

SR-28-0143

Appendix H - PCB Cleanup Verification Report, 2 of 2

# *Boliden Metech Allens Avenue Facility*

## *Laboratory Analytical Results, Sampling Round 3*

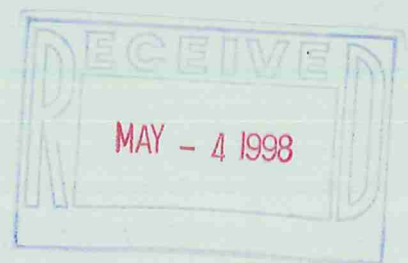
434 Allens Avenue  
Providence,  
Rhode Island

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Prepared for **Boliden Metech, Inc.**  
Mapleville, Rhode Island

Prepared by **VHB/Vanasse Hangen Brustlin, Inc.**  
Watertown, Massachusetts

March 1998



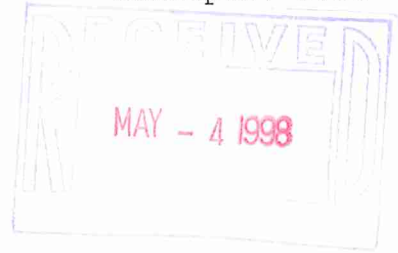


Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0828B1.D  
Signal #2 : D:\HPCHEM\5\AU29\P0828B1.D\CONFIRM.D  
Acq On : 30 Aug 96 10:48 PM  
Sample : SOIL METHOD BLANK  
Misc : 30.0G/10ML PCB ANALYSIS  
Quant Time: Aug 30 23:22 1996

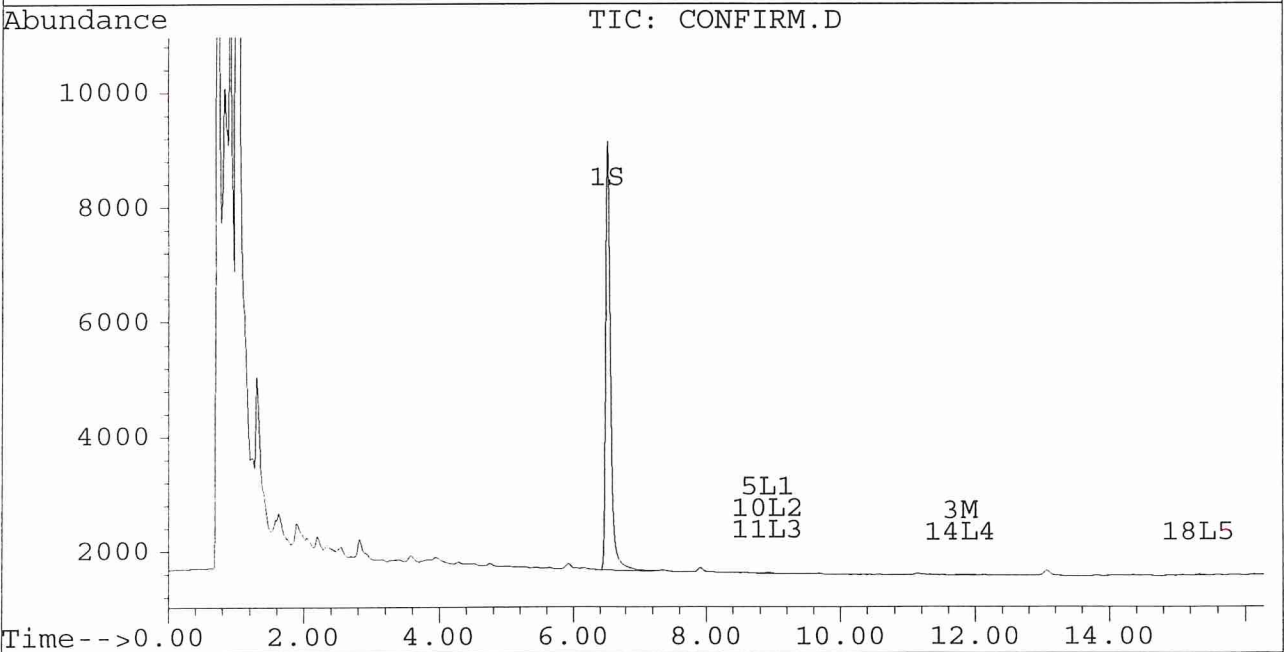
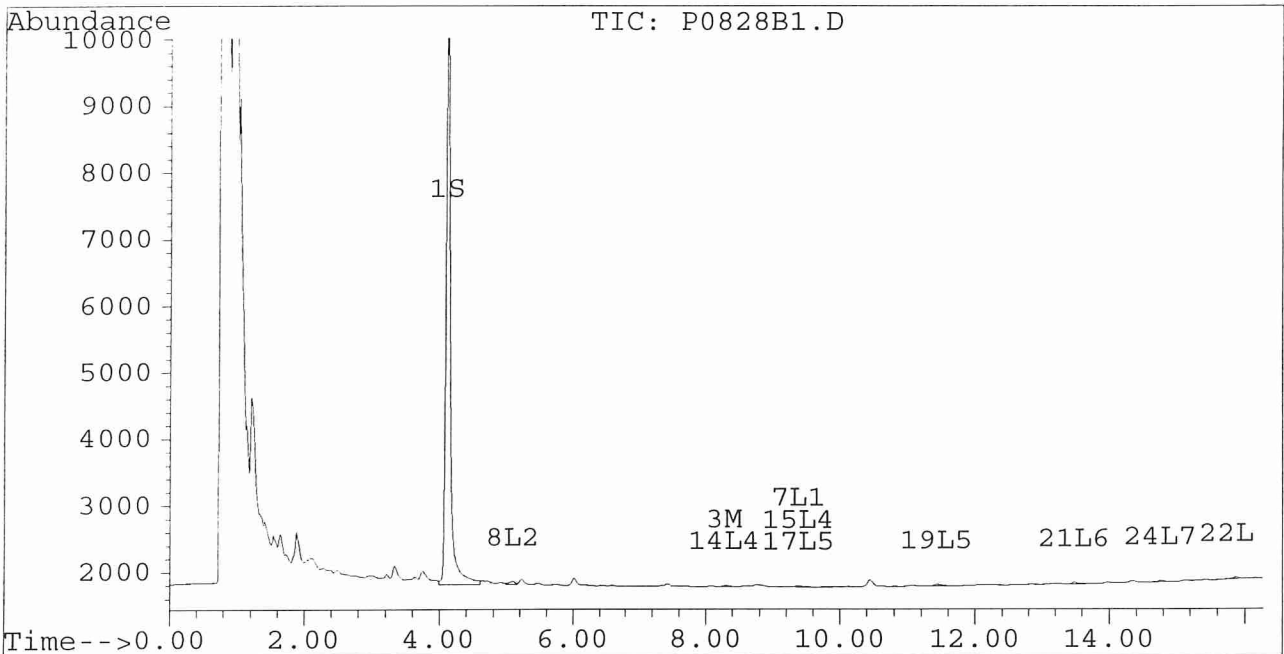
Vial: 53  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration



Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



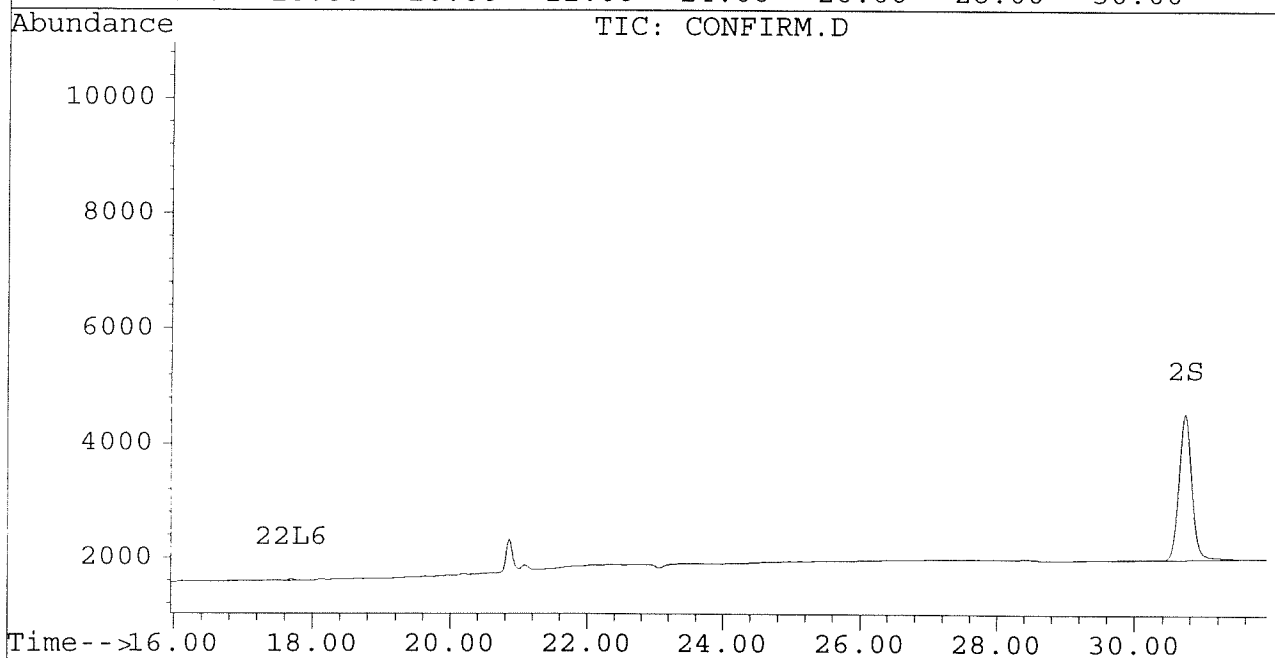
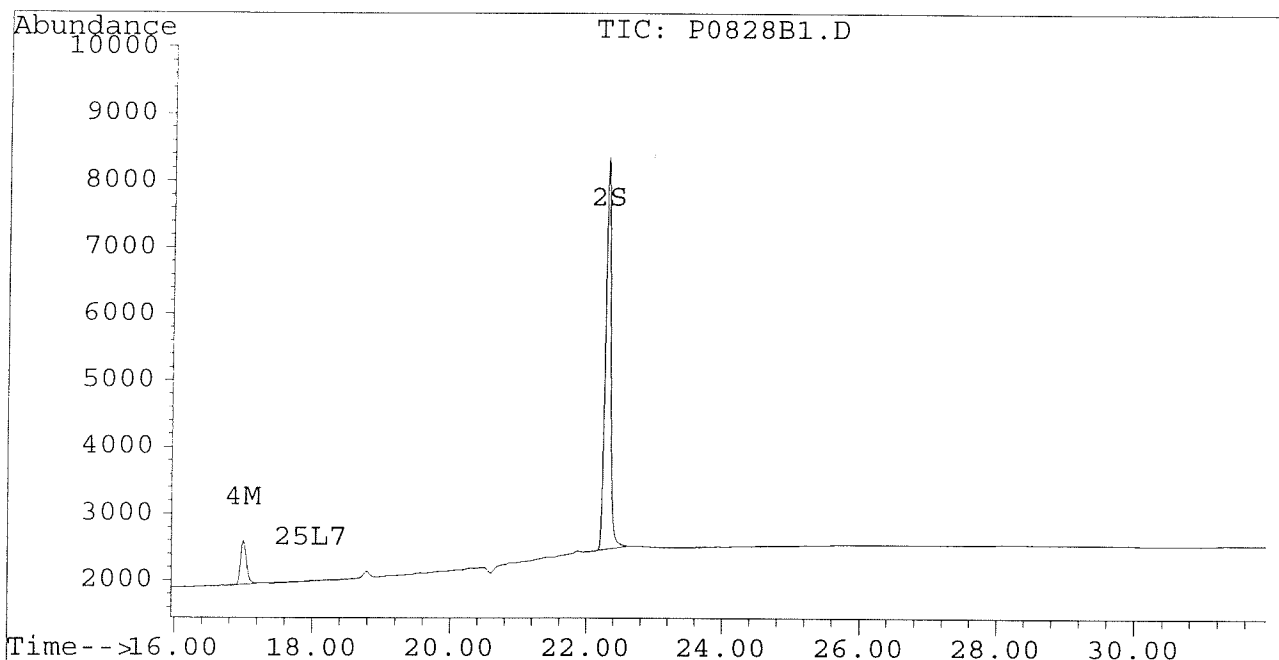
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0828B1.D  
Signal #2 : D:\HPCHEM\5\AU29\P0828B1.D\CONFIRM.D  
Acq On : 30 Aug 96 10:48 PM  
Sample : SOIL METHOD BLANK  
Misc : 30.0G/10ML PCB ANALYSIS  
Quant Time: Aug 30 23:22 1996

Vial: 53  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0828L1.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0828L1.D\CONFIRM.D  
 Acq On : 30 Aug 96 11:24 PM  
 Sample : SOIL LAB CONTROL SAMPLE  
 Misc : 30.0G/10ML PCB ANALYSIS  
 Quant Time: Aug 30 23:57 1996

Vial: 54  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	8864	7365	0.037	0.039
			Recovery	=	92.50%	97.50%
2) S Decachlorobiphenyl	22.30	30.72	5768	2471	0.027	0.028
			Recovery	=	67.50%	70.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.79	88327	82051	0.806	0.857
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	150048	133596	0.803	0.851
5) L1 Aroclor-1016	0.00	8.94	0	19	N.D.	0.001 #
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.39	0.00	33	0	0.001	N.D. #
Total Aroclor-1016			33	19	0.001	0.001
Average Aroclor-1016					0.001	0.001
8) L2 Aroclor-1221	5.11	8.11	199	138	0.028	0.023
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.94f	0	19	N.D.	0.001 #
Total Aroclor-1221			199	157	0.028	0.024
Average Aroclor-1221					0.028	0.012
11) L3 Aroclor-1232	0.00	8.94f	0	19	N.D.	0.001 #
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	19	N.D.	0.001
Average Aroclor-1232					0.000	0.001
14) L4 Aroclor-1242	8.28	11.79	88327	82051	2.133	2.753 #
15) L4 Aroclor-1242 {2}	9.39	0.00	33	0	0.002	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			88360	82051	2.135	2.753
Average Aroclor-1242					1.067	2.753
17) L5 Aroclor-1248	9.39	0.00	33	0	0.001	N.D. #
18) L5 Aroclor-1248 {2}	0.00	15.31	0	44	N.D.	0.002 #
19) L5 Aroclor-1248 {3}	11.49f	16.32	41	18	0.001	0.001
Total Aroclor-1248			74	62	0.002	0.003
Average Aroclor-1248					0.001	0.001

0653

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0828L1.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0828L1.D\CONFIRM.D  
 Acq On : 30 Aug 96 11:24 PM  
 Sample : SOIL LAB CONTROL SAMPLE  
 Misc : 30.0G/10ML PCB ANALYSIS  
 Quant Time: Aug 30 23:57 1996

Vial: 54  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	13.97	0.00	486	0	0.014	N.D. #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	17.97	0.00	38	0	0.001	N.D. #
Total Aroclor-1260			525	0	0.015	N.D.
Average Aroclor-1260					0.007	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

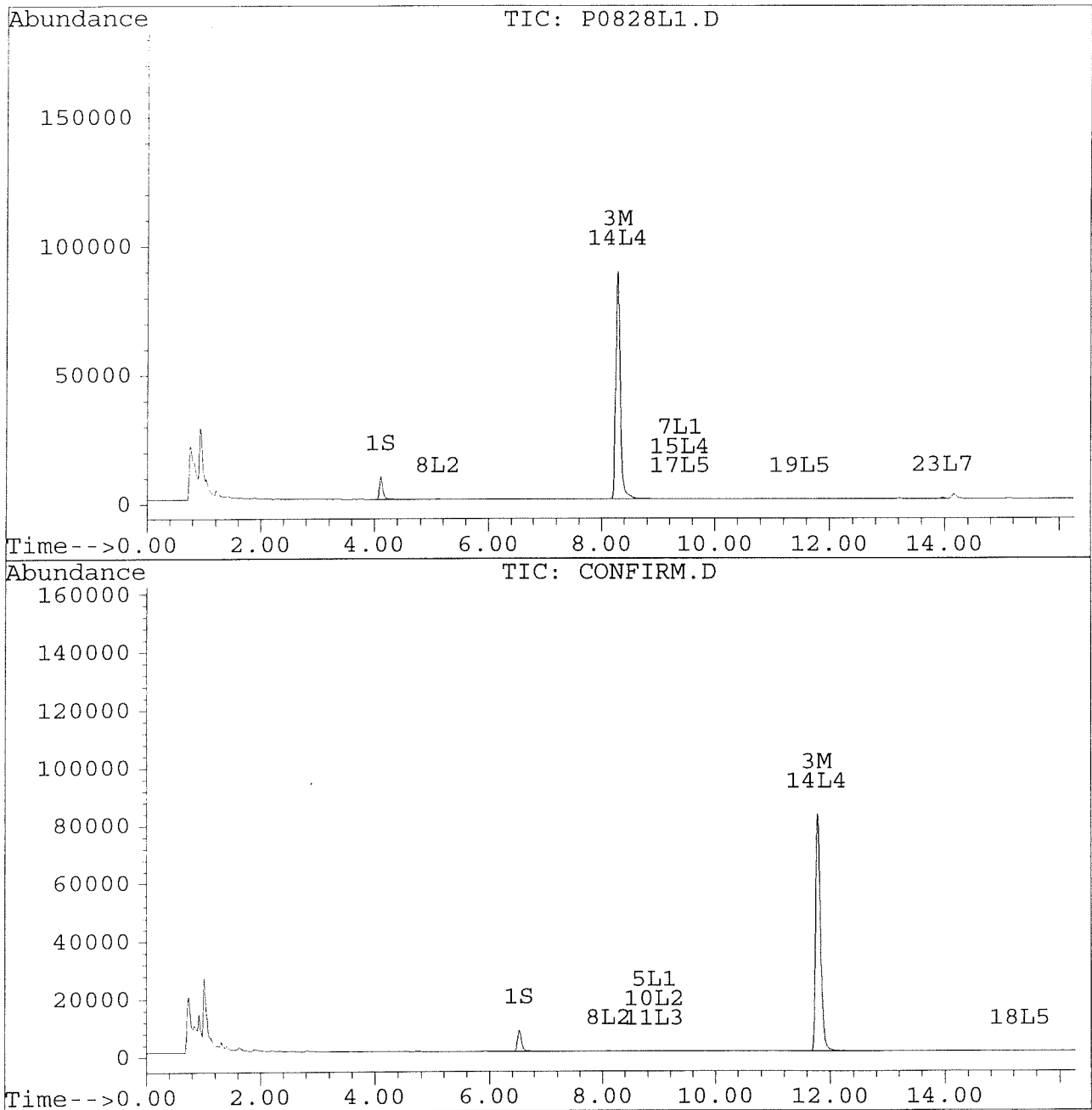
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0828L1.D  
Signal #2 : D:\HPCHEM\5\AU29\P0828L1.D\CONFIRM.D  
Acq On : 30 Aug 96 11:24 PM  
Sample : SOIL LAB CONTROL SAMPLE  
Misc : 30.0G/10ML PCB ANALYSIS  
Quant Time: Aug 30 23:57 1996

Vial: 54  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



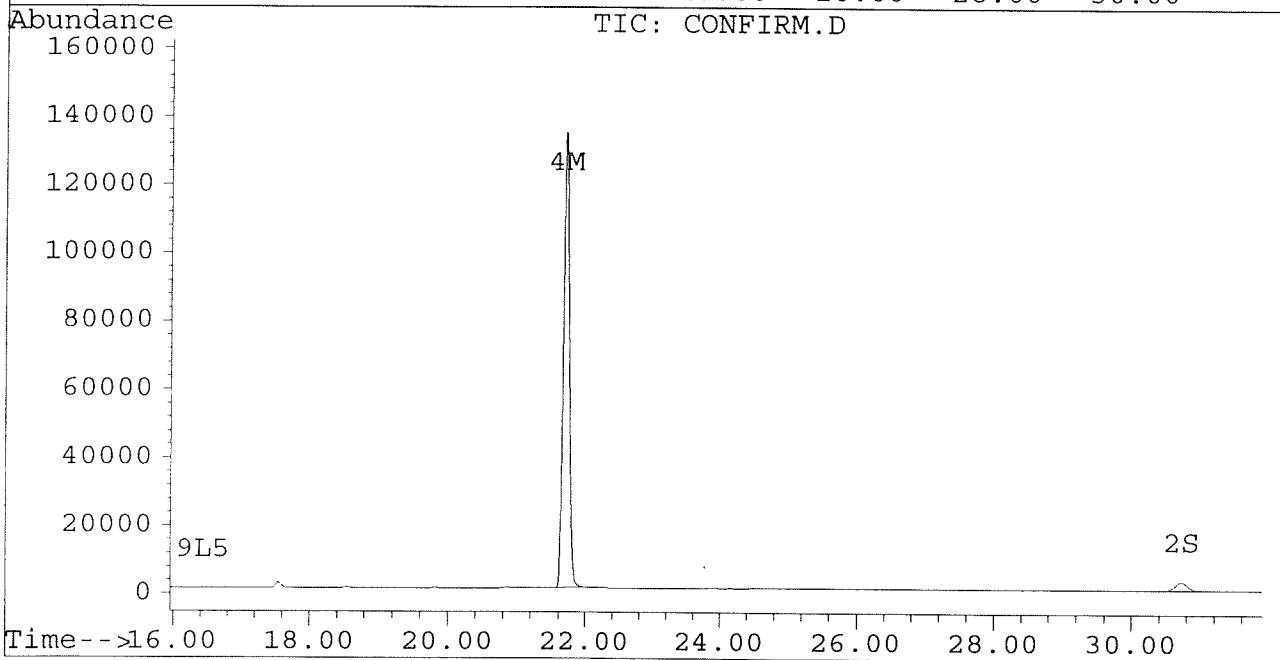
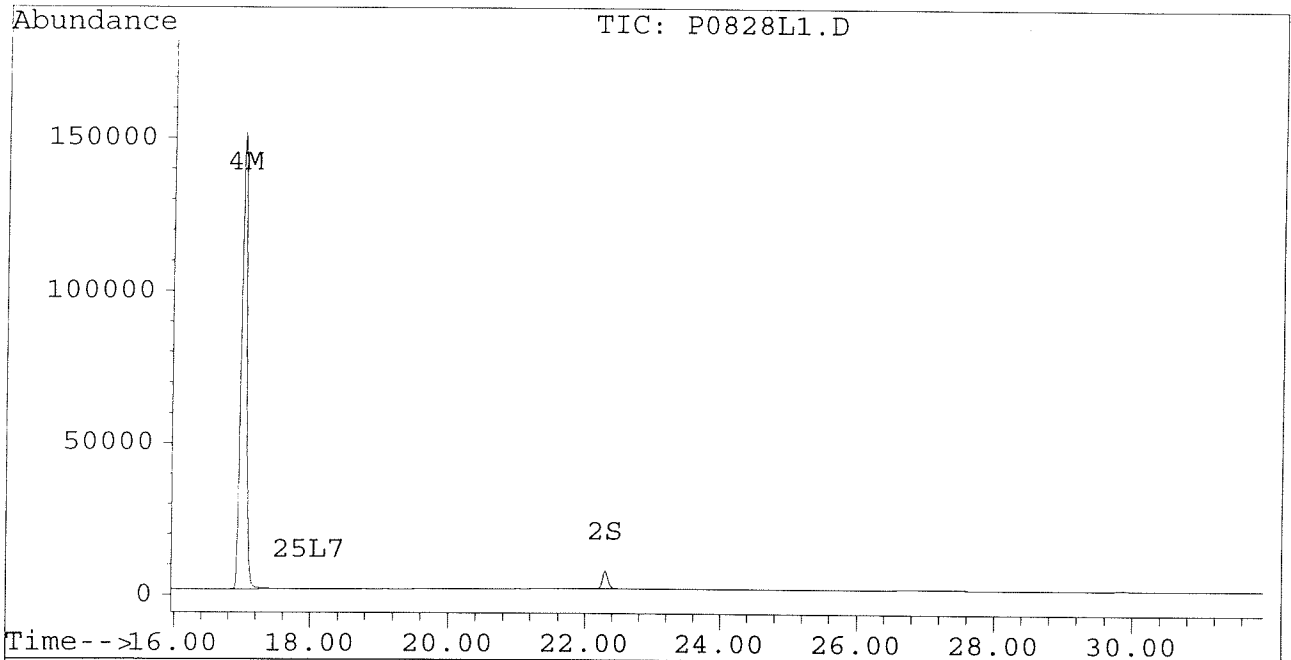
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0828L1.D  
Signal #2 : D:\HPCHEM\5\AU29\P0828L1.D\CONFIRM.D  
Acq On : 30 Aug 96 11:24 PM  
Sample : SOIL LAB CONTROL SAMPLE  
Misc : 30.0G/10ML PCB ANALYSIS  
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Vial: 54  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-77M.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-77M.D\CONFIRM.D  
 Acq On : 02 Sep 96 09:03 AM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 9:36 1996

Vial: 17  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	720	702	0.003	0.004
			Recovery	=	7.50%	10.00%
2) S Decachlorobiphenyl	22.28	30.73	1014	457	0.005	0.005
			Recovery	=	12.50%	12.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	55196	41848	0.504	0.437
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	25587	20476	0.137	0.130
5) L1 Aroclor-1016	6.85	8.90	10622	1979	0.332	0.147 #
6) L1 Aroclor-1016 {2}	8.98	10.43	13769	9709	0.785	0.348 #
7) L1 Aroclor-1016 {3}	9.37	12.36	26530	6004	1.023	0.348 #
Total Aroclor-1016			50922	17692	2.140	0.843
Average Aroclor-1016					0.713	0.281
8) L2 Aroclor-1221	5.13	8.11	199	1841	0.028	0.301 #
9) L2 Aroclor-1221 {2}	5.55	8.67	557	1687	0.096	0.346 #
10) L2 Aroclor-1221 {3}	5.72	8.90	3901	1979	0.193	0.129 #
Total Aroclor-1221			4657	5507	0.317	0.776
Average Aroclor-1221					0.106	0.259
11) L3 Aroclor-1232	5.72	8.90	3901	1979	0.214	0.138 #
12) L3 Aroclor-1232 {2}	6.85	10.43	10622	9709	0.778	0.808
13) L3 Aroclor-1232 {3}	8.66	12.36	6930	6004	0.837	0.866
Total Aroclor-1232			21452	17692	1.829	1.812
Average Aroclor-1232					0.610	0.604
14) L4 Aroclor-1242	8.27	11.78	55196	41848	1.333	1.404
15) L4 Aroclor-1242 {2}	9.37	12.36	26530	6004	1.364	0.454 #
16) L4 Aroclor-1242 {3}	10.13	14.13	24317	18751	1.439	1.409
Total Aroclor-1242			106044	66603	4.136	3.268
Average Aroclor-1242					1.379	1.089
17) L5 Aroclor-1248	9.37	15.08	26530	16469	0.834	0.731
18) L5 Aroclor-1248 {2}	10.13	15.30	24317	17278	0.888	0.740
19) L5 Aroclor-1248 {3}	11.43	16.31	31181	11078	0.896	0.620 #
Total Aroclor-1248			82029	44824	2.618	2.092
Average Aroclor-1248					0.873	0.697

Handwritten notes:  $(.131 - 0.05) \times 10$

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-77M.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-77M.D\CONFIRM.D  
 Acq On : 02 Sep 96 09:03 AM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 9:36 1996

Vial: 17  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	20527	17306	0.657	0.641
21) L6 Aroclor-1254 {2}	13.48	15.83	32140	19400	0.744	0.667
22) L6 Aroclor-1254 {3}	15.87	17.69	25292	29182	0.788	0.733
Total Aroclor-1254			77958	65888	2.189	2.040
Average Aroclor-1254					0.730	0.680
23) L7 Aroclor-1260	13.97	18.33	15239	10462	0.439	0.327 #
24) L7 Aroclor-1260 {2}	14.76	18.64	14158	12699	0.348	0.353
25) L7 Aroclor-1260 {3}	17.97	22.06	6565	4291	0.114	0.080 #
Total Aroclor-1260			35961	27453	0.901	0.761
Average Aroclor-1260					0.300	0.254
26) L8 Aroclor-1268	0.00	23.33	0	672	N.D.	0.157 #
27) L8 Aroclor-1268 {2}	0.00	23.55	0	1310	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	672	N.D.	0.157
Average Aroclor-1268					0.000	0.157

2,4,4' - Trichlorobiphenyl - 504  
 - 526 0%

2,2,3,4,4 - Hexachlorobiphenyl  
 .137  
 - .050  
 -----  
 .087 x 100 87%

Quantitation Report

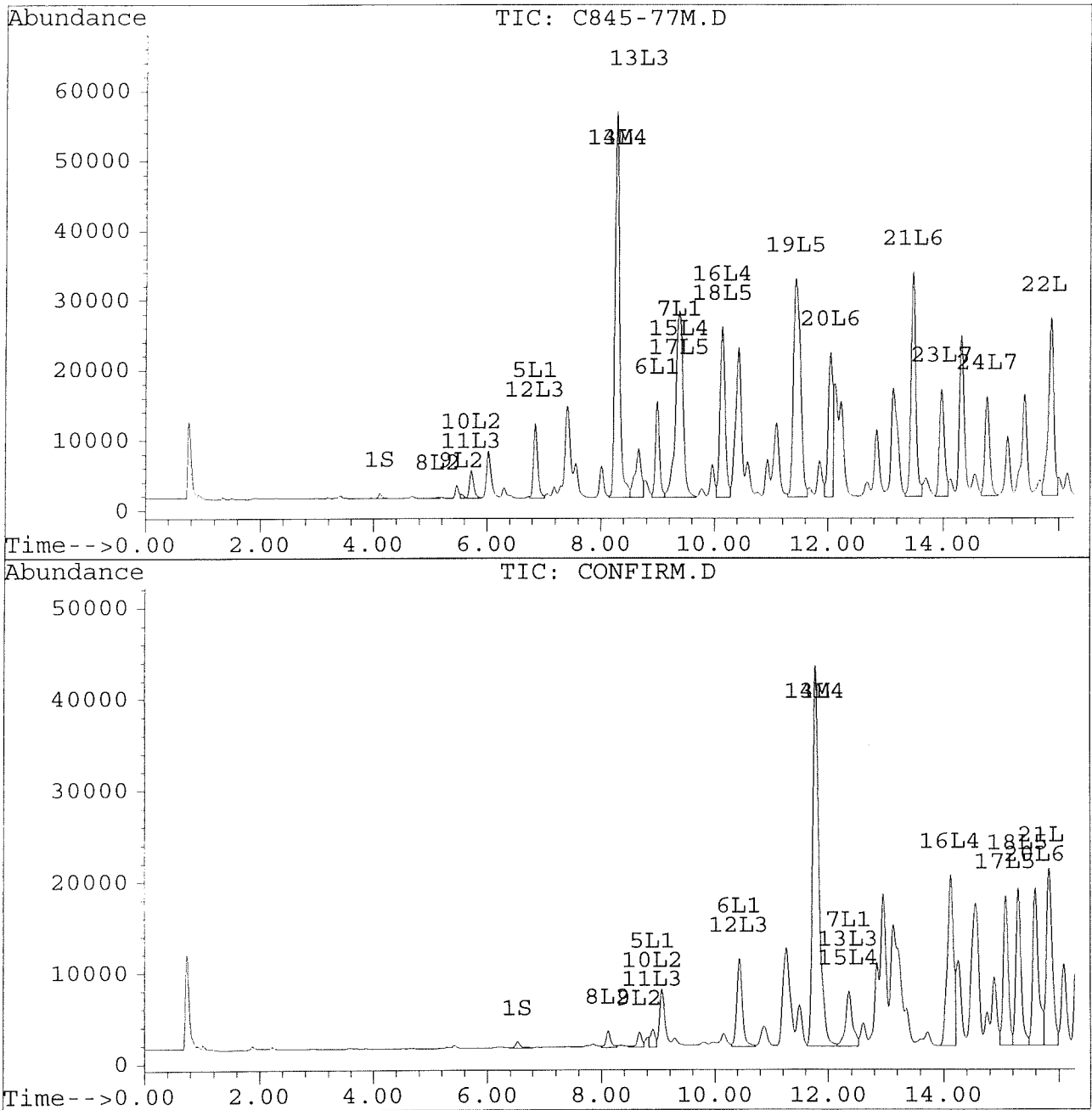
Signal #1 : D:\HPCHEM\5\AU29\C845-77M.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-77M.D\CONFIRM.D  
Acq On : 02 Sep 96 09:03 AM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 9:36 1996

Vial: 17

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



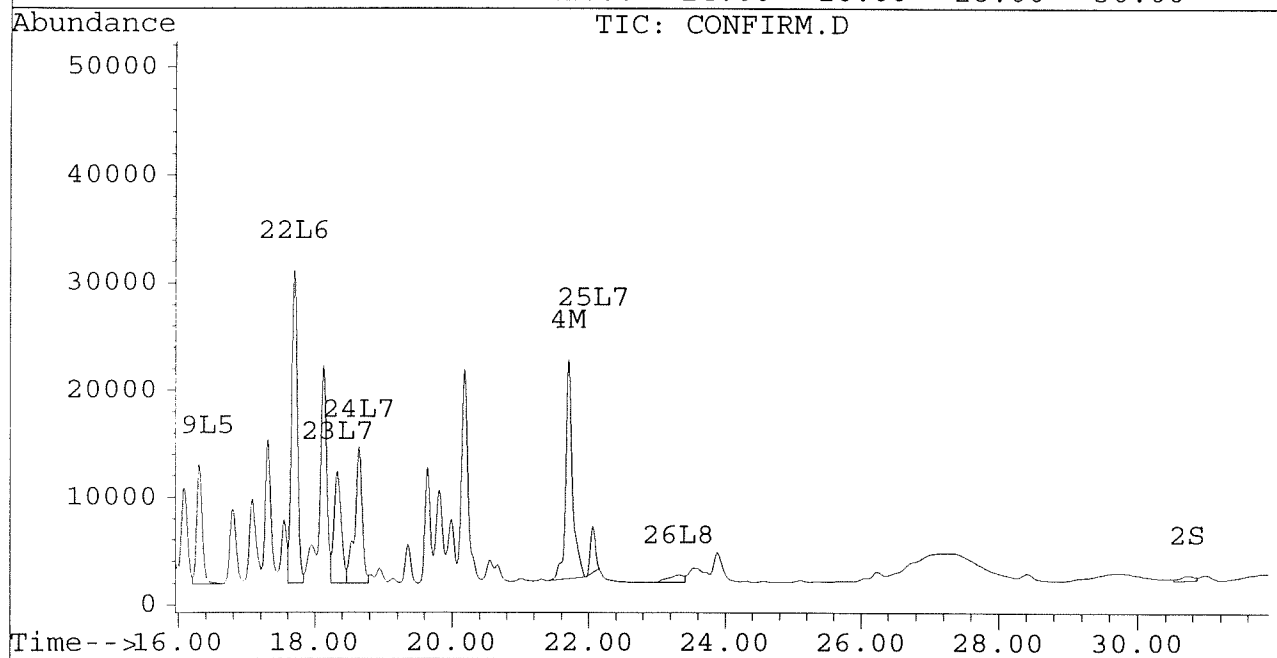
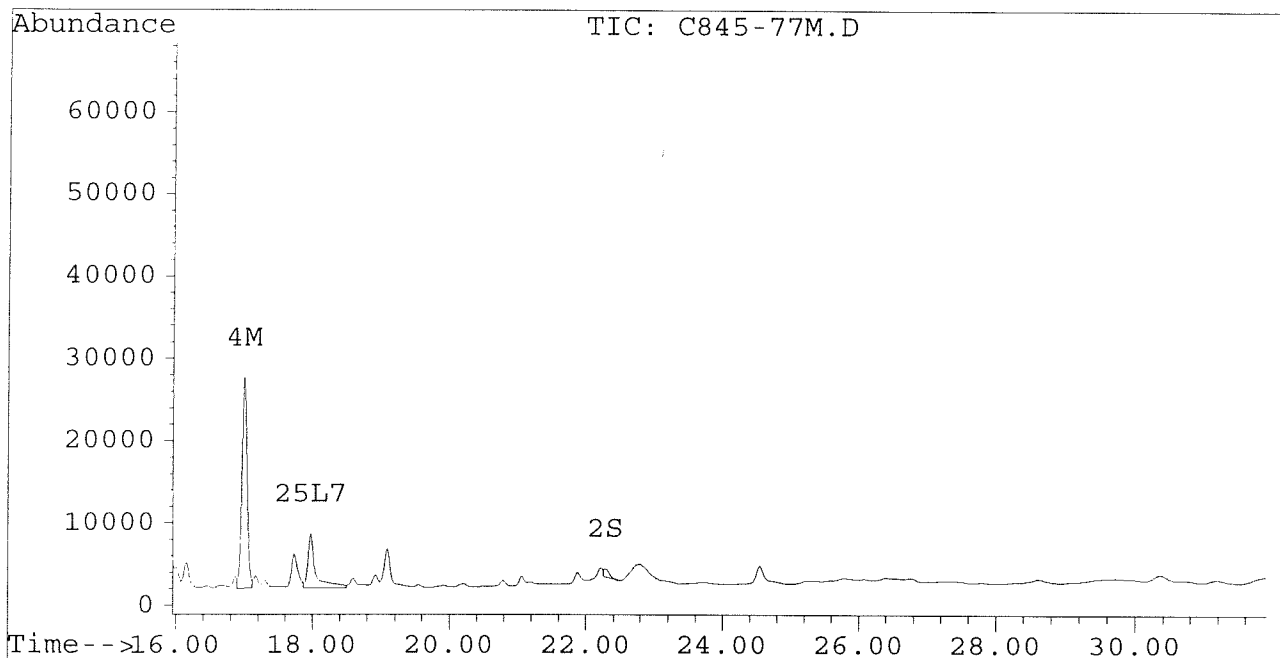
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-77M.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-77M.D\CONFIRM.D  
Acq On : 02 Sep 96 09:03 AM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 9:36 1996

Vial: 17  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
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Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-77D.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-77D.D\CONFIRM.D  
 Acq On : 02 Sep 96 09:38 AM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 4 12:22 1996

Vial: 18  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	856	923	0.004	0.005 #
			Recovery	=	10.00%	12.50%
2) S Decachlorobiphenyl	22.24f	30.73	2329	436	0.011m	0.005 #
			Recovery	=	27.50%	12.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	63316	47772	0.578	0.499
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	27954	22775	0.150	0.145
5) L1 Aroclor-1016	6.85	8.90	12894	2995	0.403	0.223 #
6) L1 Aroclor-1016 {2}	8.99	10.43	15804	11605	0.901	0.416 #
7) L1 Aroclor-1016 {3}	9.37	12.36	29423	7512	1.135	0.435 #
Total Aroclor-1016			58121	22111	2.438	1.073
Average Aroclor-1016					0.813	0.358
8) L2 Aroclor-1221	5.13	8.12	395	2138	0.056	0.350 #
9) L2 Aroclor-1221 {2}	5.55	8.67	874	1949	0.150	0.400 #
10) L2 Aroclor-1221 {3}	5.72	8.90	5439	2995	0.269	0.195 #
Total Aroclor-1221			6707	7082	0.475	0.944
Average Aroclor-1221					0.158	0.315
11) L3 Aroclor-1232	5.72	8.90	5439	2995	0.298	0.209 #
12) L3 Aroclor-1232 {2}	6.85	10.43	12894	11605	0.945	0.966
13) L3 Aroclor-1232 {3}	8.66	12.36	8631	7512	1.043	1.083
Total Aroclor-1232			26964	22111	2.286	2.258
Average Aroclor-1232					0.762	0.753
14) L4 Aroclor-1242	8.27	11.78	63316	47772	1.529	1.603
15) L4 Aroclor-1242 {2}	9.37	12.36	29423	7512	1.512	0.568 #
16) L4 Aroclor-1242 {3}	10.13	14.13	26804	20940	1.586	1.574
Total Aroclor-1242			119543	76224	4.628	3.745
Average Aroclor-1242					1.543	1.248
17) L5 Aroclor-1248	9.37	15.08	29423	18216	0.924	0.809
18) L5 Aroclor-1248 {2}	10.13	15.30	26804	18886	0.979	0.809
19) L5 Aroclor-1248 {3}	11.43	16.31	33279	12099	0.956	0.678 #
Total Aroclor-1248			89506	49201	2.859	2.295
Average Aroclor-1248					0.953	0.765

*(Handwritten notes and circled values)*  
 Recovery = 10.00%  
 Recovery = 27.50%  
 (0.578 - 0.526) x 10 = 5.2%  
 0.578 52%  
 0.150

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-77D.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-77D.D\CONFIRM.D  
 Acq On : 02 Sep 96 09:38 AM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 4 12:22 1996

Vial: 18  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	21484	18766	0.688	0.695
21) L6 Aroclor-1254 {2}	13.48	15.83	33856	20749	0.784	0.713
22) L6 Aroclor-1254 {3}	15.87	17.69	26462	31207	0.824	0.784
Total Aroclor-1254			81801	70722	2.296	2.191
Average Aroclor-1254					0.765	0.730
23) L7 Aroclor-1260	13.97	18.32	16192	11120	0.467	0.348 #
24) L7 Aroclor-1260 {2}	14.76	18.64	14700	13328	0.362	0.371
25) L7 Aroclor-1260 {3}	17.97	22.06	7546	4714	0.131	0.088 #
Total Aroclor-1260			38438	29162	0.959	0.806
Average Aroclor-1260					0.320	0.269
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.53	0	1307	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

2,4,4' Trichlorobiphenyl

2,2,3,3,4,4' Hexachlorobiphenyl

578  
~~504~~  
 52  
 1

150  
~~50~~

Quantitation Report

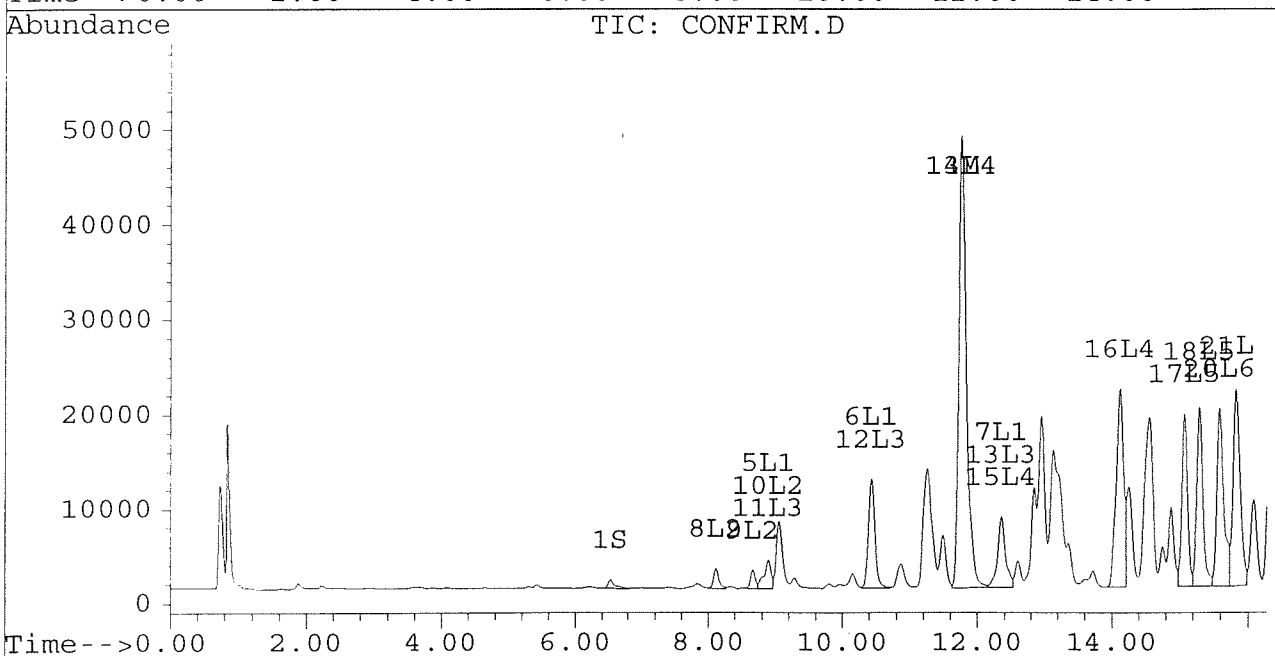
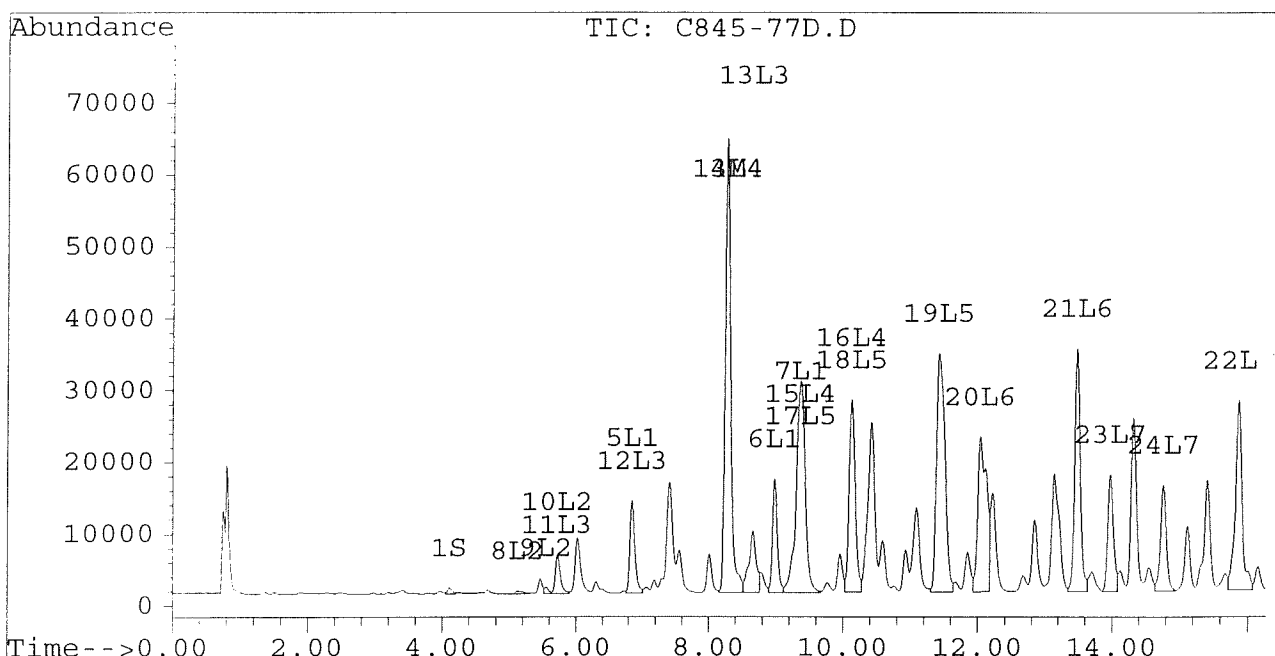
Signal #1 : D:\HPCHEM\5\AU29\C845-77D.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-77D.D\CONFIRM.D  
Acq On : 02 Sep 96 09:38 AM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 4 12:22 1996

Vial: 18

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



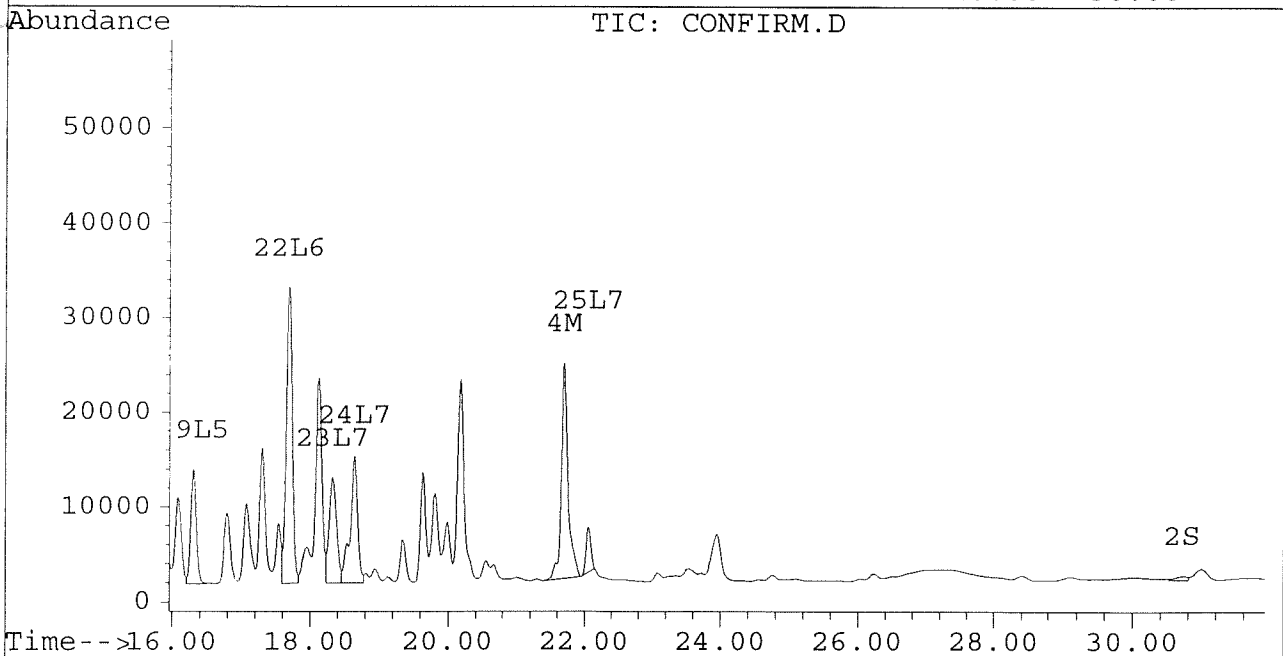
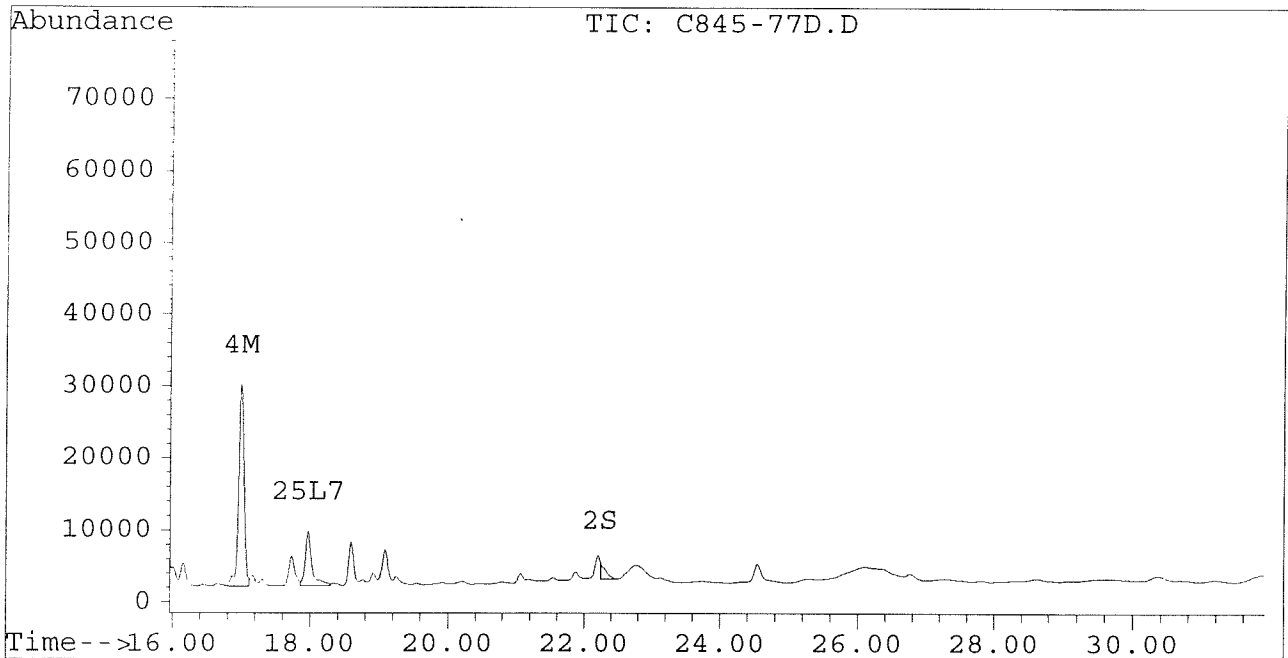
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-77D.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-77D.D\CONFIRM.D  
Acq On : 02 Sep 96 09:38 AM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 4 12:22 1996

Vial: 18  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM





Solvent Track:

GPC Batch Number:  
Florisil Lot Number:

0665

MITKEM CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION : Pesticides/PCB										
Date:	8/27/96	Analysis:	PCB	Sample Matrix:	Soy / RC	Project #:	C0845			
Blank ID:	P0827-82	Method:	Sonication	Analyst:		Client:	VHB			
Lab Sample ID	Client Sample ID	Weight/ Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments
P0827-82	-452	30.09 g			T	T	8/28/96	10ml	8/29/96	
↓	PC0845-6145	30.4 g								
	-6145D	30.0 g								
34	-62	30.5 g								
36	-63	30.1 g								
38	-64	30.4 g								
38	-65	30.5 g								
38	-66	30.2 g								
35	-67	30.1 g								
33	-68	30.5 g								
13	-69	30.4 g								
14	-70	30.4 g								
10	-71	30.3 g								
14	-72	30.1 g								
15	-73	30.0 g								
39	-61	30.29 g								

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-61.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-61.D\CONFIRM.D  
 Acq On : 30 Aug 96 02:38 AM  
 Sample : VHB/ PM10 1:10 DILUTION  
 Misc : 30.2G/10ML 92 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 3:11 1996

Vial: 25  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	721	621	0.003	0.003
			Recovery	=	7.50%	7.50%
2) S Decachlorobiphenyl	22.30	30.75	1527	505	0.007	0.006
			Recovery	=	17.50%	15.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	16640	11748	0.152	0.123
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	3684	2292	0.020	0.015 #
5) L1 Aroclor-1016	6.85	8.90	4290	736	0.134	0.055 #
6) L1 Aroclor-1016 {2}	8.99	10.43	4569	3899	0.260	0.140 #
7) L1 Aroclor-1016 {3}	9.37	12.36	10830	2441	0.418	0.141 #
Total Aroclor-1016			19690	7075	0.812	0.336
Average Aroclor-1016					0.271	0.112
8) L2 Aroclor-1221	5.13	8.12	72	504	0.010	0.082 #
9) L2 Aroclor-1221 {2}	5.55	8.67	206	773	0.035	0.158 #
10) L2 Aroclor-1221 {3}	5.72	8.90	1670	736	0.083	0.048 #
Total Aroclor-1221			1948	2013	0.128	0.289
Average Aroclor-1221					0.043	0.096
11) L3 Aroclor-1232	5.72	8.90	1670	736	0.092	0.051 #
12) L3 Aroclor-1232 {2}	6.85	10.43	4290	3899	0.314	0.325
13) L3 Aroclor-1232 {3}	8.66	12.36	2724	2441	0.329	0.352
Total Aroclor-1232			8684	7075	0.735	0.728
Average Aroclor-1232					0.245	0.243
14) L4 Aroclor-1242	8.27	11.78	16640	11748	0.402	0.394
15) L4 Aroclor-1242 {2}	9.37	12.36	10830	2441	0.557	0.185 #
16) L4 Aroclor-1242 {3}	10.13	14.13	9130	7228	0.540	0.543
Total Aroclor-1242			36600	21417	1.499	1.122
Average Aroclor-1242					0.500	0.374
17) L5 Aroclor-1248	9.37	15.08	10830	6347	0.340	0.282
18) L5 Aroclor-1248 {2}	10.13	15.30	9130	6161	0.333	0.264
19) L5 Aroclor-1248 {3}	11.43	16.31	12966	4356	0.373	0.244 #
Total Aroclor-1248			32925	16864	1.046	0.790
Average Aroclor-1248					0.349	0.263

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-61.D Vial: 25  
 Signal #2 : D:\HPCHEM\5\AU29\C845-61.D\CONFIRM.D  
 Acq On : 30 Aug 96 02:38 AM Operator: JS  
 Sample : VHB/ PM10 1:10 DILUTION Inst : ECD1  
 Misc : 30.2G/10ML 92 % SOLID PCB ANALYSIS Multiplr: 1.00  
 Quant Time: Aug 30 3:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	9494	8267	0.304	0.306
21) L6 Aroclor-1254 {2}	13.48	15.84	14263	9214	0.330	0.317
22) L6 Aroclor-1254 {3}	15.87	17.70	11286	15054	0.351	0.378
Total Aroclor-1254			35043	32535	0.986	1.001
Average Aroclor-1254					0.329	0.334
23) L7 Aroclor-1260	13.98	18.33	6856	4995	0.198	0.156
24) L7 Aroclor-1260 {2}	14.76	18.65	6585	5873	0.162	0.163
25) L7 Aroclor-1260 {3}	17.98	22.07	3667	1793	0.063	0.034 #
Total Aroclor-1260			17108	12661	0.423	0.353
Average Aroclor-1260					0.141	0.118
26) L8 Aroclor-1268	0.00	23.33f	0	3843	N.D.	0.895 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	3843	N.D.	0.895
Average Aroclor-1268					0.000	0.895

$$AR_{1254} = \frac{0.959 \times 10 \text{ mL} \times 1.5 \times 10^{DF}}{30.2 \times 0.92} = 5,200 D$$

$$AR_{1254} = \frac{0.681 \times 10 \text{ mL} \times 1.5 \times 10^{DF}}{30.2 \times 0.92} = 3,700 P$$

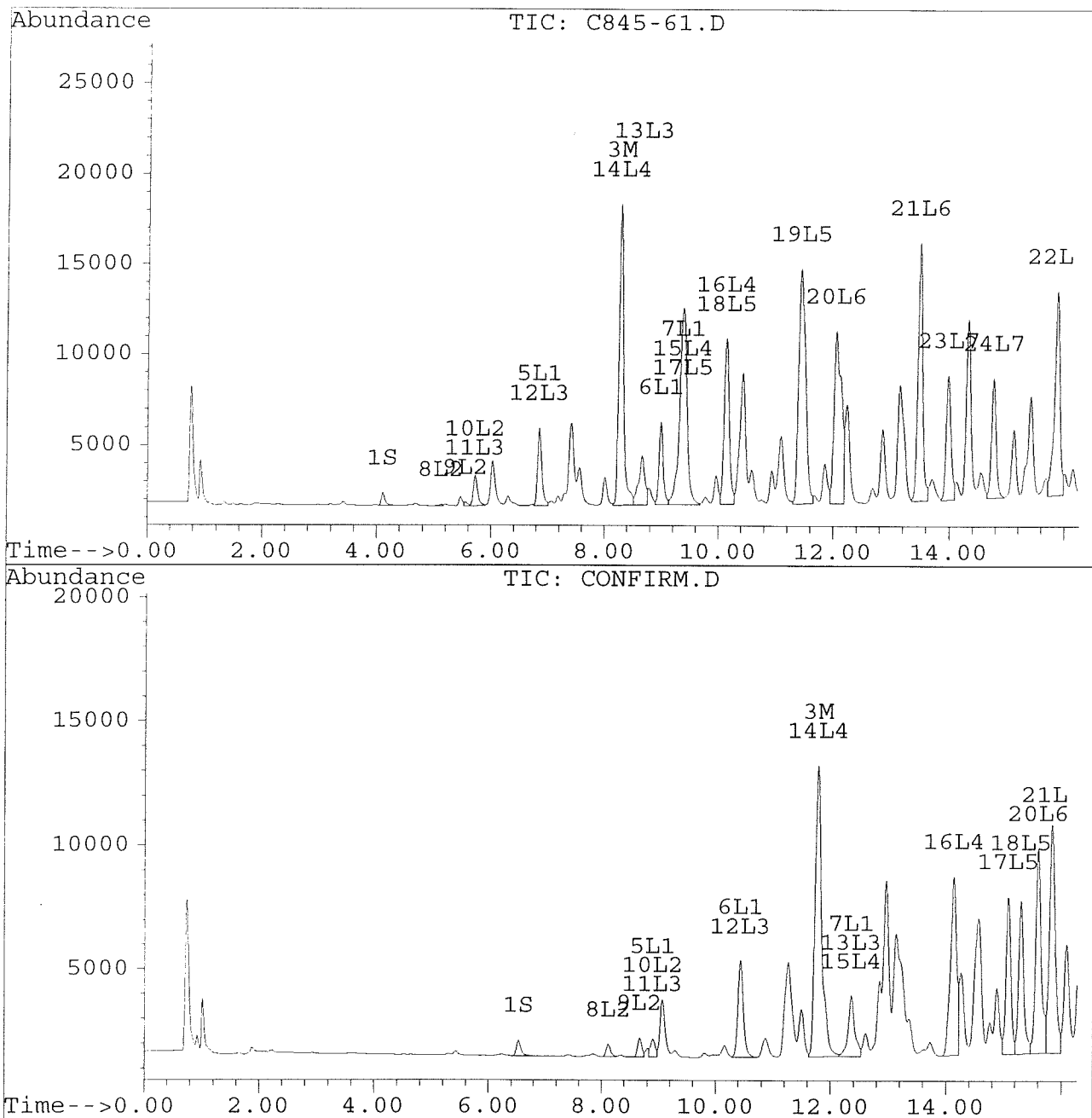
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-61.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-61.D\CONFIRM.D  
Acq On : 30 Aug 96 02:38 AM  
Sample : VHB/ PM10 1:10 DILUTION  
Misc : 30.2G/10ML 92 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 3:11 1996

Vial: 25  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



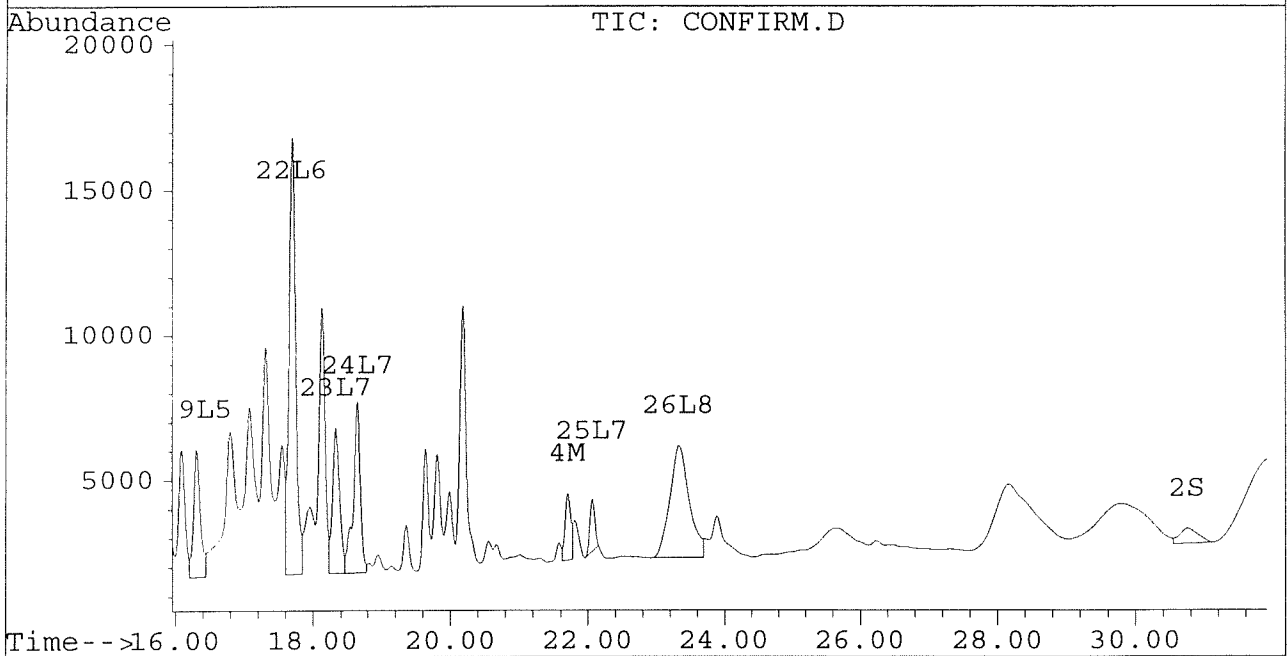
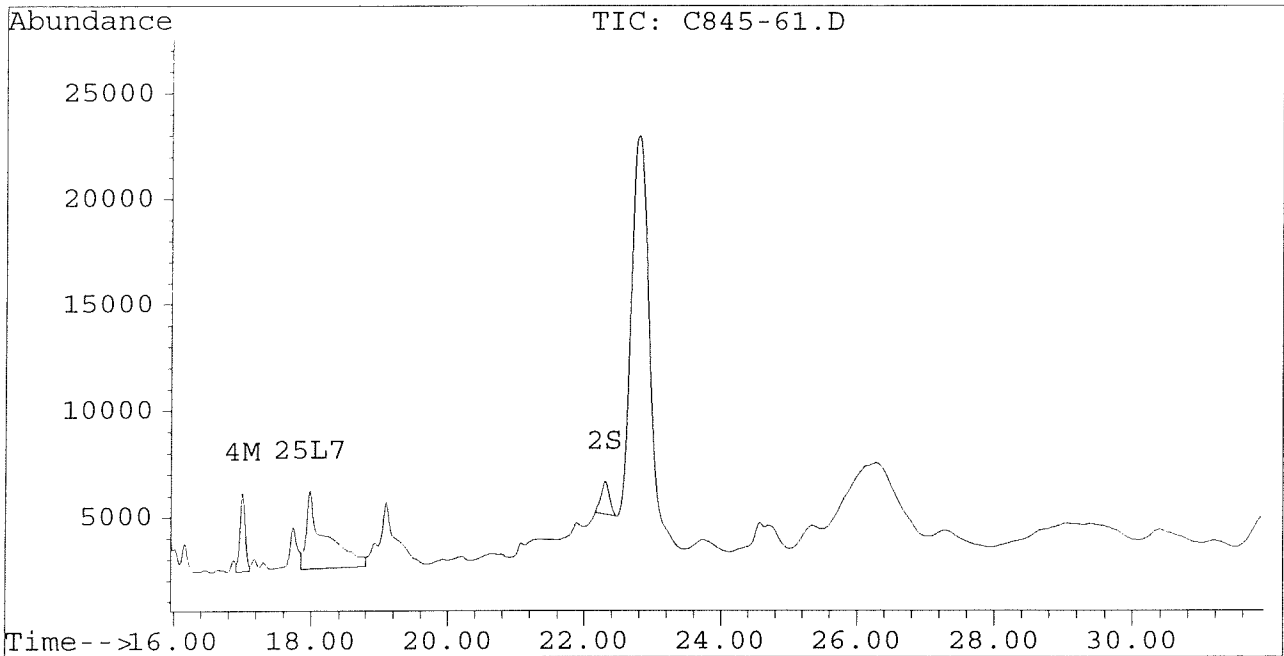
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-61.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-61.D\CONFIRM.D  
Acq On : 30 Aug 96 02:38 AM  
Sample : VHB/ PM10 1:10 DILUTION  
Misc : 30.2G/10ML 92 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 3:11 1996

Vial: 25  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-62.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-62.D\CONFIRM.D  
 Acq On : 30 Aug 96 06:11 AM  
 Sample : VHB/ PM12 1:10 DILUTION  
 Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 6:45 1996

Vial: 28  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.54	759	669	0.003	0.004
			Recovery	=	7.50%	10.00%
2) S Decachlorobiphenyl	22.30	30.73	634	336	0.003	0.004 #
			Recovery	=	7.50%	10.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.78	14713	10284	0.134	0.107
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	2305	1453	0.012	0.009
5) L1 Aroclor-1016	6.86	8.91	2663	520	0.083	0.039 #
6) L1 Aroclor-1016 {2}	8.99	10.44	3788	2481	0.216	0.089 #
7) L1 Aroclor-1016 {3}	9.38	12.36	8932	1588	0.344	0.092 #
Total Aroclor-1016			15383	4589	0.644	0.220
Average Aroclor-1016					0.215	0.073
8) L2 Aroclor-1221	5.14	8.12	53	173	0.008	0.028 #
9) L2 Aroclor-1221 {2}	5.56	8.67	129	303	0.022	0.062 #
10) L2 Aroclor-1221 {3}	5.73	8.91	991	520	0.049	0.034 #
Total Aroclor-1221			1174	996	0.079	0.124
Average Aroclor-1221					0.026	0.041
11) L3 Aroclor-1232	5.73	8.91	991	520	0.054	0.036 #
12) L3 Aroclor-1232 {2}	6.86	10.44	2663	2481	0.195	0.207
13) L3 Aroclor-1232 {3}	8.66	12.36	1803	1588	0.218	0.229
Total Aroclor-1232			5457	4589	0.467	0.472
Average Aroclor-1232					0.156	0.157
14) L4 Aroclor-1242	8.28	11.78	14713	10284	0.355	0.345
15) L4 Aroclor-1242 {2}	9.38	12.36	8932	1588	0.459	0.120 #
16) L4 Aroclor-1242 {3}	10.13	14.13	7671	5991	0.454	0.450
Total Aroclor-1242			31317	17863	1.269	0.916
Average Aroclor-1242					0.423	0.305
17) L5 Aroclor-1248	9.38	15.08	8932	5072	0.281	0.225
18) L5 Aroclor-1248 {2}	10.13	15.30	7671	5330	0.280	0.228
19) L5 Aroclor-1248 {3}	11.43	16.31	9984	3214	0.287	0.180 #
Total Aroclor-1248			26587	13617	0.848	0.634
Average Aroclor-1248					0.283	0.211
-----						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 C845-62.D PCB1G.M Fri Aug 30 06:45:28 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-62.D Vial: 28  
 Signal #2 : D:\HPCHEM\5\AU29\C845-62.D\CONFIRM.D  
 Acq On : 30 Aug 96 06:11 AM Operator: JS  
 Sample : VHB/ PM12 1:10 DILUTION Inst : ECD1  
 Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00  
 Quant Time: Aug 30 6:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	6483	5719	0.208	0.212
21) L6 Aroclor-1254 {2}	13.49	15.84	9623	6208	0.223	0.213
22) L6 Aroclor-1254 {3}	15.88	17.70	6824	8766	0.212	0.220
Total Aroclor-1254			22930	20693	0.643	0.645
Average Aroclor-1254					0.214	0.215
23) L7 Aroclor-1260	13.98	18.33	4676	3255	0.135	0.102
24) L7 Aroclor-1260 {2}	14.77	18.65	4117	3689	0.101	0.103
25) L7 Aroclor-1260 {3}	17.97	22.06	1669	1201	0.029	0.022
Total Aroclor-1260			10462	8145	0.265	0.227
Average Aroclor-1260					0.088	0.076
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.55	0	319	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR-1242 = \frac{0.814 \times 10 \text{ mL} \times 1.5 \times 10^3}{30.5 \times 0.89} \approx 4500$$

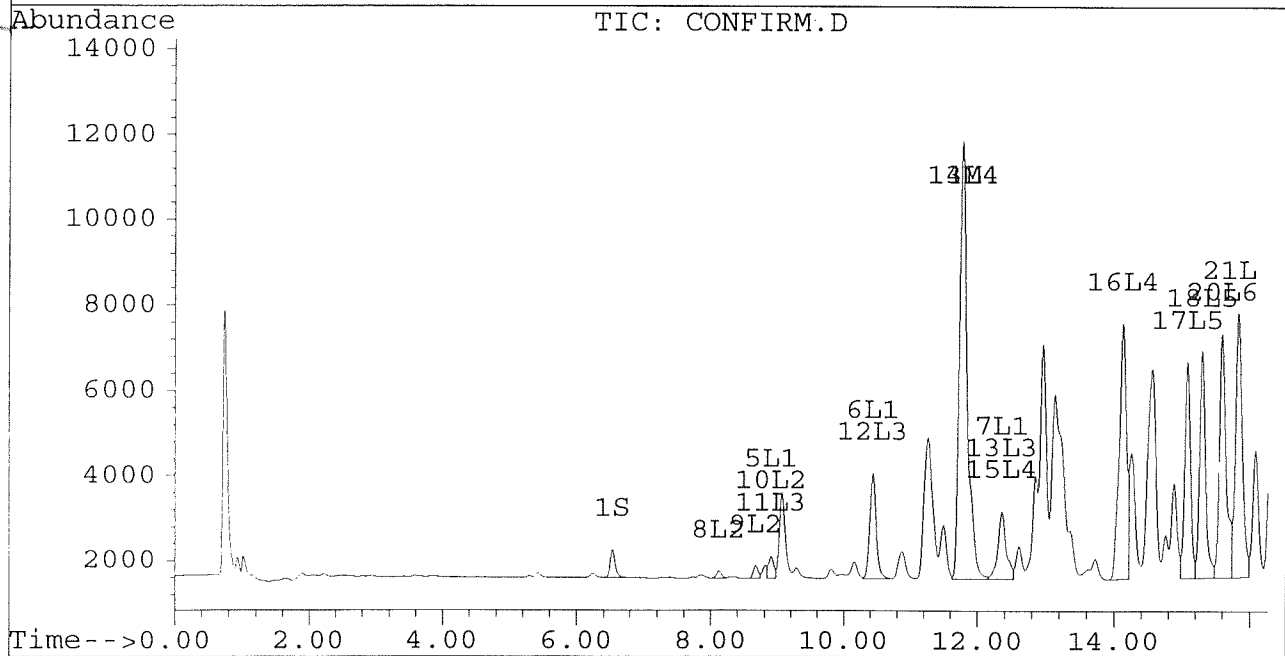
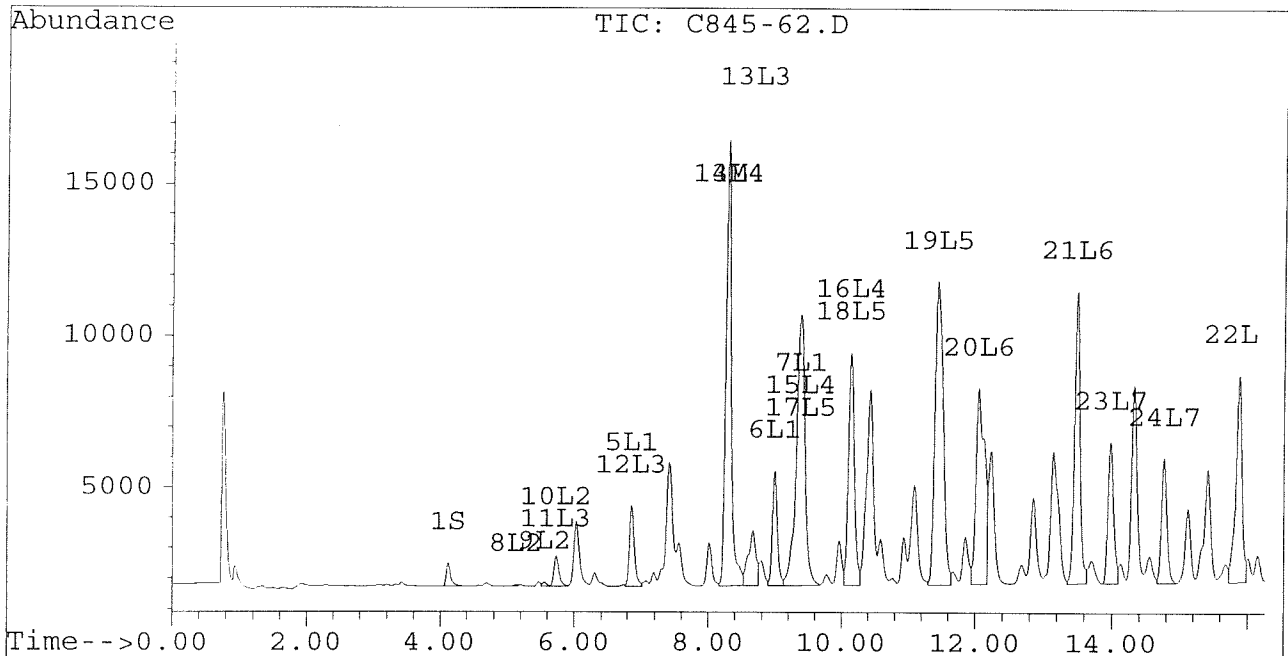
$$AR-1254 = \frac{0.435 \times 10 \text{ mL} \times 1.5 \times 10^3}{30.5 \times 0.89} \approx 2400$$

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-62.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-62.D\CONFIRM.D  
Acq On : 30 Aug 96 06:11 AM  
Sample : VHB/ PM12 1:10 DILUTION  
Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 6:45 1996  
Vial: 28  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM





Quantitation Report

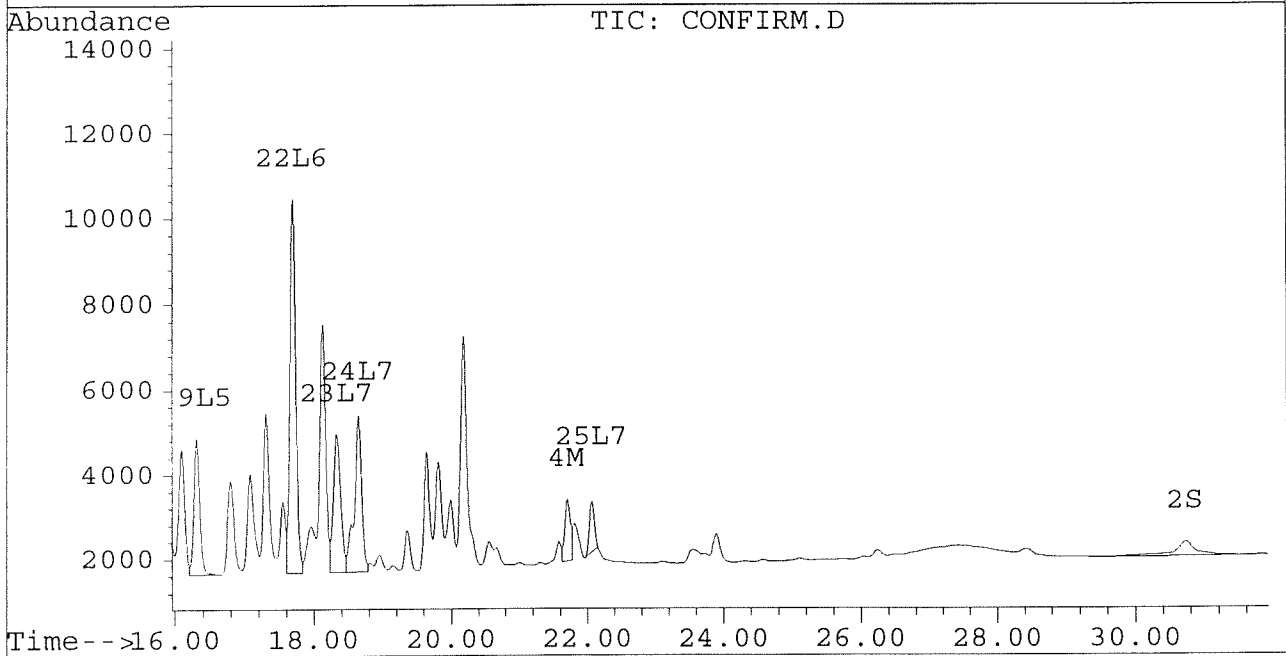
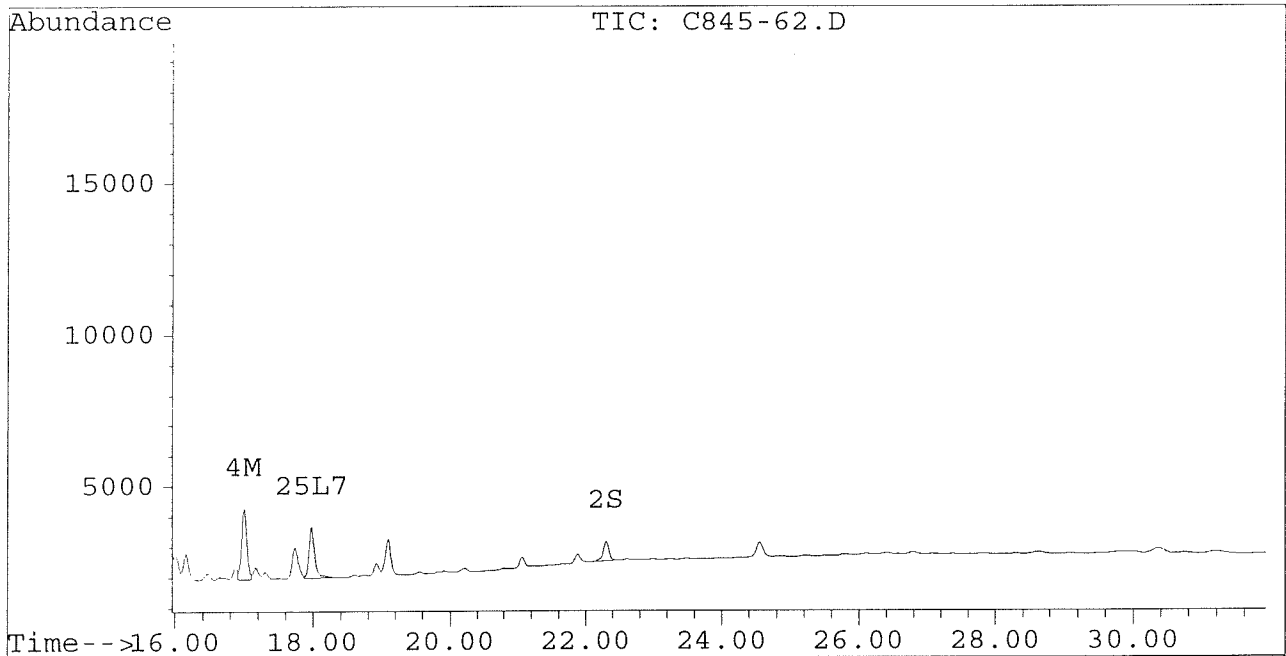
Signal #1 : D:\HPCHEM\5\AU29\C845-62.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-62.D\CONFIRM.D  
Acq On : 30 Aug 96 06:11 AM  
Sample : VHB/ PM12 1:10 DILUTION  
Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 6:45 1996

Vial: 28

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-63.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-63.D\CONFIRM.D  
 Acq On : 30 Aug 96 06:47 AM  
 Sample : VHB/ PN10 1:10 DILUTION  
 Misc : 30.1G/10ML 86 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 7:20 1996

Vial: 29  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	861	964	0.004	0.005 #
			Recovery	=	10.00%	12.50%
2) S Decachlorobiphenyl	22.30	30.72	1485	811	0.007	0.009 #
			Recovery	=	17.50%	22.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	120262	89103	1.098	0.930
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	29326	15131	0.157	0.096 #
5) L1 Aroclor-1016	6.85	8.90	27484	6470	0.858	0.481 #
6) L1 Aroclor-1016 {2}	8.99	10.43	36644	24764	2.089	0.887 #
7) L1 Aroclor-1016 {3}	9.38	12.36	63755	18454	2.459	1.069 #
Total Aroclor-1016			127883	49688	5.406	2.437
Average Aroclor-1016					1.802	0.812
8) L2 Aroclor-1221	5.14	8.12	746	1164	0.106	0.190 #
9) L2 Aroclor-1221 {2}	5.56	8.67	1598	4798	0.274	0.984 #
10) L2 Aroclor-1221 {3}	5.72	8.90	12793	6470	0.633	0.421 #
Total Aroclor-1221			15136	12432	1.013	1.596
Average Aroclor-1221					0.338	0.532
11) L3 Aroclor-1232	5.72	8.90	12793	6470	0.701	0.451 #
12) L3 Aroclor-1232 {2}	6.85	10.43	27484	24764	2.014	2.061
13) L3 Aroclor-1232 {3}	8.66	12.36	21220	18454	2.563	2.661
Total Aroclor-1232			61496	49688	5.279	5.174
Average Aroclor-1232					1.760	1.725
14) L4 Aroclor-1242	8.27	11.78	120262	89103	2.904	2.990
15) L4 Aroclor-1242 {2}	9.38	12.36	63755	18454	3.277	1.396 #
16) L4 Aroclor-1242 {3}	10.13	14.13	60021	47690	3.553	3.584
Total Aroclor-1242			244037	155248	9.734	7.971
Average Aroclor-1242					3.245	2.657
17) L5 Aroclor-1248	9.38	15.08	63755	43474	2.003	1.930
18) L5 Aroclor-1248 {2}	10.13	15.30	60021	46620	2.191	1.997
19) L5 Aroclor-1248 {3}	11.43	16.31	76303	32284	2.193	1.808
Total Aroclor-1248			200079	122378	6.387	5.735
Average Aroclor-1248					2.129	1.912

*to be diluted*

2.904  
3.277

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-63.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-63.D\CONFIRM.D  
 Acq On : 30 Aug 96 06:47 AM  
 Sample : VHB/ PN10 1:10 DILUTION  
 Misc : 30.1G/10ML 86 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 7:20 1996

Vial: 29  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	46706	41828	1.496	1.548
21) L6 Aroclor-1254 {2}	13.48	15.84	75988	45912	1.760	1.578
22) L6 Aroclor-1254 {3}	15.87	17.69	64053	71448	1.994	1.794
Total Aroclor-1254			186747	159188	5.250	4.920
Average Aroclor-1254					to be diluted .750	1.640
23) L7 Aroclor-1260	13.98	18.33	41372	29793	1.192	0.932
24) L7 Aroclor-1260 {2}	14.76	18.64	39134	36514	0.962	1.015
25) L7 Aroclor-1260 {3}	17.97	22.06	37070	30235	0.641	0.566
Total Aroclor-1260			117576	96542	2.796	2.512
Average Aroclor-1260					0.932	0.837
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.53	0	8041	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

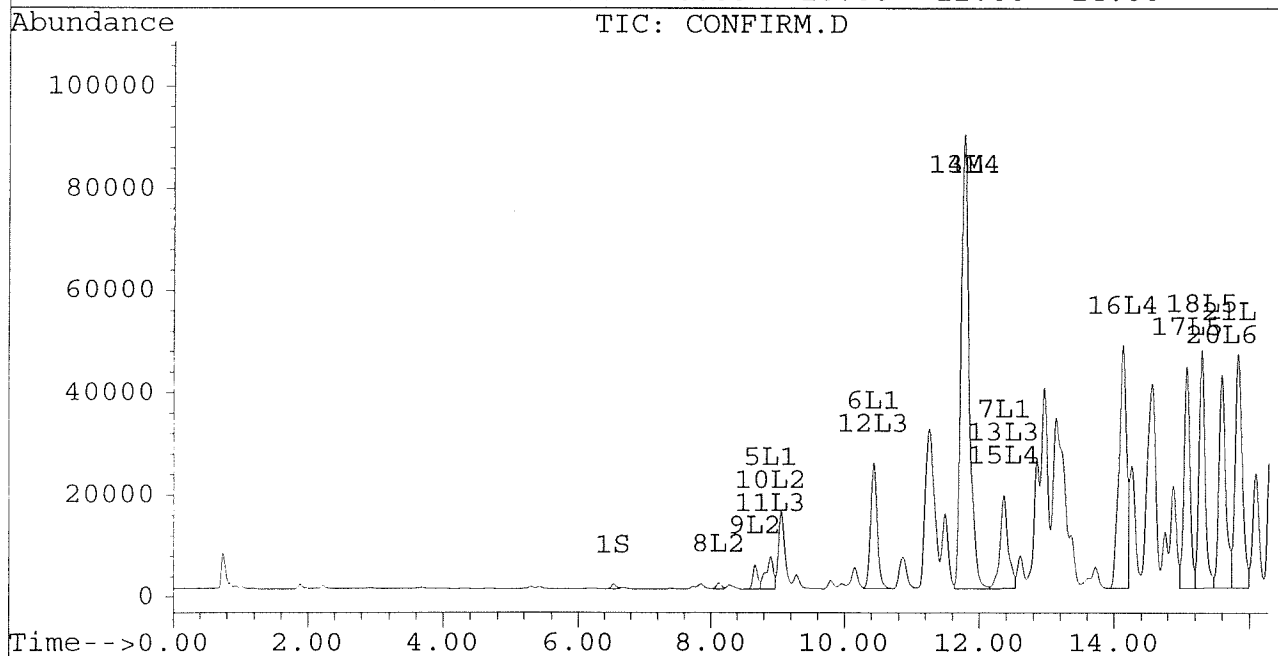
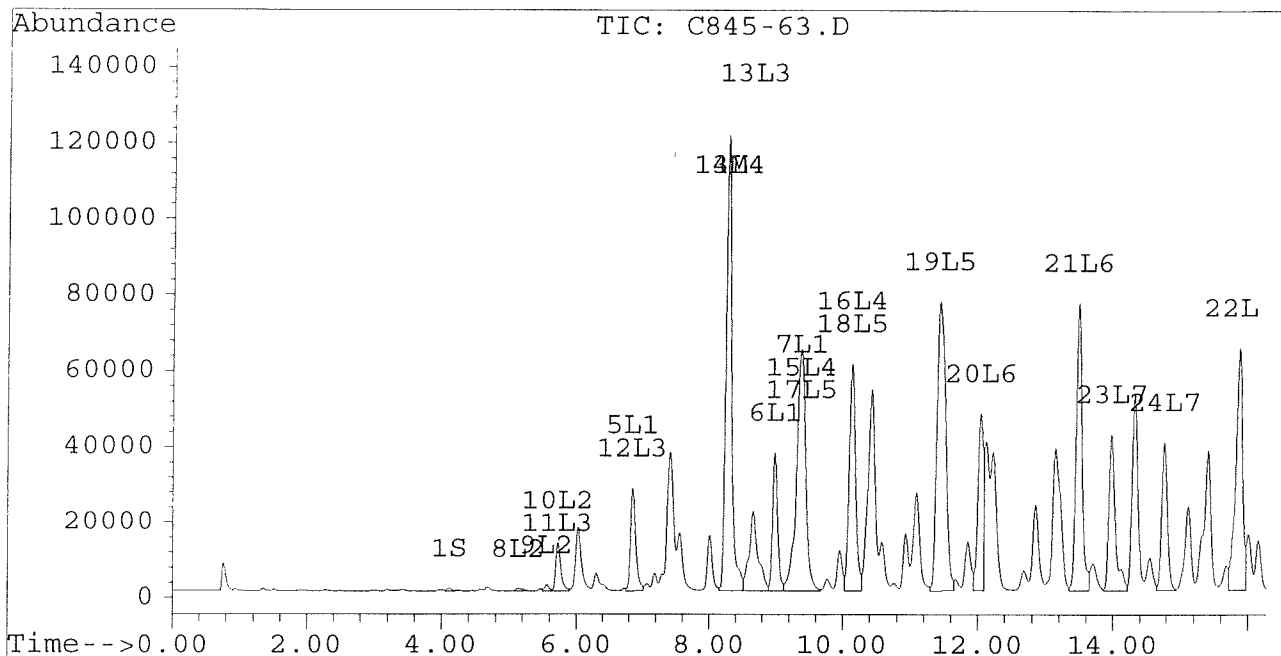
Signal #1 : D:\HPCHEM\5\AU29\C845-63.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-63.D\CONFIRM.D  
Acq On : 30 Aug 96 06:47 AM  
Sample : VHB/ PN10 1:10 DILUTION  
Misc : 30.1G/10ML 86 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 7:20 1996

Vial: 29  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



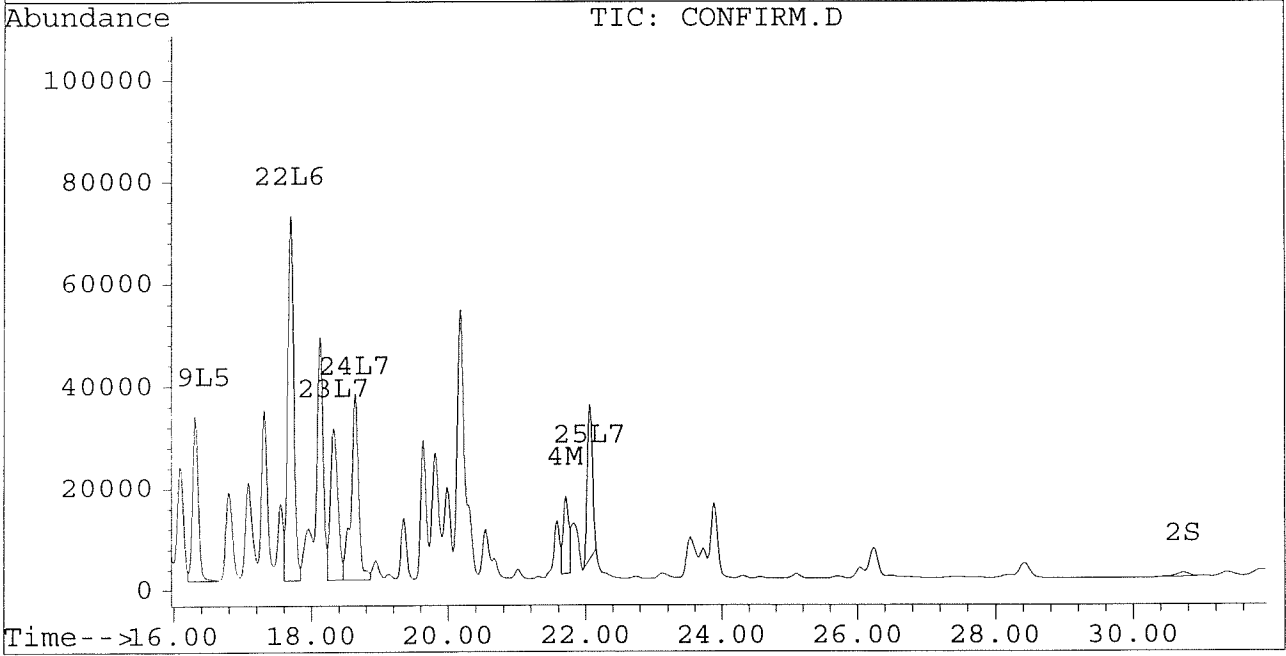
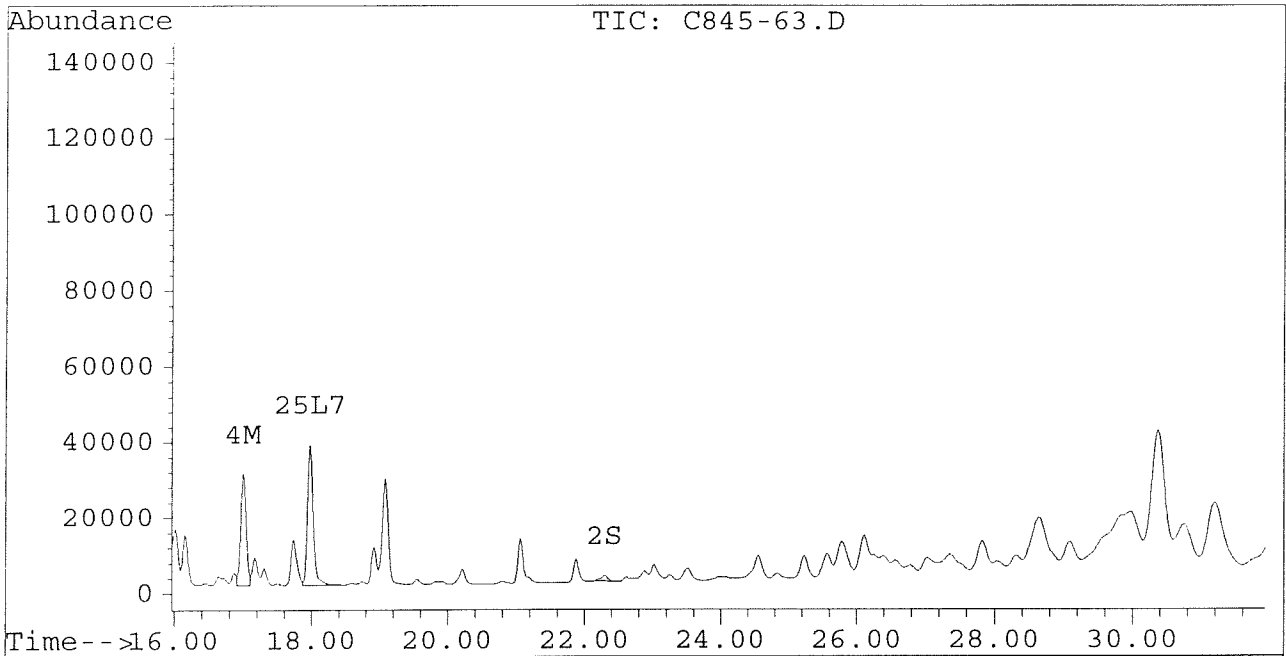
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-63.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-63.D\CONFIRM.D  
Acq On : 30 Aug 96 06:47 AM  
Sample : VHB/ PN10 1:10 DILUTION  
Misc : 30.1G/10ML 86 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 7:20 1996

Vial: 29  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-63D.D  
 Signal #2 : D:\HPCHEM\5\SE3\C845-63D.D\CONFIRM.D  
 Acq On : 04 Sep 96 08:12 PM  
 Sample : VHB / PN10 1:25 DILUTION  
 Misc : 30.1G/10ML 86% SOLID  
 Quant Time: Sep 4 20:46 1996

Vial: 46

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.46	309	343	0.001	0.002 #
			Recovery	=	2.50%	5.00%
2) S Decachlorobiphenyl	22.20	30.50	282	443	0.001	0.005 #
			Recovery	=	2.50%	12.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.69	46475	33396	0.424	0.349
4) M 2,2',3,3',4,4'-Hexa	16.91	21.60	10092	4672	0.054	0.030 #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.69	46475	33396	1.122	1.121
15) L4 Aroclor-1242 {2}	9.29	12.27	25541	6666	1.313	0.504 #
16) L4 Aroclor-1242 {3}	10.05	14.04	23263	18199	1.377	1.368
Total Aroclor-1242			95279	58261	3.812	2.993
Average Aroclor-1242					1.271	0.998
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-63D.D Vial: 46  
 Signal #2 : D:\HPCHEM\5\SE3\C845-63D.D\CONFIRM.D  
 Acq On : 04 Sep 96 08:12 PM Operator: JS  
 Sample : VHB / PN10 1:25 DILUTION Inst : ECD1  
 Misc : 30.1G/10ML 86% SOLID Multiplr: 1.00  
 Quant Time: Sep 4 20:46 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	18229	16298	0.584	0.603
21) L6 Aroclor-1254 {2}	13.40	15.74	28350	17854	0.656	0.614
22) L6 Aroclor-1254 {3}	15.78	17.59	23290	26291	0.725	0.660
Total Aroclor-1254			69869	60443	1.965	1.877
Average Aroclor-1254					0.655	0.626
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	3431	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	0.00	9435	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.77f	0.00	1957	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

DF

$$AR\ 1242 = \frac{2435 \times 10\ mL \times 1.5 \times 25}{30.1 \times 0.86} = 35,000\ I$$

$$AR\ 1254 = \frac{1381 \times 10\ mL \times 1.5 \times 25}{30.1 \times 0.86} = 20,000\ D$$

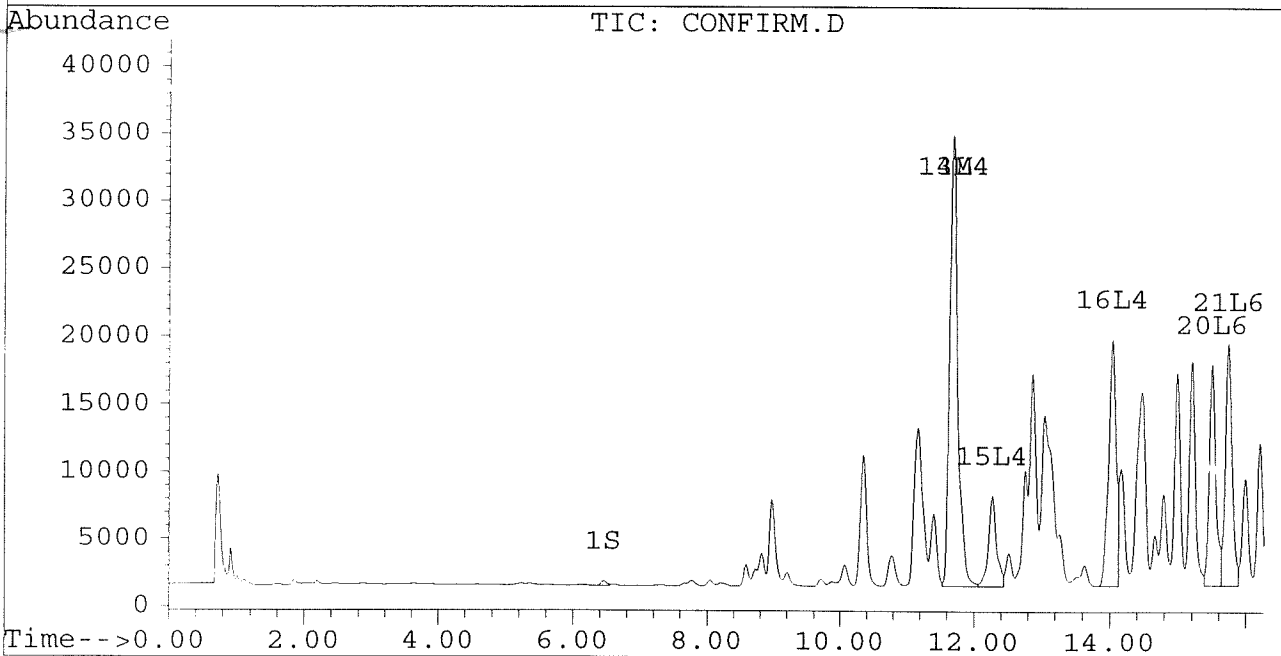
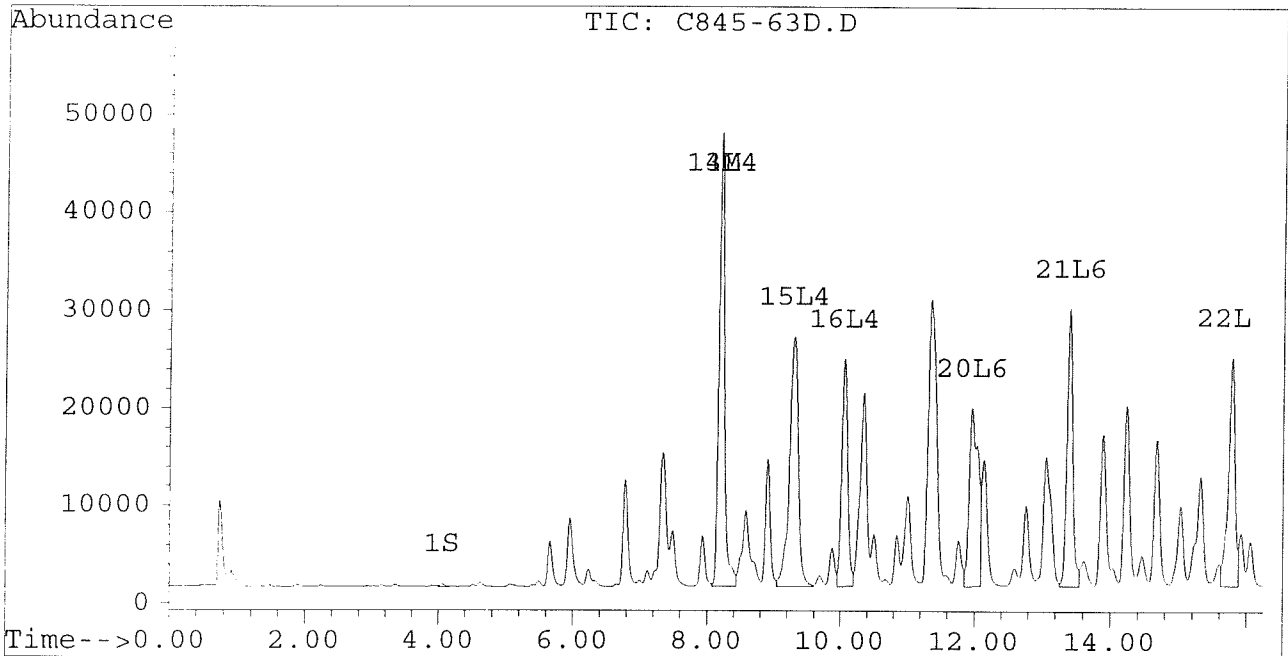
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-63D.D  
Signal #2 : D:\HPCHEM\5\SE3\C845-63D.D\CONFIRM.D  
Acq On : 04 Sep 96 08:12 PM  
Sample : VHB / PN10 1:25 DILUTION  
Misc : 30.1G/10ML 86% SOLID  
Quant Time: Sep 4 20:46 1996

Vial: 46  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM





Quantitation Report

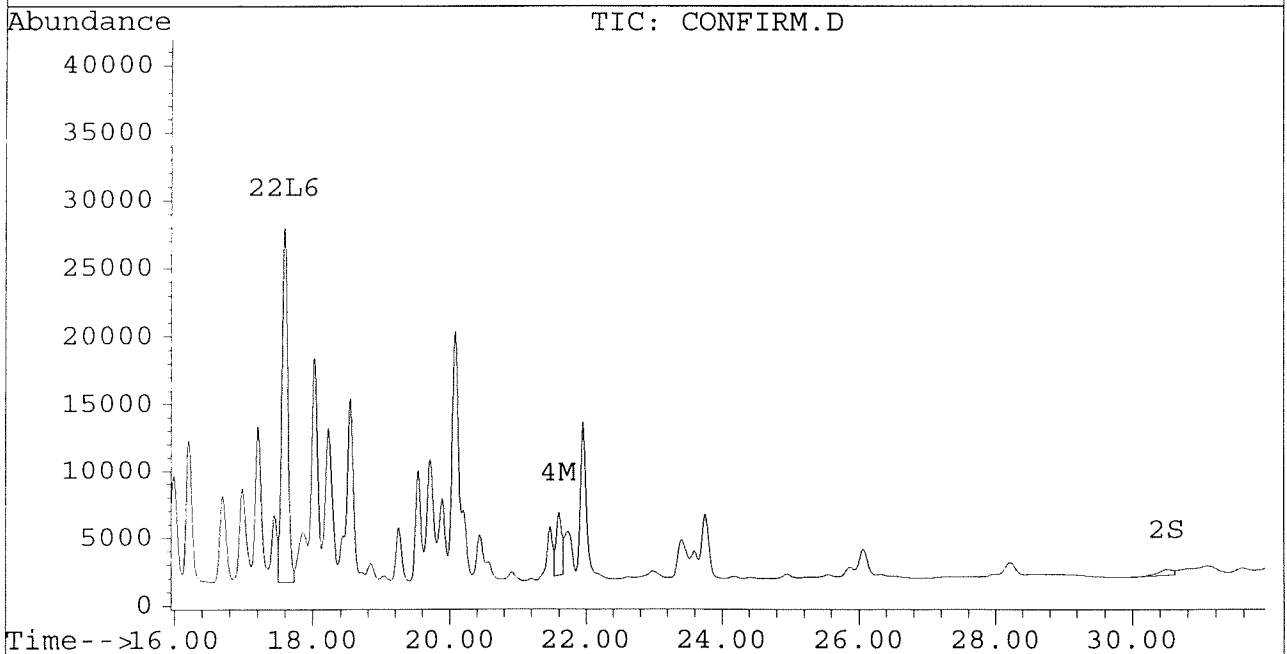
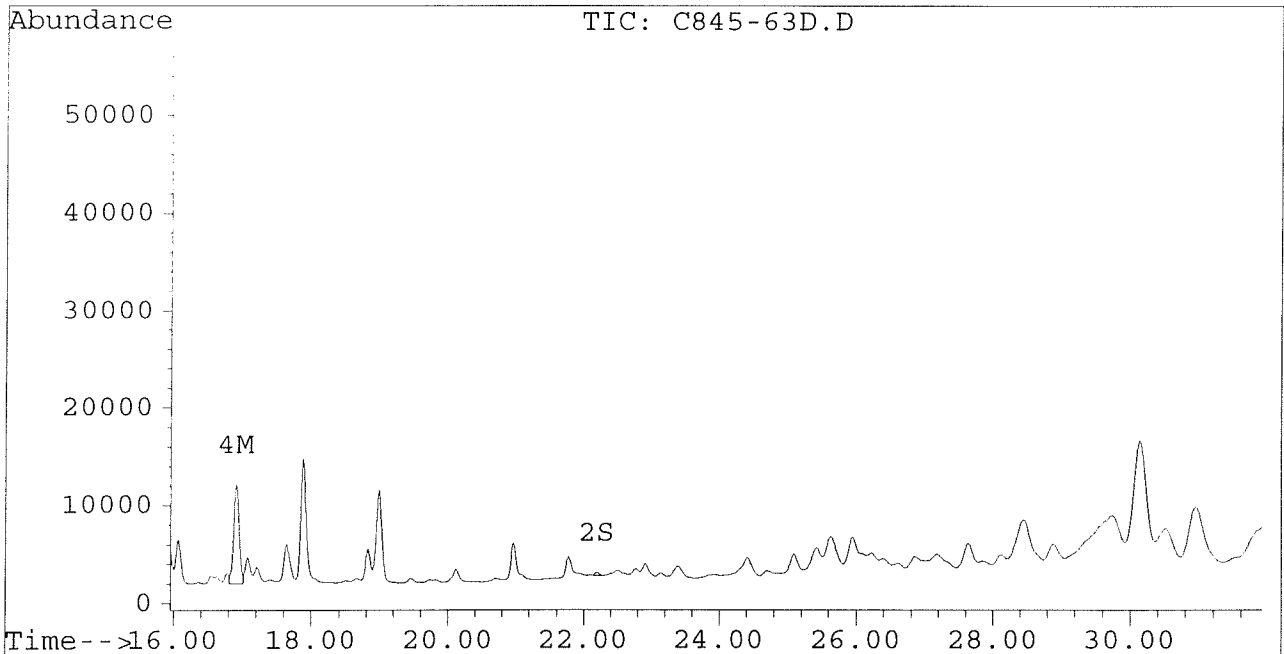
Signal #1 : D:\HPCHEM\5\SE3\C845-63D.D  
Signal #2 : D:\HPCHEM\5\SE3\C845-63D.D\CONFIRM.D  
Acq On : 04 Sep 96 08:12 PM  
Sample : VHB / PN10 1:25 DILUTION  
Misc : 30.1G/10ML 86% SOLID  
Quant Time: Sep 4 20:46 1996

Vial: 46  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-64.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-64.D\CONFIRM.D  
 Acq On : 30 Aug 96 07:22 AM  
 Sample : VHB/ PN11 1:10 DILUTION  
 Misc : 30.4G/10ML 88 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 7:56 1996

Vial: 30  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	780	843	0.003	0.004 #
			Recovery	=	7.50%	10.00%
2) S Decachlorobiphenyl	22.29	0.00	15369	0	0.073	N.D. #
			Recovery	=	182.50%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	154985	116584	1.415	1.217
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	29213	17373	0.156	0.111 #
5) L1 Aroclor-1016	6.85	8.90	55471	10790	1.732	0.802 #
6) L1 Aroclor-1016 {2}	8.99	10.43	49033	49586	2.796	1.776 #
7) L1 Aroclor-1016 {3}	9.38	12.36	84705	28237	3.267	1.636 #
Total Aroclor-1016			189210	88613	7.795	4.214
Average Aroclor-1016					2.598	1.405
8) L2 Aroclor-1221	5.13	8.13	1398	1483	0.200	0.242
9) L2 Aroclor-1221 {2}	5.56	8.67	2854	4086	0.489	0.838 #
10) L2 Aroclor-1221 {3}	5.73	8.90	15803	10790	0.782	0.703
Total Aroclor-1221			20055	16359	1.471	1.783
Average Aroclor-1221					0.490	0.594
11) L3 Aroclor-1232	5.73	8.90	15803	10790	0.866	0.753
12) L3 Aroclor-1232 {2}	6.85	10.43	55471	49586	4.065	4.127
13) L3 Aroclor-1232 {3}	8.66	12.36	33630	28237	4.063	4.072
Total Aroclor-1232			104905	88613	8.994	8.953
Average Aroclor-1232					2.998	2.984
14) L4 Aroclor-1242	8.27	11.78	154985	116584	3.743	3.912
15) L4 Aroclor-1242 {2}	9.38	12.36	84705	28237	4.354	2.137 #
16) L4 Aroclor-1242 {3}	10.13	14.13	79175	61907	4.686	4.653
Total Aroclor-1242			318866	206728	12.783	10.701
Average Aroclor-1242					4.261	3.567
17) L5 Aroclor-1248	9.38	15.08	84705	54194	2.661	2.406
18) L5 Aroclor-1248 {2}	10.13	15.30	79175	57134	2.891	2.448
19) L5 Aroclor-1248 {3}	11.43	16.31	92943	38211	2.671	2.140
Total Aroclor-1248			256823	149539	8.223	6.993
Average Aroclor-1248					2.741	2.331

*to be diluted*

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-64.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-64.D\CONFIRM.D  
 Acq On : 30 Aug 96 07:22 AM  
 Sample : VHB/ PN11 1:10 DILUTION  
 Misc : 30.4G/10ML 88 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 7:56 1996

Vial: 30  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	54762	49388	1.753	1.828
21) L6 Aroclor-1254 {2}	13.48	15.84	89947	53875	2.083	1.852
22) L6 Aroclor-1254 {3}	15.88	17.70	74788	84160	2.329	2.113
Total Aroclor-1254			219497	187423	6.165	5.793
Average Aroclor-1254					<i>to be diluted</i> 2.055	1.931
23) L7 Aroclor-1260	13.98	18.33	43083	28791	1.242	0.900 #
24) L7 Aroclor-1260 {2}	14.76	18.65	39596	34725	0.974	0.965
25) L7 Aroclor-1260 {3}	17.98	22.07	31440	14373	0.544	0.269 #
Total Aroclor-1260			114119	77889	2.759	2.135
Average Aroclor-1260					0.920	0.712
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.55	0	3828	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

↓

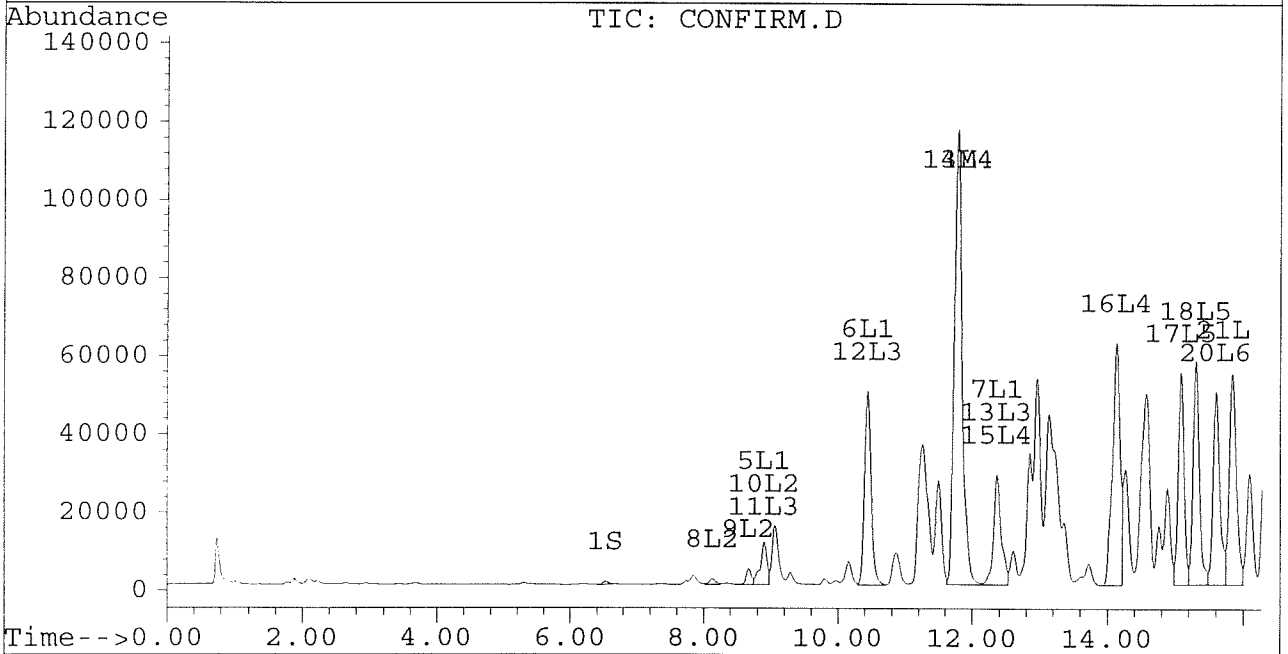
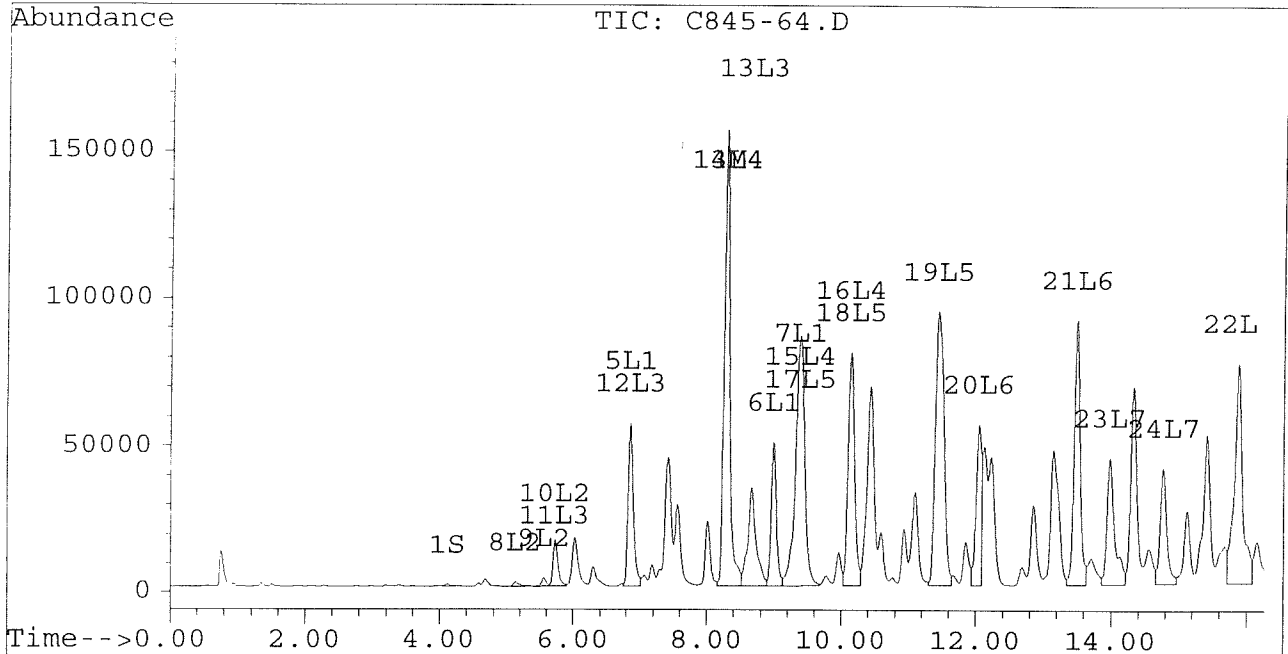
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-64.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-64.D\CONFIRM.D  
Acq On : 30 Aug 96 07:22 AM  
Sample : VHB/ PN11 1:10 DILUTION  
Misc : 30.4G/10ML 88 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 7:56 1996

Vial: 30  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM

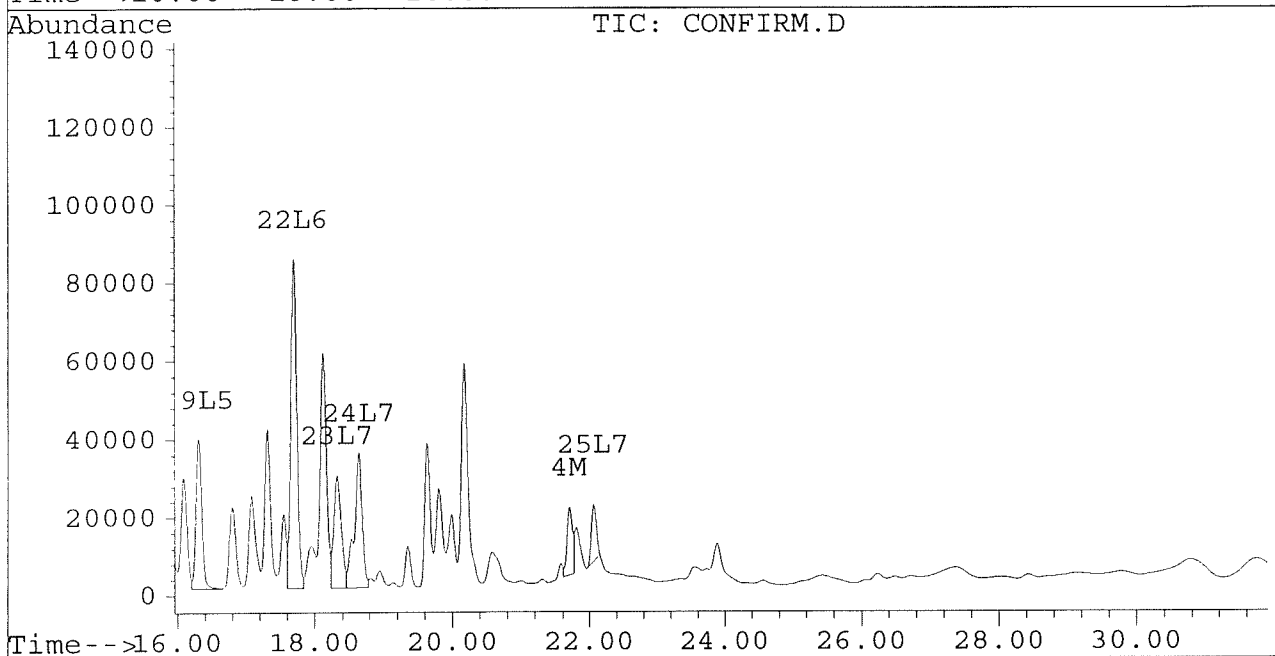
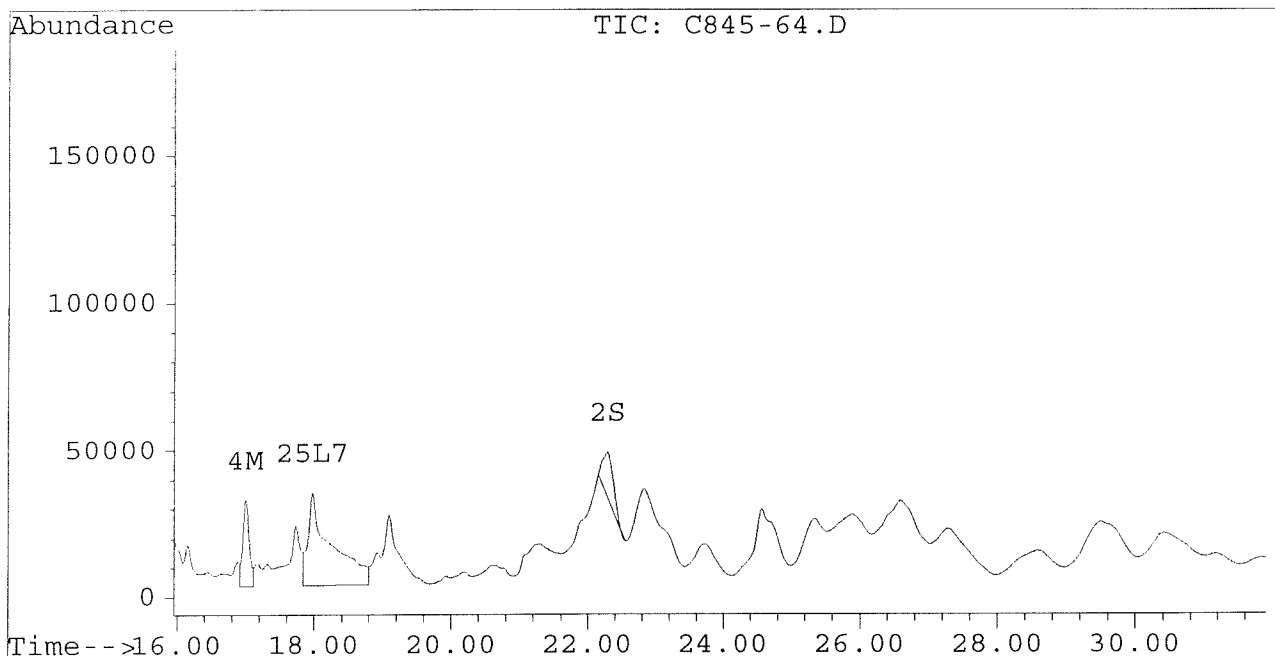


Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-64.D Vial: 30  
Signal #2 : D:\HPCHEM\5\AU29\C845-64.D\CONFIRM.D  
Acq On : 30 Aug 96 07:22 AM Operator: JS  
Sample : VHB/ PN11 1:10 DILUTION Inst : ECD1  
Misc : 30.4G/10ML 88 % SOLID PCB ANALYSIS Multiplr: 1.00  
Quant Time: Aug 30 7:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-64C.D  
 Signal #2 : D:\HPCHEM\5\SE3\C845-64C.D\CONFIRM.D  
 Acq On : 03 Sep 96 06:45 PM  
 Sample : VHB / PN11 1:50 DILUTION  
 Misc : 30.4G/10ML 88% SOLID  
 Quant Time: Sep 3 19:19 1996

Vial: 9

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.06	6.46	179	187	0.001	0.001 #
			Recovery	=	2.50%	2.50%
2) S Decachlorobiphenyl	0.00	30.50	0	265	N.D.	0.003 #
			Recovery	=	0.00%	7.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.69	38974	28381	0.356	0.296
4) M 2,2',3,3',4,4'-Hexa	16.91	21.60	5427	3487	0.029	0.022
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.69	38974	28381	0.941	0.952
15) L4 Aroclor-1242 {2}	9.30	12.28	22872	6703	1.176	0.507 #
16) L4 Aroclor-1242 {3}	10.05	14.04	20320	15844	1.203	1.191
Total Aroclor-1242			82166	50927	3.320	2.650
Average Aroclor-1242					1.107	0.883
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-64C.D  
 Signal #2 : D:\HPCHEM\5\SE3\C845-64C.D\CONFIRM.D  
 Acq On : 03 Sep 96 06:45 PM  
 Sample : VHB / PN11 1:50 DILUTION  
 Misc : 30.4G/10ML 88% SOLID  
 Quant Time: Sep 3 19:19 1996

Vial: 9

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	14226	12867	0.456	0.476
21) L6 Aroclor-1254 {2}	13.40	15.74	21231	13877	0.492	0.477
22) L6 Aroclor-1254 {3}	15.79	17.60	15874	20006	0.494	0.502
Total Aroclor-1254			51330	46749	1.441	1.455
Average Aroclor-1254					0.480	0.485
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	977	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	2612	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.79	0.00	493	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR_{1242} = \frac{2.117 \times 10 \text{ mL} \times 1.5 \times 50}{30.4 \times 0.88} = 59,000 \text{ P}$$

$$AR_{1254} = \frac{0.986 \times 10 \text{ mL} \times 1.5 \times 50}{30.4 \times 0.88} = 28,000 \text{ P}$$

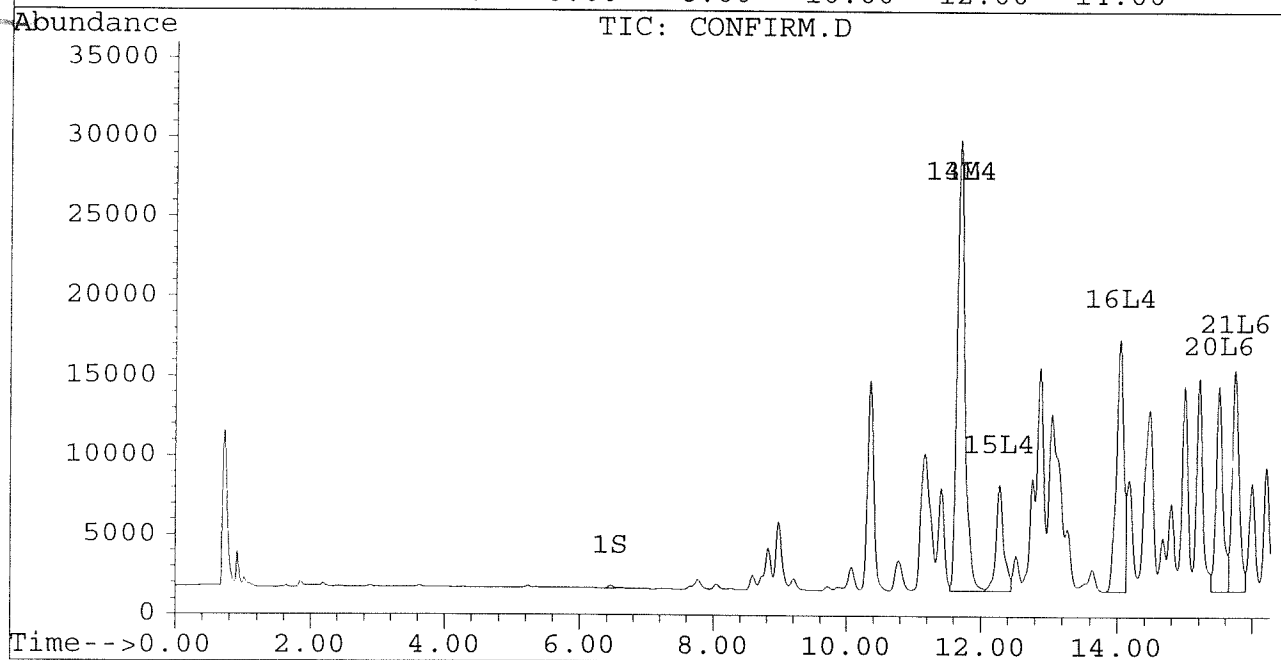
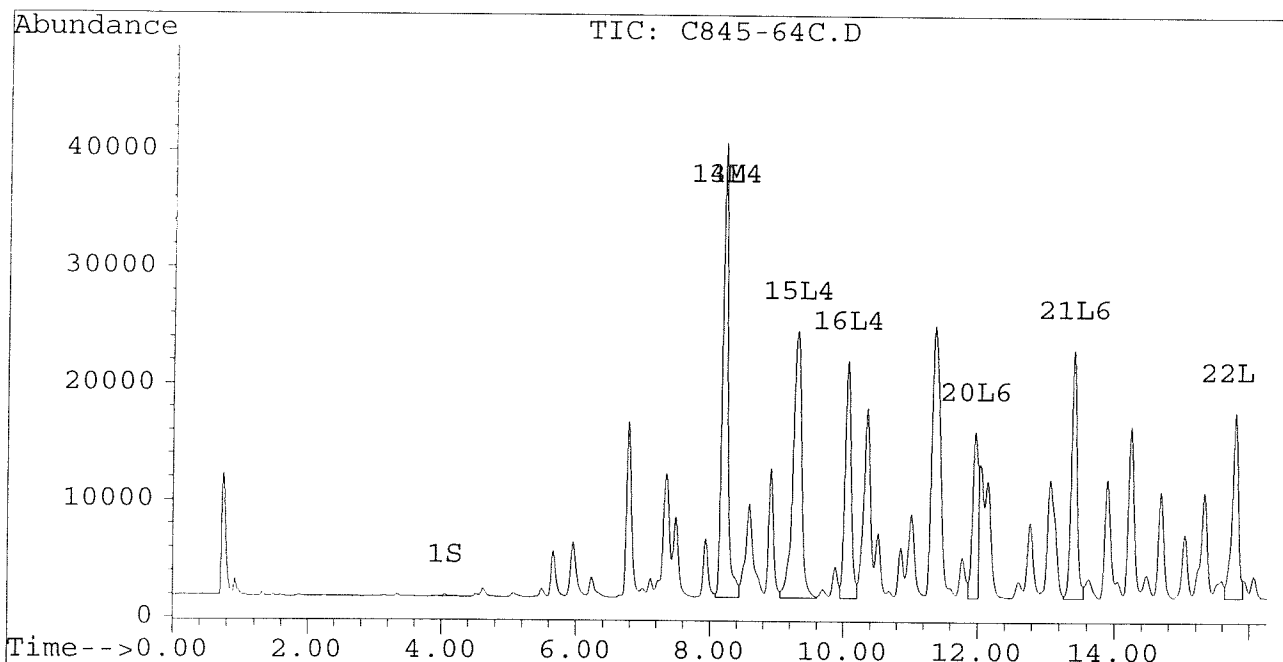
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-64C.D  
Signal #2 : D:\HPCHEM\5\SE3\C845-64C.D\CONFIRM.D  
Acq On : 03 Sep 96 06:45 PM  
Sample : VHB / PN11 1:50 DILUTION  
Misc : 30.4G/10ML 88% SOLID  
Quant Time: Sep 3 19:19 1996

Vial: 9  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM





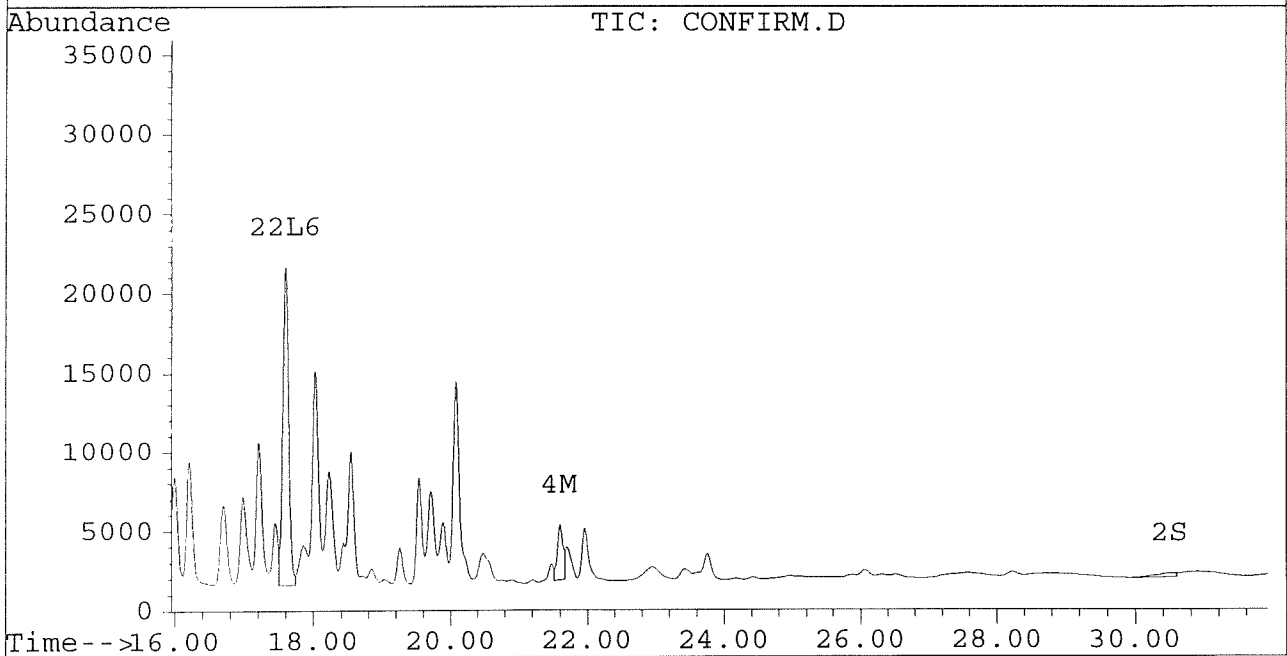
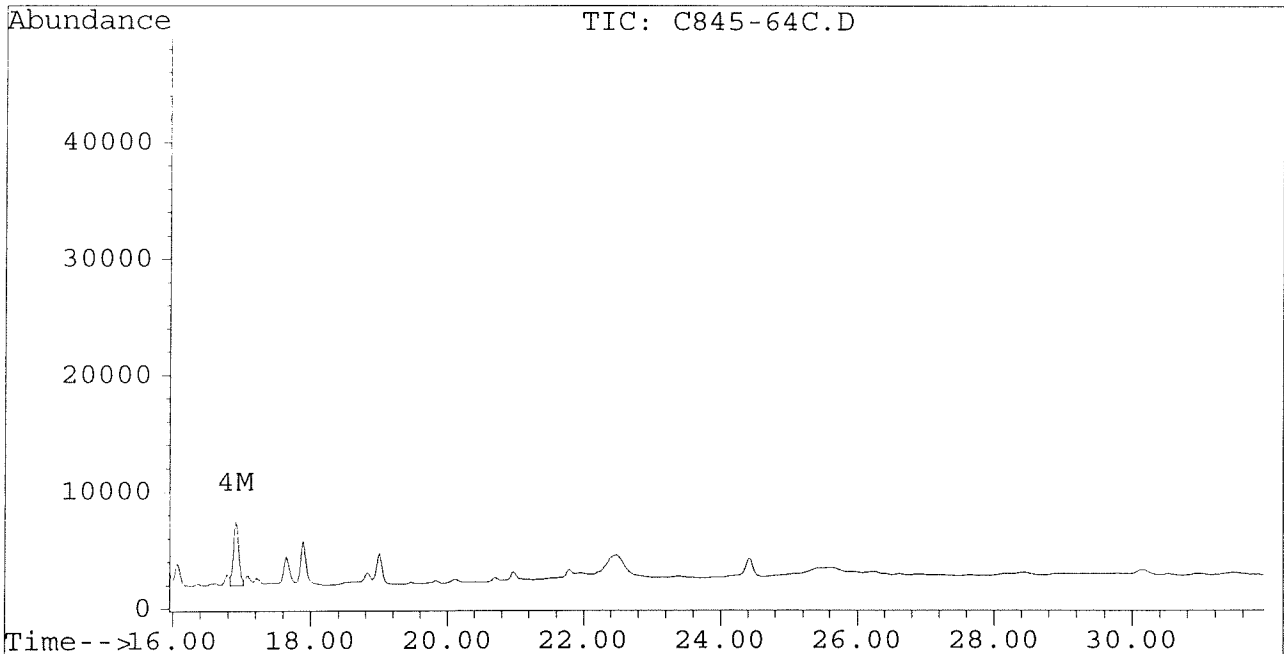
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-64C.D  
Signal #2 : D:\HPCHEM\5\SE3\C845-64C.D\CONFIRM.D  
Acq On : 03 Sep 96 06:45 PM  
Sample : VHB / PN11 1:50 DILUTION  
Misc : 30.4G/10ML 88% SOLID  
Quant Time: Sep 3 19:19 1996

Vial: 9  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-65.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-65.D\CONFIRM.D  
 Acq On : 30 Aug 96 07:58 AM  
 Sample : VHB/ PN12 1:10 DILUTION  
 Misc : 30.5G/10ML 88 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 8:31 1996

Vial: 31  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	782	742	0.003	0.004
			Recovery	=	7.50%	10.00%
2) S Decachlorobiphenyl	22.32	0.00	2014	0	0.010	N.D. #
			Recovery	=	25.00%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.78	20003	14986	0.183	0.156
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	4764	3195	0.025	0.020
5) L1 Aroclor-1016	6.85	8.90	2460	337	0.077	0.025 #
6) L1 Aroclor-1016 {2}	8.99	10.44	5820	2619	0.332	0.094 #
7) L1 Aroclor-1016 {3}	9.38	12.36	12990	3025	0.501	0.175 #
Total Aroclor-1016			21270	5981	0.910	0.294
Average Aroclor-1016					0.303	0.098
8) L2 Aroclor-1221	0.00	8.12	0	349	N.D.	0.057 #
9) L2 Aroclor-1221 {2}	5.55	8.67	124	238	0.021	0.049 #
10) L2 Aroclor-1221 {3}	5.73	8.90	854	337	0.042	0.022 #
Total Aroclor-1221			978	924	0.064	0.128
Average Aroclor-1221					0.032	0.043
11) L3 Aroclor-1232	5.73	8.90	854	337	0.047	0.024 #
12) L3 Aroclor-1232 {2}	6.85	10.44	2460	2619	0.180	0.218
13) L3 Aroclor-1232 {3}	8.66	12.36	2329	3025	0.281	0.436 #
Total Aroclor-1232			5643	5981	0.508	0.678
Average Aroclor-1232					0.169	0.226
14) L4 Aroclor-1242	8.28	11.78	20003	14986	0.483	0.503
15) L4 Aroclor-1242 {2}	9.38	12.36	12990	3025	0.668	0.229 #
16) L4 Aroclor-1242 {3}	10.13	14.13	11889	8977	0.704	0.675
Total Aroclor-1242			44881	26989	1.854	1.407
Average Aroclor-1242					0.618	0.469
17) L5 Aroclor-1248	9.38	15.08	12990	8985	0.408	0.399
18) L5 Aroclor-1248 {2}	10.13	15.30	11889	8487	0.434	0.364
19) L5 Aroclor-1248 {3}	11.43	16.31	17173	5452	0.494	0.305 #
Total Aroclor-1248			42052	22924	1.336	1.068
Average Aroclor-1248					0.445	0.356

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-65.D Vial: 31  
 Signal #2 : D:\HPCHEM\5\AU29\C845-65.D\CONFIRM.D  
 Acq On : 30 Aug 96 07:58 AM Operator: JS  
 Sample : VHB/ PN12 1:10 DILUTION Inst : ECD1  
 Misc : 30.5G/10ML 88 % SOLID PCB ANALYSIS Multiplr: 1.00  
 Quant Time: Aug 30 8:31 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	11788	9427	0.377	0.349
21) L6 Aroclor-1254 {2}	13.48	15.84	18522	11126	0.429	0.382
22) L6 Aroclor-1254 {3}	15.87	17.70	14246	17196	0.444	0.432
Total Aroclor-1254			44557	37750	1.250	1.163
Average Aroclor-1254					0.417	0.388
23) L7 Aroclor-1260	13.98	18.33	8529	5447	0.246	0.170 #
24) L7 Aroclor-1260 {2}	14.76	18.65	7772	6777	0.191	0.188
25) L7 Aroclor-1260 {3}	17.98	22.07	3892	1564	0.067	0.029 #
Total Aroclor-1260			20193	13787	0.504	0.388
Average Aroclor-1260					0.168	0.129
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242 
$$\frac{1.151 \times 10 \text{ mL} \times 1.5 \times 10}{30.5 \times 0.88} = 6400$$

AR1254 = 
$$\frac{0.873 \times 10 \text{ mL} \times 1.5 \times 10}{30.5 \times 0.88} = 4900$$

K

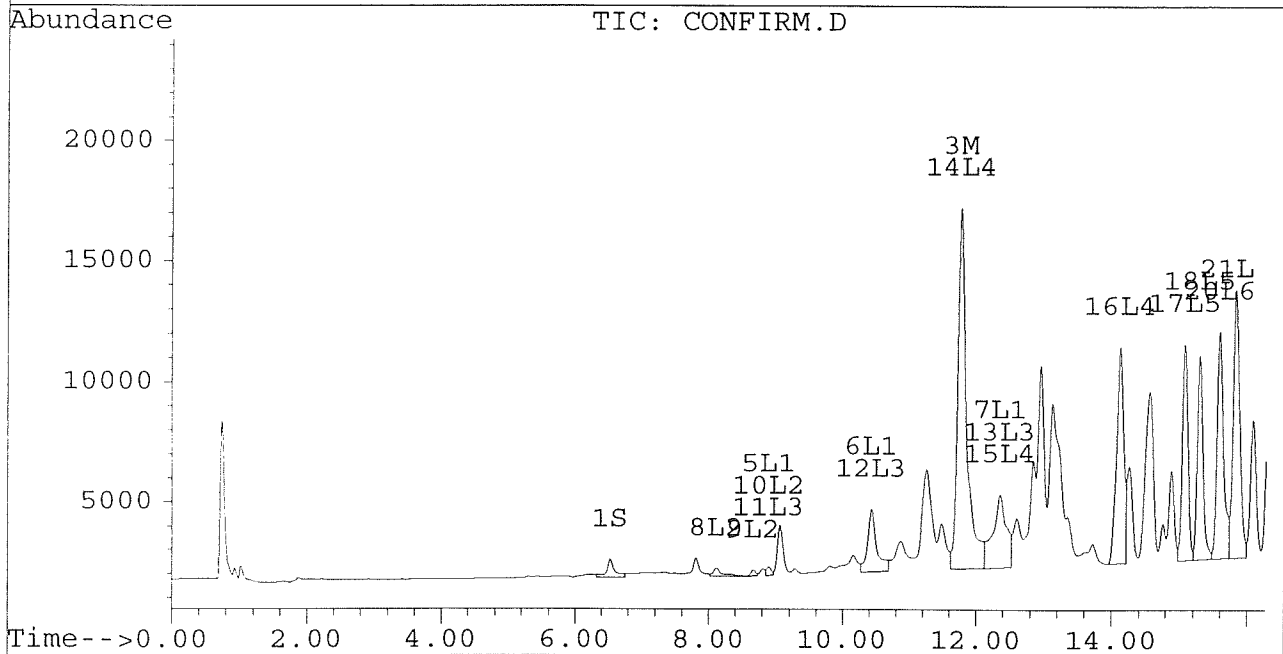
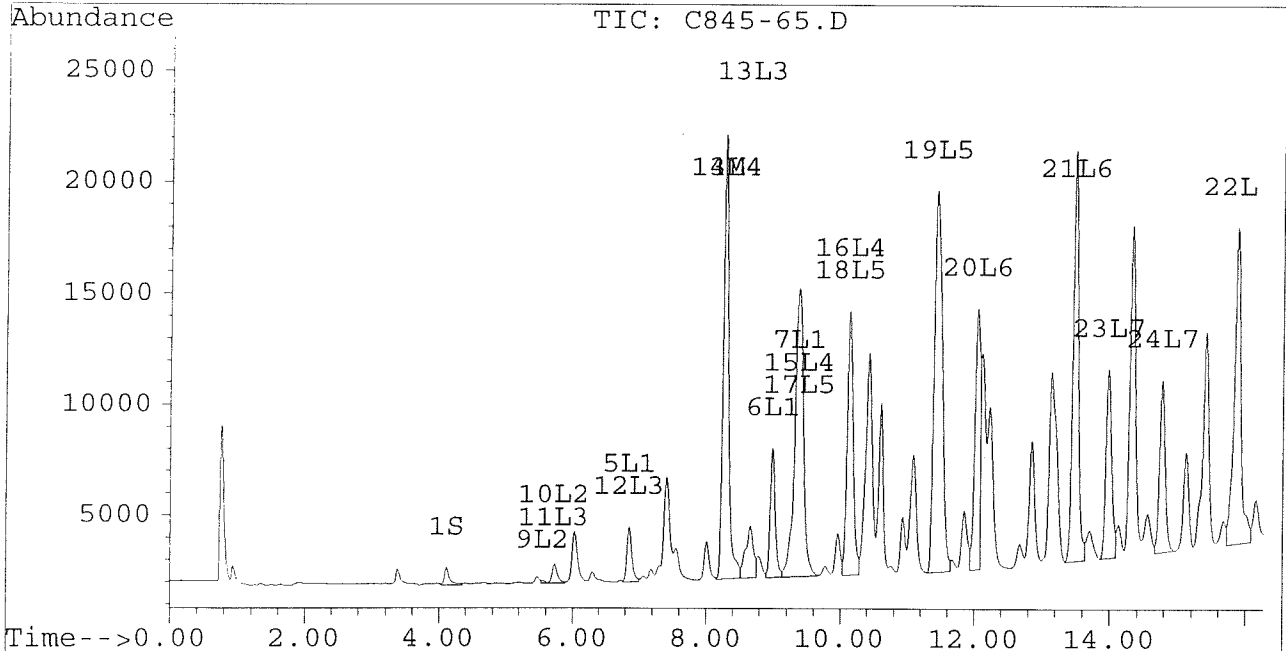
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-65.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-65.D\CONFIRM.D  
Acq On : 30 Aug 96 07:58 AM  
Sample : VHB/ PN12 1:10 DILUTION  
Misc : 30.5G/10ML 88 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 8:31 1996

Vial: 31  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



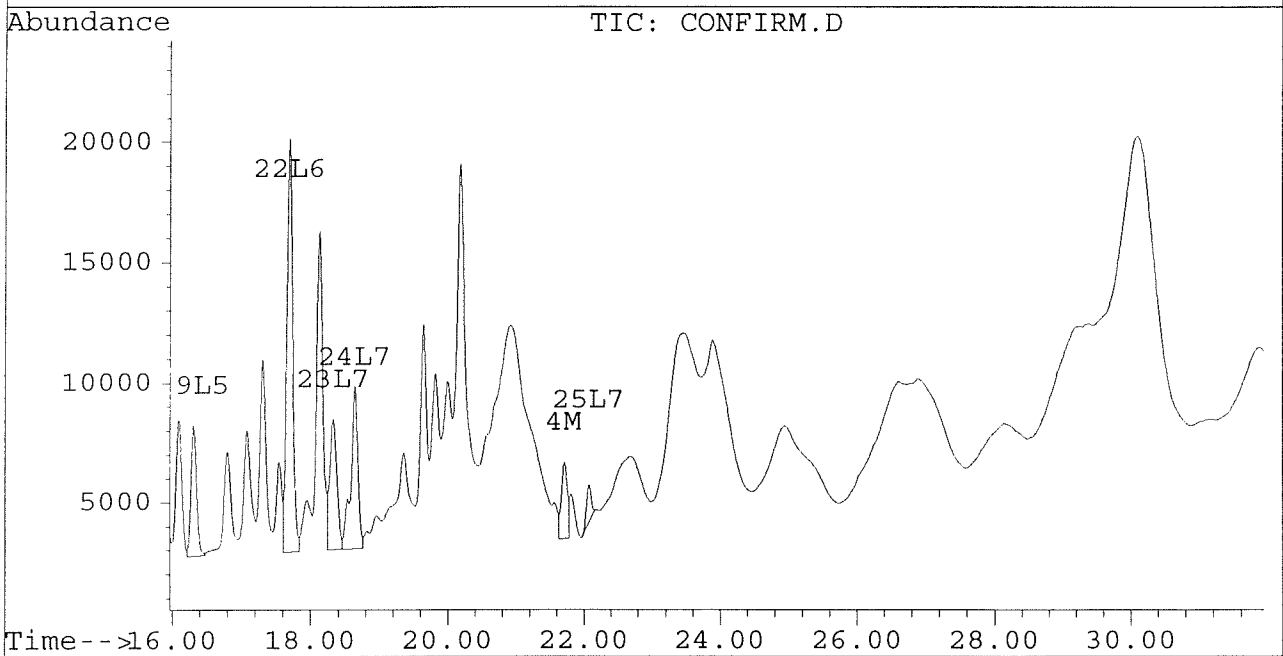
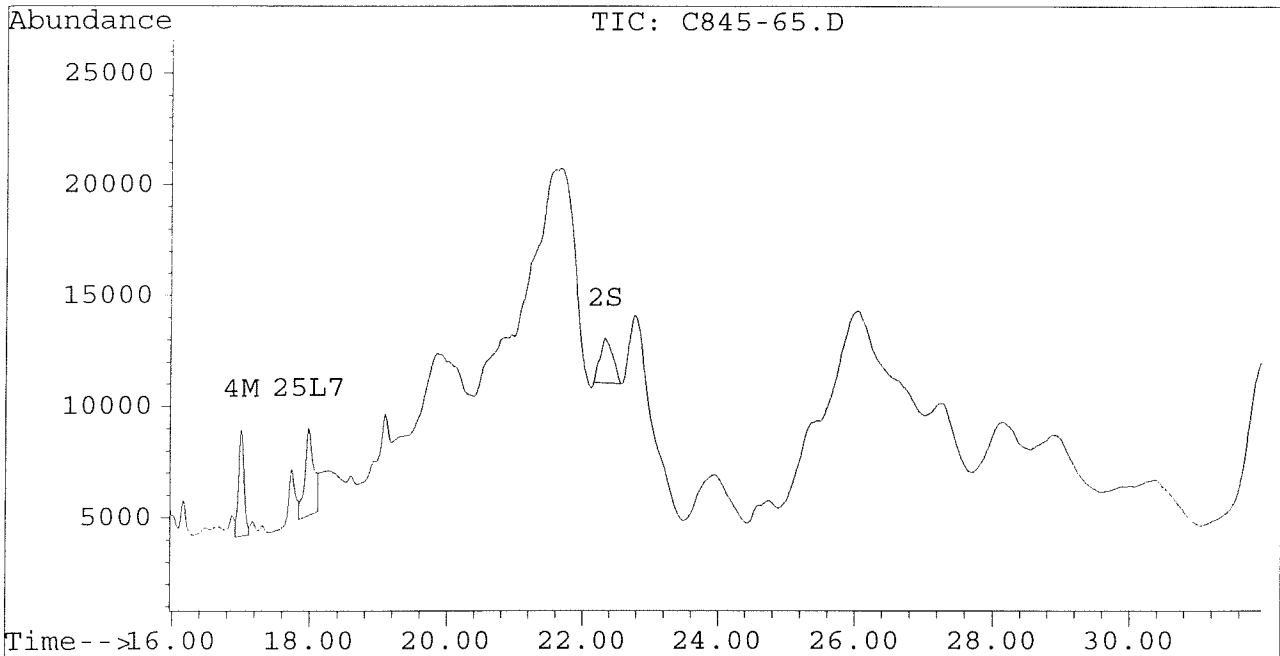
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-65.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-65.D\CONFIRM.D  
Acq On : 30 Aug 96 07:58 AM  
Sample : VHB/ PN12 1:10 DILUTION  
Misc : 30.5G/10ML 88 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 8:31 1996

Vial: 31  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-66.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-66.D\CONFIRM.D  
 Acq On : 30 Aug 96 08:33 AM  
 Sample : VHB/ PO10 1:10 DILUTION  
 Misc : 30.2G/10ML 88 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 9:07 1996

Vial: 32

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	843	827	0.004	0.004
			Recovery	=	10.00%	10.00%
2) S Decachlorobiphenyl	22.30	0.00	1162	0	0.005	N.D. #
			Recovery	=	12.50%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	131562	99169	1.201	1.035
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	20609	13940	0.110	0.089
5) L1 Aroclor-1016	6.85	8.90	40421	6706	1.262	0.498 #
6) L1 Aroclor-1016 {2}	8.99	10.43	38864	36656	2.216	1.313 #
7) L1 Aroclor-1016 {3}	9.38	12.36	71069	20725	2.741	1.201 #
Total Aroclor-1016			150354	64088	6.219	3.012
Average Aroclor-1016					2.073	1.004
8) L2 Aroclor-1221	5.14	8.12	725	859	0.103	0.140 #
9) L2 Aroclor-1221 {2}	5.56	8.67	1708	3392	0.293	0.695 #
10) L2 Aroclor-1221 {3}	5.73	8.90	11369	6706	0.563	0.437
Total Aroclor-1221			13802	10957	0.959	1.273
Average Aroclor-1221					0.320	0.424
11) L3 Aroclor-1232	5.73	8.90	11369	6706	0.623	0.468
12) L3 Aroclor-1232 {2}	6.85	10.43	40421	36656	2.962	3.051
13) L3 Aroclor-1232 {3}	8.66	12.36	23954	20725	2.894	2.989
Total Aroclor-1232			75744	64088	6.479	6.508
Average Aroclor-1232					2.160	2.169
14) L4 Aroclor-1242	8.27	11.78	131562	99169	3.177	3.327
15) L4 Aroclor-1242 {2}	9.38	12.36	71069	20725	3.653	1.568 #
16) L4 Aroclor-1242 {3}	10.13	14.13	66531	54408	3.938	4.089
Total Aroclor-1242			269163	174302	10.768	8.985
Average Aroclor-1242					3.589	2.995
17) L5 Aroclor-1248	9.38	15.08	71069	48597	2.233	2.157
18) L5 Aroclor-1248 {2}	10.13	15.30	66531	53415	2.429	2.288
19) L5 Aroclor-1248 {3}	11.43	16.31	78707	37224	2.262	2.085
Total Aroclor-1248			216308	139237	6.924	6.530
Average Aroclor-1248					2.308	2.177

*to be added*

3.177  
3.653  
3.938

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-66.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-66.D\CONFIRM.D  
 Acq On : 30 Aug 96 08:33 AM  
 Sample : VHB/ PO10 1:10 DILUTION  
 Misc : 30.2G/10ML 88 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 9:07 1996

Vial: 32  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	44562	43799	1.427	1.621
21) L6 Aroclor-1254 {2}	13.48	15.83	71279	46808	1.651	1.609
22) L6 Aroclor-1254 {3}	15.87	17.70	54217	68786	1.688	1.727
Total Aroclor-1254			170058	159393	4.766	4.957
Average Aroclor-1254					1.589	1.652
23) L7 Aroclor-1260	13.98	18.33	34469	24152	0.993	0.755
24) L7 Aroclor-1260 {2}	14.76	18.64	30483	28347	0.750	0.788
25) L7 Aroclor-1260 {3}	17.97	22.06	17686	11351	0.306	0.212 #
Total Aroclor-1260			82639	63849	2.049	1.756
Average Aroclor-1260					0.683	0.585
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR 1254 =  $\frac{3.339 \times 10 \text{ mL} \times 1.5 \times 10}{30.2 \times 0.88} = 19, \mu\text{g}$

Quantitation Report

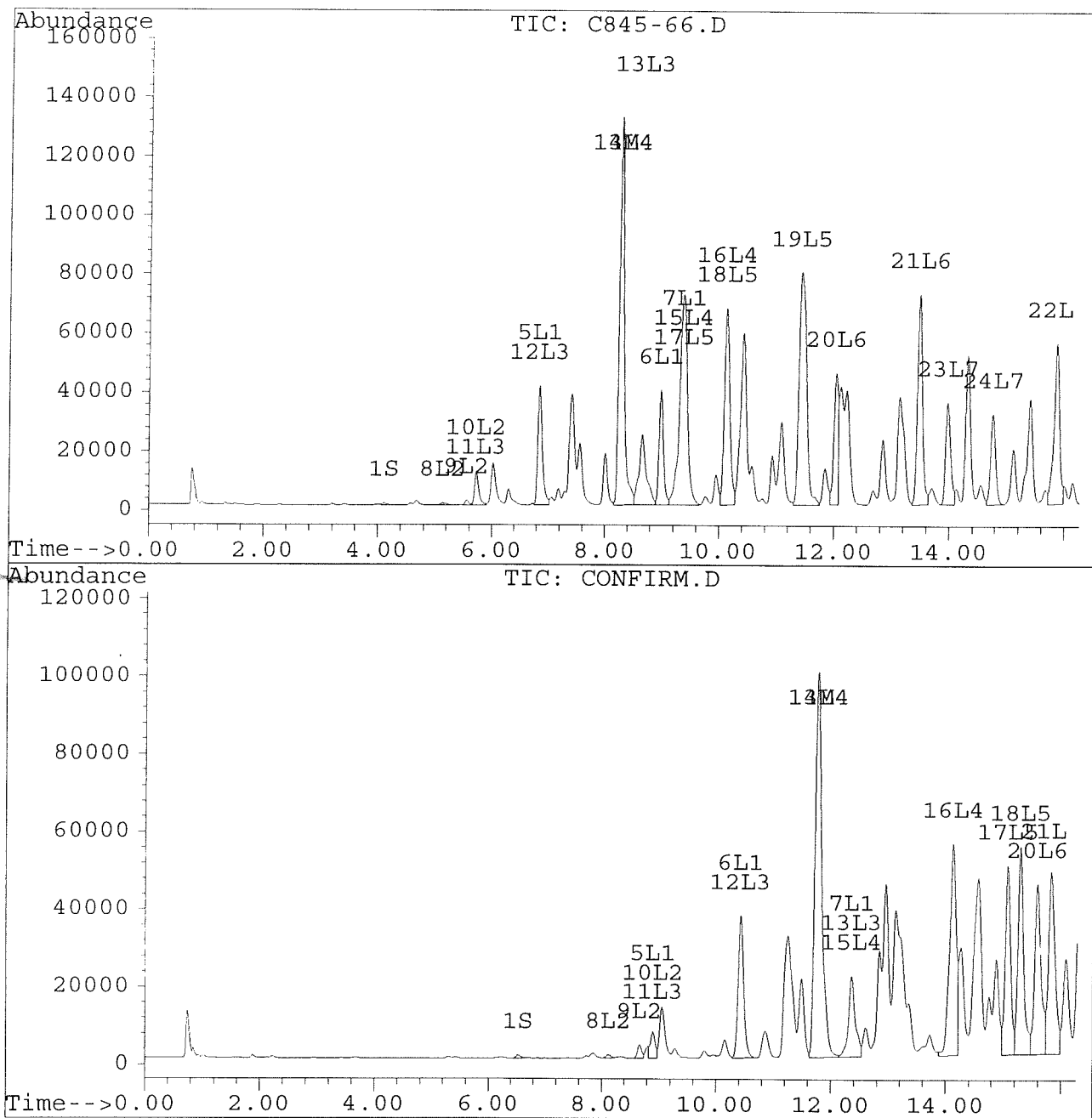
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Signal #2 : D:\HPCHEM\5\AU29\C845-66.D\CONFIRM.D  
Acq On : 30 Aug 96 08:33 AM  
Sample : VHB/ PO10 1:10 DILUTION  
Misc : 30.2G/10ML 88 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 9:07 1996

Vial: 32  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



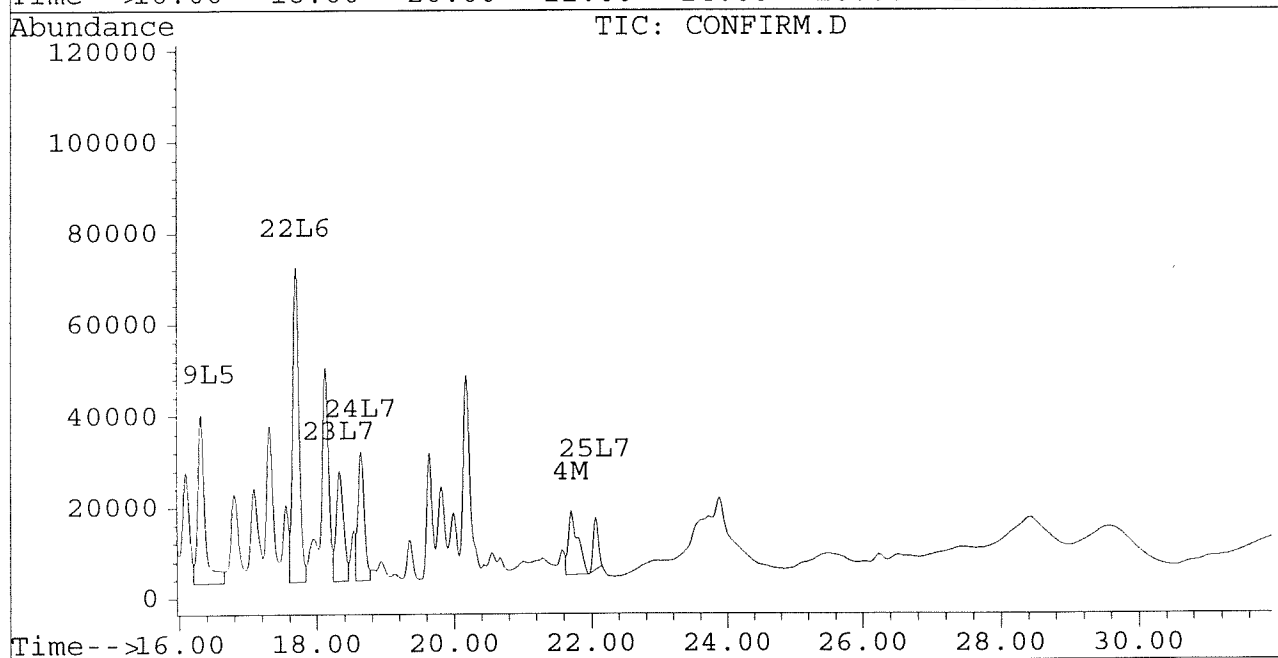
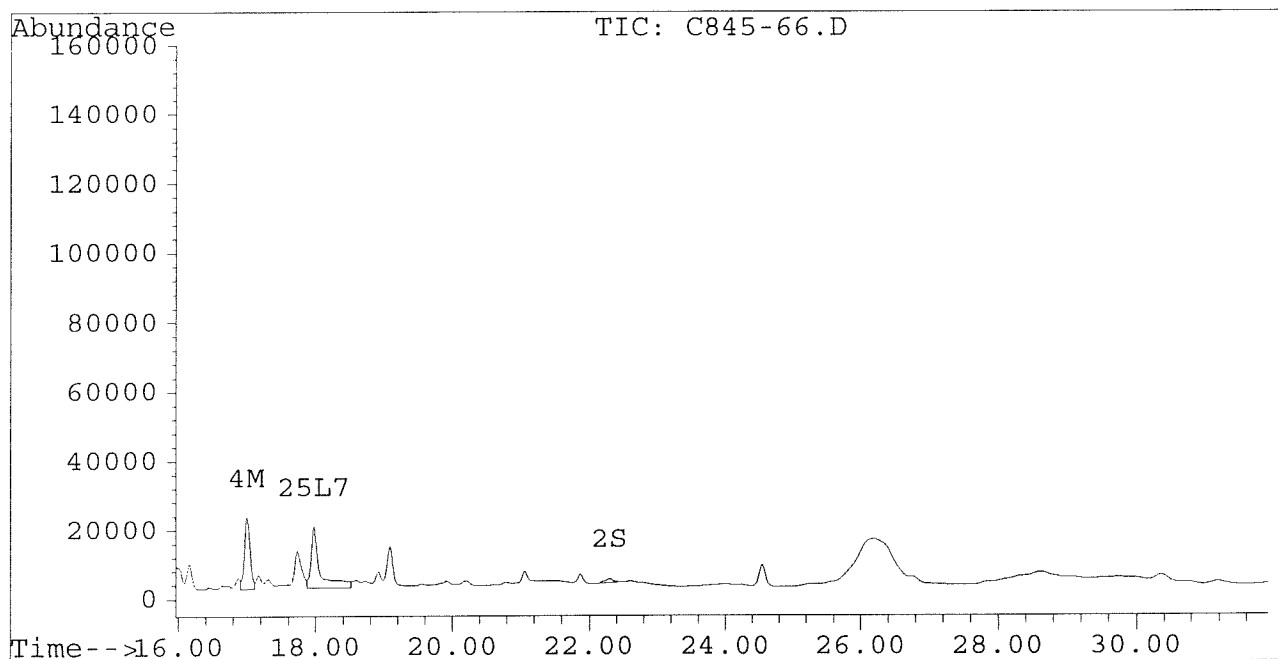


Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-66.D Vial: 32  
Signal #2 : D:\HPCHEM\5\AU29\C845-66.D\CONFIRM.D  
Acq On : 30 Aug 96 08:33 AM Operator: JS  
Sample : VHB/ PO10 1:10 DILUTION Inst : ECD1  
Misc : 30.2G/10ML 88 % SOLID PCB ANALYSIS Multiplr: 1.00  
Quant Time: Aug 30 9:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-66C.D  
 Signal #2 : D:\HPCHEM\5\SE3\C845-66C.D\CONFIRM.D  
 Acq On : 03 Sep 96 09:07 PM  
 Sample : VHB / PO10 1:25 DILUTION  
 Misc : 30.2G/10ML 88% SOLID  
 Quant Time: Sep 3 21:41 1996

Vial: 13  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.05	6.46	349	351	0.001	0.002 #
			Recovery	=	2.50%	5.00%
2) S Decachlorobiphenyl	22.20	30.48	418	226	0.002	0.003 #
			Recovery	=	5.00%	7.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.69	54500	41212	0.498	0.430
4) M 2,2',3,3',4,4'-Hexa	16.91	21.60	7443	4566	0.040	0.029 #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.69	54500	41212	1.316	1.383
15) L4 Aroclor-1242 {2}	9.30	12.27	31466	8325	1.617	0.630 #
16) L4 Aroclor-1242 {3}	10.05	14.04	28364	22802	1.679	1.714
Total Aroclor-1242			114330	72339	4.612	3.727
Average Aroclor-1242					1.537	1.242
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-66C.D  
 Signal #2 : D:\HPCHEM\5\SE3\C845-66C.D\CONFIRM.D  
 Acq On : 03 Sep 96 09:07 PM  
 Sample : VHB / PO10 1:25 DILUTION  
 Misc : 30.2G/10ML 88% SOLID  
 Quant Time: Sep 3 21:41 1996

Vial: 13  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	18907	17692	0.605	0.655
21) L6 Aroclor-1254 {2}	13.40	15.74	28716	18973	0.665	0.652
22) L6 Aroclor-1254 {3}	15.79	17.60	21143	27705	0.658	0.696
Total Aroclor-1254			68766	64370	1.929	2.003
Average Aroclor-1254					0.643	0.668
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.83	0.00	1415	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	3995	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78f	0.00	983	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR 1242 = \frac{2.933 \times 10 \text{ mL} \times 1.5 \times 25}{30.2 \times 0.88} = 41,000 \text{ D}$$

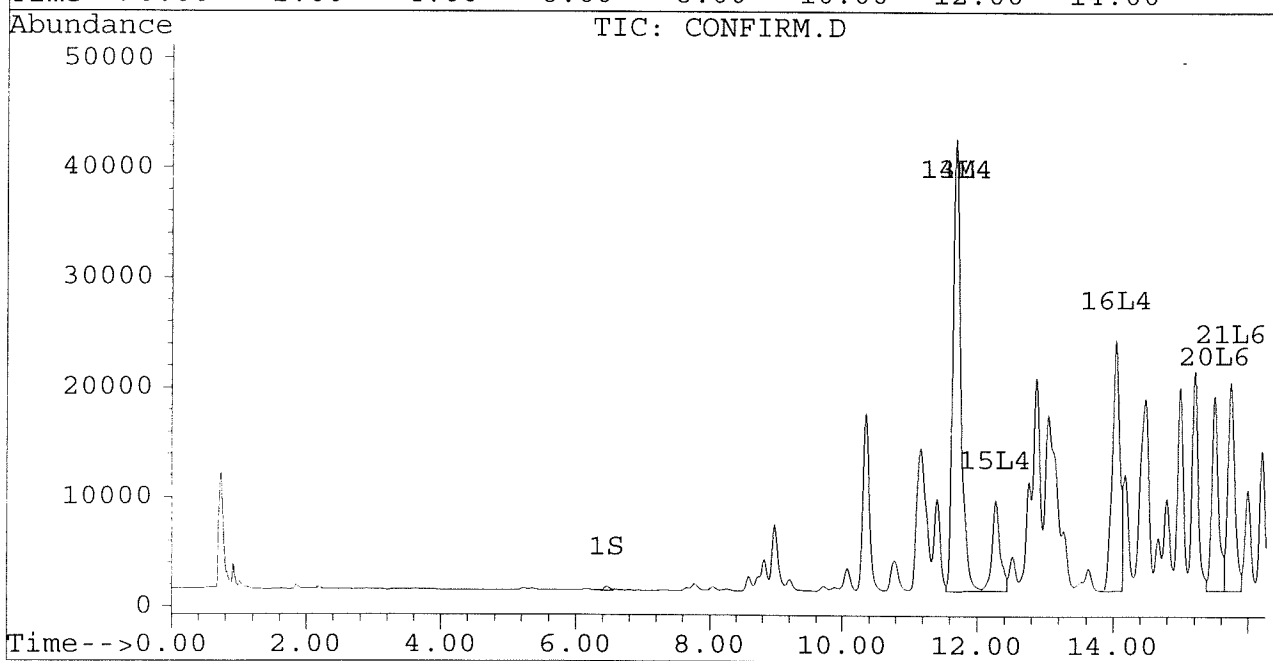
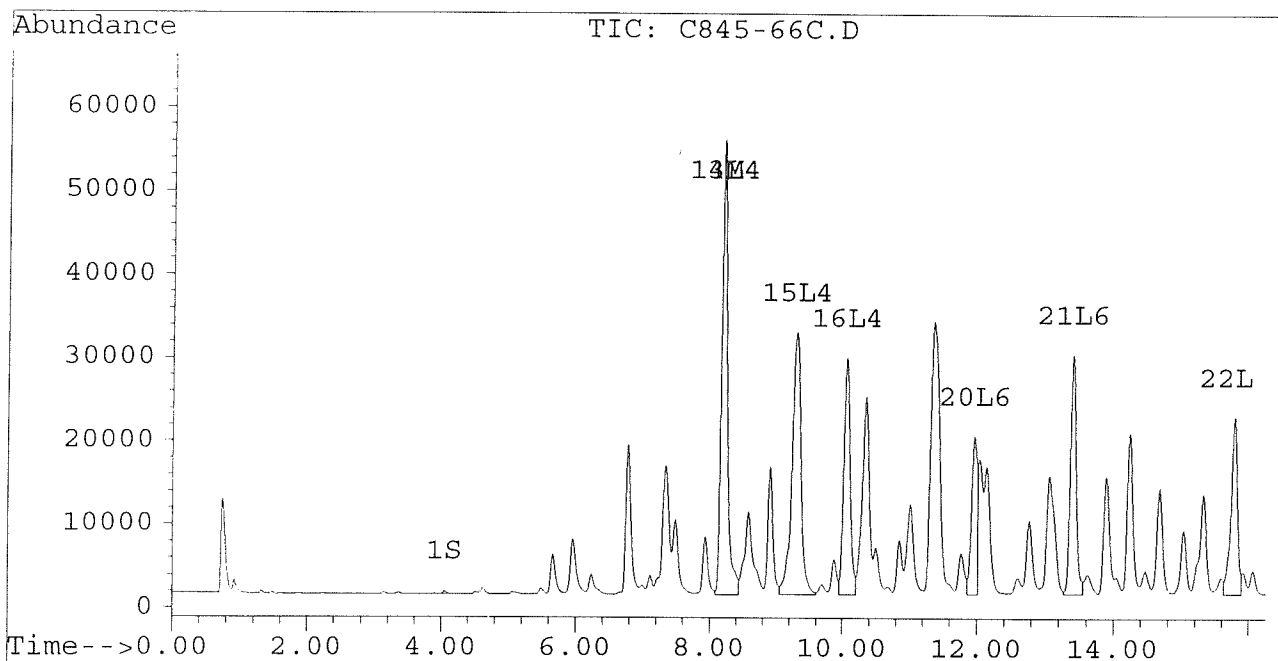
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-66C.D  
Signal #2 : D:\HPCHEM\5\SE3\C845-66C.D\CONFIRM.D  
Acq On : 03 Sep 96 09:07 PM  
Sample : VHB / PO10 1:25 DILUTION  
Misc : 30.2G/10ML 88% SOLID  
Quant Time: Sep 3 21:41 1996

Vial: 13  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

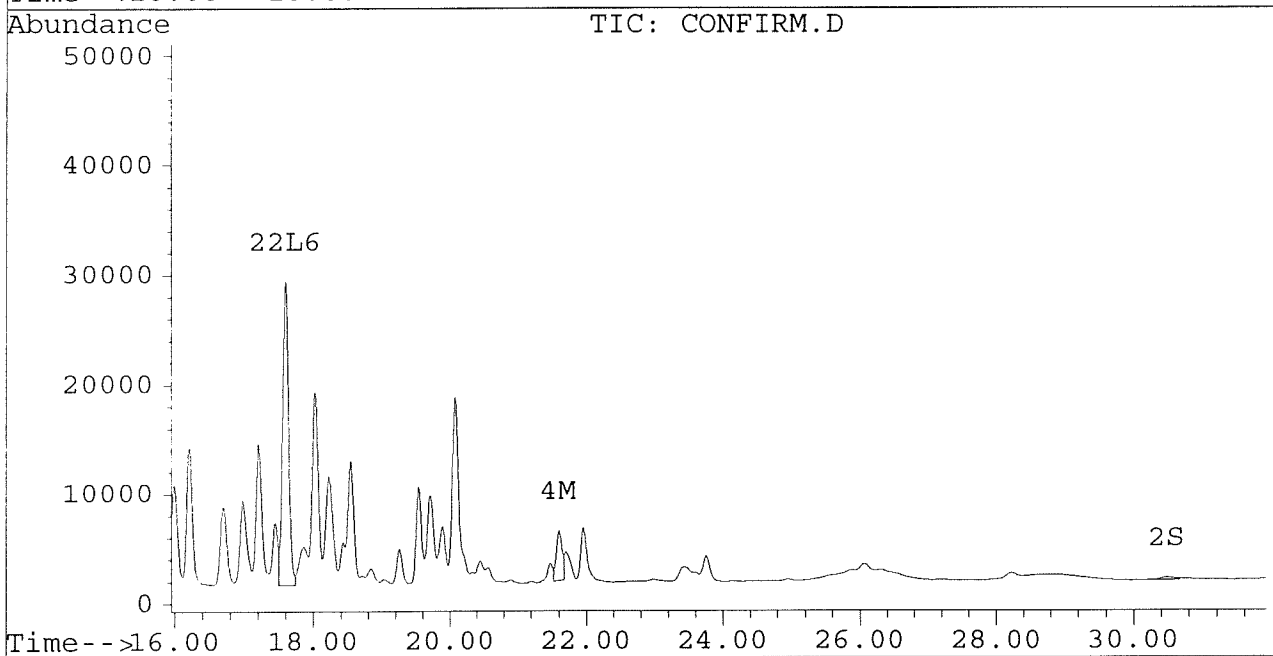
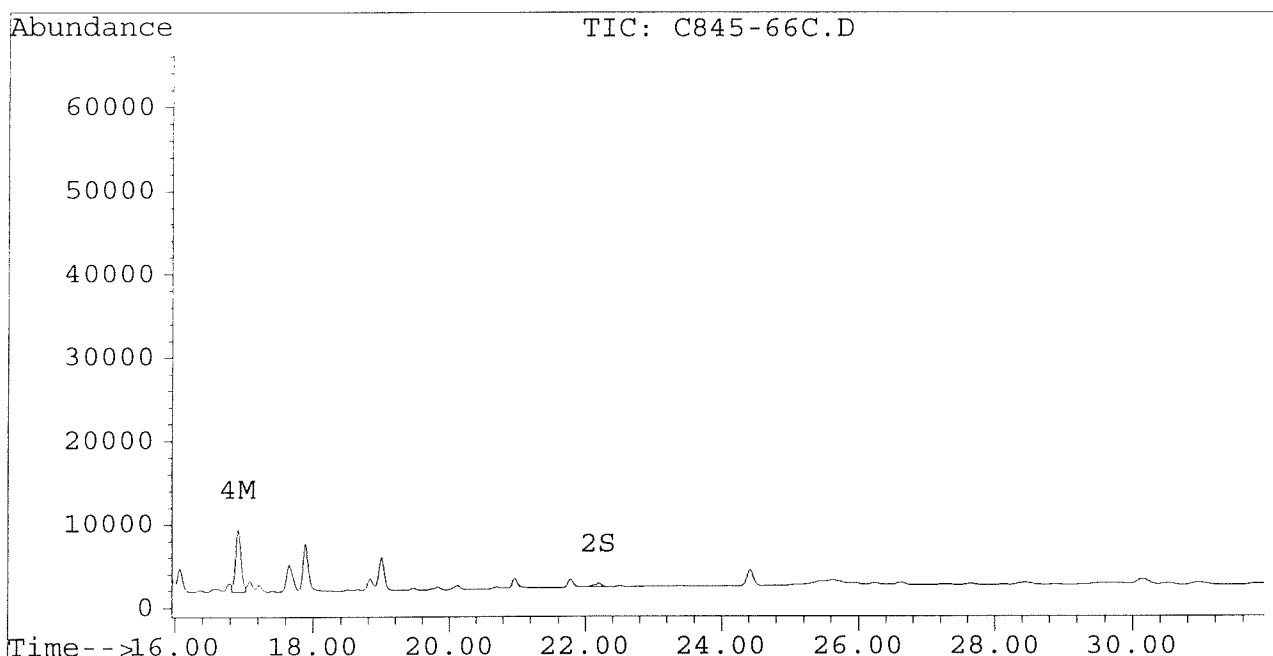
Signal #1 : D:\HPCHEM\5\SE3\C845-66C.D  
Signal #2 : D:\HPCHEM\5\SE3\C845-66C.D\CONFIRM.D  
Acq On : 03 Sep 96 09:07 PM  
Sample : VHB / PO10 1:25 DILUTION  
Misc : 30.2G/10ML 88% SOLID  
Quant Time: Sep 3 21:41 1996

Vial: 13

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-67.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-67.D\CONFIRM.D  
 Acq On : 30 Aug 96 09:09 AM  
 Sample : VHB/ PO10 1:10 DILUTION  
 Misc : 30.1G/10ML 85 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 9:43 1996

Vial: 33

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylen	4.11	6.53	739	967	0.003	0.005 #
			Recovery	=	7.50%	12.50%
2) S Decachlorobiphenyl	0.00	30.72	0	139	N.D.	0.002 #
			Recovery	=	0.00%	5.00%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	8.27	11.78	204873	157217	1.871	1.641
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	26991	18986	0.144	0.121
5) L1 Aroclor-1016	6.85	8.90	58918	15278	1.840	1.135 #
6) L1 Aroclor-1016 {2}	8.99	10.43	68352	54144	3.897	1.939 #
7) L1 Aroclor-1016 {3}	9.38	12.36	100681	34849	3.883	2.019 #
Total Aroclor-1016			227951	104271	9.620	5.094
Average Aroclor-1016					3.207	1.698
8) L2 Aroclor-1221	5.13	8.12	2136	2373	0.305	0.388 #
9) L2 Aroclor-1221 {2}	5.56	8.67	4007	8223	0.687	1.686 #
10) L2 Aroclor-1221 {3}	5.72	8.90	24798	15278	1.227	0.995
Total Aroclor-1221			30940	25874	2.219	3.069
Average Aroclor-1221					0.740	1.023
11) L3 Aroclor-1232	5.72	8.90	24798	15278	1.360	1.066
12) L3 Aroclor-1232 {2}	6.85	10.43	58918	54144	4.317	4.507
13) L3 Aroclor-1232 {3}	8.66	12.36	40015	34849	4.834	5.026
Total Aroclor-1232			123731	104271	10.511	10.599
Average Aroclor-1232					3.504	3.533
14) L4 Aroclor-1242	8.27	11.78	204873	157217	4.948	5.275
15) L4 Aroclor-1242 {2}	9.38	12.36	100681	34849	5.175	2.637 #
16) L4 Aroclor-1242 {3}	10.13	14.13	93973	75585	5.562	5.681
Total Aroclor-1242			399527	267651	15.685	13.593
Average Aroclor-1242					5.228	4.531
17) L5 Aroclor-1248	9.38	15.08	100681	67743	3.163	3.007
18) L5 Aroclor-1248 {2}	10.13	15.30	93973	72982	3.431	3.126
19) L5 Aroclor-1248 {3}	11.43	16.31	110107	53572	3.164	3.000
Total Aroclor-1248			304761	194297	9.759	9.134
Average Aroclor-1248					3.253	3.045

*to be diluted*

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-67.D Vial: 33  
 Signal #2 : D:\HPCHEM\5\AU29\C845-67.D\CONFIRM.D  
 Acq On : 30 Aug 96 09:09 AM Operator: JS  
 Sample : VHB/ PO10 1:10 DILUTION Inst : ECD1  
 Misc : 30.1G/10ML 85 % SOLID PCB ANALYSIS Multiplr: 1.00  
 Quant Time: Aug 30 9:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	60169	55180	1.927	2.042
21) L6 Aroclor-1254 {2}	13.48	15.84	95901	60230	2.221	2.070
22) L6 Aroclor-1254 {3}	15.87	17.69	73512	91513	2.289	2.298
Total Aroclor-1254			229582	206924	6.436	6.410
Average Aroclor-1254					2.145	2.137
					<i>to be diluted</i>	
23) L7 Aroclor-1260	13.98	18.33	45852	30702	1.321	0.960 #
24) L7 Aroclor-1260 {2}	14.76	18.64	39758	36872	0.978	1.025
25) L7 Aroclor-1260 {3}	17.97	22.06	21068	14304	0.364	0.268 #
Total Aroclor-1260			106678	81878	2.664	2.253
Average Aroclor-1260					0.888	0.751
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

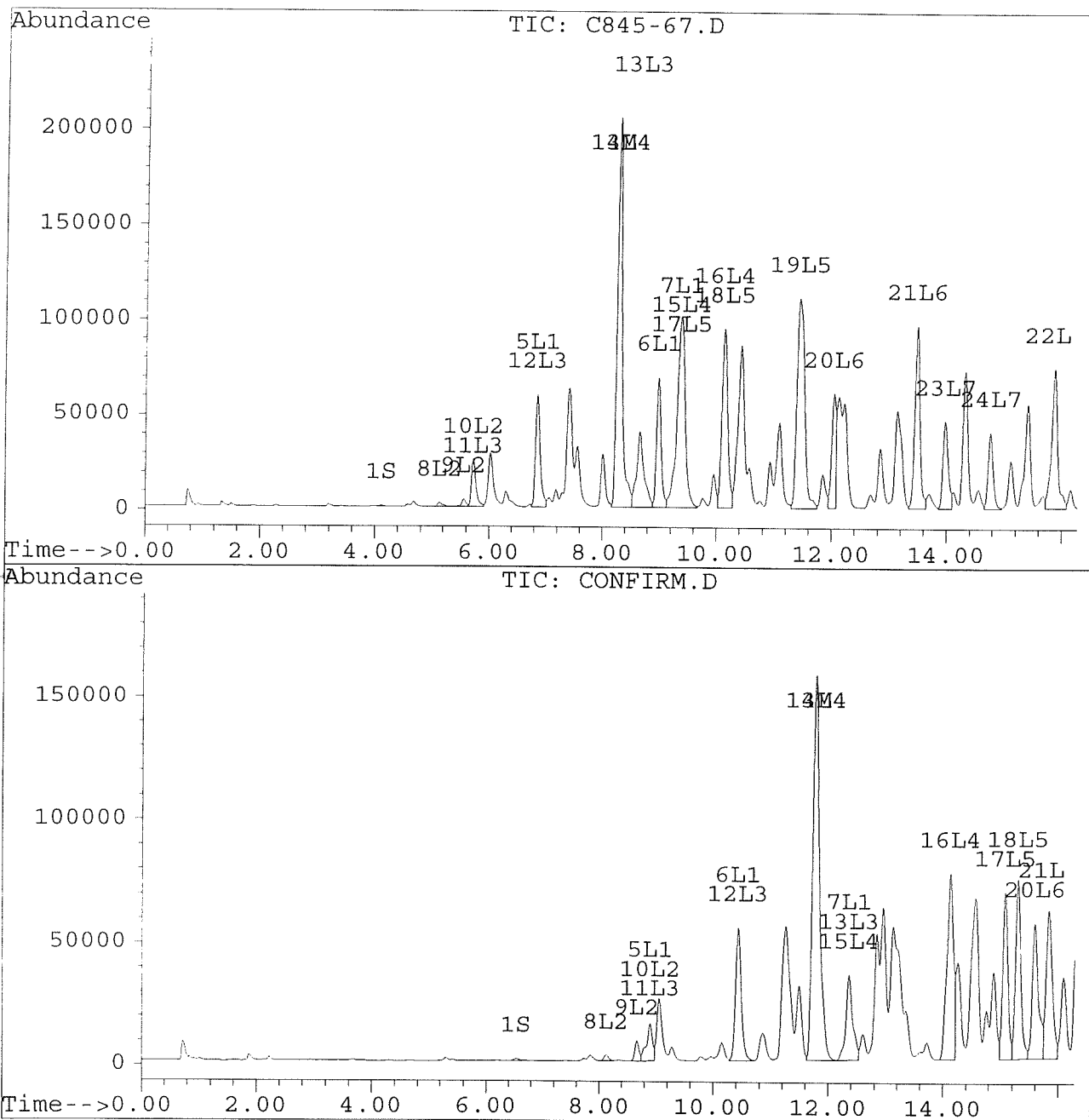
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Signal #2 : D:\HPCHEM\5\AU29\C845-67.D\CONFIRM.D  
Acq On : 30 Aug 96 09:09 AM  
Sample : VHB/ PO10 1:10 DILUTION  
Misc : 30.1G/10ML 85 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 9:43 1996

Vial: 33  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM





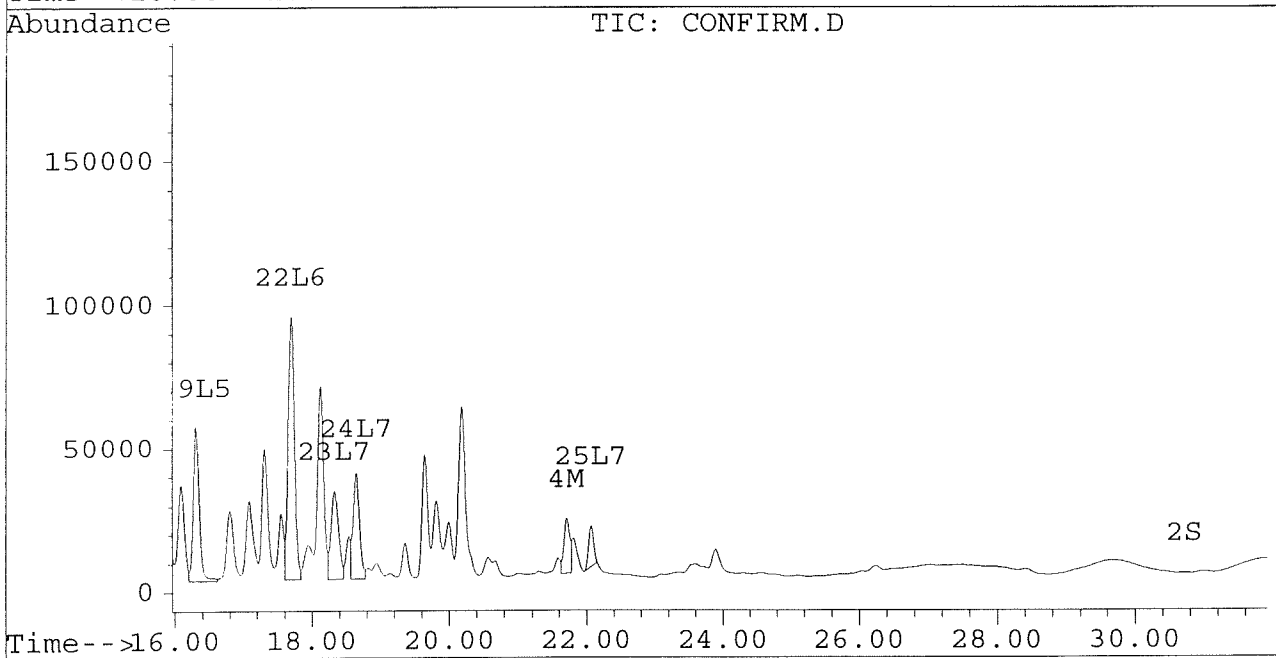
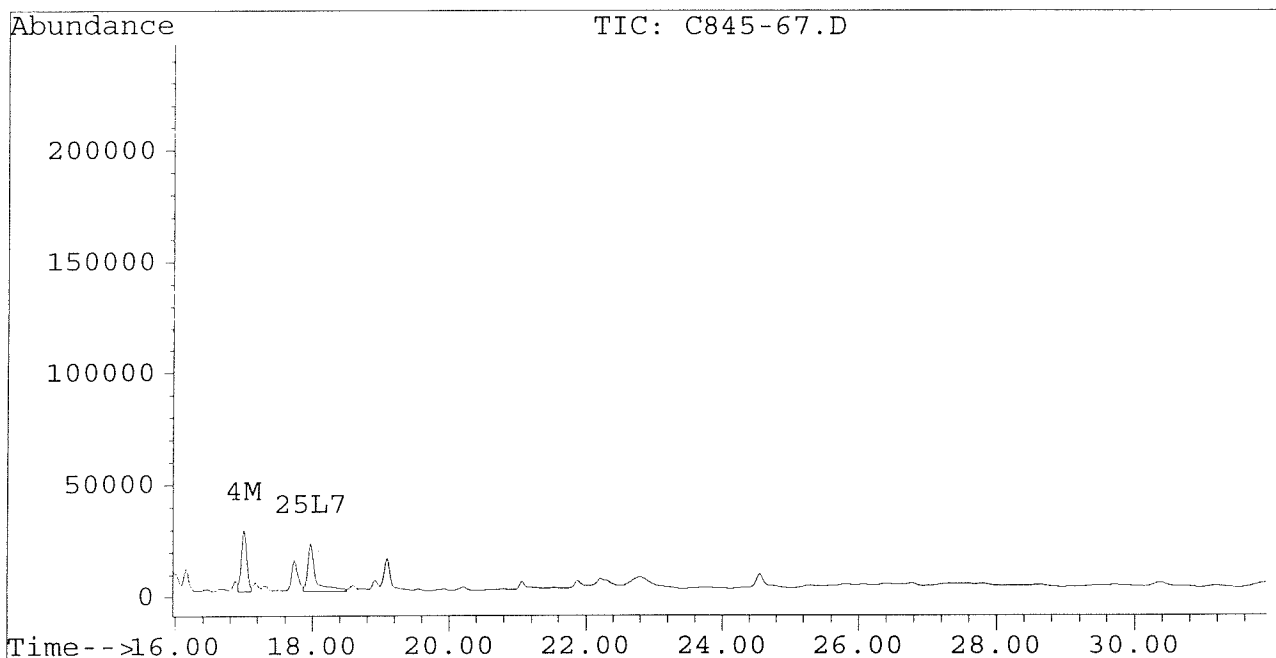
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-67.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-67.D\CONFIRM.D  
Acq On : 30 Aug 96 09:09 AM  
Sample : VHB/ PO10 1:10 DILUTION  
Misc : 30.1G/10ML 85 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 9:43 1996

Vial: 33  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-67A.D  
 Signal #2 : D:\HPCHEM\5\SE3\C845-67A.D\CONFIRM.D  
 Acq On : 04 Sep 96 07:47 AM  
 Sample : VHB/ PO10 1:50 DILUTION  
 Misc : 30.1G/10ML 85 % SOLID PCB ANALYSIS  
 Quant Time: Sep 4 8:21 1996

Vial: 28  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.46	155	201	0.001	0.001 #
			Recovery	=	2.50%	2.50%
2) S Decachlorobiphenyl	0.00	30.48	0	99	N.D.	0.001 #
			Recovery	=	0.00%	2.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.69	47319	35393	0.432	0.370
4) M 2,2',3,3',4,4'-Hexa	16.91	21.60	4913	3135	0.026	0.020
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.69	47319	35393	1.143	1.188
15) L4 Aroclor-1242 {2}	9.30	12.27	24652	7549	1.267	0.571 #
16) L4 Aroclor-1242 {3}	10.05	14.04	21924	17493	1.298	1.315
Total Aroclor-1242			93895	60434	3.708	3.074
Average Aroclor-1242					1.236	1.025
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-67A.D Vial: 28  
 Signal #2 : D:\HPCHEM\5\SE3\C845-67A.D\CONFIRM.D  
 Acq On : 04 Sep 96 07:47 AM Operator: JS  
 Sample : VHB/ PO10 1:50 DILUTION Inst : ECD1  
 Misc : 30.1G/10ML 85 % SOLID PCB ANALYSIS Multiplr: 1.00  
 Quant Time: Sep 4 8:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	13858	12478	0.444	0.462
21) L6 Aroclor-1254 {2}	13.40	15.74	20314	13822	0.470	0.475
22) L6 Aroclor-1254 {3}	15.79	17.60	14561	19401	0.453	0.487
Total Aroclor-1254			48733	45701	1.368	1.424
Average Aroclor-1254					0.456	0.475
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	863	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	0.00	2356	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78	0.00	488	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR 1242  $\frac{2.410 \times 10 \text{ ml} \times 1.5 \times 50}{30.1 \times 0.95} = 71,000$

AR 1254 =  $\frac{0.923 \times 10 \text{ ml} \times 1.5 \times 50}{30.1 \times 0.95} = 21,000$

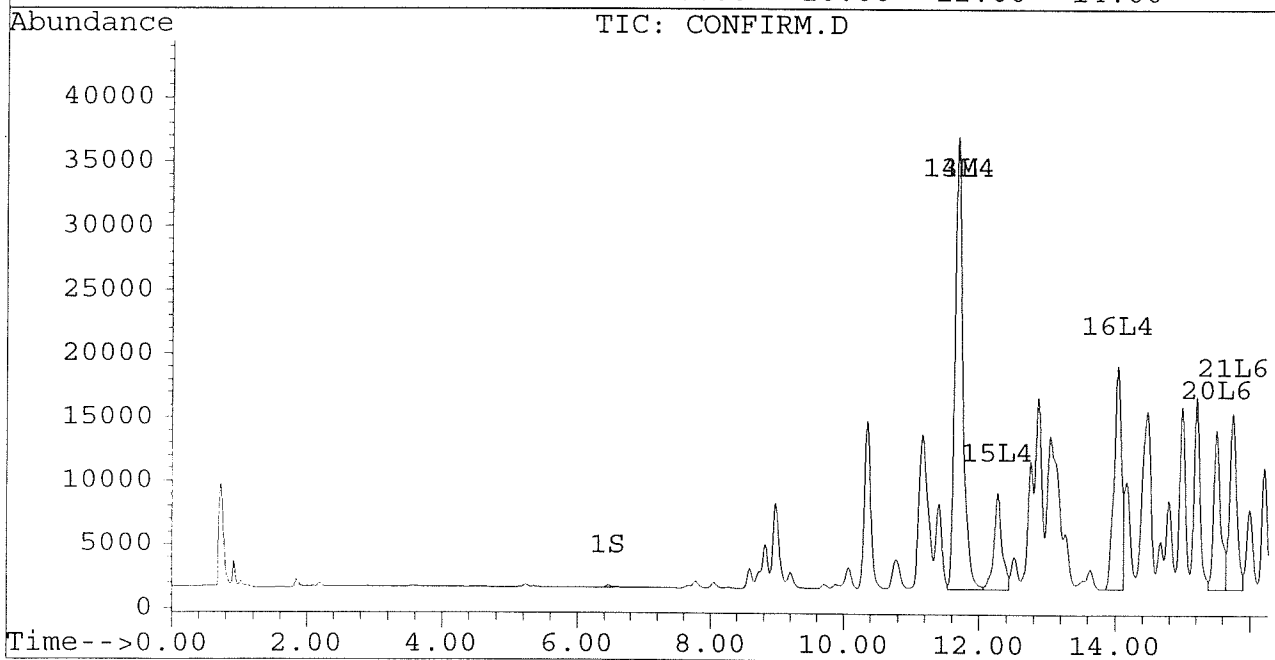
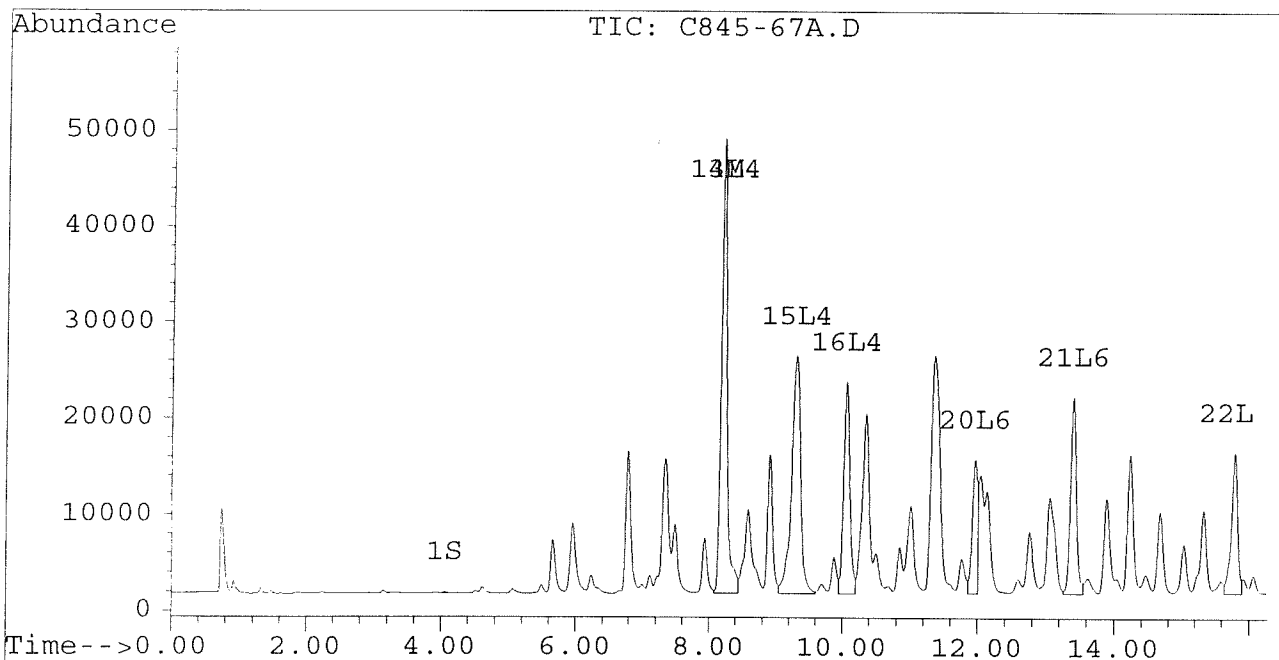
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-67A.D  
Signal #2 : D:\HPCHEM\5\SE3\C845-67A.D\CONFIRM.D  
Acq On : 04 Sep 96 07:47 AM  
Sample : VHB/ PO10 1:50 DILUTION  
Misc : 30.1G/10ML 85 % SOLID PCB ANALYSIS  
Quant Time: Sep 4 8:21 1996

Vial: 28  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM

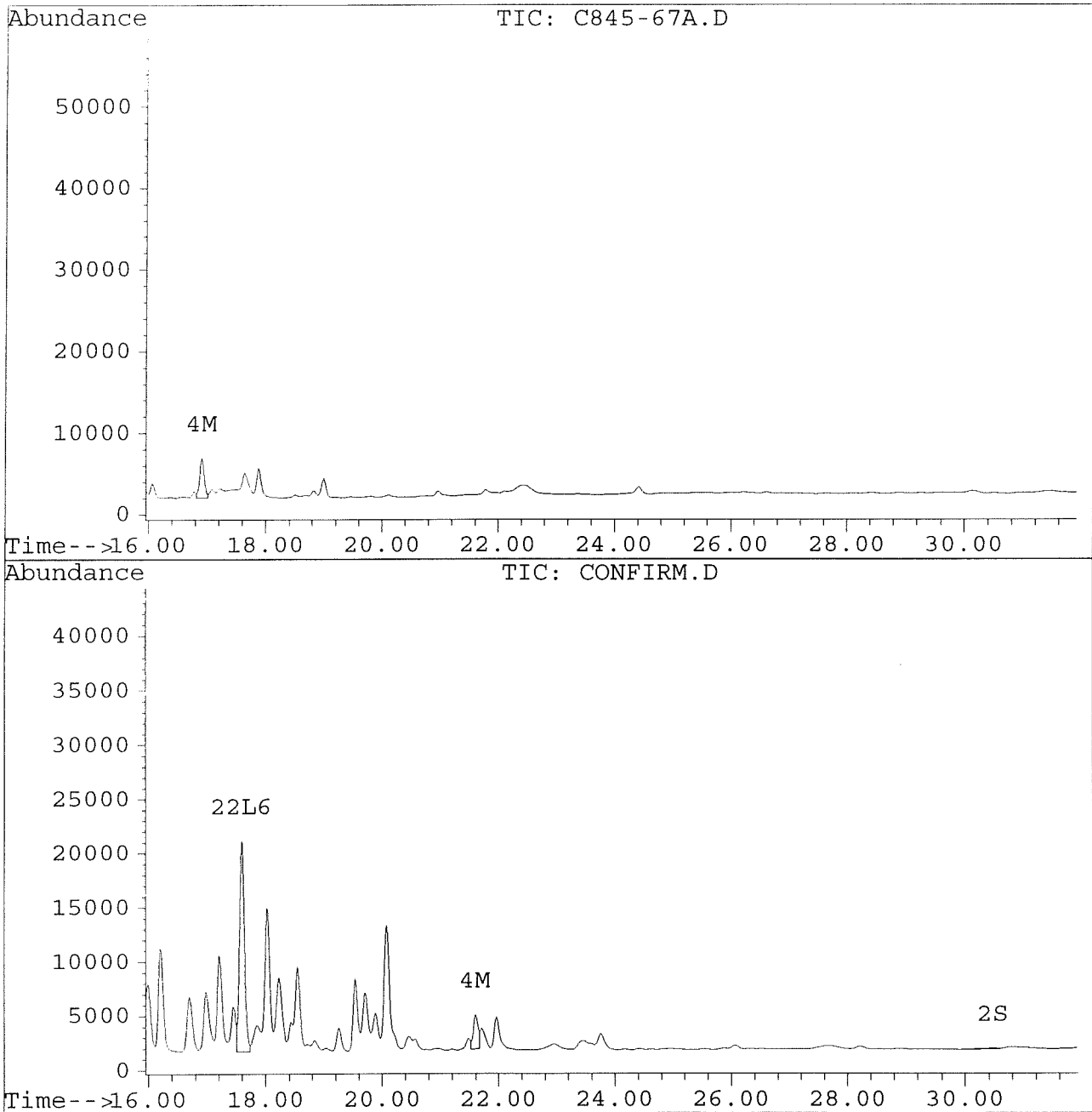


Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-67A.D Vial: 28  
Signal #2 : D:\HPCHEM\5\SE3\C845-67A.D\CONFIRM.D  
Acq On : 04 Sep 96 07:47 AM Operator: JS  
Sample : VHB/ PO10 1:50 DILUTION Inst : ECD1  
Misc : 30.1G/10ML 85 % SOLID PCB ANALYSIS Multiplr: 1.00  
Quant Time: Sep 4 8:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-68.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-68.D\CONFIRM.D  
 Acq On : 30 Aug 96 09:44 AM  
 Sample : VHB/ PQ10 1:10 DILUTION  
 Misc : 30.5G/10ML 93 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 10:18 1996

Vial: 34  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	629	535	0.003	0.003
			Recovery =		7.50%	7.50%
2) S Decachlorobiphenyl	22.30	30.70	884	3299	0.004	0.037 #
			Recovery =		10.00%	92.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	11790	8177	0.108	0.085
4) M 2,2',3,3',4,4'-Hexa	17.00	21.70	1795	2454	0.010	0.016 #
5) L1 Aroclor-1016	6.85	8.90	2755	588	0.086	0.044 #
6) L1 Aroclor-1016 {2}	8.99	10.43	3149	2469	0.180	0.088 #
7) L1 Aroclor-1016 {3}	9.37	12.36	6906	1548	0.266	0.090 #
Total Aroclor-1016			12810	4605	0.532	0.222
Average Aroclor-1016					0.177	0.074
8) L2 Aroclor-1221	5.13	8.12	65	434	0.009	0.071 #
9) L2 Aroclor-1221 {2}	5.55	8.66	176	1190	0.030	0.244 #
10) L2 Aroclor-1221 {3}	5.71	8.90	2015	588	0.100	0.038 #
Total Aroclor-1221			2257	2212	0.139	0.353
Average Aroclor-1221					0.046	0.118
11) L3 Aroclor-1232	5.71	8.90	2015	588	0.110	0.041 #
12) L3 Aroclor-1232 {2}	6.85	10.43	2755	2469	0.202	0.205
13) L3 Aroclor-1232 {3}	8.66	12.36	1812	1548	0.219	0.223
Total Aroclor-1232			6582	4605	0.531	0.470
Average Aroclor-1232					0.177	0.157
14) L4 Aroclor-1242	8.27	11.78	11790	8177	0.285	0.274
15) L4 Aroclor-1242 {2}	9.37	12.36	6906	1548	0.355	0.117 #
16) L4 Aroclor-1242 {3}	10.13	14.13	5907	4530	0.350	0.340
Total Aroclor-1242			24603	14255	0.989	0.732
Average Aroclor-1242					0.330	0.244
17) L5 Aroclor-1248	9.37	15.08	6906	4113	0.217	0.183
18) L5 Aroclor-1248 {2}	10.13	15.30	5907	4192	0.216	0.180
19) L5 Aroclor-1248 {3}	11.43	16.31	7860	3129	0.226	0.175
Total Aroclor-1248			20672	11434	0.659	0.537
Average Aroclor-1248					0.220	0.179

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-68.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-68.D\CONFIRM.D  
 Acq On : 30 Aug 96 09:44 AM  
 Sample : VHB/ PQ10 1:10 DILUTION  
 Misc : 30.5G/10ML 93 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 10:18 1996

Vial: 34  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	5071	4306	0.162	0.159
21) L6 Aroclor-1254 {2}	13.48	15.84	7335	4991	0.170	0.172
22) L6 Aroclor-1254 {3}	15.87	17.69	5526	7037	0.172	0.177
Total Aroclor-1254			17932	16334	0.504	0.508
Average Aroclor-1254					0.168	0.169
23) L7 Aroclor-1260	13.98	18.32	3597	2130	0.104	0.067 #
24) L7 Aroclor-1260 {2}	14.76	18.65	3262	2722	0.080	0.076
25) L7 Aroclor-1260 {3}	17.97	22.06	2133	1304	0.037	0.024 #
Total Aroclor-1260			8992	6156	0.221	0.167
Average Aroclor-1260					0.074	0.056
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR_{1254} = \frac{0.640 \times 10 \text{ mL} \times 1.5 \times 10^{DF}}{30.5 \times 0.93} = 3400$$

$$AR_{1254} = \frac{0.342 \times 10 \text{ mL} \times 1.5 \times 10}{30.5 \times 0.93} = 1800$$

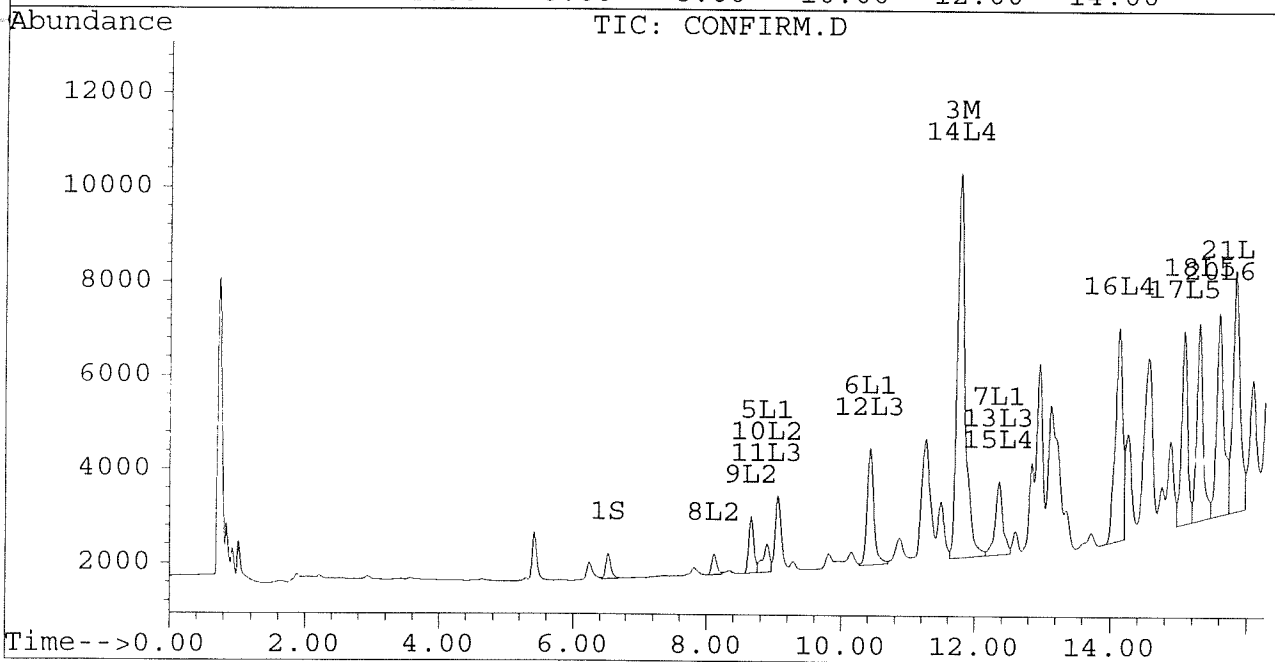
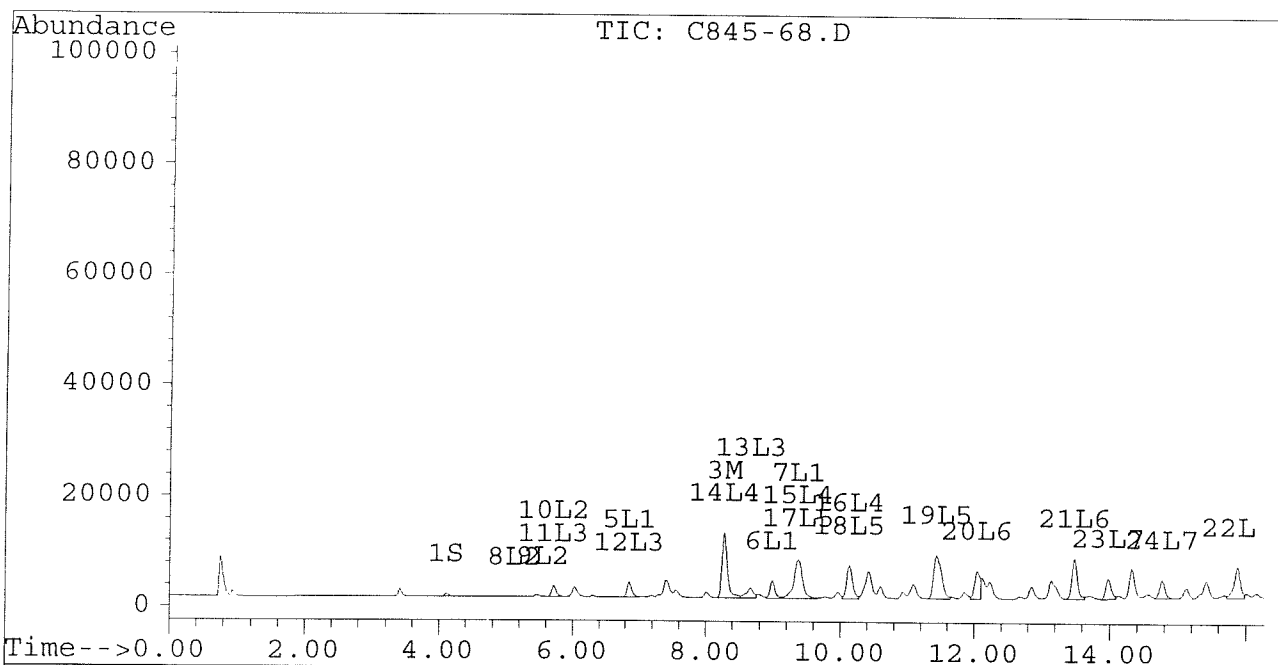
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Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-68.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-68.D\CONFIRM.D  
Acq On : 30 Aug 96 09:44 AM  
Sample : VHB/ PQ10 1:10 DILUTION  
Misc : 30.5G/10ML 93 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 10:18 1996  
Vial: 34  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM





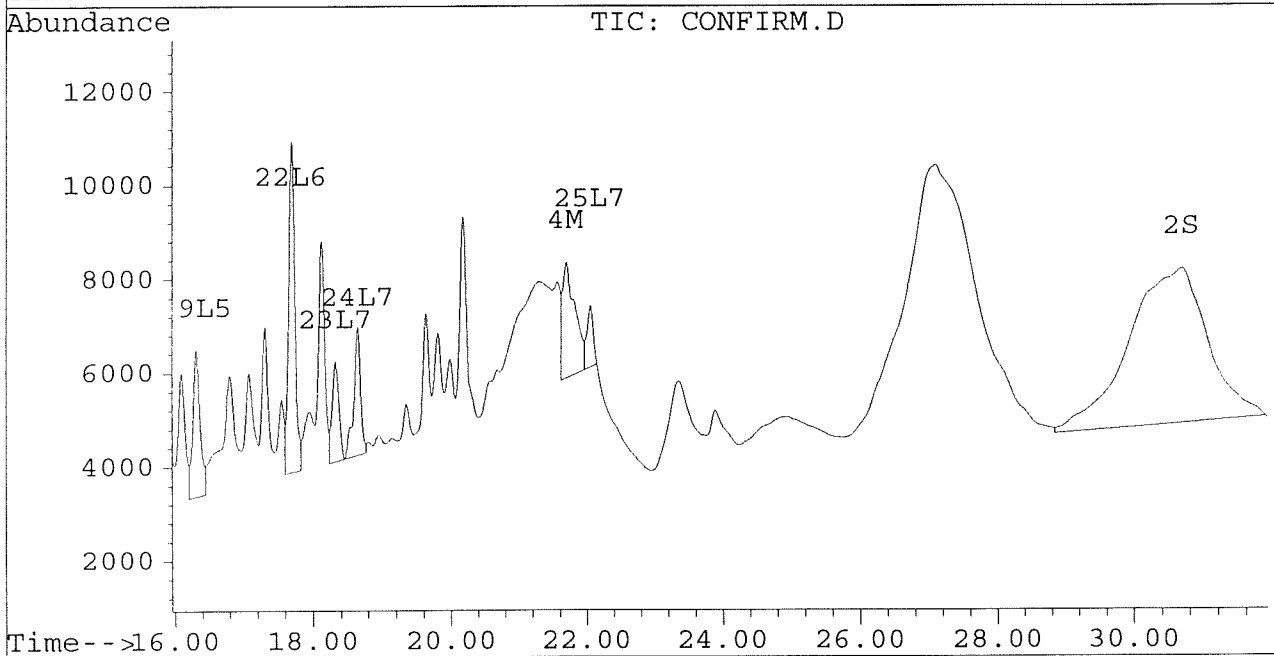
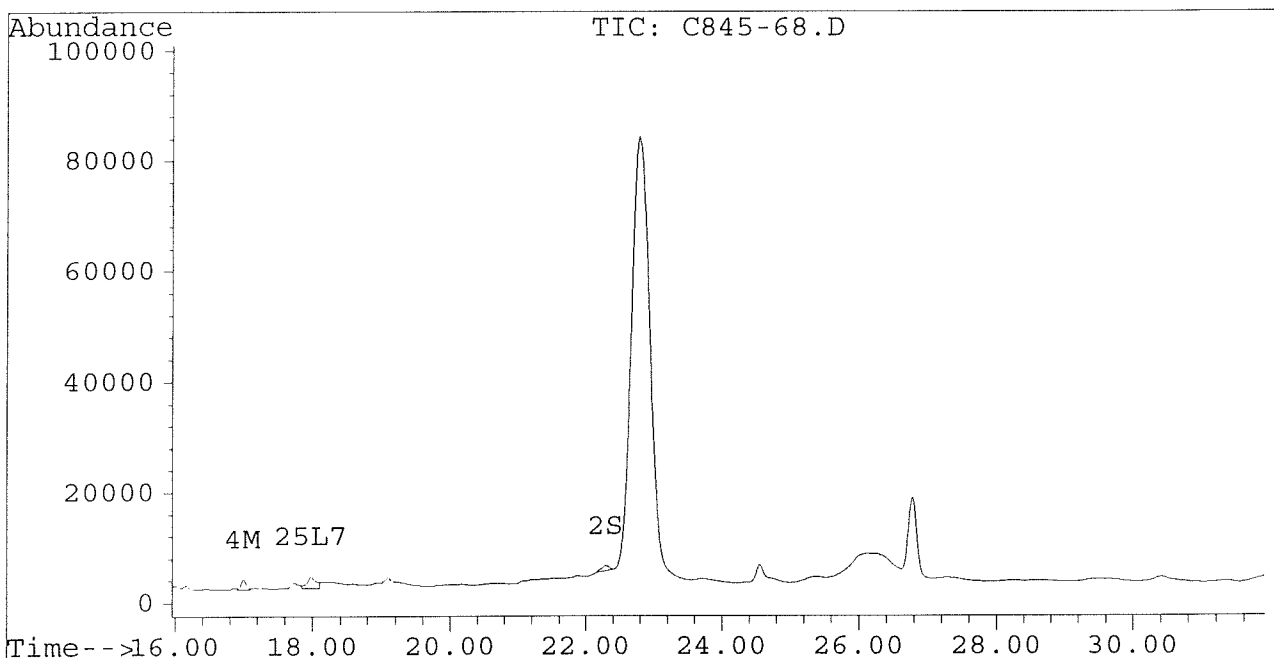
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-68.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-68.D\CONFIRM.D  
Acq On : 30 Aug 96 09:44 AM  
Sample : VHB/ PQ10 1:10 DILUTION  
Misc : 30.5G/10ML 93 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 10:18 1996

Vial: 34  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-69.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-69.D\CONFIRM.D  
 Acq On : 30 Aug 96 10:20 AM  
 Sample : VHB/ PQ12 1:10 DILUTION  
 Misc : 30.4G/10ML 92 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 10:53 1996

Vial: 35  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	760	641	0.003	0.003
			Recovery	=	7.50%	7.50%
2) S Decachlorobiphenyl	22.30	0.00	626	0	0.003	N.D. #
			Recovery	=	7.50%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	4538	3117	0.041	0.033
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	858	0	0.005	N.D. #
5) L1 Aroclor-1016	6.85	8.90	1144	273	0.036	0.020 #
6) L1 Aroclor-1016 {2}	8.99	10.44	1203	1034	0.069	0.037 #
7) L1 Aroclor-1016 {3}	9.37	12.36	3246	714	0.125	0.041 #
Total Aroclor-1016			5594	2020	0.230	0.099
Average Aroclor-1016					0.077	0.033
8) L2 Aroclor-1221	0.00	8.12	0	100	N.D.	0.016 #
9) L2 Aroclor-1221 {2}	5.56	8.67	71	119	0.012	0.024 #
10) L2 Aroclor-1221 {3}	5.73	8.90	465	273	0.023	0.018
Total Aroclor-1221			537	493	0.035	0.059
Average Aroclor-1221					0.018	0.020
11) L3 Aroclor-1232	5.73	8.90	465	273	0.026	0.019 #
12) L3 Aroclor-1232 {2}	6.85	10.44	1144	1034	0.084	0.086
13) L3 Aroclor-1232 {3}	8.66	12.36	755	714	0.091	0.103
Total Aroclor-1232			2364	2020	0.201	0.208
Average Aroclor-1232					0.067	0.069
14) L4 Aroclor-1242	8.27	11.78	4538	3117	0.110	0.105
15) L4 Aroclor-1242 {2}	9.37	12.36	3246	714	0.167	0.054 #
16) L4 Aroclor-1242 {3}	10.13	14.13	2489	1908	0.147	0.143
Total Aroclor-1242			10273	5738	0.424	0.302
Average Aroclor-1242					0.141	0.101
17) L5 Aroclor-1248	9.37	15.08	3246	1668	0.102	0.074 #
18) L5 Aroclor-1248 {2}	10.13	15.30	2489	1579	0.091	0.068 #
19) L5 Aroclor-1248 {3}	11.43	16.31	3416	946	0.098	0.053 #
Total Aroclor-1248			9152	4193	0.291	0.195
Average Aroclor-1248					0.097	0.065

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-69.D Vial: 35  
 Signal #2 : D:\HPCHEM\5\AU29\C845-69.D\CONFIRM.D  
 Acq On : 30 Aug 96 10:20 AM Operator: JS  
 Sample : VHB/ PQ12 1:10 DILUTION Inst : ECD1  
 Misc : 30.4G/10ML 92 % SOLID PCB ANALYSIS Multiplr: 1.00  
 Quant Time: Aug 30 10:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	2401	2061	0.077	0.076
21) L6 Aroclor-1254 {2}	13.48	15.84	3163	2269	0.073	0.078
22) L6 Aroclor-1254 {3}	15.87	17.69	2533	2859	0.079	0.072
Total Aroclor-1254			8097	7188	0.229	0.226
Average Aroclor-1254					0.076	0.075
23) L7 Aroclor-1260	13.98	18.33	1720	1168	0.050	0.037 #
24) L7 Aroclor-1260 {2}	14.76	18.65	1585	1413	0.039	0.039
25) L7 Aroclor-1260 {3}	0.00	22.07	0	437	N.D.	0.008 #
Total Aroclor-1260			3305	3018	0.089	0.084
Average Aroclor-1260					0.044	0.028
26) L8 Aroclor-1268	18.91f	0.00	395	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.13	0	5668	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR\ 1242 = \frac{0.277 \times 10\ mL \times 1.5 \times 10^{DF}}{30.4 \times 0.92} = 1500$$

$$AR\ 1254 = \frac{0.152 \times 10\ mL \times 1.5 \times 10}{30.4 \times 0.92} = 820$$

KC

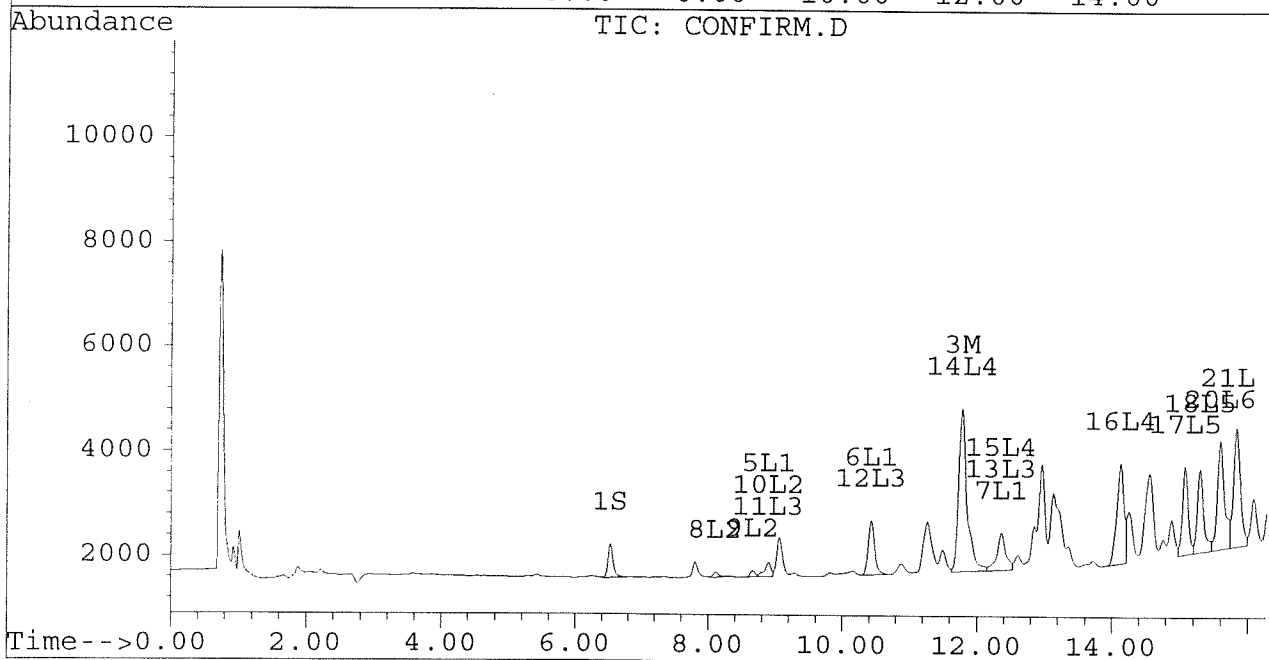
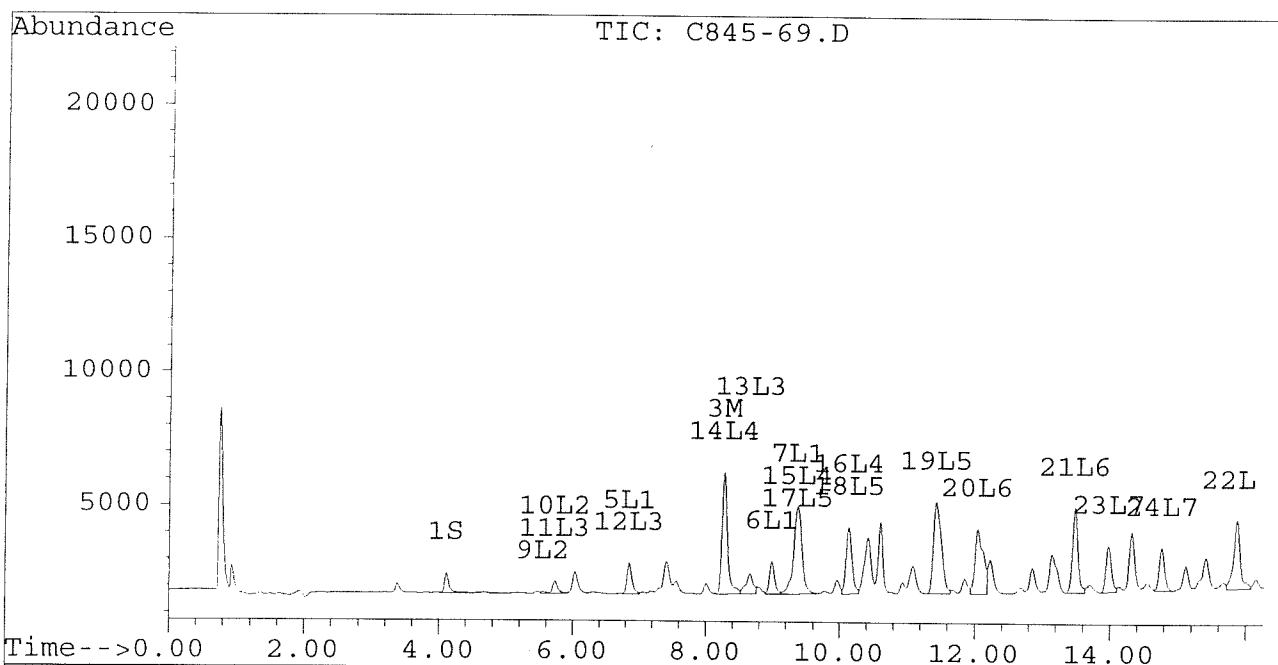
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-69.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-69.D\CONFIRM.D  
 Acq On : 30 Aug 96 10:20 AM  
 Sample : VHB/ PQ12 1:10 DILUTION  
 Misc : 30.4G/10ML 92 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 10:53 1996

Vial: 35  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM



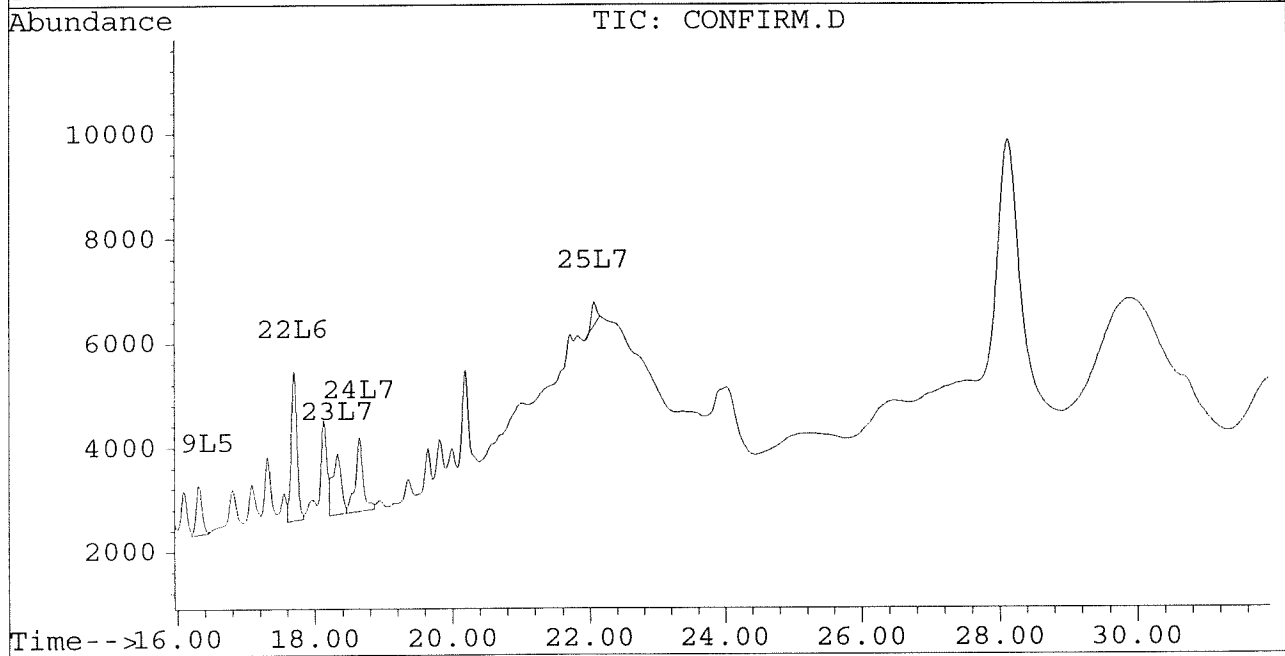
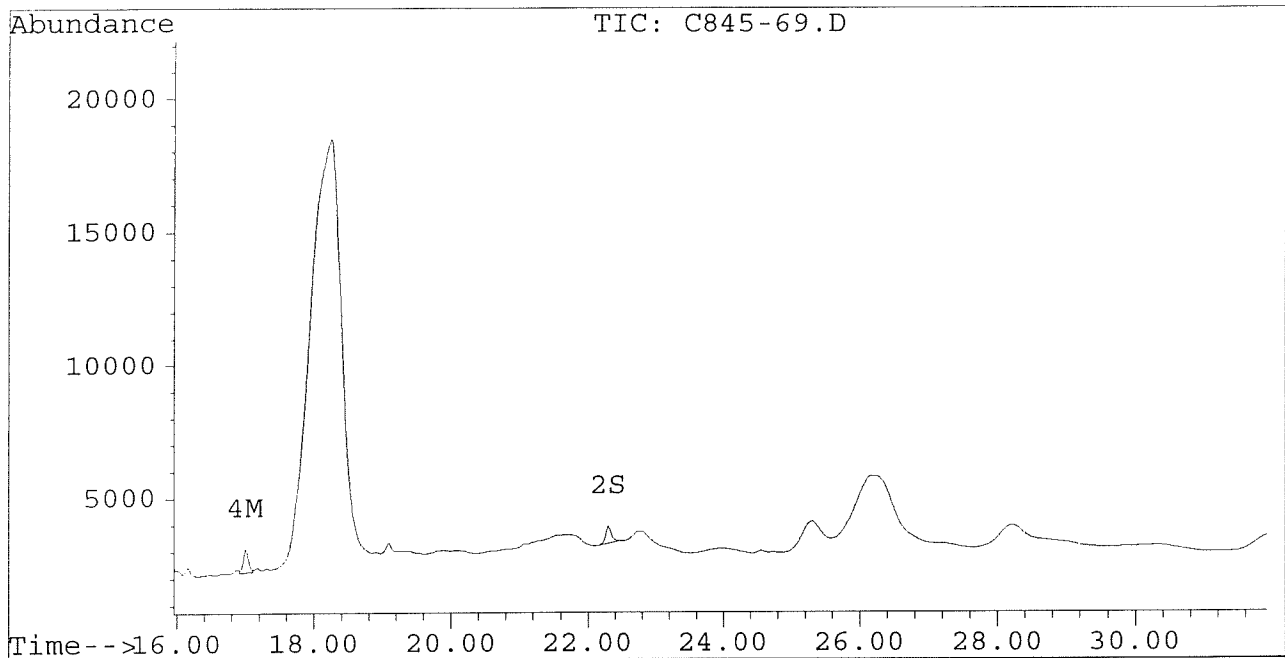
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-69.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-69.D\CONFIRM.D  
Acq On : 30 Aug 96 10:20 AM  
Sample : VHB/ PQ12 1:10 DILUTION  
Misc : 30.4G/10ML 92 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 10:53 1996

Vial: 35  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-70.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-70.D\CONFIRM.D  
 Acq On : 30 Aug 96 10:55 AM  
 Sample : VHB/ PR10 1:10 DILUTION  
 Misc : 30.4G/10ML 90 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 11:29 1996

Vial: 36  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	704	609	0.003	0.003
			Recovery	=	7.50%	7.50%
2) S Decachlorobiphenyl	22.30	30.74	685	151	0.003	0.002 #
			Recovery	=	7.50%	5.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	15442	10670	0.141	0.111
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	2129	1314	0.011	0.008 #
5) L1 Aroclor-1016	6.85	8.90	2665	596	0.083	0.044 #
6) L1 Aroclor-1016 {2}	8.99	10.43	3991	2507	0.228	0.090 #
7) L1 Aroclor-1016 {3}	9.38	12.36	8867	1852	0.342	0.107 #
Total Aroclor-1016			15523	4955	0.653	0.241
Average Aroclor-1016					0.218	0.080
8) L2 Aroclor-1221	5.13	8.12	59	357	0.008	0.058 #
9) L2 Aroclor-1221 {2}	5.55	8.67	160	662	0.027	0.136 #
10) L2 Aroclor-1221 {3}	5.72	8.90	1442	596	0.071	0.039 #
Total Aroclor-1221			1661	1614	0.107	0.233
Average Aroclor-1221					0.036	0.078
11) L3 Aroclor-1232	5.72	8.90	1442	596	0.079	0.042 #
12) L3 Aroclor-1232 {2}	6.85	10.43	2665	2507	0.195	0.209
13) L3 Aroclor-1232 {3}	8.66	12.36	1997	1852	0.241	0.267
Total Aroclor-1232			6104	4955	0.516	0.517
Average Aroclor-1232					0.172	0.172
14) L4 Aroclor-1242	8.27	11.78	15442	10670	0.373	0.358
15) L4 Aroclor-1242 {2}	9.38	12.36	8867	1852	0.456	0.140 #
16) L4 Aroclor-1242 {3}	10.13	14.13	7736	6022	0.458	0.453
Total Aroclor-1242			32045	18544	1.287	0.951
Average Aroclor-1242					0.429	0.317
17) L5 Aroclor-1248	9.38	15.08	8867	5154	0.279	0.229
18) L5 Aroclor-1248 {2}	10.13	15.30	7736	5586	0.282	0.239
19) L5 Aroclor-1248 {3}	11.43	16.31	9445	3476	0.271	0.195 #
Total Aroclor-1248			26048	14217	0.832	0.663
Average Aroclor-1248					0.277	0.221

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-70.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-70.D\CONFIRM.D  
 Acq On : 30 Aug 96 10:55 AM  
 Sample : VHB/ PR10 1:10 DILUTION  
 Misc : 30.4G/10ML 90 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 11:29 1996

Vial: 36  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	5751	5031	0.184	0.186
21) L6 Aroclor-1254 {2}	13.48	15.83	8523	5692	0.197	0.196
22) L6 Aroclor-1254 {3}	15.87	17.69	6319	7813	0.197	0.196
Total Aroclor-1254			20593	18537	0.578	0.578
Average Aroclor-1254					0.193	0.193
23) L7 Aroclor-1260	13.98	18.33	4218	3010	0.122	0.094
24) L7 Aroclor-1260 {2}	14.76	18.64	3793	3393	0.093	0.094
25) L7 Aroclor-1260 {3}	17.97	22.06	1788	1159	0.031	0.022 #
Total Aroclor-1260			9799	7562	0.246	0.210
Average Aroclor-1260					0.082	0.070
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR_{1242} = \frac{0.829 \times 10 \text{ mL} \times 1.5 \times 10^{DF}}{30.4 \text{ g} \times 0.90} = 4500$$

$$AR_{1254} = \frac{0.394 \times 10 \text{ mL} \times 1.5 \times 10}{30.4 \text{ g} \times 0.90} = 2200$$

KC

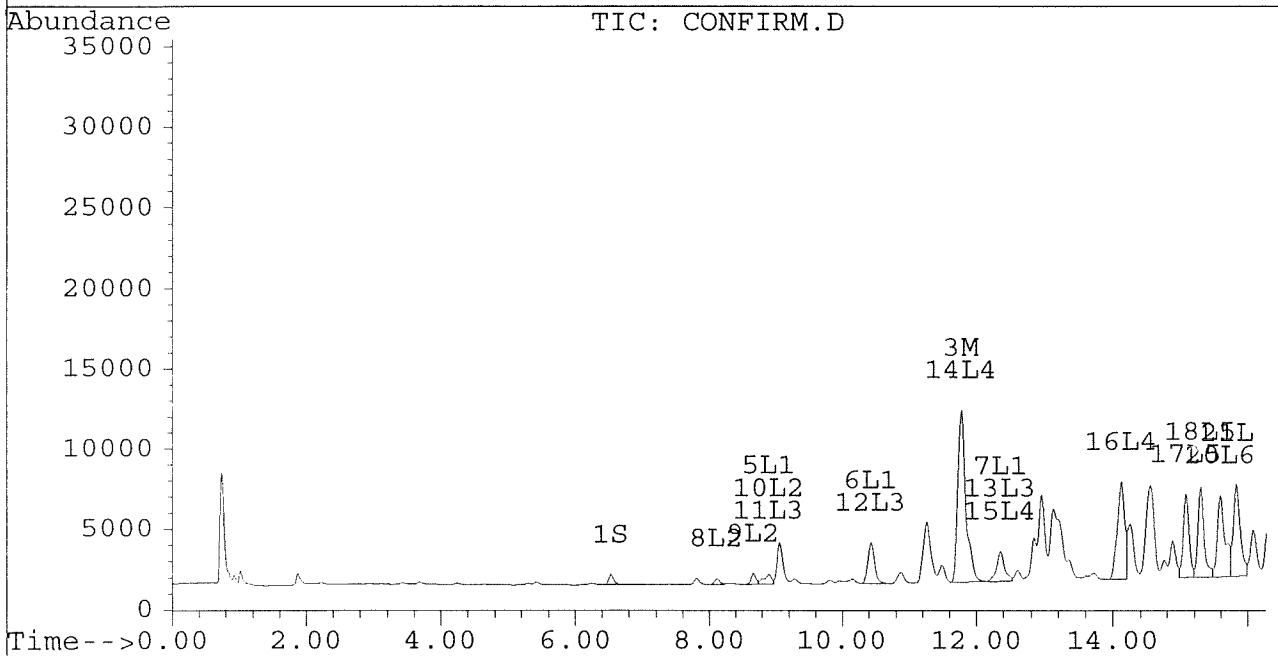
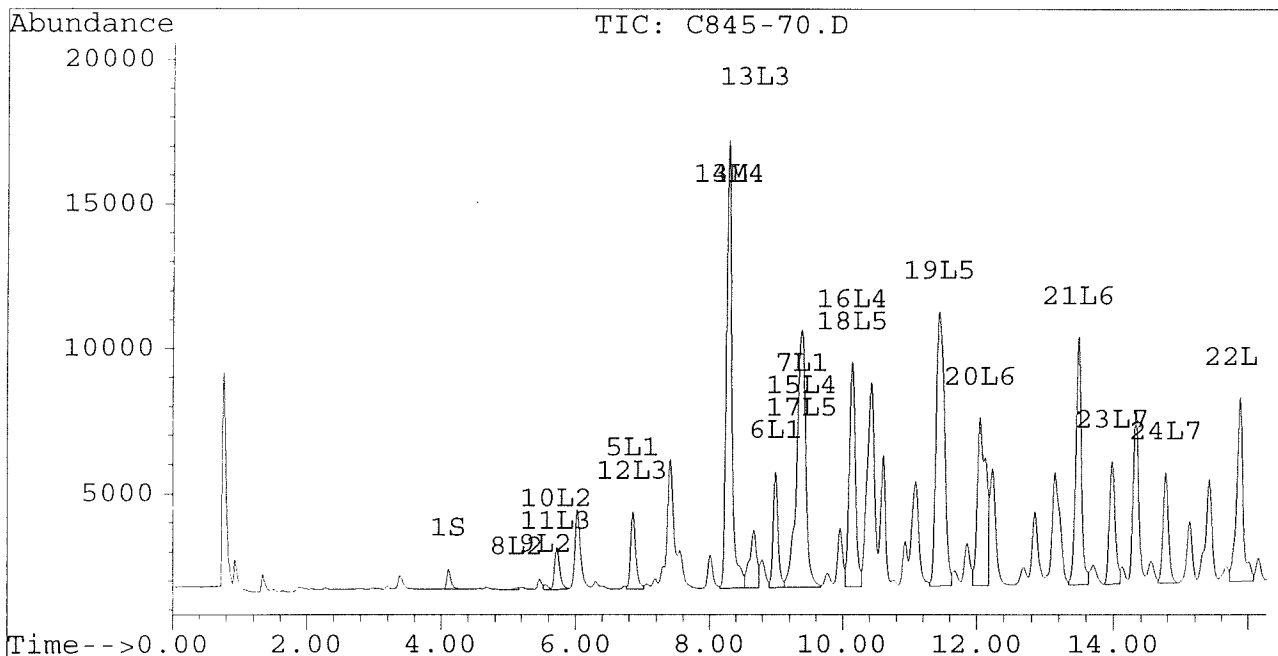
0719

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-70.D Vial: 36  
Signal #2 : D:\HPCHEM\5\AU29\C845-70.D\CONFIRM.D  
Acq On : 30 Aug 96 10:55 AM Operator: JS  
Sample : VHB/ PR10 1:10 DILUTION Inst : ECD1  
Misc : 30.4G/10ML 90 % SOLID PCB ANALYSIS Multiplr: 1.00  
Quant Time: Aug 30 11:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





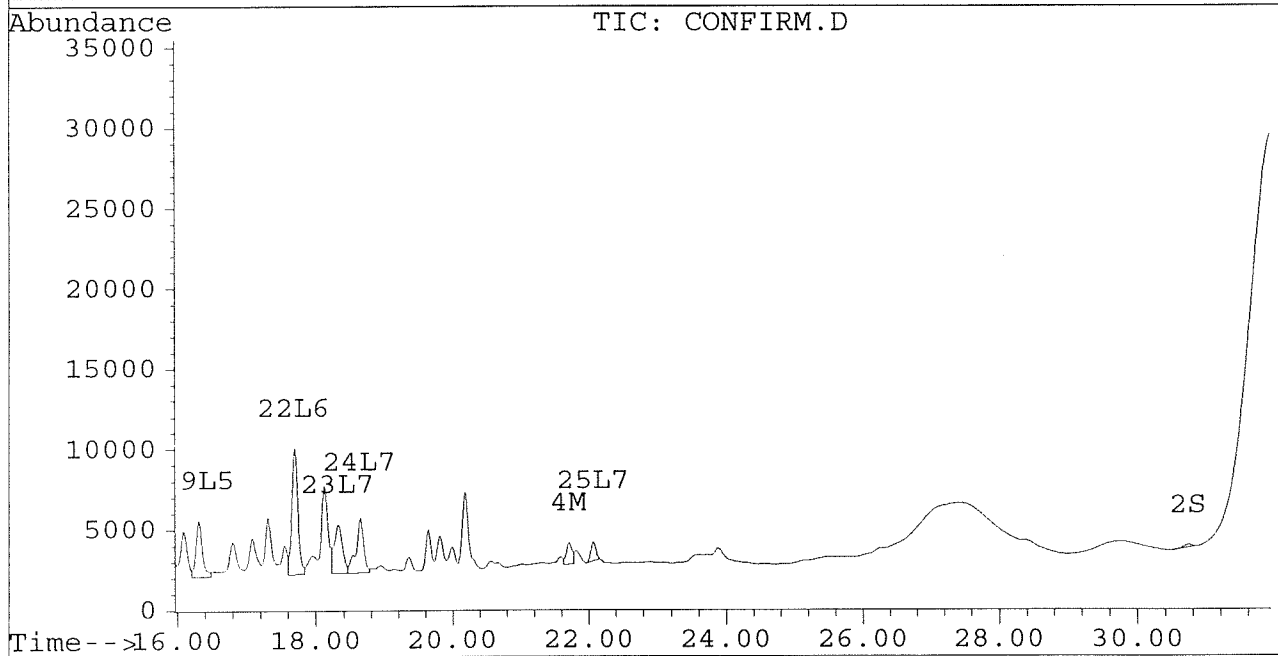
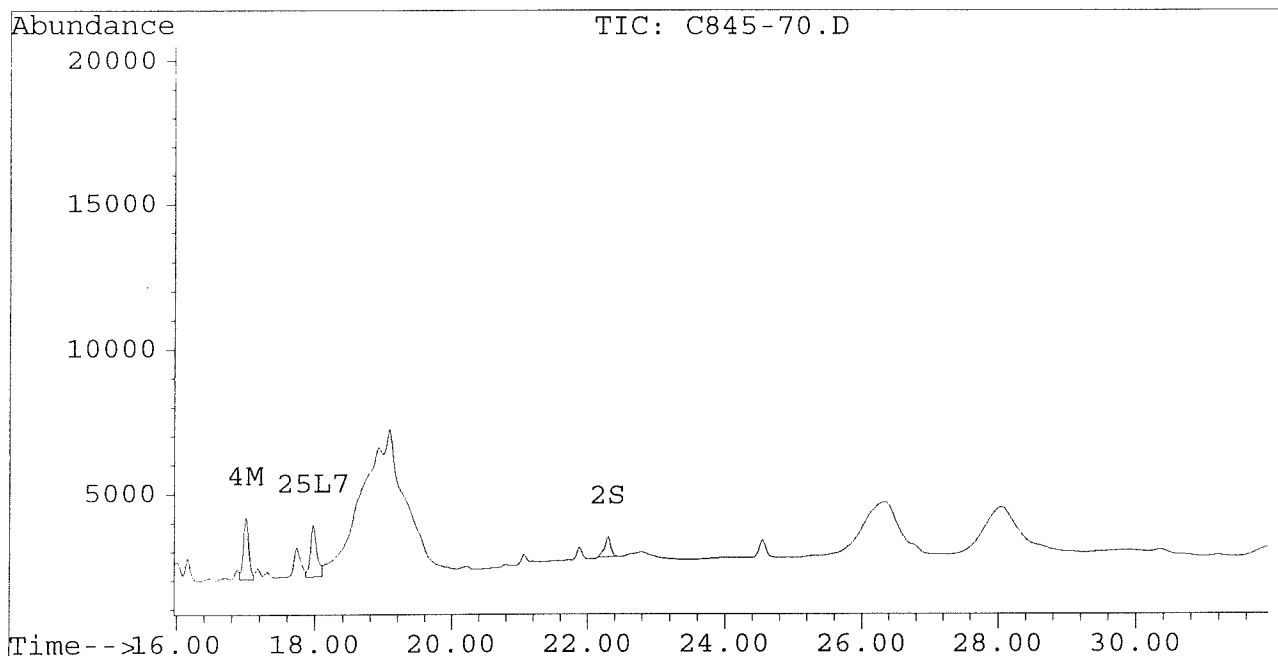
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-70.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-70.D\CONFIRM.D  
Acq On : 30 Aug 96 10:55 AM  
Sample : VHB/ PR10 1:10 DILUTION  
Misc : 30.4G/10ML 90 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 11:29 1996

Vial: 36  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-71.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-71.D\CONFIRM.D  
 Acq On : 30 Aug 96 11:31 AM  
 Sample : VHB/ PR11 1:10 DILUTION  
 Misc : 30.3G/10ML 94 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 12:05 1996

Vial: 37  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	830	795	0.003	0.004
			Recovery	=	7.50%	10.00%
2) S Decachlorobiphenyl	22.30	30.73	651	270	0.003	0.003
			Recovery	=	7.50%	7.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	35085	24345	0.320	0.254
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	3337	2145	0.018	0.014
5) L1 Aroclor-1016	6.85	8.90	5980	1162	0.187	0.086 #
6) L1 Aroclor-1016 {2}	8.99	10.43	9316	5722	0.531	0.205 #
7) L1 Aroclor-1016 {3}	9.38	12.35	19639	4316	0.757	0.250 #
Total Aroclor-1016			34935	11200	1.475	0.541
Average Aroclor-1016					0.492	0.180
8) L2 Aroclor-1221	0.00	8.12	0	1025	N.D.	0.168 #
9) L2 Aroclor-1221 {2}	0.00	8.67	0	847	N.D.	0.174 #
10) L2 Aroclor-1221 {3}	5.73	8.90	2211	1162	0.109	0.076 #
Total Aroclor-1221			2211	3034	0.109	0.417
Average Aroclor-1221					0.109	0.139
11) L3 Aroclor-1232	5.73	8.90	2211	1162	0.121	0.081 #
12) L3 Aroclor-1232 {2}	6.85	10.43	5980	5722	0.438	0.476
13) L3 Aroclor-1232 {3}	8.66	12.35	4137	4316	0.500	0.622
Total Aroclor-1232			12329	11200	1.059	1.180
Average Aroclor-1232					0.353	0.393
14) L4 Aroclor-1242	8.27	11.78	35085	24345	0.847	0.817
15) L4 Aroclor-1242 {2}	9.38	12.35	19639	4316	1.009	0.327 #
16) L4 Aroclor-1242 {3}	10.13	14.13	17728	13927	1.049	1.047
Total Aroclor-1242			72452	42588	2.906	2.190
Average Aroclor-1242					0.969	0.730
17) L5 Aroclor-1248	9.38	15.08	19639	10023	0.617	0.445 #
18) L5 Aroclor-1248 {2}	10.13	15.30	17728	11183	0.647	0.479 #
19) L5 Aroclor-1248 {3}	11.43	16.31	18118	6512	0.521	0.365 #
Total Aroclor-1248			55485	27717	1.785	1.289
Average Aroclor-1248					0.595	0.430

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 C845-71.D PCB1G.M Fri Aug 30 12:05:22 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-71.D Vial: 37  
 Signal #2 : D:\HPCHEM\5\AU29\C845-71.D\CONFIRM.D  
 Acq On : 30 Aug 96 11:31 AM Operator: JS  
 Sample : VHB/ PR11 1:10 DILUTION Inst : ECD1  
 Misc : 30.3G/10ML 94 % SOLID PCB ANALYSIS Multiplr: 1.00  
 Quant Time: Aug 30 12:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	10176	9702	0.326	0.359
21) L6 Aroclor-1254 {2}	13.48	15.83	14998	10137	0.347	0.348
22) L6 Aroclor-1254 {3}	15.87	17.69	9952	13508	0.310	0.339
Total Aroclor-1254			35126	33347	0.983	1.047
Average Aroclor-1254					0.328	0.349
23) L7 Aroclor-1260	13.98	18.32	7254	5143	0.209	0.161
24) L7 Aroclor-1260 {2}	14.76	18.64	5848	5376	0.144	0.149
25) L7 Aroclor-1260 {3}	17.97	22.06	2425	1689	0.042	0.032
Total Aroclor-1260			15527	12207	0.395	0.342
Average Aroclor-1260					0.132	0.114
26) L8 Aroclor-1268	0.00	23.34f	0	179	N.D.	0.042 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	179	N.D.	0.042
Average Aroclor-1268					0.000	0.042

$$AR\ 1242 = \frac{1.856 \times 10\text{mL} \times 1.5 \times 10}{30.3 \times 0.94} = 9.800$$

$$AR\ 1254 = \frac{0.657 \times 10\text{mL} \times 1.5 \times 10}{30.3 \times 0.94} = 3.500$$

Kc

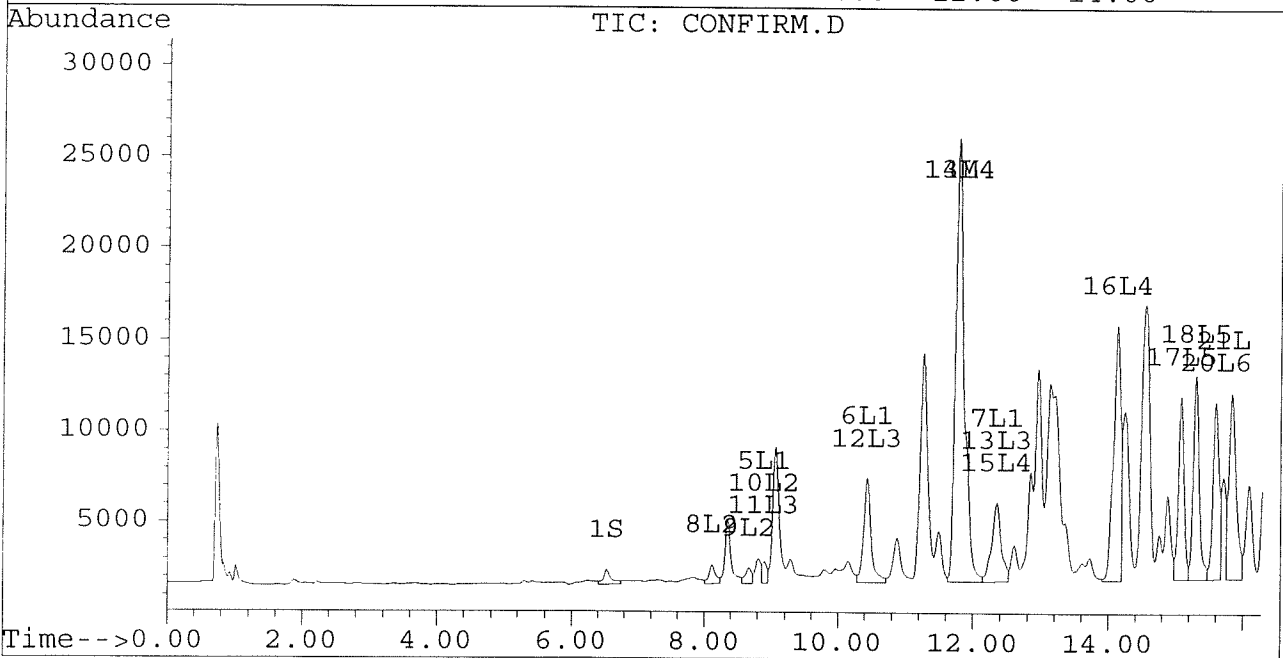
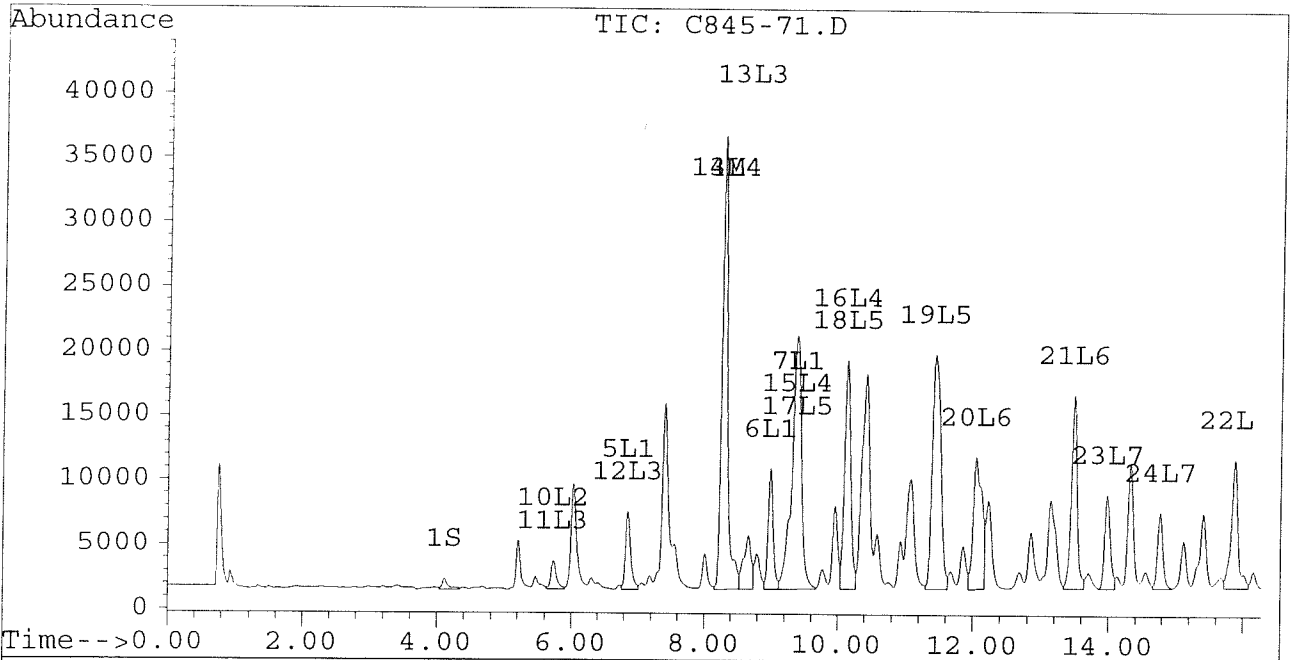
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-71.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-71.D\CONFIRM.D  
Acq On : 30 Aug 96 11:31 AM  
Sample : VHB/ PR11 1:10 DILUTION  
Misc : 30.3G/10ML 94 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 12:05 1996

Vial: 37  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



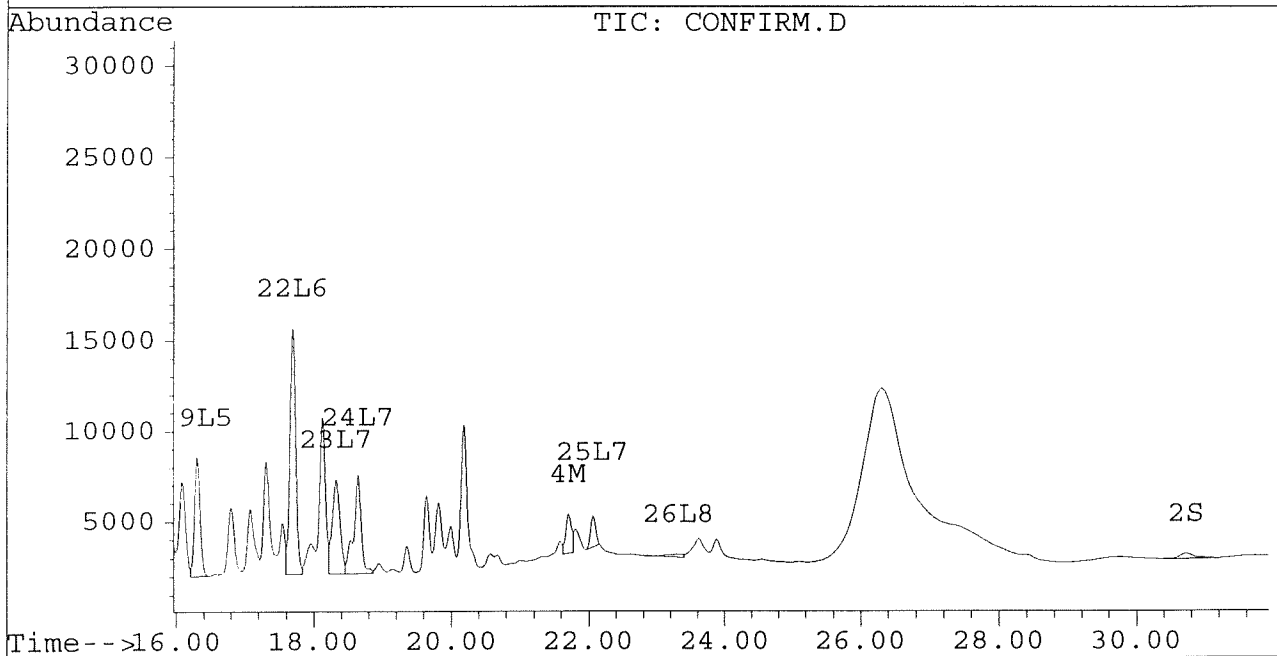
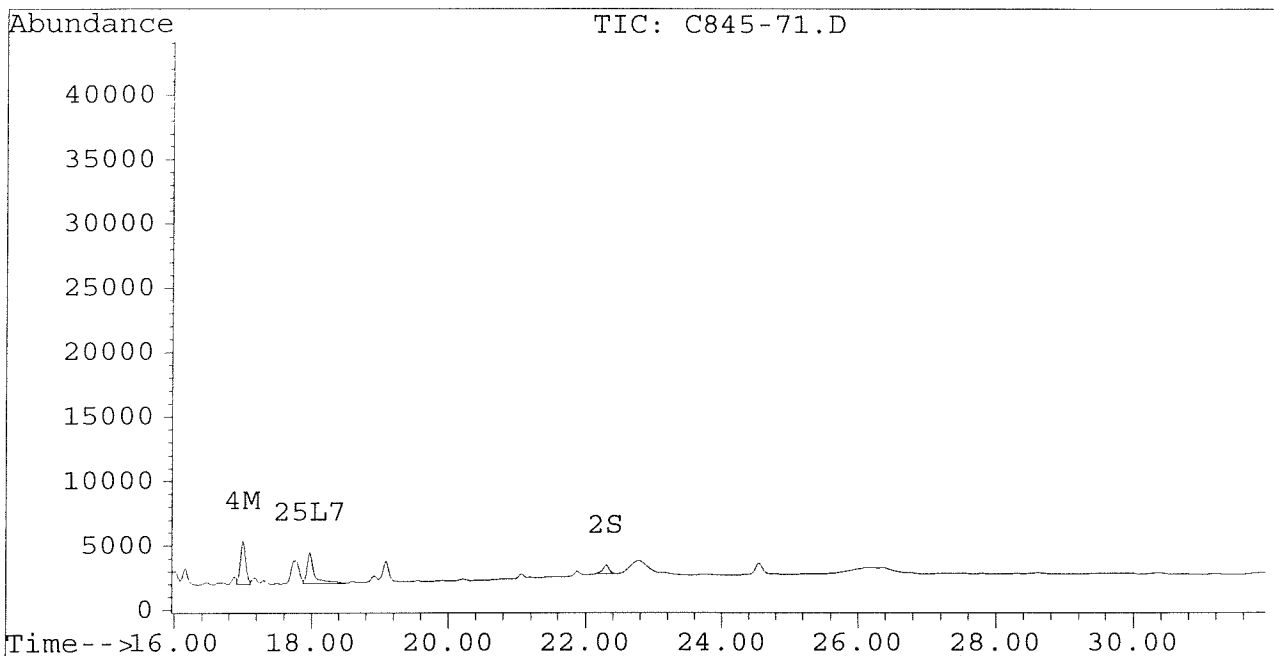
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-71.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-71.D\CONFIRM.D  
Acq On : 30 Aug 96 11:31 AM  
Sample : VHB/ PR11 1:10 DILUTION  
Misc : 30.3G/10ML 94 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 12:05 1996

Vial: 37  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-72.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-72.D\CONFIRM.D  
 Acq On : 30 Aug 96 01:53 PM  
 Sample : VHB/ PR12 1:10 DILUTION  
 Misc : 30.1G/10ML 95 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 14:27 1996

Vial: 41

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	770	730	0.003	0.004
			Recovery	=	7.50%	10.00%
2) S Decachlorobiphenyl	22.30	0.00	865	0	0.004	N.D. #
			Recovery	=	10.00%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.78	4095	2871	0.037	0.030
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	644	343	0.003	0.002 #
5) L1 Aroclor-1016	6.86	8.90	822	231	0.026	0.017 #
6) L1 Aroclor-1016 {2}	8.99	10.44	1126	842	0.064	0.030 #
7) L1 Aroclor-1016 {3}	9.38	12.36	2632	624	0.101	0.036 #
Total Aroclor-1016			4579	1698	0.191	0.084
Average Aroclor-1016					0.064	0.028
8) L2 Aroclor-1221	0.00	8.12	0	159	N.D.	0.026 #
9) L2 Aroclor-1221 {2}	5.55	8.67	107	245	0.018	0.050 #
10) L2 Aroclor-1221 {3}	5.72	8.90	389	231	0.019	0.015
Total Aroclor-1221			496	636	0.038	0.091
Average Aroclor-1221					0.019	0.030
11) L3 Aroclor-1232	5.72	8.90	389	231	0.021	0.016
12) L3 Aroclor-1232 {2}	6.86	10.44	822	842	0.060	0.070
13) L3 Aroclor-1232 {3}	8.66	12.36	586	624	0.071	0.090 #
Total Aroclor-1232			1796	1698	0.152	0.176
Average Aroclor-1232					0.051	0.059
14) L4 Aroclor-1242	8.28	11.78	4095	2871	0.099	0.096
15) L4 Aroclor-1242 {2}	9.38	12.36	2632	624	0.135	0.047 #
16) L4 Aroclor-1242 {3}	10.13	14.13	2205	1775	0.130	0.133
Total Aroclor-1242			8931	5270	0.365	0.277
Average Aroclor-1242					0.122	0.092
17) L5 Aroclor-1248	9.38	15.08	2632	1474	0.083	0.065
18) L5 Aroclor-1248 {2}	10.13	15.30	2205	1565	0.080	0.067
19) L5 Aroclor-1248 {3}	11.43	16.31	2580	1022	0.074	0.057
Total Aroclor-1248			7417	4061	0.237	0.190
Average Aroclor-1248					0.079	0.063

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-72.D Vial: 41  
 Signal #2 : D:\HPCHEM\5\AU29\C845-72.D\CONFIRM.D  
 Acq On : 30 Aug 96 01:53 PM Operator: JS  
 Sample : VHB/ PR12 1:10 DILUTION Inst : ECD1  
 Misc : 30.1G/10ML 95 % SOLID PCB ANALYSIS Multiplr: 1.00  
 Quant Time: Aug 30 14:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	1589	1639	0.051	0.061
21) L6 Aroclor-1254 {2}	13.48	15.84	2237	1662	0.052	0.057
22) L6 Aroclor-1254 {3}	15.87	17.69	1647	2010	0.051	0.050
Total Aroclor-1254			5474	5311	0.154	0.168
Average Aroclor-1254					0.051	0.056
23) L7 Aroclor-1260	13.98	18.33	1216	915	0.035	0.029
24) L7 Aroclor-1260 {2}	14.76	18.65	1071	972	0.026	0.027
25) L7 Aroclor-1260 {3}	17.97	22.06	544	389	0.009	0.007
Total Aroclor-1260			2831	2276	0.071	0.063
Average Aroclor-1260					0.024	0.021
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.53	0	148	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR1242 = \frac{0.234 \times 10 \text{ mL} \times 1.5 \times 10^{DF}}{30.1 \times 0.95} = 1200$$

$$AR1254 = \frac{0.103 \times 10 \text{ mL} \times 1.5 \times 10}{30.1 \times 0.95} = 540$$

Quantitation Report

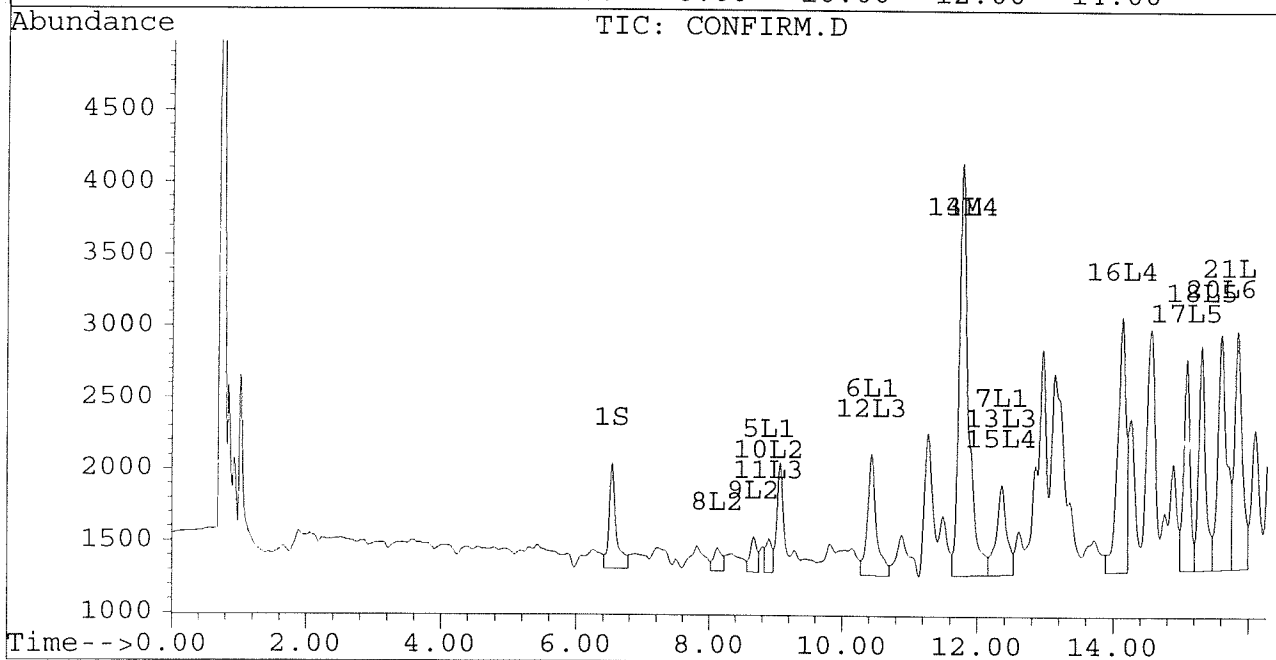
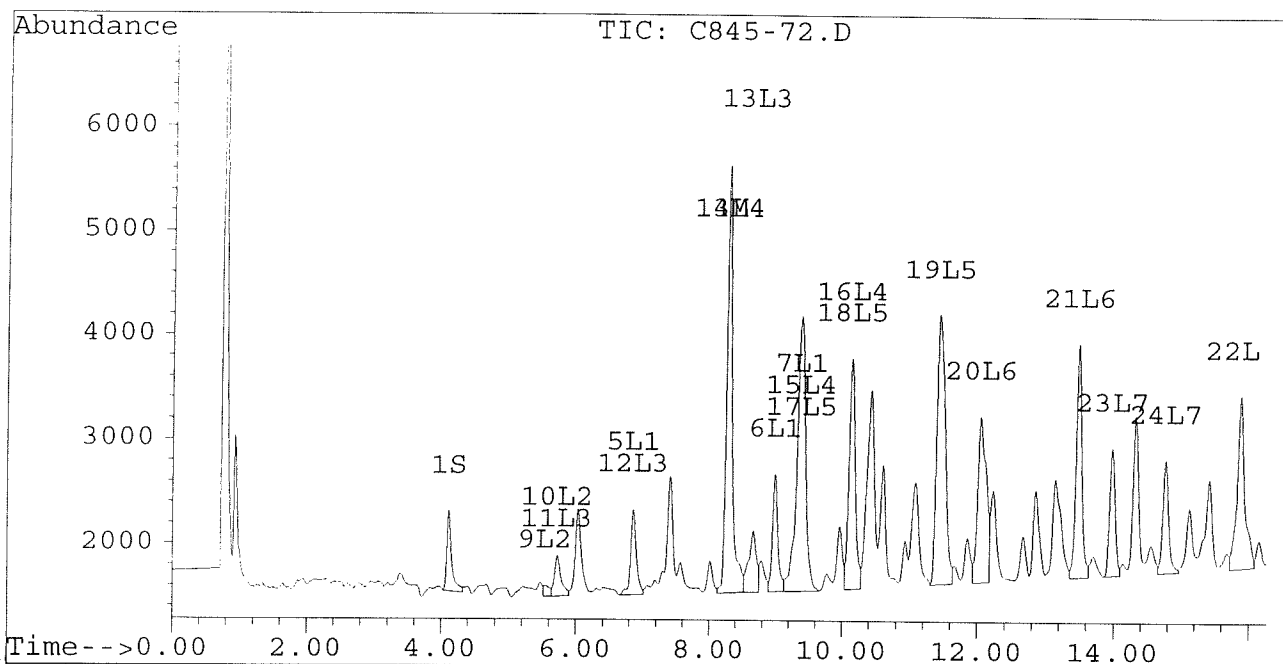
Signal #1 : D:\HPCHEM\5\AU29\C845-72.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-72.D\CONFIRM.D  
 Acq On : 30 Aug 96 01:53 PM  
 Sample : VHB/ PR12 1:10 DILUTION  
 Misc : 30.1G/10ML 95 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 14:27 1996

Vial: 41

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM



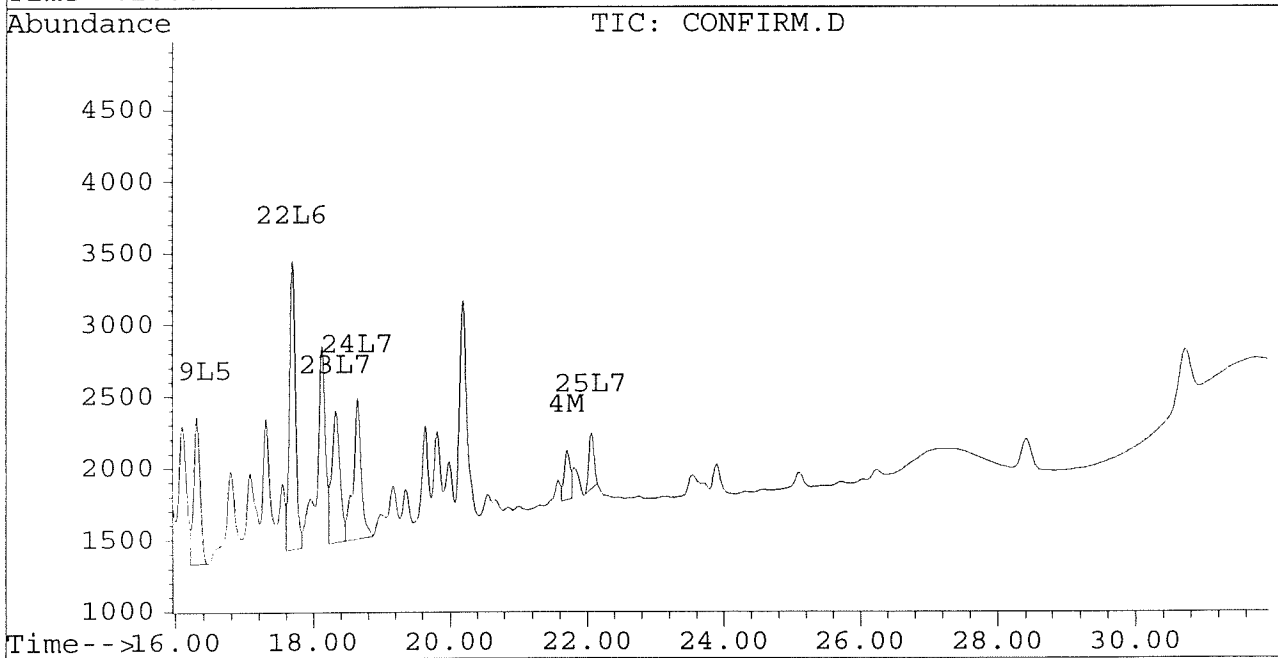
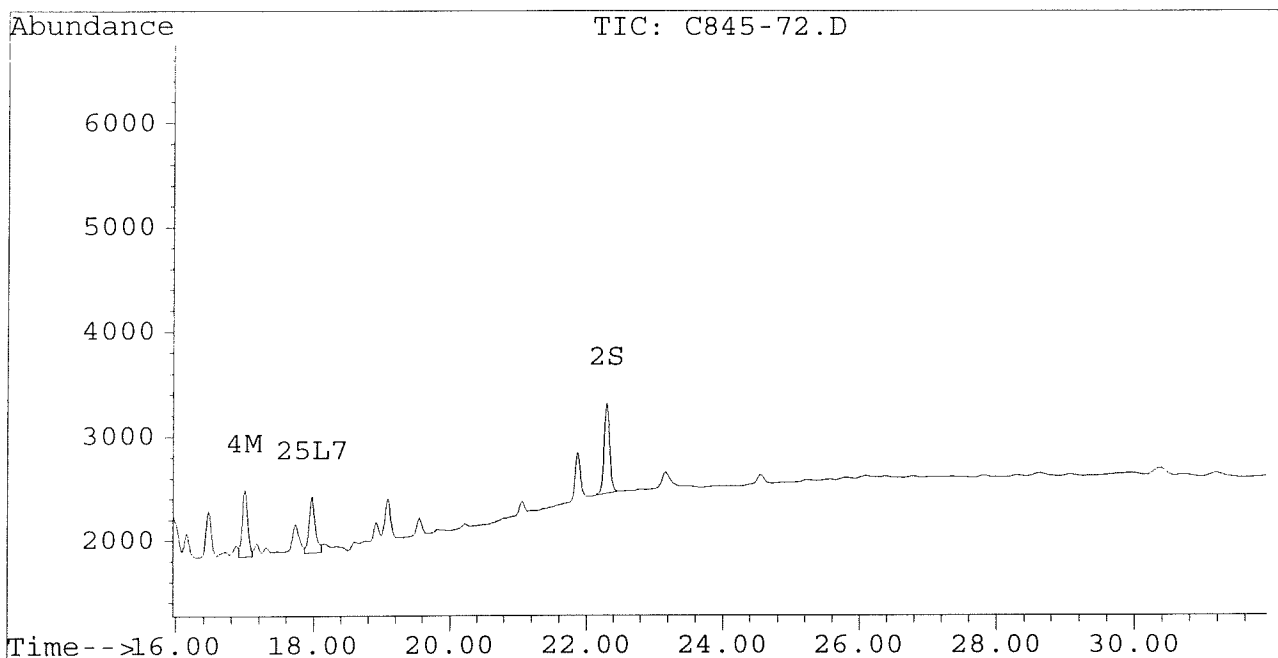


Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-72.D Vial: 41  
Signal #2 : D:\HPCHEM\5\AU29\C845-72.D\CONFIRM.D  
Acq On : 30 Aug 96 01:53 PM Operator: JS  
Sample : VHB/ PR12 1:10 DILUTION Inst : ECD1  
Misc : 30.1G/10ML 95 % SOLID PCB ANALYSIS Multiplr: 1.00  
Quant Time: Aug 30 14:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-73A.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-73A.D\CONFIRM.D  
 Acq On : 02 Sep 96 06:05 AM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 6:39 1996

Vial: 12  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylene	4.11	6.53	799	901	0.003	0.005 #
			Recovery	=	7.50%	12.50%
2) S Decachlorobiphenyl	22.30	30.72	897	439	0.004	0.005
			Recovery	=	10.00%	12.50%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	8.27	11.78	168794	118570	1.541	1.238
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	21673	14443	0.116	0.092
5) L1 Aroclor-1016	6.85	8.90	41173	8157	1.286	0.606 #
6) L1 Aroclor-1016 {2}	8.98	10.43	50079	36992	2.855	1.325 #
7) L1 Aroclor-1016 {3}	9.37	12.36	80386	25588	3.100	1.483 #
Total Aroclor-1016			171639	70737	7.241	3.414
Average Aroclor-1016					2.414	1.138
8) L2 Aroclor-1221	5.13	8.12	876	1301	0.125	0.213 #
9) L2 Aroclor-1221 {2}	5.55	8.67	1934	4063	0.332	0.833 #
10) L2 Aroclor-1221 {3}	5.72	8.90	15869	8157	0.785	0.531 #
Total Aroclor-1221			18680	13521	1.242	1.577
Average Aroclor-1221					0.414	0.526
11) L3 Aroclor-1232	5.72	8.90	15869	8157	0.870	0.569 #
12) L3 Aroclor-1232 {2}	6.85	10.43	41173	36992	3.017	3.079
13) L3 Aroclor-1232 {3}	8.66	12.36	27559	25588	3.329	3.690
Total Aroclor-1232			84601	70737	7.216	7.338
Average Aroclor-1232					2.405	2.446
14) L4 Aroclor-1242	8.27	11.78	168794	118570	4.076	3.978
15) L4 Aroclor-1242 {2}	9.37	12.36	80386	25588	4.132	1.936 #
16) L4 Aroclor-1242 {3}	10.13	14.13	75872	60426	4.491	4.542
Total Aroclor-1242			325052	204584	12.699	10.456
Average Aroclor-1242					4.233	3.485
17) L5 Aroclor-1248	9.37	15.08	80386	54804	2.526	2.433
18) L5 Aroclor-1248 {2}	10.13	15.30	75872	56825	2.770	2.434
19) L5 Aroclor-1248 {3}	11.43	16.31	92979	41448	2.672	2.321
Total Aroclor-1248			249238	153077	7.968	7.188
Average Aroclor-1248					2.656	2.396

*to be diluted*

4.076  
4.132

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-73A.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-73A.D\CONFIRM.D  
 Acq On : 02 Sep 96 06:05 AM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 6:39 1996

Vial: 12  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	52937	48582	1.695	1.798
21) L6 Aroclor-1254 {2}	13.48	15.83	83357	51340	1.930	1.764
22) L6 Aroclor-1254 {3}	15.87	17.69	59530	77288	1.854	1.941
Total Aroclor-1254			195824	177210	5.479	5.503
Average Aroclor-1254					1.826	1.834
23) L7 Aroclor-1260	13.97	18.32	39050	27347	1.125	0.855
24) L7 Aroclor-1260 {2}	14.76	18.64	32156	30048	0.791	0.835
25) L7 Aroclor-1260 {3}	17.97	22.06	14175	10696	0.245	0.200
Total Aroclor-1260			85382	68091	2.161	1.891
Average Aroclor-1260					0.720	0.630
26) L8 Aroclor-1268	0.00	23.32	0	257	N.D.	0.060 #
27) L8 Aroclor-1268 {2}	0.00	23.53	0	2294	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	257	N.D.	0.060
Average Aroclor-1268					0.000	0.060

*W*

Quantitation Report

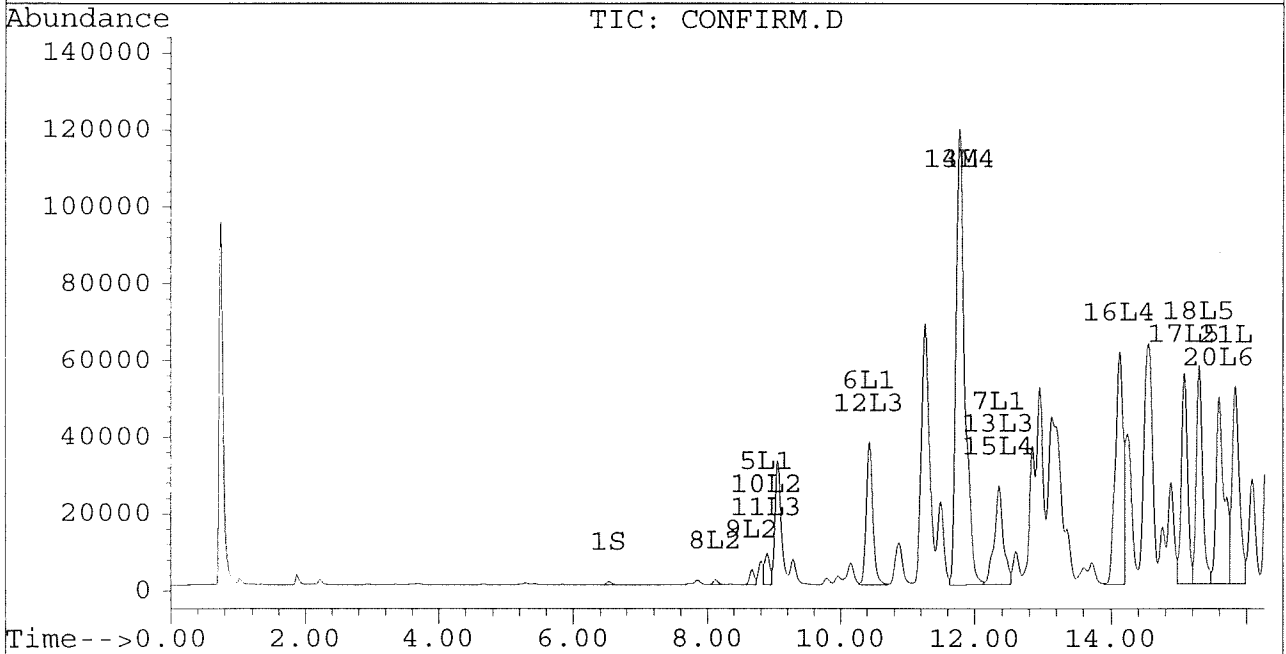
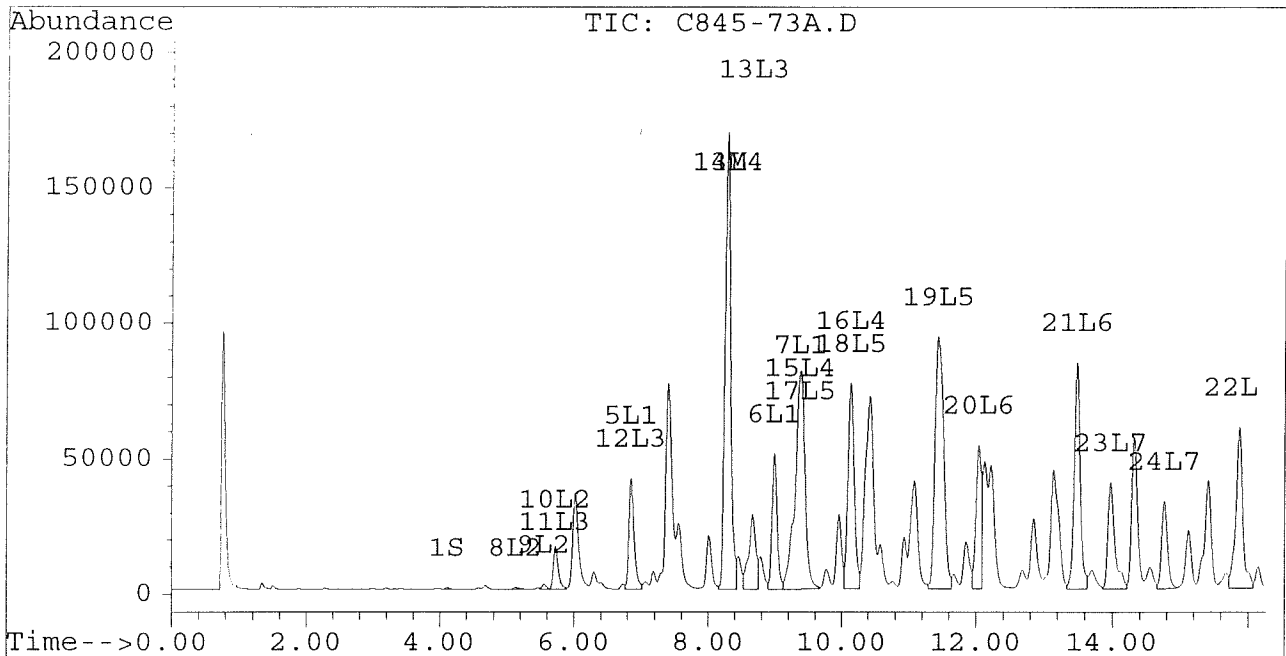
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Signal #2 : D:\HPCHEM\5\AU29\C845-73A.D\CONFIRM.D  
Acq On : 02 Sep 96 06:05 AM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 6:39 1996

Vial: 12

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



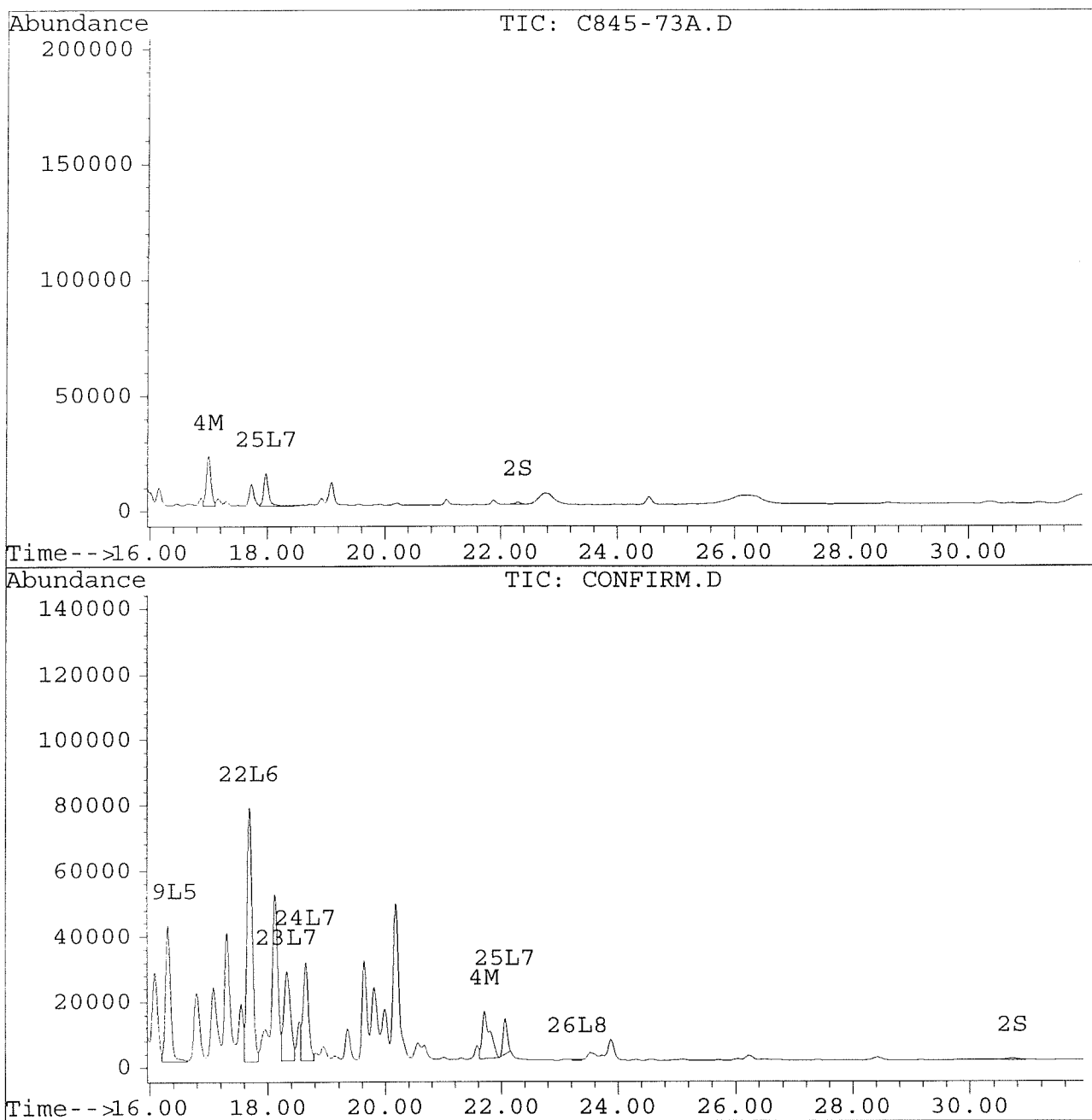
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-73A.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-73A.D\CONFIRM.D  
Acq On : 02 Sep 96 06:05 AM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 6:39 1996

Vial: 12  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-73C.D  
 Signal #2 : D:\HPCHEM\5\SE3\C845-73C.D\CONFIRM.D  
 Acq On : 03 Sep 96 07:21 PM  
 Sample : VHB / PN11 1:50 DILUTION  
 Misc : 30.0G/10ML 89% SOLID  
 Quant Time: Sep 3 19:54 1996

Vial: 10  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.05	6.46	142	181	0.001	0.001 #
			Recovery	=	2.50%	2.50%
2) S Decachlorobiphenyl	0.00	30.49	0	162	N.D.	0.002 #
			Recovery	=	0.00%	5.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.69	38216	27069	0.349	0.283
4) M 2,2',3,3',4,4'-Hexa	16.91	21.61	3916	2416	0.021	0.015 #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.71f	0.00	2736	0	0.331	N.D. #
Total Aroclor-1232			2736	0	0.331	N.D.
Average Aroclor-1232					0.331	0.000
14) L4 Aroclor-1242	8.20	11.69	38216	27069	0.923	0.908
15) L4 Aroclor-1242 {2}	9.30	12.27	19807	5656	1.018	0.428 #
16) L4 Aroclor-1242 {3}	10.05	14.04	17244	14092	1.021	1.059
Total Aroclor-1242			75267	46816	2.962	2.395
Average Aroclor-1242					0.987	0.798
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 C845-73C.D PCB1G.M Tue Sep 03 19:55:07 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-73C.D  
 Signal #2 : D:\HPCHEM\5\SE3\C845-73C.D\CONFIRM.D  
 Acq On : 03 Sep 96 07:21 PM  
 Sample : VHB / PN11 1:50 DILUTION  
 Misc : 30.0G/10ML 89% SOLID  
 Quant Time: Sep 3 19:54 1996

Vial: 10  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	11916	11275	0.382	0.417
21) L6 Aroclor-1254 {2}	13.40	15.74	17228	11923	0.399	0.410
22) L6 Aroclor-1254 {3}	15.79	17.60	11489	16224	0.358	0.407
Total Aroclor-1254			40633	39421	1.138	1.234
Average Aroclor-1254					0.379	0.411
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.83	0.00	657	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	1740	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR1242 = \frac{1.941 \times 10 \text{ mL} \times 1.5 \times 50}{30.0 \times 0.89} = 54,000 \text{ D}$$

$$AR1254 = \frac{0.757 \times 10 \text{ mL} \times 1.5 \times 50}{30.0 \times 0.89} = 21,000 \text{ D}$$

KZ

Quantitation Report

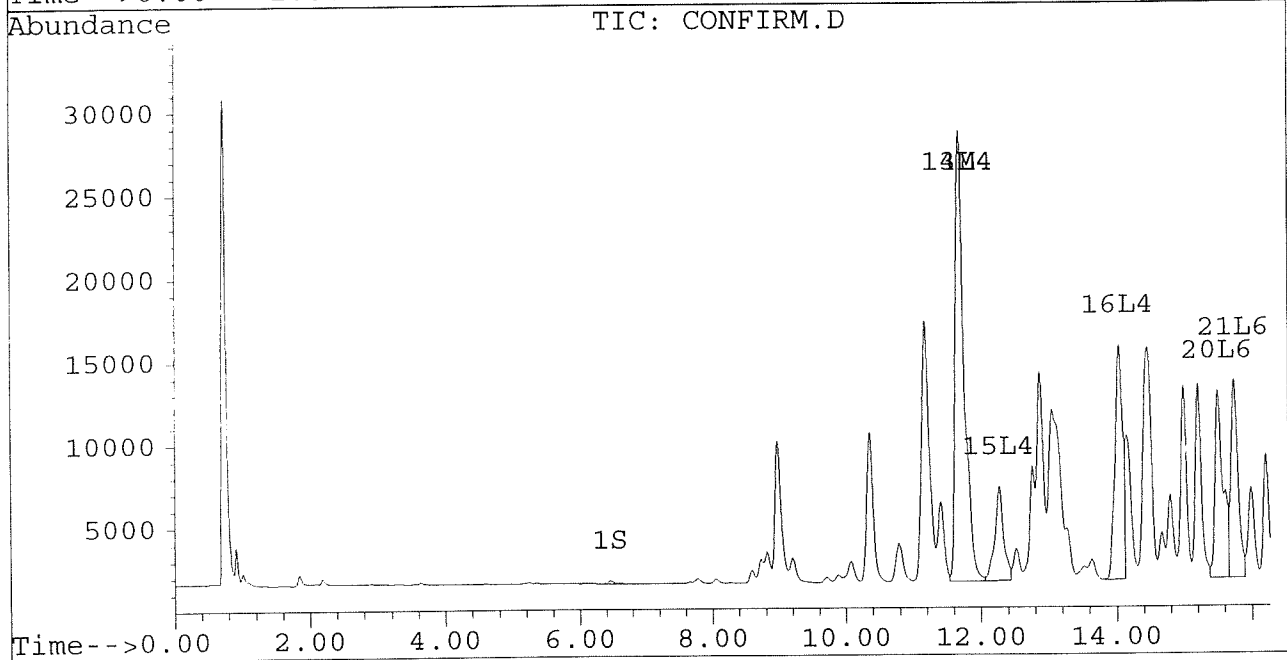
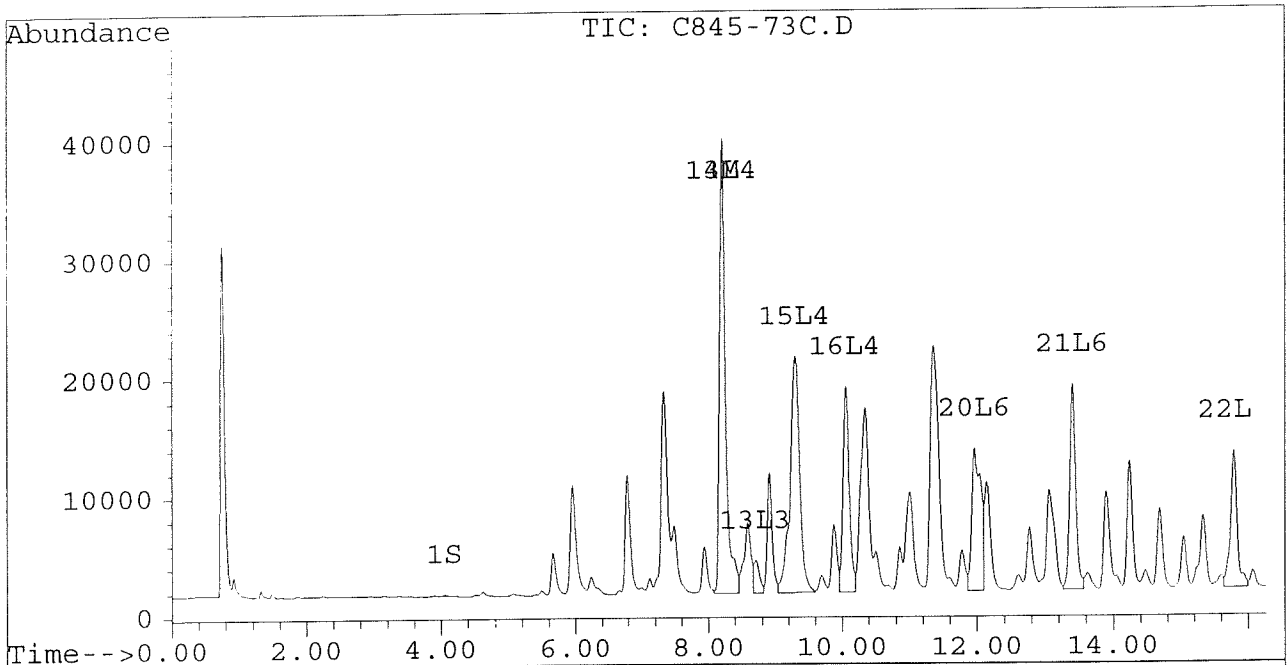
Signal #1 : D:\HPCHEM\5\SE3\C845-73C.D  
Signal #2 : D:\HPCHEM\5\SE3\C845-73C.D\CONFIRM.D  
Acq On : 03 Sep 96 07:21 PM  
Sample : VHB / \ PN11 1:50 DILUTION  
Misc : 30.0G/10ML 89% SOLID  
Quant Time: Sep 3 19:54 1996

Vial: 10  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM





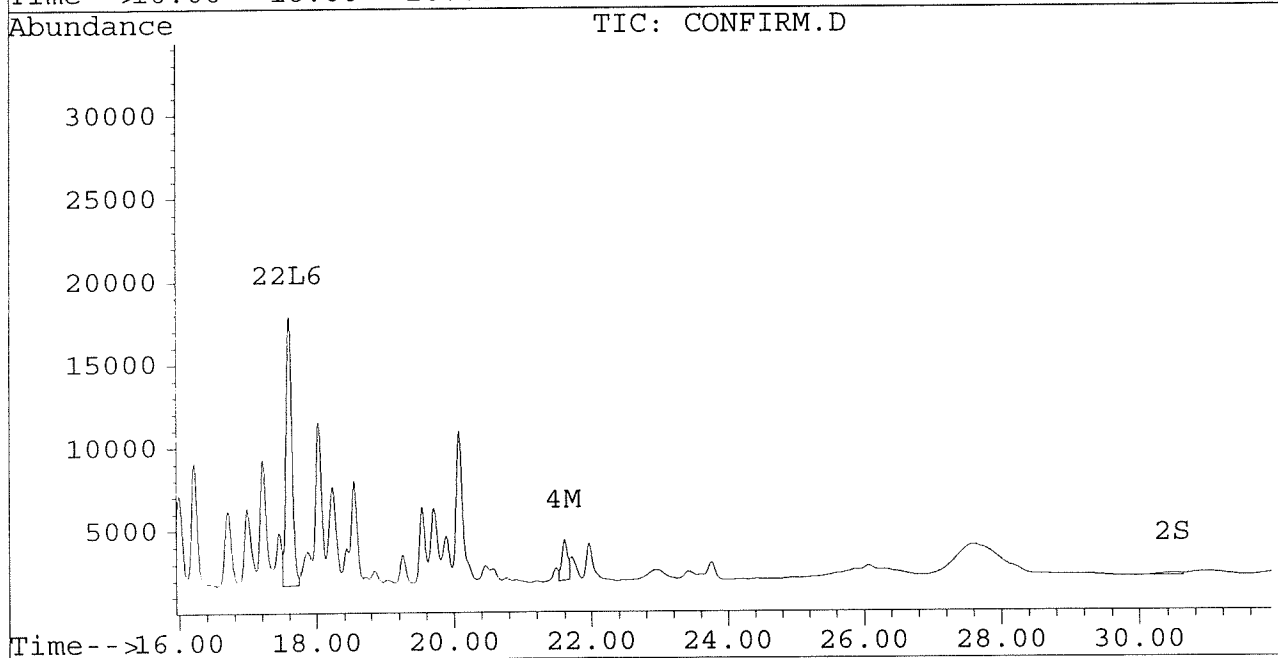
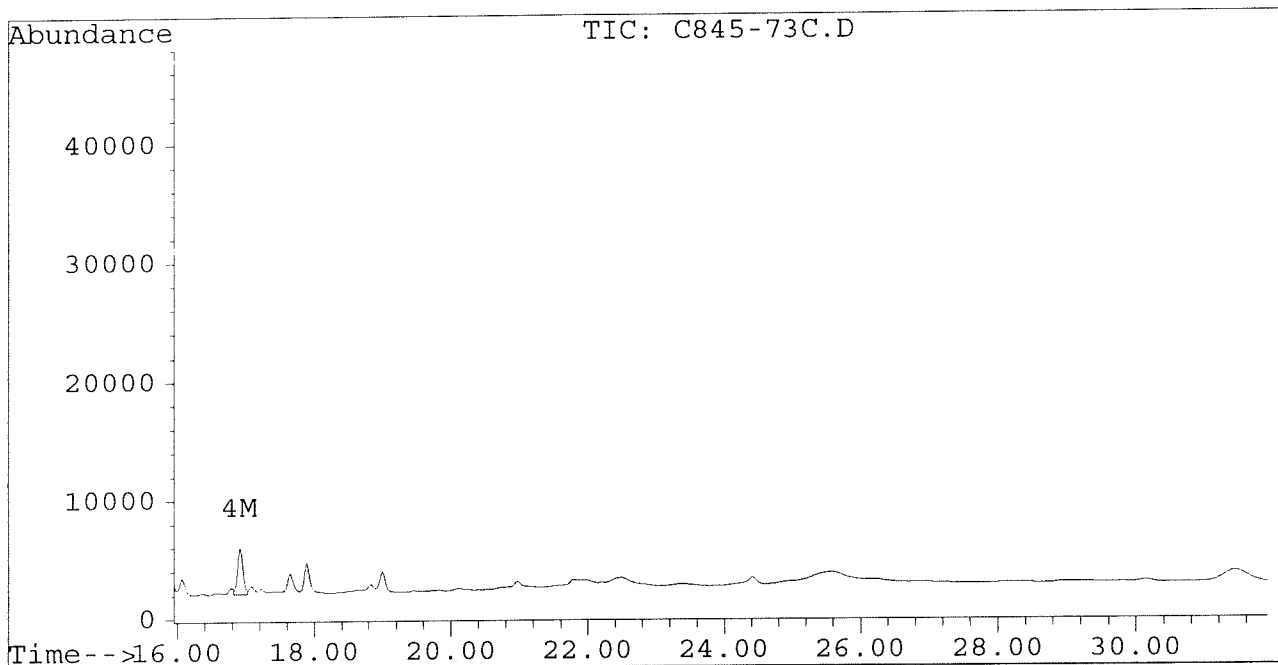
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-73C.D  
Signal #2 : D:\HPCHEM\5\SE3\C845-73C.D\CONFIRM.D  
Acq On : 03 Sep 96 07:21 PM  
Sample : VHB / PN11 1:50 DILUTION  
Misc : 30.0G/10ML 89% SOLID  
Quant Time: Sep 3 19:54 1996

Vial: 10  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-B2.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0827-B2.D\CONFIRM.D  
 Acq On : 29 Aug 96 11:04 PM  
 Sample : SOIL METHOD BLANK  
 Misc : 30.0G/10ML PCB ANALYSIS  
 Quant Time: Aug 29 23:38 1996

Vial: 19  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	9000	7490	0.038	0.039
			Recovery	=	95.00%	97.50%
2) S Decachlorobiphenyl	22.30	30.72	6054	2557	0.029	0.029
			Recovery	=	72.50%	72.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.78	245	171	0.002	0.002
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	257	0	0.001	N.D. #
5) L1 Aroclor-1016	6.86	8.90	98	20	0.003	0.001 #
6) L1 Aroclor-1016 {2}	8.99	10.44	59	92	0.003	0.003
7) L1 Aroclor-1016 {3}	9.38	12.37	159	42	0.006	0.002 #
Total Aroclor-1016			316	153	0.013	0.007
Average Aroclor-1016					0.004	0.002
8) L2 Aroclor-1221	5.09f	0.00	28	0	0.004	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.74	8.90	30	20	0.002	0.001
Total Aroclor-1221			59	20	0.006	0.001
Average Aroclor-1221					0.003	0.001
11) L3 Aroclor-1232	5.74	8.90	30	20	0.002	0.001
12) L3 Aroclor-1232 {2}	6.86	10.44	98	92	0.007	0.008
13) L3 Aroclor-1232 {3}	8.66	12.37	52	42	0.006	0.006
Total Aroclor-1232			180	153	0.015	0.015
Average Aroclor-1232					0.005	0.005
14) L4 Aroclor-1242	8.28	11.78	245	171	0.006	0.006
15) L4 Aroclor-1242 {2}	9.38	12.37	159	42	0.008	0.003 #
16) L4 Aroclor-1242 {3}	10.14	14.14	118	94	0.007	0.007
Total Aroclor-1242			521	307	0.021	0.016
Average Aroclor-1242					0.007	0.005
17) L5 Aroclor-1248	9.38	15.09	159	76	0.005	0.003 #
18) L5 Aroclor-1248 {2}	10.14	15.31	118	83	0.004	0.004
19) L5 Aroclor-1248 {3}	11.44	16.31	155	44	0.004	0.002 #
Total Aroclor-1248			432	203	0.014	0.009
Average Aroclor-1248					0.005	0.003

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 P0827-B2.D PCB1G.M Thu Aug 29 23:38:46 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-B2.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0827-B2.D\CONFIRM.D  
 Acq On : 29 Aug 96 11:04 PM  
 Sample : SOIL METHOD BLANK  
 Misc : 30.0G/10ML PCB ANALYSIS  
 Quant Time: Aug 29 23:38 1996

Vial: 19  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.05	15.60	96	78	0.003	0.003
21) L6 Aroclor-1254 {2}	13.49	15.84	118	89	0.003	0.003
22) L6 Aroclor-1254 {3}	15.88	17.70	85	109	0.003	0.003
Total Aroclor-1254			299	275	0.008	0.009
Average Aroclor-1254					0.003	0.003
23) L7 Aroclor-1260	13.98	18.33	62	41	0.002	0.001 #
24) L7 Aroclor-1260 {2}	14.77	18.65	58	48	0.001	0.001
25) L7 Aroclor-1260 {3}	0.00	22.08	0	13	N.D.	0.000 #
Total Aroclor-1260			120	101	0.003	0.003
Average Aroclor-1260					0.002	0.001
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.14f	0	12	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

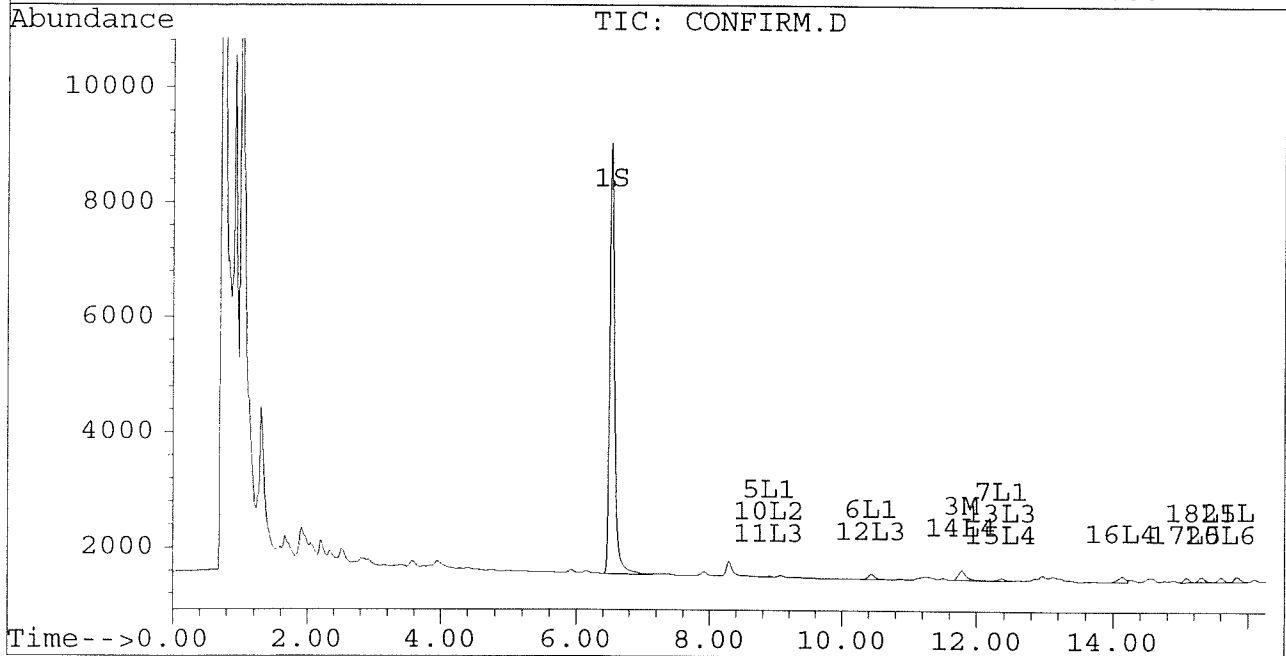
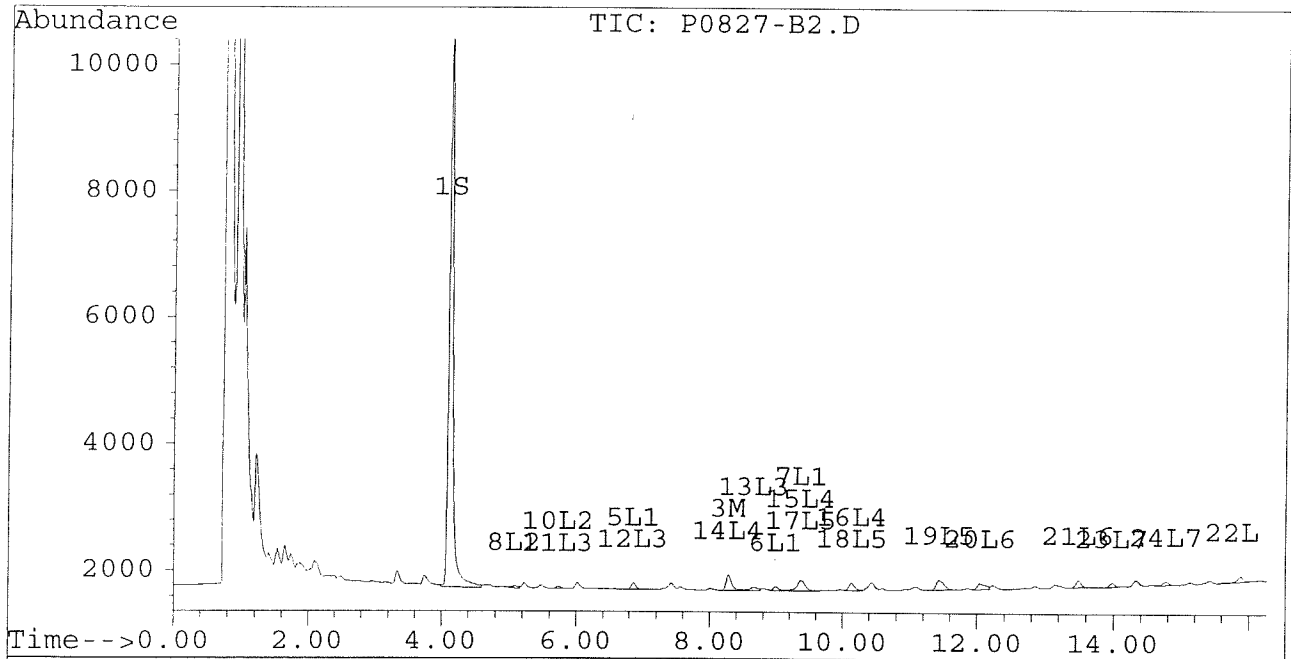
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-B2.D  
Signal #2 : D:\HPCHEM\5\AU29\P0827-B2.D\CONFIRM.D  
Acq On : 29 Aug 96 11:04 PM  
Sample : SOIL METHOD BLANK  
Misc : 30.0G/10ML PCB ANALYSIS  
Quant Time: Aug 29 23:38 1996

Vial: 19  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



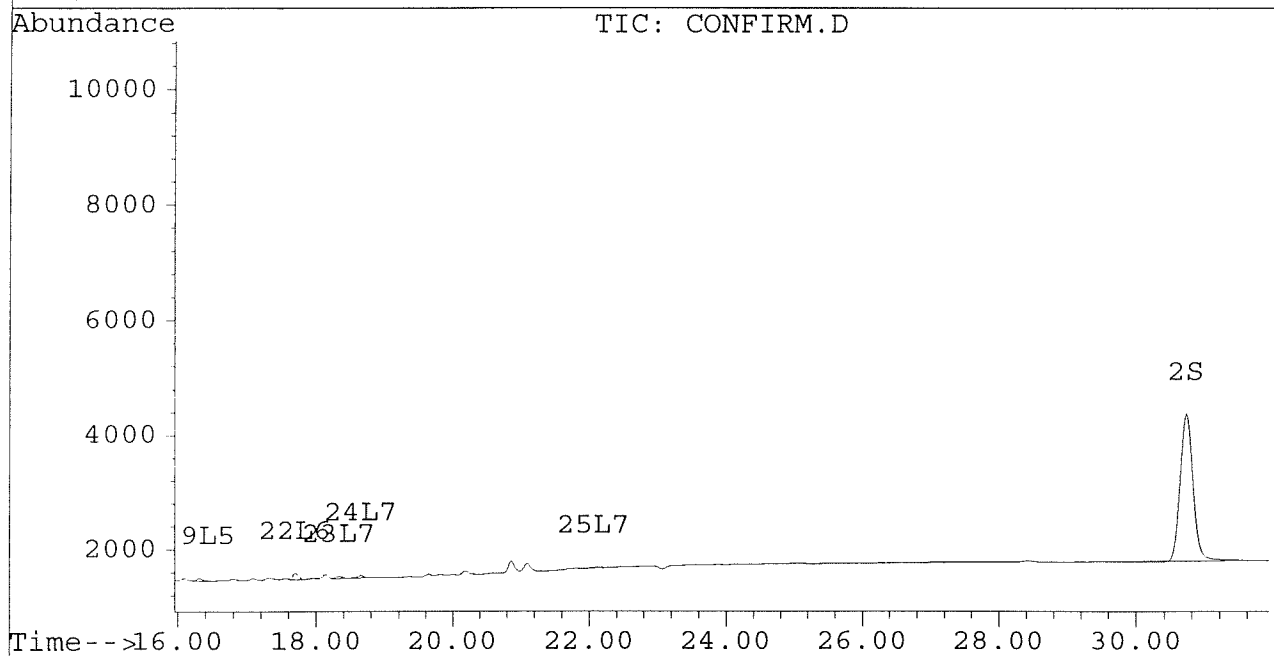
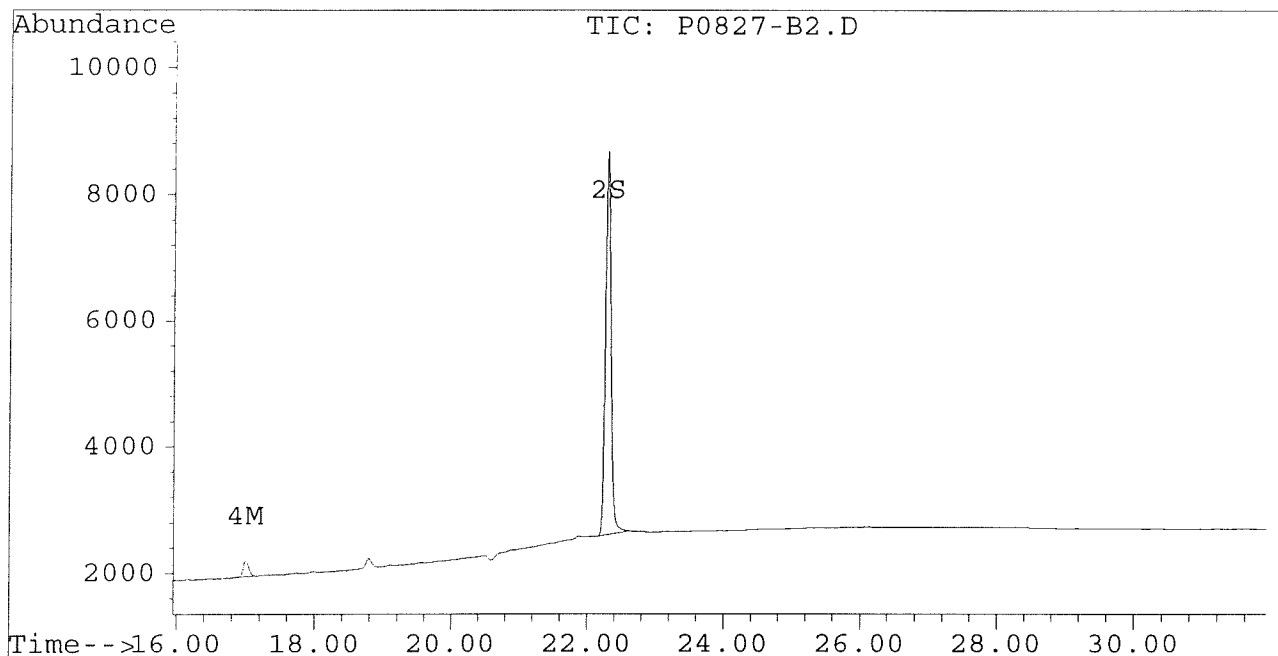
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-B2.D  
Signal #2 : D:\HPCHEM\5\AU29\P0827-B2.D\CONFIRM.D  
Acq On : 29 Aug 96 11:04 PM  
Sample : SOIL METHOD BLANK  
Misc : 30.0G/10ML PCB ANALYSIS  
Quant Time: Aug 29 23:38 1996

Vial: 19  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-L2.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0827-L2.D\CONFIRM.D  
 Acq On : 30 Aug 96 00:16 AM  
 Sample : SOIL LAB CONTROL SAMPLE  
 Misc : 30.0G/10ML PCB ANALYSIS  
 Quant Time: Aug 30 0:49 1996

Vial: 21  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	9014	7385	0.038	0.039
			Recovery	=	95.00%	97.50%
2) S Decachlorobiphenyl	22.30	30.73	6060	2581	0.029	0.029
			Recovery	=	72.50%	72.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.79	86459	79332	0.789	0.828
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	145303	130488	0.777	0.831
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.38	0.00	44	0	0.002	N.D. #
Total Aroclor-1016			44	0	0.002	N.D.
Average Aroclor-1016					0.002	0.000
8) L2 Aroclor-1221	5.12	8.11	179	131	0.025	0.021
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			179	131	0.025	0.021
Average Aroclor-1221					0.025	0.021
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.28	11.79	86459	79332	2.088	2.662 #
15) L4 Aroclor-1242 {2}	9.38	0.00	44	0	0.002	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			86503	79332	2.090	2.662
Average Aroclor-1242					1.045	2.662
17) L5 Aroclor-1248	9.38	0.00	44	0	0.001	N.D. #
18) L5 Aroclor-1248 {2}	0.00	15.31	0	59	N.D.	0.003 #
19) L5 Aroclor-1248 {3}	11.49f	16.31	59	26	0.002	0.001
Total Aroclor-1248			103	85	0.003	0.004
Average Aroclor-1248					0.002	0.002

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-L2.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0827-L2.D\CONFIRM.D  
 Acq On : 30 Aug 96 00:16 AM  
 Sample : SOIL LAB CONTROL SAMPLE  
 Misc : 30.0G/10ML PCB ANALYSIS  
 Quant Time: Aug 30 0:49 1996

Vial: 21  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	0.00	22	0	0.001	N.D. #
21) L6 Aroclor-1254 {2}	13.49	15.84	32	21	0.001	0.001
22) L6 Aroclor-1254 {3}	15.88	0.00	32	0	0.001	N.D. #
Total Aroclor-1254			86	21	0.002	0.001
Average Aroclor-1254					0.001	0.001
23) L7 Aroclor-1260	13.97	0.00	489	0	0.014	N.D. #
24) L7 Aroclor-1260 {2}	14.76	0.00	24	0	0.001	N.D. #
25) L7 Aroclor-1260 {3}	17.98	0.00	50	0	0.001	N.D. #
Total Aroclor-1260			562	0	0.016	N.D.
Average Aroclor-1260					0.005	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-L2.D  
Signal #2 : D:\HPCHEM\5\AU29\P0827-L2.D\CONFIRM.D  
Acq On : 30 Aug 96 00:16 AM  
Sample : SOIL LAB CONTROL SAMPLE  
Misc : 30.0G/10ML PCB ANALYSIS  
Quant Time: Aug 30 0:49 1996

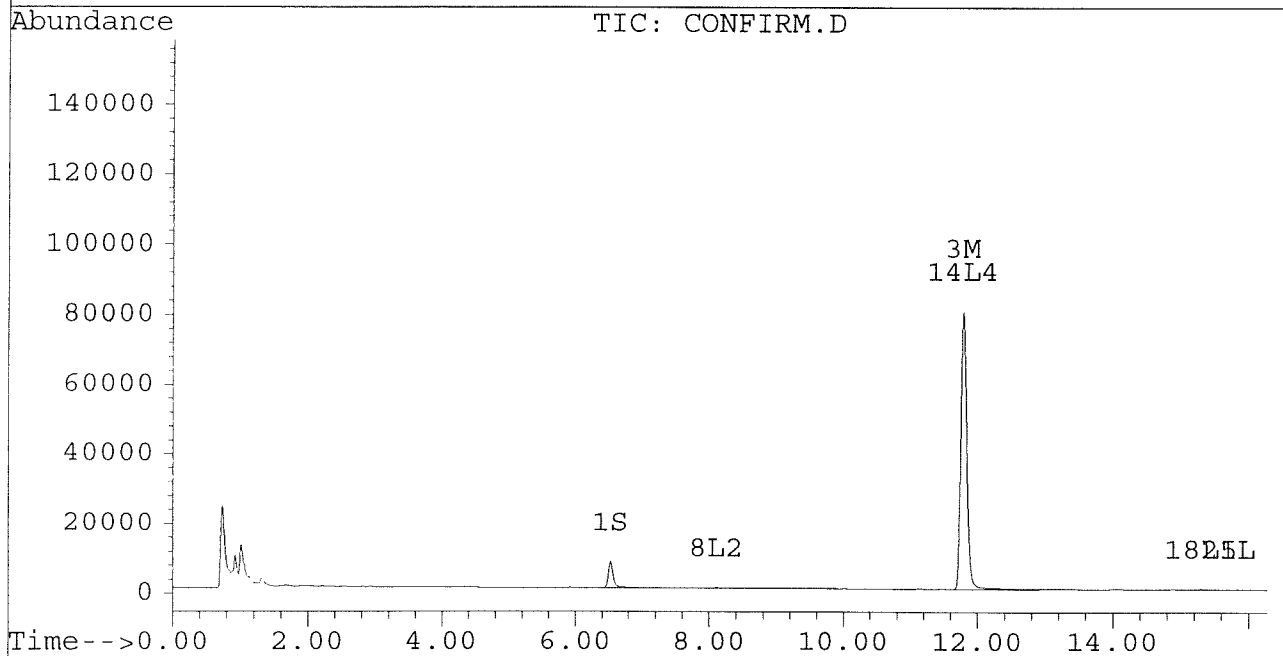
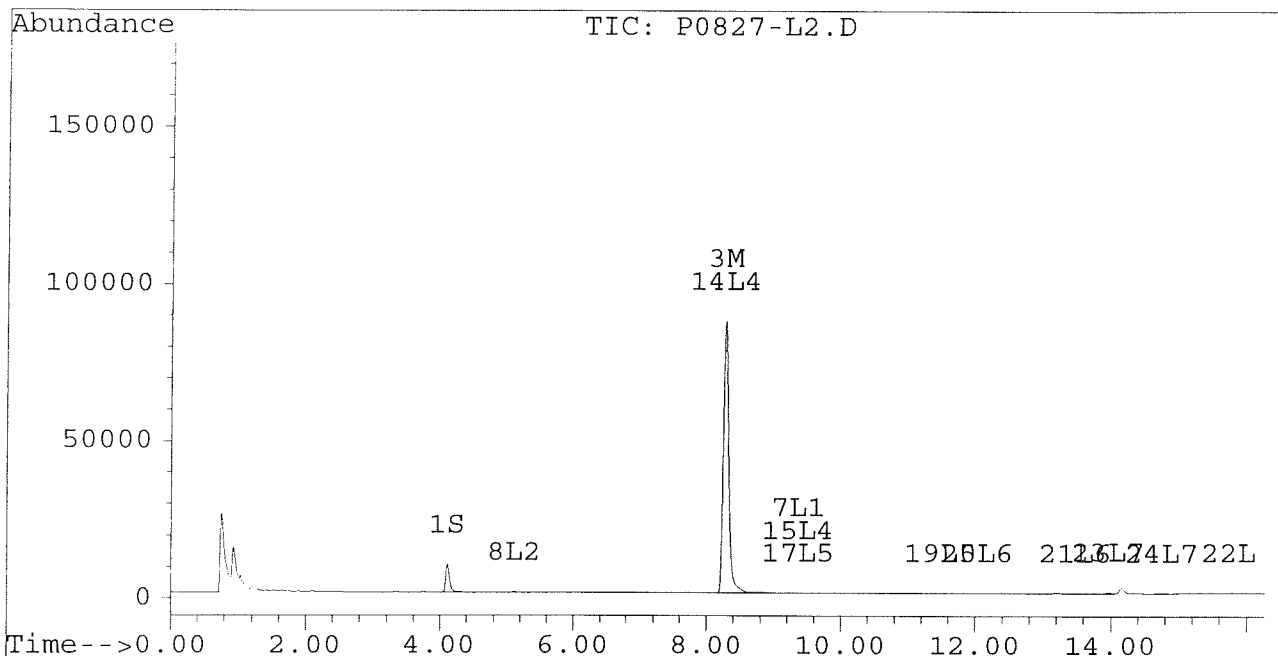
Vial: 21

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM





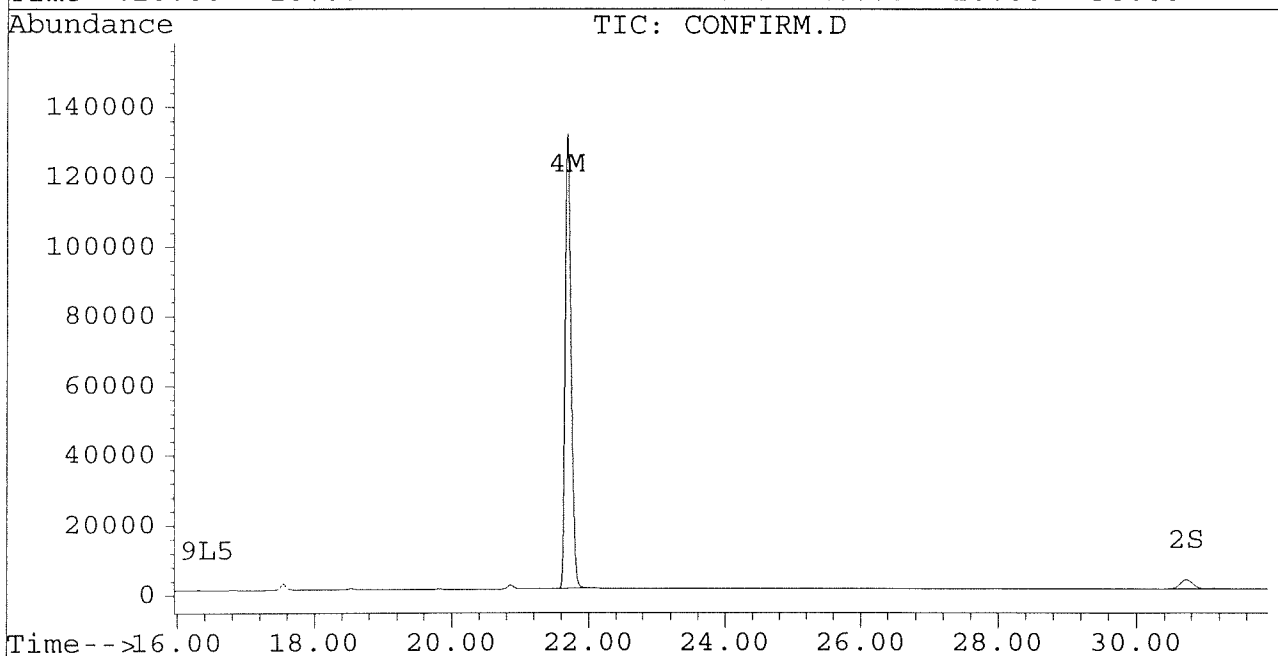
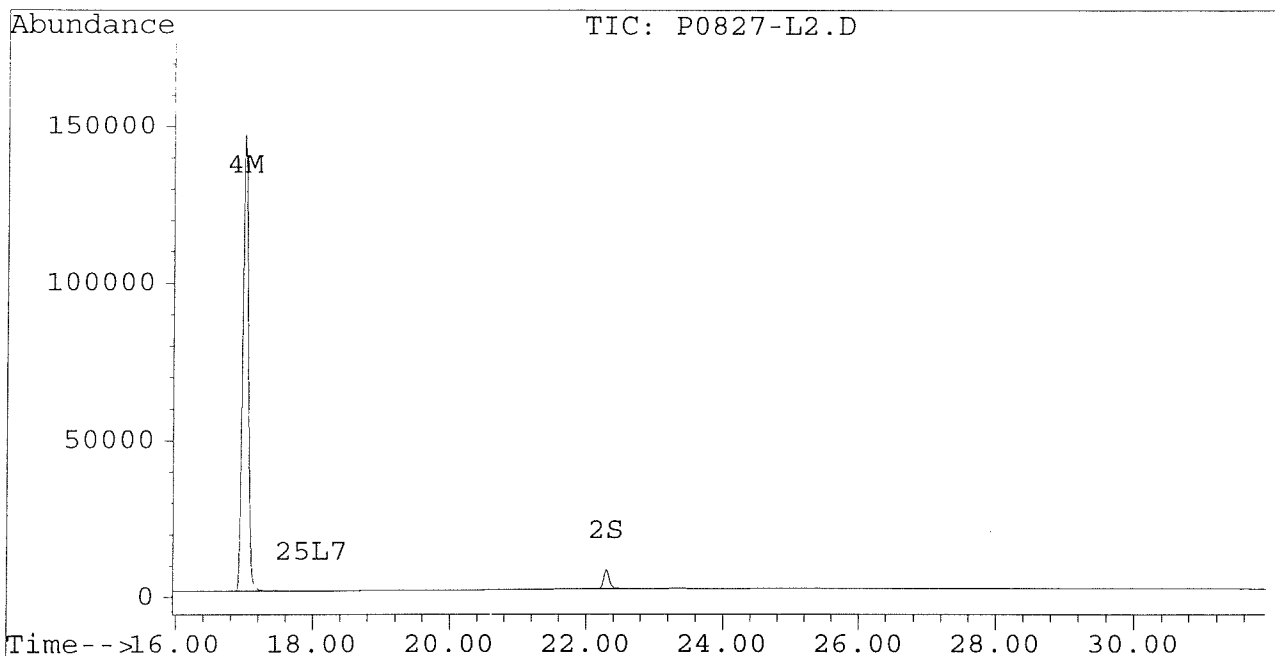
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-L2.D  
Signal #2 : D:\HPCHEM\5\AU29\P0827-L2.D\CONFIRM.D  
Acq On : 30 Aug 96 00:16 AM  
Sample : SOIL LAB CONTROL SAMPLE  
Misc : 30.0G/10ML PCB ANALYSIS  
Quant Time: Aug 30 0:49 1996

Vial: 21  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-61M.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-61M.D\CONFIRM.D  
 Acq On : 30 Aug 96 03:13 AM  
 Sample : VHB/ PM10 MS 1:10 DILUTION  
 Misc : 30.4G/10ML 92 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 3:47 1996

Vial: 26

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	476	424	0.002	0.002
			Recovery =		5.00%	5.00%
2) S Decachlorobiphenyl	22.30	30.73	594	114	0.003	0.001 #
			Recovery =		7.50%	2.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.78	22980	17408	0.210	0.182
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	15839	11928	0.085	0.076
5) L1 Aroclor-1016	6.85	8.90	4424	748	0.138	0.056 #
6) L1 Aroclor-1016 {2}	8.99	10.43	4521	3944	0.258	0.141 #
7) L1 Aroclor-1016 {3}	9.37	12.36	10681	2391	0.412	0.139 #
Total Aroclor-1016			19626	7083	0.808	0.335
Average Aroclor-1016					0.269	0.112
8) L2 Aroclor-1221	0.00	8.12	0	403	N.D.	0.066 #
9) L2 Aroclor-1221 {2}	5.56	8.67	196	692	0.034	0.142 #
10) L2 Aroclor-1221 {3}	5.72	8.90	1621	748	0.080	0.049 #
Total Aroclor-1221			1817	1844	0.114	0.257
Average Aroclor-1221					0.057	0.086
11) L3 Aroclor-1232	5.72	8.90	1621	748	0.089	0.052 #
12) L3 Aroclor-1232 {2}	6.85	10.43	4424	3944	0.324	0.328
13) L3 Aroclor-1232 {3}	8.66	12.36	2689	2391	0.325	0.345
Total Aroclor-1232			8734	7083	0.738	0.725
Average Aroclor-1232					0.246	0.242
14) L4 Aroclor-1242	8.28	11.78	22980	17408	0.555	0.584
15) L4 Aroclor-1242 {2}	9.37	12.36	10681	2391	0.549	0.181 #
16) L4 Aroclor-1242 {3}	10.13	14.13	9050	7059	0.536	0.531
Total Aroclor-1242			42711	26858	1.640	1.296
Average Aroclor-1242					0.547	0.432
17) L5 Aroclor-1248	9.37	15.08	10681	6111	0.336	0.271
18) L5 Aroclor-1248 {2}	10.13	15.30	9050	6009	0.330	0.257
19) L5 Aroclor-1248 {3}	11.43	16.31	12325	3712	0.354	0.208 #
Total Aroclor-1248			32056	15832	1.020	0.737
Average Aroclor-1248					0.340	0.246

Handwritten calculations:  
 $(0.210 - 0.152) \times 10 = 58\%$   
 $(0.085 - 0.026) \times 10 = 65\%$

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-61M.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-61M.D\CONFIRM.D  
 Acq On : 30 Aug 96 03:13 AM  
 Sample : VHB/ PM10 MS 1:10 DILUTION  
 Misc : 30.4G/10ML 92 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 3:47 1996

Vial: 26  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	8958	7543	0.287	0.279
21) L6 Aroclor-1254 {2}	13.48	15.84	13004	8412	0.301	0.289
22) L6 Aroclor-1254 {3}	15.87	17.70	10153	11922	0.316	0.299
Total Aroclor-1254			32116	27877	0.904	0.868
Average Aroclor-1254					0.301	0.289
23) L7 Aroclor-1260	13.98	18.33	6348	4424	0.183	0.138
24) L7 Aroclor-1260 {2}	14.76	18.64	5960	5283	0.147	0.147
25) L7 Aroclor-1260 {3}	17.97	22.06	2586	1699	0.045	0.032 #
Total Aroclor-1260			14894	11406	0.374	0.317
Average Aroclor-1260					0.125	0.106
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.54	0	836	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

0747

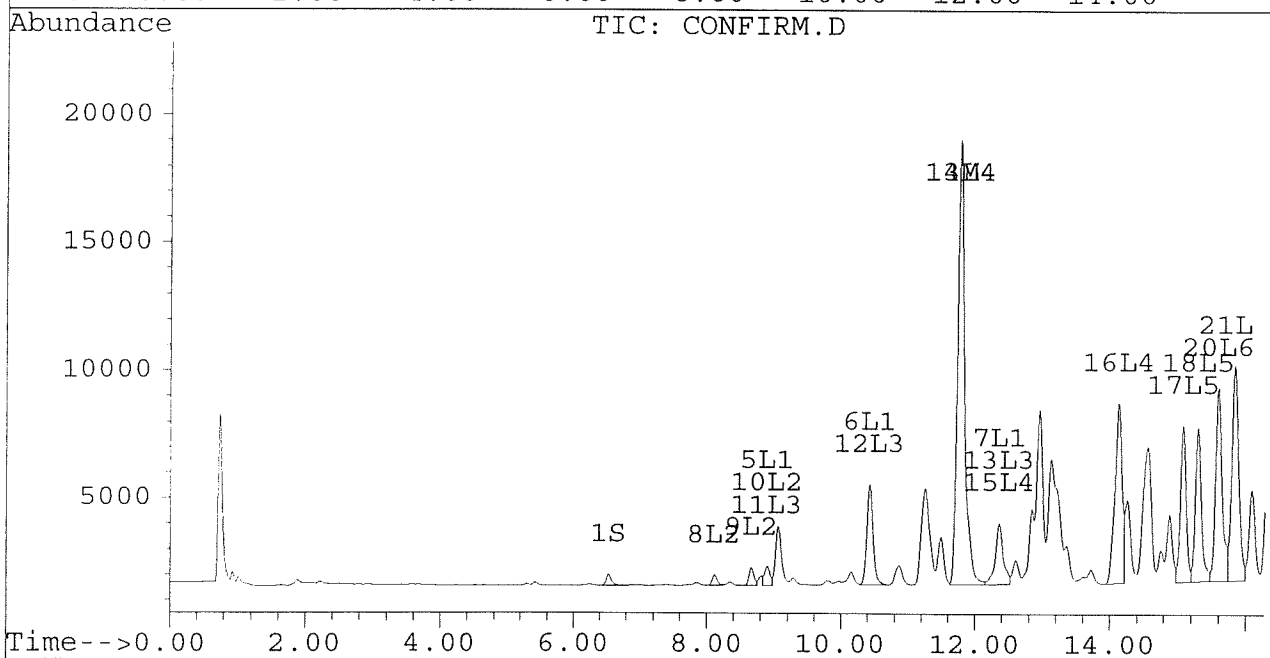
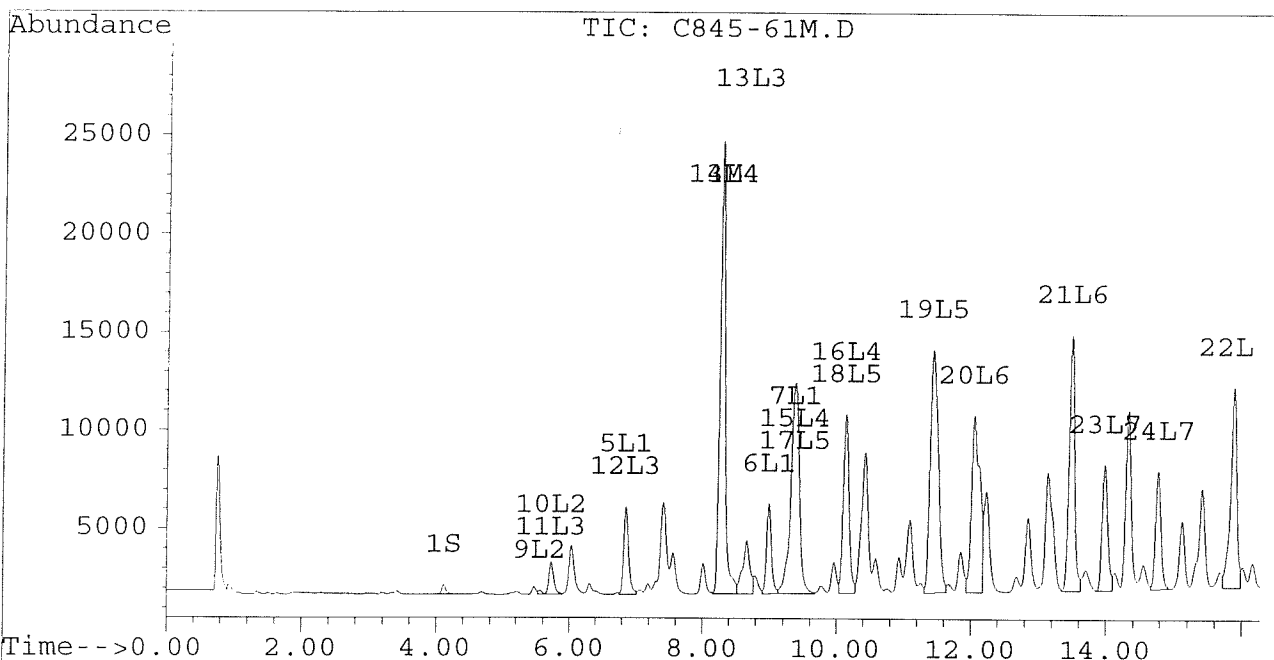
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-61M.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-61M.D\CONFIRM.D  
 Acq On : 30 Aug 96 03:13 AM  
 Sample : VHB/ PM10 MS 1:10 DILUTION  
 Misc : 30.4G/10ML 92 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 3:47 1996

Vial: 26  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

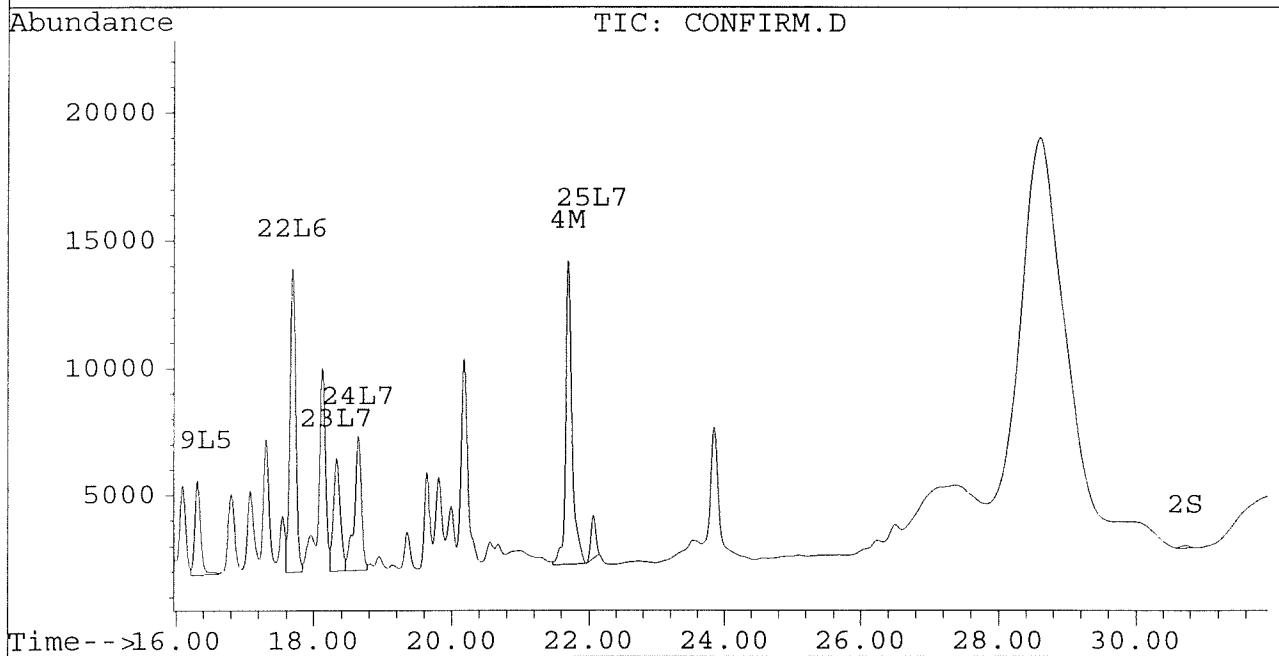
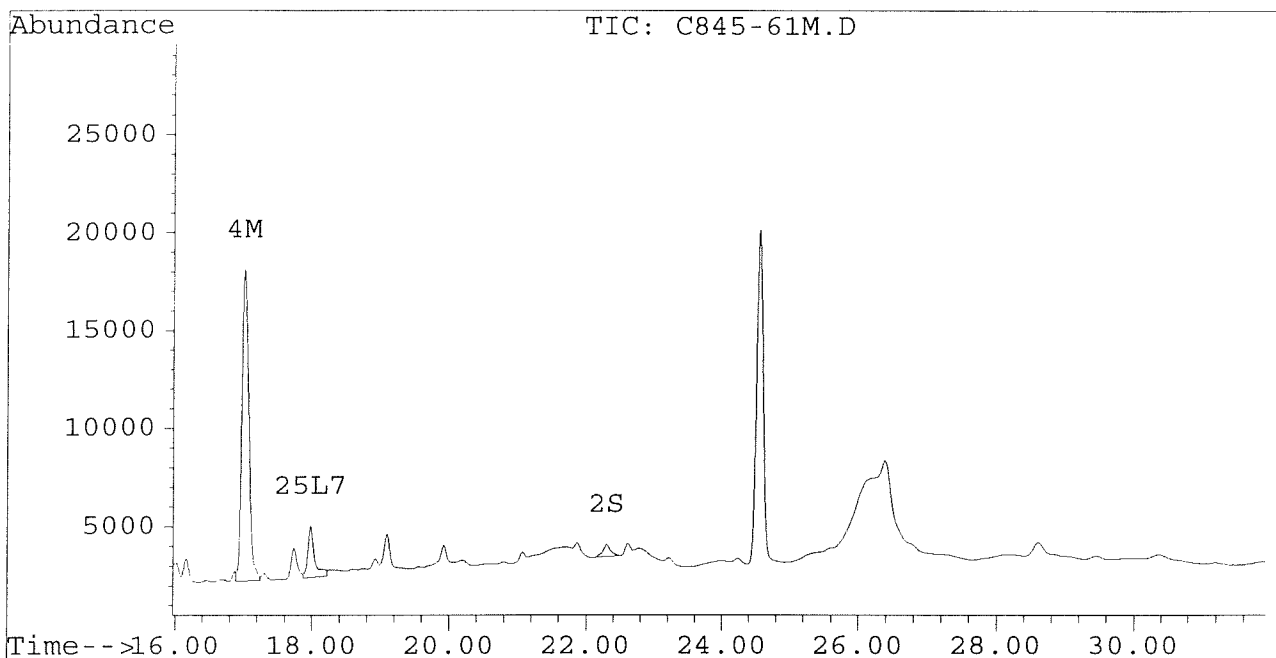


Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-61M.D Vial: 26  
Signal #2 : D:\HPCHEM\5\AU29\C845-61M.D\CONFIRM.D  
Acq On : 30 Aug 96 03:13 AM Operator: JS  
Sample : VHB/ PM10 MS 1:10 DILUTION Inst : ECD1  
Misc : 30.4G/10ML 92 % SOLID PCB ANALYSIS Multiplr: 1.00  
Quant Time: Aug 30 3:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-61D.D Vial: 27  
 Signal #2 : D:\HPCHEM\5\AU29\C845-61D.D\CONFIRM.D  
 Acq On : 30 Aug 96 03:49 AM Operator: JS  
 Sample : VHB/ PM10 MSD 1:10 DILUTION Inst : ECD1  
 Misc : 30.0G/10ML 92 % SOLID PCB ANALYSIS Multiplr: 1.00  
 Quant Time: Aug 30 4:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	733	641	0.003	0.003
			Recovery =		7.50%	7.50%
2) S Decachlorobiphenyl	22.30	30.76	752	467	0.004	0.005 #
			Recovery =		10.00%	12.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.79	38003	29435	0.347	0.307
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	21793	18230	0.117	0.116
5) L1 Aroclor-1016	6.85	8.90	8706	1182	0.272	0.088 #
6) L1 Aroclor-1016 {2}	8.99	10.44	8224	7873	0.469	0.282 #
7) L1 Aroclor-1016 {3}	9.37	12.36	17381	4135	0.670	0.240 #
Total Aroclor-1016			34311	13190	1.411	0.609
Average Aroclor-1016					0.470	0.203
8) L2 Aroclor-1221	5.13	8.12	117	583	0.017	0.095 #
9) L2 Aroclor-1221 {2}	5.56	8.67	312	1330	0.054	0.273 #
10) L2 Aroclor-1221 {3}	5.72	8.90	2808	1182	0.139	0.077 #
Total Aroclor-1221			3238	3095	0.209	0.445
Average Aroclor-1221					0.070	0.148
11) L3 Aroclor-1232	5.72	8.90	2808	1182	0.154	0.082 #
12) L3 Aroclor-1232 {2}	6.85	10.44	8706	7873	0.638	0.655
13) L3 Aroclor-1232 {3}	8.66	12.36	4845	4135	0.585	0.596
Total Aroclor-1232			16359	13190	1.377	1.334
Average Aroclor-1232					0.459	0.445
14) L4 Aroclor-1242	8.28	11.79	38003	29435	0.918	0.988
15) L4 Aroclor-1242 {2}	9.37	12.36	17381	4135	0.893	0.313 #
16) L4 Aroclor-1242 {3}	10.13	14.13	14893	11899	0.881	0.894
Total Aroclor-1242			70277	45469	2.693	2.195
Average Aroclor-1242					0.898	0.732
17) L5 Aroclor-1248	9.37	15.08	17381	9582	0.546	0.425
18) L5 Aroclor-1248 {2}	10.13	15.30	14893	9712	0.544	0.416
19) L5 Aroclor-1248 {3}	11.43	16.31	18972	6083	0.545	0.341 #
Total Aroclor-1248			51246	25378	1.635	1.182
Average Aroclor-1248					0.545	0.394

Handwritten calculations and notes:  
 $(0.347 - 0.152) \times 40 = 19.5\%$   
 $(0.117 - 0.026) \times 10 = 9.7\%$   
 Boxed values: 0.347, 0.117, 0.272, 0.469, 0.670, 0.470

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-61D.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-61D.D\CONFIRM.D  
 Acq On : 30 Aug 96 03:49 AM  
 Sample : VHB/ PM10 MSD 1:10 DILUTION  
 Misc : 30.0G/10ML 92 % SOLID PCB ANALYSIS  
 Quant Time: Aug 30 4:23 1996

Vial: 27  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	12996	11685	0.416	0.433
21) L6 Aroclor-1254 {2}	13.48	15.84	19465	12640	0.451	0.434
22) L6 Aroclor-1254 {3}	15.87	17.70	14730	18273	0.459	0.459
Total Aroclor-1254			47191	42598	1.326	1.326
Average Aroclor-1254					0.442	0.442
23) L7 Aroclor-1260	13.98	18.33	9240	6647	0.266	0.208
24) L7 Aroclor-1260 {2}	14.76	18.65	8415	7733	0.207	0.215
25) L7 Aroclor-1260 {3}	17.98	22.07	3526	2284	0.061	0.043 #
Total Aroclor-1260			21181	16664	0.534	0.466
Average Aroclor-1260					0.178	0.155
26) L8 Aroclor-1268	0.00	23.34f	0	5090	N.D.	1.185 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	5090	N.D.	1.185
Average Aroclor-1268					0.000	1.185

Quantitation Report

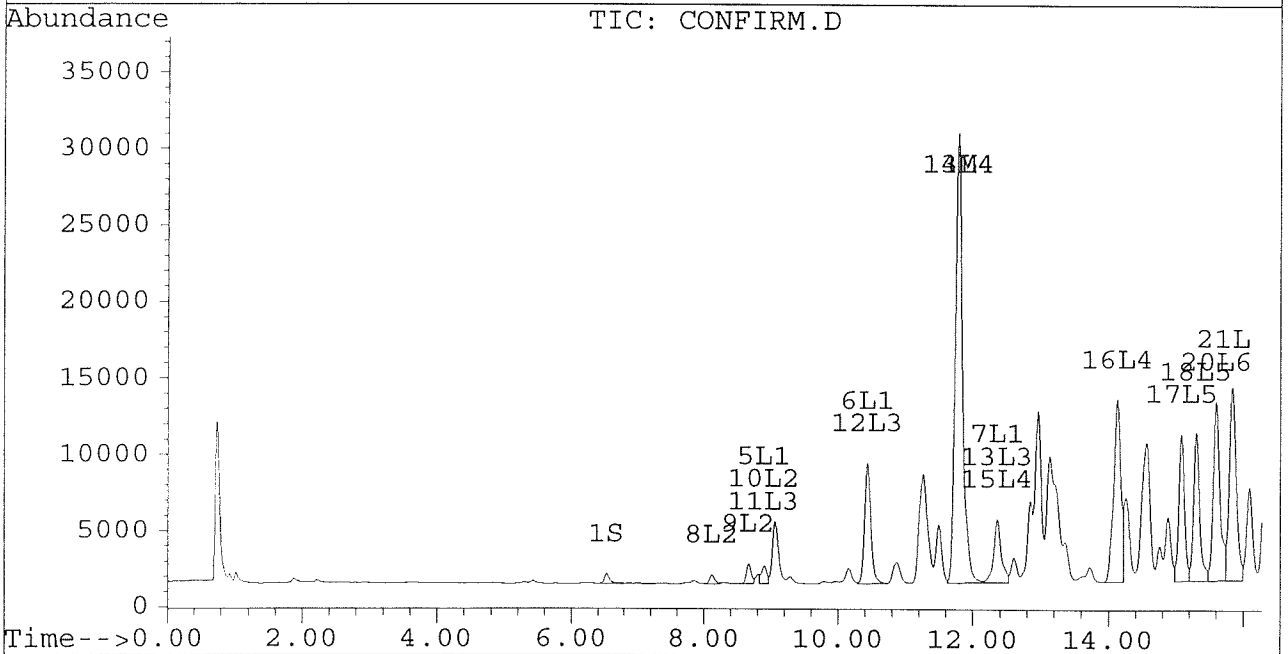
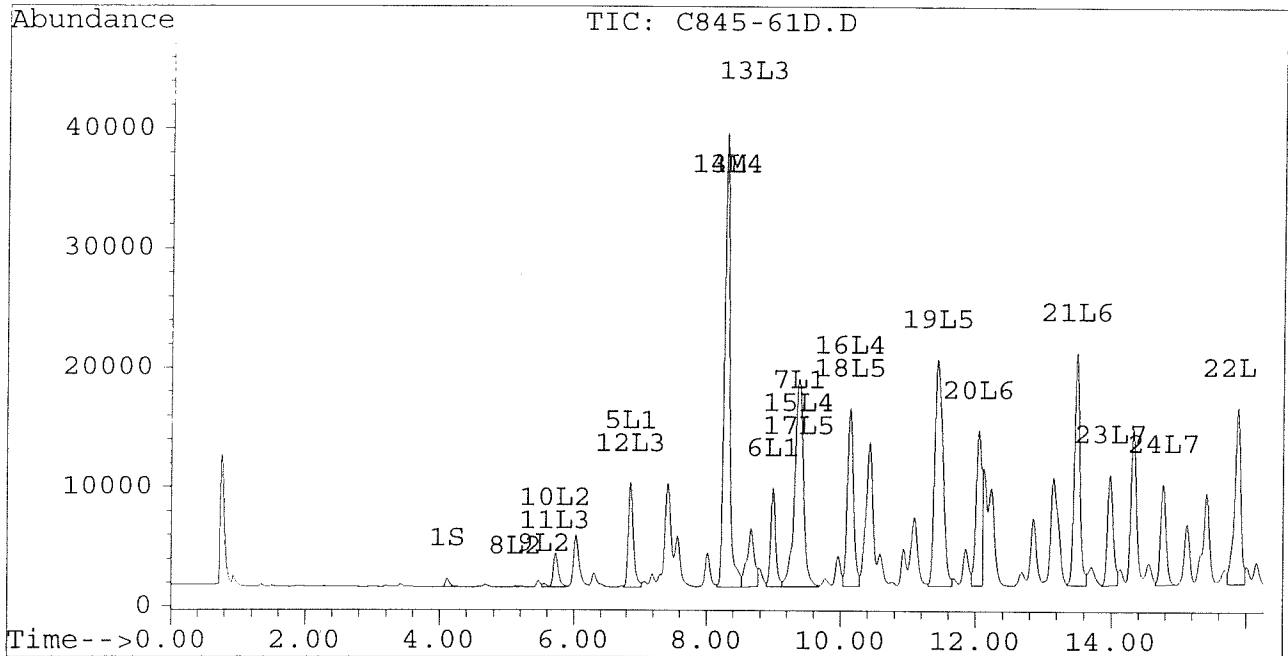
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Signal #2 : D:\HPCHEM\5\AU29\C845-61D.D\CONFIRM.D  
Acq On : 30 Aug 96 03:49 AM  
Sample : VHB/ PM10 MSD 1:10 DILUTION  
Misc : 30.0G/10ML 92 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 4:23 1996

Vial: 27

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM





Quantitation Report

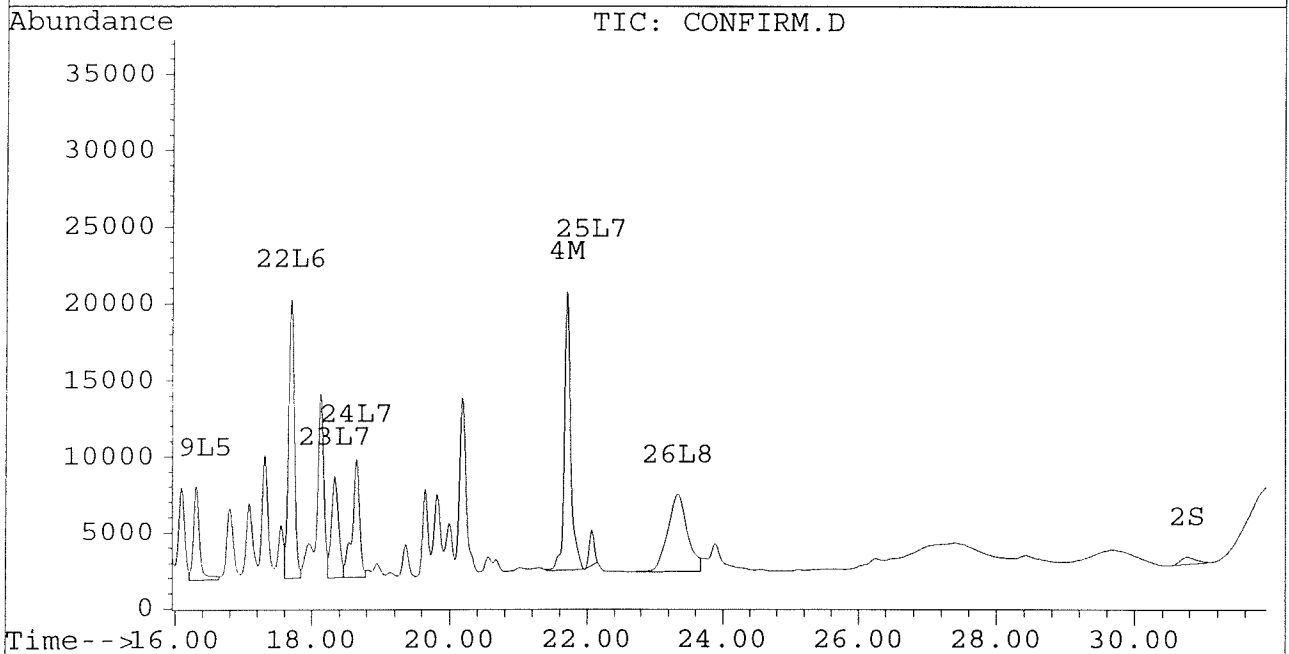
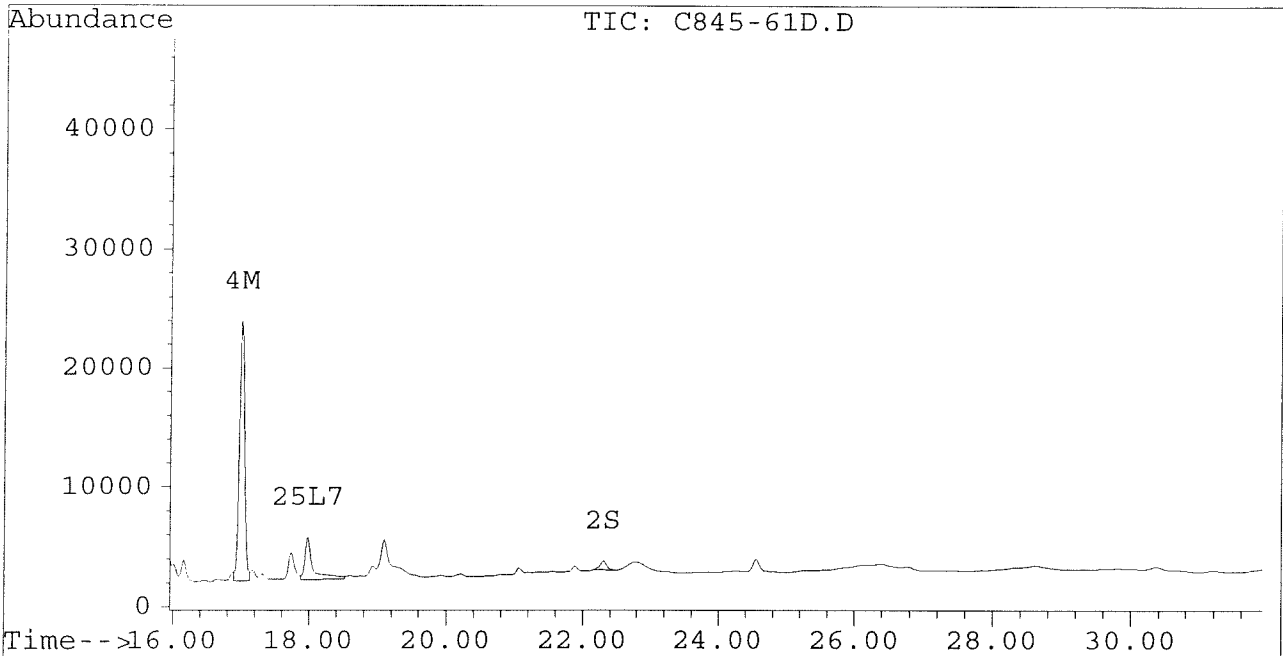
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Signal #2 : D:\HPCHEM\5\AU29\C845-61D.D\CONFIRM.D  
Acq On : 30 Aug 96 03:49 AM  
Sample : VHB/ PM10 MSD 1:10 DILUTION  
Misc : 30.0G/10ML 92 % SOLID PCB ANALYSIS  
Quant Time: Aug 30 4:23 1996

Vial: 27

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM





Solvent Track:

GPC Batch Number:  
Florissil Lot Number:

0755

**MITKEM CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION :Pesticides/PCB**

Date:	Analysis:	Sample Matrix:	Project #:	Client:	Comments					
Blank ID:	Method:	Analyst:	Client:							
Lab Sample ID	Client Sample ID	Weight/ Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florissil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments
P0828-B3		30.09	2ml P0828-B3				8/30/96	10ml	8/30/96	
P0828-LUS3		30.09								
P20845-78		30.19								
-99		30.29								
-96		30.19								
-96NS		30.39								
-96USD		30.29								
-97		30.39								
-98		30.19								
-99		30.19								
-100		30.39								
-101		34.29								
-102		20.39								

(P0828-B3)

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-78A.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-78A.D\CONFIRM.D  
 Acq On : 02 Sep 96 10:14 AM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 4 12:24 1996

Vial: 19  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

*301g @ 87% mlid*

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylen	4.11	6.53	731	654	0.003	0.003
			Recovery	=	7.50%	7.50%
2) S Decachlorobiphenyl	22.29	30.73	1112	265	0.005m	0.003 #
			Recovery	=	12.50%	7.50%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	8.27	11.78	6851	4472	0.063	0.047 #
4) M 2,2',3,3',4,4'-Hexa	16.99	21.71	1008	570	0.005	0.004 #
5) L1 Aroclor-1016	6.85	8.90	1189	266	0.037	0.020 #
6) L1 Aroclor-1016 {2}	8.99	10.43	1734	1136	0.099	0.041 #
7) L1 Aroclor-1016 {3}	9.37	12.35	3559	1055	0.137	0.061 #
Total Aroclor-1016			6482	2457	0.273	0.122
Average Aroclor-1016					0.091	0.041
8) L2 Aroclor-1221	5.13	8.12	29	158	0.004	0.026 #
9) L2 Aroclor-1221 {2}	5.55	8.67	72	312	0.012	0.064 #
10) L2 Aroclor-1221 {3}	5.72	8.90	690	266	0.034	0.017 #
Total Aroclor-1221			791	737	0.051	0.107
Average Aroclor-1221					0.017	0.036
11) L3 Aroclor-1232	5.72	8.90	690	266	0.038	0.019 #
12) L3 Aroclor-1232 {2}	6.85	10.43	1189	1136	0.087	0.095
13) L3 Aroclor-1232 {3}	8.66	12.35	906	1055	0.109	0.152 #
Total Aroclor-1232			2784	2457	0.234	0.265
Average Aroclor-1232					0.078	0.088
14) L4 Aroclor-1242	8.27	11.78	6851	4472	0.165	0.150
15) L4 Aroclor-1242 {2}	9.37	12.35	3559	1055	0.183	0.080 #
16) L4 Aroclor-1242 {3}	10.13	14.13	3096	2469	0.183	0.186
Total Aroclor-1242			13506	7997	0.532	0.416
Average Aroclor-1242					0.177	0.139
17) L5 Aroclor-1248	9.37	15.08	3559	2335	0.112	0.104
18) L5 Aroclor-1248 {2}	10.13	15.30	3096	2276	0.113	0.097
19) L5 Aroclor-1248 {3}	11.43	16.31	4250	1442	0.122	0.081 #
Total Aroclor-1248			10905	6052	0.347	0.282
Average Aroclor-1248					0.116	0.094

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-78A.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-78A.D\CONFIRM.D  
 Acq On : 02 Sep 96 10:14 AM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 4 12:24 1996

Vial: 19  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	2745	2301	0.088	0.085
21) L6 Aroclor-1254 {2}	13.48	15.83	4024	2667	0.093	0.092
22) L6 Aroclor-1254 {3}	15.87	17.69	2987	3670	0.093	0.092
Total Aroclor-1254			9756	8637	0.274	0.269
Average Aroclor-1254					0.091	0.090
23) L7 Aroclor-1260	13.98	18.32	2070	1495	0.060	0.047
24) L7 Aroclor-1260 {2}	14.76	18.64	1846	1576	0.045	0.044
25) L7 Aroclor-1260 {3}	17.97	22.06	1152	551	0.020	0.010 #
Total Aroclor-1260			5068	3622	0.125	0.101
Average Aroclor-1260					0.042	0.034
26) L8 Aroclor-1268	0.00	23.35f	0	805	N.D.	0.187 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.14f	0	384	N.D.	NoCal
Total Aroclor-1268			0	805	N.D.	0.187
Average Aroclor-1268					0.000	0.187

$$AR\ 1242 = \frac{0.348 \times 10\text{ mL} \times 1.5 \times 10^{DF}}{30.1 \times 0.87} = 2.00$$

$$AR\ 1254 = \frac{0.186 \times 10\text{ mL} \times 1.5 \times 10}{30.1 \times 0.87} = 1.10$$

KC

Quantitation Report

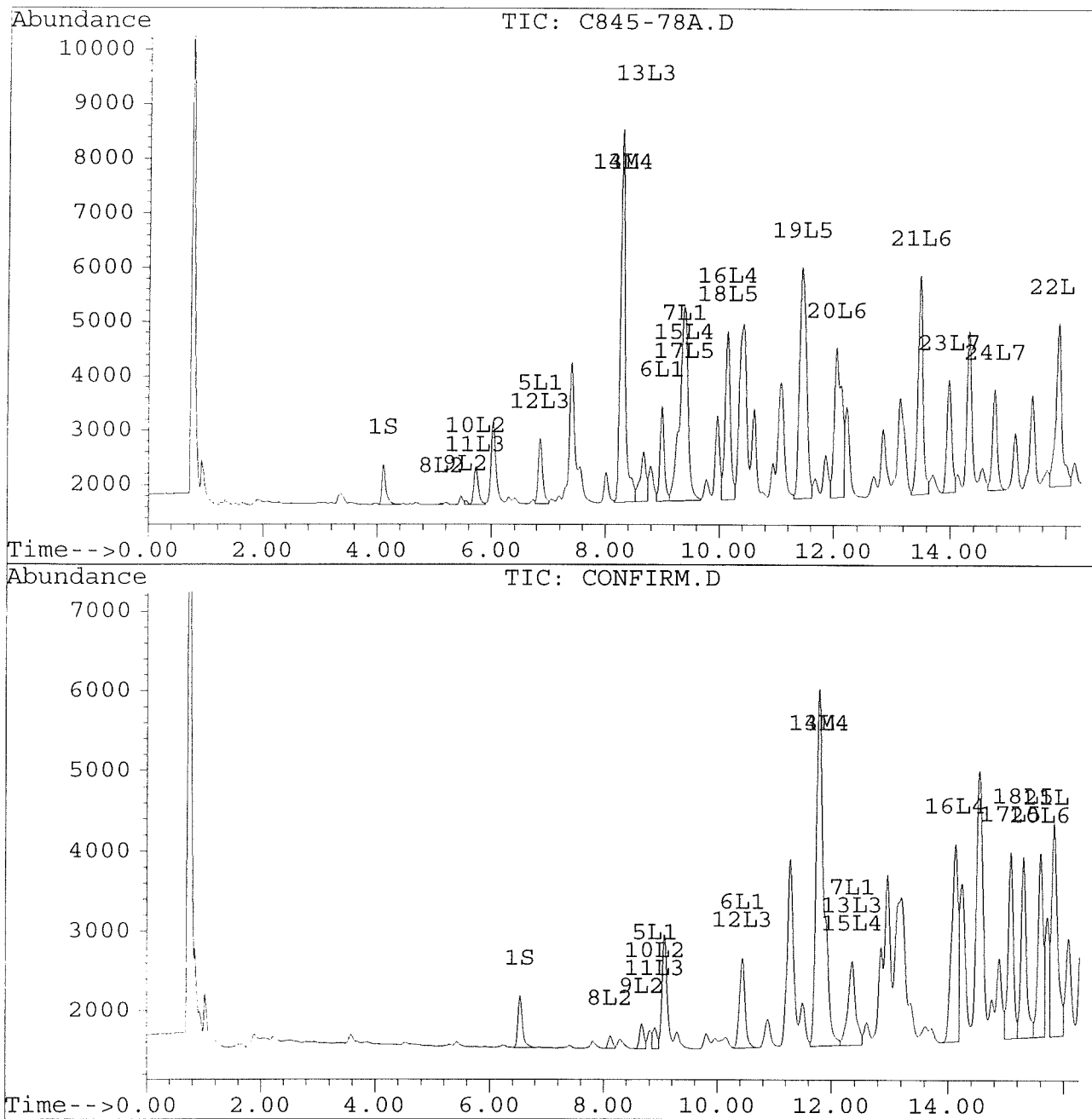
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Signal #2 : D:\HPCHEM\5\AU29\C845-78A.D\CONFIRM.D  
Acq On : 02 Sep 96 10:14 AM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 4 12:24 1996

Vial: 19  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



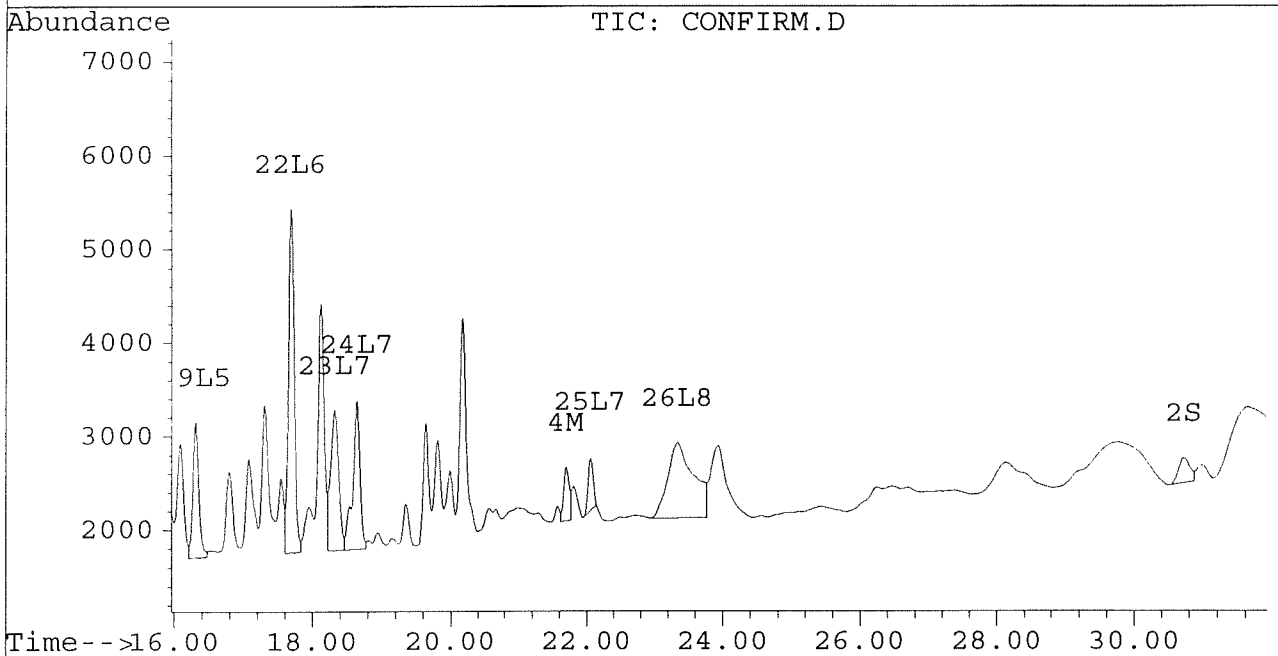
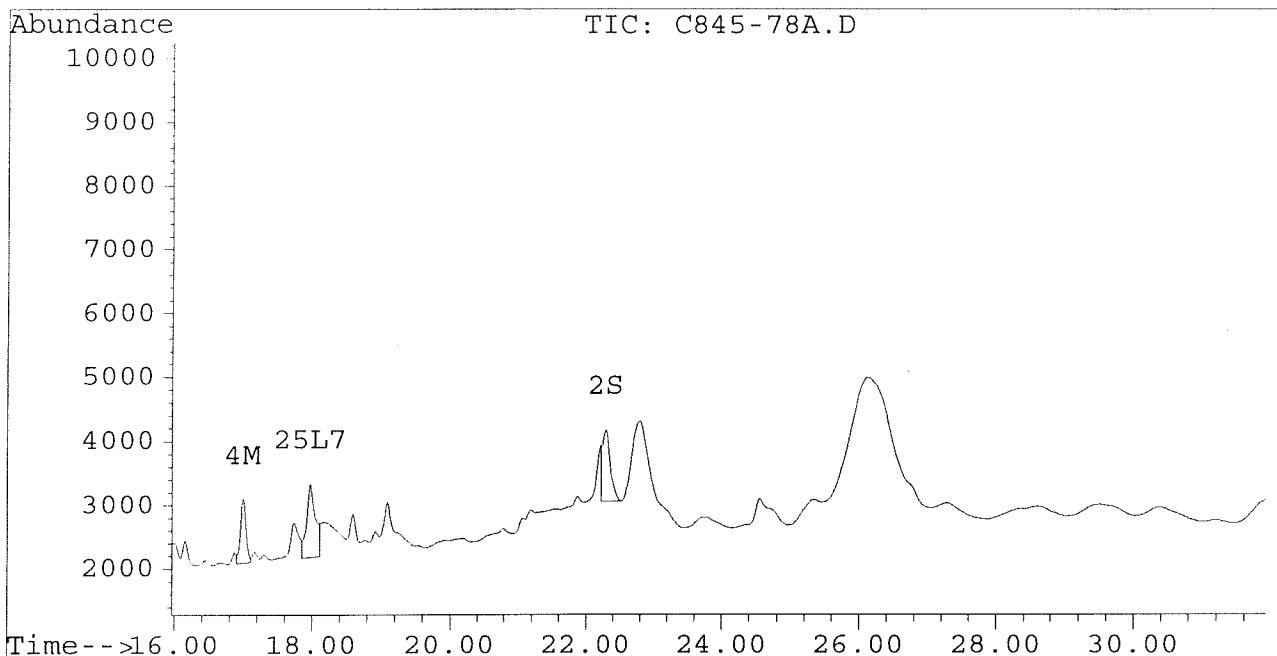
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-78A.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-78A.D\CONFIRM.D  
Acq On : 02 Sep 96 10:14 AM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 4 12:24 1996

Vial: 19  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-79A.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-79A.D\CONFIRM.D  
 Acq On : 02 Sep 96 01:11 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 13:45 1996

Vial: 22

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

30.2 g @ 93% solid

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	698	605	0.003	0.003
			Recovery	=	7.50%	7.50%
2) S Decachlorobiphenyl	22.29	30.72	551	294	0.003	0.003 #
			Recovery	=	7.50%	7.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	19693	14352	0.180	0.150
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	2082	1240	0.011	0.008 #
5) L1 Aroclor-1016	6.85	8.90	5232	756	0.163	0.056 #
6) L1 Aroclor-1016 {2}	8.98	10.43	5877	4716	0.335	0.169 #
7) L1 Aroclor-1016 {3}	9.37	12.36	10730	2422	0.414	0.140 #
Total Aroclor-1016			21838	7894	0.912	0.365
Average Aroclor-1016					0.304	0.122
8) L2 Aroclor-1221	5.13	8.12	84	457	0.012	0.075 #
9) L2 Aroclor-1221 {2}	5.55	8.66	218	1259	0.037	0.258 #
10) L2 Aroclor-1221 {3}	5.71	8.90	2166	756	0.107	0.049 #
Total Aroclor-1221			2468	2472	0.156	0.382
Average Aroclor-1221					0.052	0.127
11) L3 Aroclor-1232	5.71	8.90	2166	756	0.119	0.053 #
12) L3 Aroclor-1232 {2}	6.85	10.43	5232	4716	0.383	0.393
13) L3 Aroclor-1232 {3}	8.66	12.36	2876	2422	0.347	0.349
Total Aroclor-1232			10273	7894	0.849	0.795
Average Aroclor-1232					0.283	0.265
14) L4 Aroclor-1242	8.27	11.78	19693	14352	0.476	0.482
15) L4 Aroclor-1242 {2}	9.37	12.36	10730	2422	0.552	0.183 #
16) L4 Aroclor-1242 {3}	10.13	14.13	9392	7368	0.556	0.554
Total Aroclor-1242			39815	24143	1.583	1.219
Average Aroclor-1242					0.528	0.406
17) L5 Aroclor-1248	9.37	15.08	10730	5591	0.337	0.248 #
18) L5 Aroclor-1248 {2}	10.13	15.30	9392	5910	0.343	0.253 #
19) L5 Aroclor-1248 {3}	11.43	16.31	10197	3560	0.293	0.199 #
Total Aroclor-1248			30319	15061	0.973	0.701
Average Aroclor-1248					0.324	0.234



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-79A.D Vial: 22  
 Signal #2 : D:\HPCHEM\5\AU29\C845-79A.D\CONFIRM.D  
 Acq On : 02 Sep 96 01:11 PM Operator: JS  
 Sample : VHB/ 1:10 DILUTION Inst : ECD1  
 Misc : Multiplr: 1.00  
 Quant Time: Sep 2 13:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	5904	5285	0.189	0.196
21) L6 Aroclor-1254 {2}	13.48	15.83	8448	5696	0.196	0.196
22) L6 Aroclor-1254 {3}	15.87	17.69	5753	7760	0.179	0.195
Total Aroclor-1254			20104	18742	0.564	0.586
Average Aroclor-1254					0.188	0.195
23) L7 Aroclor-1260	13.98	18.32	4033	2775	0.116	0.087 #
24) L7 Aroclor-1260 {2}	14.76	18.64	3426	3151	0.084	0.088
25) L7 Aroclor-1260 {3}	17.97	22.06	1308	948	0.023	0.018
Total Aroclor-1260			8767	6874	0.223	0.192
Average Aroclor-1260					0.074	0.064
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.57f	0	256	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR\ 1242 = \frac{1028 \times 10\text{ mL} \times 1.5 \times 10^{DF}}{30.2 \times 0.93} = 5500$$

$$AR\ 1254 = \frac{0.375 \times 10\text{ mL} \times 1.5 \times 10}{30.2 \times 0.93} = 2,000$$

KL

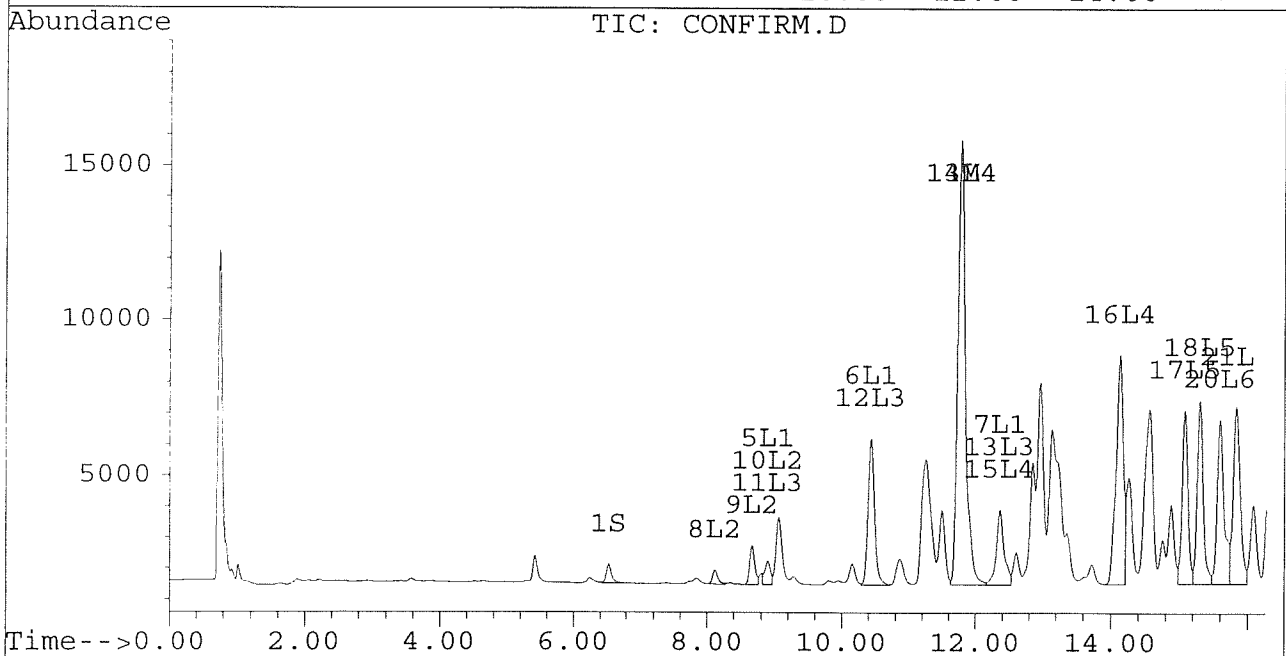
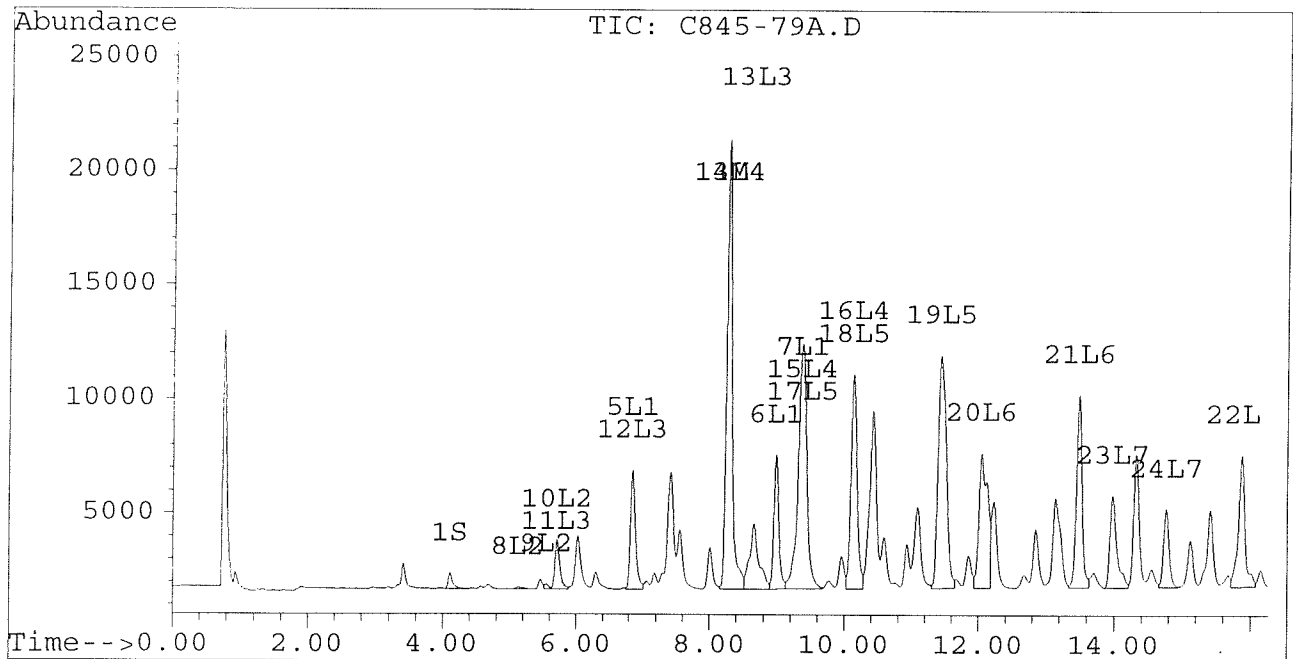
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-79A.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-79A.D\CONFIRM.D  
Acq On : 02 Sep 96 01:11 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 13:45 1996

Vial: 22  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



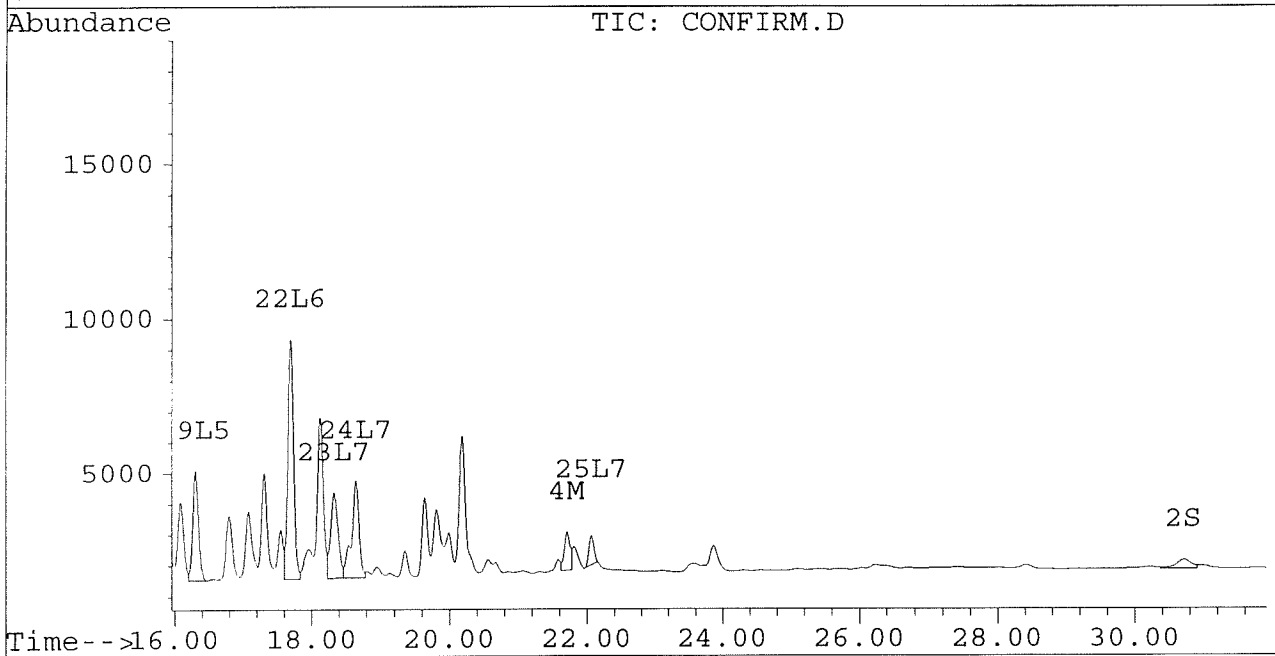
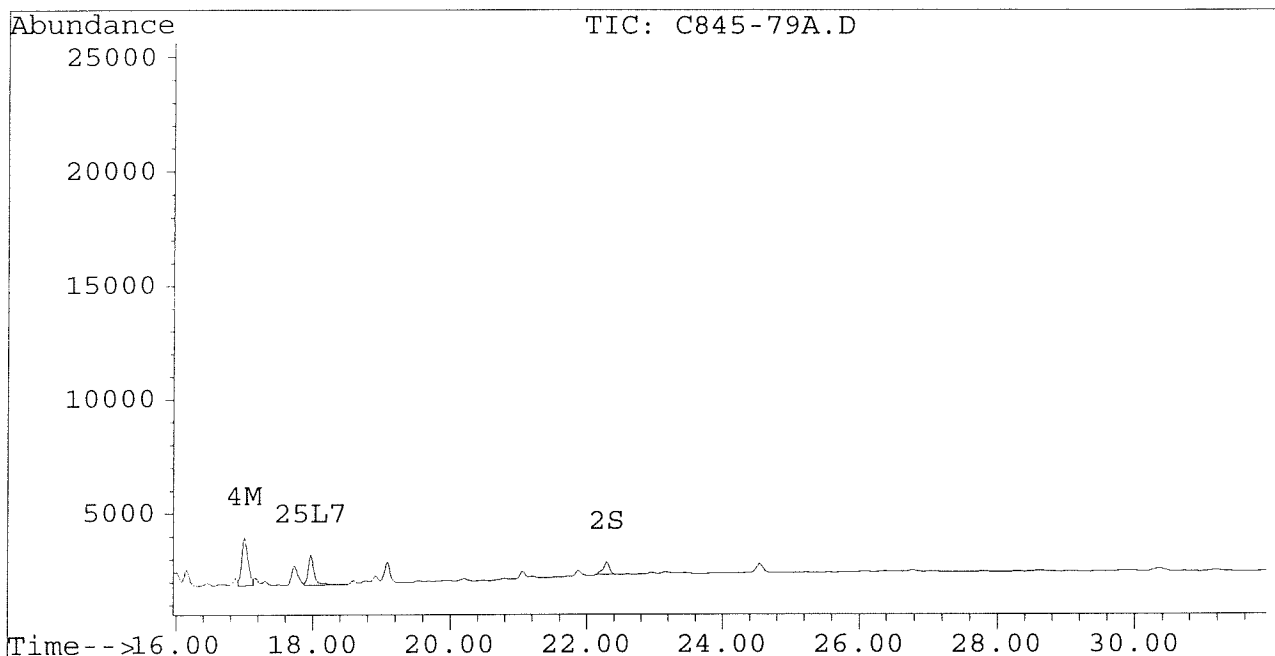
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-79A.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-79A.D\CONFIRM.D  
Acq On : 02 Sep 96 01:11 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 13:45 1996

Vial: 22  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-96A.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-96A.D\CONFIRM.D  
 Acq On : 02 Sep 96 01:47 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 14:21 1996

Vial: 23  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

*301g @ 90% mtid*

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	789	722	0.003	0.004
			Recovery	=	7.50%	10.00%
2) S Decachlorobiphenyl	22.29	30.72	722	347	0.003	0.004
			Recovery	=	7.50%	10.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	48019	36289	0.438	0.379
4) M 2,2',3,3',4,4'-Hexa	17.00	21.70	5823	3822	0.031	0.024
5) L1 Aroclor-1016	6.85	8.90	6578	1492	0.205	0.111 #
6) L1 Aroclor-1016 {2}	8.98	10.43	15199	6098	0.867	0.218 #
7) L1 Aroclor-1016 {3}	9.38	12.36	26300	4436	1.014	0.257 #
Total Aroclor-1016			48077	12026	2.086	0.586
Average Aroclor-1016					0.695	0.195
8) L2 Aroclor-1221	5.13	8.12	163	945	0.023	0.155 #
9) L2 Aroclor-1221 {2}	5.55	8.67	400	1433	0.069	0.294 #
10) L2 Aroclor-1221 {3}	5.72	8.90	3312	1492	0.164	0.097 #
Total Aroclor-1221			3876	3871	0.256	0.546
Average Aroclor-1221					0.085	0.182
11) L3 Aroclor-1232	5.72	8.90	3312	1492	0.182	0.104 #
12) L3 Aroclor-1232 {2}	6.85	10.43	6578	6098	0.482	0.508
13) L3 Aroclor-1232 {3}	8.66	12.36	5528	4436	0.668	0.640
Total Aroclor-1232			15419	12026	1.331	1.251
Average Aroclor-1232					0.444	0.417
14) L4 Aroclor-1242	8.27	11.78	48019	36289	1.160	1.218
15) L4 Aroclor-1242 {2}	9.38	12.36	26300	4436	1.352	0.336 #
16) L4 Aroclor-1242 {3}	10.13	14.13	24265	18878	1.436	1.419
Total Aroclor-1242			98584	59602	3.948	2.972
Average Aroclor-1242					1.316	0.991
17) L5 Aroclor-1248	9.38	15.08	26300	14095	0.826	0.626
18) L5 Aroclor-1248 {2}	10.13	15.30	24265	15084	0.886	0.646 #
19) L5 Aroclor-1248 {3}	11.43	16.30	25136	8629	0.722	0.483 #
Total Aroclor-1248			75701	37808	2.435	1.755
Average Aroclor-1248					0.812	0.585
-----						

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-96A.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-96A.D\CONFIRM.D  
 Acq On : 02 Sep 96 01:47 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 14:21 1996

Vial: 23  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	15046	13826	0.482	0.512
21) L6 Aroclor-1254 {2}	13.48	15.83	23249	14709	0.538	0.506
22) L6 Aroclor-1254 {3}	15.87	17.69	17162	21534	0.534	0.541
Total Aroclor-1254			55456	50069	1.554	1.558
Average Aroclor-1254					0.518	0.519
23) L7 Aroclor-1260	13.97	18.32	10950	7622	0.316	0.238
24) L7 Aroclor-1260 {2}	14.76	18.64	9718	8885	0.239	0.247
25) L7 Aroclor-1260 {3}	17.97	22.06	3775	2715	0.065	0.051
Total Aroclor-1260			24443	19222	0.620	0.536
Average Aroclor-1260					0.207	0.179
26) L8 Aroclor-1268	0.00	23.32	0	120	N.D.	0.028 #
27) L8 Aroclor-1268 {2}	0.00	23.55	0	657	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	28.13f	0	67	N.D.	NoCal
Total Aroclor-1268			0	120	N.D.	0.028
Average Aroclor-1268					0.000	0.028

AR 1242 =  $\frac{2.512 \times 10 \text{ mL} \times 1.5 \times 10}{301 \times 0.9} = 14,000$  <sup>DF</sup>

AR 1254 =  $\frac{1.072 \times 10 \text{ mL} \times 1.5 \times 10}{301 \times 0.9} = 5900$

KC

Quantitation Report

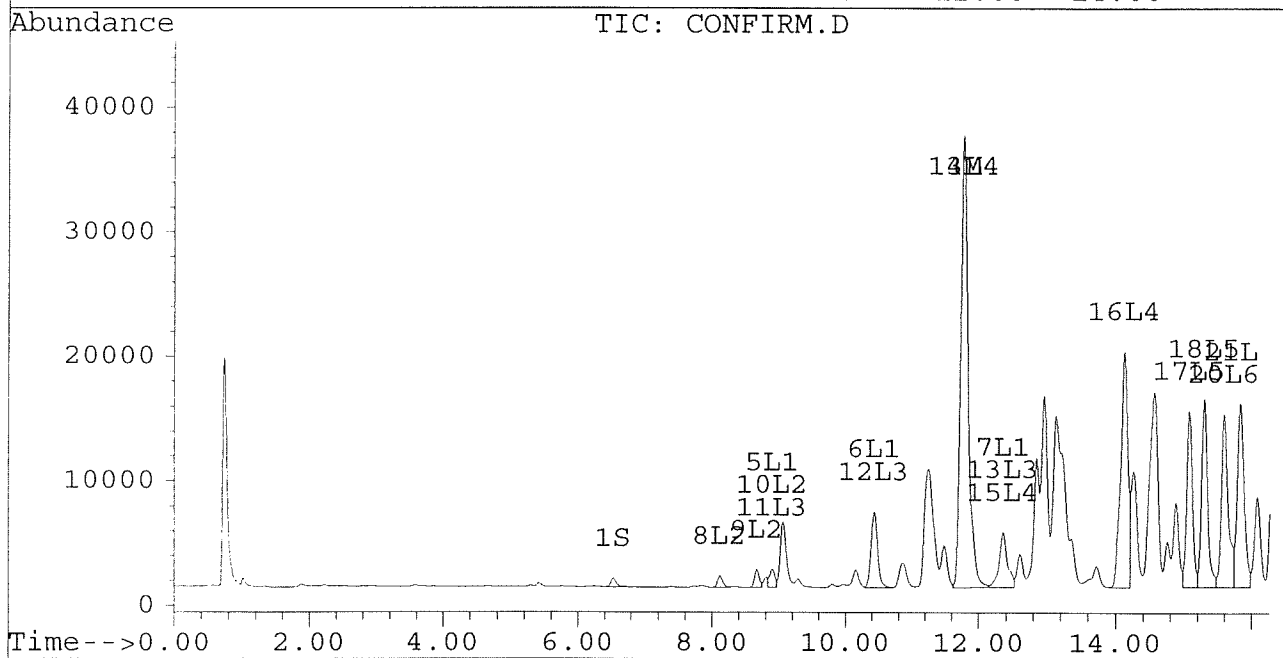
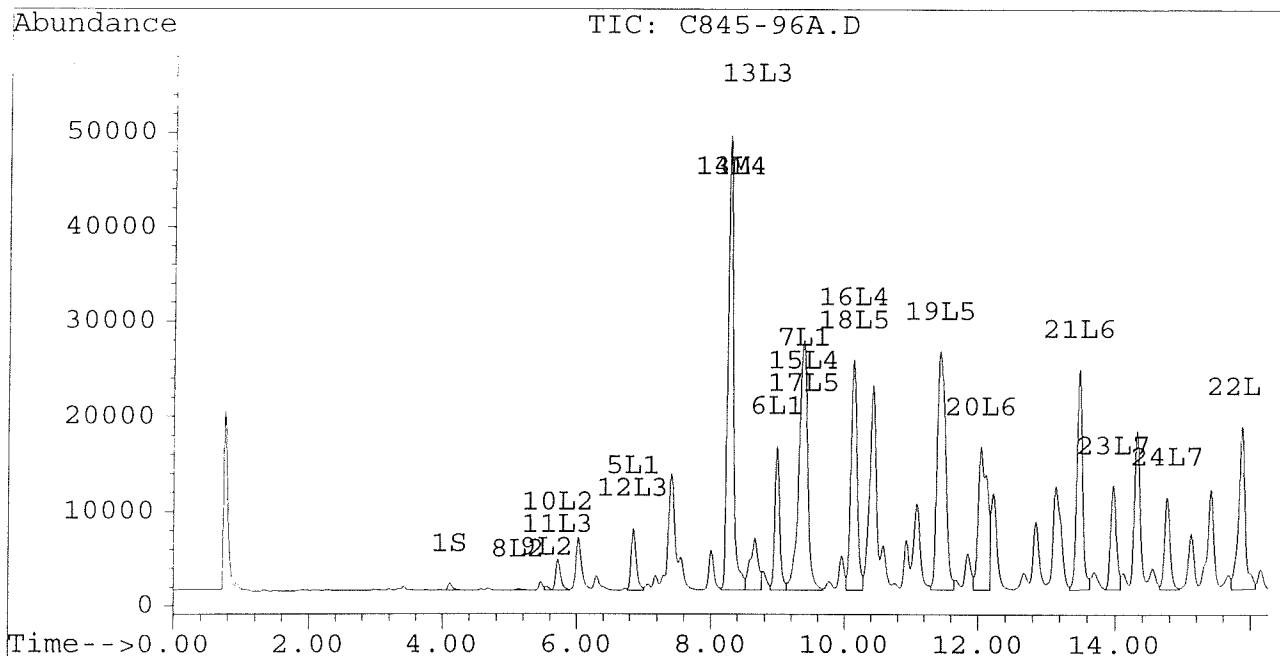
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Signal #2 : D:\HPCHEM\5\AU29\C845-96A.D\CONFIRM.D  
Acq On : 02 Sep 96 01:47 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 14:21 1996

Vial: 23  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

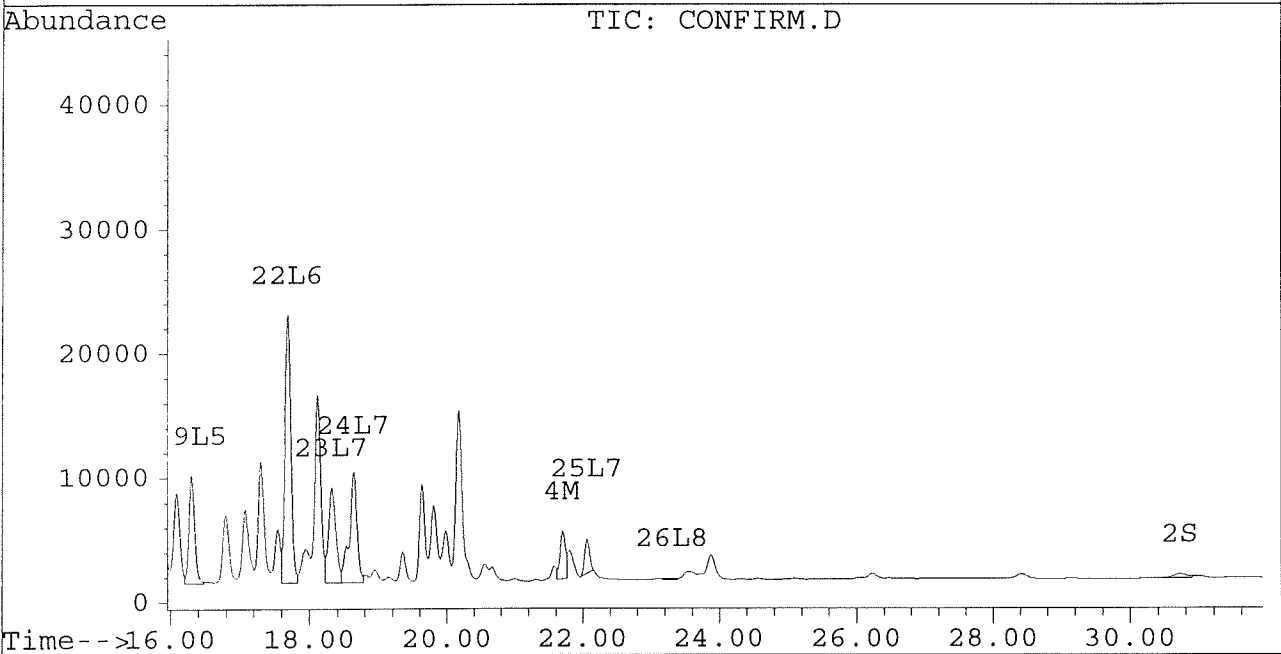
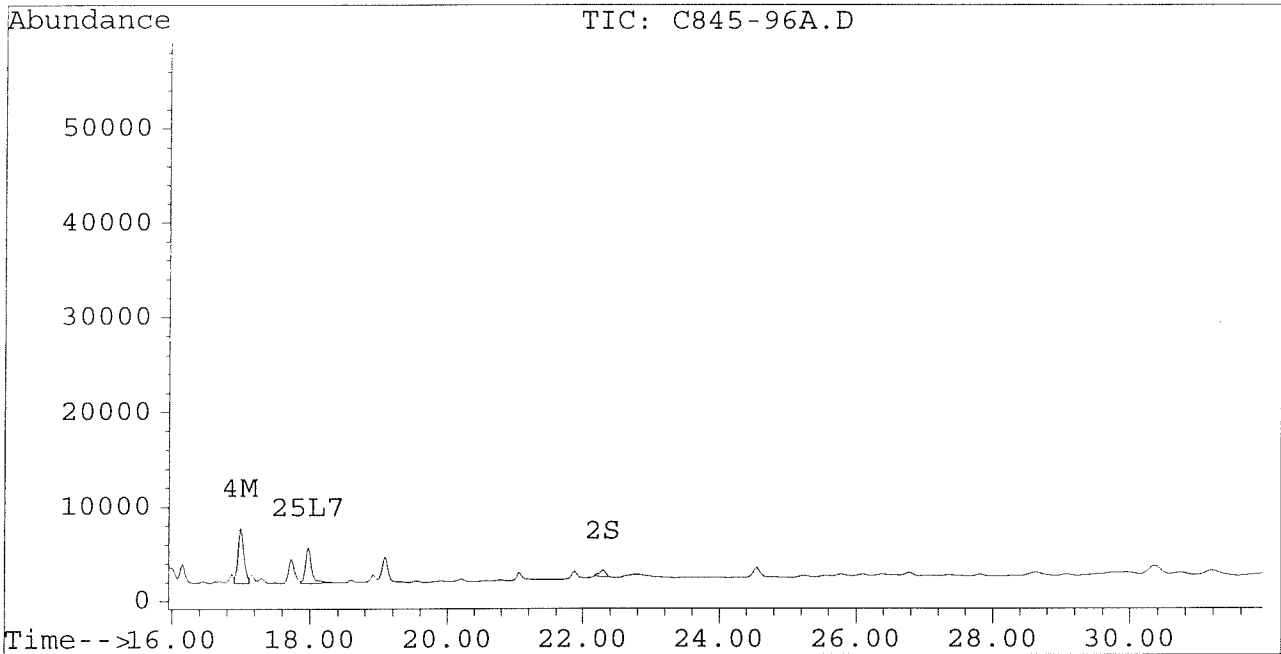
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Acq On : 02 Sep 96 01:47 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 14:21 1996

Vial: 23

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-97A.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-97A.D\CONFIRM.D  
 Acq On : 02 Sep 96 03:34 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 16:07 1996

Vial: 26  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

*303 g @ 88% solid*

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	852	830	0.004	0.004
			Recovery	=	10.00%	10.00%
2) S Decachlorobiphenyl	22.30	30.73	601	234	0.003	0.003
			Recovery	=	7.50%	7.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	10225	7594	0.093	0.079
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	1070	634	0.006	0.004 #
5) L1 Aroclor-1016	6.85	8.90	1612	450	0.050	0.033 #
6) L1 Aroclor-1016 {2}	8.99	10.43	2864	1490	0.163	0.053 #
7) L1 Aroclor-1016 {3}	9.38	12.36	5989	981	0.231	0.057 #
Total Aroclor-1016			10464	2921	0.445	0.144
Average Aroclor-1016					0.148	0.048
8) L2 Aroclor-1221	0.00	8.12	0	346	N.D.	0.057 #
9) L2 Aroclor-1221 {2}	5.55	8.67	227	317	0.039	0.065 #
10) L2 Aroclor-1221 {3}	5.73	8.90	584	450	0.029	0.029
Total Aroclor-1221			811	1112	0.068	0.151
Average Aroclor-1221					0.034	0.050
11) L3 Aroclor-1232	5.73	8.90	584	450	0.032	0.031
12) L3 Aroclor-1232 {2}	6.85	10.43	1612	1490	0.118	0.124
13) L3 Aroclor-1232 {3}	8.66	12.36	1185	981	0.143	0.141
Total Aroclor-1232			3381	2921	0.293	0.297
Average Aroclor-1232					0.098	0.099
14) L4 Aroclor-1242	8.27	11.78	10225	7594	0.247	0.255
15) L4 Aroclor-1242 {2}	9.38	12.36	5989	981	0.308	0.074 #
16) L4 Aroclor-1242 {3}	10.13	14.13	5442	4277	0.322	0.321
Total Aroclor-1242			21656	12852	0.877	0.651
Average Aroclor-1242					0.292	0.217
17) L5 Aroclor-1248	9.38	15.08	5989	2581	0.188	0.115 #
18) L5 Aroclor-1248 {2}	10.13	15.30	5442	2857	0.199	0.122 #
19) L5 Aroclor-1248 {3}	11.43	16.31	4691	1589	0.135	0.089 #
Total Aroclor-1248			16122	7027	0.522	0.326
Average Aroclor-1248					0.174	0.109



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-97A.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-97A.D\CONFIRM.D  
 Acq On : 02 Sep 96 03:34 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 16:07 1996

Vial: 26  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	2912	2756	0.093	0.102
21) L6 Aroclor-1254 {2}	13.48	15.84	3926	2890	0.091	0.099
22) L6 Aroclor-1254 {3}	15.87	17.69	2960	3276	0.092	0.082
Total Aroclor-1254			9797	8923	0.276	0.284
Average Aroclor-1254					0.092	0.095
23) L7 Aroclor-1260	13.98	18.33	2179	1522	0.063	0.048
24) L7 Aroclor-1260 {2}	14.76	18.64	1923	1746	0.047	0.049
25) L7 Aroclor-1260 {3}	17.97	22.06	1085	552	0.019	0.010 #
Total Aroclor-1260			5188	3819	0.129	0.106
Average Aroclor-1260					0.043	0.035
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR_{1254} = \frac{0.555 \times 10 \text{ mL} \times 1.5 \times 10}{30.3 \times 0.88} = 3100 \text{ PF}$$

$$AR_{1254} = \frac{0.183 \times 10 \text{ mL} \times 1.5 \times 10}{30.3 \times 0.88} = 1000$$

KL

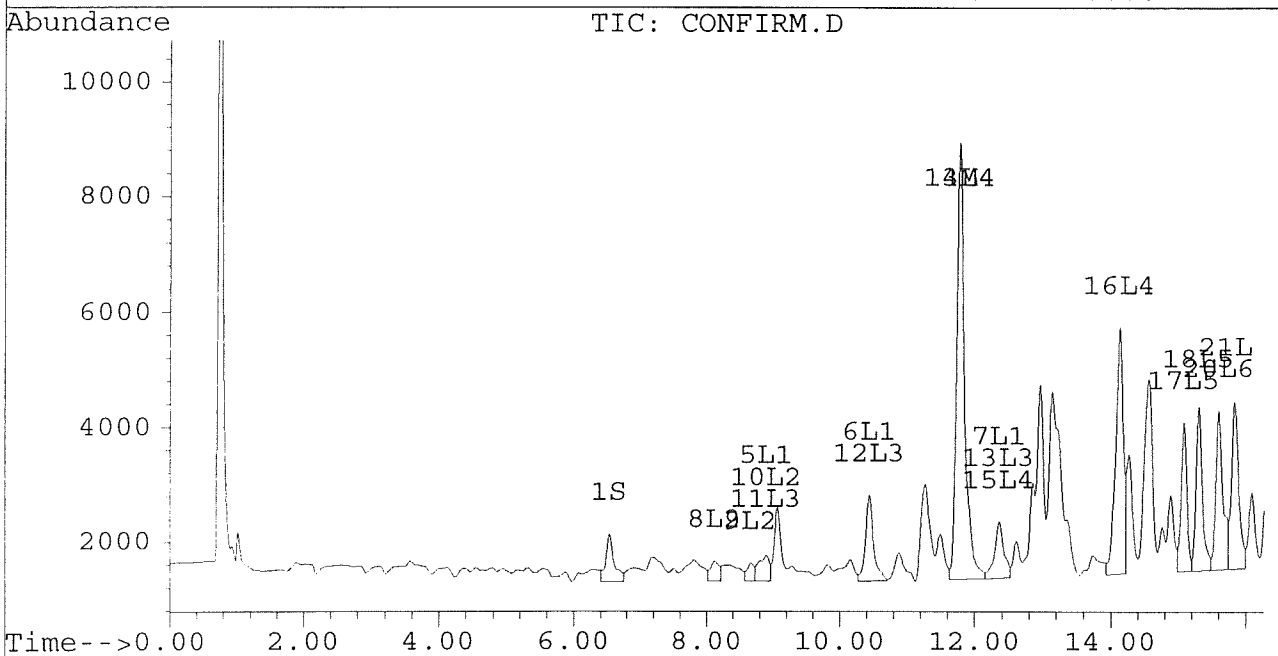
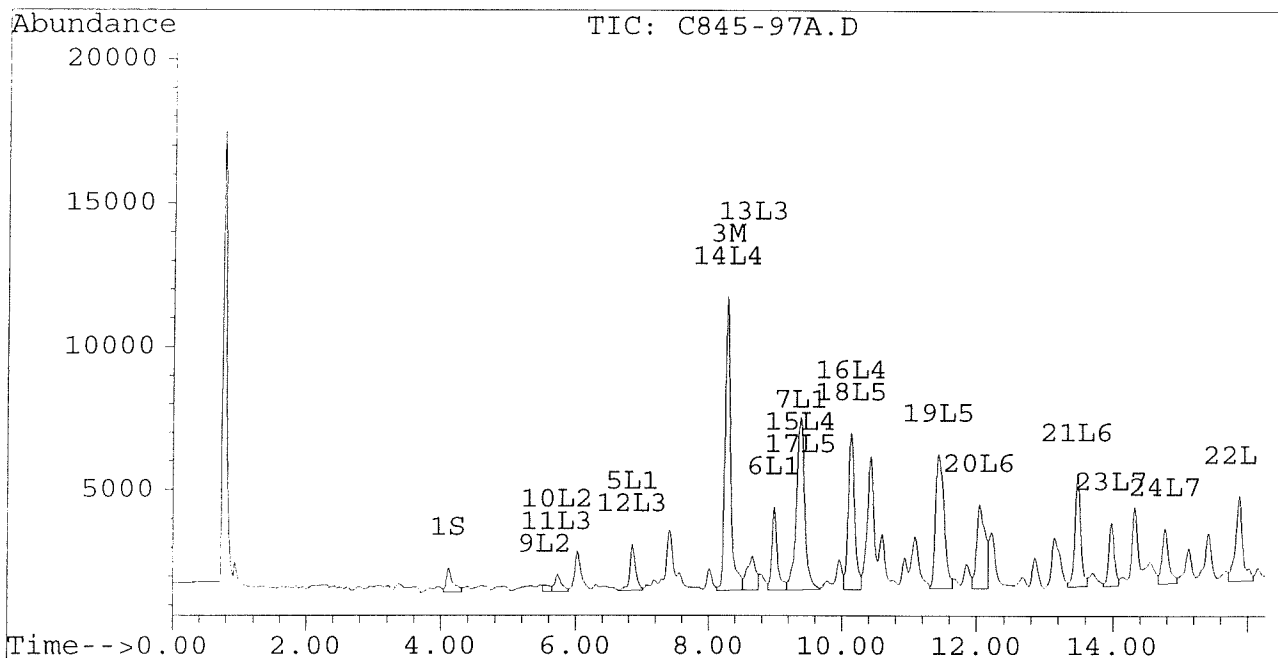
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-97A.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-97A.D\CONFIRM.D  
 Acq On : 02 Sep 96 03:34 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 16:07 1996

Vial: 26  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM



Quantitation Report

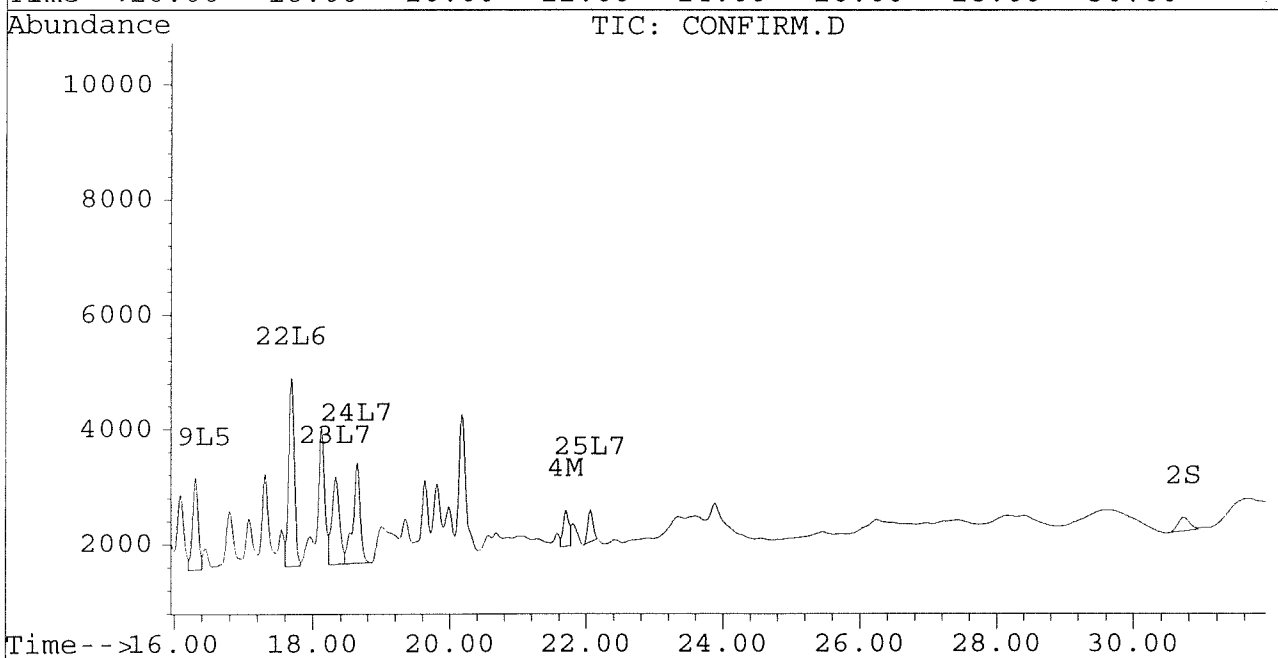
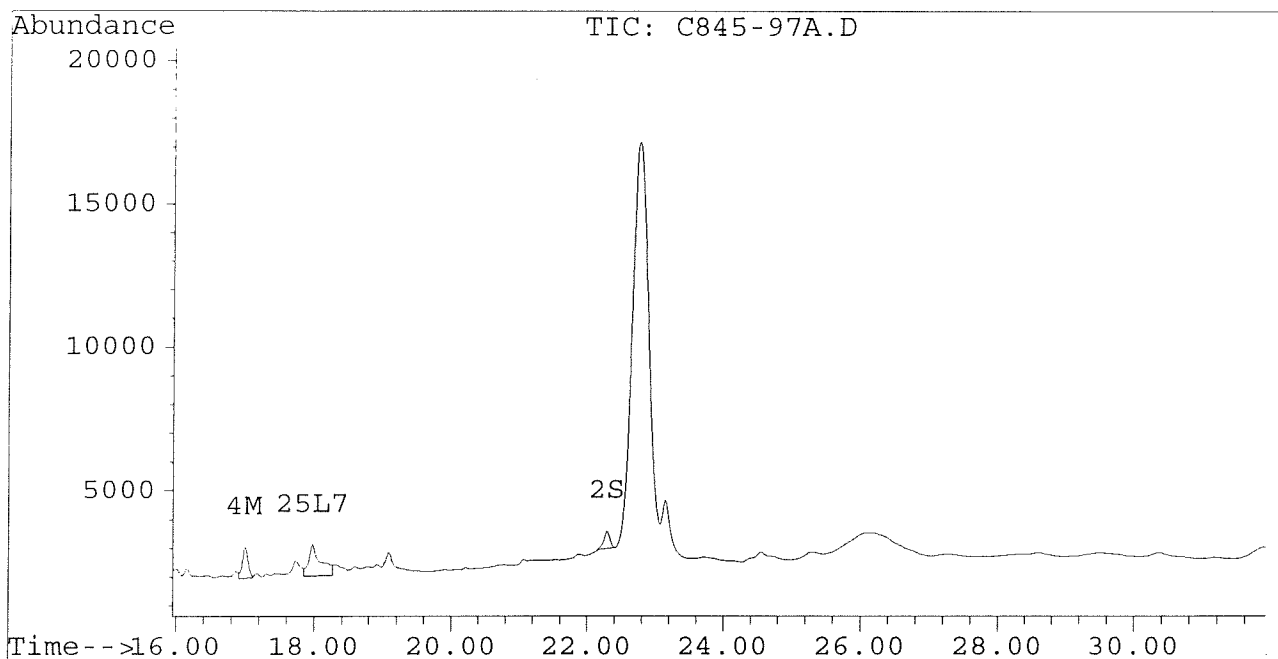
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Signal #2 : D:\HPCHEM\5\AU29\C845-97A.D\CONFIRM.D  
Acq On : 02 Sep 96 03:34 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 16:07 1996

Vial: 26

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-98A.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-98A.D\CONFIRM.D  
 Acq On : 02 Sep 96 04:09 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 16:43 1996

Vial: 27  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

*301g @ 99% dil*

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	769	670	0.003	0.004
			Recovery	=	7.50%	10.00%
2) S Decachlorobiphenyl	22.30	30.71	629	246	0.003	0.003
			Recovery	=	7.50%	7.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	125532	97565	1.146	1.019
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	748	430	0.004	0.003 #
5) L1 Aroclor-1016	6.85	8.90	63831	32680	1.993	2.429
6) L1 Aroclor-1016 {2}	8.98	10.43	46942	57784	2.676	2.069
7) L1 Aroclor-1016 {3}	9.38	12.36	55906	43884	2.156	2.543
Total Aroclor-1016			166678	134347	6.826	7.041
Average Aroclor-1016					2.275	2.347
8) L2 Aroclor-1221	5.13	8.12	6894	6334	0.984	1.036
9) L2 Aroclor-1221 {2}	5.55	8.67	8936	8034	1.532	1.647
10) L2 Aroclor-1221 {3}	5.72	8.90	37136	32680	1.838	2.129
Total Aroclor-1221			52966	47048	4.353	4.812
Average Aroclor-1221					1.451	1.604
11) L3 Aroclor-1232	5.72	8.90	37136	32680	2.036	2.280
12) L3 Aroclor-1232 {2}	6.85	10.43	63831	57784	4.677	4.810
13) L3 Aroclor-1232 {3}	8.66	12.36	50266	43884	6.072	6.329
Total Aroclor-1232			151233	134347	12.786	13.419
Average Aroclor-1232					4.262	4.473
14) L4 Aroclor-1242	8.27	11.77	125532	97565	3.032	3.274
15) L4 Aroclor-1242 {2}	9.38	12.36	55906	43884	2.874	3.321
16) L4 Aroclor-1242 {3}	10.13	14.13	52667	40676	3.117	3.057
Total Aroclor-1242			234105	182125	9.023	9.652
Average Aroclor-1242					3.008	3.217
17) L5 Aroclor-1248	9.38	15.08	55906	42322	1.757	1.879
18) L5 Aroclor-1248 {2}	10.13	15.30	52667	50200	1.923	2.150
19) L5 Aroclor-1248 {3}	11.47	16.31	63843	44121	1.835	2.471 #
Total Aroclor-1248			172415	136643	5.514	6.500
Average Aroclor-1248					1.838	2.167
-----						

*to be diluted*

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-98A.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-98A.D\CONFIRM.D  
 Acq On : 02 Sep 96 04:09 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 16:43 1996

Vial: 27  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.59	0	10454	N.D.	0.387 #
21) L6 Aroclor-1254 {2}	13.48	15.84	15222	11684	0.352	0.402
22) L6 Aroclor-1254 {3}	15.87	17.69	1877	14379	0.058	0.361 #
Total Aroclor-1254			17099	36517	0.411	1.150 #
Average Aroclor-1254					0.205	0.383
23) L7 Aroclor-1260	13.97	18.33	8509	1185	0.245	0.037 #
24) L7 Aroclor-1260 {2}	14.76	0.00	1246	0	0.031	N.D. #
25) L7 Aroclor-1260 {3}	17.97	22.06	596	370	0.010	0.007 #
Total Aroclor-1260			10351	1556	0.286	0.044
Average Aroclor-1260					0.095	0.022
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.53	0	260	N.D.	NoCal
28) L8 Aroclor-1268 {3}	21.86f	0.00	77	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

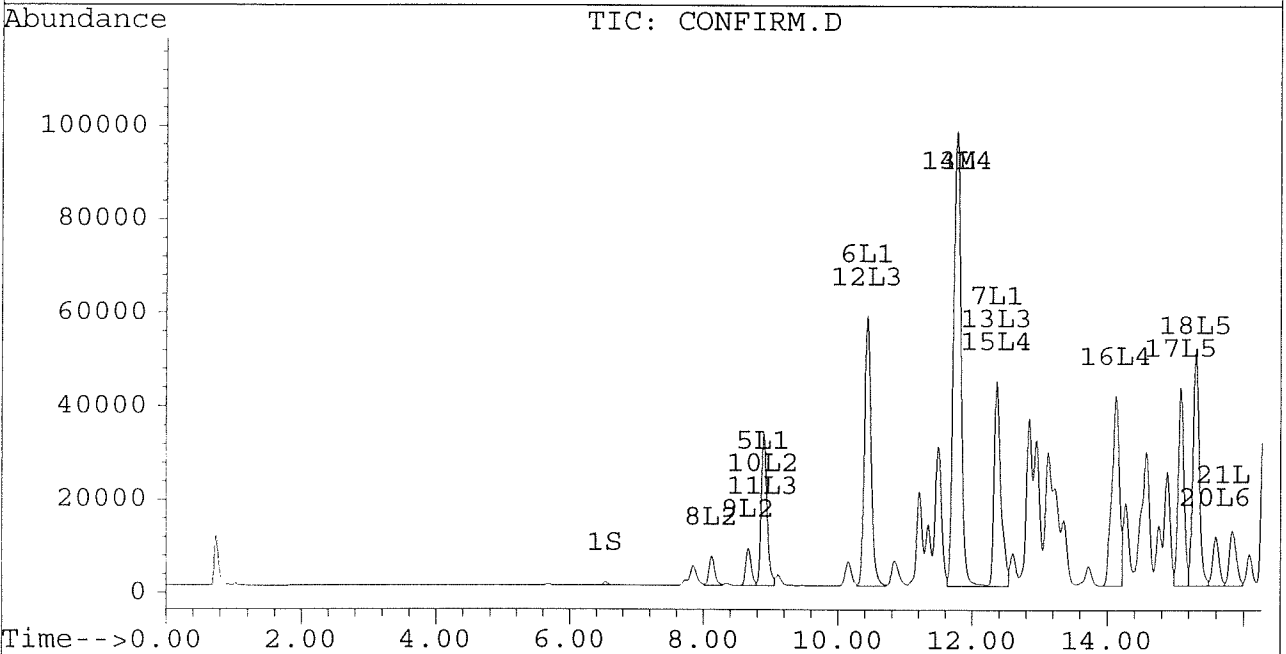
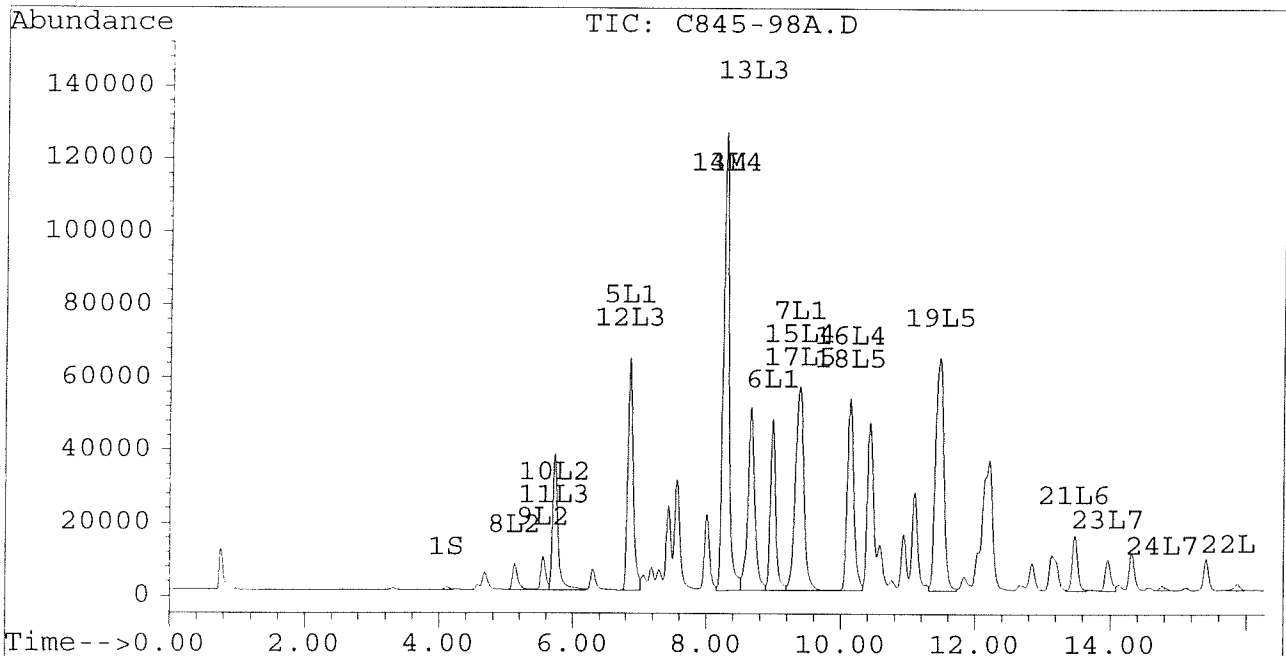
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 Signal #2 : D:\HPCHEM\5\AU29\C845-98A.D\CONFIRM.D  
 Acq On : 02 Sep 96 04:09 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 16:43 1996

Vial: 27

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM



Quantitation Report

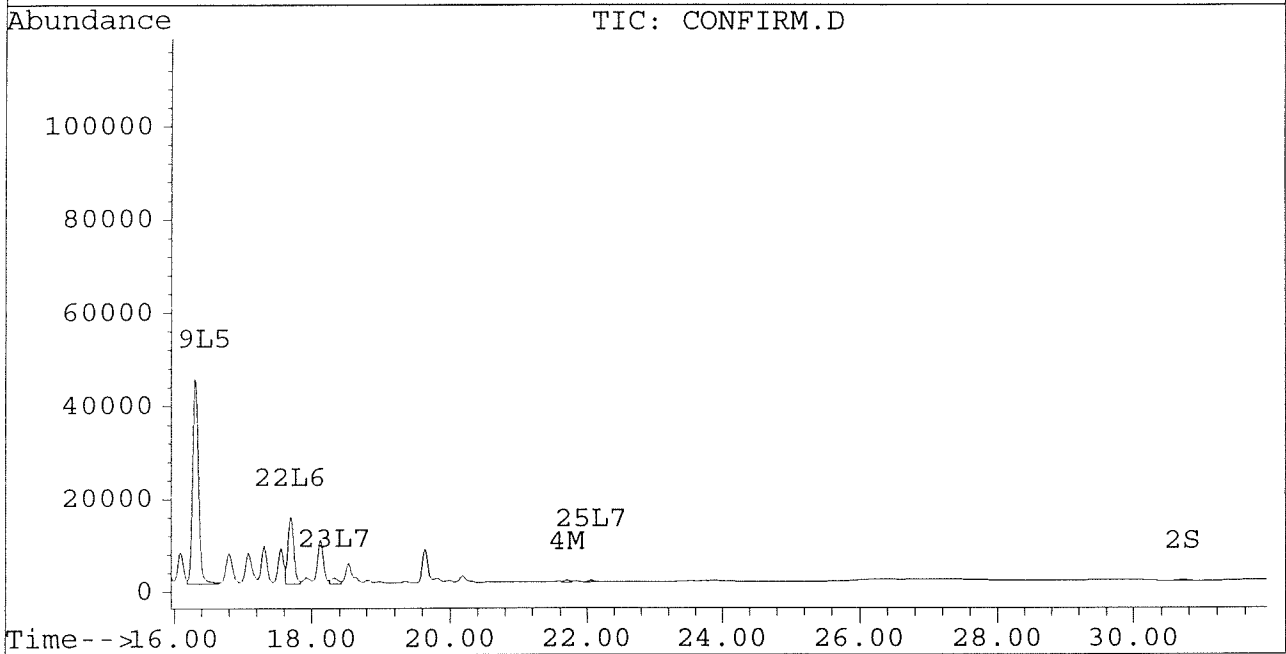
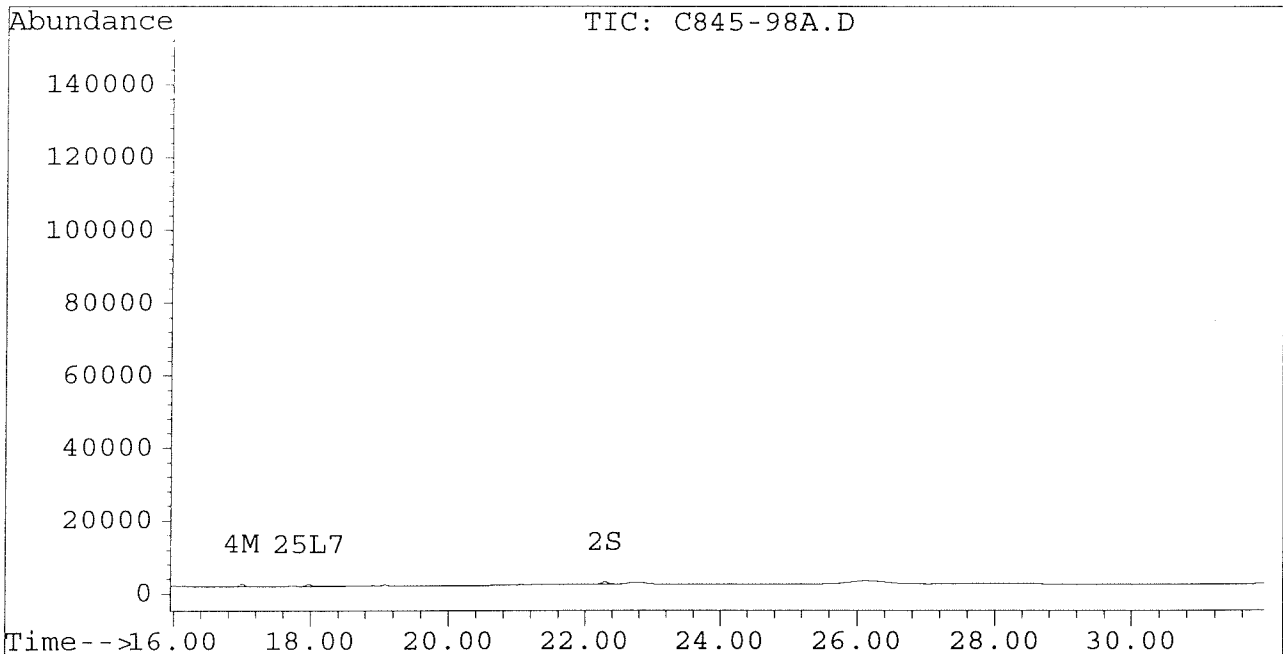
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Acq On : 02 Sep 96 04:09 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 16:43 1996

Vial: 27

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-98C.D  
 Signal #2 : D:\HPCHEM\5\SE3\C845-98C.D\CONFIRM.D  
 Acq On : 04 Sep 96 00:40 AM  
 Sample : VHB / P STAND 1 1:25 DILUTION  
 Misc : 30.1G/10ML 99% SOLID  
 Quant Time: Sep 4 1:14 1996

Vial: 16  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.05	6.46	343	285	0.001	0.001
			Recovery	=	2.50%	2.50%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.
			Recovery	=	0.00%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.19	11.68	56321	43418	0.514	0.453
4) M 2,2',3,3',4,4'-Hexa	16.91	21.61	441	200	0.002	0.001 #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.19	11.68	56321	43418	1.360	1.457
15) L4 Aroclor-1242 {2}	9.31	12.28	25628	19306	1.317	1.461
16) L4 Aroclor-1242 {3}	10.05	14.04	23134	18073	1.369	1.358
Total Aroclor-1242			105083	80797	4.047	4.276
Average Aroclor-1242					1.349	1.425
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-98C.D  
 Signal #2 : D:\HPCHEM\5\SE3\C845-98C.D\CONFIRM.D  
 Acq On : 04 Sep 96 00:40 AM  
 Sample : VHB / P STAND 1 1:25 DILUTION  
 Misc : 30.1G/10ML 99% SOLID  
 Quant Time: Sep 4 1:14 1996

Vial: 16  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.50	0	4437	N.D.	0.164 #
21) L6 Aroclor-1254 {2}	13.40	15.75	5836	4881	0.135	0.168
22) L6 Aroclor-1254 {3}	15.79	17.60	711	5590	0.022	0.140 #
Total Aroclor-1254			6548	14908	0.157	0.472
Average Aroclor-1254					0.079	0.157
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	18.99	0.00	183	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR-1242 = \frac{2.677 \times 10 \text{ mL} \times 1.5 \times 25}{30.1 \times 0.99} = 34,000 \text{ DF}$$

$$\frac{4.047 \times 10 \text{ mL} \times 25}{30.1 \times 0.99} = 34,000 \text{ FV}$$

Quantitation Report

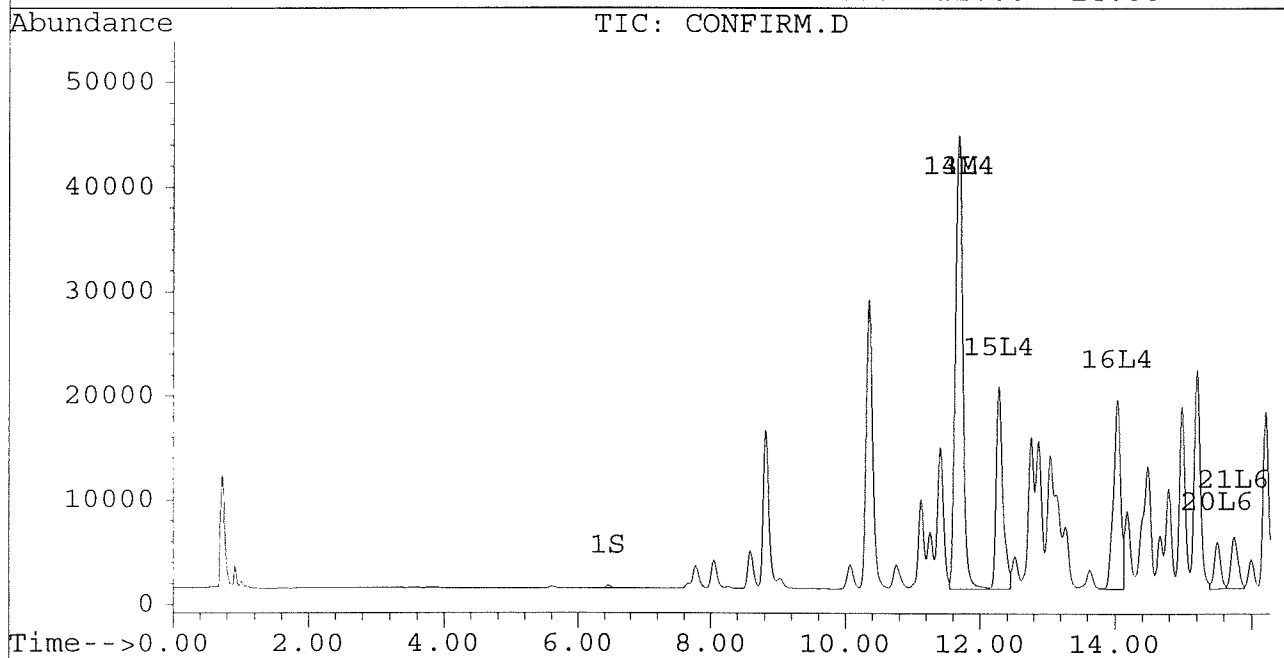
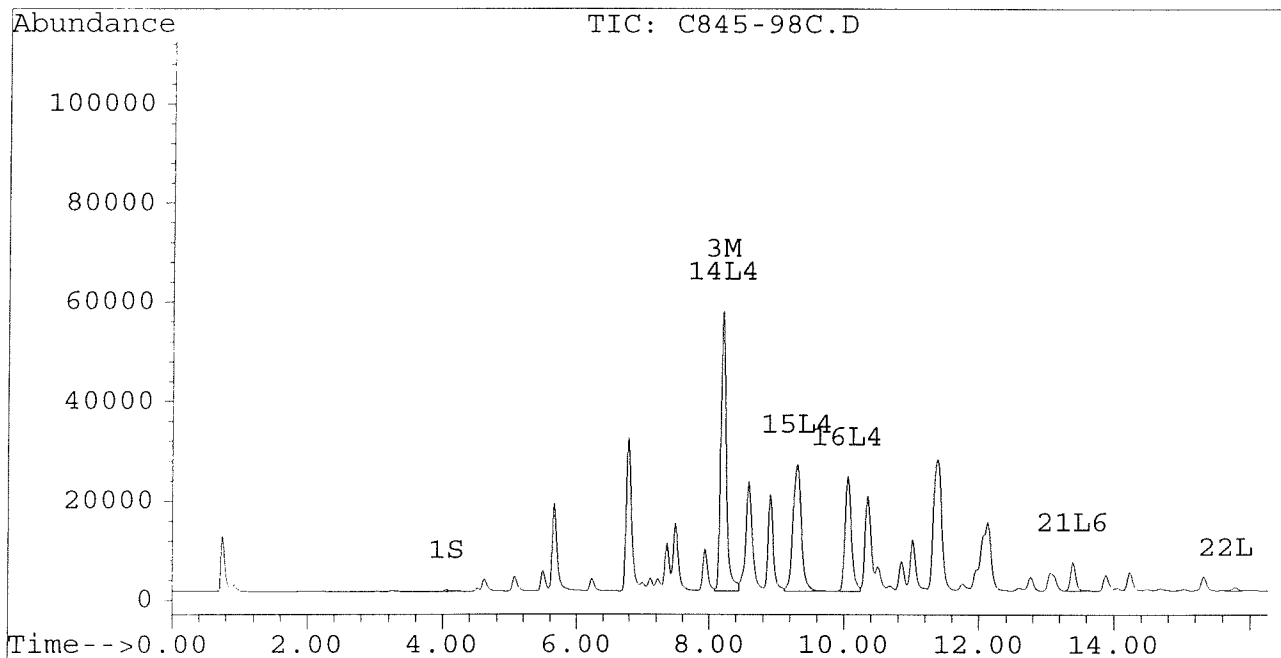
Signal #1 : D:\HPCHEM\5\SE3\C845-98C.D  
Signal #2 : D:\HPCHEM\5\SE3\C845-98C.D\CONFIRM.D  
Acq On : 04 Sep 96 00:40 AM  
Sample : VHB / P STAND 1 1:25 DILUTION  
Misc : 30.1G/10ML 99% SOLID  
Quant Time: Sep 4 1:14 1996

Vial: 16  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



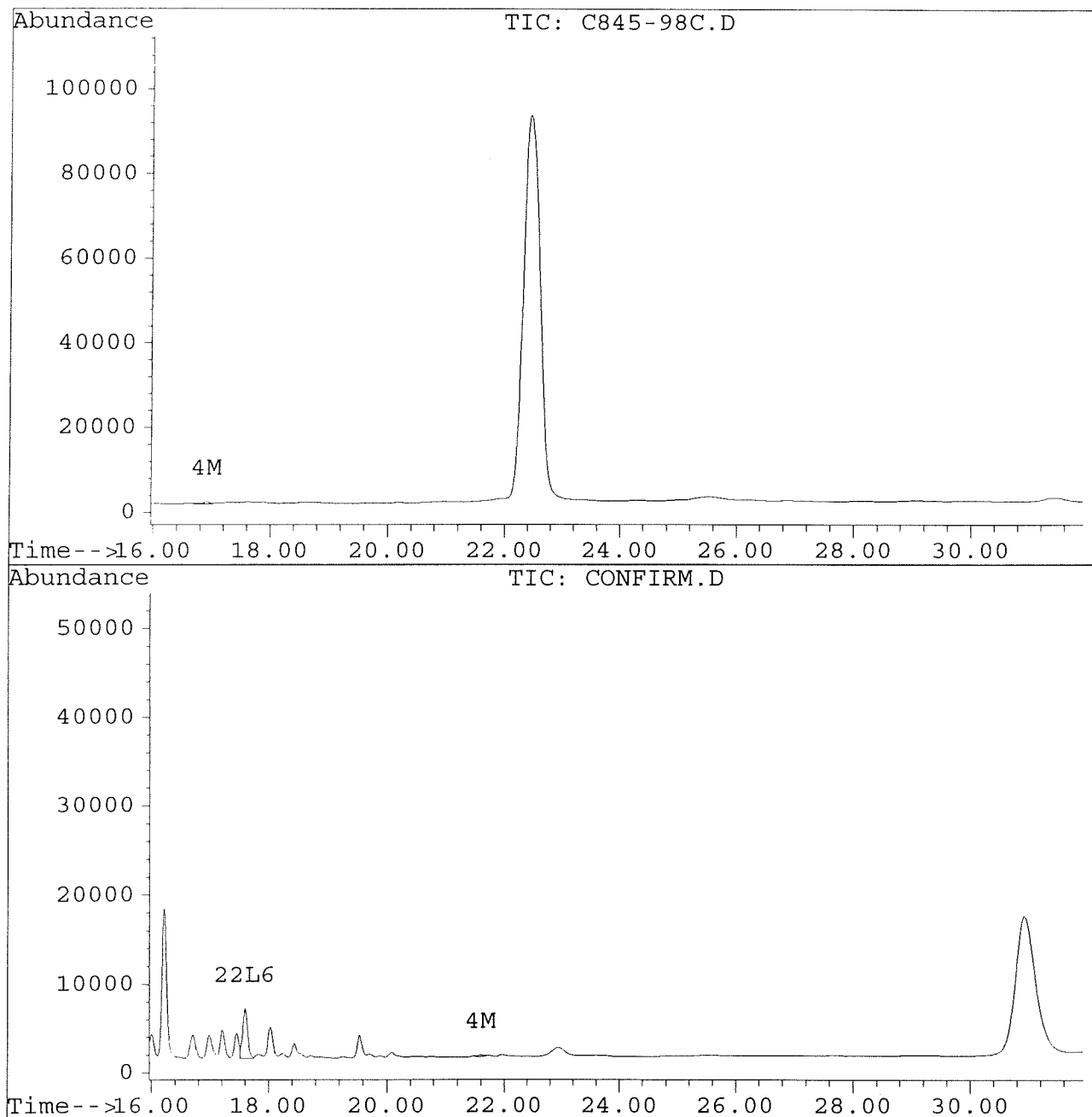
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-98C.D  
Signal #2 : D:\HPCHEM\5\SE3\C845-98C.D\CONFIRM.D  
Acq On : 04 Sep 96 00:40 AM  
Sample : VHB / P STAND 1 1:25 DILUTION  
Misc : 30.1G/10ML 99% SOLID  
Quant Time: Sep 4 1:14 1996

Vial: 16  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-99A.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-99A.D\CONFIRM.D  
 Acq On : 02 Sep 96 04:45 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 17:18 1996

Vial: 28  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	713	631	0.003	0.003
			Recovery	=	7.50%	7.50%
2) S Decachlorobiphenyl	22.30	30.72	550	196	0.003	0.002
			Recovery	=	7.50%	5.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.76	2802	2063	0.026	0.022
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	28698	21494	0.154	0.137
5) L1 Aroclor-1016	6.85	8.90	1464	525	0.046	0.039
6) L1 Aroclor-1016 {2}	8.99	10.43	839	1301	0.048	0.047
7) L1 Aroclor-1016 {3}	9.34f	12.37	38575	703	1.488	0.041 #
Total Aroclor-1016			40878	2529	1.581	0.126
Average Aroclor-1016					0.527	0.042
8) L2 Aroclor-1221	0.00	8.13	0	57	N.D.	0.009 #
9) L2 Aroclor-1221 {2}	5.56	8.67	107	93	0.018	0.019
10) L2 Aroclor-1221 {3}	5.73	8.90	605	525	0.030	0.034
Total Aroclor-1221			711	675	0.048	0.063
Average Aroclor-1221					0.024	0.021
11) L3 Aroclor-1232	5.73	8.90	605	525	0.033	0.037
12) L3 Aroclor-1232 {2}	6.85	10.43	1464	1301	0.107	0.108
13) L3 Aroclor-1232 {3}	8.65	12.37	1015	703	0.123	0.101
Total Aroclor-1232			3083	2529	0.263	0.246
Average Aroclor-1232					0.088	0.082
14) L4 Aroclor-1242	8.27	11.76	2802	2063	0.068	0.069
15) L4 Aroclor-1242 {2}	9.34f	12.37	38575	703	1.983	0.053 #
16) L4 Aroclor-1242 {3}	10.12	14.13	22392	20050	1.325	1.507
Total Aroclor-1242			63770	22816	3.376	1.629
Average Aroclor-1242					1.125	0.543
17) L5 Aroclor-1248	9.34	15.08	38575	29924	1.212	1.328
18) L5 Aroclor-1248 {2}	10.12	15.30	22392	10289	0.817	0.441 #
19) L5 Aroclor-1248 {3}	11.41	16.31	74263	6881	2.134	0.385 #
Total Aroclor-1248			135230	47094	4.164	2.154
Average Aroclor-1248					1.388	0.718

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-99A.D Vial: 28  
 Signal #2 : D:\HPCHEM\5\AU29\C845-99A.D\CONFIRM.D  
 Acq On : 02 Sep 96 04:45 PM Operator: JS  
 Sample : VHB/ 1:10 DILUTION Inst : ECD1  
 Misc : Multiplr: 1.00  
 Quant Time: Sep 2 17:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	68731	60760	2.201	2.249
21) L6 Aroclor-1254 {2}	13.48	15.83	105614	65712	2.446	2.258
22) L6 Aroclor-1254 {3}	15.87	17.69	82818	99596	2.579	2.501
Total Aroclor-1254			257164	226069	<del>7.225</del>	7.008
Average Aroclor-1254				<i>to be default</i>	2.408	2.336
23) L7 Aroclor-1260	13.97	18.32	48011	35398	1.383	1.107
24) L7 Aroclor-1260 {2}	14.76	18.64	42677	39348	1.050	1.094
25) L7 Aroclor-1260 {3}	17.97	22.06	12737	8435	0.220	0.158 #
Total Aroclor-1260			103425	83182	2.653	2.359
Average Aroclor-1260					0.884	0.786
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

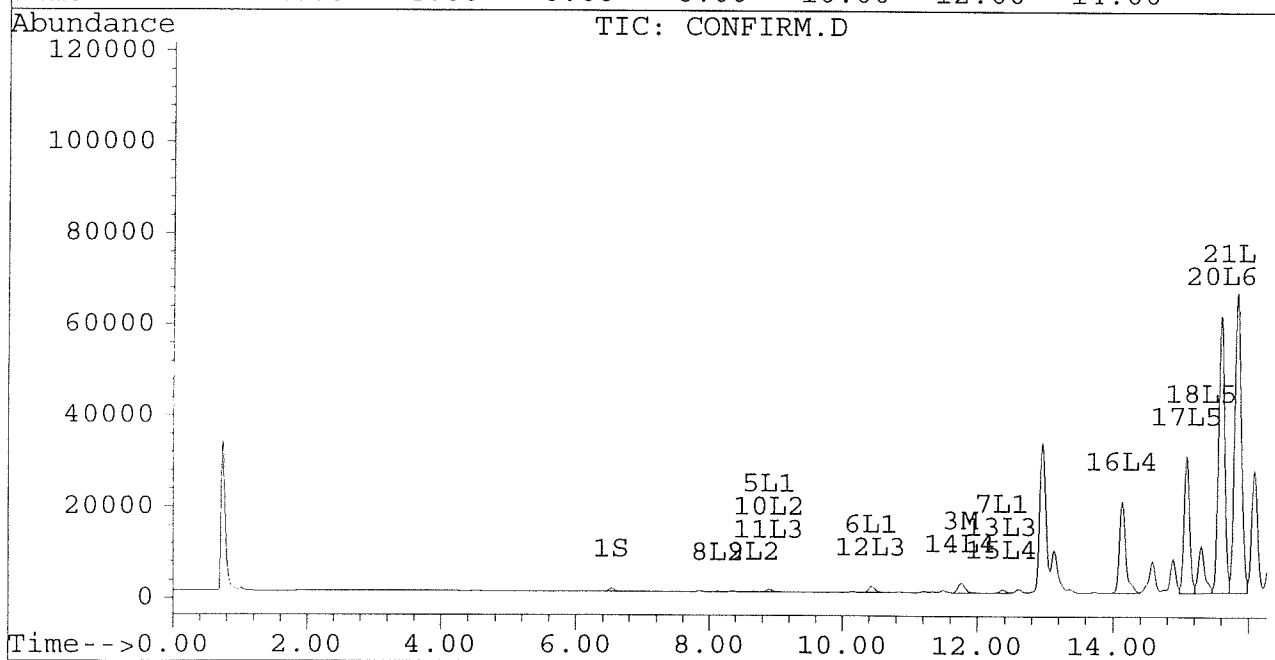
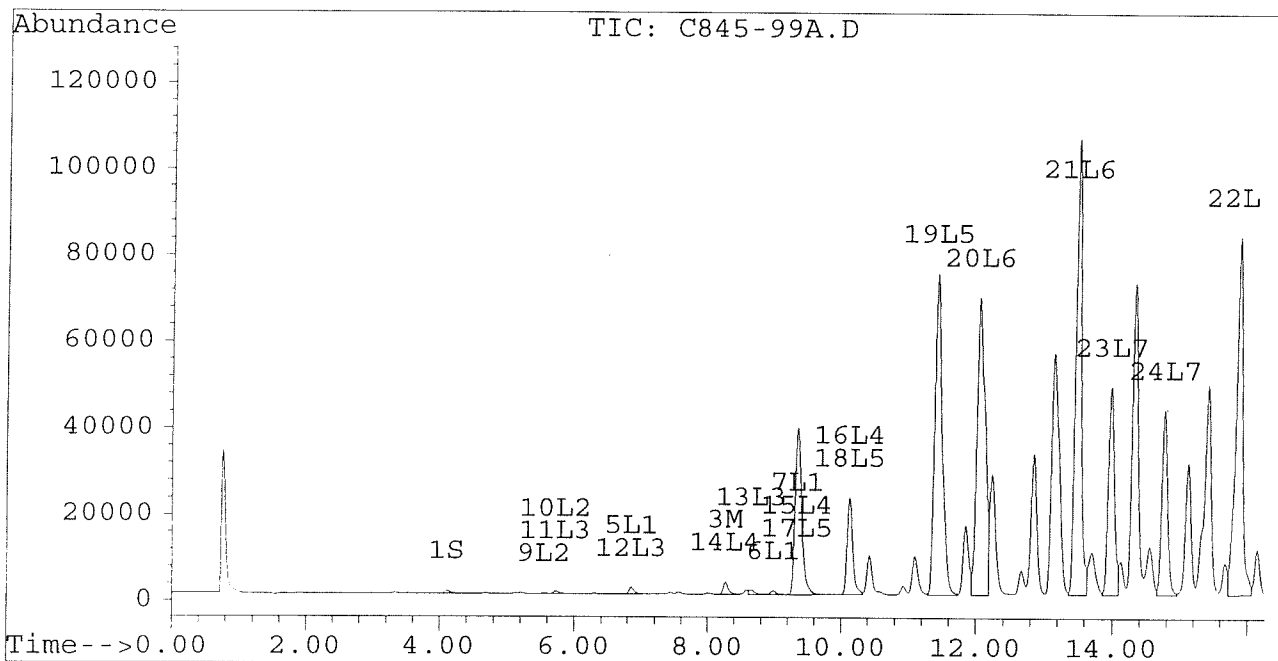
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-99A.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-99A.D\CONFIRM.D  
 Acq On : 02 Sep 96 04:45 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 17:18 1996

Vial: 28  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM



Quantitation Report

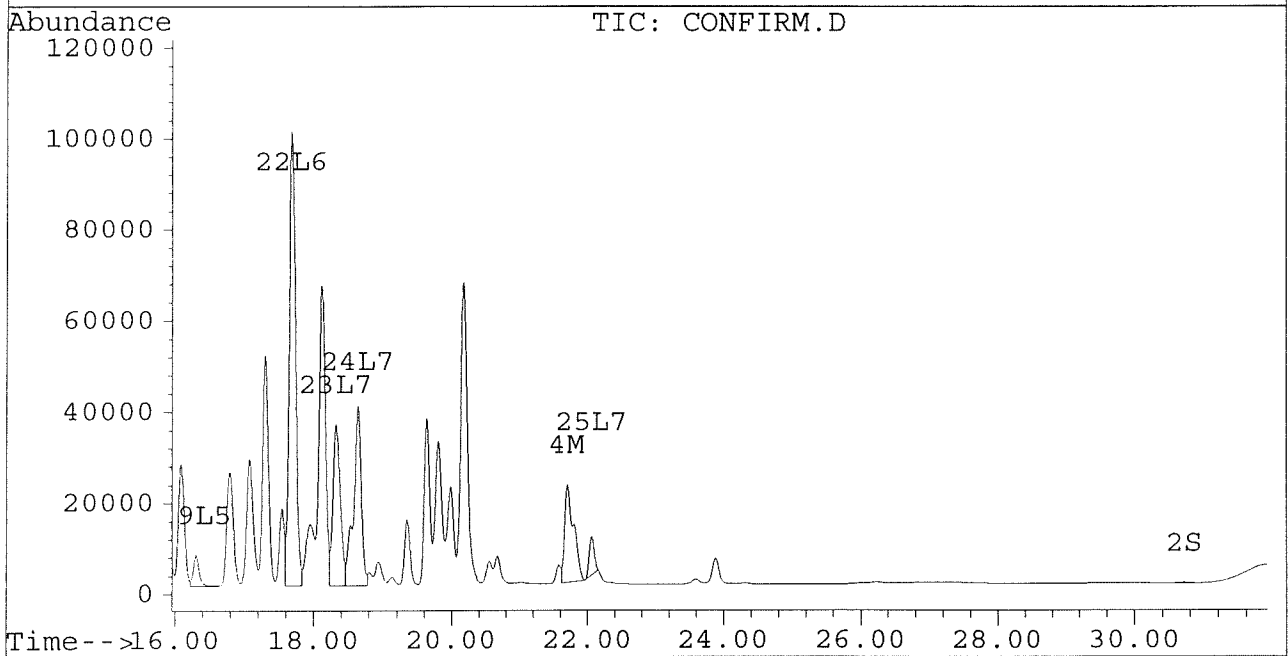
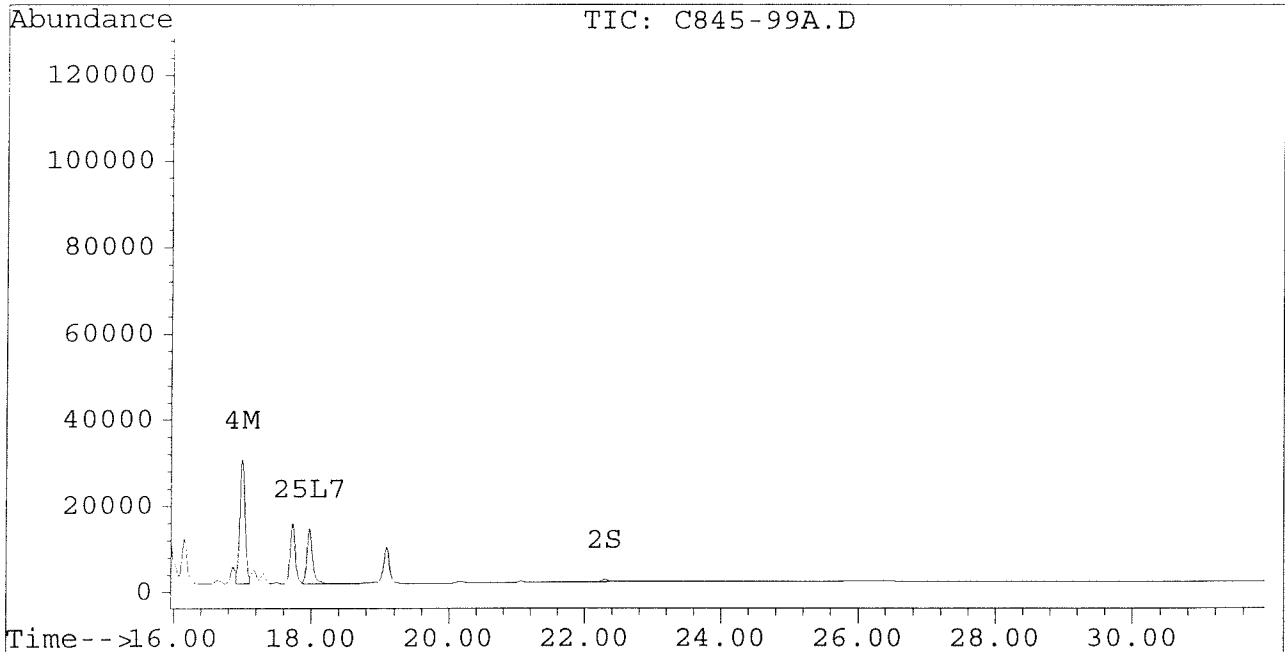
Signal #1 : D:\HPCHEM\5\AU29\C845-99A.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-99A.D\CONFIRM.D  
Acq On : 02 Sep 96 04:45 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 17:18 1996

Vial: 28  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-99C.D  
 Signal #2 : D:\HPCHEM\5\SE3\C845-99C.D\CONFIRM.D  
 Acq On : 03\_Sep 96 08:32 PM  
 Sample : VHB / P STAND 2 1:20 DILUTION  
 Misc : 30.1G/10ML 99% SOLID  
 Quant Time: Sep 3 21:05 1996

Vial: 12  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.05	6.46	406	335	0.002	0.002
			Recovery	=	5.00%	5.00%
2) S Decachlorobiphenyl	0.00	30.49	0	217	N.D.	0.002 #
			Recovery	=	0.00%	5.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.68	1426	1067	0.013	0.011
4) M 2,2',3,3',4,4'-Hexa	16.91	21.60	14373	10343	0.077	0.066
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.14	0.00	99	0	0.014	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			99	0	0.014	N.D.
Average Aroclor-1221					0.014	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.68	1426	1067	0.034	0.036
15) L4 Aroclor-1242 {2}	9.27f	12.28	21678	358	1.114	0.027 #
16) L4 Aroclor-1242 {3}	10.05	14.04	11975	10864	0.709	0.817
Total Aroclor-1242			35079	12289	1.857	0.879
Average Aroclor-1242					0.619	0.293
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-99C.D  
 Signal #2 : D:\HPCHEM\5\SE3\C845-99C.D\CONFIRM.D  
 Acq On : 03 Sep 96 08:32 PM  
 Sample : VHB / P STAND 2 1:20 DILUTION  
 Misc : 30.1G/10ML 99% SOLID  
 Quant Time: Sep 3 21:05 1996

Vial: 12  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	37960	34388	1.215	1.273
21) L6 Aroclor-1254 {2}	13.40	15.74	56953	36846	1.319	1.266
22) L6 Aroclor-1254 {3}	15.79	17.60	43523	55011	1.355	1.381
Total Aroclor-1254			138436	126246	3.889	3.920
Average Aroclor-1254					1.296	1.307
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.83	0.00	219	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	4092	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

DF

$$\frac{3.889 \times 10 \text{ mL} \times 20}{30.1 \times 0.99} = 26,100$$

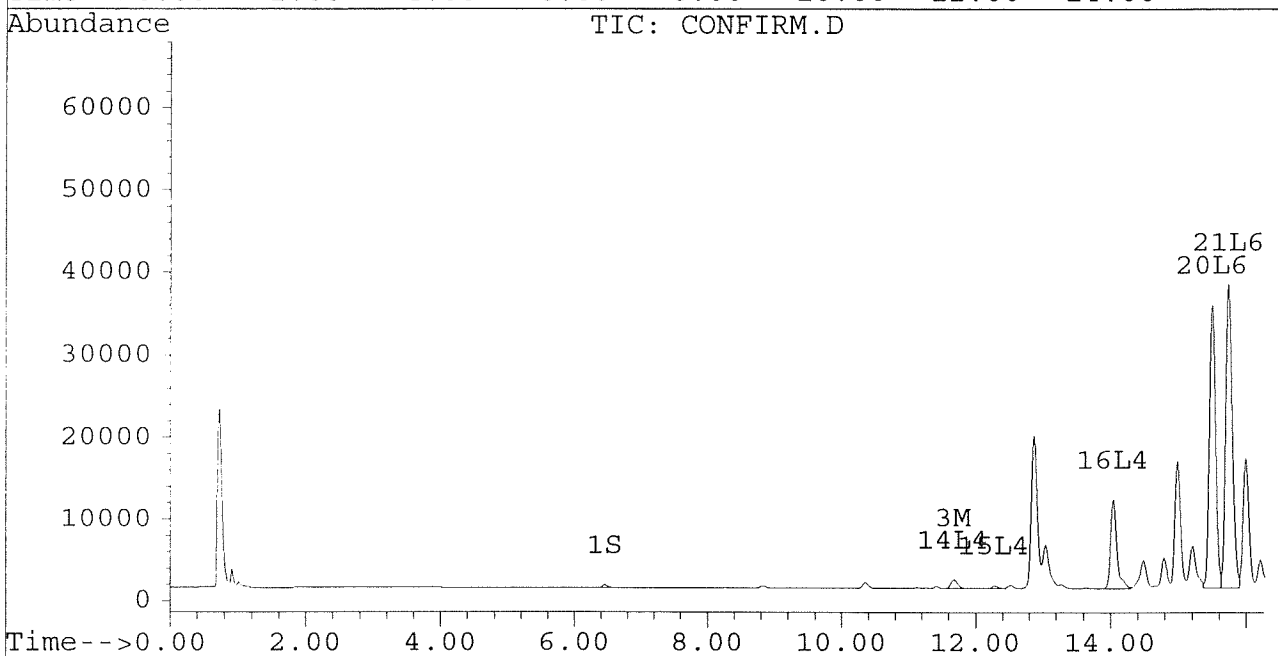
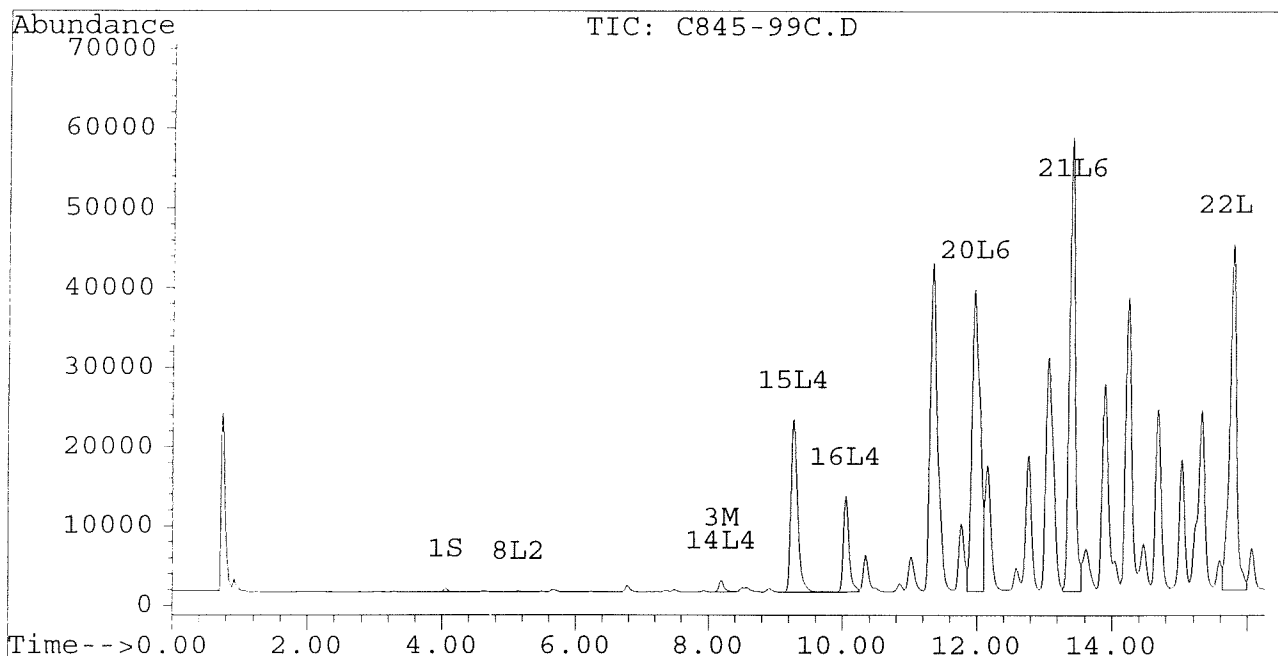
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-99C.D  
Signal #2 : D:\HPCHEM\5\SE3\C845-99C.D\CONFIRM.D  
Acq On : 03 Sep 96 08:32 PM  
Sample : VHB / P STAND 2 1:20 DILUTION  
Misc : 30.1G/10ML 99% SOLID  
Quant Time: Sep 3 21:05 1996

Vial: 12  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



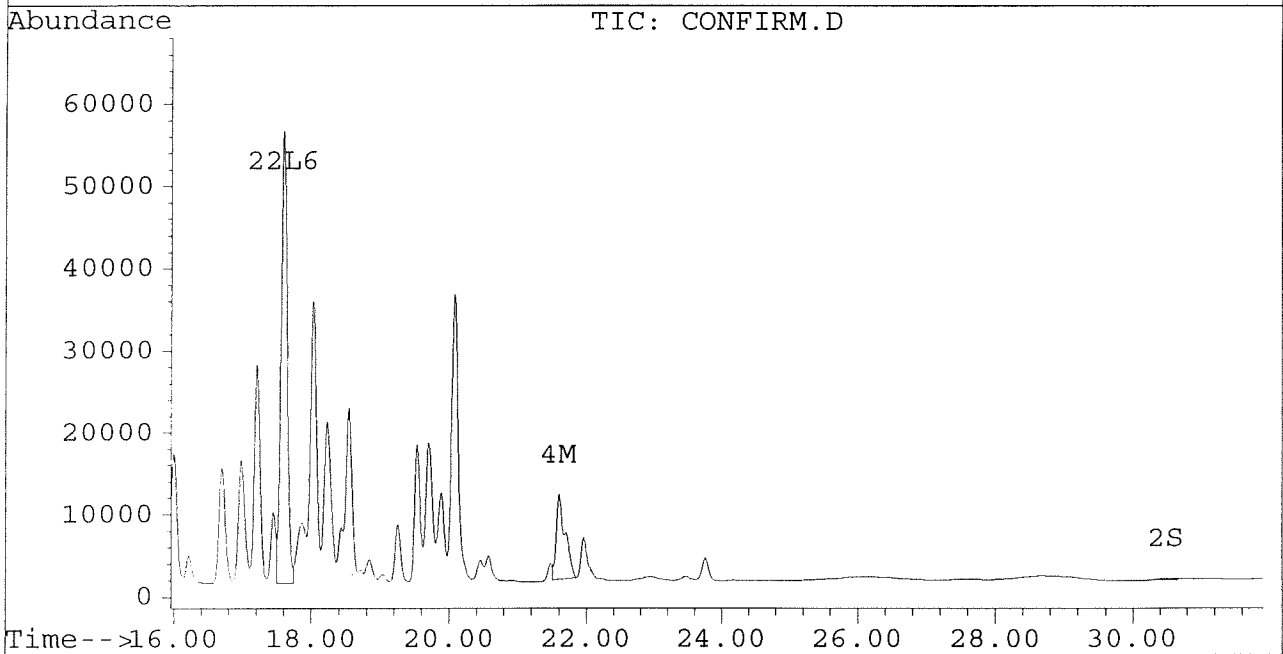
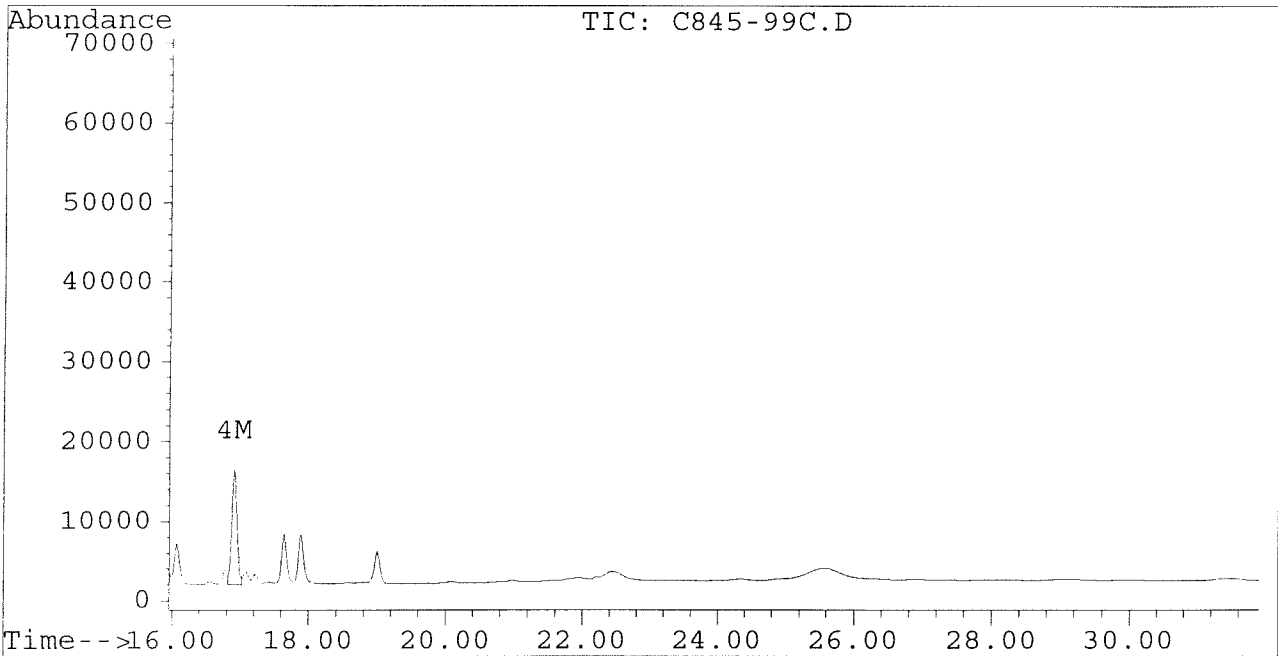
Quantitation Report

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Signal #2 : D:\HPCHEM\5\SE3\C845-99C.D\CONFIRM.D  
Acq On : 03 Sep 96 08:32 PM  
Sample : VHB / P STAND 2 1:20 DILUTION  
Misc : 30.1G/10ML 99% SOLID  
Quant Time: Sep 3 21:05 1996

Vial: 12  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-100.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-100.D\CONFIRM.D  
 Acq On : 02 Sep 96 05:20 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 17:53 1996

Vial: 29  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

*303g @ 90% solid*

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylene	4.11	6.53	789	683	0.003	0.004
			Recovery	=	7.50%	10.00%
2) S Decachlorobiphenyl	22.29	30.71	567	282	0.003	0.003
			Recovery	=	7.50%	7.50%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	8.27	11.78	16483	11243	0.151	0.117
4) M 2,2',3,3',4,4'-Hexa	16.99	21.71	1371	894	0.007	0.006
5) L1 Aroclor-1016	6.85	8.89	3278	554	0.102	0.041 #
6) L1 Aroclor-1016 {2}	8.98	10.43	4721	2974	0.269	0.107 #
7) L1 Aroclor-1016 {3}	9.38	12.35	9312	2064	0.359	0.120 #
Total Aroclor-1016			17310	5592	0.731	0.267
Average Aroclor-1016					0.244	0.089
8) L2 Aroclor-1221	5.13	8.12	65	145	0.009	0.024 #
9) L2 Aroclor-1221 {2}	5.55	8.67	131	229	0.023	0.047 #
10) L2 Aroclor-1221 {3}	5.73	8.89	1205	554	0.060	0.036 #
Total Aroclor-1221			1401	929	0.091	0.107
Average Aroclor-1221					0.030	0.036
11) L3 Aroclor-1232	5.73	8.89	1205	554	0.066	0.039 #
12) L3 Aroclor-1232 {2}	6.85	10.43	3278	2974	0.240	0.248
13) L3 Aroclor-1232 {3}	8.66	12.35	2061	2064	0.249	0.298
Total Aroclor-1232			6544	5592	0.555	0.584
Average Aroclor-1232					0.185	0.195
14) L4 Aroclor-1242	8.27	11.78	16483	11243	0.398	0.377
15) L4 Aroclor-1242 {2}	9.38	12.35	9312	2064	0.479	0.156 #
16) L4 Aroclor-1242 {3}	10.13	14.13	8124	6313	0.481	0.474
Total Aroclor-1242			33919	19620	1.358	1.008
Average Aroclor-1242					0.453	0.336
17) L5 Aroclor-1248	9.38	15.08	9312	4294	0.293	0.191 #
18) L5 Aroclor-1248 {2}	10.13	15.30	8124	5019	0.297	0.215 #
19) L5 Aroclor-1248 {3}	11.43	16.31	7794	2858	0.224	0.160 #
Total Aroclor-1248			25229	12171	0.813	0.566
Average Aroclor-1248					0.271	0.189

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-100.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-100.D\CONFIRM.D  
 Acq On : 02 Sep 96 05:20 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 17:53 1996

Vial: 29  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	4159	3923	0.133	0.145
21) L6 Aroclor-1254 {2}	13.48	15.83	5881	4037	0.136	0.139
22) L6 Aroclor-1254 {3}	15.87	17.69	4147	5414	0.129	0.136
Total Aroclor-1254			14187	13375	0.398	0.420
Average Aroclor-1254					0.133	0.140
23) L7 Aroclor-1260	13.97	18.32	3001	2059	0.086	0.064 #
24) L7 Aroclor-1260 {2}	14.75	18.64	3045	2314	0.075	0.064
25) L7 Aroclor-1260 {3}	17.97	22.06	1044	763	0.018	0.014
Total Aroclor-1260			7090	5136	0.179	0.143
Average Aroclor-1260					0.060	0.048
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR\ 1242 = \frac{0.877 \times 10\text{ mL} \times 1.5 \times 10^{10}}{30.3\text{ g} \times 0.90} = 4,800$$

$$AR\ 1254 = \frac{0.265 \times 10\text{ mL} \times 1.5 \times 10^{10}}{30.3 \times 0.90} = 1,500$$

KC

Quantitation Report

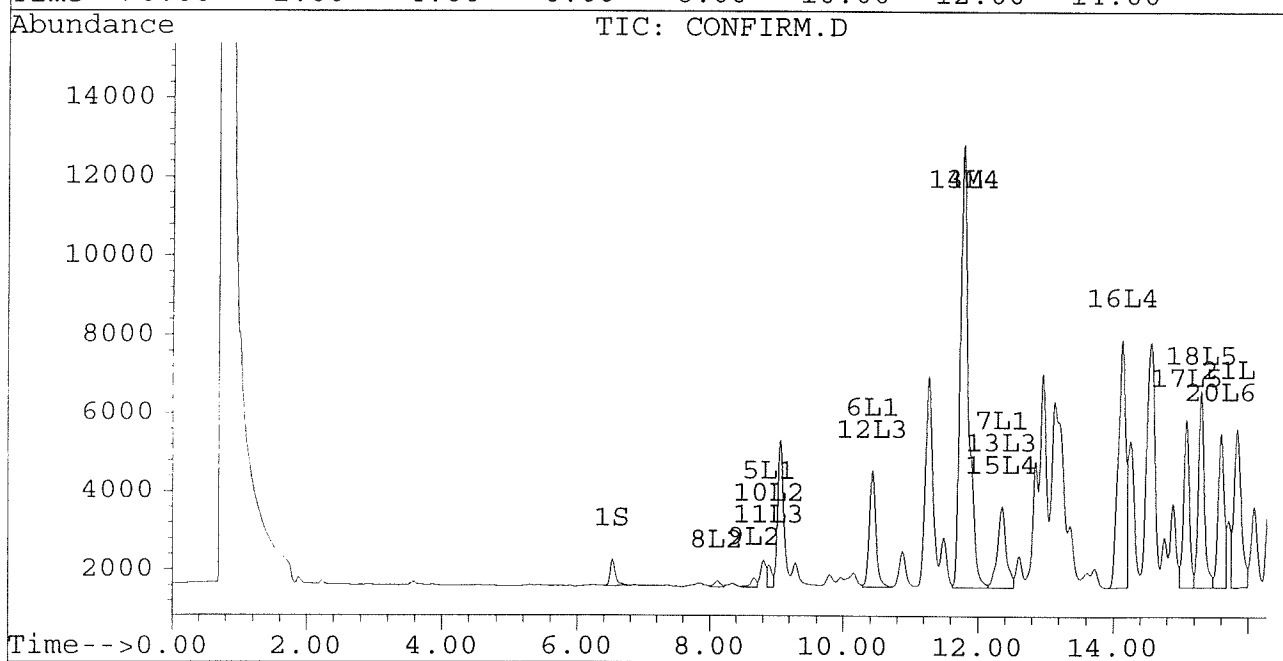
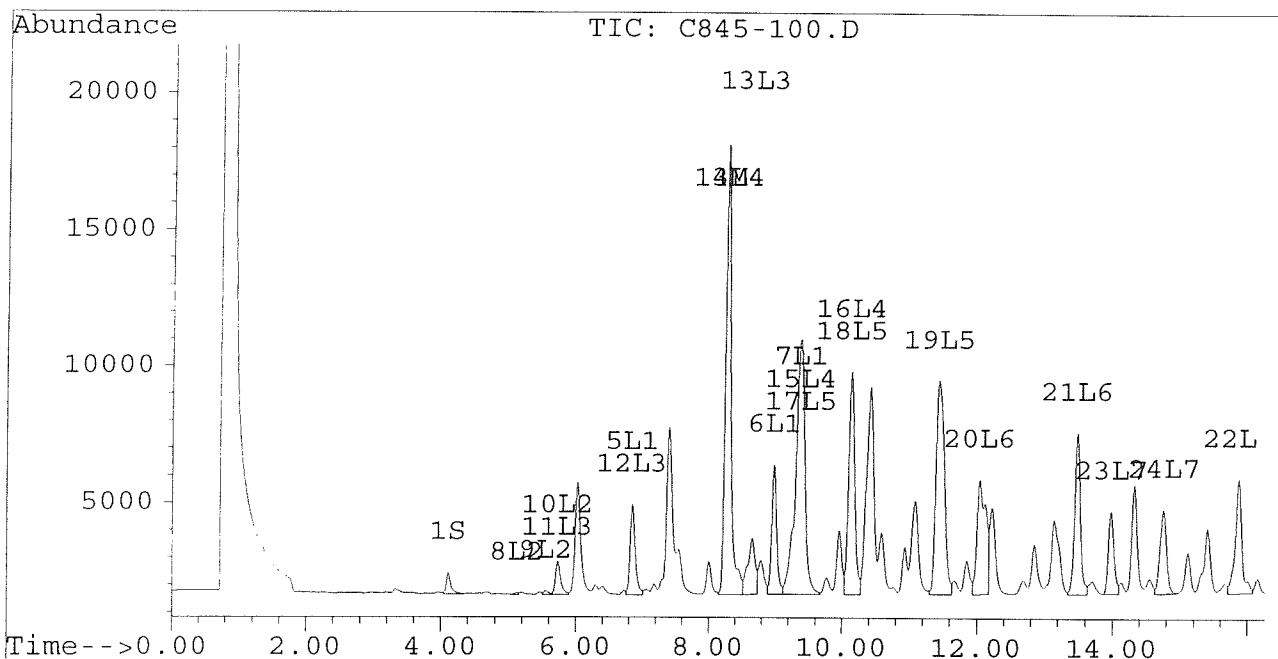
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 Signal #2 : D:\HPCHEM\5\AU29\C845-100.D\CONFIRM.D  
 Acq On : 02 Sep 96 05:20 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 17:53 1996

Vial: 29

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM



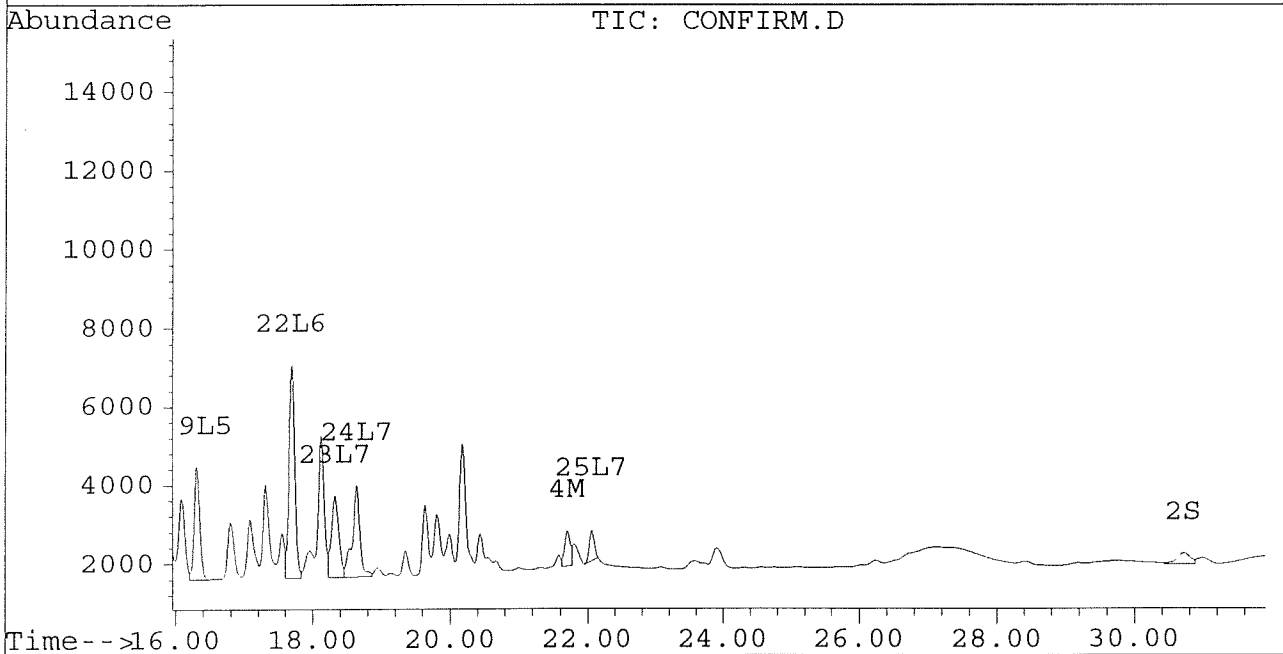
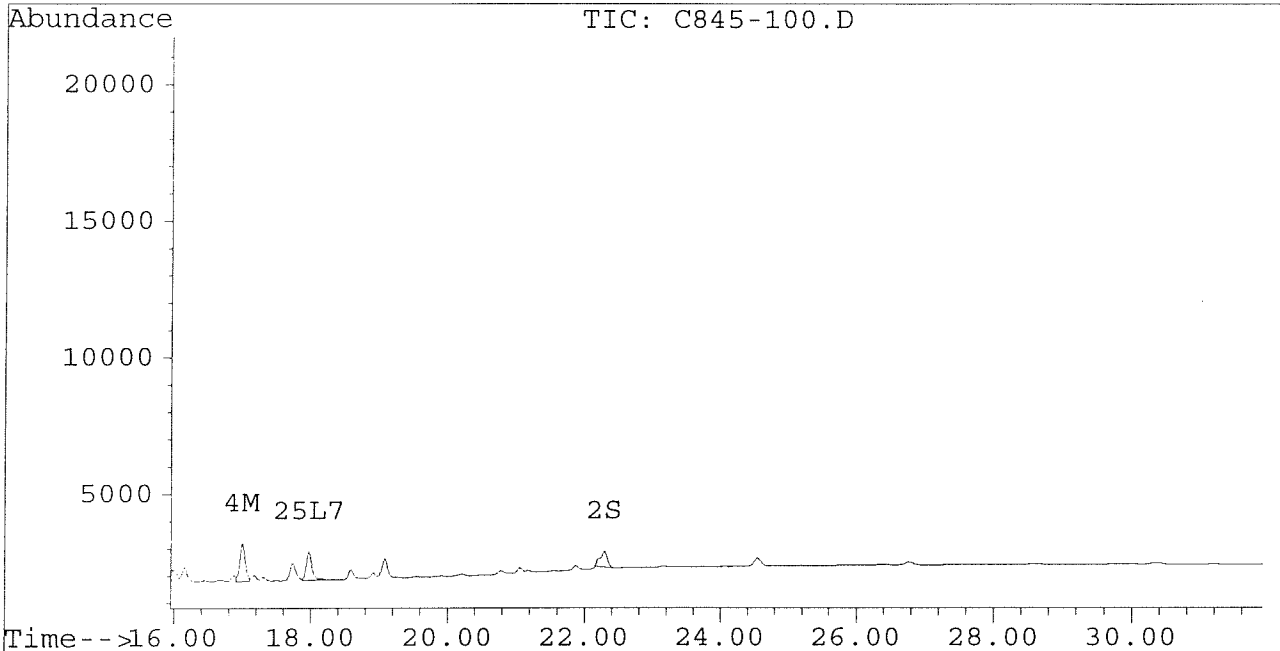
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-100.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-100.D\CONFIRM.D  
Acq On : 02 Sep 96 05:20 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 17:53 1996

Vial: 29  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-101.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-101.D\CONFIRM.D  
 Acq On : 02\_Sep 96 05:55 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 18:29 1996

Vial: 30  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	772	778	0.003	0.004 #
			Recovery	=	7.50%	10.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.
			Recovery	=	0.00% *	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	150856	111643	1.377	1.166
4) M 2,2',3,3',4,4'-Hexa	17.00	21.70	20963	13558	0.112	0.086
5) L1 Aroclor-1016	6.85	8.90	34991	6273	1.093	0.466 #
6) L1 Aroclor-1016 {2}	8.98	10.43	49266	31760	2.809	1.137 #
7) L1 Aroclor-1016 {3}	9.37	12.36	75848	21944	2.925	1.272 #
Total Aroclor-1016			160105	59977	6.827	2.875
Average Aroclor-1016					2.276	0.958
8) L2 Aroclor-1221	5.13	8.12	770	1014	0.110	0.166 #
9) L2 Aroclor-1221 {2}	5.56	8.67	1627	3451	0.279	0.707 #
10) L2 Aroclor-1221 {3}	5.72	8.90	11603	6273	0.574	0.409 #
Total Aroclor-1221			13999	10738	0.963	1.282
Average Aroclor-1221					0.321	0.427
11) L3 Aroclor-1232	5.72	8.90	11603	6273	0.636	0.438 #
12) L3 Aroclor-1232 {2}	6.85	10.43	34991	31760	2.564	2.644
13) L3 Aroclor-1232 {3}	8.66	12.36	24562	21944	2.967	3.165
Total Aroclor-1232			71155	59977	6.167	6.246
Average Aroclor-1232					2.056	2.082
14) L4 Aroclor-1242	8.27	11.78	150856	111643	3.643	3.746
15) L4 Aroclor-1242 {2}	9.37	12.36	75848	21944	3.899	1.660 #
16) L4 Aroclor-1242 {3}	10.13	14.13	71967	57261	4.260	4.304
Total Aroclor-1242			298672	190848	11.802	9.710
Average Aroclor-1242					3.934	3.237
17) L5 Aroclor-1248	9.37	15.08	75848	49089	2.383	2.179
18) L5 Aroclor-1248 {2}	10.13	15.30	71967	53316	2.627	2.284
19) L5 Aroclor-1248 {3}	11.43	16.30	82502	36859	2.371	2.064
Total Aroclor-1248			230317	139264	7.382	6.527
Average Aroclor-1248					2.461	2.176

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-101.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-101.D\CONFIRM.D  
 Acq On : 02 Sep 96 05:55 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 18:29 1996

Vial: 30  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	46962	44069	1.504	1.631
21) L6 Aroclor-1254 {2}	13.48	15.83	74788	46089	1.732	1.584
22) L6 Aroclor-1254 {3}	15.87	17.69	55388	69684	1.725	1.750
Total Aroclor-1254			177137	159842	4.960	4.965
Average Aroclor-1254					Calib. 1.653	1.655
23) L7 Aroclor-1260	13.97	18.32	35738	24678	1.030	0.772 #
24) L7 Aroclor-1260 {2}	14.76	18.64	30726	28115	0.756	0.782
25) L7 Aroclor-1260 {3}	17.97	22.06	13968	10395	0.242	0.194
Total Aroclor-1260			80432	63188	2.027	1.748
Average Aroclor-1260					0.676	0.583
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR 1254 = ~~3.515~~  $\frac{3.457 \times 10 \text{ mL} \times 1.5 \times 10^{\text{PF}}}{30.1 \times 0.87} = 2000$  du mL

kn

Quantitation Report

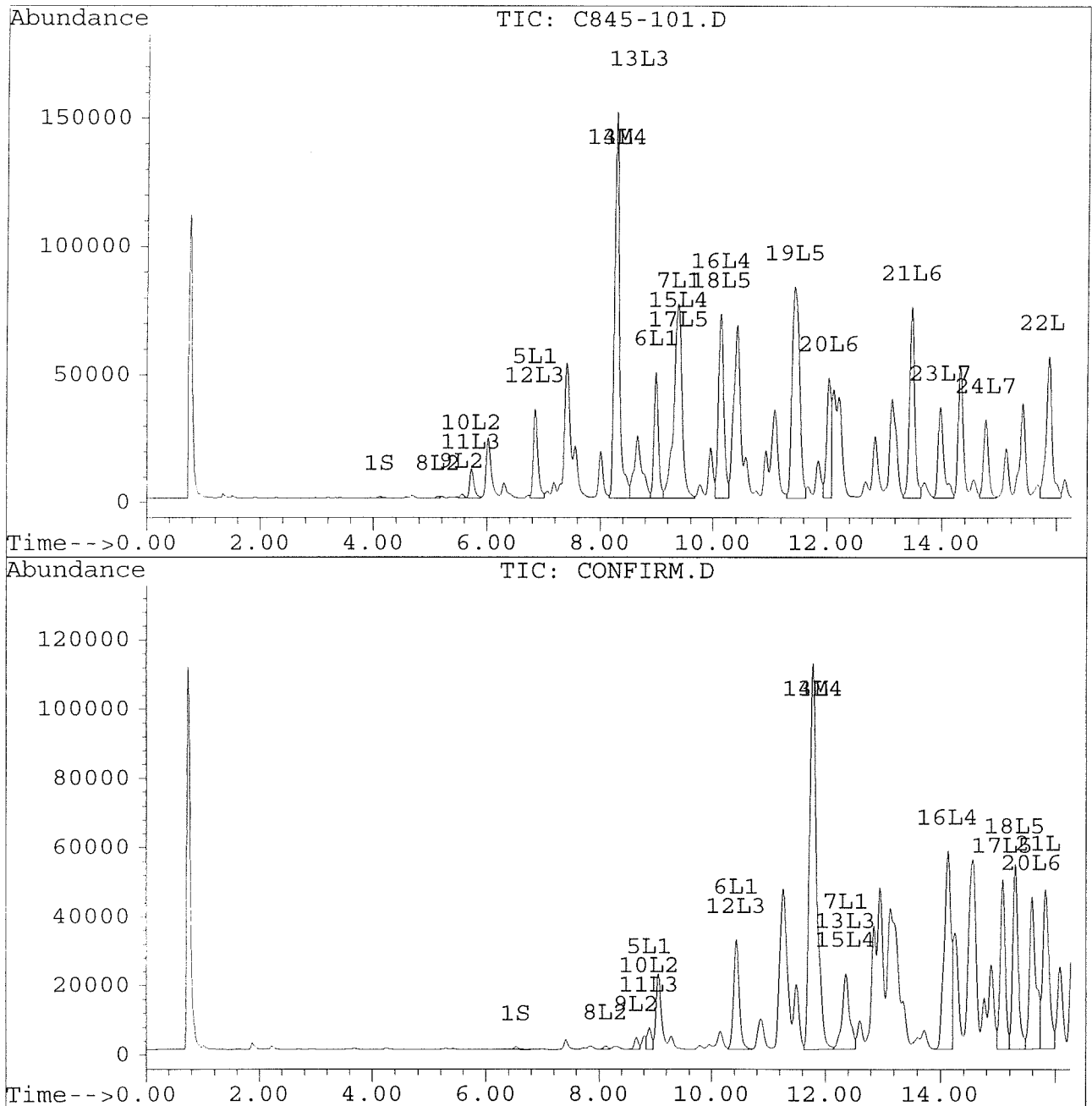
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Signal #2 : D:\HPCHEM\5\AU29\C845-101.D\CONFIRM.D  
Acq On : 02 Sep 96 05:55 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 18:29 1996

Vial: 30

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



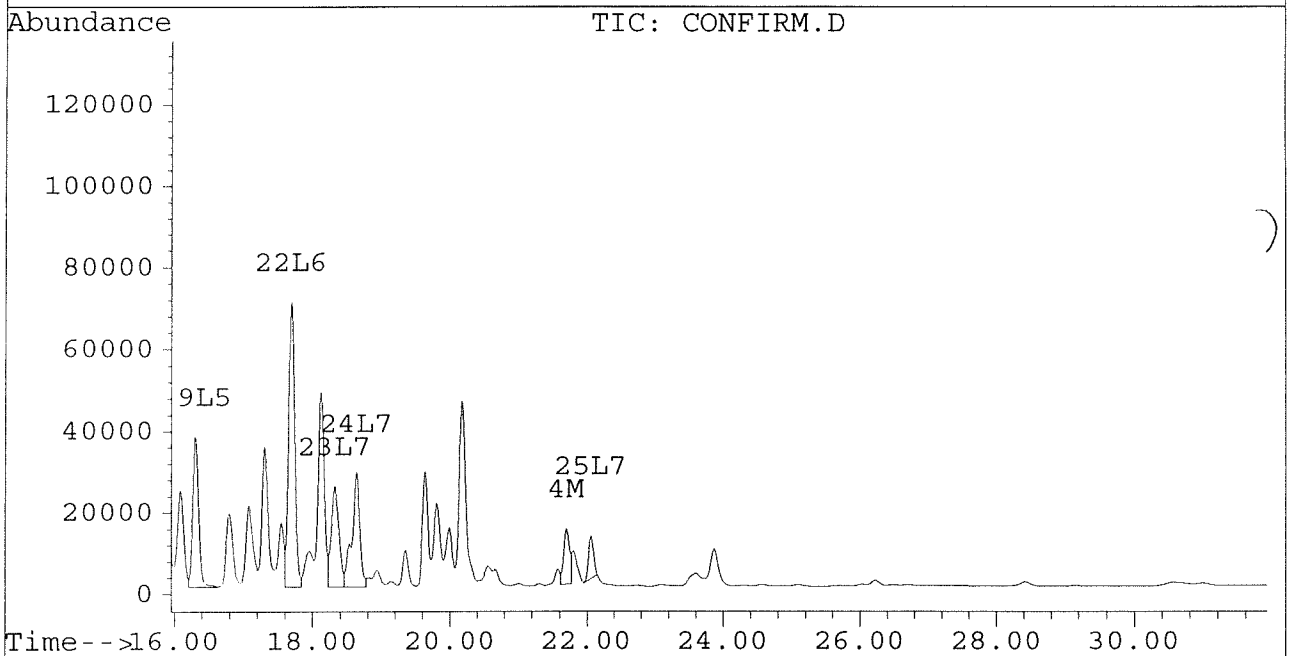
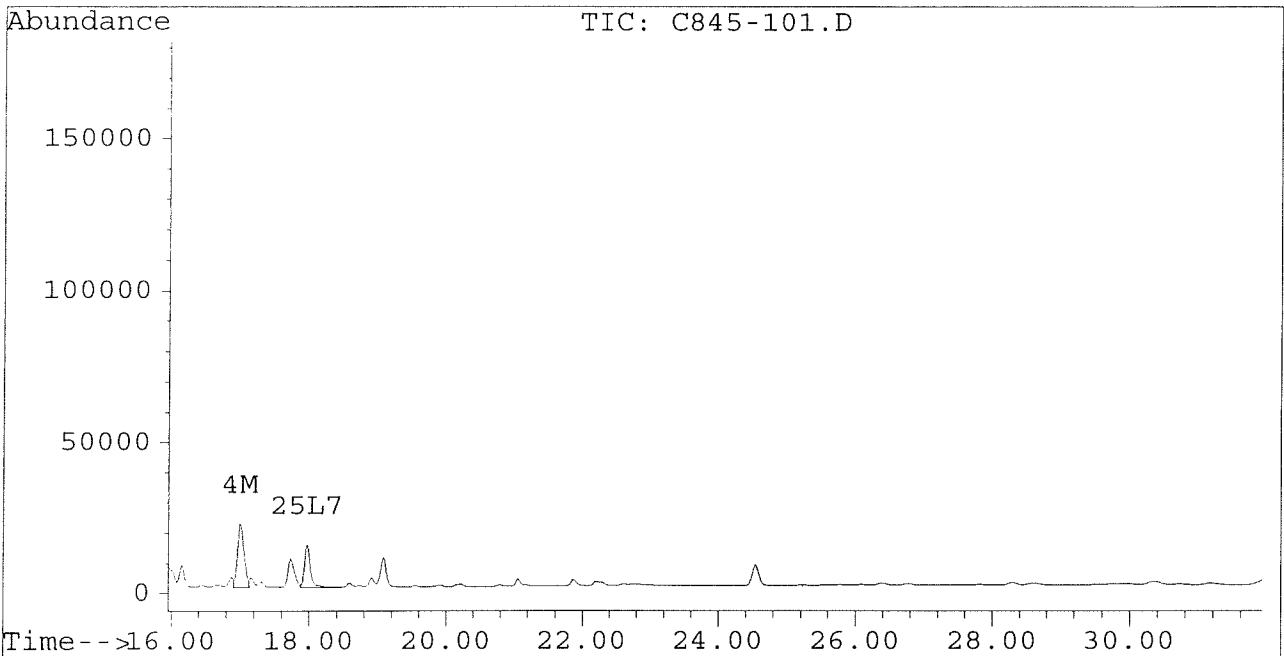
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-101.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-101.D\CONFIRM.D  
Acq On : 02 Sep 96 05:55 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 18:29 1996

Vial: 30  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-101C.D  
 Signal #2 : D:\HPCHEM\5\SE3\845-101C.D\CONFIRM.D  
 Acq On : 04 Sep 96 00:05 AM  
 Sample : VHB / PM5 1:25 DILUTION  
 Misc : 30.1G/10ML 87% SOLID  
 Quant Time: Sep 4 0:39 1996

Vial: 15

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.46	354	343	0.001	0.002
			Recovery	=	2.50%	5.00%
2) S Decachlorobiphenyl	22.19	30.44	334	304	0.002	0.003 #
			Recovery	=	5.00%	7.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.69	72112	51456	0.658	0.537
4) M 2,2',3,3',4,4'-Hexa	16.91	21.60	8990	5384	0.048	0.034 #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.13	0.00	289	0	0.041	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			289	0	0.041	N.D.
Average Aroclor-1221					0.041	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.70	0.00	4325	0	0.522	N.D. #
Total Aroclor-1232			4325	0	0.522	N.D.
Average Aroclor-1232					0.522	0.000
14) L4 Aroclor-1242	8.20	11.69	72112	51456	1.742	1.727
15) L4 Aroclor-1242 {2}	9.30	12.27	36901	9863	1.897	0.746 #
16) L4 Aroclor-1242 {3}	10.05	14.04	34114	26672	2.019	2.005
Total Aroclor-1242			143127	87991	5.657	4.478
Average Aroclor-1242					1.886	1.493
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-101C.D  
 Signal #2 : D:\HPCHEM\5\SE3\845-101C.D\CONFIRM.D  
 Acq On : 04 Sep 96 00:05 AM  
 Sample : VHB / PM5 1:25 DILUTION  
 Misc : 30.1G/10ML 87% SOLID  
 Quant Time: Sep 4 0:39 1996

Vial: 15  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	22074	20397	0.707	0.755
21) L6 Aroclor-1254 {2}	13.40	15.74	34151	21530	0.791	0.740
22) L6 Aroclor-1254 {3}	15.78	17.60	24663	31555	0.768	0.792
Total Aroclor-1254			80888	73482	2.266	2.287
Average Aroclor-1254					0.755	0.762
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	1279	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	0.00	4093	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78f	0.00	894	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR1254 = \frac{1.559 \times 10 \text{ mL} \times 1.5 \times 25}{30.1 \times 0.87} = 2200 \text{ ug}$$

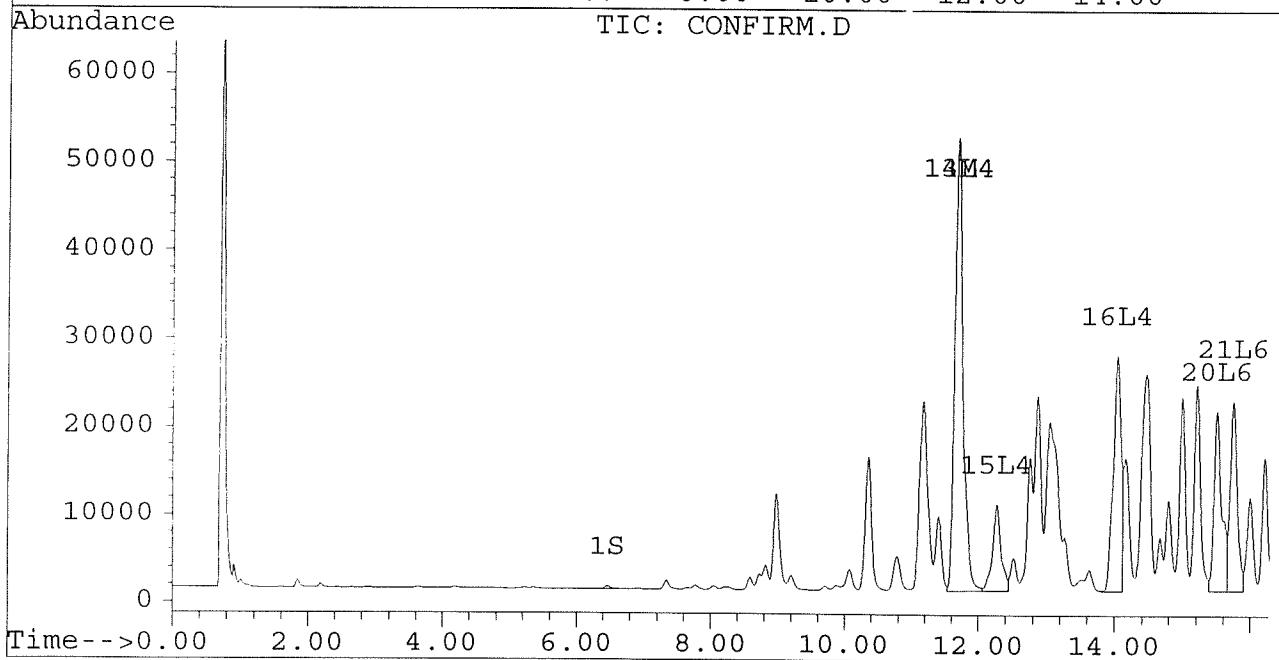
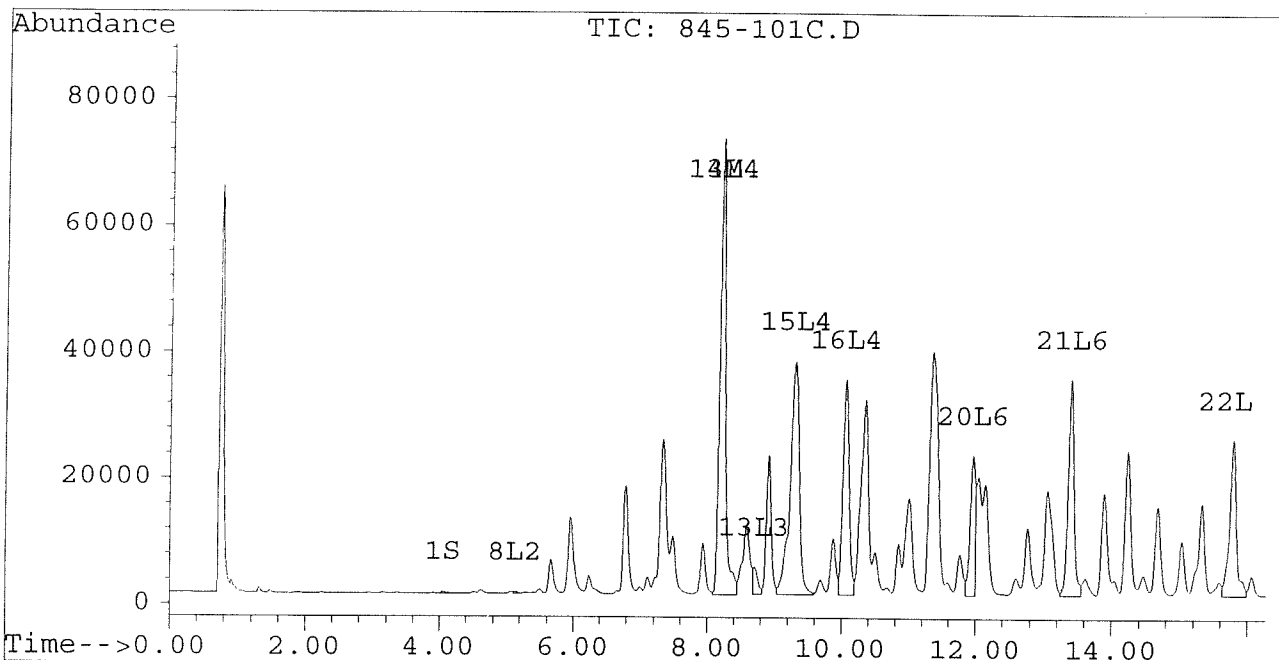
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-101C.D  
Signal #2 : D:\HPCHEM\5\SE3\845-101C.D\CONFIRM.D  
Acq On : 04 Sep 96 00:05 AM  
Sample : VHB / PM5 1:25 DILUTION  
Misc : 30.1G/10ML 87% SOLID  
Quant Time: Sep 4 0:39 1996

Vial: 15  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



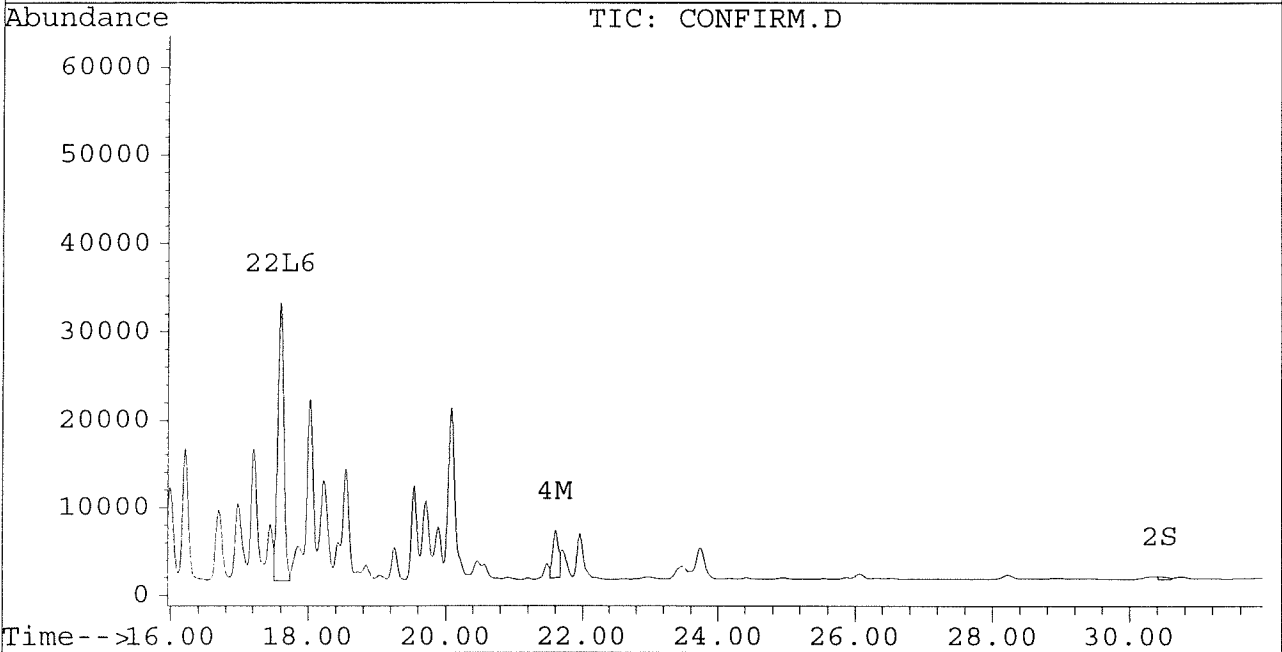
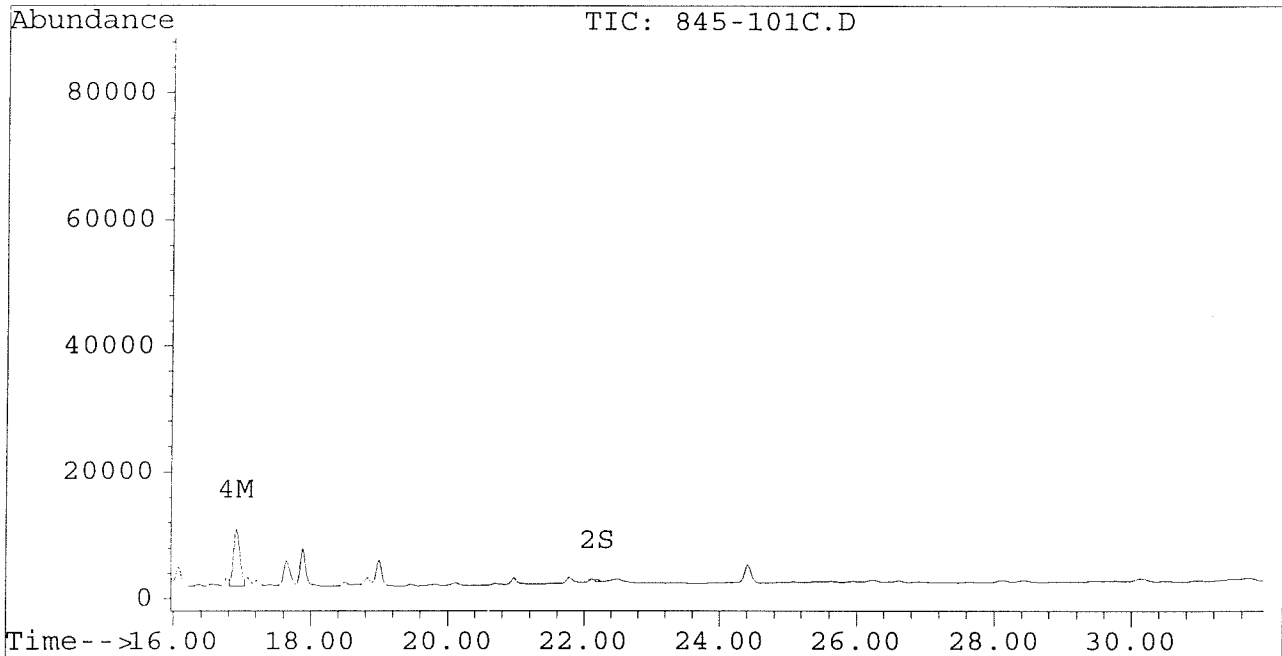
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-101C.D  
Signal #2 : D:\HPCHEM\5\SE3\845-101C.D\CONFIRM.D  
Acq On : 04 Sep 96 00:05 AM  
Sample : VHB / PM5 1:25 DILUTION  
Misc : 30.1G/10ML 87% SOLID  
Quant Time: Sep 4 0:39 1996

Vial: 15  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-101D.D  
 Signal #2 : D:\HPCHEM\5\SE3\845-101D.D\CONFIRM.D  
 Acq On : 04-Sep 96 05:15 PM  
 Sample : VHB / PM5 1:50 DILUTION  
 Misc : 30.1G/10ML 87% SOLID  
 Quant Time: Sep 4 17:49 1996

Vial: 41  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.46	165	163	0.001	0.001
			Recovery	=	2.50%	2.50%
2) S Decachlorobiphenyl	22.21	30.45	57	151	0.000	0.002 #
			Recovery	=	0.00%	5.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.69	35809	26094	0.327	0.272
4) M 2,2',3,3',4,4'-Hexa	16.91	21.60	4105	2341	0.022	0.015 #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.13	0.00	139	0	0.020	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			139	0	0.020	N.D.
Average Aroclor-1221					0.020	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.70	0.00	2229	0	0.269	N.D. #
Total Aroclor-1232			2229	0	0.269	N.D.
Average Aroclor-1232					0.269	0.000
14) L4 Aroclor-1242	8.20	11.69	35809	26094	0.865	0.876
15) L4 Aroclor-1242 {2}	9.30	12.27	19245	4902	0.989	0.371 #
16) L4 Aroclor-1242 {3}	10.05	14.04	17139	13640	1.014	1.025
Total Aroclor-1242			72193	44635	2.868	2.272
Average Aroclor-1242					0.956	0.757
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-101D.D  
 Signal #2 : D:\HPCHEM\5\SE3\845-101D.D\CONFIRM.D  
 Acq On : 04 Sep 96 05:15 PM  
 Sample : VHB / PM5 1:50 DILUTION  
 Misc : 30.1G/10ML 87% SOLID  
 Quant Time: Sep 4 17:49 1996

Vial: 41  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	11028	10633	0.353	0.394
21) L6 Aroclor-1254 {2}	13.40	15.74	16212	11185	0.375	0.384
22) L6 Aroclor-1254 {3}	15.78	17.59	11323	15451	0.353	0.388
Total Aroclor-1254			38563	37269	1.081	1.166
Average Aroclor-1254					0.360	0.389
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	613	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	0.00	1783	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78f	0.00	374	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

PF

$$\frac{1.854 \times 10 \text{ ml} \times 1.5 \times 50}{301 \times 0.87} = 53,000$$

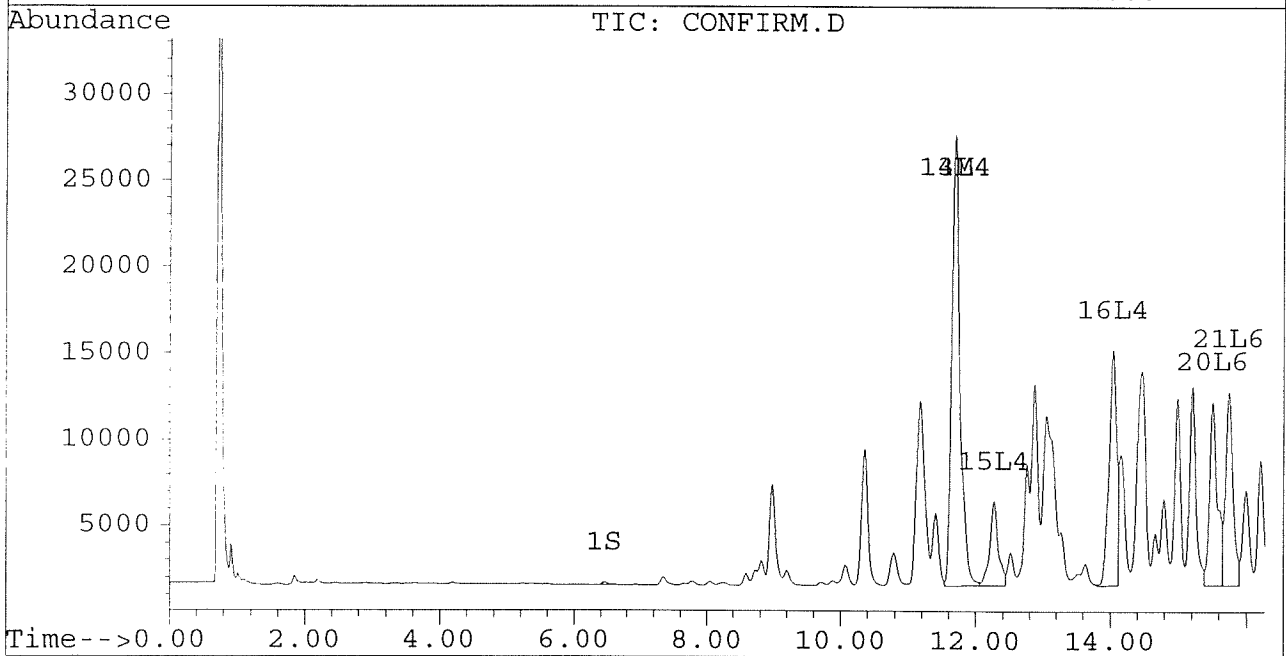
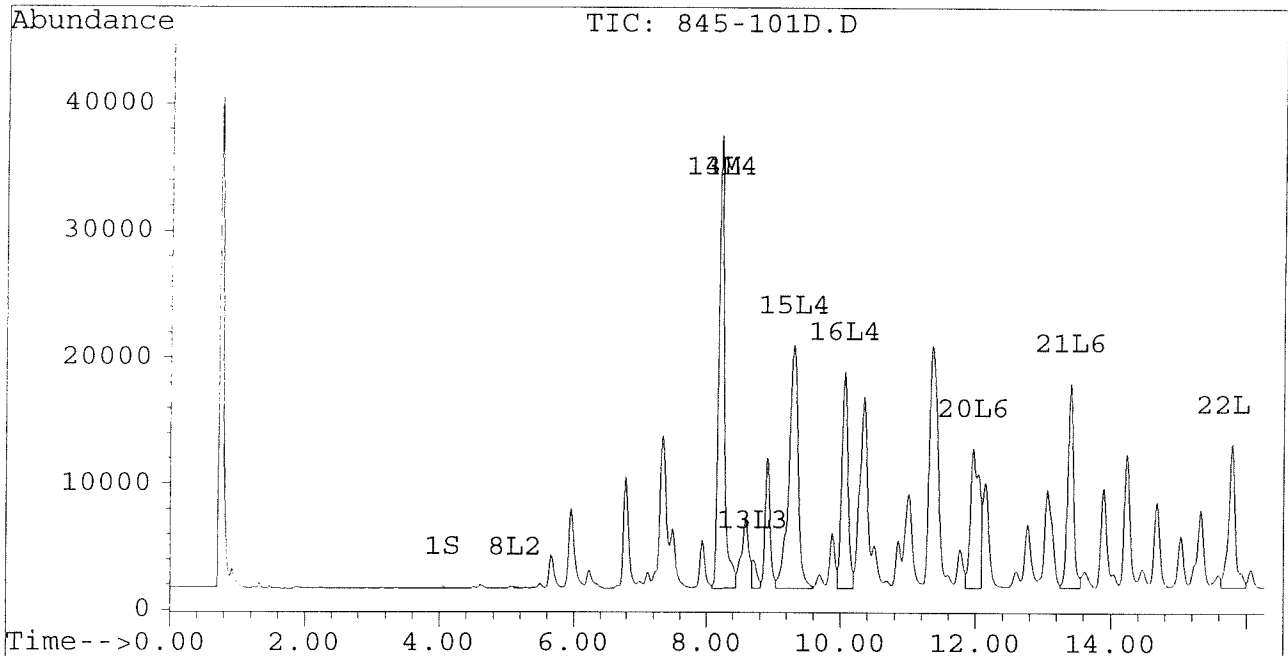
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-101D.D  
Signal #2 : D:\HPCHEM\5\SE3\845-101D.D\CONFIRM.D  
Acq On : 04 Sep 96 05:15 PM  
Sample : VHB / PM5 1:50 DILUTION  
Misc : 30.1G/10ML 87% SOLID  
Quant Time: Sep 4 17:49 1996

Vial: 41  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

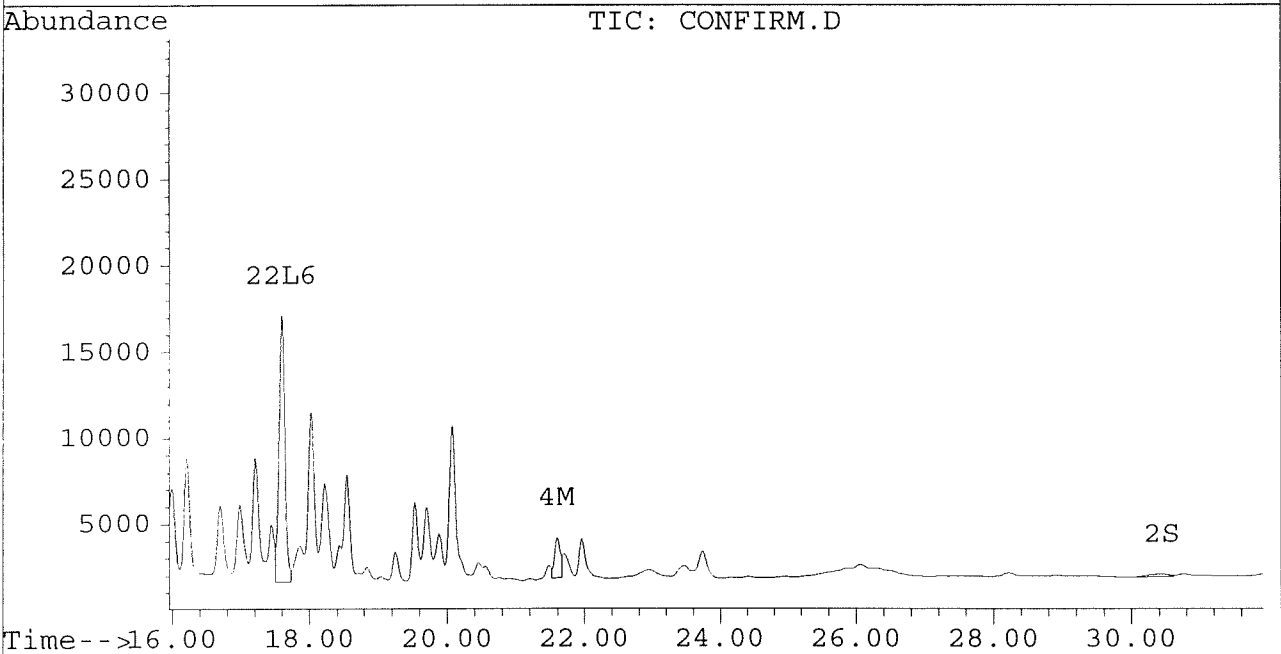
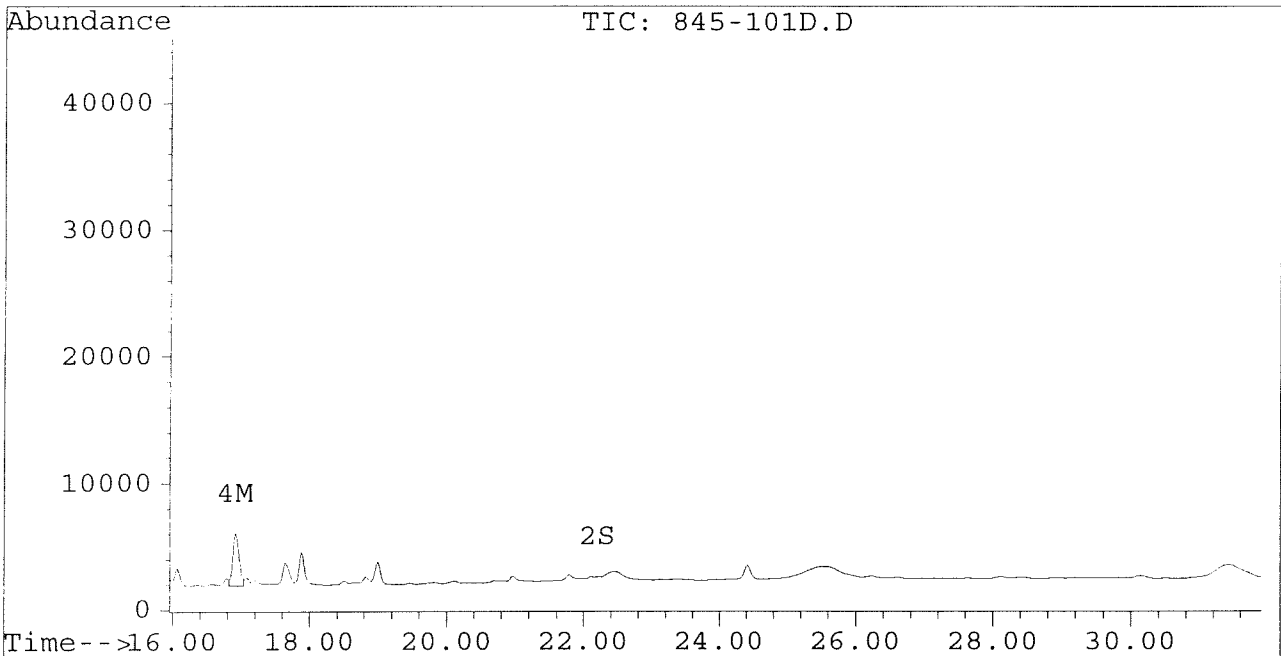
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Signal #2 : D:\HPCHEM\5\SE3\845-101D.D\CONFIRM.D  
Acq On : 04 Sep 96 05:15 PM  
Sample : VHB / PM5 1:50 DILUTION  
Misc : 30.1G/10ML 87% SOLID  
Quant Time: Sep 4 17:49 1996

Vial: 41

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-102.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-102.D\CONFIRM.D  
 Acq On : 02 Sep 96 06:31 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 19:05 1996

Vial: 31  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylene	4.11	6.53	774	702	0.003	0.004
			Recovery	=	7.50%	10.00%
2) S Decachlorobiphenyl	22.30	0.00	277	0	0.001	N.D. #
			Recovery	=	2.50%	0.00%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	8.27	11.78	71213	51701	0.650	0.540
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	8513	5342	0.046	0.034 #
5) L1 Aroclor-1016	6.85	8.90	15536	2397	0.485	0.178 #
6) L1 Aroclor-1016 {2}	8.98	10.43	21771	13916	1.241	0.498 #
7) L1 Aroclor-1016 {3}	9.37	12.36	38982	8958	1.503	0.519 #
Total Aroclor-1016			76289	25270	3.230	1.196
Average Aroclor-1016					1.077	0.399
8) L2 Aroclor-1221	5.14	8.12	267	482	0.038	0.079 #
9) L2 Aroclor-1221 {2}	5.55	8.66	567	2891	0.097	0.593 #
10) L2 Aroclor-1221 {3}	5.71	8.90	6292	2397	0.311	0.156 #
Total Aroclor-1221			7127	5770	0.447	0.828
Average Aroclor-1221					0.149	0.276
11) L3 Aroclor-1232	5.71	8.90	6292	2397	0.345	0.167 #
12) L3 Aroclor-1232 {2}	6.85	10.43	15536	13916	1.138	1.158
13) L3 Aroclor-1232 {3}	8.65	12.36	10201	8958	1.232	1.292
Total Aroclor-1232			32030	25270	2.716	2.617
Average Aroclor-1232					0.905	0.872
14) L4 Aroclor-1242	8.27	11.78	71213	51701	1.720	1.735
15) L4 Aroclor-1242 {2}	9.37	12.36	38982	8958	2.004	0.678 #
16) L4 Aroclor-1242 {3}	10.12	14.13	37384	29242	2.213	2.198
Total Aroclor-1242			147579	89901	5.936	4.610
Average Aroclor-1242					1.979	1.537
17) L5 Aroclor-1248	9.37	15.08	38982	23527	1.225	1.044
18) L5 Aroclor-1248 {2}	10.12	15.30	37384	25887	1.365	1.109
19) L5 Aroclor-1248 {3}	11.43	16.30	40485	16110	1.164	0.902
Total Aroclor-1248			116851	65524	3.753	3.056
Average Aroclor-1248					1.251	1.019

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-102.D Vial: 31  
 Signal #2 : D:\HPCHEM\5\AU29\C845-102.D\CONFIRM.D  
 Acq On : 02 Sep 96 06:31 PM Operator: JS  
 Sample : VHB/ 1:10 DILUTION Inst : ECD1  
 Misc : Multiplr: 1.00  
 Quant Time: Sep 2 19:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	21824	20724	0.699	0.767
21) L6 Aroclor-1254 {2}	13.48	15.83	33930	21399	0.786	0.735
22) L6 Aroclor-1254 {3}	15.87	17.69	24415	31297	0.760	0.786
Total Aroclor-1254			80169	73421	2.245	2.288
Average Aroclor-1254					0.748	0.763
23) L7 Aroclor-1260	13.97	18.32	16097	11138	0.464	0.348
24) L7 Aroclor-1260 {2}	14.76	18.64	13724	12300	0.338	0.342
25) L7 Aroclor-1260 {3}	17.97	22.06	6586	4424	0.114	0.083 #
Total Aroclor-1260			36407	27861	0.915	0.773
Average Aroclor-1260					0.305	0.258
26) L8 Aroclor-1268	0.00	23.33F	0	2040	N.D.	0.475 #
27) L8 Aroclor-1268 {2}	0.00	23.51	0	1500	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	28.12	0	249	N.D.	NoCal
Total Aroclor-1268			0	2040	N.D.	0.475
Average Aroclor-1268					0.000	0.475

AR 1254 =  $\frac{1.546 \times 10 \text{ mL} \times 1.5 \times 10^{DF}}{303 \times 0.91} = 8400$

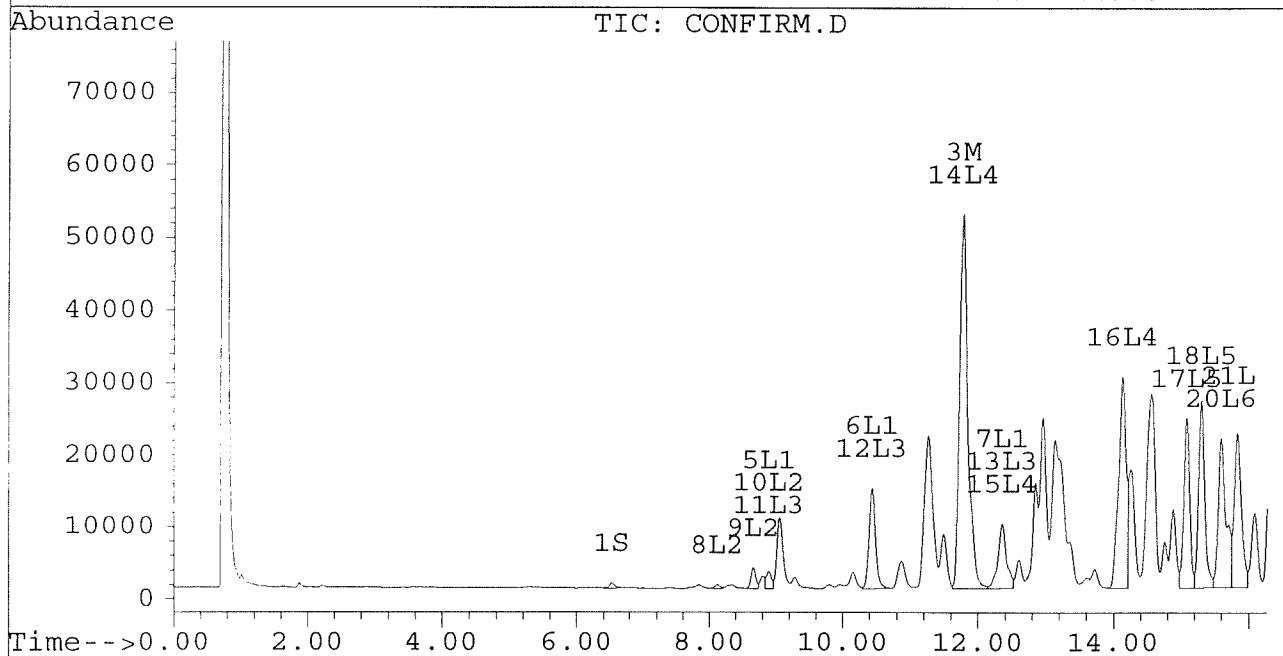
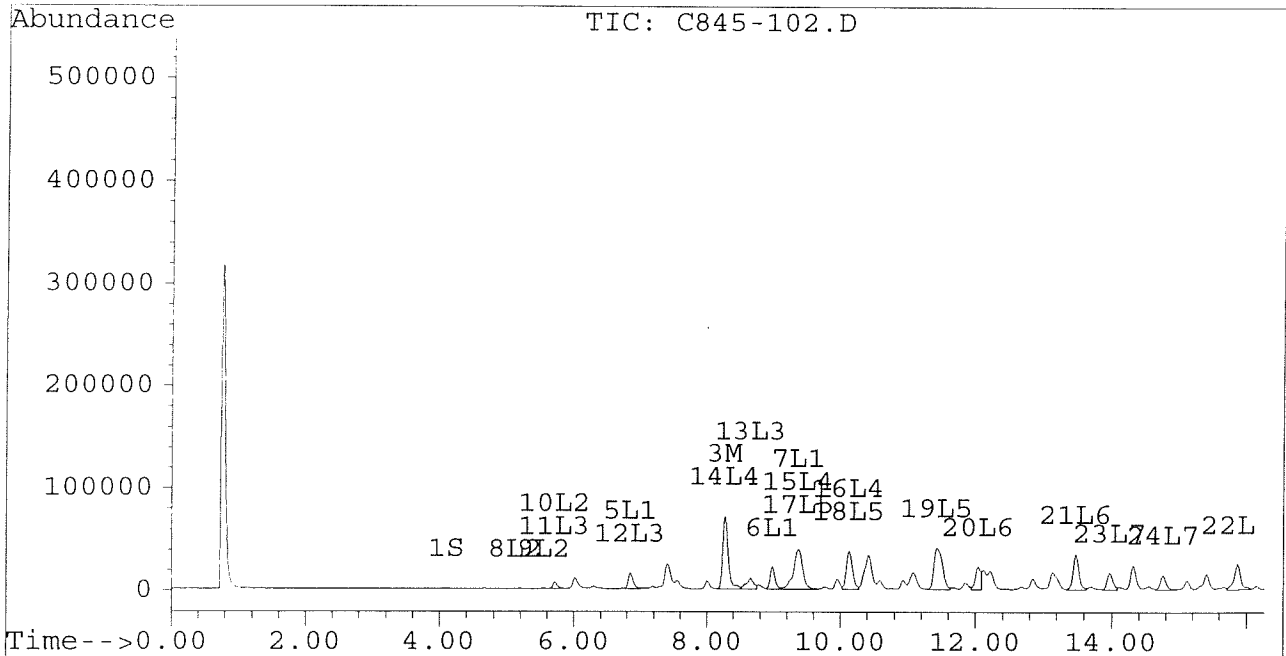
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-102.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-102.D\CONFIRM.D  
Acq On : 02 Sep 96 06:31 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 19:05 1996

Vial: 31  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

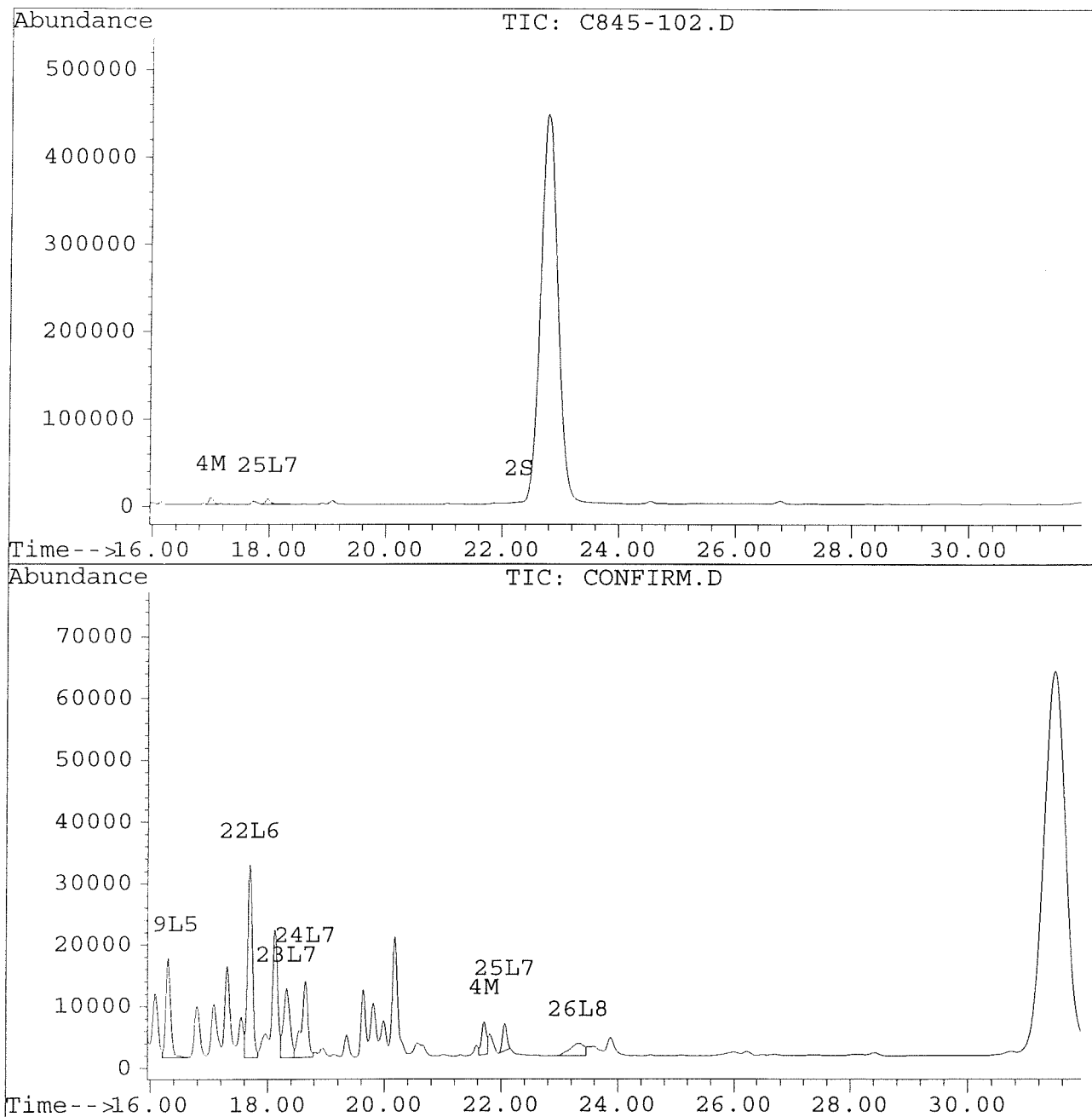
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Signal #2 : D:\HPCHEM\5\AU29\C845-102.D\CONFIRM.D  
Acq On : 02 Sep 96 06:31 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 19:05 1996

Vial: 31  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-102C.D  
 Signal #2 : D:\HPCHEM\5\SE3\845-102C.D\CONFIRM.D  
 Acq On : 04 Sep 96 01:16 AM  
 Sample : VHB / PM6 1:20 DILUTION  
 Misc : 30.3G/10ML 91% SOLID  
 Quant Time: Sep 4 1:50 1996

Vial: 17  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.05	6.46	366	336	0.002	0.002
			Recovery	=	5.00%	5.00%
2) S Decachlorobiphenyl	22.20	30.49	300	192	0.001	0.002 #
			Recovery	=	2.50%	5.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.69	34473	25347	0.315	0.265
4) M 2,2',3,3',4,4'-Hexa	16.91	21.60	3561	2175	0.019	0.014 #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.14	0.00	226	0	0.032	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			226	0	0.032	N.D.
Average Aroclor-1221					0.032	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.70	0.00	2150	0	0.260	N.D. #
Total Aroclor-1232			2150	0	0.260	N.D.
Average Aroclor-1232					0.260	0.000
14) L4 Aroclor-1242	8.20	11.69	34473	25347	0.833	0.850
15) L4 Aroclor-1242 {2}	9.30	12.27	20111	4317	1.034	0.327 #
16) L4 Aroclor-1242 {3}	10.05	14.04	18314	14506	1.084	1.090
Total Aroclor-1242			72898	44171	2.950	2.267
Average Aroclor-1242					0.983	0.756
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
-----						



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-102C.D Vial: 17  
 Signal #2 : D:\HPCHEM\5\SE3\845-102C.D\CONFIRM.D  
 Acq On : 04 Sep 96 01:16 AM Operator: JS  
 Sample : VHB / PM6 1:20 DILUTION Inst : ECD1  
 Misc : 30.3G/10ML 91% SOLID Multiplr: 1.00  
 Quant Time: Sep 4 1:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	10493	10302	<del>0.336</del>	0.381
21) L6 Aroclor-1254 {2}	13.40	15.74	15317	10541	<del>0.355</del>	0.362
22) L6 Aroclor-1254 {3}	15.78	17.60	10392	14403	<del>0.324</del>	0.362
Total Aroclor-1254			36203	35246	1.014	1.105
Average Aroclor-1254					0.338	0.368
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	571	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	0.00	1693	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78f	0.00	404	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR 1242 =  $\frac{1.867 \times 10 \text{ mL} \times 1.5 \times 20}{30.3 \times 91} = 20,000$  DF

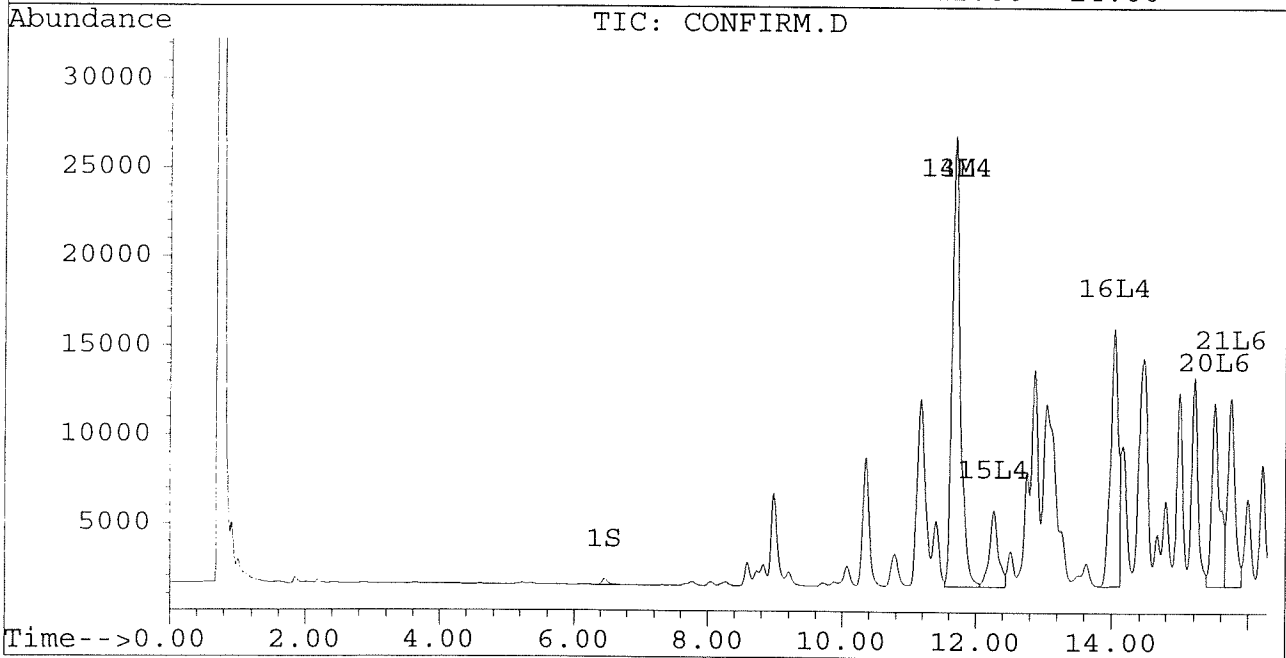
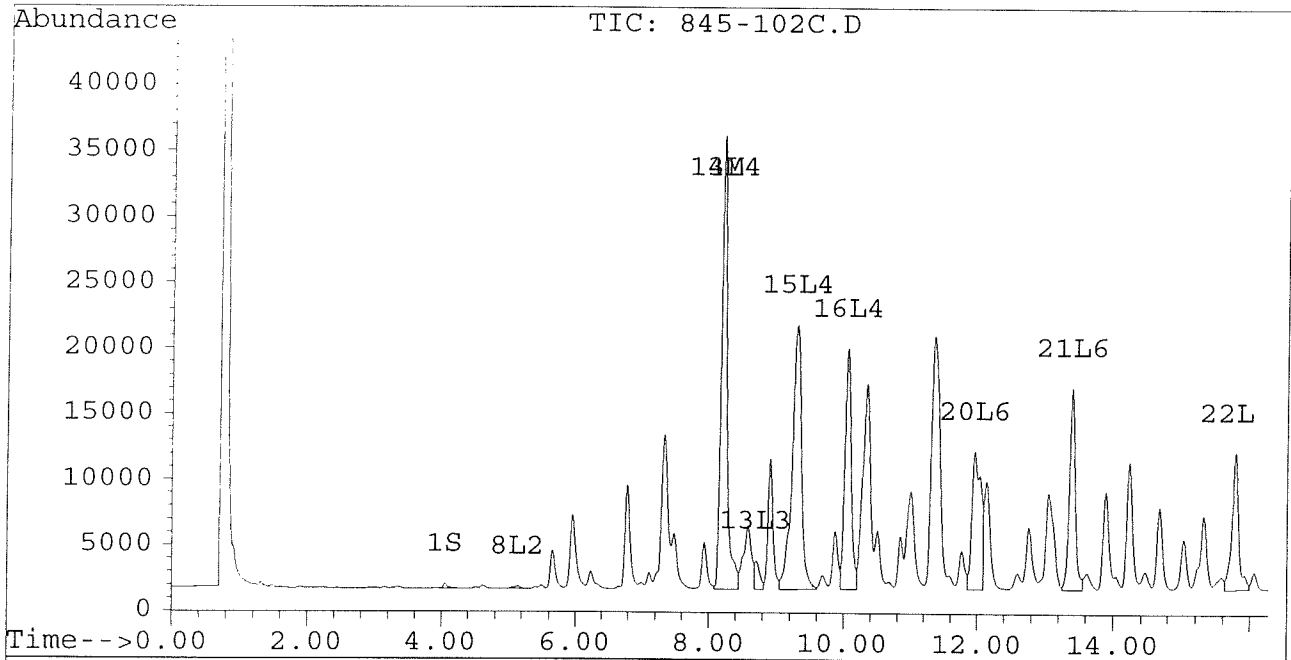
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-102C.D  
Signal #2 : D:\HPCHEM\5\SE3\845-102C.D\CONFIRM.D  
Acq On : 04 Sep 96 01:16 AM  
Sample : VHB / PM6 1:20 DILUTION  
Misc : 30.3G/10ML 91% SOLID  
Quant Time: Sep 4 1:50 1996

Vial: 17  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



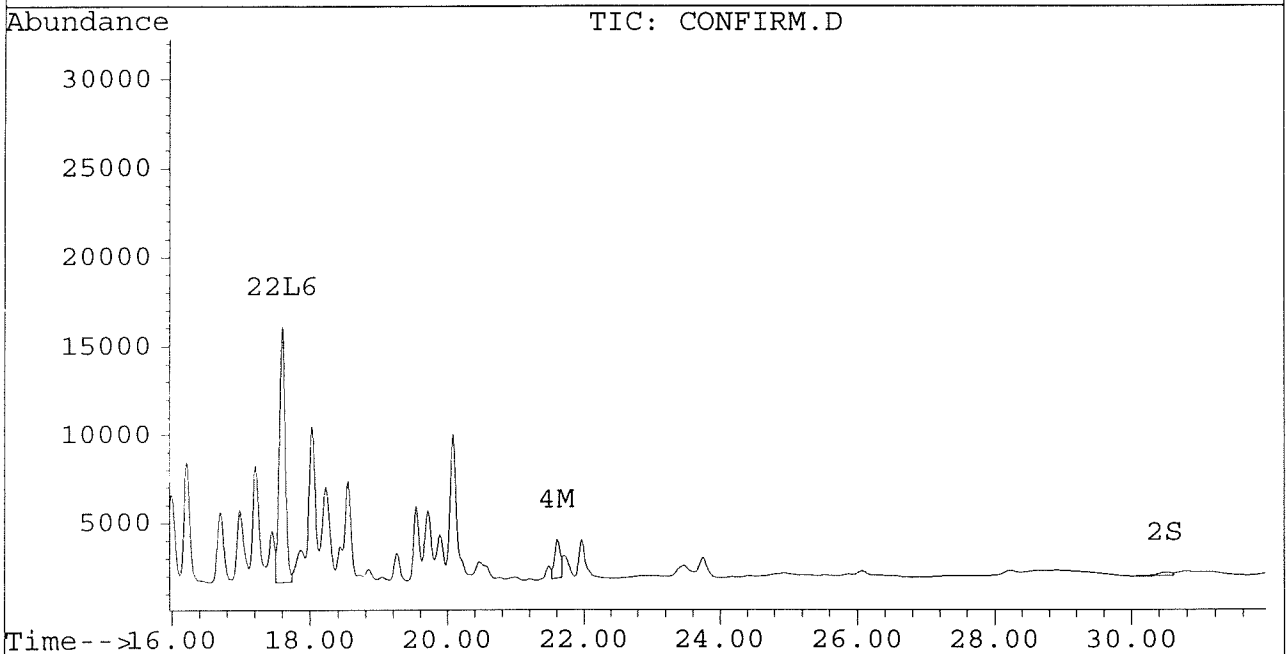
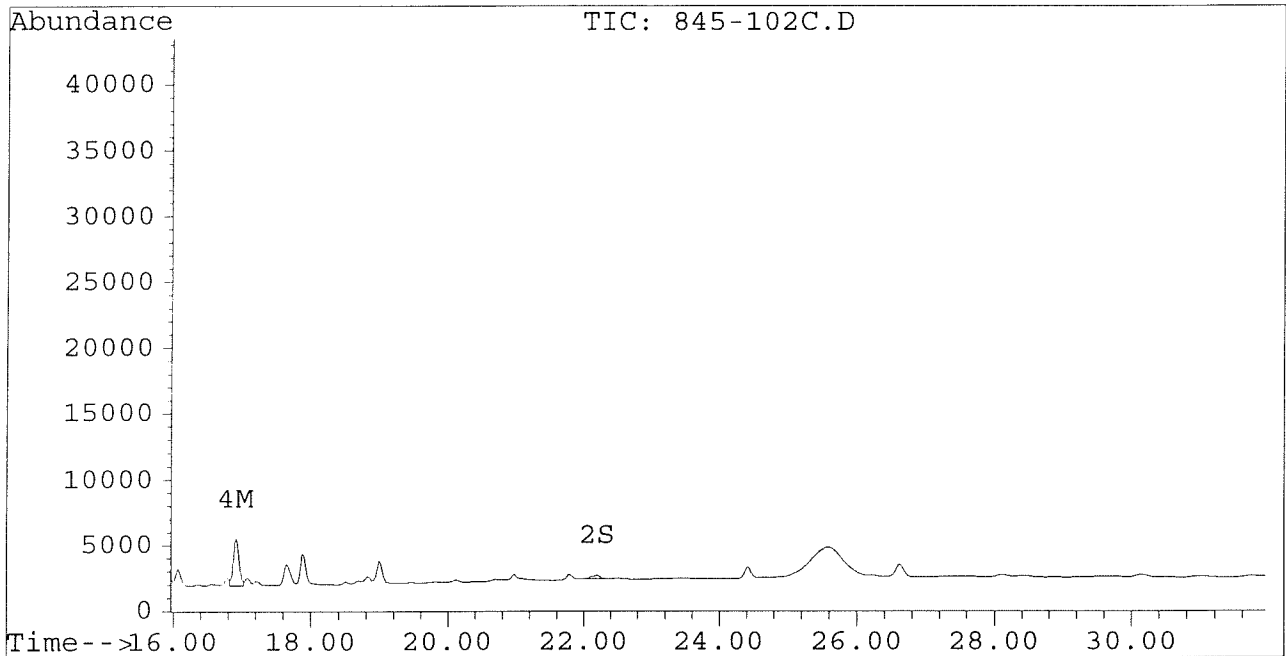
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-102C.D  
Signal #2 : D:\HPCHEM\5\SE3\845-102C.D\CONFIRM.D  
Acq On : 04 Sep 96 01:16 AM  
Sample : VHB / PM6 1:20 DILUTION  
Misc : 30.3G/10ML 91% SOLID  
Quant Time: Sep 4 1:50 1996

Vial: 17  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0823B3.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0823B3.D\CONFIRM.D  
 Acq On : 31 Aug 96 01:10 AM  
 Sample : SOIL METHOD BLANK P0828-B3  
 Misc : 30.0G 10ML PCB ANALYSIS  
 Quant Time: Aug 31 1:44 1996

Vial: 57

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Thu Sep 05 11:41:08 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	8213	6666	0.034	0.035
			Recovery	=	85.00%	87.50%
2) S Decachlorobiphenyl	22.30	30.72	5352	4509	0.025	0.051 #
			Recovery	=	62.50%	127.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.79	73	51	0.001	0.001
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	651	0	0.003	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.38	0.00	47	0	0.002	N.D. #
Total Aroclor-1016			47	0	0.002	N.D.
Average Aroclor-1016					0.002	0.000
8) L2 Aroclor-1221	5.10	0.00	52	0	0.007	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			52	0	0.007	N.D.
Average Aroclor-1221					0.007	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.28	11.79	73	51	0.002	0.002
15) L4 Aroclor-1242 {2}	9.38	0.00	47	0	0.002	N.D. #
16) L4 Aroclor-1242 {3}	10.14	14.13	33	27	0.002	0.002
Total Aroclor-1242			152	78	0.006	0.004
Average Aroclor-1242					0.002	0.002
17) L5 Aroclor-1248	9.38	15.09	47	19	0.001	0.001 #
18) L5 Aroclor-1248 {2}	10.14	15.32	33	41	0.001	0.002 #
19) L5 Aroclor-1248 {3}	11.44	16.31	47	15	0.001	0.001 #
Total Aroclor-1248			126	75	0.004	0.003
Average Aroclor-1248					0.001	0.001

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0823B3.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0823B3.D\CONFIRM.D  
 Acq On : 31 Aug 96 01:10 AM  
 Sample : SOIL METHOD BLANK P0828-B3  
 Misc : 30.0G 10ML PCB ANALYSIS  
 Quant Time: Aug 31 1:44 1996

Vial: 57  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Thu Sep 05 11:41:08 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase : DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.05	15.60	20	16	0.001	0.001
21) L6 Aroclor-1254 {2}	13.49	15.84	30	21	0.001	0.001
22) L6 Aroclor-1254 {3}	15.88	17.70	25	28	0.001	0.001
Total Aroclor-1254			75	65	0.002	0.002
Average Aroclor-1254					0.001	0.001
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	14.78	0.00	11	0	0.000	N.D. #
25) L7 Aroclor-1260 {3}	17.99	0.00	8	0	0.000	N.D. #
Total Aroclor-1260			18	0	0.000	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

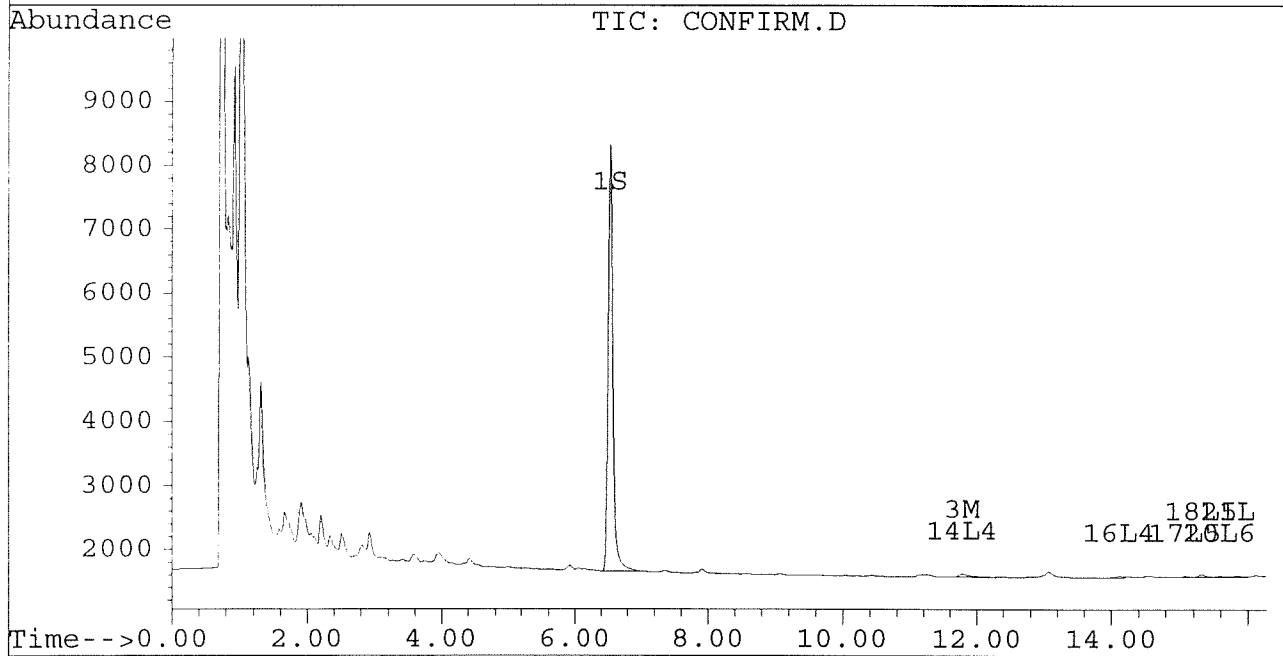
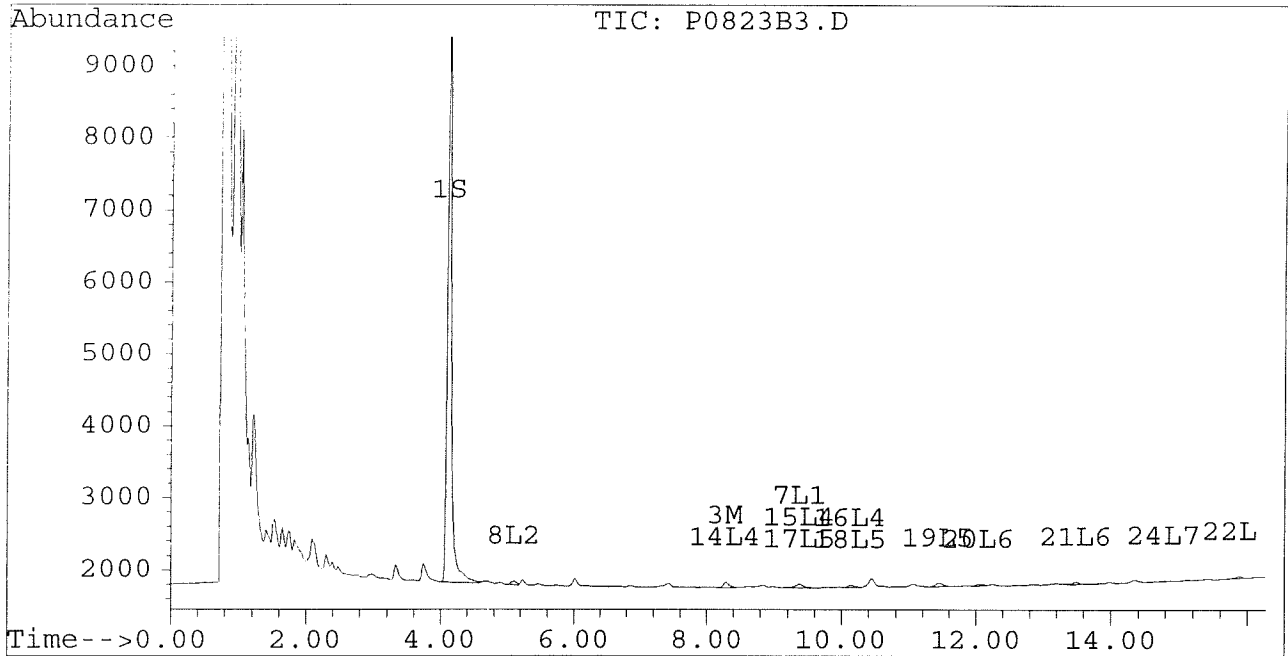
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0823B3.D  
Signal #2 : D:\HPCHEM\5\AU29\P0823B3.D\CONFIRM.D  
Acq On : 31 Aug 96 01:10 AM  
Sample : SOIL METHOD BLANK P0828-B3  
Misc : 30.0G 10ML PCB ANALYSIS  
Quant Time: Aug 31 1:44 1996

Vial: 57  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Thu Sep 05 11:41:08 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

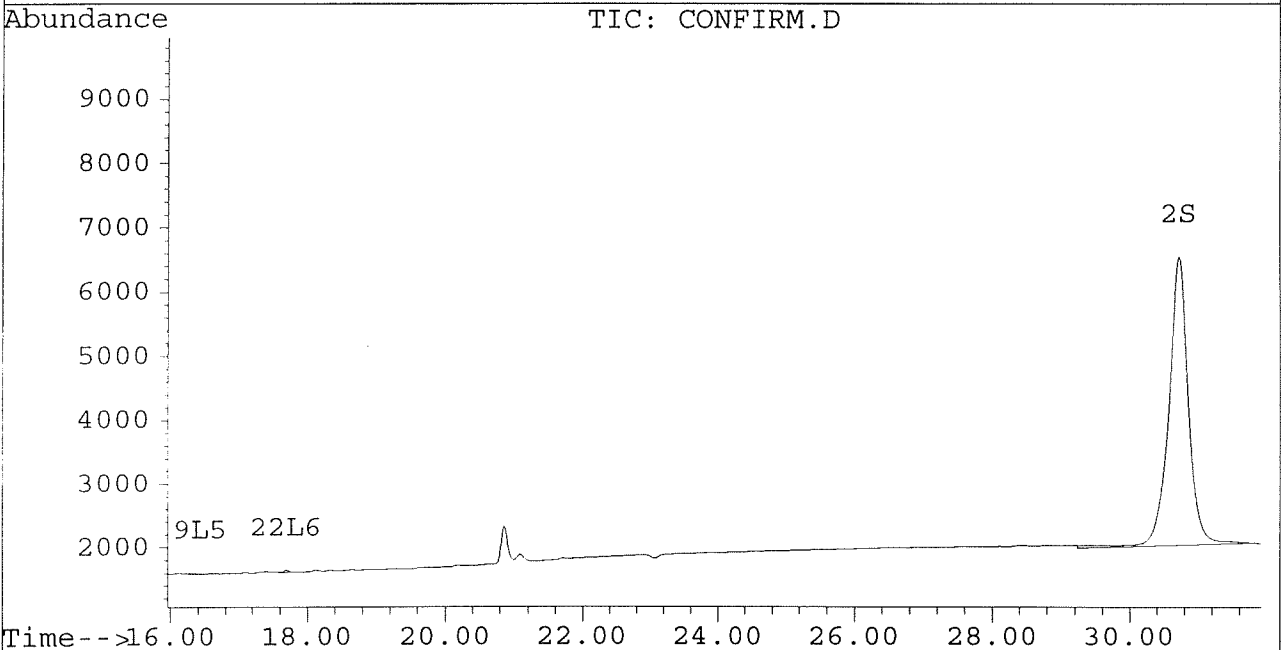
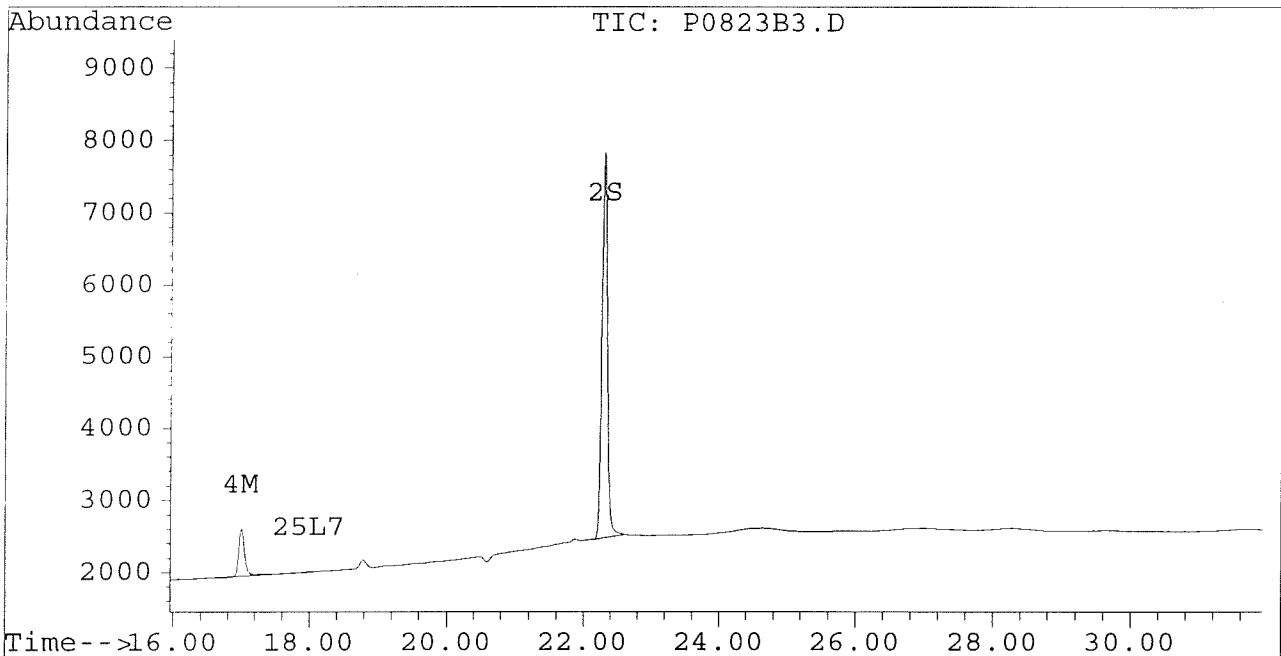
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Signal #2 : D:\HPCHEM\5\AU29\P0823B3.D\CONFIRM.D  
Acq On : 31 Aug 96 01:10 AM  
Sample : SOIL METHOD BLANK P0828-B3  
Misc : 30.0G 10ML PCB ANALYSIS  
Quant Time: Aug 31 1:44 1996

Vial: 57

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Thu Sep 05 11:41:08 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0823L3.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0823L3.D\CONFIRM.D  
 Acq On : 31 Aug 96 01:46 AM  
 Sample : SOIL LCS P0828-LCS3  
 Misc : 30.0G/10ML PCB ANALYSIS  
 Quant Time: Aug 31 2:20 1996

Vial: 58  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Thu Sep 05 11:41:08 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	8041	6542	0.034	0.034
			Recovery	=	85.00%	85.00%
2) S Decachlorobiphenyl	22.30	30.72	5075	2205	0.024	0.025
			Recovery	=	60.00%	62.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.79	78963	72691	0.721	0.759
4) M 2,2',3,3',4,4'-Hexa	16.99	21.71	131207	117662	0.702	0.750
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.38	0.00	47	0	0.002	N.D. #
Total Aroclor-1016			47	0	0.002	N.D.
Average Aroclor-1016					0.002	0.000
8) L2 Aroclor-1221	5.12	8.11	174	119	0.025	0.019
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			174	119	0.025	0.019
Average Aroclor-1221					0.025	0.019
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.28	11.79	78963	72691	1.907	2.439 #
15) L4 Aroclor-1242 {2}	9.38	0.00	47	0	0.002	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			79009	72691	1.909	2.439
Average Aroclor-1242					0.955	2.439
17) L5 Aroclor-1248	9.38	15.09	47	22	0.001	0.001 #
18) L5 Aroclor-1248 {2}	0.00	15.31	0	70	N.D.	0.003 #
19) L5 Aroclor-1248 {3}	11.48f	16.31	70	31	0.002	0.002
Total Aroclor-1248			117	123	0.003	0.006
Average Aroclor-1248					0.002	0.002

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0823L3.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0823L3.D\CONFIRM.D  
 Acq On : 31 Aug 96 01:46 AM  
 Sample : SOIL LCS P0828-LCS3  
 Misc : 30.0G/10ML PCB ANALYSIS  
 Quant Time: Aug 31 2:20 1996

Vial: 58  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Thu Sep 05 11:41:08 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.60	0	17	N.D.	0.001 #
21) L6 Aroclor-1254 {2}	13.49	15.84	42	28	0.001	0.001
22) L6 Aroclor-1254 {3}	15.88	0.00	47	0	0.001	N.D. #
Total Aroclor-1254			89	45	0.002	0.002
Average Aroclor-1254					0.001	0.001
23) L7 Aroclor-1260	13.97	18.33	438	20	0.013	0.001 #
24) L7 Aroclor-1260 {2}	14.77	0.00	33	0	0.001	N.D. #
25) L7 Aroclor-1260 {3}	17.98	0.00	43	0	0.001	N.D. #
Total Aroclor-1260			513	20	0.014	0.001
Average Aroclor-1260					0.005	0.001
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.13f	0	35	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

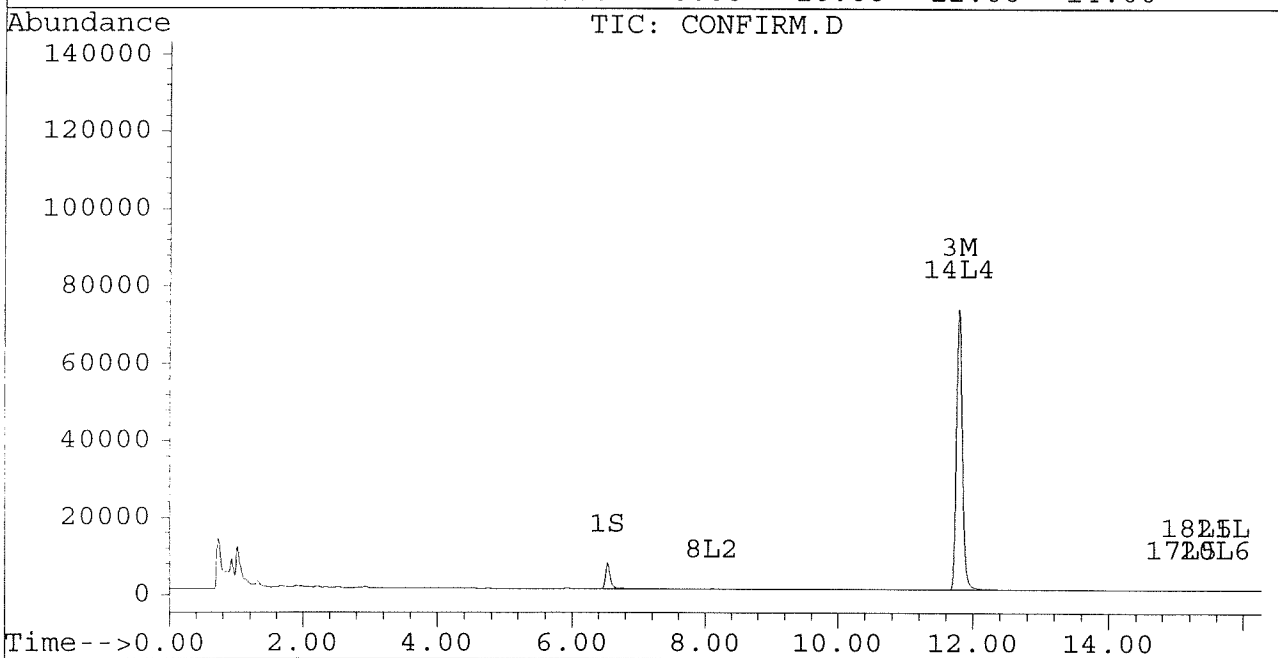
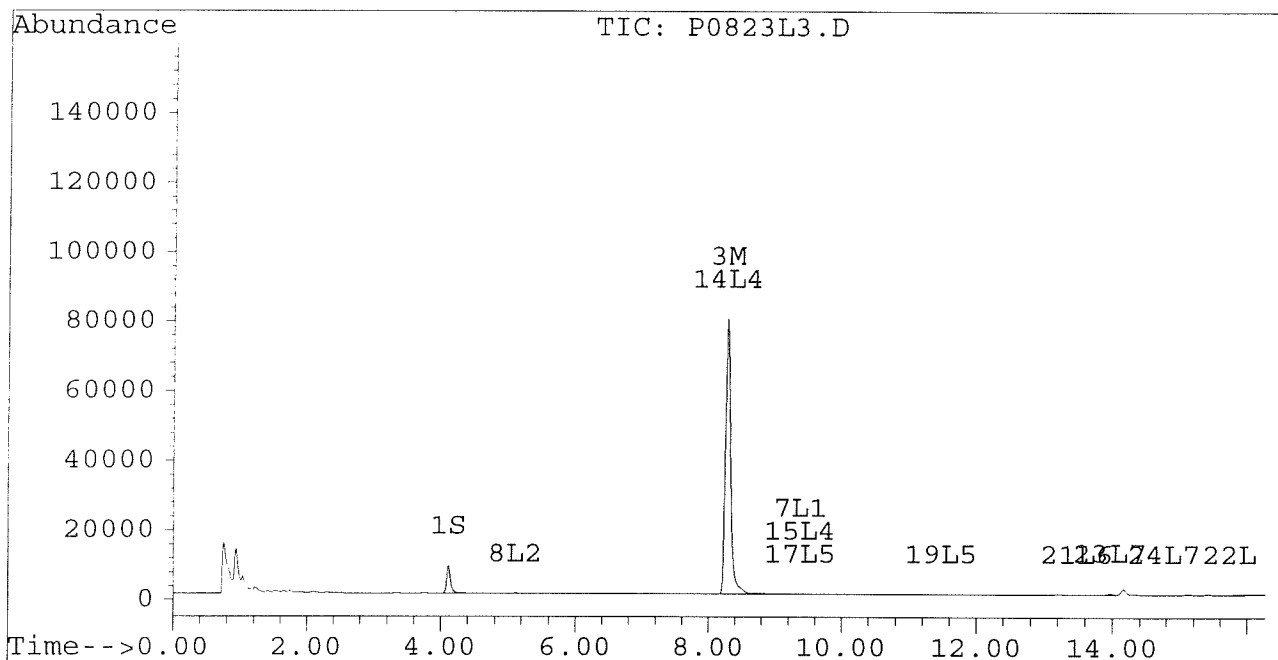
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0823L3.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0823L3.D\CONFIRM.D  
 Acq On : 31 Aug 96 01:46 AM  
 Sample : SOIL LCS P0828-LCS3  
 Misc : 30.0G/10ML PCB ANALYSIS  
 Quant Time: Aug 31 2:20 1996

Vial: 58  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Thu Sep 05 11:41:08 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM



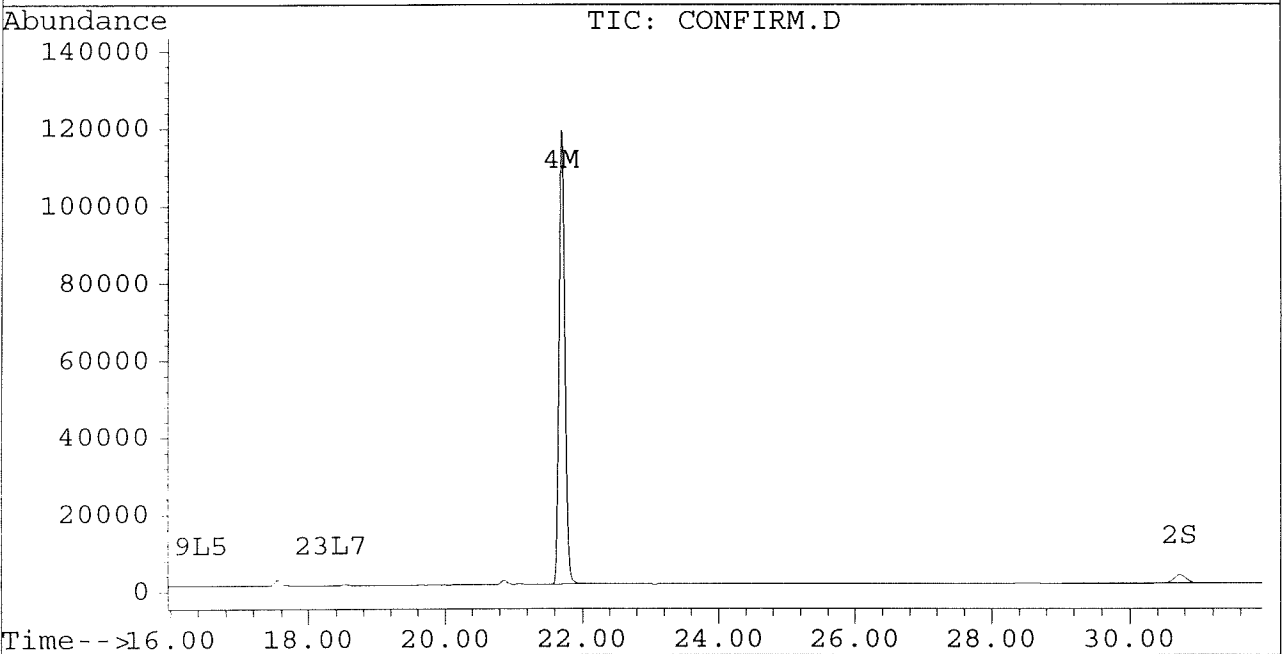
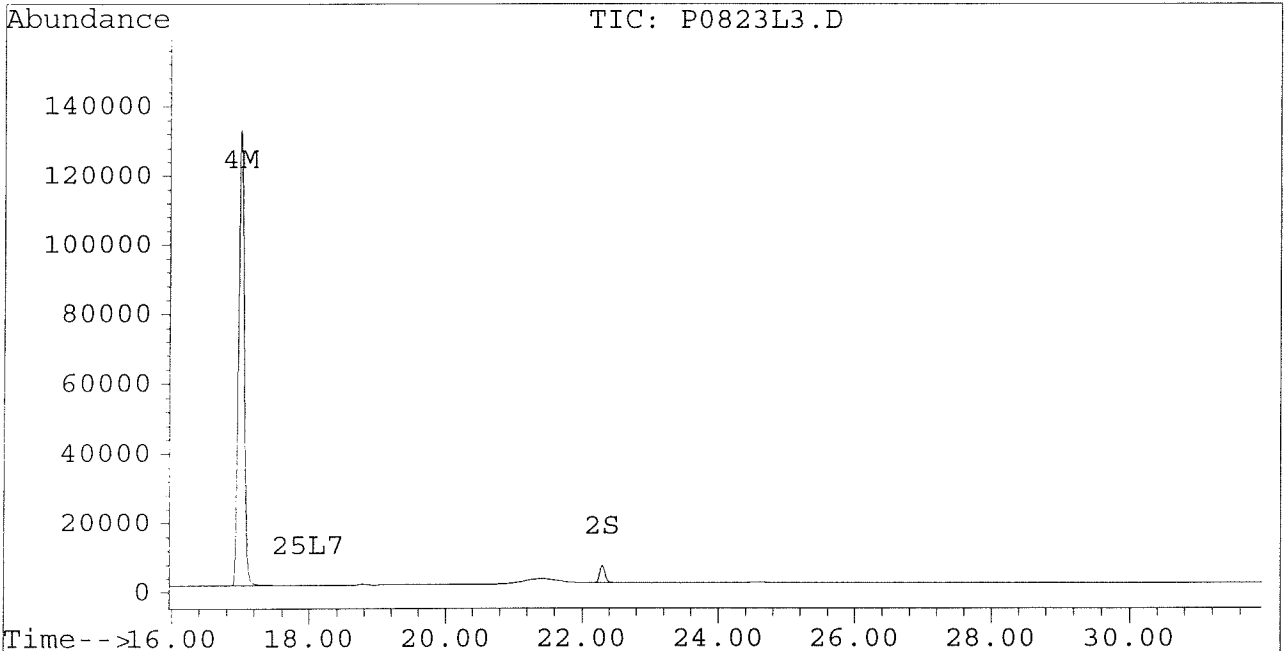
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0823L3.D  
Signal #2 : D:\HPCHEM\5\AU29\P0823L3.D\CONFIRM.D  
Acq On : 31 Aug 96 01:46 AM  
Sample : SOIL LCS P0828-LCS3  
Misc : 30.0G/10ML PCB ANALYSIS  
Quant Time: Aug 31 2:20 1996

Vial: 58  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Thu Sep 05 11:41:08 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-96M.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-96M.D\CONFIRM.D  
 Acq On : 02 Sep 96 02:23 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 14:56 1996

Vial: 24  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	755	686	0.003	0.004
			Recovery	=	7.50%	10.00%
2) S Decachlorobiphenyl	22.29	30.72	1021	384	0.005	0.004
			Recovery	=	12.50%	10.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	67911	54623	0.620	0.570
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	39674	33877	0.212	0.216
5) L1 Aroclor-1016	6.85	8.90	8701	1673	0.272	0.124 #
6) L1 Aroclor-1016 {2}	8.98	10.43	16177	7994	0.922	0.286 #
7) L1 Aroclor-1016 {3}	9.38	12.36	28501	5365	1.099	0.311 #
Total Aroclor-1016			53379	15032	2.293	0.722
Average Aroclor-1016					0.764	0.241
8) L2 Aroclor-1221	5.13	8.12	197	907	0.028	0.148 #
9) L2 Aroclor-1221 {2}	5.55	8.67	434	1624	0.074	0.333 #
10) L2 Aroclor-1221 {3}	5.72	8.90	3661	1673	0.181	0.109 #
Total Aroclor-1221			4293	4204	0.284	0.590
Average Aroclor-1221					0.095	0.197
11) L3 Aroclor-1232	5.72	8.90	3661	1673	0.201	0.117 #
12) L3 Aroclor-1232 {2}	6.85	10.43	8701	7994	0.638	0.665
13) L3 Aroclor-1232 {3}	8.66	12.36	6729	5365	0.813	0.774
Total Aroclor-1232			19091	15032	1.651	1.556
Average Aroclor-1232					0.550	0.519
14) L4 Aroclor-1242	8.27	11.78	67911	54623	1.640	1.833
15) L4 Aroclor-1242 {2}	9.38	12.36	28501	5365	1.465	0.406 #
16) L4 Aroclor-1242 {3}	10.13	14.13	26187	20376	1.550	1.532
Total Aroclor-1242			122598	80364	4.655	3.770
Average Aroclor-1242					1.552	1.257
17) L5 Aroclor-1248	9.38	15.08	28501	15269	0.896	0.678
18) L5 Aroclor-1248 {2}	10.13	15.30	26187	16320	0.956	0.699 #
19) L5 Aroclor-1248 {3}	11.43	16.31	27583	9774	0.793	0.547 #
Total Aroclor-1248			82270	41363	2.644	1.924
Average Aroclor-1248					0.881	0.641

Handwritten notes and calculations:  
 $(0.62 - 0.433) \times 10 = 1.867$   
 $10 \times (0.212 - 0.216) = 0.4$   
 Circled values: 0.003, 0.005, 0.620, 0.212

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-96M.D Vial: 24  
 Signal #2 : D:\HPCHEM\5\AU29\C845-96M.D\CONFIRM.D  
 Acq On : 02 Sep 96 02:23 PM Operator: JS  
 Sample : VHB/ 1:10 DILUTION Inst : ECD1  
 Misc : Multiplr: 1.00  
 Quant Time: Sep 2 14:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	16249	14965	0.520	0.554
21) L6 Aroclor-1254 {2}	13.48	15.83	24649	15959	0.571	0.548
22) L6 Aroclor-1254 {3}	15.87	17.69	17695	22454	0.551	0.564
Total Aroclor-1254			58593	53378	1.642	1.666
Average Aroclor-1254					0.547	0.555
23) L7 Aroclor-1260	13.97	18.32	11676	7891	0.336	0.247 #
24) L7 Aroclor-1260 {2}	14.76	18.64	9773	9168	0.240	0.255
25) L7 Aroclor-1260 {3}	17.97	22.06	4594	2604	0.079	0.049 #
Total Aroclor-1260			26044	19662	0.656	0.550
Average Aroclor-1260					0.219	0.183
26) L8 Aroclor-1268	0.00	23.32	0	362	N.D.	0.084 #
27) L8 Aroclor-1268 {2}	0.00	23.57f	0	721	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	28.13	0	136	N.D.	NoCal
Total Aroclor-1268			0	362	N.D.	0.084
Average Aroclor-1268					0.000	0.084

Quantitation Report

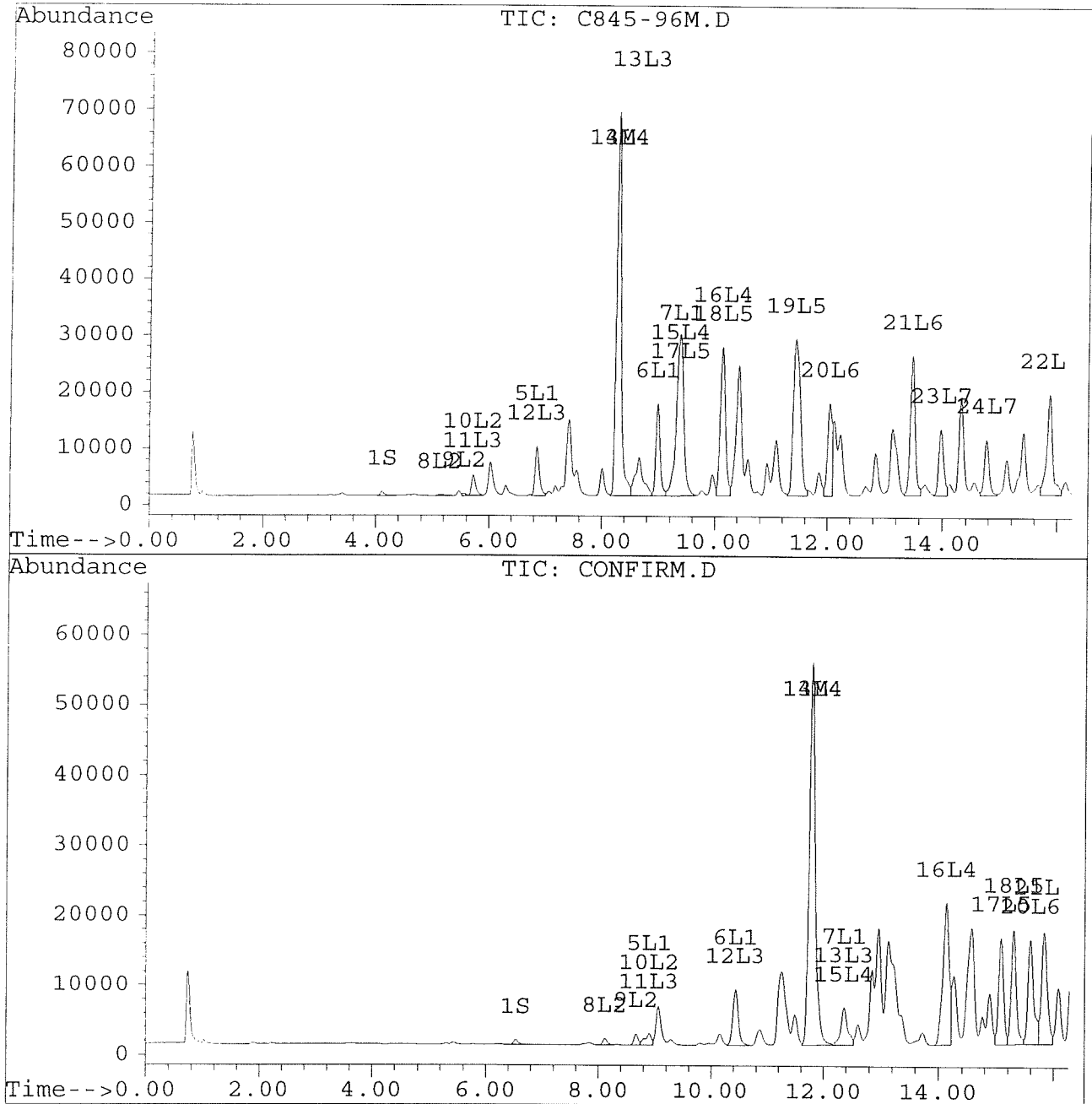
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Signal #2 : D:\HPCHEM\5\AU29\C845-96M.D\CONFIRM.D  
Acq On : 02 Sep 96 02:23 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 14:56 1996

Vial: 24  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



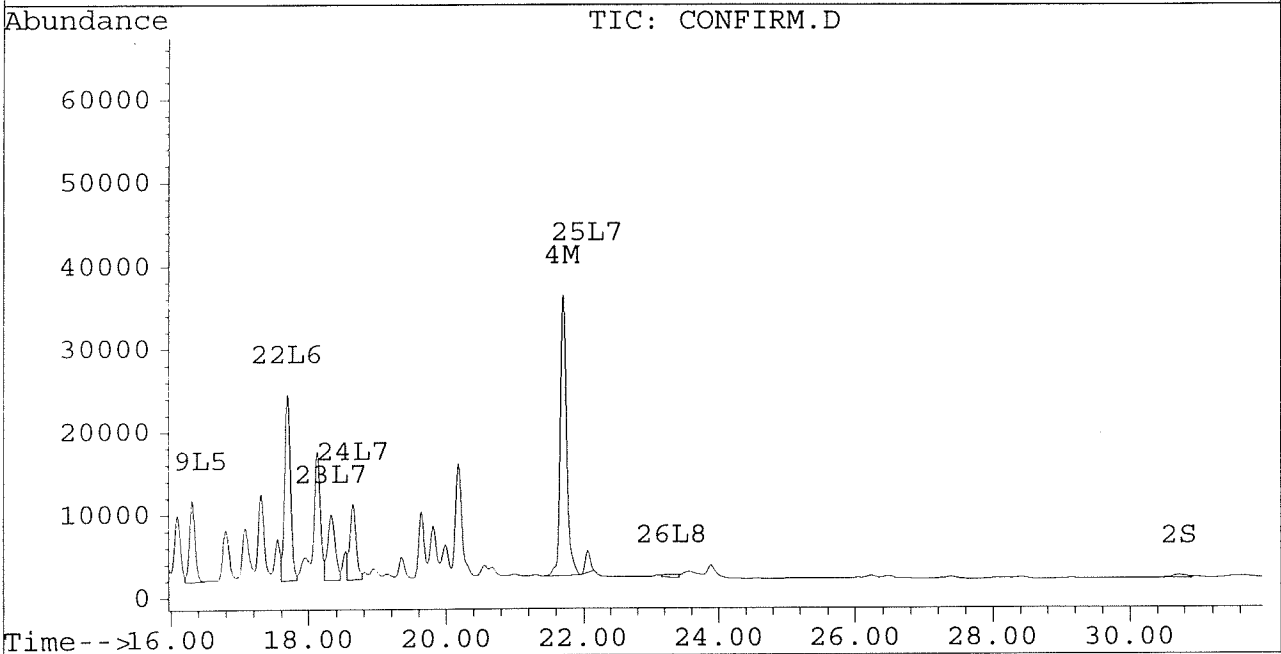
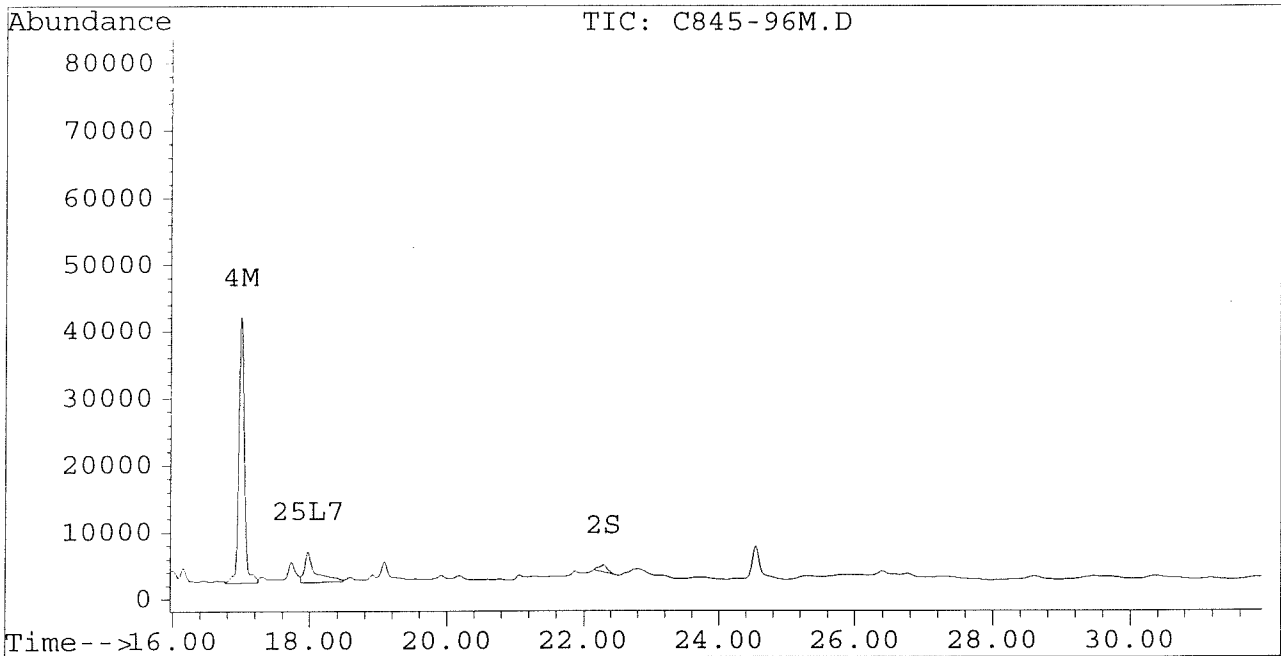
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-96M.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-96M.D\CONFIRM.D  
Acq On : 02 Sep 96 02:23 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 14:56 1996

Vial: 24  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-96D.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-96D.D\CONFIRM.D  
 Acq On : 02 Sep 96 02:58 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 15:32 1996

Vial: 25  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	813	717	0.003	0.004
			Recovery	=	7.50%	10.00%
2) S Decachlorobiphenyl	22.29	30.73	773	449	0.004	0.005 #
			Recovery	=	10.00%	12.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.78	46993	35358	0.429	0.369
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	5224	3492	0.028	0.022
5) L1 Aroclor-1016	6.85	8.90	7427	1794	0.232	0.133 #
6) L1 Aroclor-1016 {2}	8.98	10.43	14899	6729	0.849	0.241 #
7) L1 Aroclor-1016 {3}	9.38	12.36	25066	4840	0.967	0.280 #
Total Aroclor-1016			47392	13363	2.048	0.655
Average Aroclor-1016					0.683	0.218
8) L2 Aroclor-1221	5.13	8.12	205	949	0.029	0.155 #
9) L2 Aroclor-1221 {2}	5.55	8.67	463	1488	0.079	0.305 #
10) L2 Aroclor-1221 {3}	5.72	8.90	3609	1794	0.179	0.117 #
Total Aroclor-1221			4276	4231	0.287	0.577
Average Aroclor-1221					0.096	0.192
11) L3 Aroclor-1232	5.72	8.90	3609	1794	0.198	0.125 #
12) L3 Aroclor-1232 {2}	6.85	10.43	7427	6729	0.544	0.560
13) L3 Aroclor-1232 {3}	8.66	12.36	6009	4840	0.726	0.698
Total Aroclor-1232			17046	13363	1.468	1.383
Average Aroclor-1232					0.489	0.461
14) L4 Aroclor-1242	8.27	11.78	46993	35358	1.135	1.186
15) L4 Aroclor-1242 {2}	9.38	12.36	25066	4840	1.288	0.366 #
16) L4 Aroclor-1242 {3}	10.13	14.13	23479	17891	1.390	1.345
Total Aroclor-1242			95537	58090	3.813	2.897
Average Aroclor-1242					1.271	0.966
17) L5 Aroclor-1248	9.38	15.08	25066	13320	0.788	0.591
18) L5 Aroclor-1248 {2}	10.13	15.30	23479	14350	0.857	0.615 #
19) L5 Aroclor-1248 {3}	11.43	16.30	23575	8421	0.678	0.472 #
Total Aroclor-1248			72119	36091	2.322	1.678
Average Aroclor-1248					0.774	0.559

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-96D.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-96D.D\CONFIRM.D  
 Acq On : 02 Sep 96 02:58 PM  
 Sample : VHB/ 1:10 DILUTION  
 Misc :  
 Quant Time: Sep 2 15:32 1996

Vial: 25  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	13917	12663	0.446	0.469
21) L6 Aroclor-1254 {2}	13.48	15.83	21452	13730	0.497	0.472
22) L6 Aroclor-1254 {3}	15.87	17.69	15798	18425	0.492	0.463
Total Aroclor-1254			51167	44818	1.434	1.403
Average Aroclor-1254					0.478	0.468
23) L7 Aroclor-1260	13.97	18.32	10224	6940	0.295	0.217 #
24) L7 Aroclor-1260 {2}	14.76	18.64	8588	8169	0.211	0.227
25) L7 Aroclor-1260 {3}	17.97	22.06	3892	2494	0.067	0.047 #
Total Aroclor-1260			22704	17602	0.573	0.491
Average Aroclor-1260					0.191	0.164
26) L8 Aroclor-1268	0.00	23.33	0	1498	N.D.	0.349 #
27) L8 Aroclor-1268 {2}	0.00	23.50	0	986	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	28.11	0	205	N.D.	NoCal
Total Aroclor-1268			0	1498	N.D.	0.349
Average Aroclor-1268					0.000	0.349

Quantitation Report

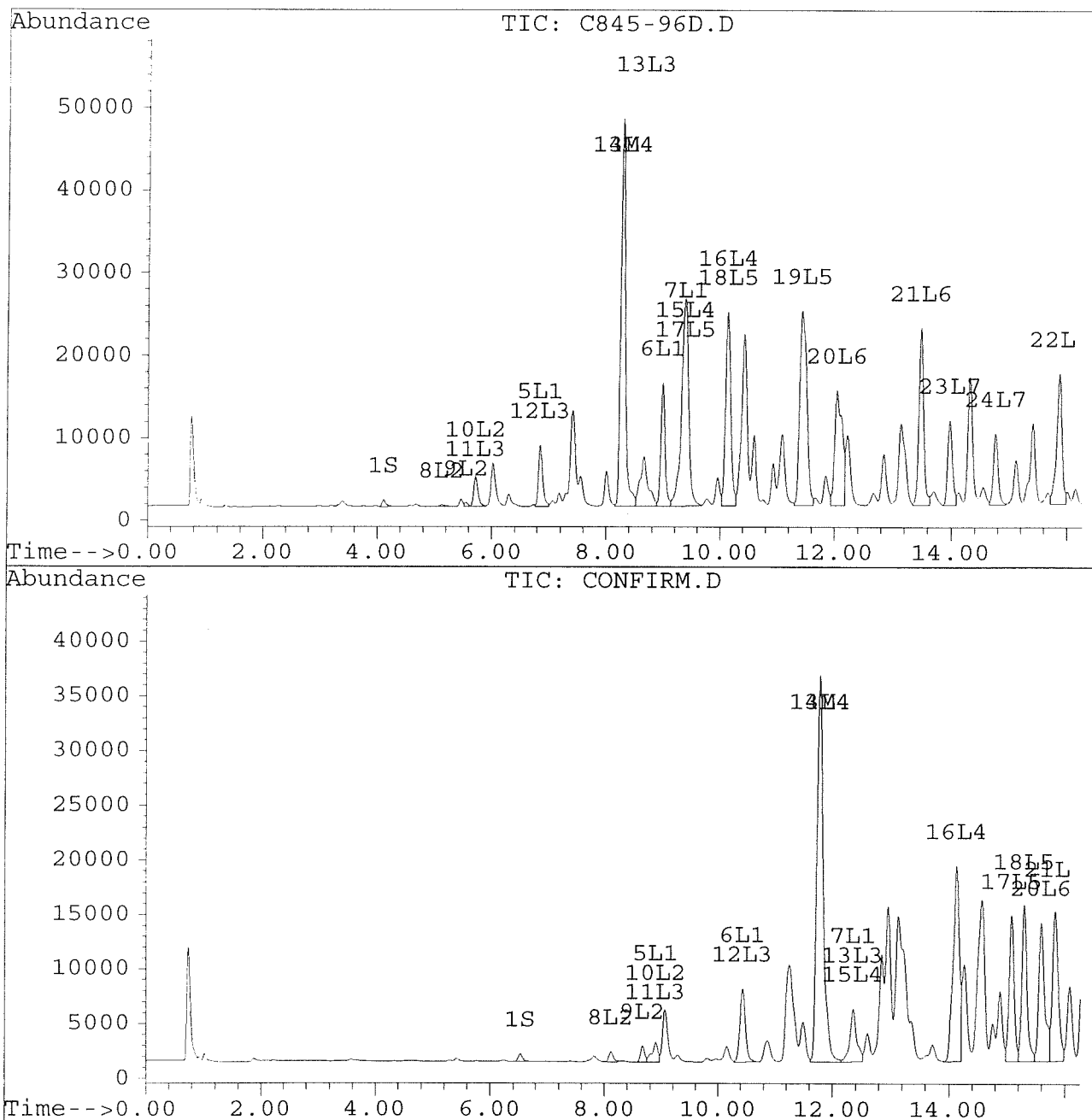
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Signal #2 : D:\HPCHEM\5\AU29\C845-96D.D\CONFIRM.D  
Acq On : 02 Sep 96 02:58 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 15:32 1996

Vial: 25  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-96D.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-96D.D\CONFIRM.D  
Acq On : 02 Sep 96 02:58 PM  
Sample : VHB/ 1:10 DILUTION  
Misc :  
Quant Time: Sep 2 15:32 1996

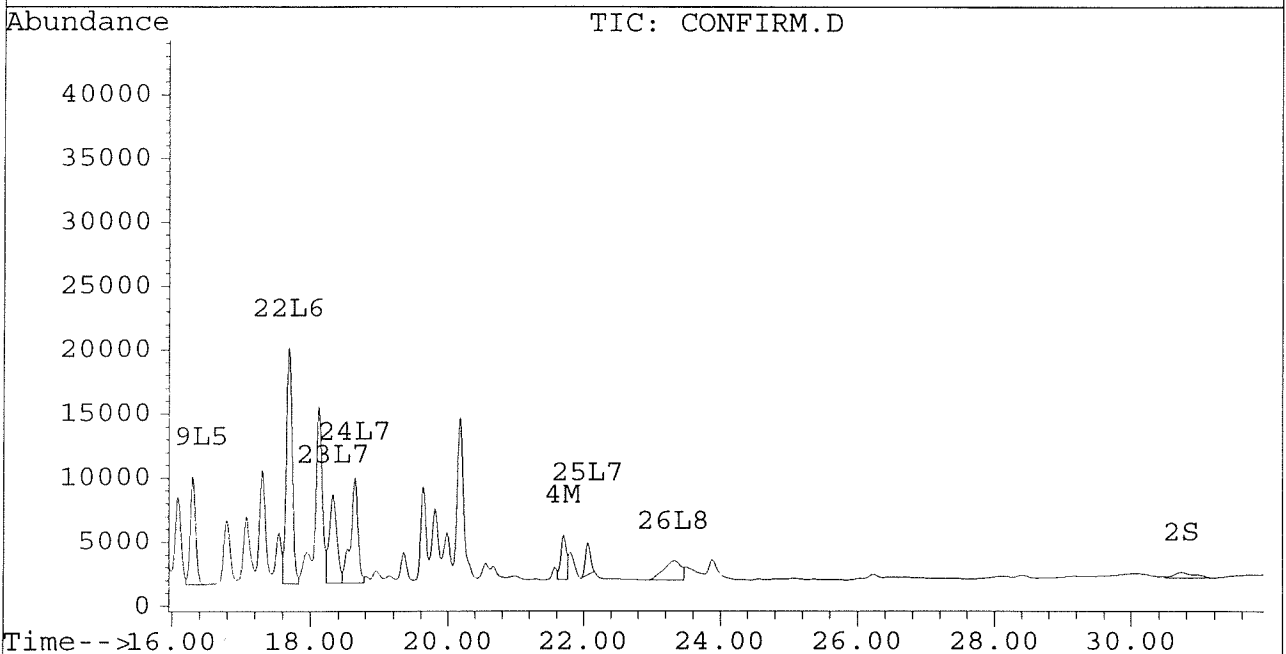
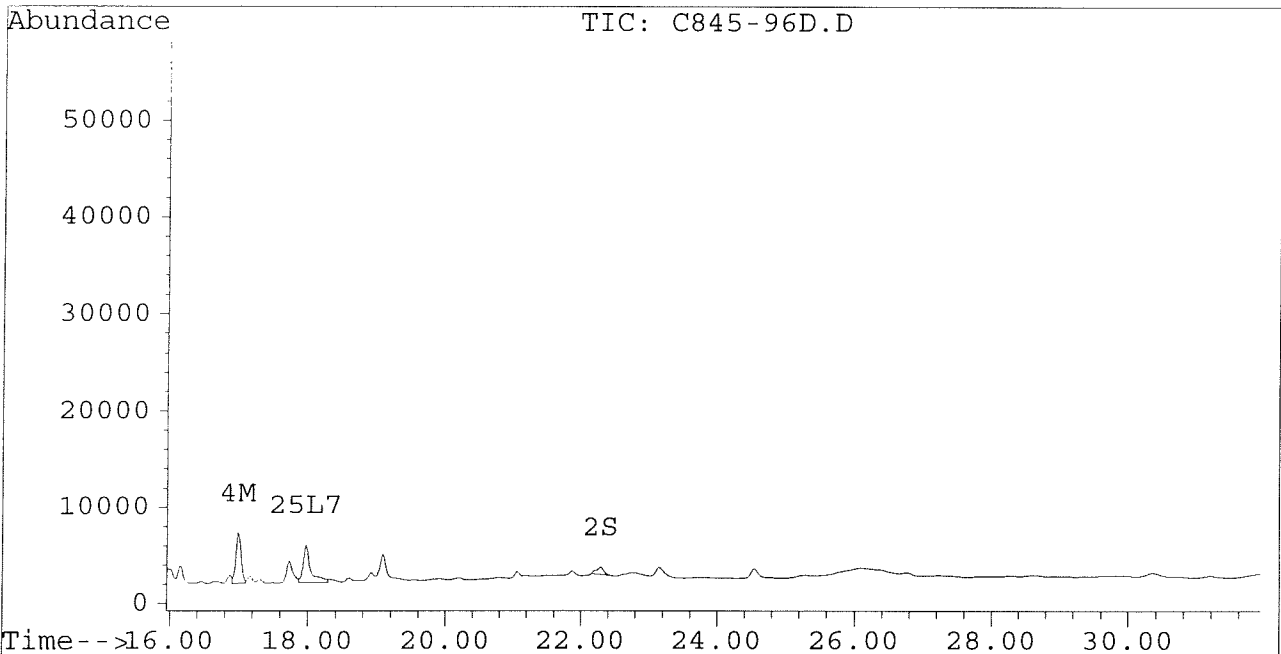
Vial: 25

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-80.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-80.D\CONFIRM.D  
 Acq On : 31 Aug 96 02:13 PM  
 Sample : VHB/ DEQAQCM1  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 14:47 1996

Vial: 75  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	3567	2876	0.015	0.015
			Recovery	=	37.50%	37.50%
2) S Decachlorobiphenyl	22.29	30.71	1709	774	0.008	0.009
			Recovery	=	20.00%	22.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	16.99	0.00	1215	0	0.006	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	9.02	0.00	23	0	0.001	N.D. #
7) L1 Aroclor-1016 {3}	9.40	0.00	608	0	0.023	N.D. #
Total Aroclor-1016			631	0	0.025	N.D.
Average Aroclor-1016					0.012	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.70	0.00	53	0	0.003	N.D. #
Total Aroclor-1221			53	0	0.003	N.D.
Average Aroclor-1221					0.003	0.000
11) L3 Aroclor-1232	5.70	0.00	53	0	0.003	N.D. #
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.63f	0.00	29	0	0.003	N.D. #
Total Aroclor-1232			82	0	0.006	N.D.
Average Aroclor-1232					0.003	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	9.40	0.00	608	0	0.031	N.D. #
16) L4 Aroclor-1242 {3}	0.00	14.11	0	34	N.D.	0.003 #
Total Aroclor-1242			608	34	0.031	0.003
Average Aroclor-1242					0.031	0.003
17) L5 Aroclor-1248	9.40	0.00	608	0	0.019	N.D. #
18) L5 Aroclor-1248 {2}	0.00	15.32	0	400	N.D.	0.017 #
19) L5 Aroclor-1248 {3}	11.48	0.00	183	0	0.005	N.D. #
Total Aroclor-1248			791	400	0.024	0.017
Average Aroclor-1248					0.012	0.017

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 C845-80.D PCB1G.M Sat Aug 31 14:47:50 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-80.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-80.D\CONFIRM.D  
 Acq On : 31 Aug 96 02:13 PM  
 Sample : VHB/ DEQAQCM1  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 14:47 1996

Vial: 75  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	13.47	0.00	56	0	0.001	N.D. #
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			56	0	0.001	N.D.
Average Aroclor-1254					0.001	0.000
23) L7 Aroclor-1260	13.98	18.34	18	62	0.001	0.002 #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			18	62	0.001	0.002
Average Aroclor-1260					0.001	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	93	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

K

Quantitation Report

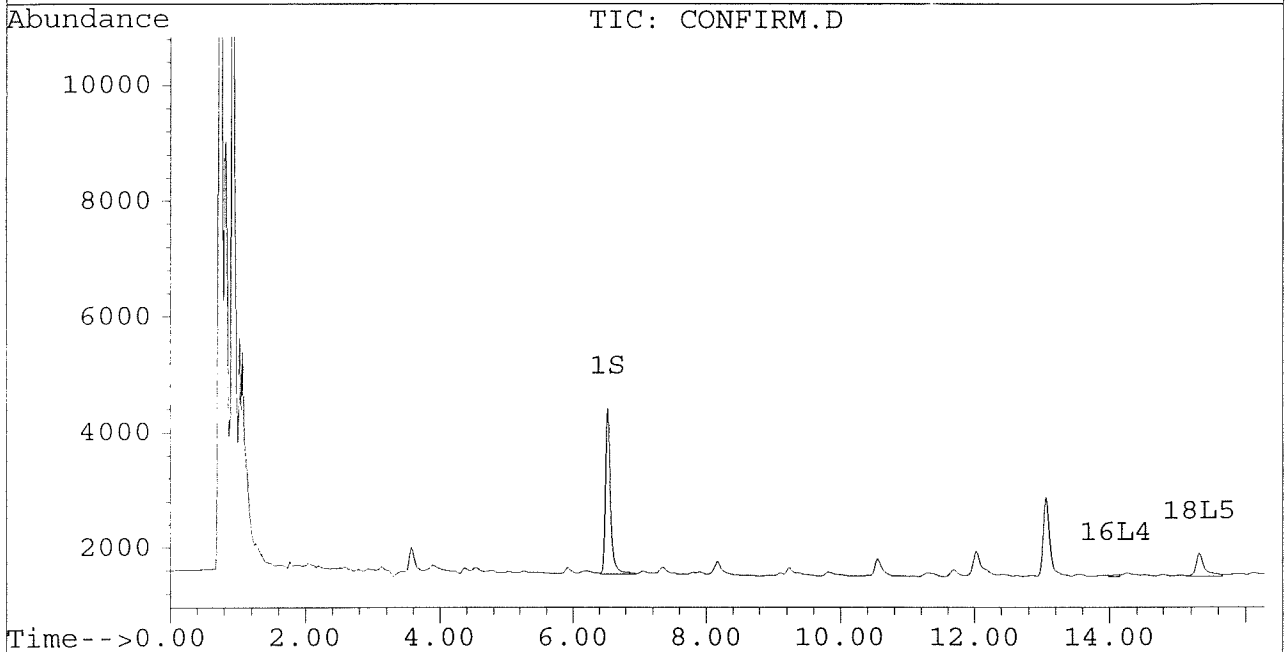
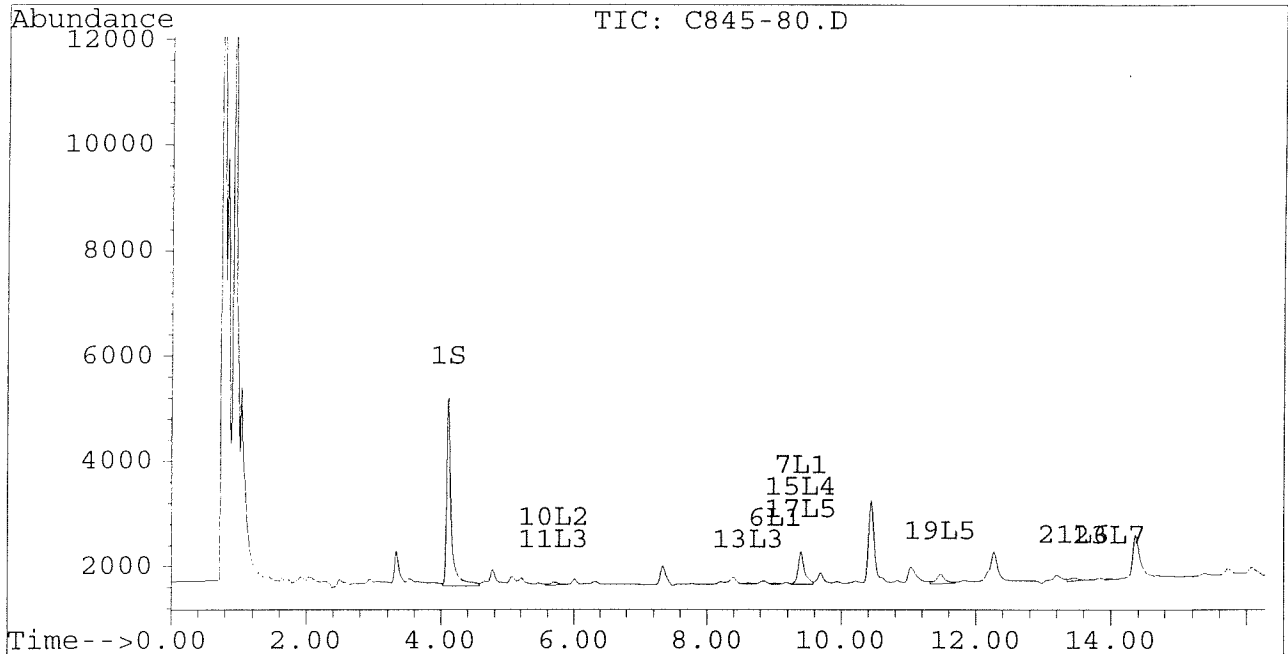
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Signal #2 : D:\HPCHEM\5\AU29\C845-80.D\CONFIRM.D  
Acq On : 31 Aug 96 02:13 PM  
Sample : VHB/ DEQAQCM1  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 14:47 1996

Vial: 75  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



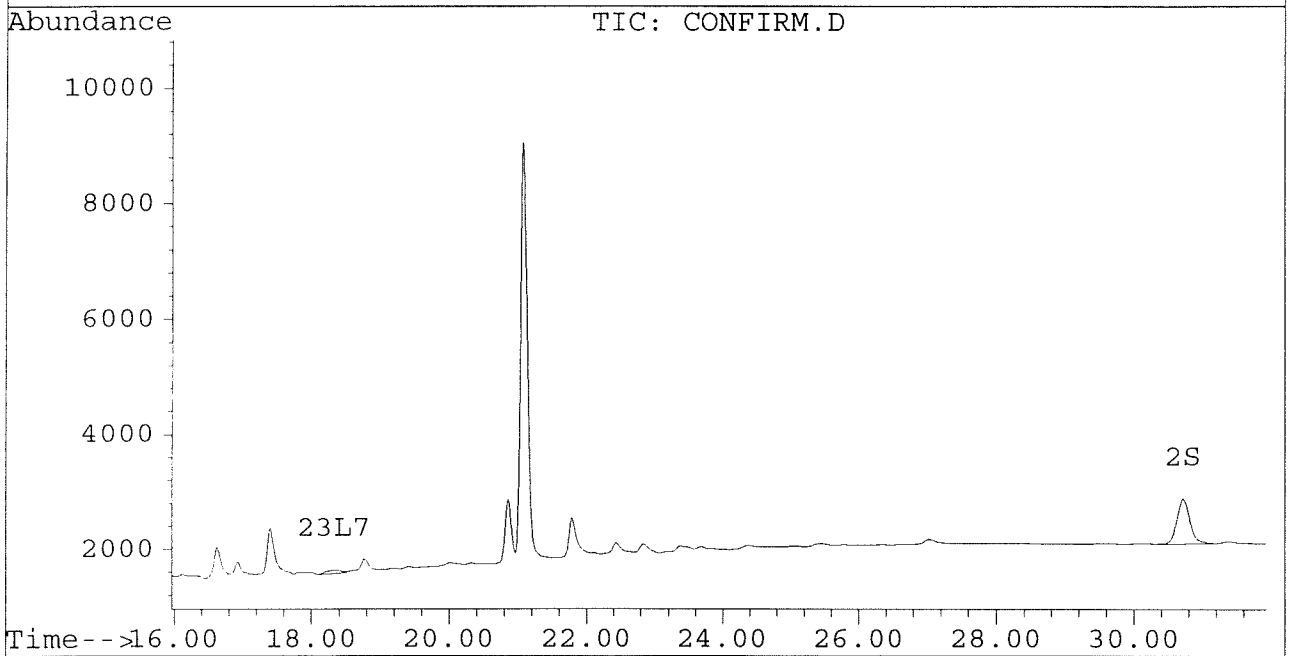
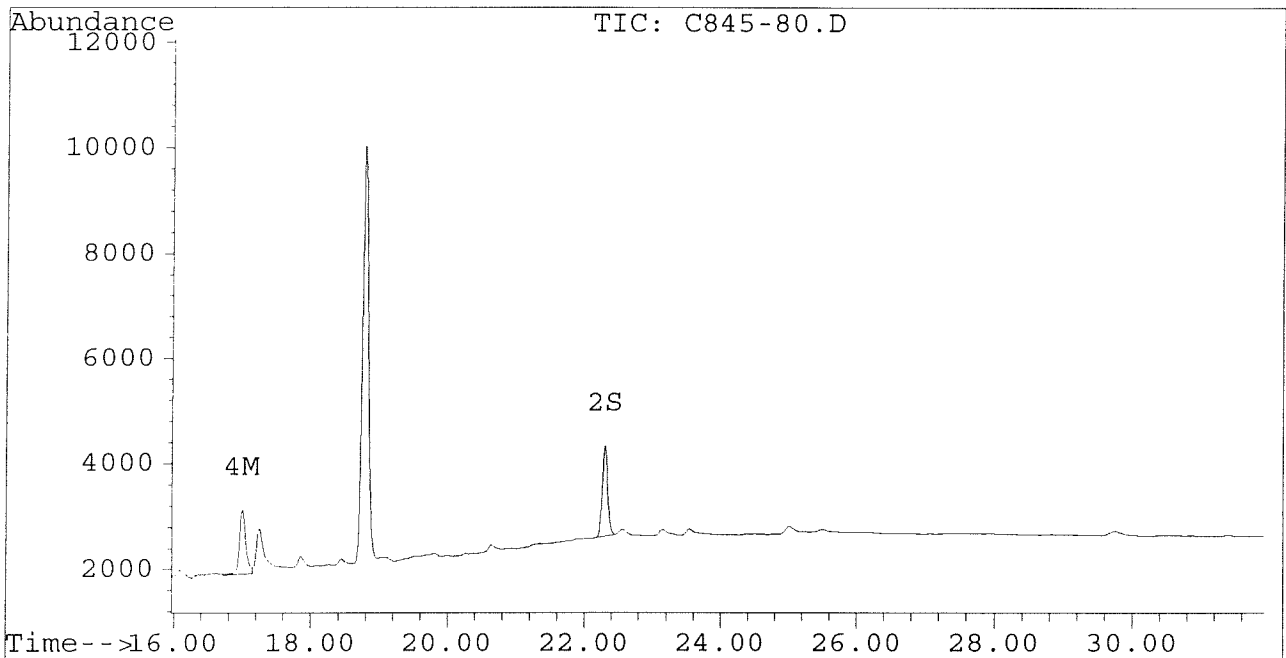
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-80.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-80.D\CONFIRM.D  
Acq On : 31 Aug 96 02:13 PM  
Sample : VHB/ DEQAQCM1  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 14:47 1996

Vial: 75  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-81.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-81.D\CONFIRM.D  
 Acq On : 31 Aug 96 02:49 PM  
 Sample : VHB/ DEQAQCQ2  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 15:23 1996

Vial: 76

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	3971	3199	0.017	0.017
			Recovery	=	42.50% <sup>85</sup>	42.50%
2) S Decachlorobiphenyl	22.30	30.71	2114	928	0.010	0.010
			Recovery	=	25.00% <sup>50</sup>	25.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	16.99	0.00	2533	0	0.014	N.D. #
5) L1 Aroclor-1016	0.00	8.92	0	121	N.D.	0.009 #
6) L1 Aroclor-1016 {2}	9.00	10.41	27	121	0.002	0.004 #
7) L1 Aroclor-1016 {3}	9.40	12.42f	591	19	0.023	0.001 #
Total Aroclor-1016			618	260	0.024	0.014
Average Aroclor-1016					0.012	0.005
8) L2 Aroclor-1221	0.00	8.16f	0	62	N.D.	0.010 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.92	0	121	N.D.	0.008 #
Total Aroclor-1221			0	183	N.D.	0.018
Average Aroclor-1221					0.000	0.009
11) L3 Aroclor-1232	0.00	8.92	0	121	N.D.	0.008 #
12) L3 Aroclor-1232 {2}	0.00	10.41	0	121	N.D.	0.010 #
13) L3 Aroclor-1232 {3}	8.62f	12.42f	36	19	0.004	0.003 #
Total Aroclor-1232			36	260	0.004	0.021
Average Aroclor-1232					0.004	0.007
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	9.40	12.42f	591	19	0.030	0.001 #
16) L4 Aroclor-1242 {3}	10.14	14.11	35	38	0.002	0.003 #
Total Aroclor-1242			625	57	0.032	0.004
Average Aroclor-1242					0.016	0.002
17) L5 Aroclor-1248	9.40	0.00	591	0	0.019	N.D. #
18) L5 Aroclor-1248 {2}	10.14	15.32	35	154	0.001	0.007 #
19) L5 Aroclor-1248 {3}	11.48	0.00	147	0	0.004	N.D. #
Total Aroclor-1248			772	154	0.024	0.007
Average Aroclor-1248					0.008	0.007 <sup>h</sup>

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-81.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-81.D\CONFIRM.D  
 Acq On : 31 Aug 96 02:49 PM  
 Sample : VHB/ DEQAQCQ2  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 15:23 1996

Vial: 76  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.59	0	18	N.D.	0.001 #
21) L6 Aroclor-1254 {2}	13.48	15.89f	19	23	0.000	0.001 #
22) L6 Aroclor-1254 {3}	0.00	17.69	0	18	N.D.	0.000 #
Total Aroclor-1254			19	59	0.000	0.002
Average Aroclor-1254					0.000	0.001
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

W

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

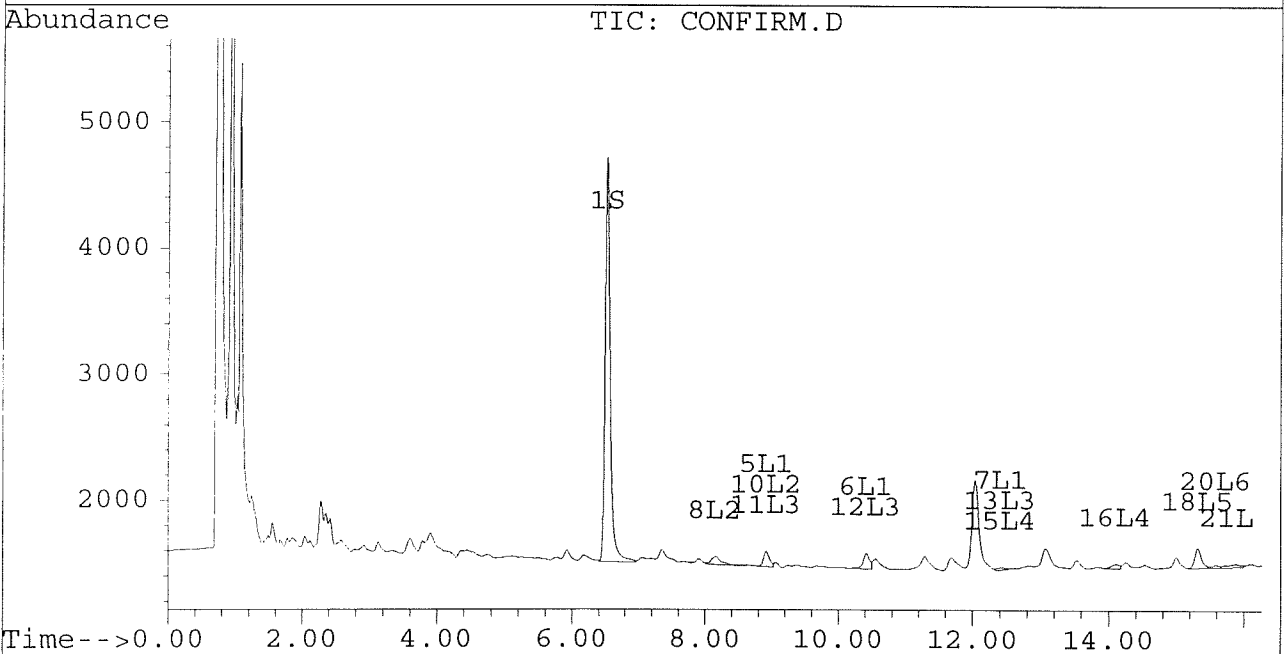
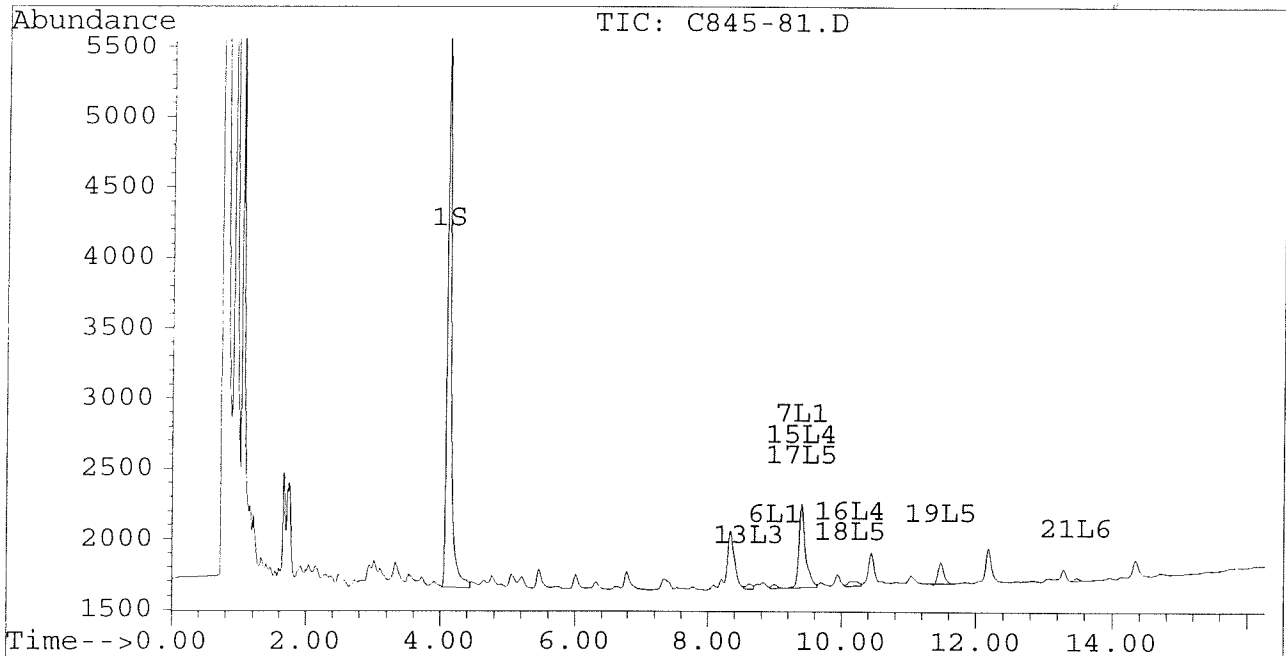
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-81.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-81.D\CONFIRM.D  
Acq On : 31 Aug 96 02:49 PM  
Sample : VHB/ DEQAQCQ2  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 15:23 1996

Vial: 76  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



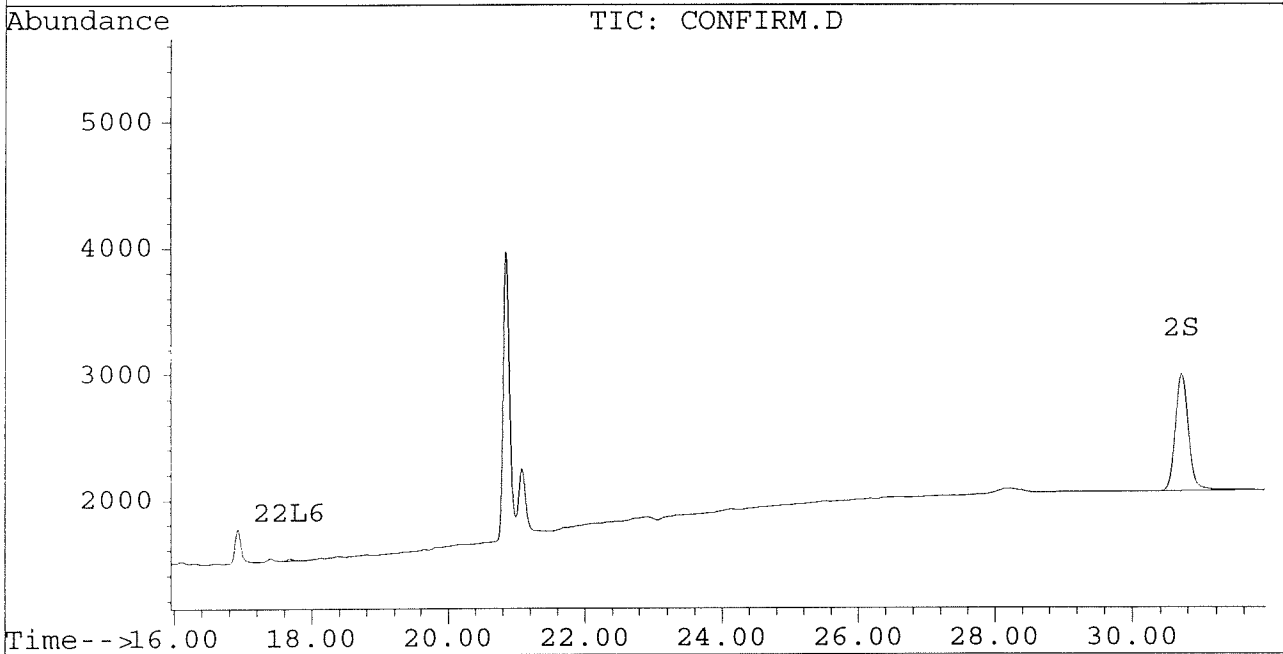
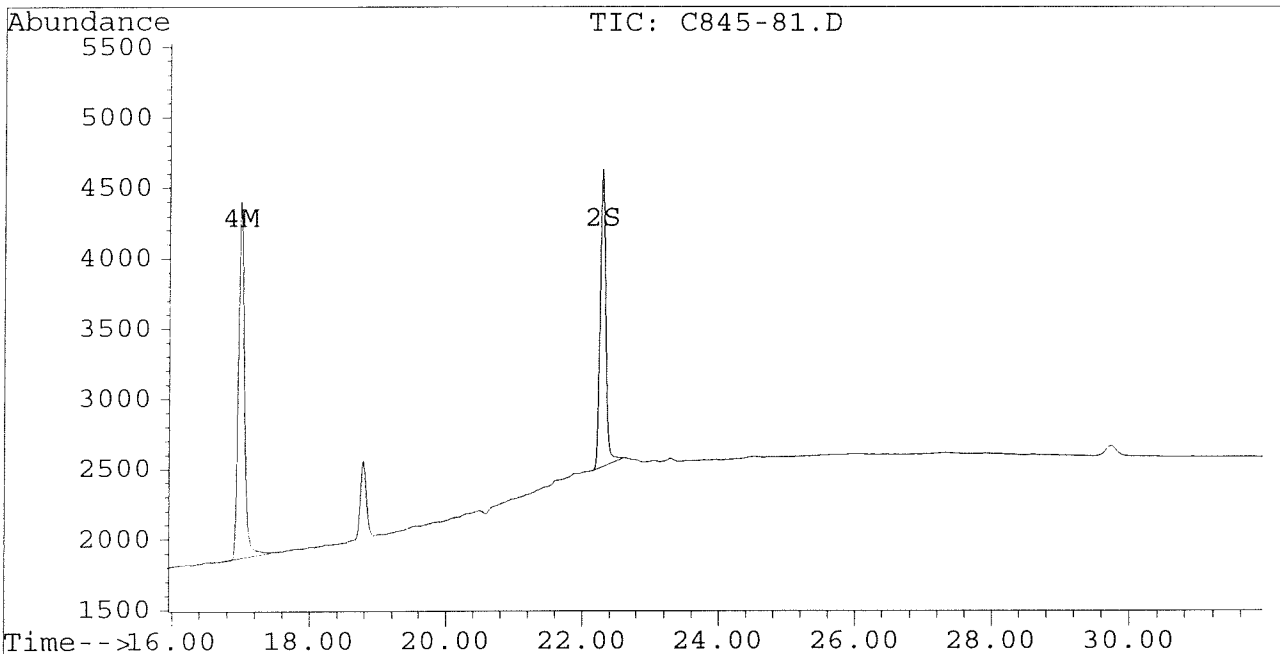
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-81.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-81.D\CONFIRM.D  
Acq On : 31 Aug 96 02:49 PM  
Sample : VHB/ DEQAQCQ2  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 15:23 1996

Vial: 76  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-82.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-82.D\CONFIRM.D  
 Acq On : 31 Aug 96 03:24 PM  
 Sample : VHB/ DEQAQCT2  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 15:58 1996

Vial: 77  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.10	6.53	3493	2788	0.015	0.015
			Recovery	=	37.50%	37.50%
2) S Decachlorobiphenyl	22.29	30.71	1093	487	0.005	0.006
			Recovery	=	12.50%	15.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	213	156	0.002	0.002
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	668	0	0.004	N.D. #
5) L1 Aroclor-1016	6.86	8.94f	34	70	0.001	0.005 #
6) L1 Aroclor-1016 {2}	8.99	10.44	52	29	0.003	0.001 #
7) L1 Aroclor-1016 {3}	9.40	0.00	502	0	0.019	N.D. #
Total Aroclor-1016			588	99	0.023	0.006
Average Aroclor-1016					0.008	0.003
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.94f	21	70	0.001	0.005 #
Total Aroclor-1221			21	70	0.001	0.005
Average Aroclor-1221					0.001	0.005
11) L3 Aroclor-1232	5.73	8.94f	21	70	0.001	0.005 #
12) L3 Aroclor-1232 {2}	6.86	10.44	34	29	0.002	0.002
13) L3 Aroclor-1232 {3}	8.63f	0.00	46	0	0.006	N.D. #
Total Aroclor-1232			100	99	0.009	0.007
Average Aroclor-1232					0.003	0.004
14) L4 Aroclor-1242	8.27	11.77	213	156	0.005	0.005
15) L4 Aroclor-1242 {2}	9.40	0.00	502	0	0.026	N.D. #
16) L4 Aroclor-1242 {3}	10.13	14.12	74	94	0.004	0.007 #
Total Aroclor-1242			790	251	0.035	0.012
Average Aroclor-1242					0.012	0.006
17) L5 Aroclor-1248	9.40	0.00	502	0	0.016	N.D. #
18) L5 Aroclor-1248 {2}	10.13	15.32	74	171	0.003	0.007 #
19) L5 Aroclor-1248 {3}	11.46	16.31	222	37	0.006	0.002 #
Total Aroclor-1248			798	208	0.025	0.009
Average Aroclor-1248					0.008	0.005

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-82.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-82.D\CONFIRM.D  
 Acq On : 31 Aug 96 03:24 PM  
 Sample : VHB/ DEQAQCT2  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 15:58 1996

Vial: 77  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.05	15.60	81	37	0.003	0.001 #
21) L6 Aroclor-1254 {2}	13.48	15.84	47	43	0.001	0.001 #
22) L6 Aroclor-1254 {3}	15.87	17.70	40	51	0.001	0.001
Total Aroclor-1254			168	130	0.005	0.004
Average Aroclor-1254					0.002	0.001
23) L7 Aroclor-1260	13.98	18.34	28	19	0.001	0.001 #
24) L7 Aroclor-1260 {2}	14.76	18.65	24	20	0.001	0.001
25) L7 Aroclor-1260 {3}	17.98	0.00	8	0	0.000	N.D. #
Total Aroclor-1260			60	38	0.002	0.001
Average Aroclor-1260					0.001	0.001
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

*h*

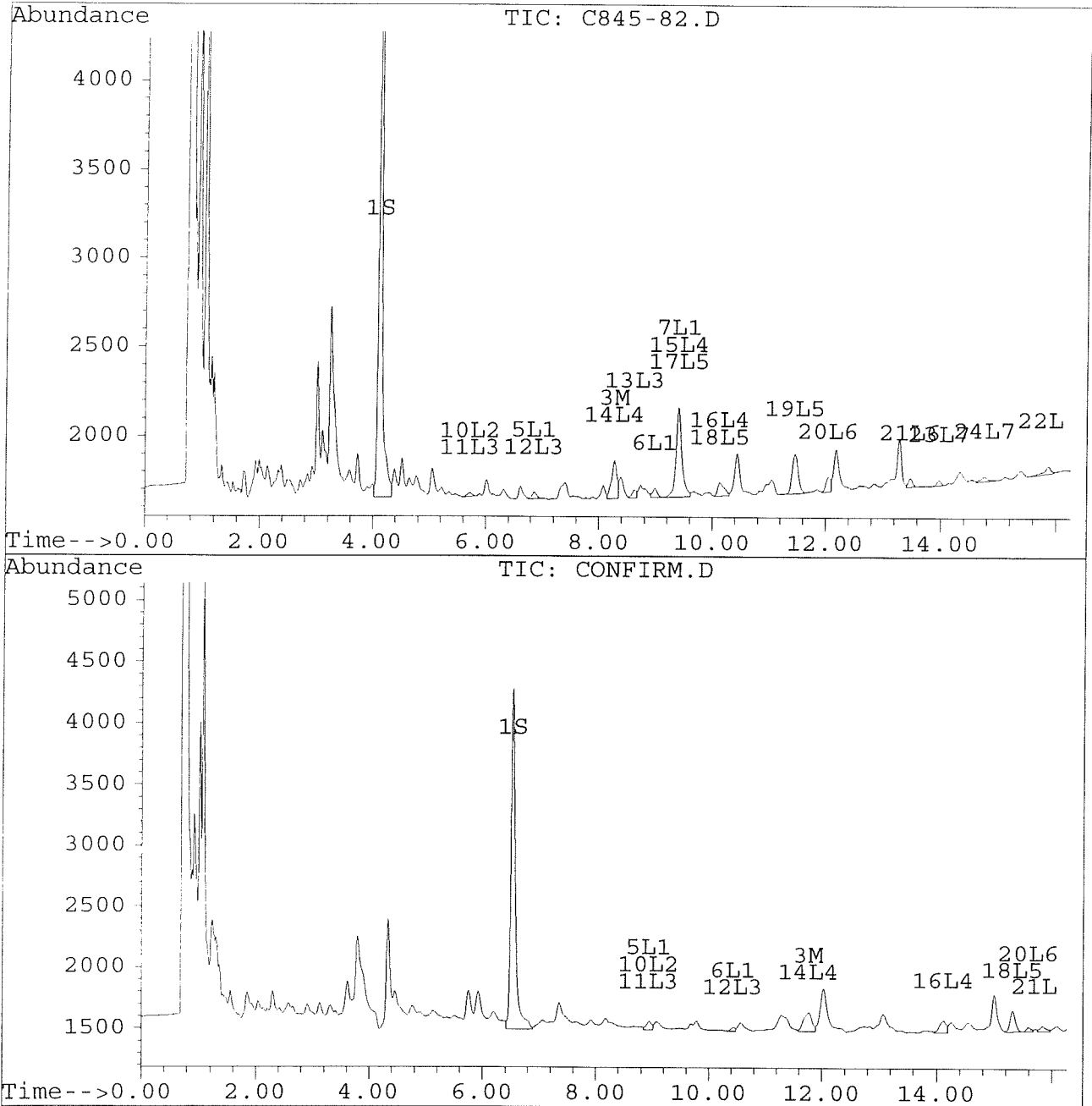
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-82.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-82.D\CONFIRM.D  
Acq On : 31 Aug 96 03:24 PM  
Sample : VHB/ DEQAQCT2  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 15:58 1996

Vial: 77  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



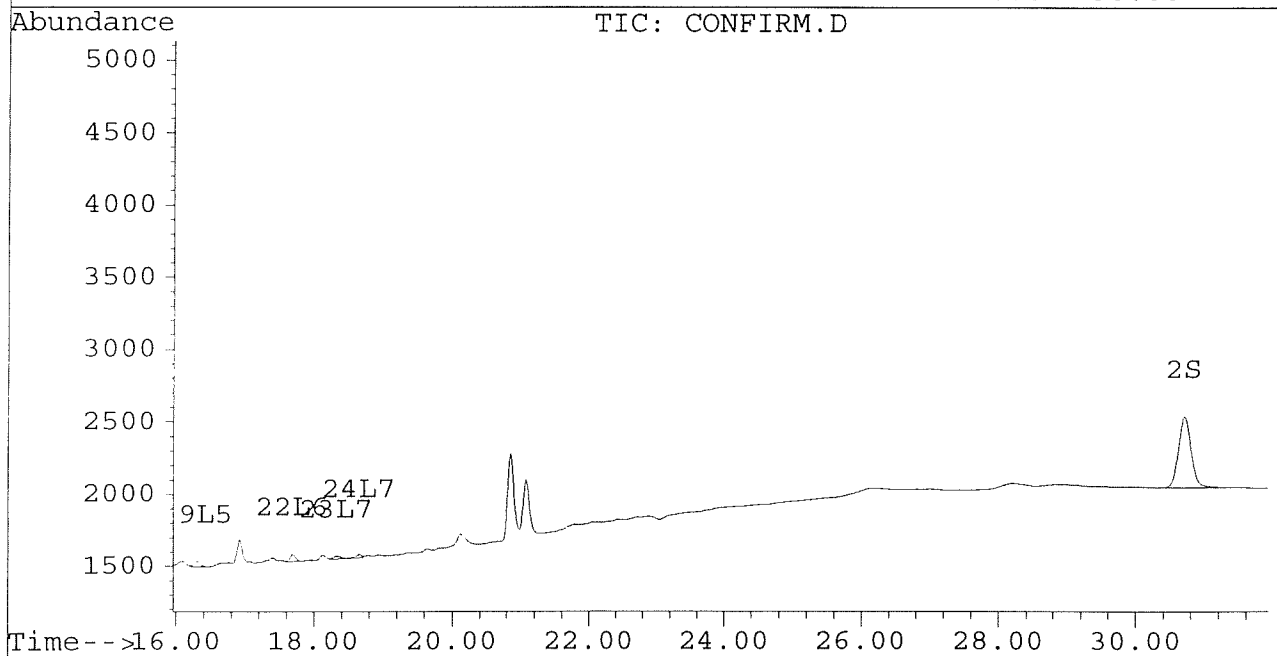
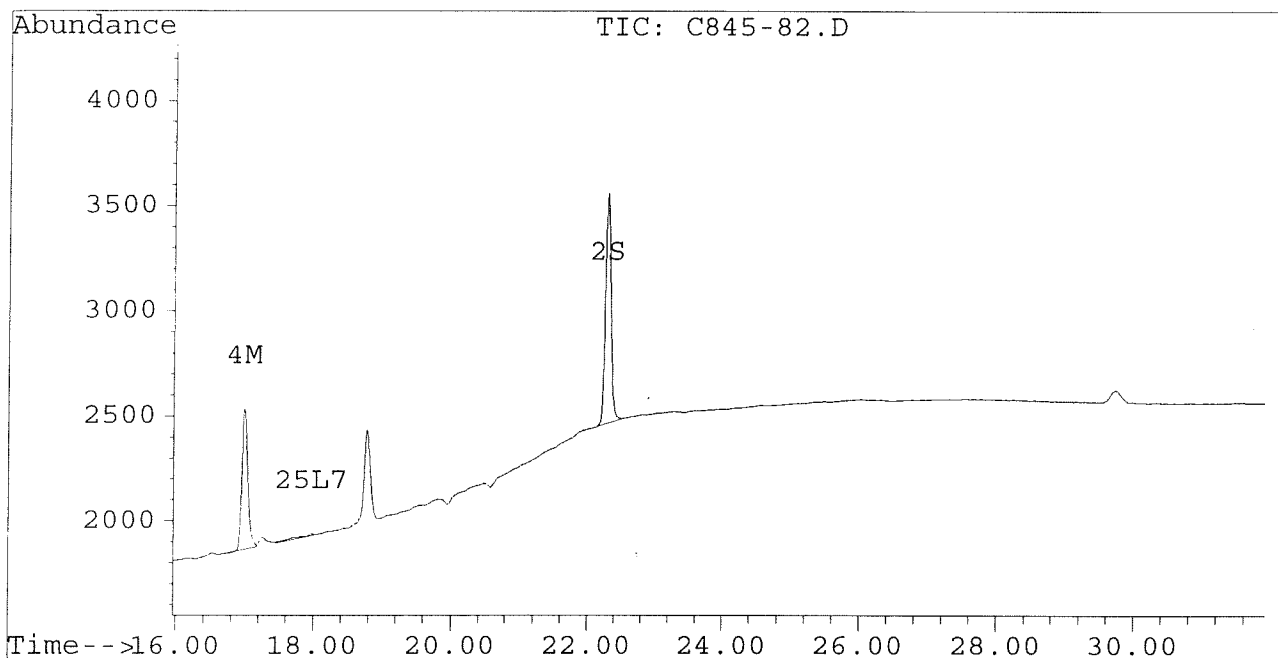
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-82.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-82.D\CONFIRM.D  
Acq On : 31 Aug 96 03:24 PM  
Sample : VHB/ DEQAQCT2  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 15:58 1996

Vial: 77  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-83.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-83.D\CONFIRM.D  
 Acq On : 31 Aug 96 04:00 PM  
 Sample : VHB/ DEQAQCO4  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 16:34 1996

Vial: 78  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase : DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4142	3329	0.017	0.017
			Recovery	=	42.50%	42.50%
2) S Decachlorobiphenyl	22.29	30.71	1486	651	0.007	0.007
			Recovery	=	17.50%	17.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.78	113	202	0.001	0.002 #
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	796	0	0.004	N.D. #
5) L1 Aroclor-1016	6.86	8.88	64	257	0.002	0.019 #
6) L1 Aroclor-1016 {2}	0.00	10.44	0	148	N.D.	0.005 #
7) L1 Aroclor-1016 {3}	9.38	12.38	116	186	0.004	0.011 #
Total Aroclor-1016			180	591	0.006	0.035
Average Aroclor-1016					0.003	0.012
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.88	82	257	0.004	0.017 #
Total Aroclor-1221			82	257	0.004	0.017
Average Aroclor-1221					0.004	0.017
11) L3 Aroclor-1232	5.73	8.88	82	257	0.005	0.018 #
12) L3 Aroclor-1232 {2}	6.86	10.44	64	148	0.005	0.012 #
13) L3 Aroclor-1232 {3}	8.62f	12.38	79	186	0.010	0.027 #
Total Aroclor-1232			225	591	0.019	0.057
Average Aroclor-1232					0.006	0.019
14) L4 Aroclor-1242	8.28	11.78	113	202	0.003	0.007 #
15) L4 Aroclor-1242 {2}	9.38	12.38	116	186	0.006	0.014 #
16) L4 Aroclor-1242 {3}	0.00	14.14	0	177	N.D.	0.013 #
Total Aroclor-1242			229	566	0.009	0.034
Average Aroclor-1242					0.004	0.011
17) L5 Aroclor-1248	9.38	0.00	116	0	0.004	N.D. #
18) L5 Aroclor-1248 {2}	0.00	15.32	0	113	N.D.	0.005 #
19) L5 Aroclor-1248 {3}	11.44	16.32	1095	27	0.031	0.002 #
Total Aroclor-1248			1211	140	0.035	0.006
Average Aroclor-1248					0.018	0.003



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-83.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-83.D\CONFIRM.D  
 Acq On : 31 Aug 96 04:00 PM  
 Sample : VHB/ DEQAQCO4  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 16:34 1996

Vial: 78  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	0.00	571	0	0.018	N.D. #
21) L6 Aroclor-1254 {2}	0.00	15.84	0	64	N.D.	0.002 #
22) L6 Aroclor-1254 {3}	15.87	17.69	54	68	0.002	0.002
Total Aroclor-1254			625	132	0.020	0.004
Average Aroclor-1254					0.010	0.002
23) L7 Aroclor-1260	13.98	18.33	30	59	0.001	0.002 #
24) L7 Aroclor-1260 {2}	14.76	18.66	29	81	0.001	0.002 #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			60	140	0.002	0.004
Average Aroclor-1260					0.001	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.54	0	89	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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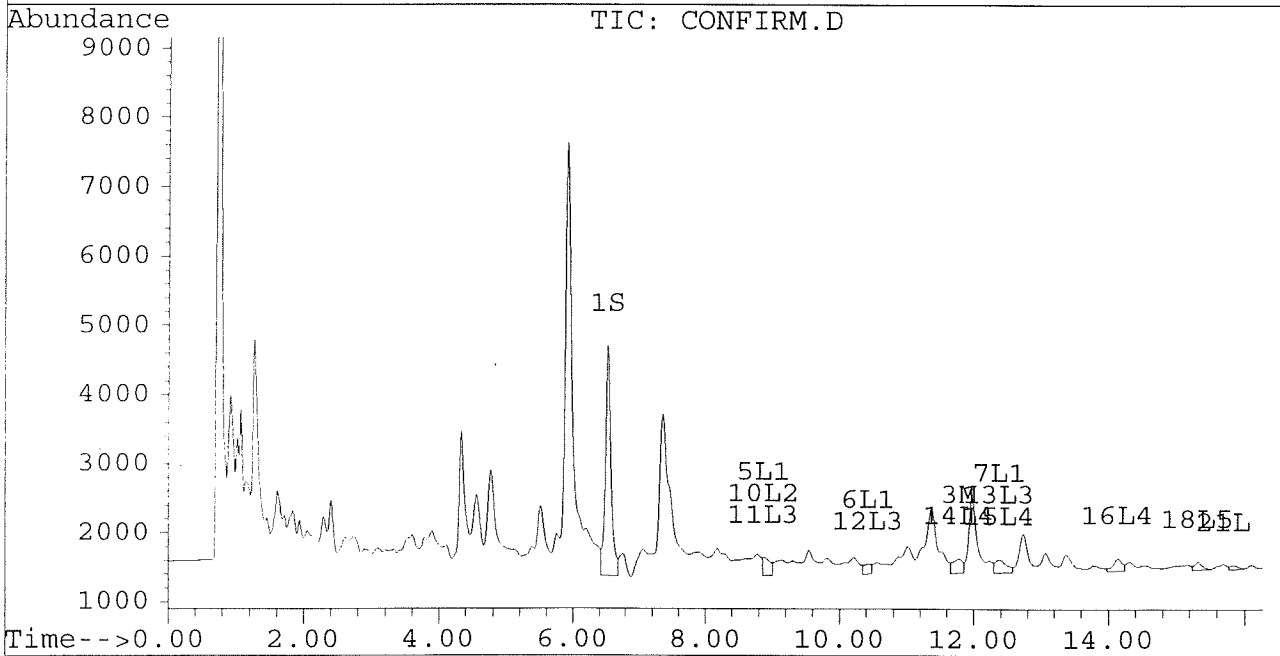
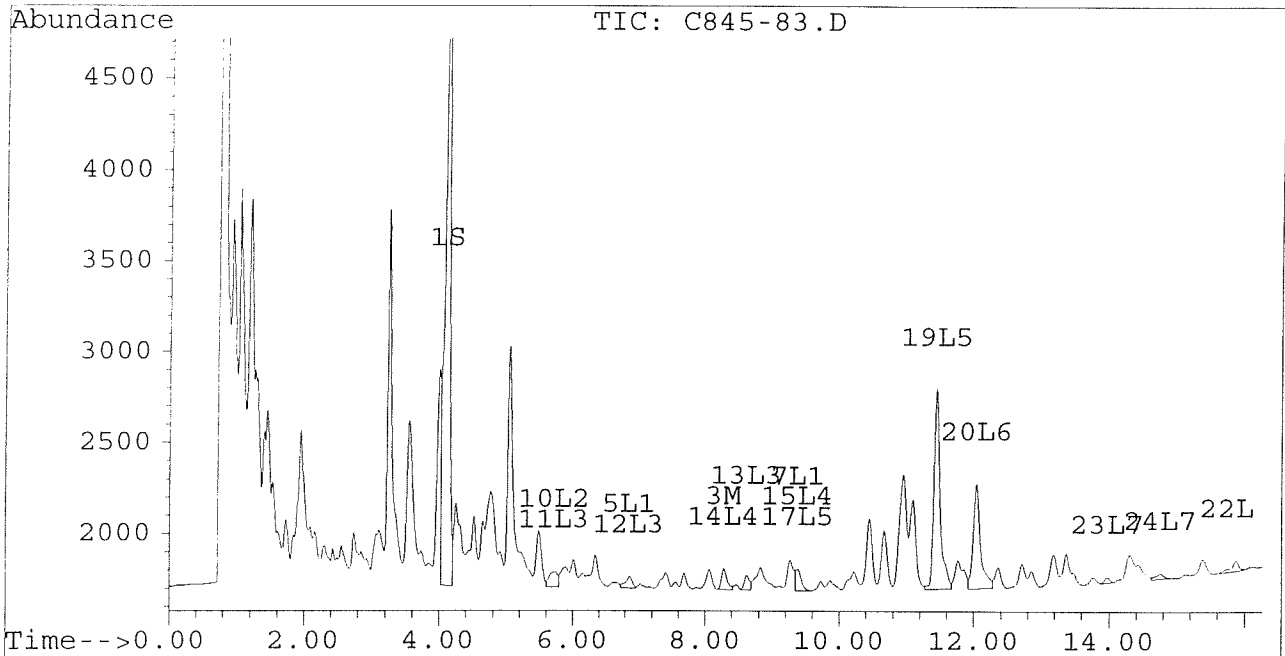
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-83.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-83.D\CONFIRM.D  
Acq On : 31 Aug 96 04:00 PM  
Sample : VHB/ DEQAQCO4  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 16:34 1996

Vial: 78  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



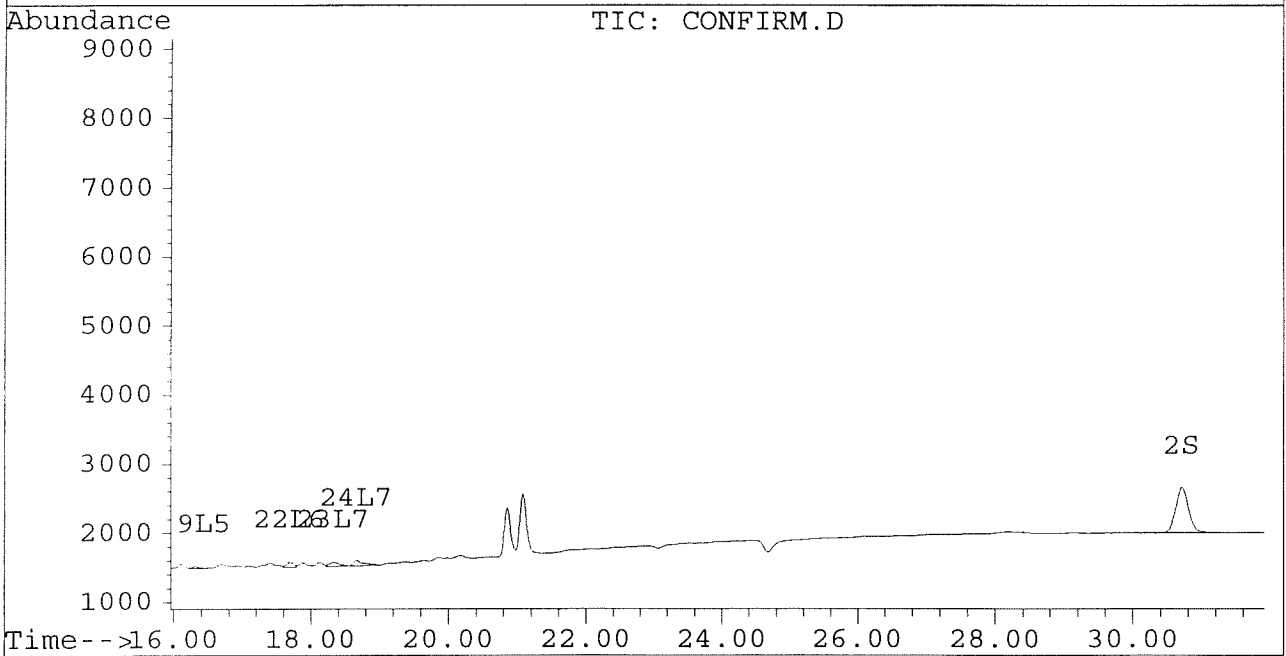
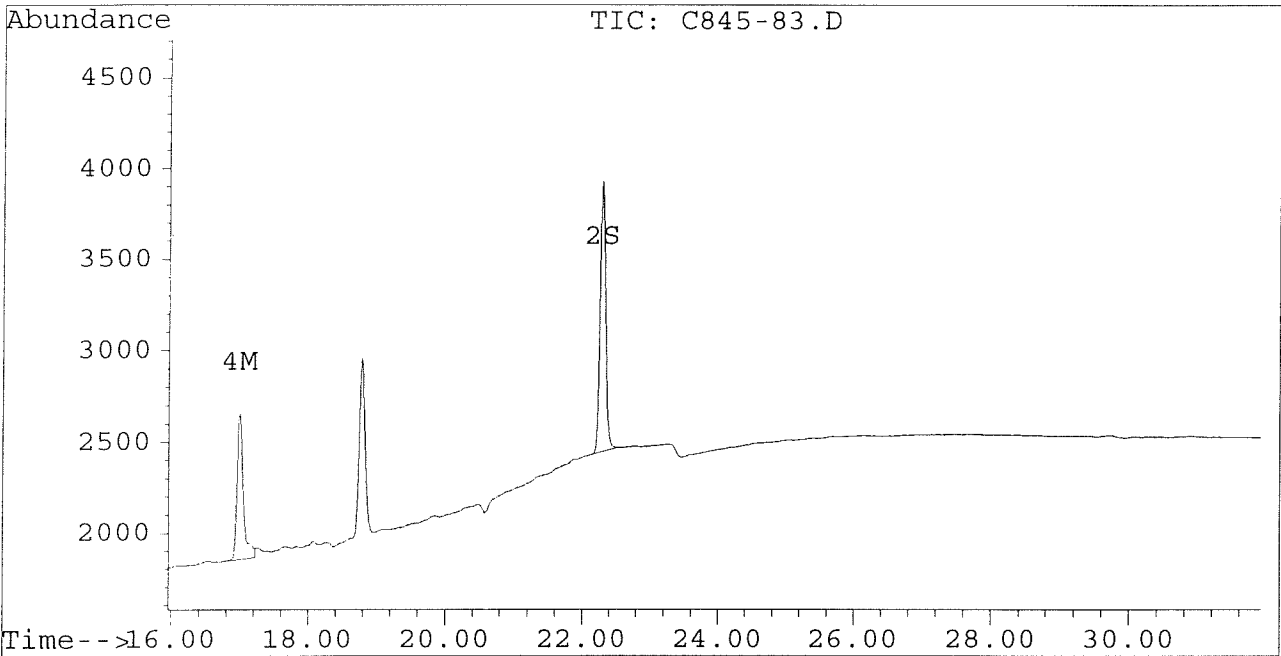
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-83.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-83.D\CONFIRM.D  
Acq On : 31 Aug 96 04:00 PM  
Sample : VHB/ DEQAQCO4  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 16:34 1996

Vial: 78  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-84.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-84.D\CONFIRM.D  
 Acq On : 31 Aug 96 04:36 PM  
 Sample : VHB/ DEQAQCN7  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 17:09 1996

Vial: 79  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	3452	2761	0.014	0.014
			Recovery =		35.00%	35.00%
2) S Decachlorobiphenyl	22.29	30.71	1473	639	0.007	0.007
			Recovery =		17.50%	17.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	16.99	0.00	1662	0	0.009	N.D. #
5) L1 Aroclor-1016	6.86	0.00	25	0	0.001	N.D. #
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.39	0.00	95	0	0.004	N.D. #
Total Aroclor-1016			119	0	0.004	N.D.
Average Aroclor-1016					0.002	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	0.00	18	0	0.001	N.D. #
Total Aroclor-1221			18	0	0.001	N.D.
Average Aroclor-1221					0.001	0.000
11) L3 Aroclor-1232	5.73	0.00	18	0	0.001	N.D. #
12) L3 Aroclor-1232 {2}	6.86	0.00	25	0	0.002	N.D. #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			42	0	0.003	N.D.
Average Aroclor-1232					0.001	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	9.39	0.00	95	0	0.005	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			95	0	0.005	N.D.
Average Aroclor-1242					0.005	0.000
17) L5 Aroclor-1248	9.39	15.08	95	55	0.003	0.002
18) L5 Aroclor-1248 {2}	0.00	15.32	0	126	N.D.	0.005 #
19) L5 Aroclor-1248 {3}	11.44	0.00	264	0	0.008	N.D. #
Total Aroclor-1248			359	181	0.011	0.008
Average Aroclor-1248					0.005	0.004

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-84.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-84.D\CONFIRM.D  
 Acq On : 31 Aug 96 04:36 PM  
 Sample : VHB/ DEQAQCN7  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 17:09 1996

Vial: 79  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	41	67	0.001	0.002 #
21) L6 Aroclor-1254 {2}	13.48	15.84	83	88	0.002	0.003 #
22) L6 Aroclor-1254 {3}	15.87	17.69	198	191	0.006	0.005
Total Aroclor-1254			321	346	0.009	0.010
Average Aroclor-1254					0.003	0.003
23) L7 Aroclor-1260	13.96	18.32	88	203	0.003	0.006 #
24) L7 Aroclor-1260 {2}	14.75	0.00	132	0	0.003	N.D. #
25) L7 Aroclor-1260 {3}	0.00	22.03	0	48	N.D.	0.001 #
Total Aroclor-1260			220	251	0.006	0.007
Average Aroclor-1260					0.003	0.004
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

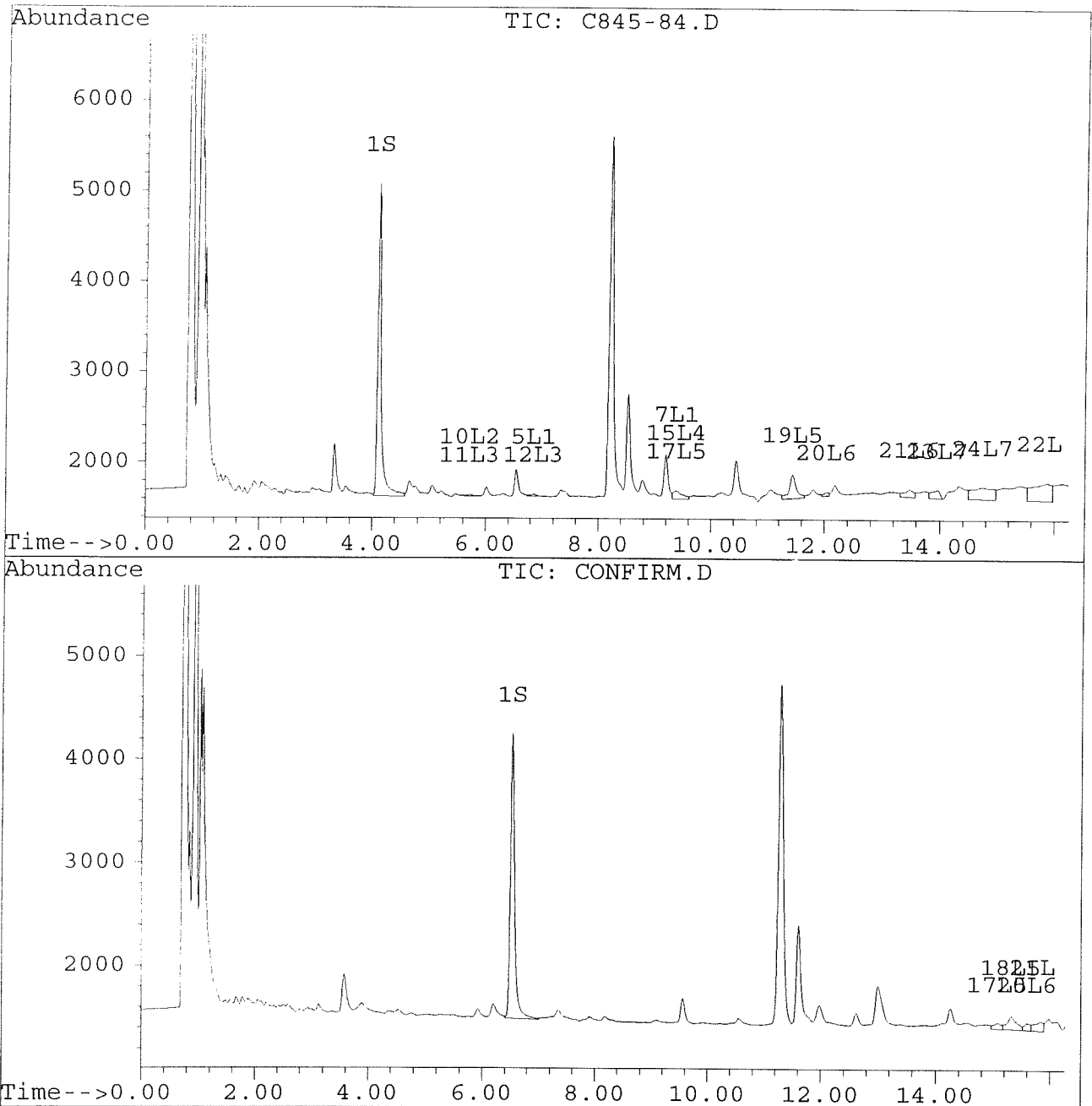
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-84.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-84.D\CONFIRM.D  
Acq On : 31 Aug 96 04:36 PM  
Sample : VHB/ DEQAQCN7  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 17:09 1996

Vial: 79  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



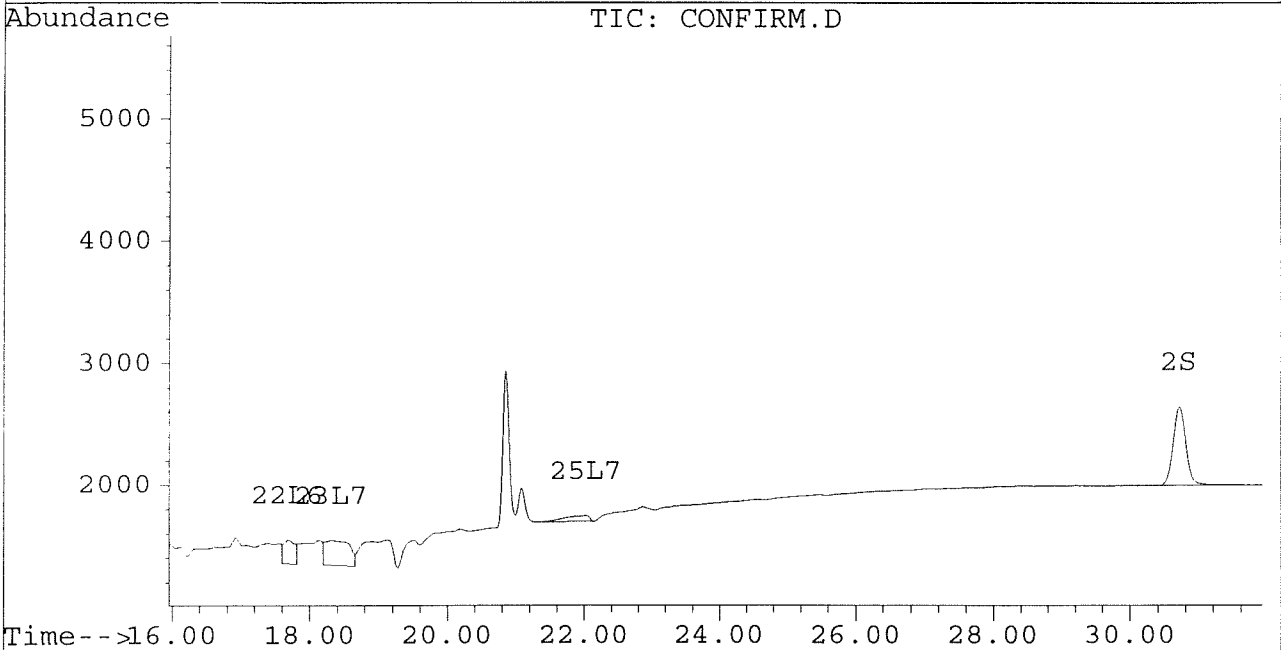
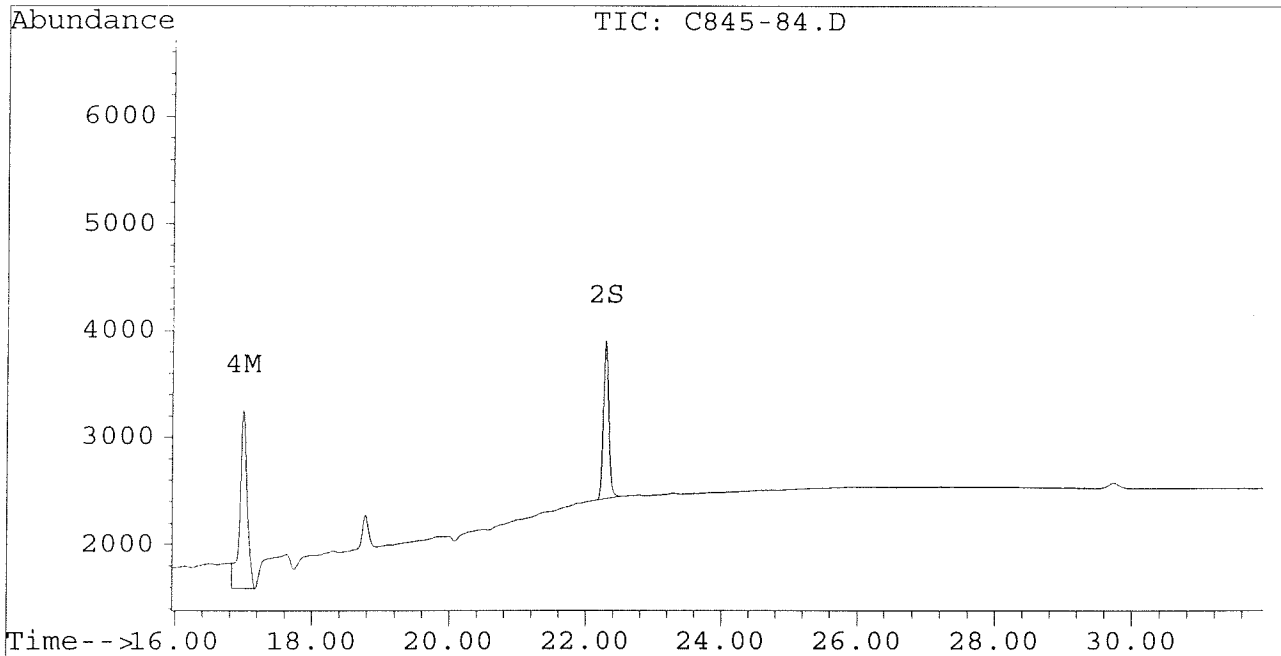
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-84.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-84.D\CONFIRM.D  
Acq On : 31 Aug 96 04:36 PM  
Sample : VHB/ DEQAQCN7  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 17:09 1996

Vial: 79  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-85.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-85.D\CONFIRM.D  
 Acq On : 31 Aug 96 05:11 PM  
 Sample : VHB/ DEQAQCM9  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 17:45 1996

Vial: 80

Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.10	6.53	3522	2814	0.015	0.015
			Recovery	=	37.50%	37.50%
2) S Decachlorobiphenyl	22.29	30.71	1415	642	0.007	0.007
			Recovery	=	17.50%	17.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	11.76	0	160	N.D.	0.002 #
4) M 2,2',3,3',4,4'-Hexa	16.99	0.00	1180	0	0.006	N.D. #
5) L1 Aroclor-1016	6.86	0.00	44	0	0.001	N.D. #
6) L1 Aroclor-1016 {2}	8.99	0.00	55	0	0.003	N.D. #
7) L1 Aroclor-1016 {3}	9.38	0.00	130	0	0.005	N.D. #
Total Aroclor-1016			229	0	0.010	N.D.
Average Aroclor-1016					0.003	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	0.00	29	0	0.001	N.D. #
Total Aroclor-1221			29	0	0.001	N.D.
Average Aroclor-1221					0.001	0.000
11) L3 Aroclor-1232	5.73	0.00	29	0	0.002	N.D. #
12) L3 Aroclor-1232 {2}	6.86	0.00	44	0	0.003	N.D. #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			73	0	0.005	N.D.
Average Aroclor-1232					0.002	0.000
14) L4 Aroclor-1242	0.00	11.76	0	160	N.D.	0.005 #
15) L4 Aroclor-1242 {2}	9.38	0.00	130	0	0.007	N.D. #
16) L4 Aroclor-1242 {3}	10.13	14.13	83	70	0.005	0.005
Total Aroclor-1242			214	230	0.012	0.011
Average Aroclor-1242					0.006	0.005
17) L5 Aroclor-1248	9.38	15.08	130	63	0.004	0.003 #
18) L5 Aroclor-1248 {2}	10.13	15.31	83	143	0.003	0.006 #
19) L5 Aroclor-1248 {3}	11.44	16.30	286	79	0.008	0.004 #
Total Aroclor-1248			499	285	0.015	0.013
Average Aroclor-1248					0.005	0.004

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-85.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-85.D\CONFIRM.D  
 Acq On : 31 Aug 96 05:11 PM  
 Sample : VHB/ DEQAQCM9  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 17:45 1996

Vial: 80  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	77	75	0.002	0.003
21) L6 Aroclor-1254 {2}	13.48	15.84	102	94	0.002	0.003 #
22) L6 Aroclor-1254 {3}	15.87	17.69	137	176	0.004	0.004
Total Aroclor-1254			316	345	0.009	0.010
Average Aroclor-1254					0.003	0.003
23) L7 Aroclor-1260	13.98	18.33	67	147	0.002	0.005 #
24) L7 Aroclor-1260 {2}	14.76	0.00	80	0	0.002	N.D. #
25) L7 Aroclor-1260 {3}	17.98	0.00	95	0	0.002	N.D. #
Total Aroclor-1260			242	147	0.006	0.005
Average Aroclor-1260					0.002	0.005
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

*h*



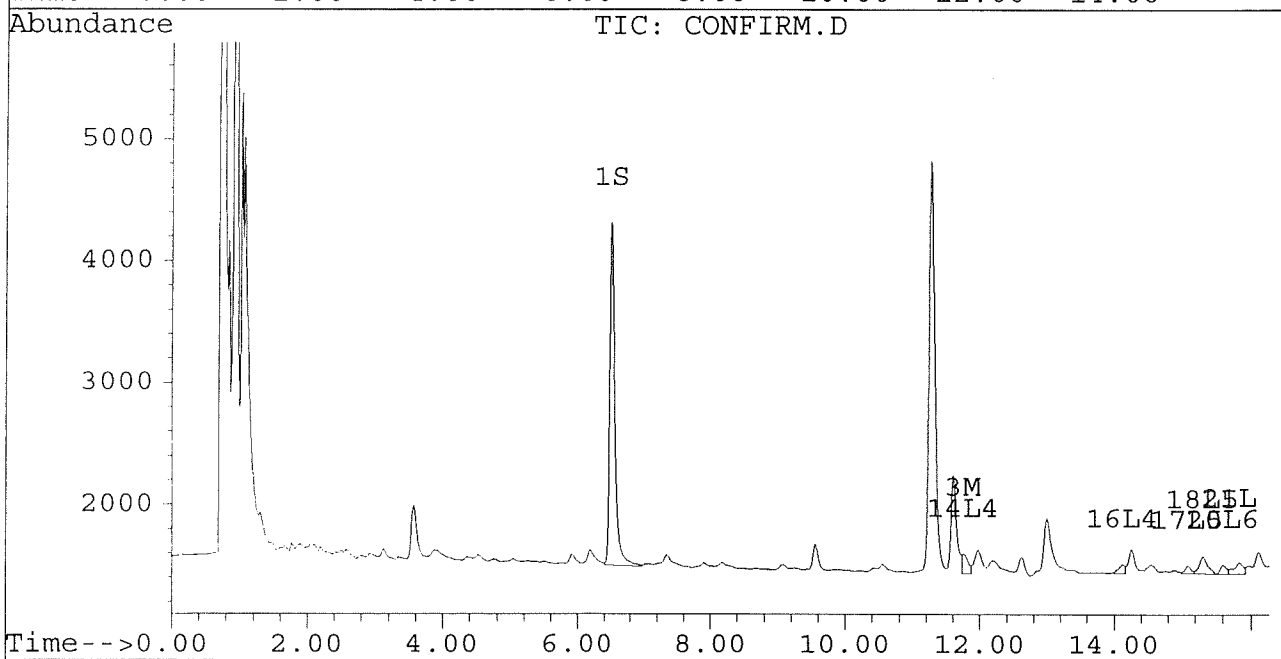
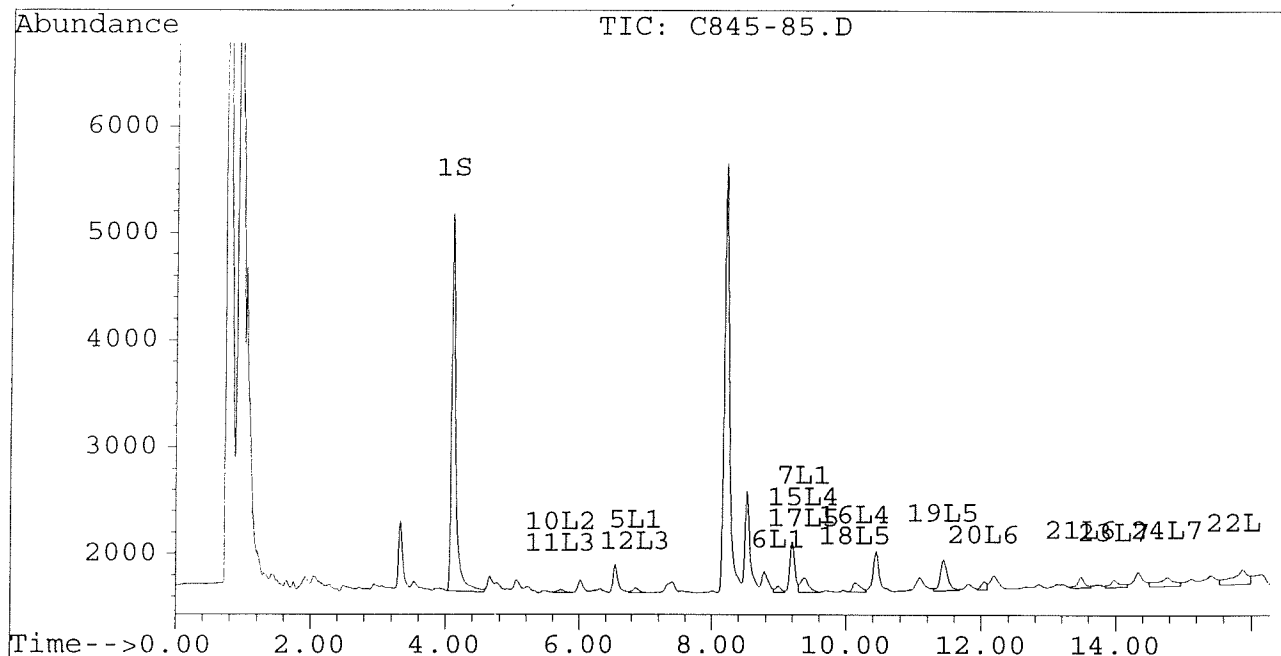
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-85.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-85.D\CONFIRM.D  
Acq On : 31 Aug 96 05:11 PM  
Sample : VHB/ DEQAQCM9  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 17:45 1996

Vial: 80  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



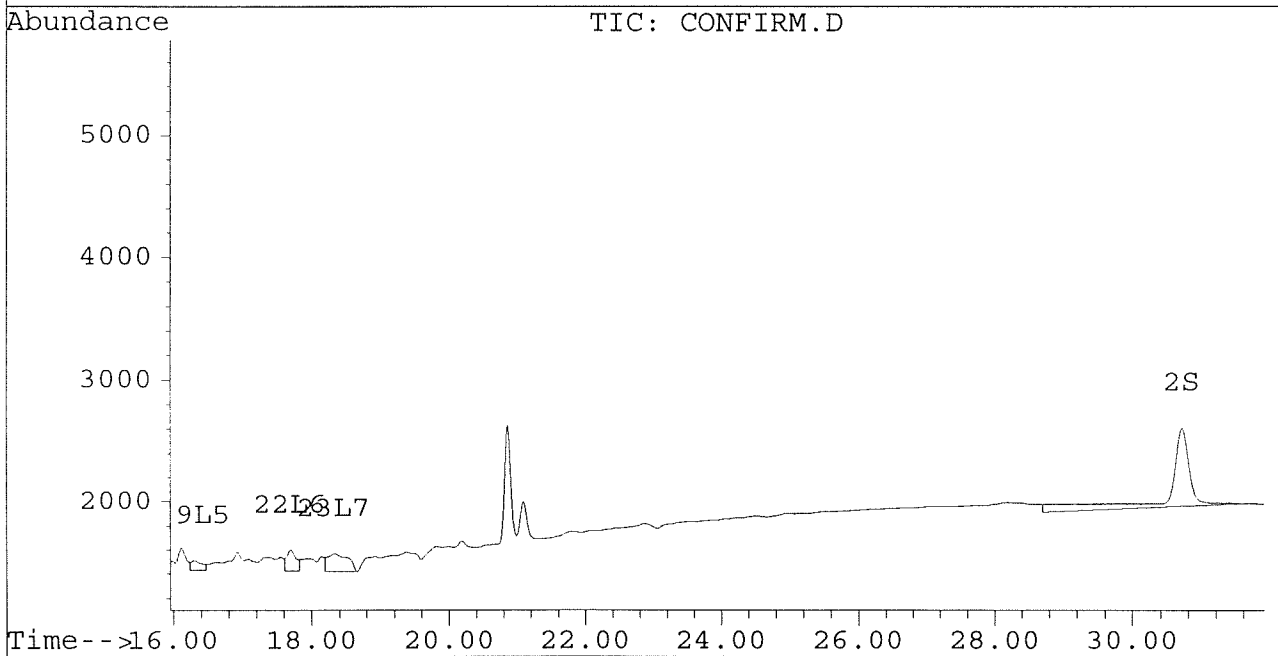
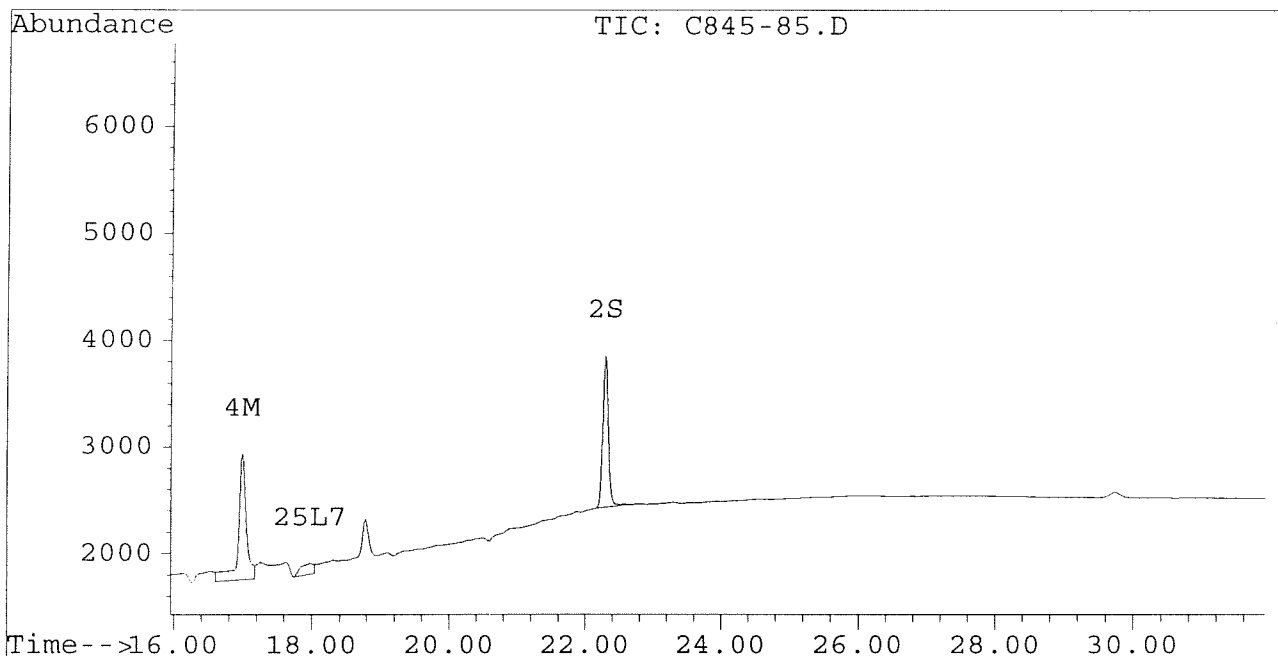
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-85.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-85.D\CONFIRM.D  
Acq On : 31 Aug 96 05:11 PM  
Sample : VHB/ DEQAQCM9  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 17:45 1996

Vial: 80  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-86.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-86.D\CONFIRM.D  
 Acq On : 31 Aug 96 05:47 PM  
 Sample : VHB/ DEQAQCO10  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 18:21 1996

Vial: 81  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.10	6.52	3173	2758	0.013	0.014
			Recovery	=	32.50%	35.00%
2) S Decachlorobiphenyl	22.29	30.71	1885	851	0.009	0.010
			Recovery	=	22.50%	25.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	16.99	0.00	814	0	0.004	N.D. #
5) L1 Aroclor-1016	6.85	0.00	44	0	0.001	N.D. #
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.40	0.00	136	0	0.005	N.D. #
Total Aroclor-1016			180	0	0.007	N.D.
Average Aroclor-1016					0.003	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	6.85	0.00	44	0	0.003	N.D. #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			44	0	0.003	N.D.
Average Aroclor-1232					0.003	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	9.40	0.00	136	0	0.007	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			136	0	0.007	N.D.
Average Aroclor-1242					0.007	0.000
17) L5 Aroclor-1248	9.40	0.00	136	0	0.004	N.D. #
18) L5 Aroclor-1248 {2}	0.00	15.32	0	88	N.D.	0.004 #
19) L5 Aroclor-1248 {3}	11.44	16.29	1645	20	0.047	0.001 #
Total Aroclor-1248			1782	108	0.052	0.005
Average Aroclor-1248					0.026	0.002

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-86.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-86.D\CONFIRM.D  
 Acq On : 31 Aug 96 05:47 PM  
 Sample : VHB/ DEQAQCO10  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 18:21 1996

Vial: 81  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	15.88	17.69	50	50	0.002	0.001
Total Aroclor-1254			50	50	0.002	0.001
Average Aroclor-1254					0.002	0.001
23) L7 Aroclor-1260	0.00	18.38f	0	55	N.D.	0.002 #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	18.01	0.00	111	0	0.002	N.D. #
Total Aroclor-1260			111	55	0.002	0.002
Average Aroclor-1260					0.002	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

*h*

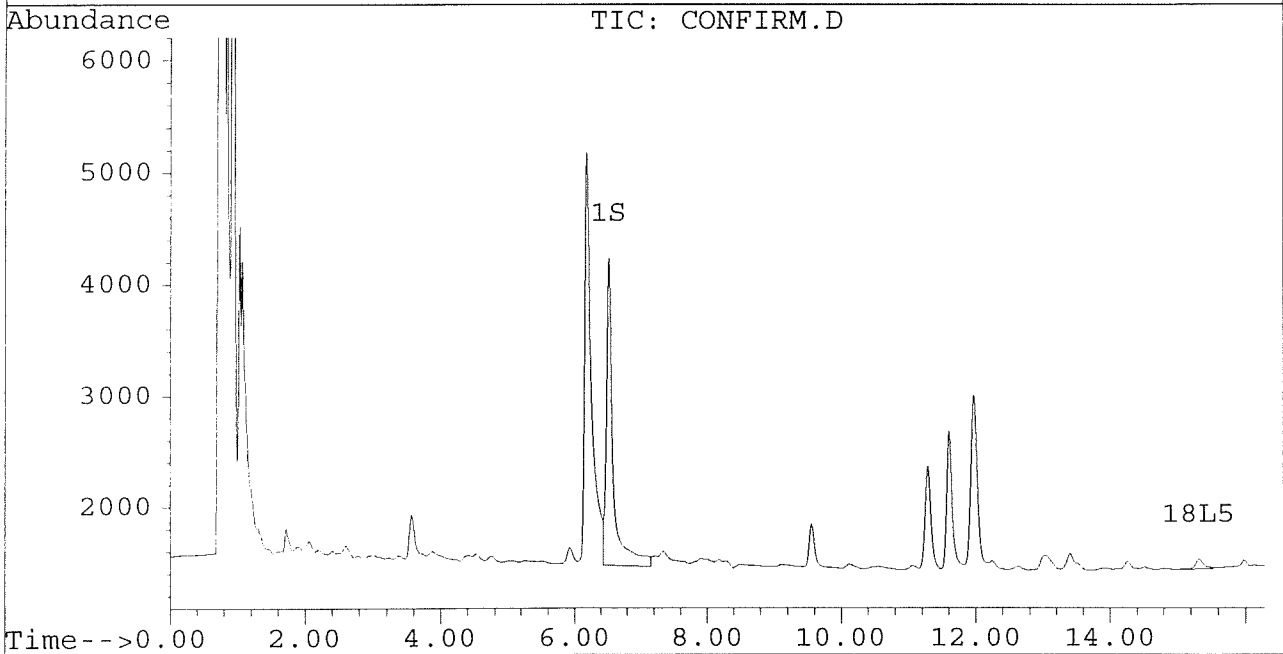
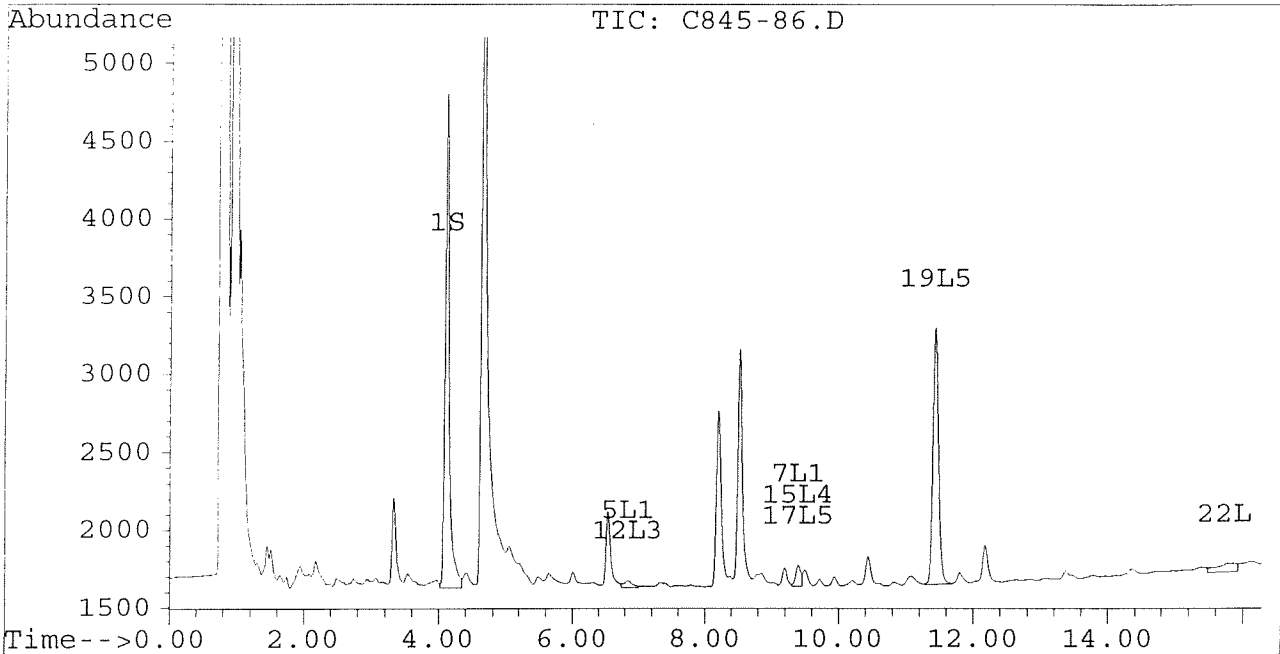
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-86.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-86.D\CONFIRM.D  
Acq On : 31 Aug 96 05:47 PM  
Sample : VHB/ DEQAQCO10  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 18:21 1996

Vial: 81  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



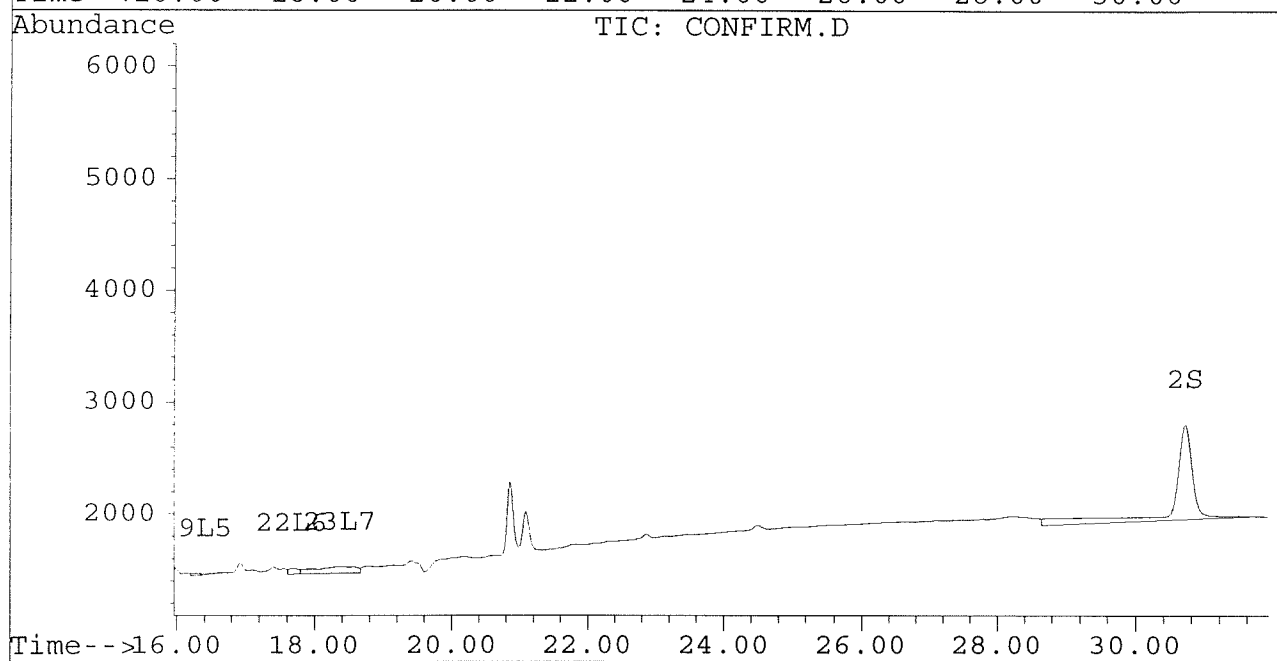
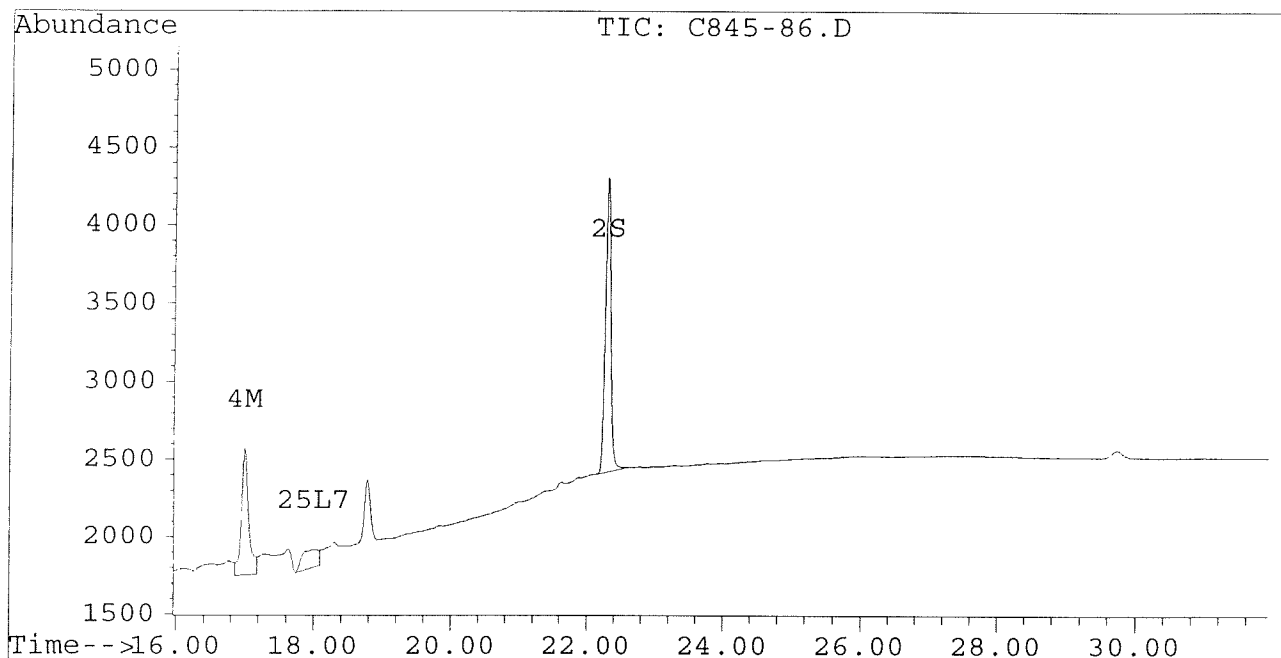
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-86.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-86.D\CONFIRM.D  
Acq On : 31 Aug 96 05:47 PM  
Sample : VHB/ DEQAQCO10  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 18:21 1996

Vial: 81  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0822B2.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0822B2.D\CONFIRM.D  
 Acq On : 31 Aug 96 07:06 AM  
 Sample : AQUEOUS METHOD BLANK  
 Misc : 1L/10ML  
 Quant Time: Aug 31 7:40 1996

Vial: 63  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4626	3568	0.019	0.019
			Recovery	=	47.50%	47.50%
2) S Decachlorobiphenyl	22.30	30.72	3139	1378	0.015	0.016
			Recovery	=	37.50%	40.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	16.99	21.69	18046	54	0.097	0.000 #
5) L1 Aroclor-1016	6.88	0.00	26	0	0.001	N.D. #
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			26	0	0.001	N.D.
Average Aroclor-1016					0.001	0.000
8) L2 Aroclor-1221	0.00	8.09	0	65	N.D.	0.011 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	0.00	21	0	0.001	N.D. #
Total Aroclor-1221			21	65	0.001	0.011
Average Aroclor-1221					0.001	0.011
11) L3 Aroclor-1232	5.73	0.00	21	0	0.001	N.D. #
12) L3 Aroclor-1232 {2}	6.88	0.00	26	0	0.002	N.D. #
13) L3 Aroclor-1232 {3}	8.63f	0.00	21	0	0.003	N.D. #
Total Aroclor-1232			68	0	0.006	N.D.
Average Aroclor-1232					0.002	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	15.34f	0	41	N.D.	0.002 #
19) L5 Aroclor-1248 {3}	11.44	0.00	42	0	0.001	N.D. #
Total Aroclor-1248			42	41	0.001	0.002
Average Aroclor-1248					0.001	0.002

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0822B2.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0822B2.D\CONFIRM.D  
 Acq On : 31 Aug 96 07:06 AM  
 Sample : AQUEOUS METHOD BLANK  
 Misc : 1L/10ML  
 Quant Time: Aug 31 7:40 1996

Vial: 63  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	17.71	0	15	N.D.	0.000 #
Total Aroclor-1254			0	15	N.D.	0.000
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	18.37f	0	7	N.D.	0.000 #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	7	N.D.	0.000
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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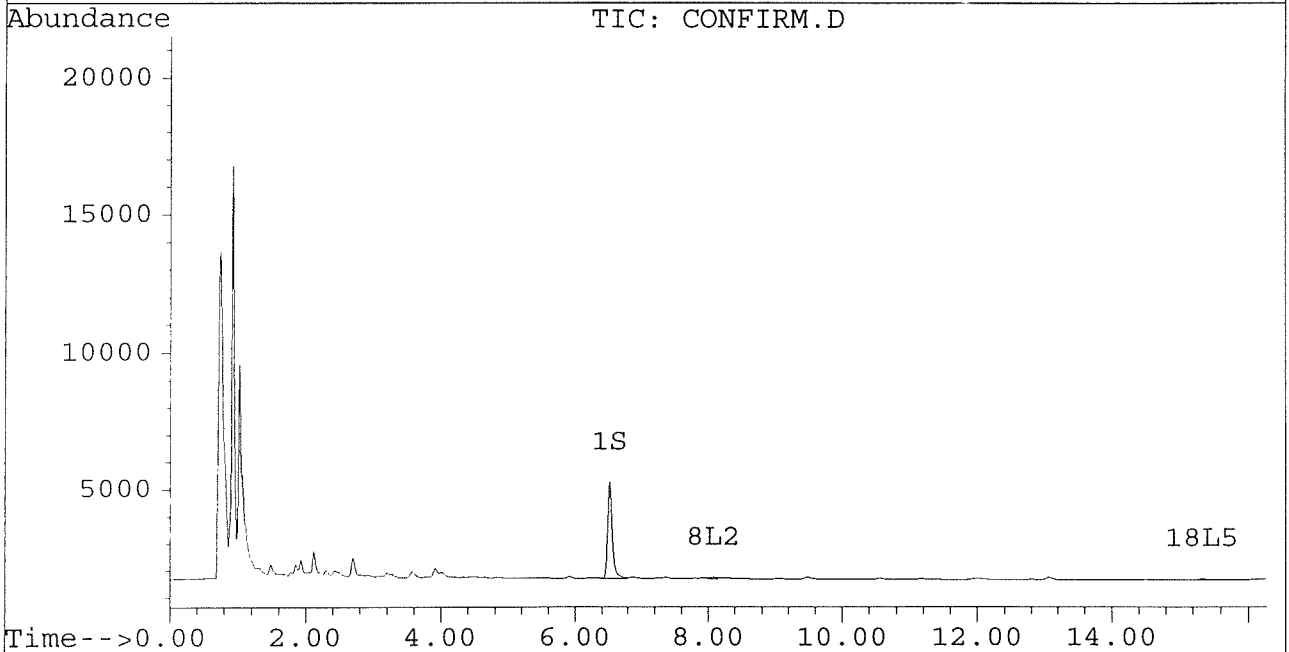
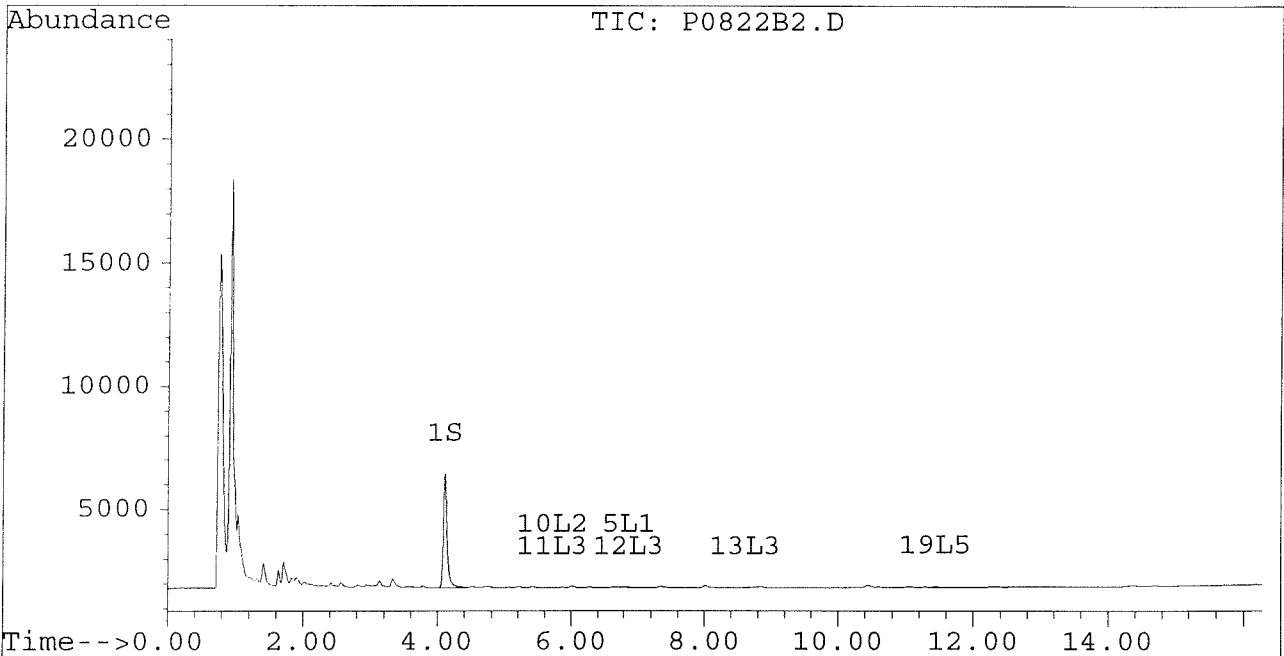
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0822B2.D  
Signal #2 : D:\HPCHEM\5\AU29\P0822B2.D\CONFIRM.D  
Acq On : 31 Aug 96 07:06 AM  
Sample : AQUEOUS METHOD BLANK  
Misc : 1L/10ML  
Quant Time: Aug 31 7:40 1996

Vial: 63  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



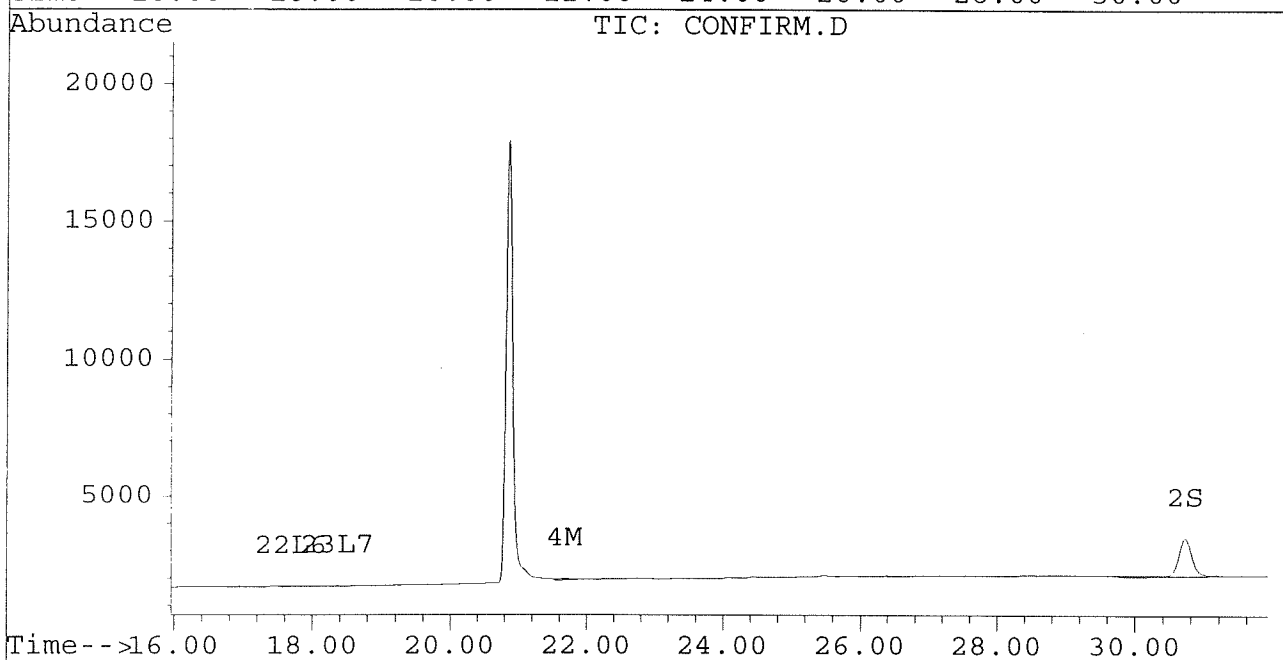
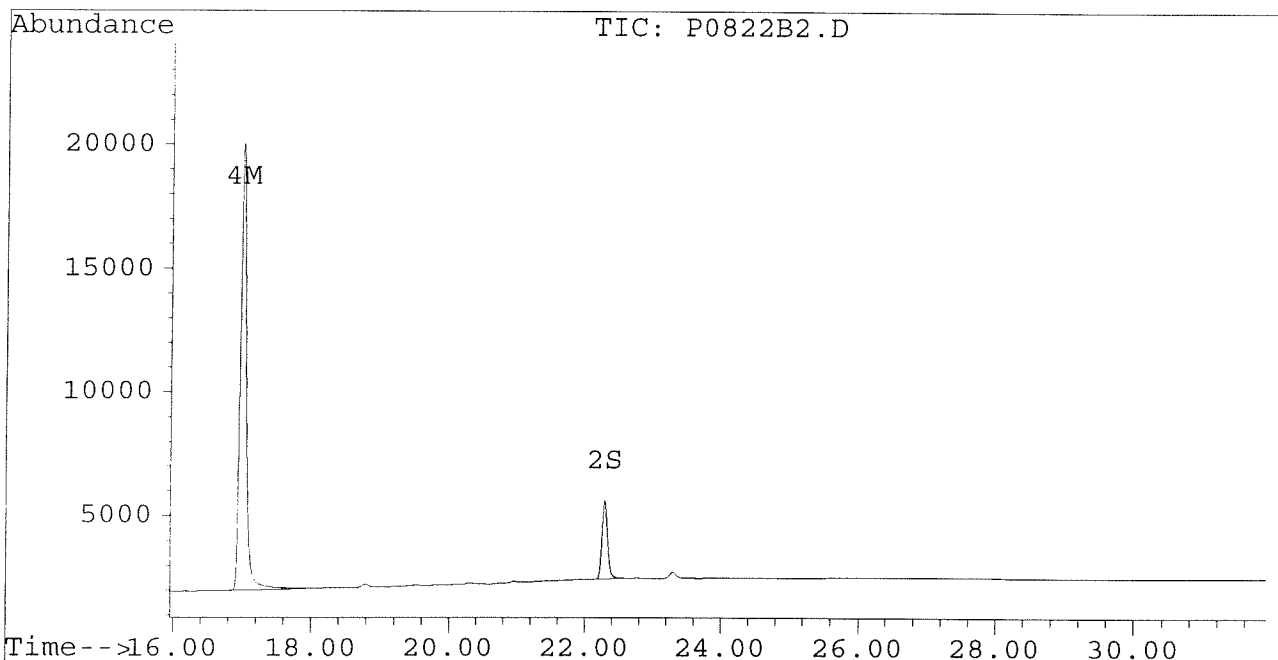
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0822B2.D  
Signal #2 : D:\HPCHEM\5\AU29\P0822B2.D\CONFIRM.D  
Acq On : 31 Aug 96 07:06 AM  
Sample : AQUEOUS METHOD BLANK  
Misc : 1L/10ML  
Quant Time: Aug 31 7:40 1996

Vial: 63  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0822L3.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0822L3.D\CONFIRM.D  
 Acq On : 31 Aug 96 02:21 AM  
 Sample : AQUEOUS LCS  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 2:55 1996

Vial: 59  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylene	4.11	6.53	4155	3364	0.017	0.018
			Recovery	=	42.50% <sup>85</sup>	45.00%
2) S Decachlorobiphenyl	22.30	30.72	2810	1215	0.013	0.014
			Recovery	=	32.50% <sup>65</sup>	35.00%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	8.27	11.79	87460	80169	0.799	0.837
4) M 2,2',3,3',4,4'-Hexa	16.99	21.71	148739	131744	0.796	0.839
5) L1 Aroclor-1016	6.88	0.00	35	0	0.001	N.D. #
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			35	0	0.001	N.D.
Average Aroclor-1016					0.001	0.000
8) L2 Aroclor-1221	5.11	8.11	167	175	0.024	0.029
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			167	175	0.024	0.029
Average Aroclor-1221					0.024	0.029
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	6.88	0.00	35	0	0.003	N.D. #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			35	0	0.003	N.D.
Average Aroclor-1232					0.003	0.000
14) L4 Aroclor-1242	8.27	11.79	87460	80169	2.112	2.690 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			87460	80169	2.112	2.690
Average Aroclor-1242					2.112	2.690
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	15.32	0	62	N.D.	0.003 #
19) L5 Aroclor-1248 {3}	11.48	16.31	50	16	0.001	0.001 #
Total Aroclor-1248			50	78	0.001	0.004
Average Aroclor-1248					0.001	0.002

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0822L3.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0822L3.D\CONFIRM.D  
 Acq On : 31 Aug 96 02:21 AM  
 Sample : AQUEOUS LCS  
 Misc : 1L/10ML PCB ANALYSIS  
 Quant Time: Aug 31 2:55 1996

Vial: 59  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	13.97	0.00	478	0	0.014	N.D. #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	17.97	0.00	42	0	0.001	N.D. #
Total Aroclor-1260			520	0	0.015	N.D.
Average Aroclor-1260					0.007	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

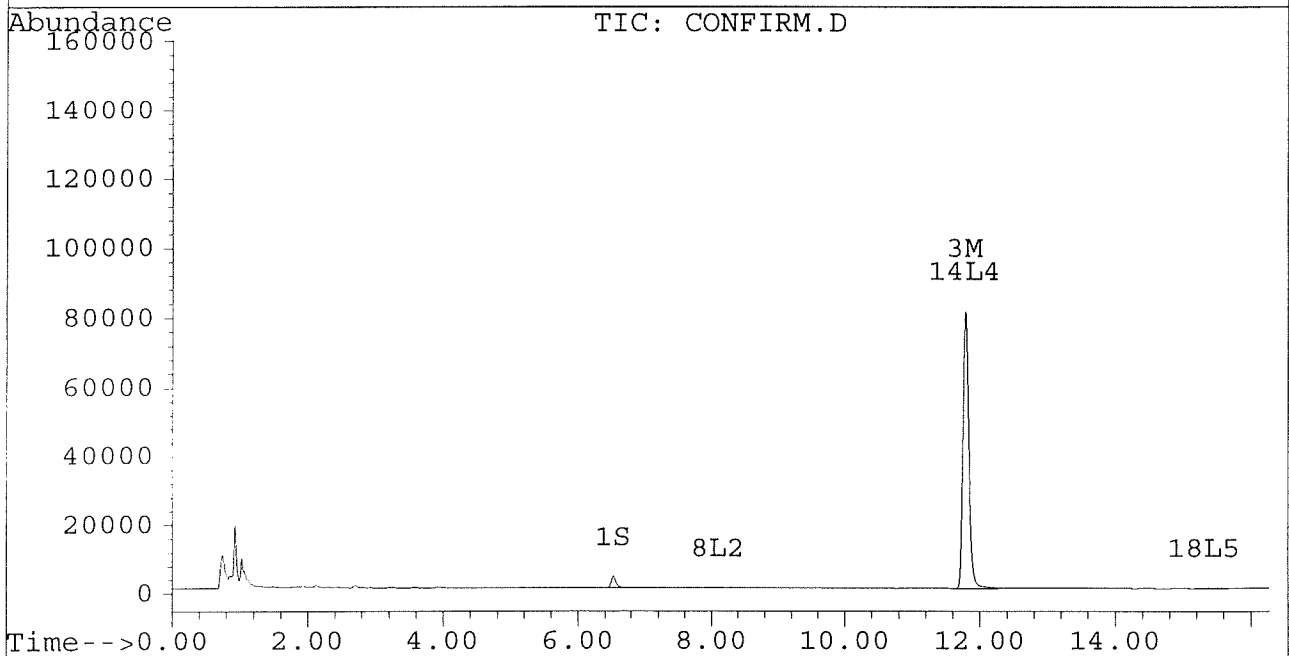
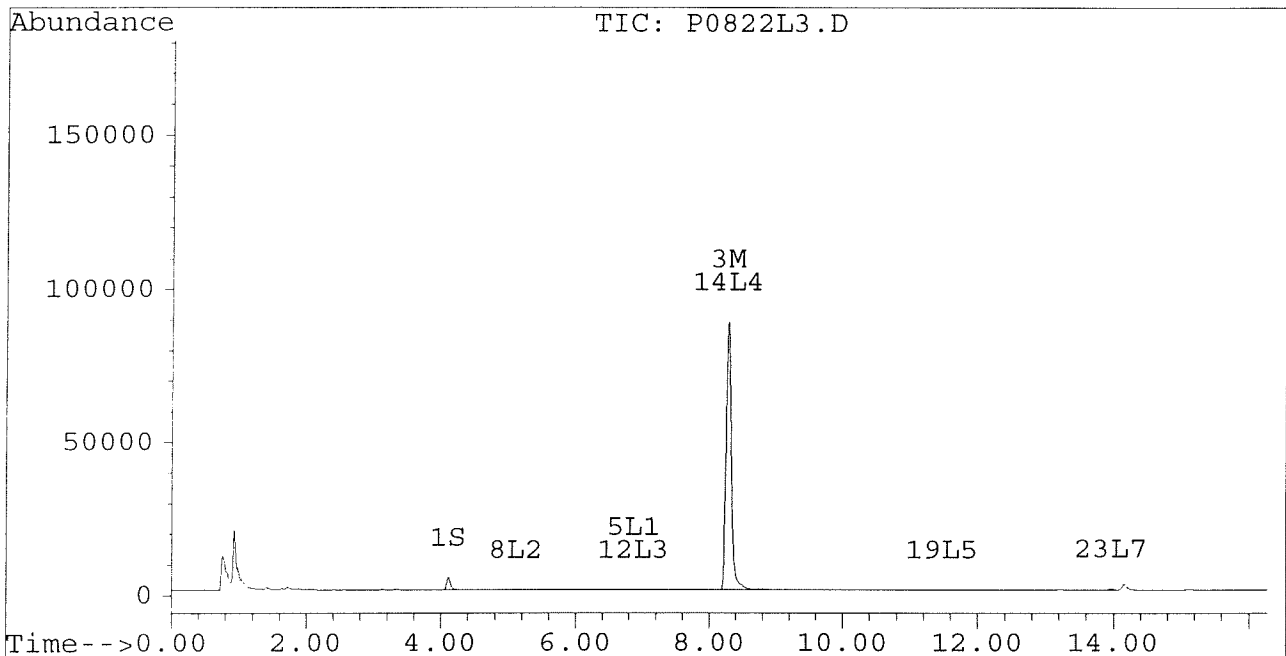
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0822L3.D  
Signal #2 : D:\HPCHEM\5\AU29\P0822L3.D\CONFIRM.D  
Acq On : 31 Aug 96 02:21 AM  
Sample : AQUEOUS LCS  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 2:55 1996

Vial: 59  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



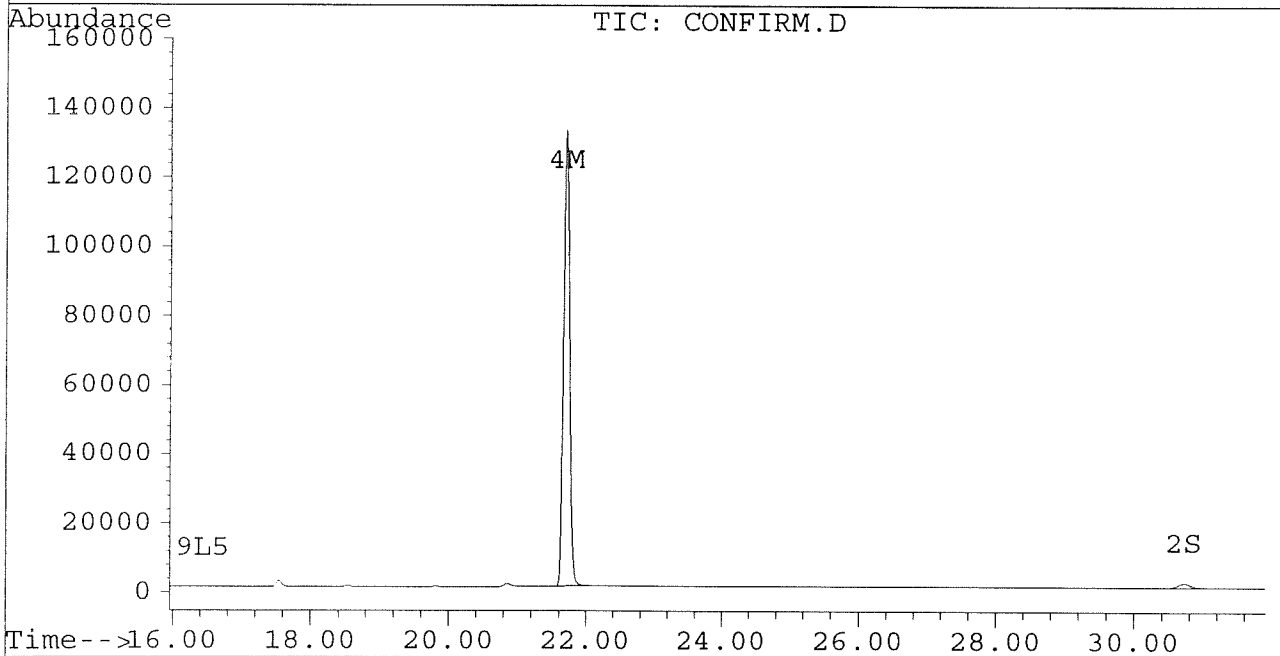
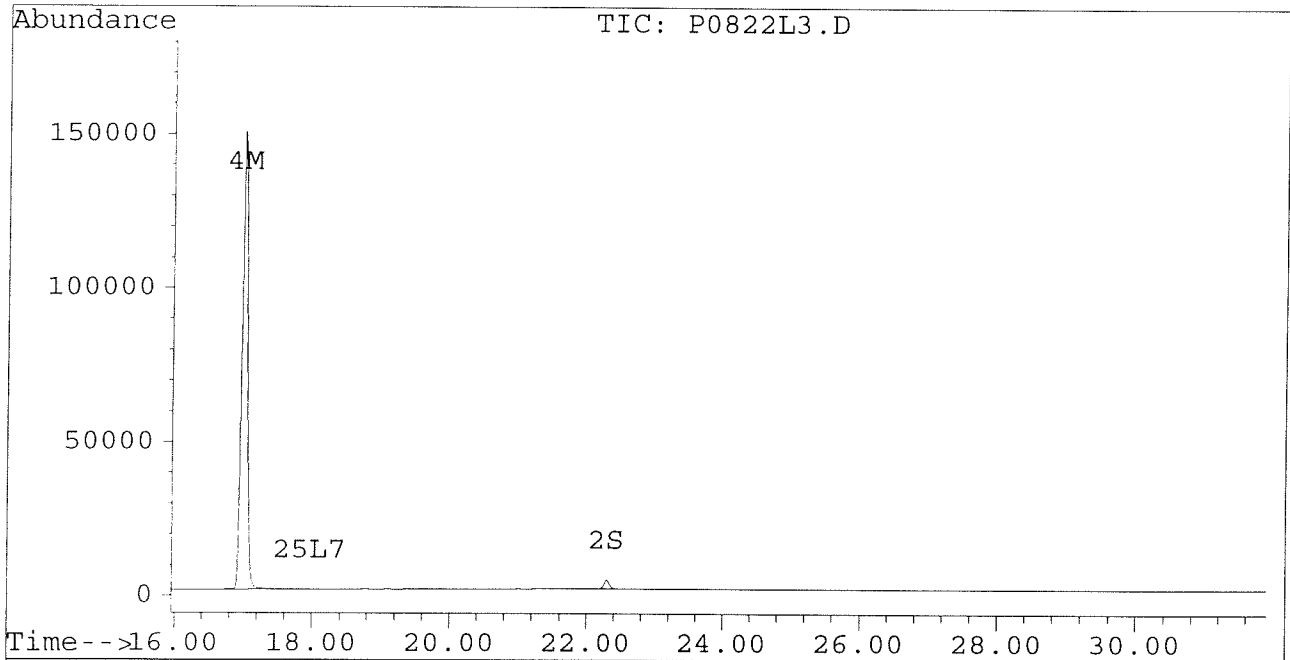
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0822L3.D  
Signal #2 : D:\HPCHEM\5\AU29\P0822L3.D\CONFIRM.D  
Acq On : 31 Aug 96 02:21 AM  
Sample : AQUEOUS LCS  
Misc : 1L/10ML PCB ANALYSIS  
Quant Time: Aug 31 2:55 1996

Vial: 59  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM





Response Factor Report ECD1

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Initial Calibration

Calibration Files

0.5 =PCB4.D 0.1 =PCB5.D 1.0 =PCB3.D  
 2.5 =PCB2.D 5.0 =PCB1.D

Compound		0.5	0.1	1.0	2.5	5.0	Avg		%RSD
1) S	Tetrachloro-m-xylene	226.3	184.4	228.7	269.8	284.7	238.8	E3	16.60 ↘
2) S	Decachlorobiphenyl	214.7	207.9	220.7	207.8	206.0	211.4	E3	2.90 ↘
3) M	2,4,4'-Trichlorobiphe	117.1	118.3	110.2	103.3	98.8	109.5	E3	7.77 ↘
4) M	2,2',3,3',4,4'-Hexach	196.6	196.5	192.9	178.1	170.4	186.9	E3	6.39 ↘
5) L1	Aroclor-1016	35.1	37.6	32.6	29.2	25.7	32.0	E3	14.71 ↘
6) L1	Aroclor-1016 {2}	17.5	16.9	17.8	18.1	17.4	17.5	E3	2.54 ↘
7) L1	Aroclor-1016 {3}	27.5	29.1	26.4	24.4	22.2	25.9	E3	10.41 ↘
8) L2	Aroclor-1221	6.1	7.5	7.4	6.5	7.5	7.0	E3	9.16
9) L2	Aroclor-1221 {2}	5.3	6.7	6.2	5.3	5.8	5.8	E3	10.37
10) L2	Aroclor-1221 {3}	19.0	24.0	21.5	17.8	18.8	20.2	E3	12.51
11) L3	Aroclor-1232	20.1	20.1	18.5	16.5	16.0	18.2	E3	10.50
12) L3	Aroclor-1232 {2}	14.9	14.8	13.7	12.6	12.2	13.6	E3	9.04
13) L3	Aroclor-1232 {3}	8.6	8.2	8.2	8.0	8.3	8.3	E3	2.53
14) L4	Aroclor-1242	43.2	43.7	42.4	41.1	36.6	41.4	E3	6.94 ↘
15) L4	Aroclor-1242 {2}	20.5	22.4	19.5	18.5	16.4	19.5	E3	11.53 ↘
16) L4	Aroclor-1242 {3}	17.4	17.9	16.9	16.9	15.3	16.9	E3	5.77 ↘
17) L5	Aroclor-1248	34.8	37.5	31.9	29.4	25.5	31.8	E3	14.67 ↘
18) L5	Aroclor-1248 {2}	29.5	29.4	27.7	26.7	23.6	27.4	E3	8.80 ↘
19) L5	Aroclor-1248 {3}	36.9	36.9	35.1	34.3	30.8	34.8	E3	7.20 ↘
20) L6	Aroclor-1254	31.8	36.1	31.0	29.4	28.0	31.2	E3	9.85 ↘
21) L6	Aroclor-1254 {2}	42.3	44.0	43.6	43.5	42.5	43.2	E3	1.70 ↘
22) L6	Aroclor-1254 {3}	30.5	31.6	32.0	33.0	33.5	32.1	E3	3.65 ↘
23) L7	Aroclor-1260	37.2	38.4	35.4	32.8	29.7	34.7	E3	10.02 ↘
24) L7	Aroclor-1260 {2}	43.3	43.7	41.8	38.6	35.8	40.7	E3	8.27 ↘
25) L7	Aroclor-1260 {3}	58.6	54.7	60.7	58.5	56.5	57.8	E3	3.93 ↘
26) L8	Aroclor-1268	0.0	0.0	0.0	0.0	0.0	0.0		-1.00
27) L8	Aroclor-1268 {2}	0.0	0.0	0.0	0.0	0.0	0.0		-1.00
28) L8	Aroclor-1268 {3}	0.0	0.0	0.0	0.0	0.0	0.0		-1.00

Signal #2 Calibration Files

0.5 =CONFIRM.D 0.1 =CONFIRM.D 1.0 =CONFIRM.D  
 2.5 =CONFIRM.D 5.0 =CONFIRM.D

Compound		0.5	0.1	1.0	2.5	5.0	Avg		%RSD
1) S	Tetrachloro-m-xylene	176.3	162.5	184.2	209.7	222.0	191.0	E3	12.78 ↘
2) S	Decachlorobiphenyl	91.1	92.5	91.3	83.1	84.2	88.4	E3	5.03 ↘
3) M	2,4,4'-Trichlorobiphe	101.8	102.4	96.3	91.2	87.1	95.8	E3	6.93 ↘
4) M	2,2',3,3',4,4'-Hexach	164.9	161.0	162.1	150.2	146.6	156.9	E3	5.14 ↘
5) L1	Aroclor-1016	14.5	15.3	13.8	12.5	11.2	13.5	E3	12.26 ↘
6) L1	Aroclor-1016 {2}	30.3	33.4	28.4	25.2	22.3	27.9	E3	15.47 ↘
7) L1	Aroclor-1016 {3}	17.9	18.4	17.6	16.8	15.7	17.3	E3	6.03 ↘
8) L2	Aroclor-1221	5.5	6.7	6.4	5.6	6.3	6.1	E3	8.72
9) L2	Aroclor-1221 {2}	4.5	5.6	5.2	4.4	4.7	4.9	E3	10.07
10) L2	Aroclor-1221 {3}	14.7	18.4	16.2	13.5	14.0	15.4	E3	12.95

Response Factor Report ECD1

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Initial Calibration

Calibration Files

0.5 =CONFIRM.D 0.1 =CONFIRM.D 1.0 =CONFIRM.D  
 2.5 =CONFIRM.D 5.0 =CONFIRM.D

Compound		0.5	0.1	1.0	2.5	5.0	Avg		%RSD
11)	L3 Aroclor-1232	15.7	16.0	14.4	13.1	12.4	14.3	E3	11.11
12)	L3 Aroclor-1232 {2}	13.2	13.6	12.0	11.0	10.4	12.0	E3	11.48
13)	L3 Aroclor-1232 {3}	7.2	7.1	6.9	6.7	6.8	6.9	E3	2.86
14)	L4 Aroclor-1242	30.1	32.8	29.7	29.5	26.9	29.8	E3	7.14<
15)	L4 Aroclor-1242 {2}	13.4	15.1	13.0	12.8	11.8	13.2	E3	9.00<
16)	L4 Aroclor-1242 {3}	13.6	15.0	13.1	13.0	11.9	13.3	E3	8.67~
17)	L5 Aroclor-1248	23.9	24.2	22.4	22.1	20.1	22.5	E3	7.27~
18)	L5 Aroclor-1248 {2}	24.3	24.4	23.3	23.4	21.3	23.3	E3	5.25~
19)	L5 Aroclor-1248 {3}	17.8	17.4	17.5	18.6	17.9	17.9	E3	2.53~
20)	L6 Aroclor-1254	27.4	31.3	26.9	25.5	24.1	27.0	E3	10.02~
21)	L6 Aroclor-1254 {2}	29.8	33.8	28.9	27.0	26.0	29.1	E3	10.41~
22)	L6 Aroclor-1254 {3}	38.8	41.2	40.1	39.8	39.1	39.8	E3	2.40~
23)	L7 Aroclor-1260	33.9	35.2	32.3	30.3	28.1	32.0	E3	8.90~
24)	L7 Aroclor-1260 {2}	37.6	39.6	36.6	34.2	31.9	36.0	E3	8.40~
25)	L7 Aroclor-1260 {3}	53.8	53.0	54.9	53.8	51.9	53.5	E3	2.09~
26)	L8 Aroclor-1268	0.0	4.3	0.0	0.0	0.0	0.9	E3	223.61
27)	L8 Aroclor-1268 {2}	0.0	0.0	0.0	0.0	0.0	0.0		-1.00
28)	L8 Aroclor-1268 {3}	0.0	0.0	0.0	0.0	0.0	0.0		-1.00

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG1.D  
 Signal #2 : D:\HPCHEM\5\AU20\COG1.D\CONFIRM.D  
 Acq On : 20 Aug 96 08:47 PM  
 Sample : PCB COGENERATORS 1.0 UG/ML  
 Misc : PW960820A  
 Quant Time: Aug 21 11:22 1996

Vial: 10  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	24398	19743	0.109	0.114
			Recovery	=	272.50%	285.00%
2) S Decachlorobiphenyl	22.30	30.72	16811	6604	0.086	0.077
			Recovery	=	215.00%	192.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.79	98765	87122	3.540m	3.658m
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	170436	146562	3.823	4.239
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG1.D  
 Signal #2 : D:\HPCHEM\5\AU20\COG1.D\CONFIRM.D  
 Acq On : 20 Aug 96 08:47 PM  
 Sample : PCB COGENERATORS 1.0 UG/ML  
 Misc : PW960820A  
 Quant Time: Aug 21 11:22 1996

Vial: 10  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

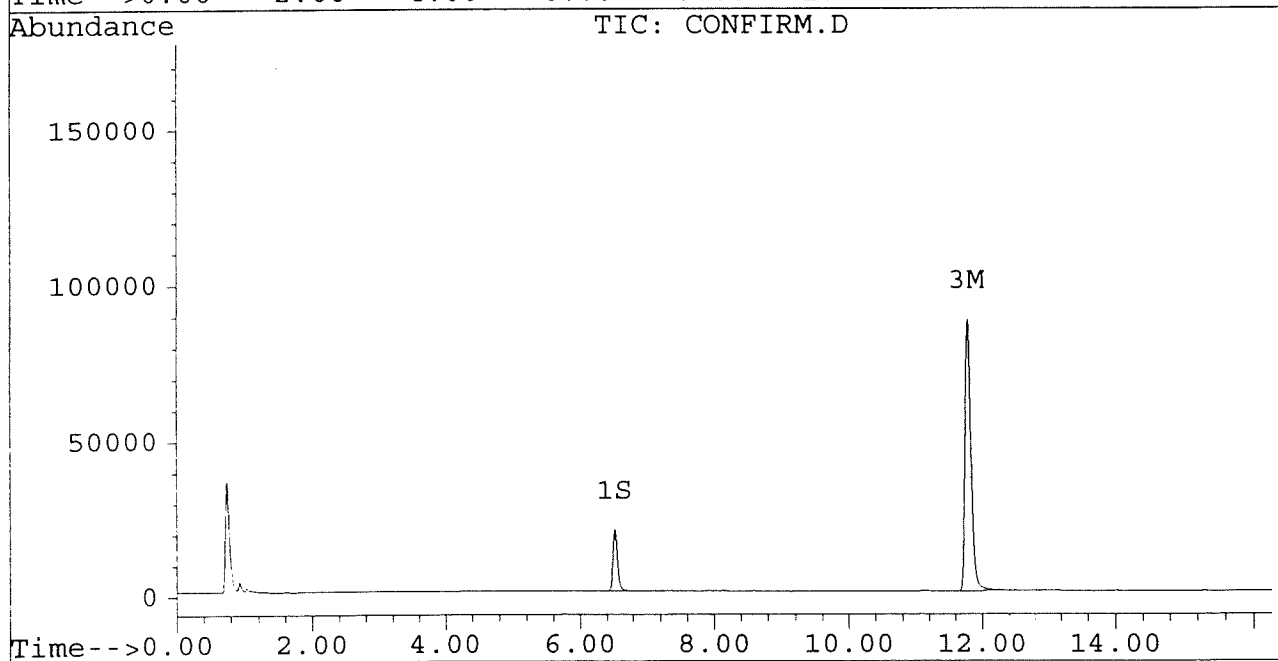
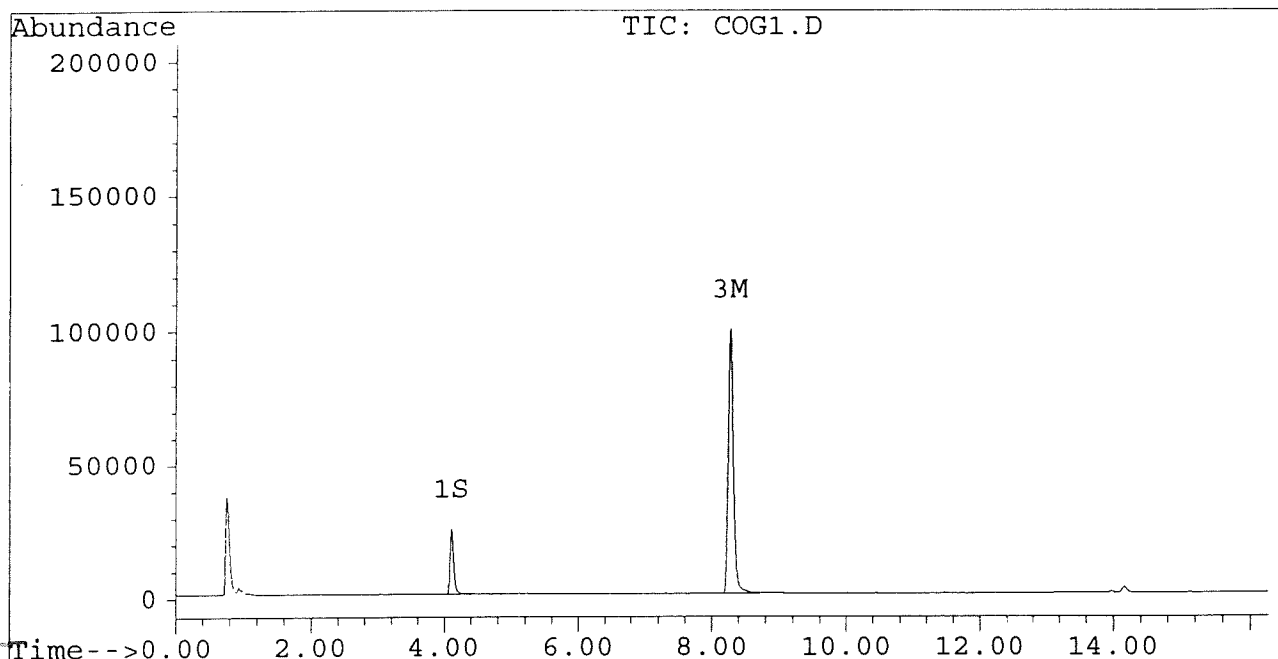
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG1.D  
Signal #2 : D:\HPCHEM\5\AU20\COG1.D\CONFIRM.D  
Acq On : 20 Aug 96 08:47 PM  
Sample : PCB COGENERS 1.0 UG/ML  
Misc : PW960820A  
Quant Time: Aug 21 11:22 1996

Vial: 10  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



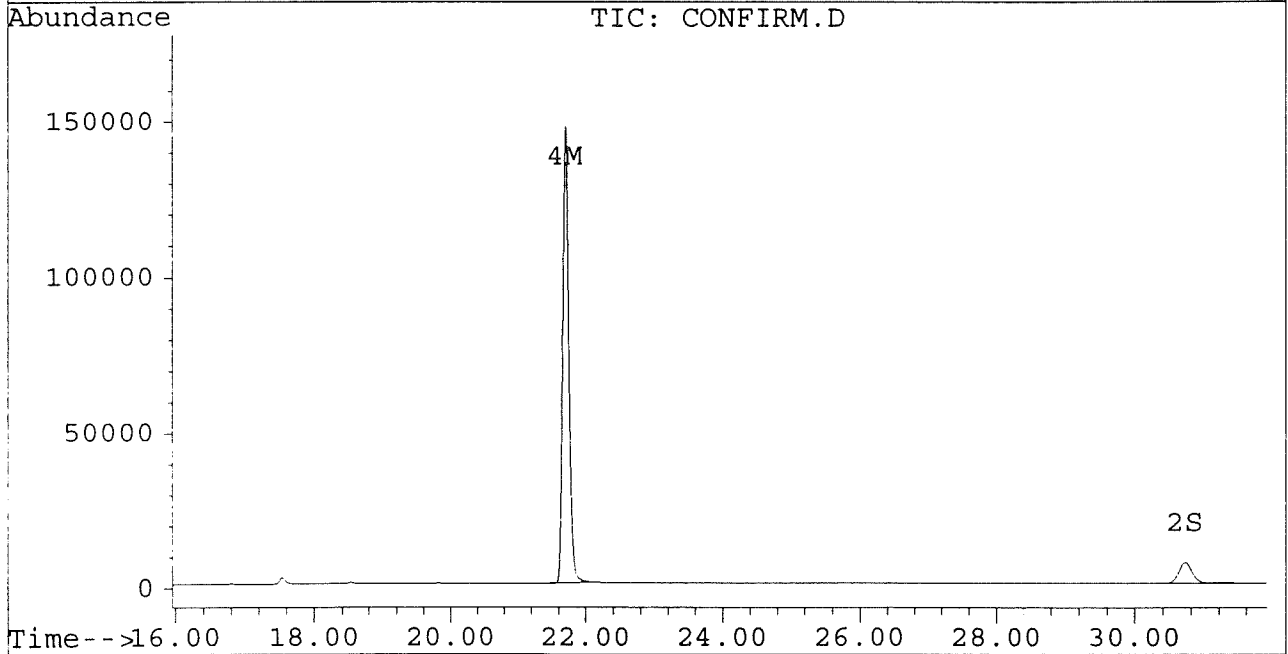
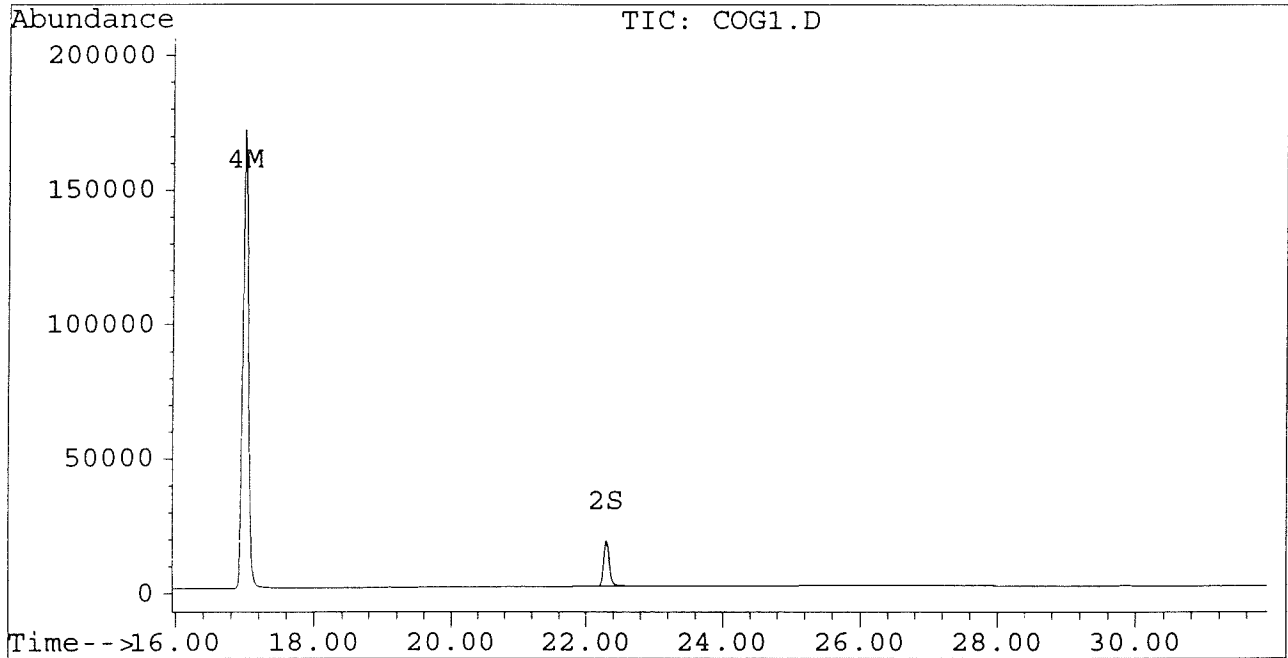
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG1.D  
Signal #2 : D:\HPCHEM\5\AU20\COG1.D\CONFIRM.D  
Acq On : 20 Aug 96 08:47 PM  
Sample : PCB COGENERERS 1.0 UG/ML  
Misc : PW960820A  
Quant Time: Aug 21 11:22 1996

Vial: 10  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG2.D  
 Signal #2 : D:\HPCHEM\5\AU20\COG2.D\CONFIRM.D  
 Acq On : 20 Aug 96 09:23 PM  
 Sample : PCB COGENERATORS 0.5 UG/ML  
 Misc : PW960820B  
 Quant Time: Aug 21 11:23 1996

Vial: 11  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	10930	8796	0.049	0.051
			Recovery	=	122.50%	127.50%
2) S Decachlorobiphenyl	22.30	30.72	8108	3193	0.041	0.037
			Recovery	=	102.50%	92.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.79	51632	45624	1.851	1.916
4) M 2,2',3,3',4,4'-Hexa	17.00	21.70	89061	75077	1.998	2.171
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
-----						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 COG2.D PCB1G.M Wed Aug 21 12:55:11 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG2.D  
 Signal #2 : D:\HPCHEM\5\AU20\COG2.D\CONFIRM.D  
 Acq On : 20 Aug 96 09:23 PM  
 Sample : PCB COGENERES 0.5 UG/ML  
 Misc : PW960820B  
 Quant Time: Aug 21 11:23 1996

Vial: 11  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



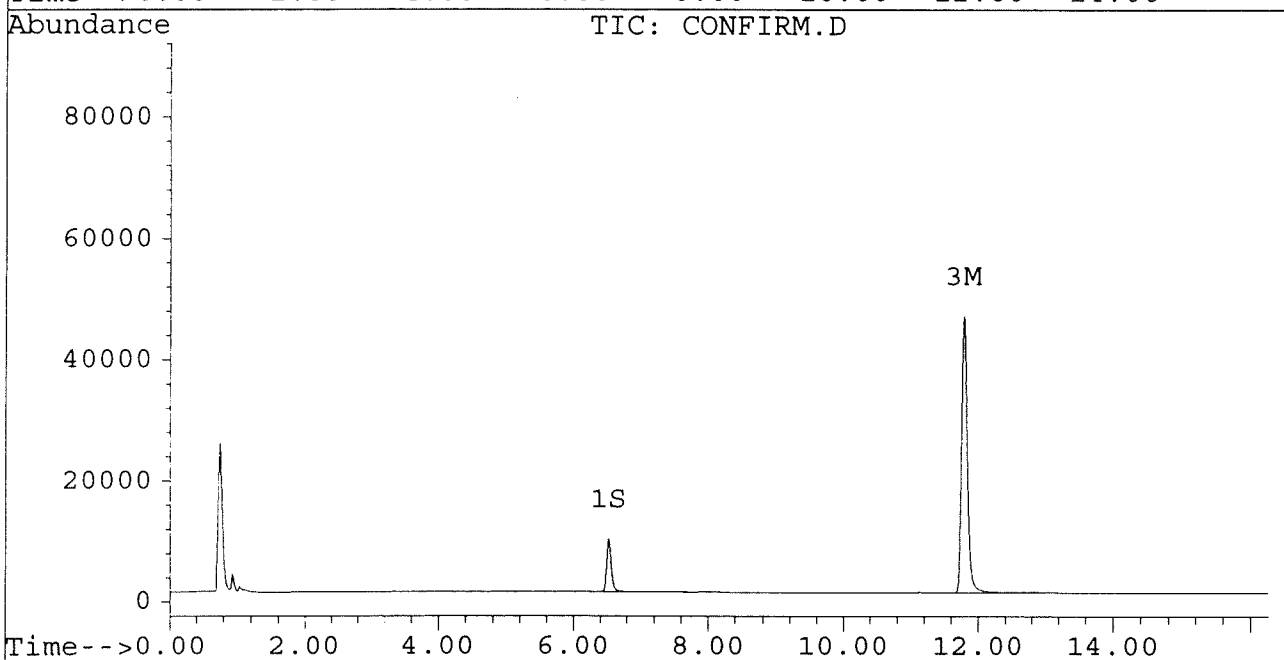
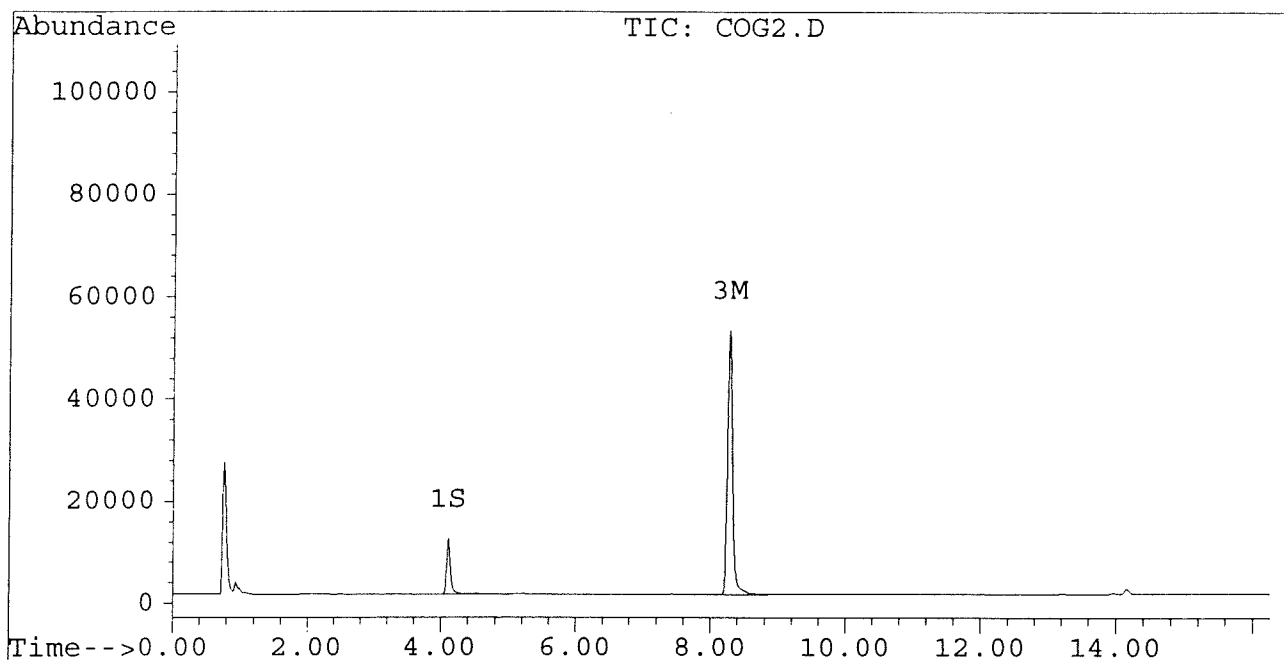
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG2.D  
Signal #2 : D:\HPCHEM\5\AU20\COG2.D\CONFIRM.D  
Acq On : 20 Aug 96 09:23 PM  
Sample : PCB COGENERS 0.5 UG/ML  
Misc : PW960820B  
Quant Time: Aug 21 11:23 1996

Vial: 11  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

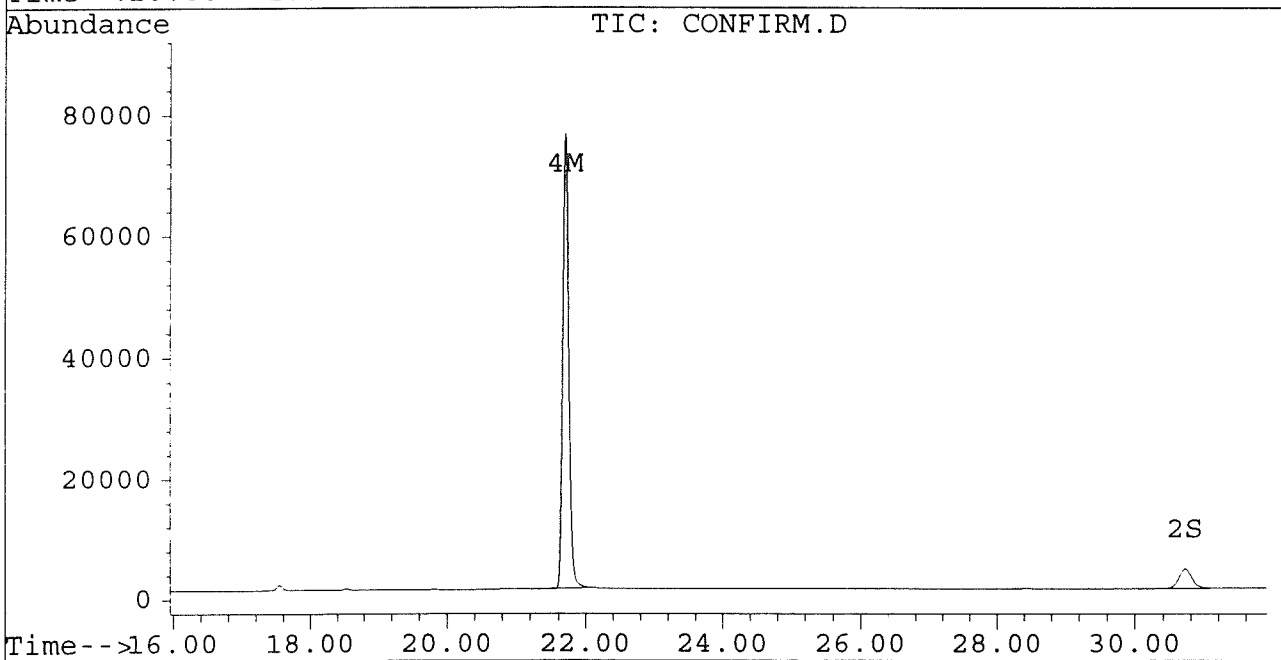
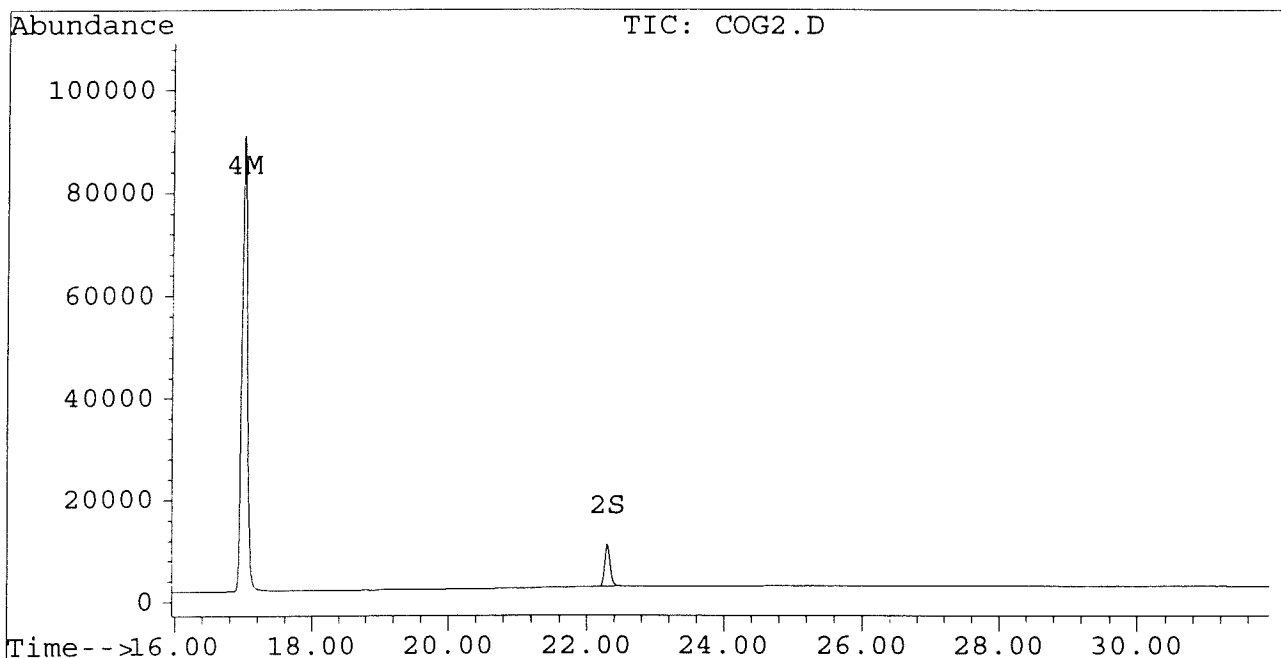
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Signal #2 : D:\HPCHEM\5\AU20\COG2.D\CONFIRM.D  
Acq On : 20 Aug 96 09:23 PM  
Sample : PCB COGENERS 0.5 UG/ML  
Misc : PW960820B  
Quant Time: Aug 21 11:23 1996

Vial: 11  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG3.D  
 Signal #2 : D:\HPCHEM\5\AU20\COG3.D\CONFIRM.D  
 Acq On : 20 Aug 96 09:58 PM  
 Sample : PCB COGENERATORS 0.25 UG/ML  
 Misc : PW960820C  
 Quant Time: Aug 21 11:16 1996

Vial: 12  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	4906	4043	0.022	0.023
			Recovery	=	55.00%	57.50%
2) S Decachlorobiphenyl	22.30	30.72	4130	1691	0.021	0.020
			Recovery	=	52.50%	50.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.79	27542	24070	0.987	1.011
4) M 2,2',3,3',4,4'-Hexa	17.00	21.70	48226	40525	1.082	1.172
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG3.D  
 Signal #2 : D:\HPCHEM\5\AU20\COG3.D\CONFIRM.D  
 Acq On : 20 Aug 96 09:58 PM  
 Sample : PCB COGENERES 0.25 UG/ML  
 Misc : PW960820C  
 Quant Time: Aug 21 11:16 1996

Vial: 12  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

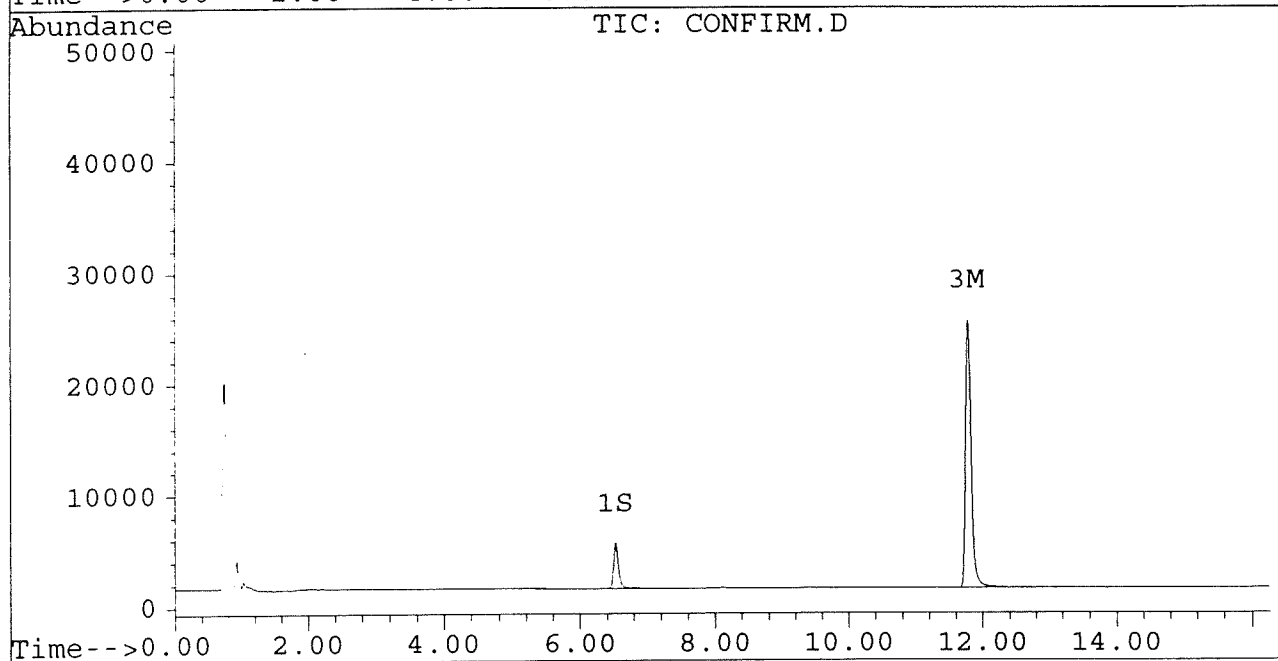
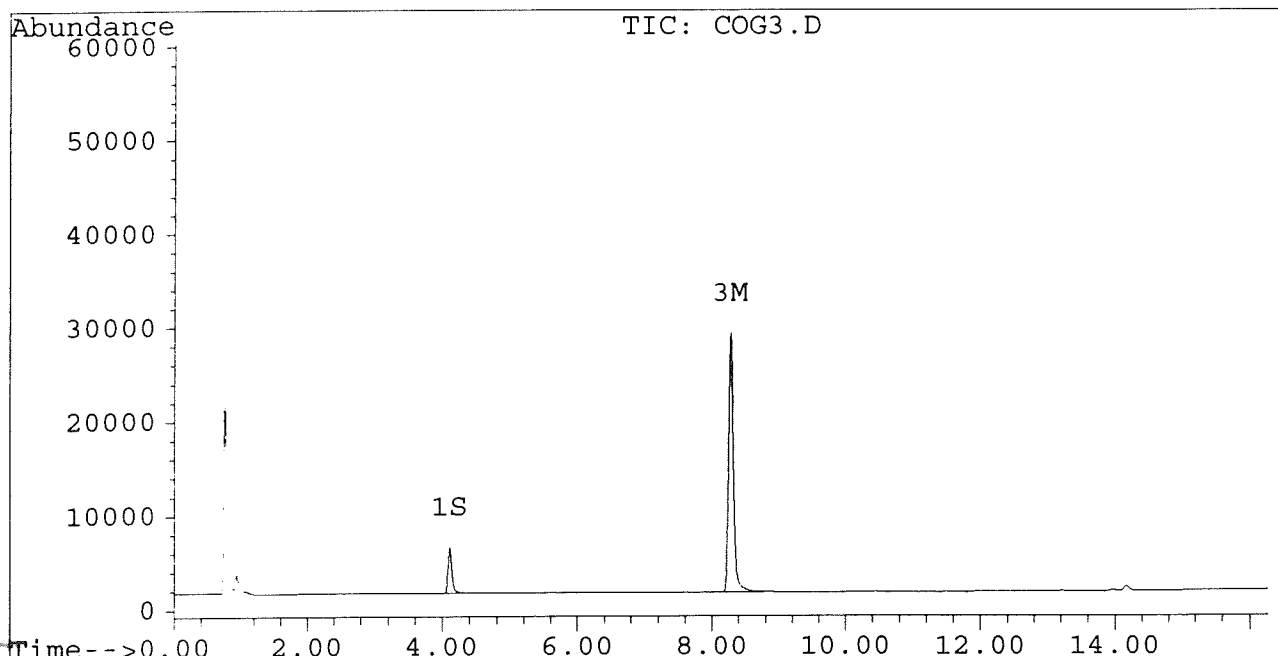
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG3.D  
Signal #2 : D:\HPCHEM\5\AU20\COG3.D\CONFIRM.D  
Acq On : 20 Aug 96 09:58 PM  
Sample : PCB COGENERS 0.25 UG/ML  
Misc : PW960820C  
Quant Time: Aug 21 11:16 1996

Vial: 12  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



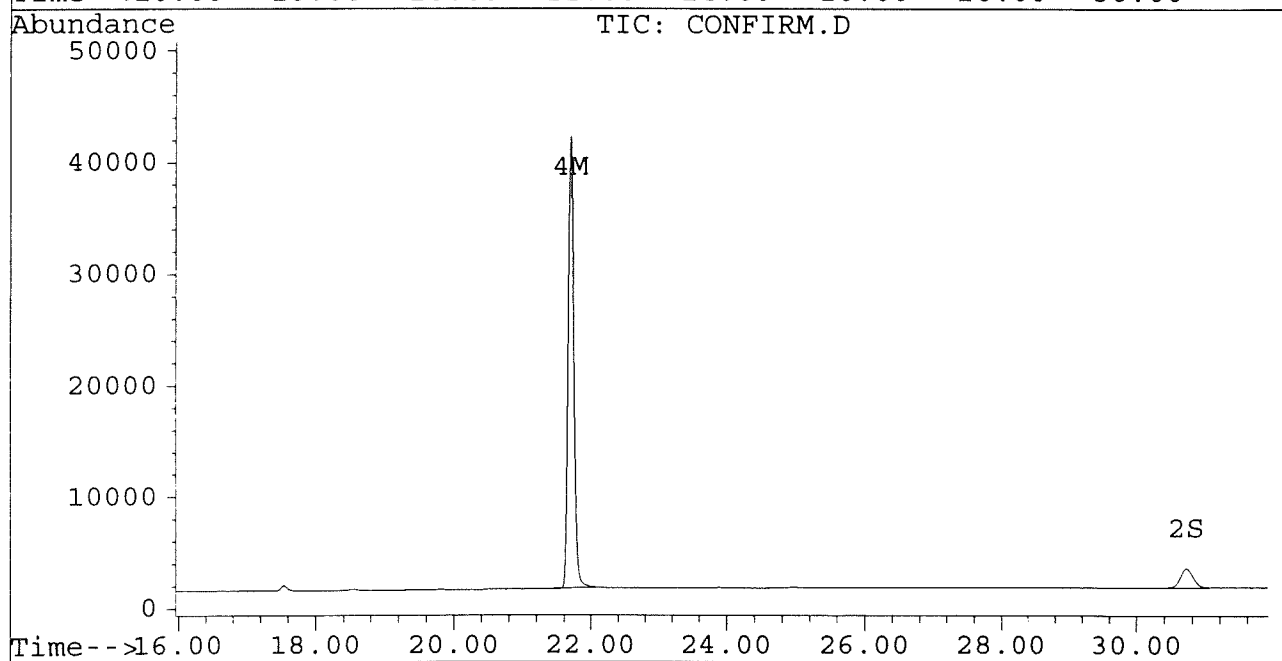
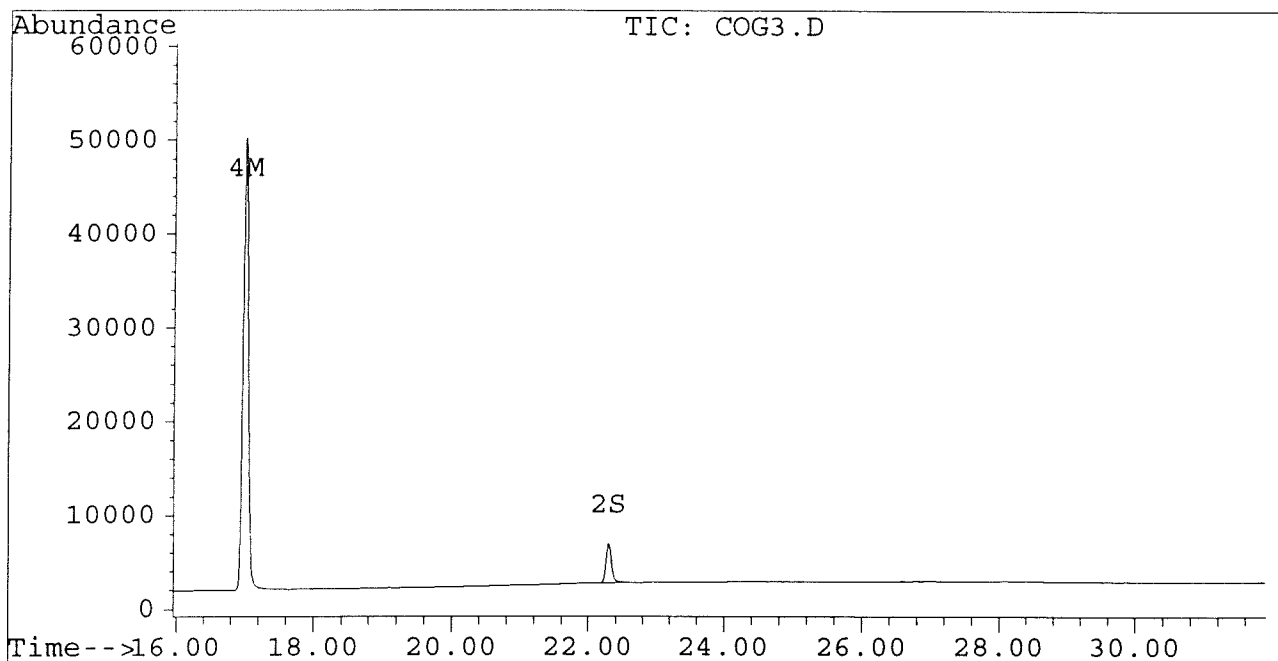
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG3.D  
Signal #2 : D:\HPCHEM\5\AU20\COG3.D\CONFIRM.D  
Acq On : 20 Aug 96 09:58 PM  
Sample : PCB COGENERS 0.25 UG/ML  
Misc : PW960820C  
Quant Time: Aug 21 11:16 1996

Vial: 12  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG4.D  
 Signal #2 : D:\HPCHEM\5\AU20\COG4.D\CONFIRM.D  
 Acq On : 20 Aug 96 10:34 PM  
 Sample : PCB COGENERATORS 0.1 UG/ML  
 Misc : PW960820D  
 Quant Time: Aug 21 11:25 1996

Vial: 13  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	1978	1584	0.009	0.009
			Recovery	=	22.50%	22.50%
2) S Decachlorobiphenyl	22.30	30.72	1725	740	0.009	0.009
			Recovery	=	22.50%	22.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.79	11714	10181	0.420	0.427
4) M 2,2',3,3',4,4'-Hexa	17.00	21.70	19664	16487	0.441	0.477
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG4.D  
 Signal #2 : D:\HPCHEM\5\AU20\COG4.D\CONFIRM.D  
 Acq On : 20 Aug 96 10:34 PM  
 Sample : PCB COGENERES 0.1 UG/ML  
 Misc : PW960820D  
 Quant Time: Aug 21 11:25 1996

Vial: 13  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



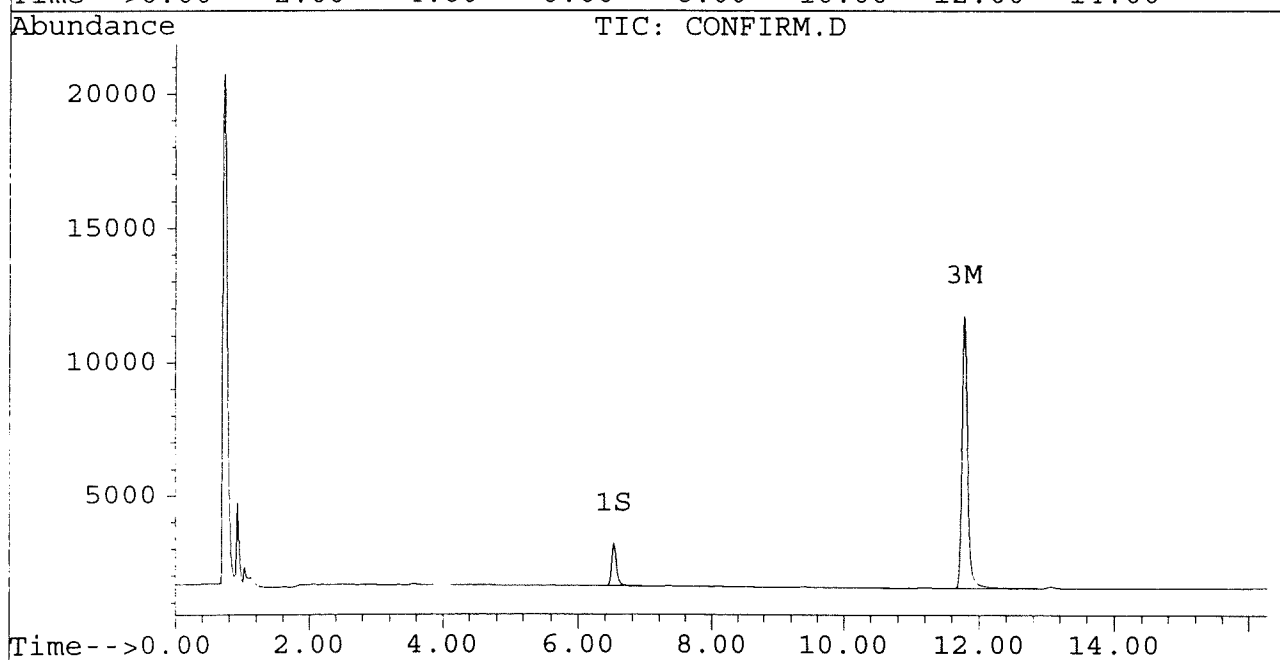
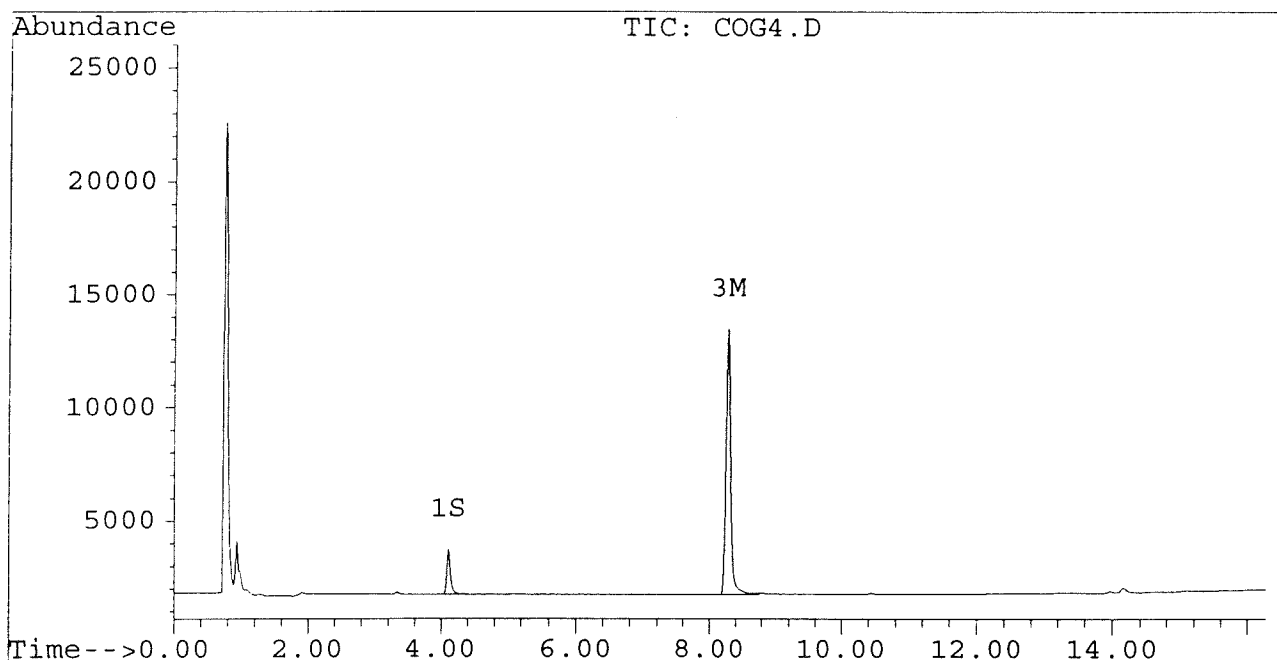
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG4.D  
Signal #2 : D:\HPCHEM\5\AU20\COG4.D\CONFIRM.D  
Acq On : 20 Aug 96 10:34 PM  
Sample : PCB COGENERS 0.1 UG/ML  
Misc : PW960820D  
Quant Time: Aug 21 11:25 1996

Vial: 13  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



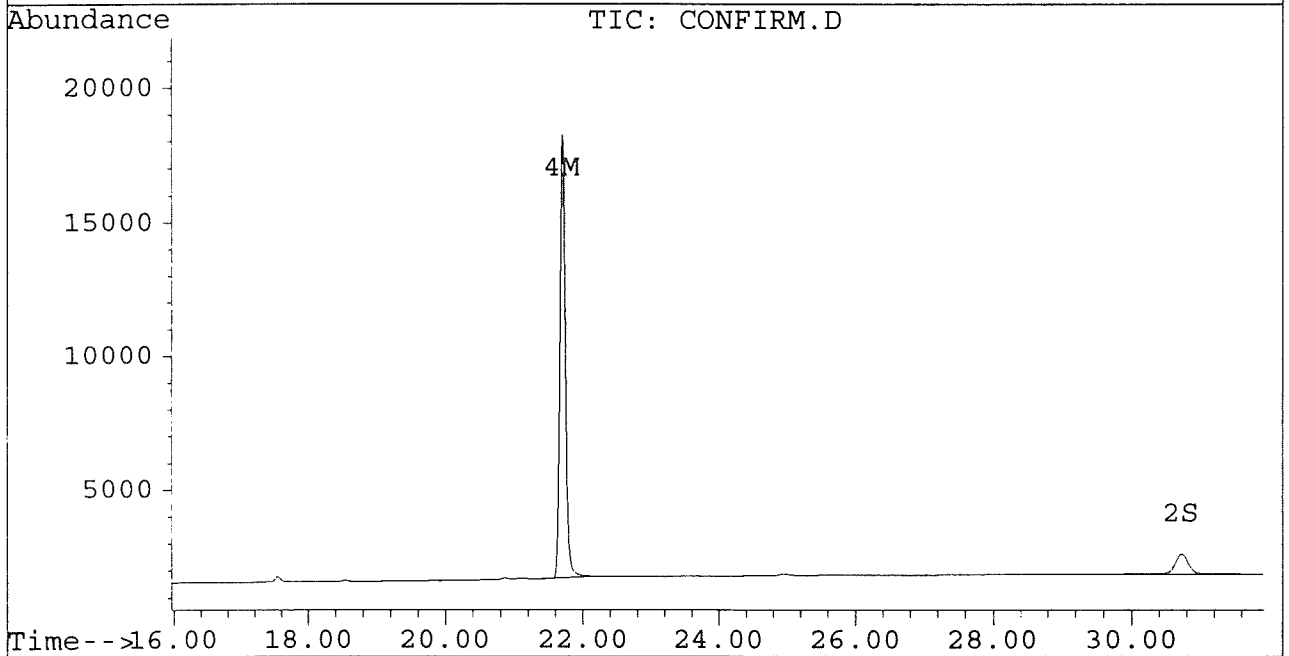
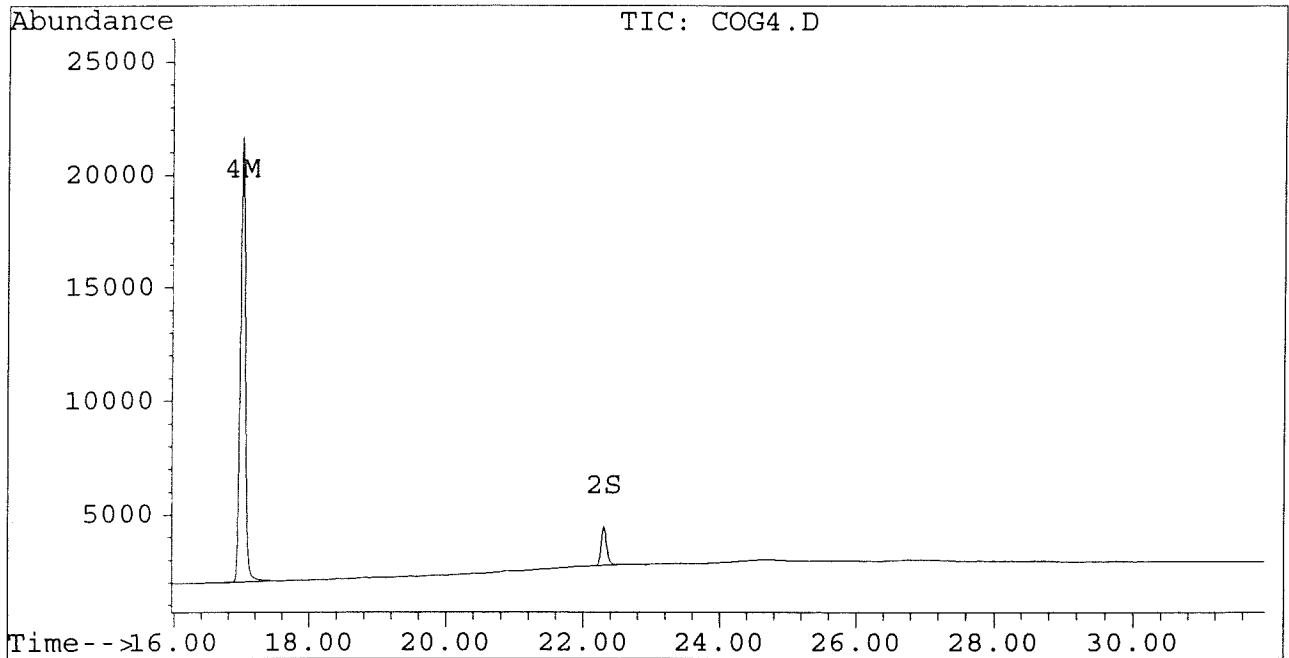
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG4.D  
Signal #2 : D:\HPCHEM\5\AU20\COG4.D\CONFIRM.D  
Acq On : 20 Aug 96 10:34 PM  
Sample : PCB COGENERATORS 0.1 UG/ML  
Misc : PW960820D  
Quant Time: Aug 21 11:25 1996

Vial: 13  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG5.D  
 Signal #2 : D:\HPCHEM\5\AU20\COG5.D\CONFIRM.D  
 Acq On : 20 Aug 96 11:09 PM  
 Sample : PCB COGENERATORS 0.05 UG/ML  
 Misc : PW960820D  
 Quant Time: Aug 21 11:26 1996

Vial: 14  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	965	788	0.004	0.005
			Recovery	=	10.00%	12.50%
2) S Decachlorobiphenyl	22.30	30.72	876	390	0.004	0.005
			Recovery	=	10.00%	12.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.79	5914	5122	0.212	0.215
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	9823	8051	0.220	0.233
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG5.D  
 Signal #2 : D:\HPCHEM\5\AU20\COG5.D\CONFIRM.D  
 Acq On : 20 Aug 96 11:09 PM  
 Sample : PCB COGENERATORS 0.05 UG/ML  
 Misc : PW960820D  
 Quant Time: Aug 21 11:26 1996

Vial: 14  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

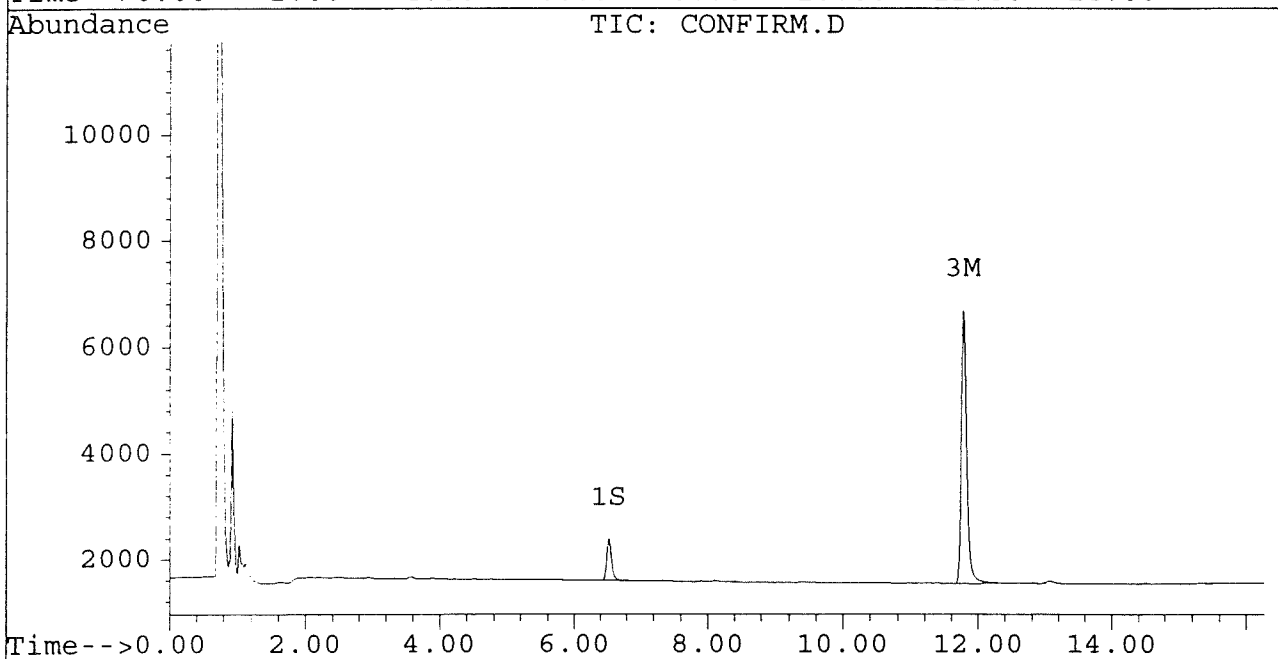
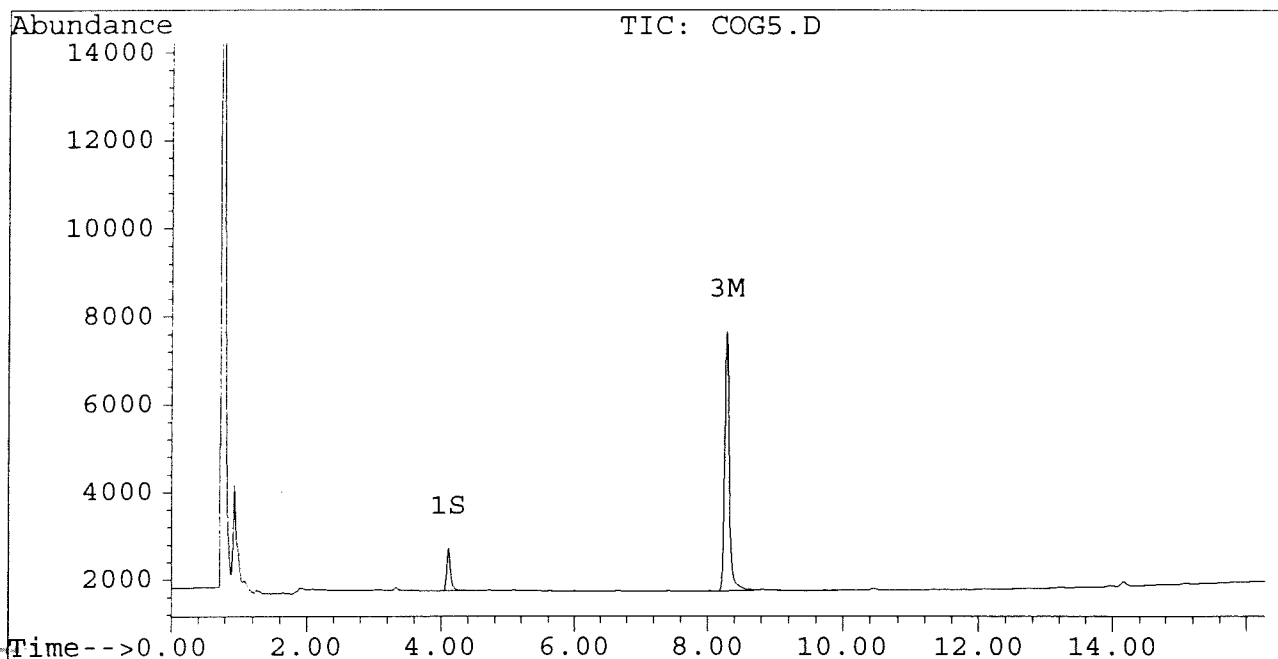
Signal #1 : D:\HPCHEM\5\AU20\COG5.D  
Signal #2 : D:\HPCHEM\5\AU20\COG5.D\CONFIRM.D  
Acq On : 20 Aug 96 11:09 PM  
Sample : PCB COGENERS 0.05 UG/ML  
Misc : PW960820D  
Quant Time: Aug 21 11:26 1996

Vial: 14  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



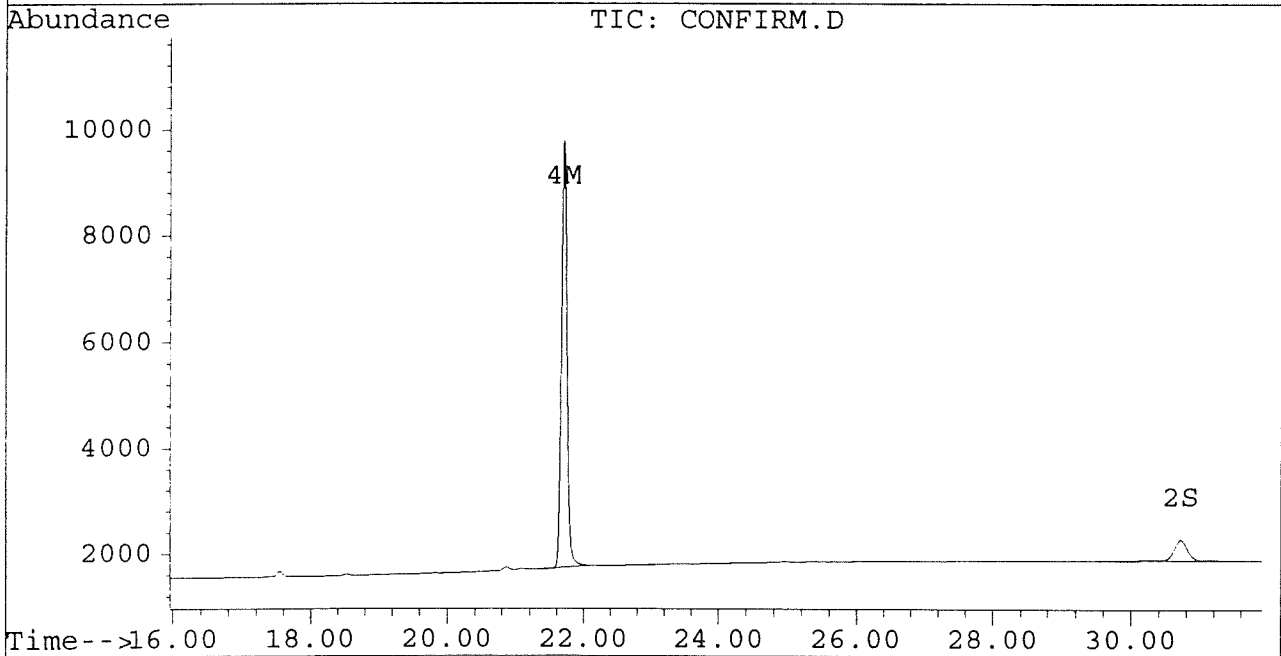
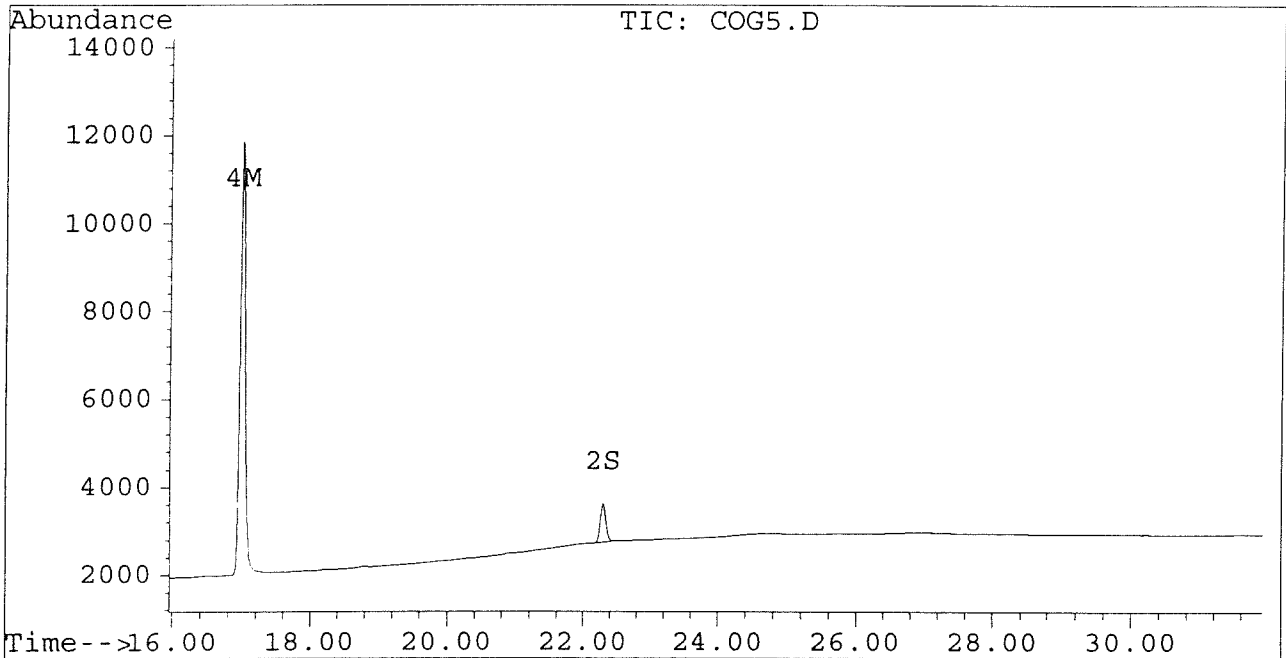
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\COG5.D  
Signal #2 : D:\HPCHEM\5\AU20\COG5.D\CONFIRM.D  
Acq On : 20 Aug 96 11:09 PM  
Sample : PCB COGENERATORS 0.05 UG/ML  
Misc : PW960820D  
Quant Time: Aug 21 11:26 1996

Vial: 14  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB6.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB6.D\CONFIRM.D  
 Acq On : 21 Aug 96 02:42 AM  
 Sample : AR1254 5.0 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:17 1996

Vial: 20  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.10	6.53	30080	23544	0.108	0.104
			Recovery	=	270.00%	260.00%
2) S Decachlorobiphenyl	22.30	30.72	21518	8837	0.094	0.091
			Recovery	=	235.00%	227.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB6.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB6.D\CONFIRM.D  
 Acq On : 21 Aug 96 02:42 AM  
 Sample : AR1254 5.0 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:17 1996

Vial: 20  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	46593	40082	1.589	1.652
21) L6 Aroclor-1254 {2}	13.48	15.83	70857	43274	1.731	1.622
22) L6 Aroclor-1254 {3}	15.87	17.69	55731	65108	1.827	1.749
Total Aroclor-1254			173181	148464	5.147	5.024
Average Aroclor-1254					1.716	1.675
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



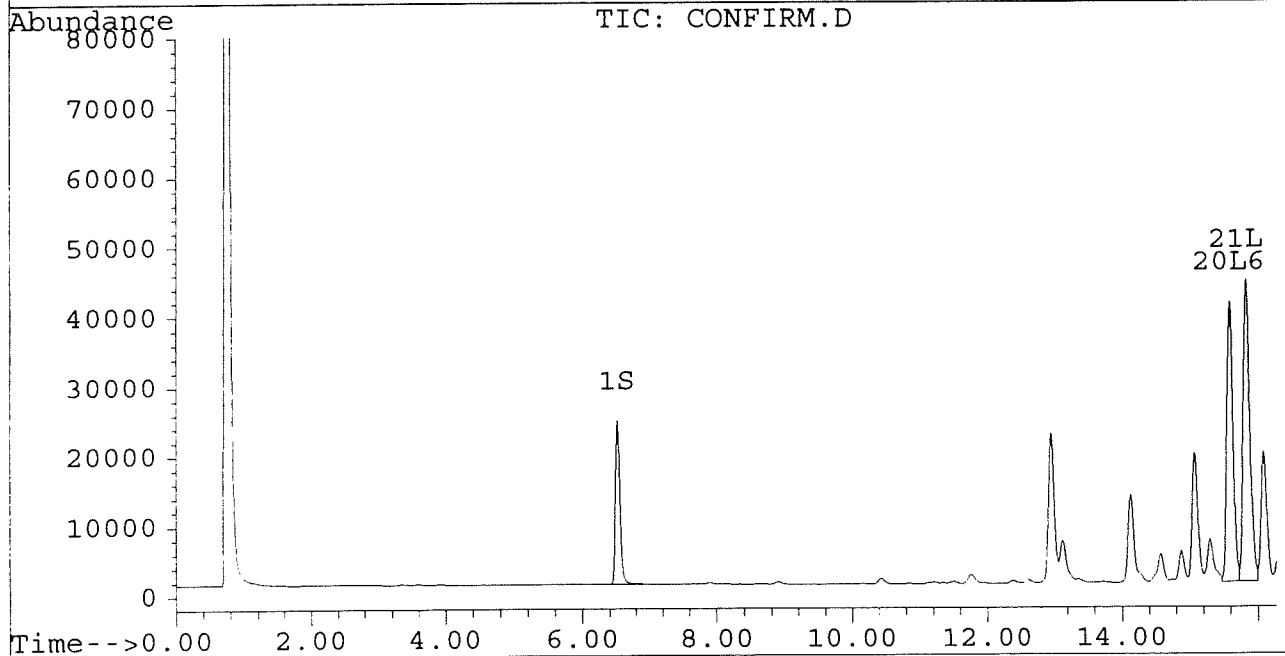
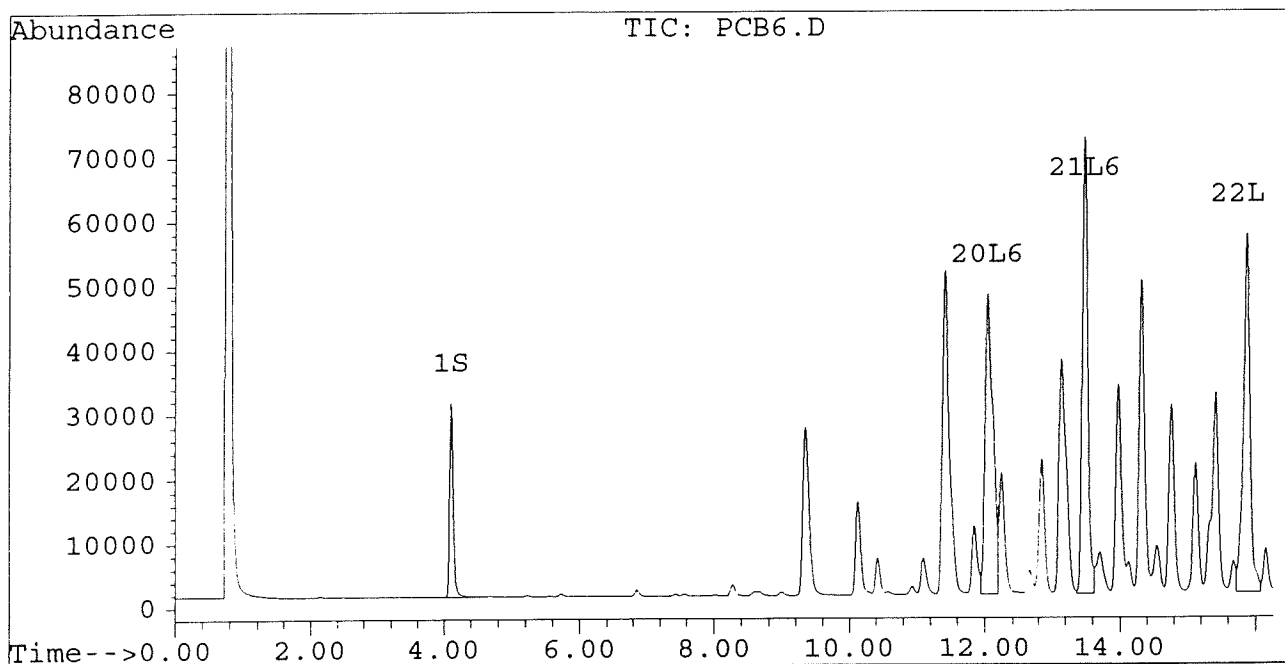
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB6.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB6.D\CONFIRM.D  
Acq On : 21 Aug 96 02:42 AM  
Sample : AR1254 5.0 UG/ML  
Misc :  
Quant Time: Aug 21 12:17 1996

Vial: 20  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



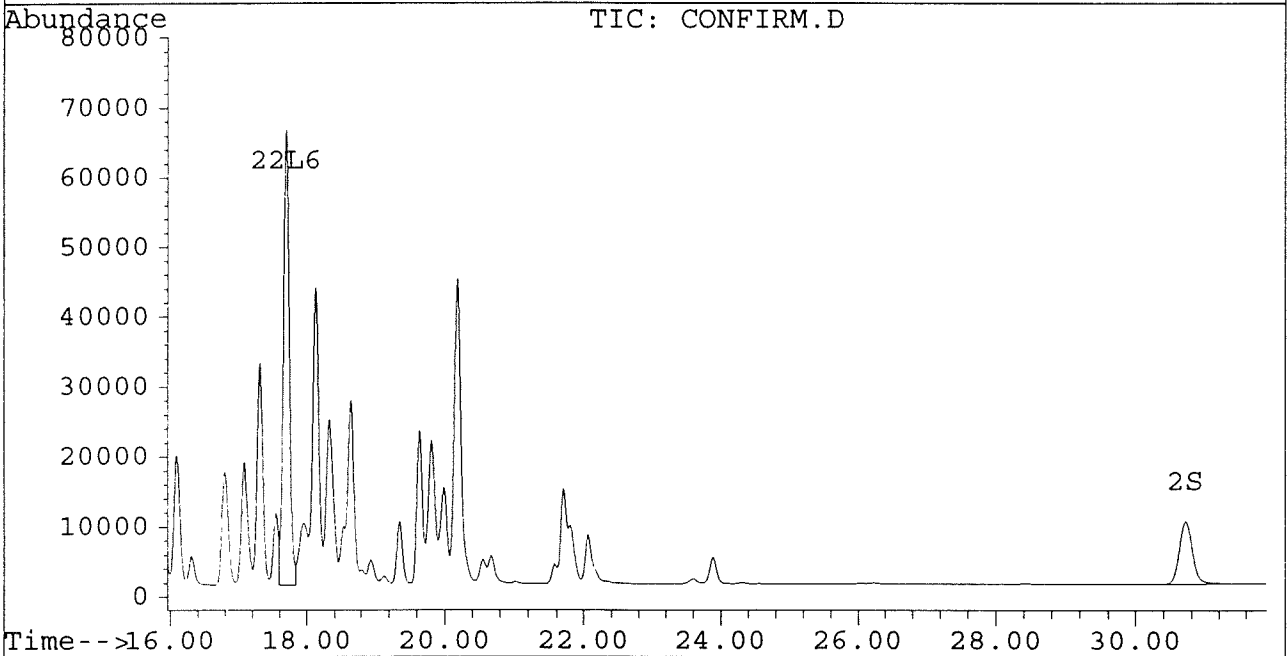
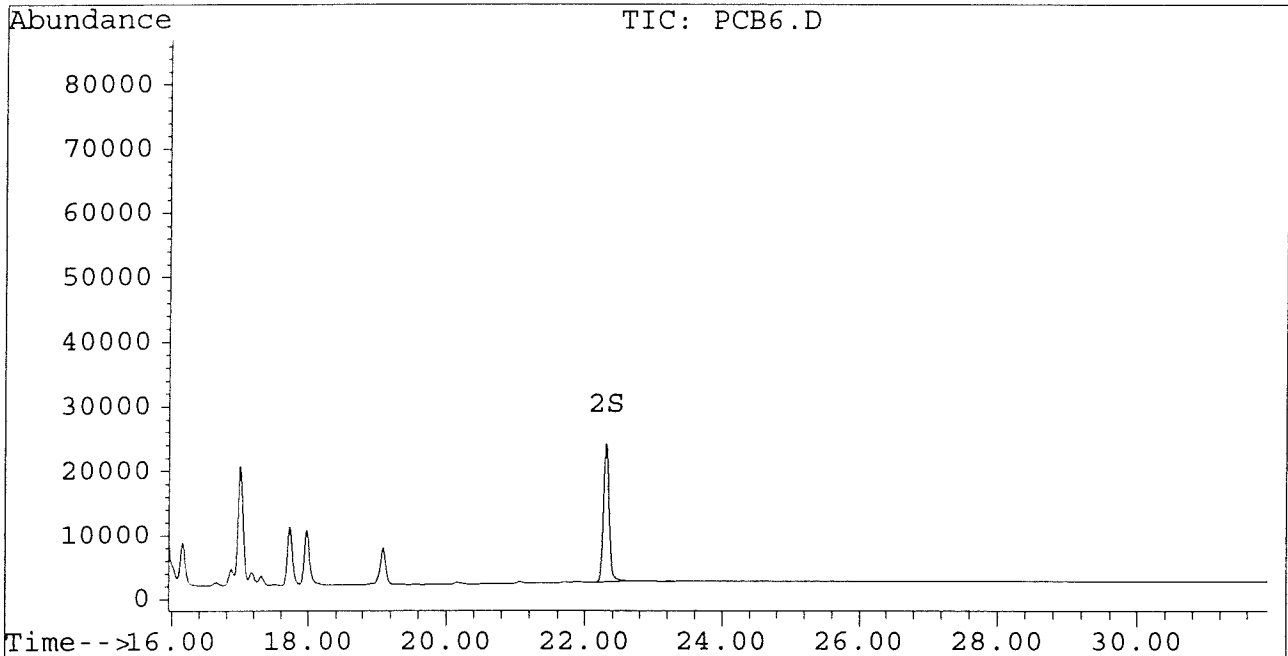
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB6.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB6.D\CONFIRM.D  
Acq On : 21 Aug 96 02:42 AM  
Sample : AR1254 5.0 UG/ML  
Misc :  
Quant Time: Aug 21 12:17 1996

Vial: 20  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB7.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB7.D\CONFIRM.D  
 Acq On : 21 Aug 96 03:18 AM  
 Sample : AR1254 2.5 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:18 1996

Vial: 21  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	13769	10645	0.050	0.047
			Recovery	=	125.00%	117.50%
2) S Decachlorobiphenyl	22.30	30.72	9940	4065	0.043	0.042
			Recovery	=	107.50%	105.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
-----						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB7.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB7.D\CONFIRM.D  
 Acq On : 21 Aug 96 03:18 AM  
 Sample : AR1254 2.5 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:18 1996

Vial: 21  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	24465	21240	0.834	0.876
21) L6 Aroclor-1254 {2}	13.48	15.83	36266	22524	0.886	0.844
22) L6 Aroclor-1254 {3}	15.87	17.69	27496	33183	0.902	0.892
Total Aroclor-1254			88227	76946	2.622	2.612
Average Aroclor-1254					0.874	0.871
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

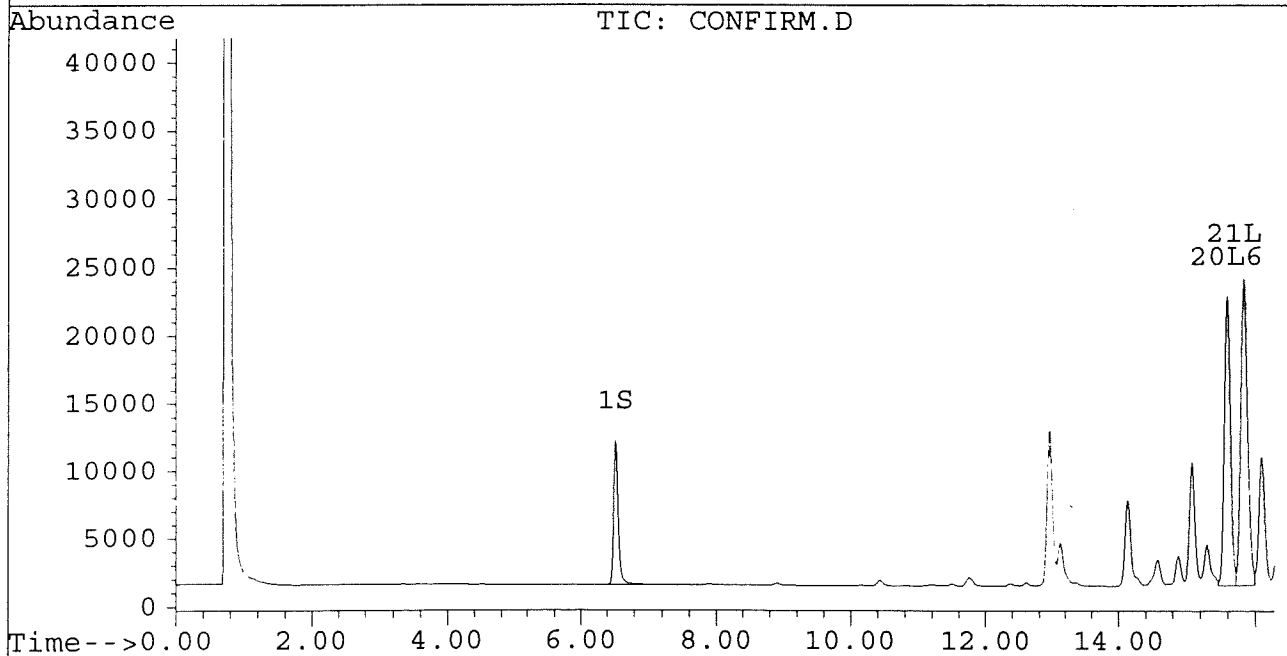
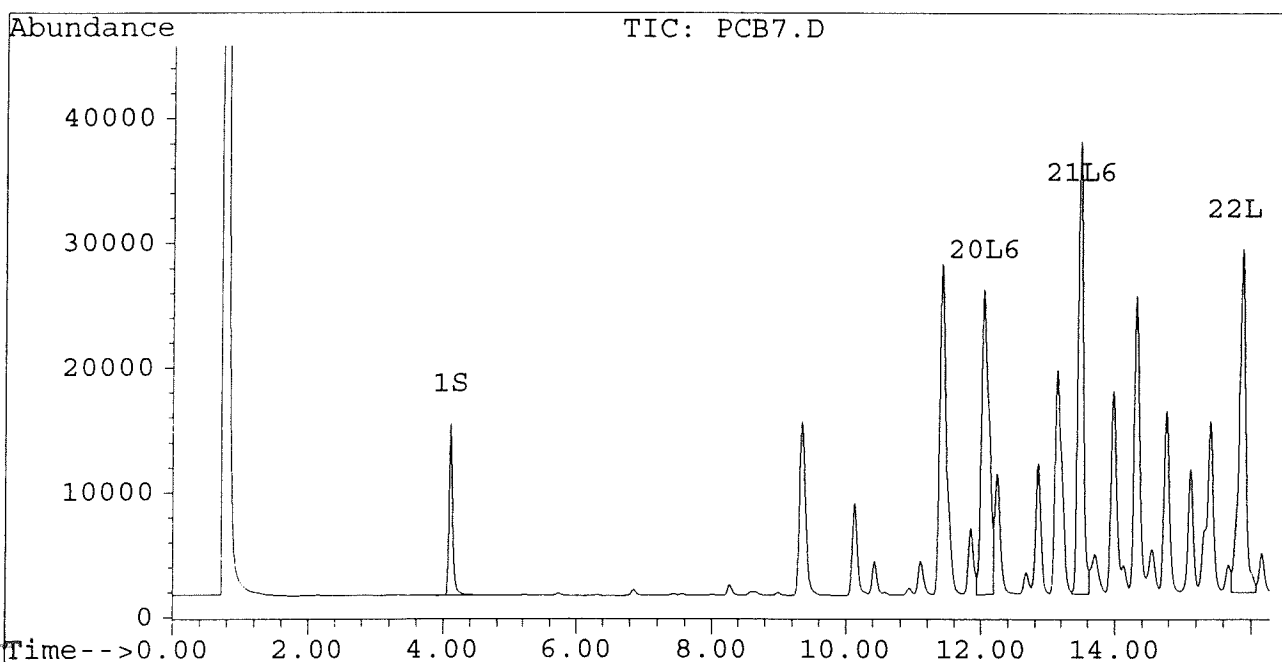
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB7.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB7.D\CONFIRM.D  
Acq On : 21 Aug-96 03:18 AM  
Sample : AR1254 2.5 UG/ML  
Misc :  
Quant Time: Aug 21 12:18 1996

Vial: 21  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



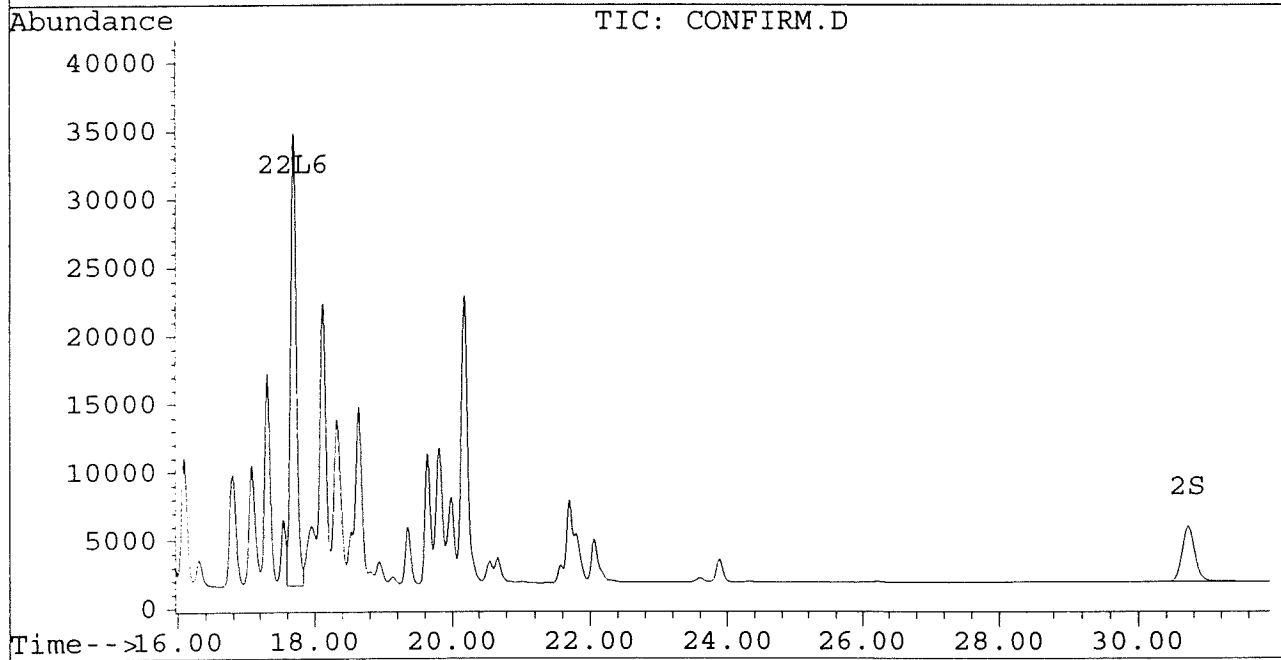
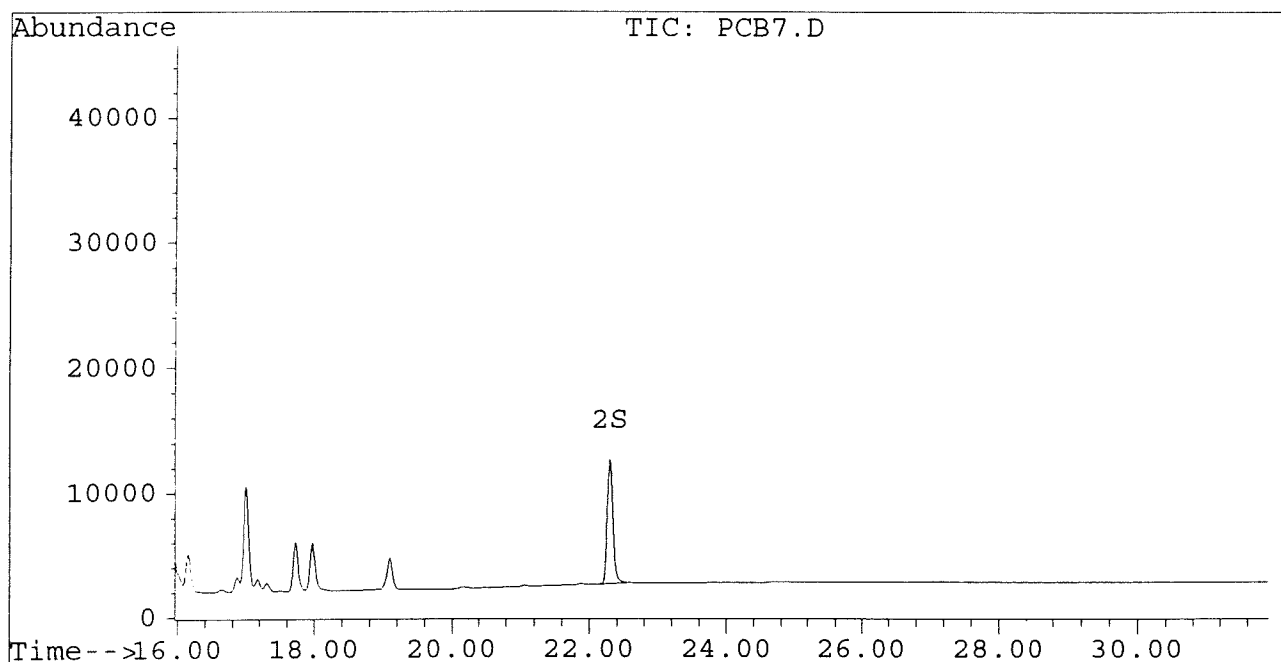
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB7.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB7.D\CONFIRM.D  
Acq On : 21 Aug 96 03:18 AM  
Sample : AR1254 2.5 UG/ML  
Misc :  
Quant Time: Aug 21 12:18 1996

Vial: 21  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB8.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB8.D\CONFIRM.D  
 Acq On : 21 Aug 96 03:54 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:19 1996

Vial: 22  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4757	3705	0.017	0.016
			Recovery	=	42.50%	40.00%
2) S Decachlorobiphenyl	22.30	30.72	4004	1667	0.017	0.017
			Recovery	=	42.50%	42.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB8.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB8.D\CONFIRM.D  
 Acq On : 21 Aug 96 03:54 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:19 1996

Vial: 22  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	10309	8942	0.351	0.369
21) L6 Aroclor-1254 {2}	13.48	15.83	14508	9617	0.354	0.361
22) L6 Aroclor-1254 {3}	15.87	17.69	10659	13366	0.349	0.359
Total Aroclor-1254			35476	31926	1.055	1.088
Average Aroclor-1254					0.352	0.363
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



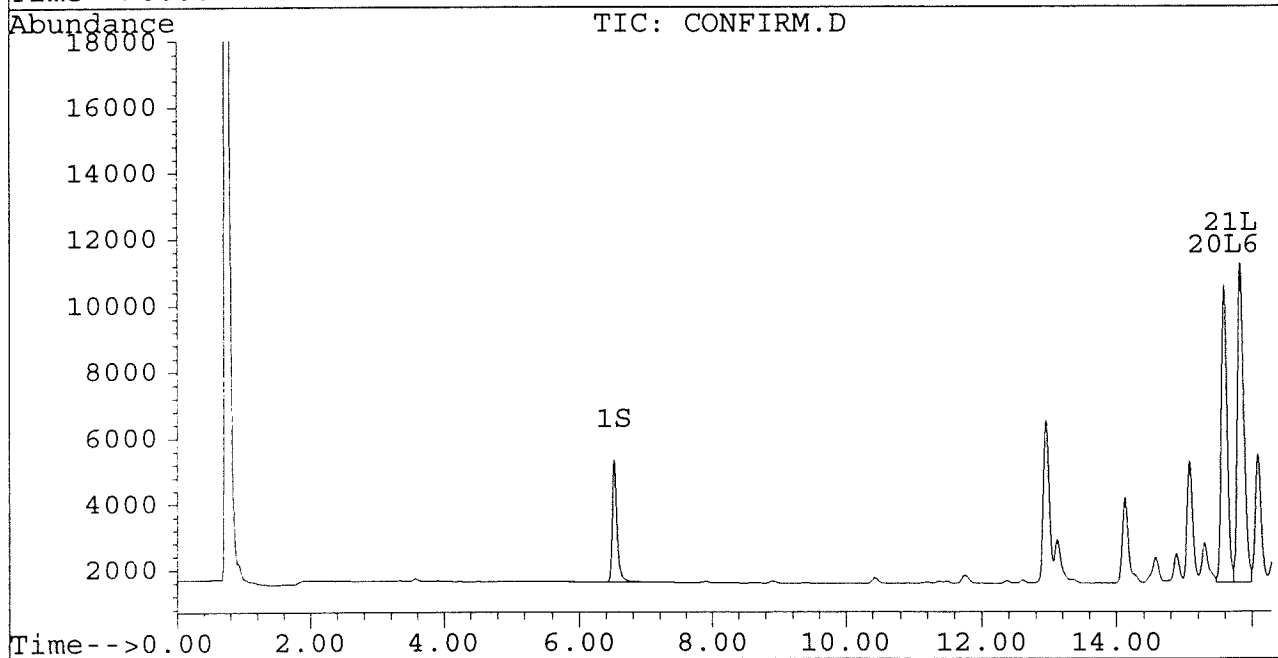
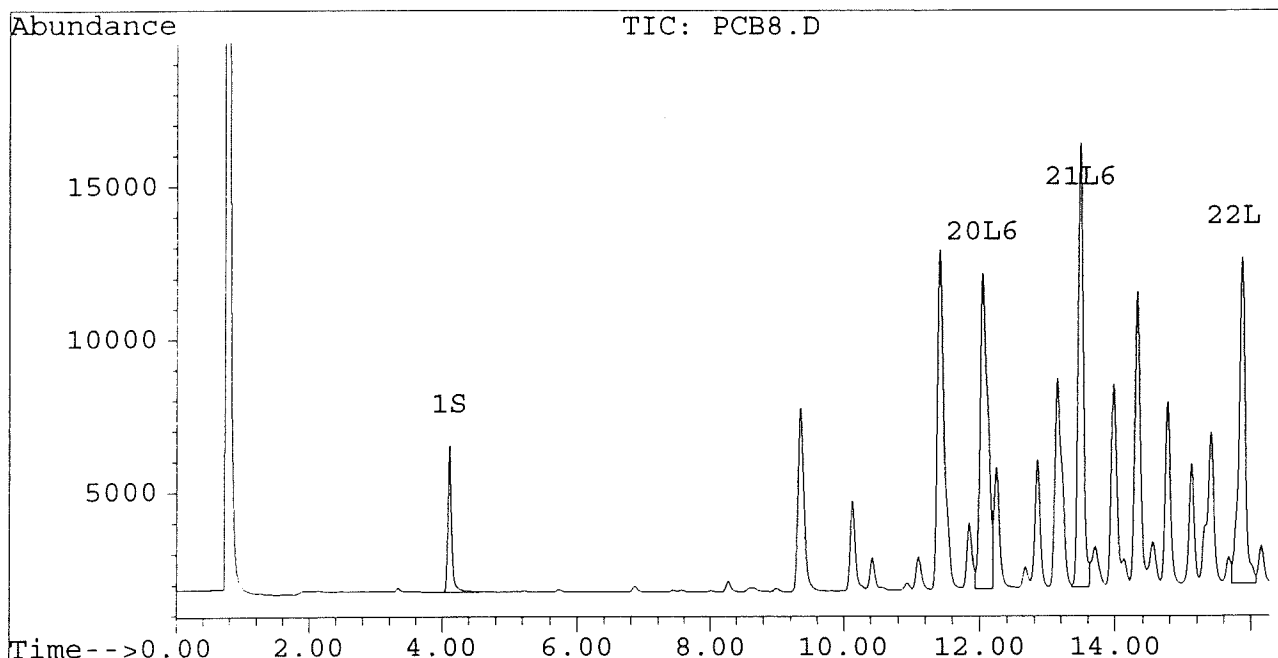
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB8.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB8.D\CONFIRM.D  
Acq On : 21 Aug 96 03:54 AM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 21 12:19 1996

Vial: 22  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



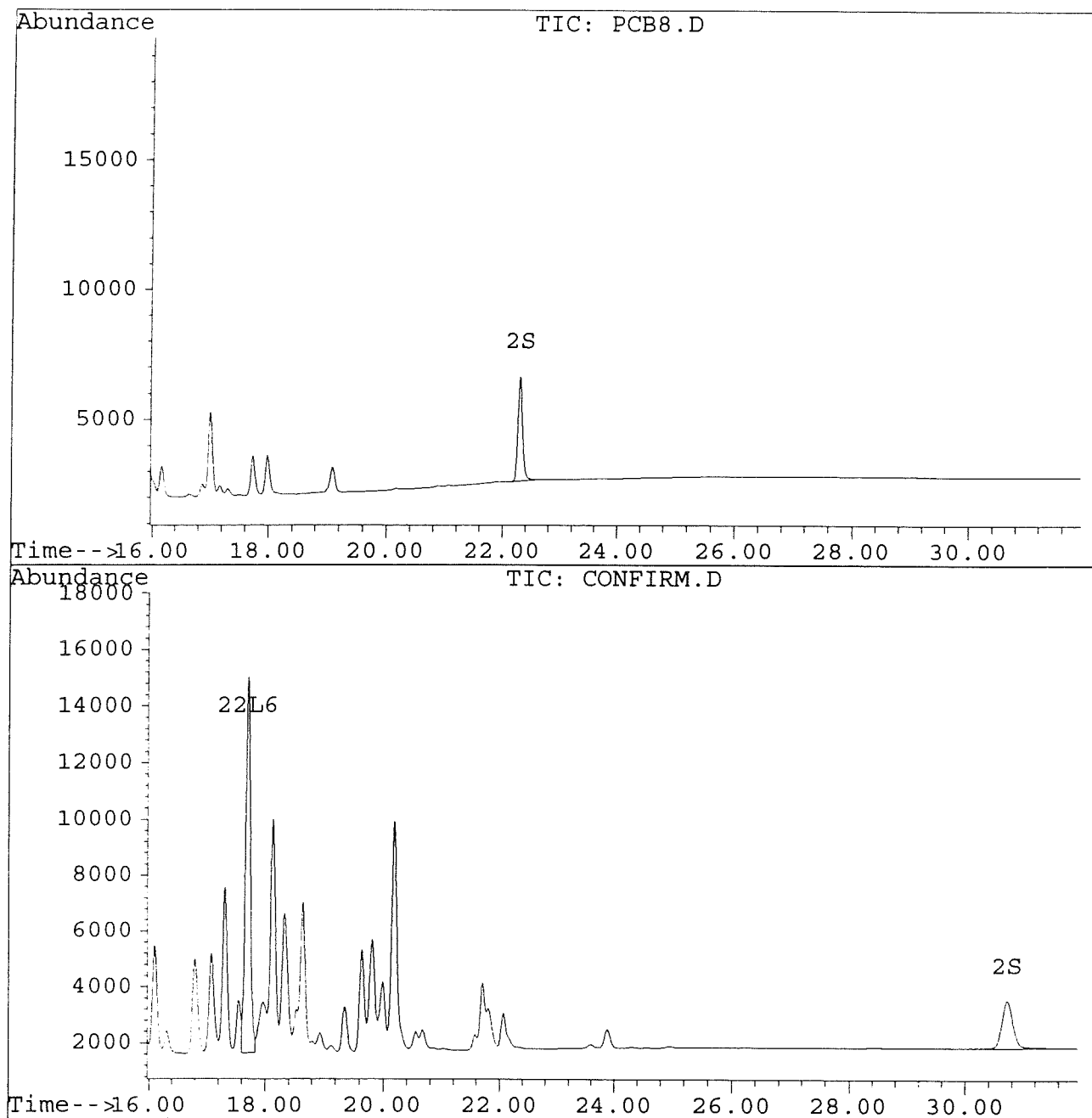
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB8.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB8.D\CONFIRM.D  
Acq On : 21 Aug 96 03:54 AM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 21 12:19 1996

Vial: 22  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB9.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB9.D\CONFIRM.D  
 Acq On : 21 Aug 96 04:29 AM  
 Sample : AR1254 0.5 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:20 1996

Vial: 23  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	2213	1758	0.008	0.008
			Recovery	=	20.00%	20.00%
2) S Decachlorobiphenyl	22.30	30.72	1925	833	0.008	0.009
			Recovery	=	20.00%	22.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 PCB9.D PCB1G.M Wed Aug 21 13:13:41 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB9.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB9.D\CONFIRM.D  
 Acq On : 21 Aug 96 04:29 AM  
 Sample : AR1254 0.5 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:20 1996

Vial: 23  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	5278	4548	0.180	0.188
21) L6 Aroclor-1254 {2}	13.48	15.83	7021	4944	0.172	0.185
22) L6 Aroclor-1254 {3}	15.87	17.69	5060	6447	0.166	0.173
Total Aroclor-1254			17358	15940	0.517	0.546
Average Aroclor-1254					0.172	0.182
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

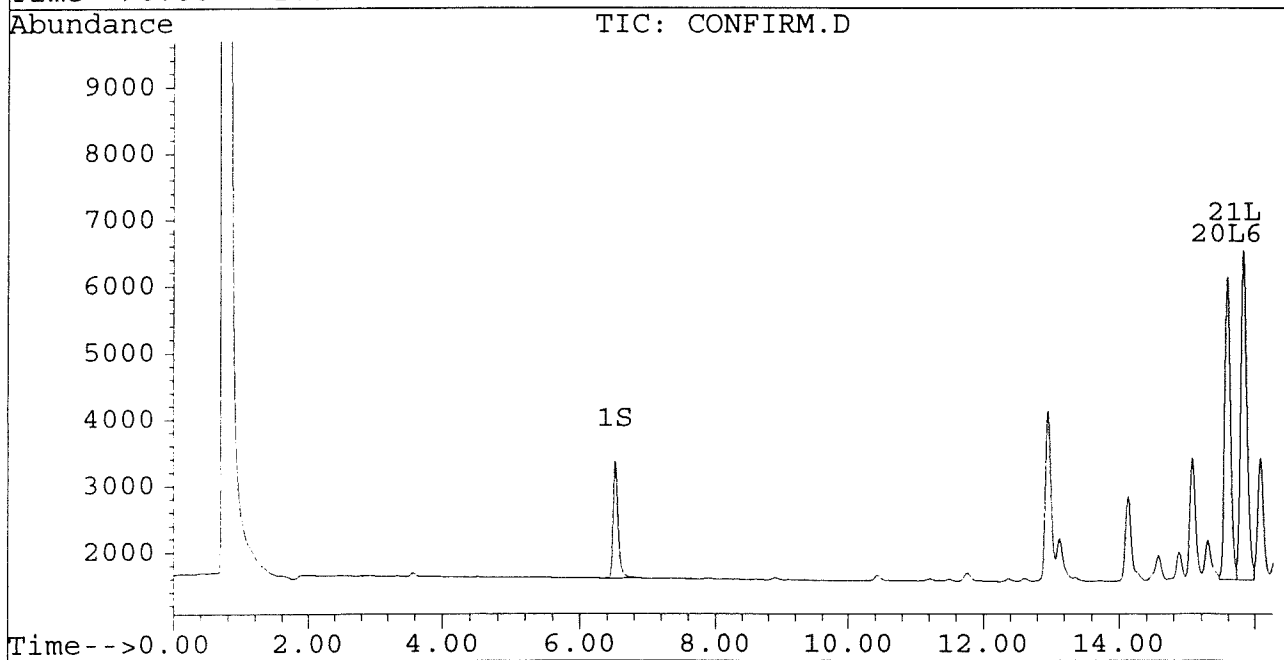
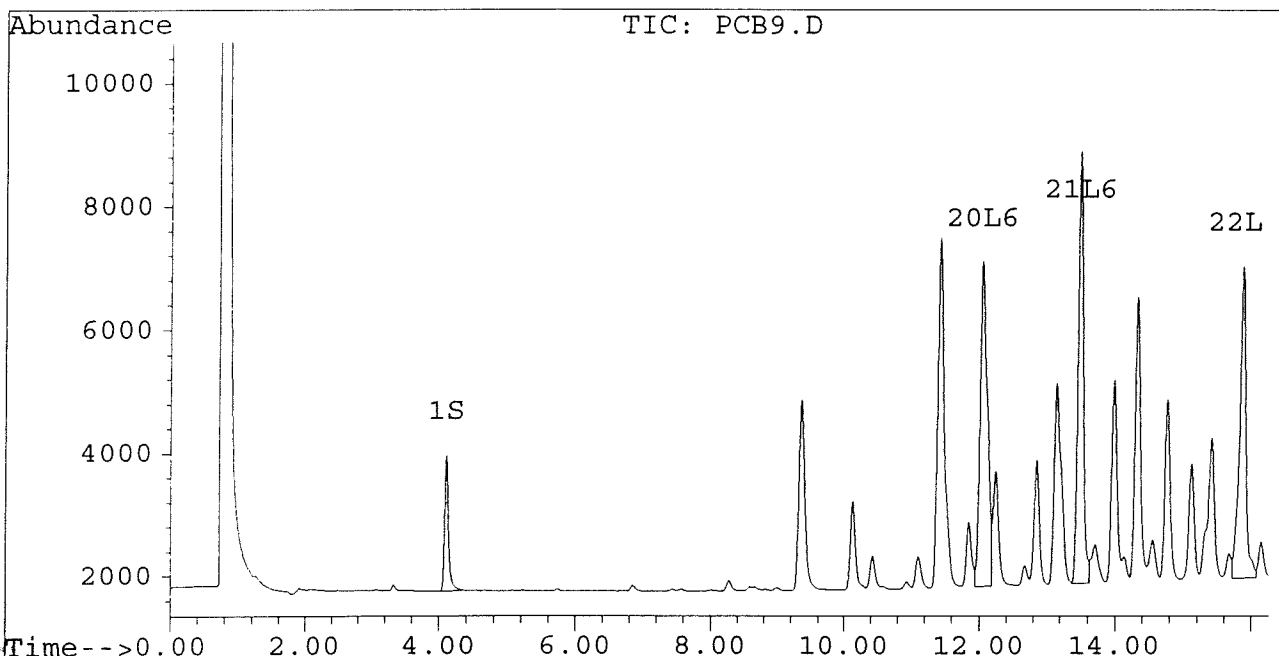
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB9.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB9.D\CONFIRM.D  
Acq On : 21 Aug 96 04:29 AM  
Sample : AR1254 0.5 UG/ML  
Misc :  
Quant Time: Aug 21 12:20 1996

Vial: 23  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

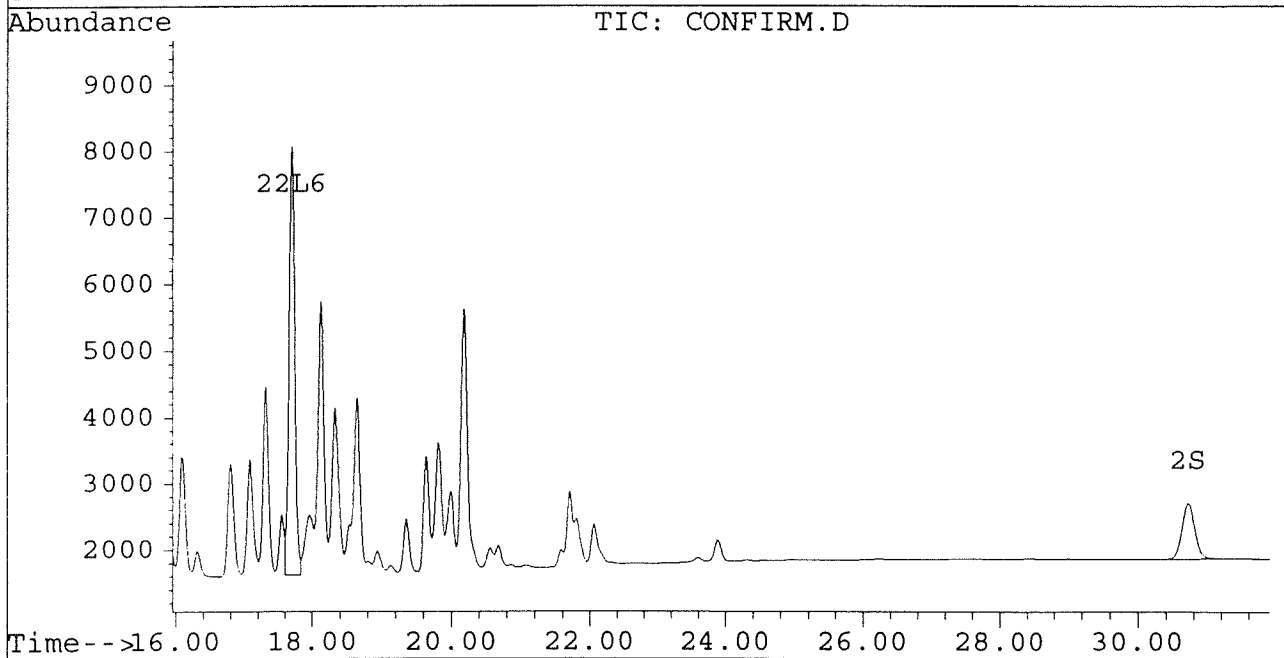
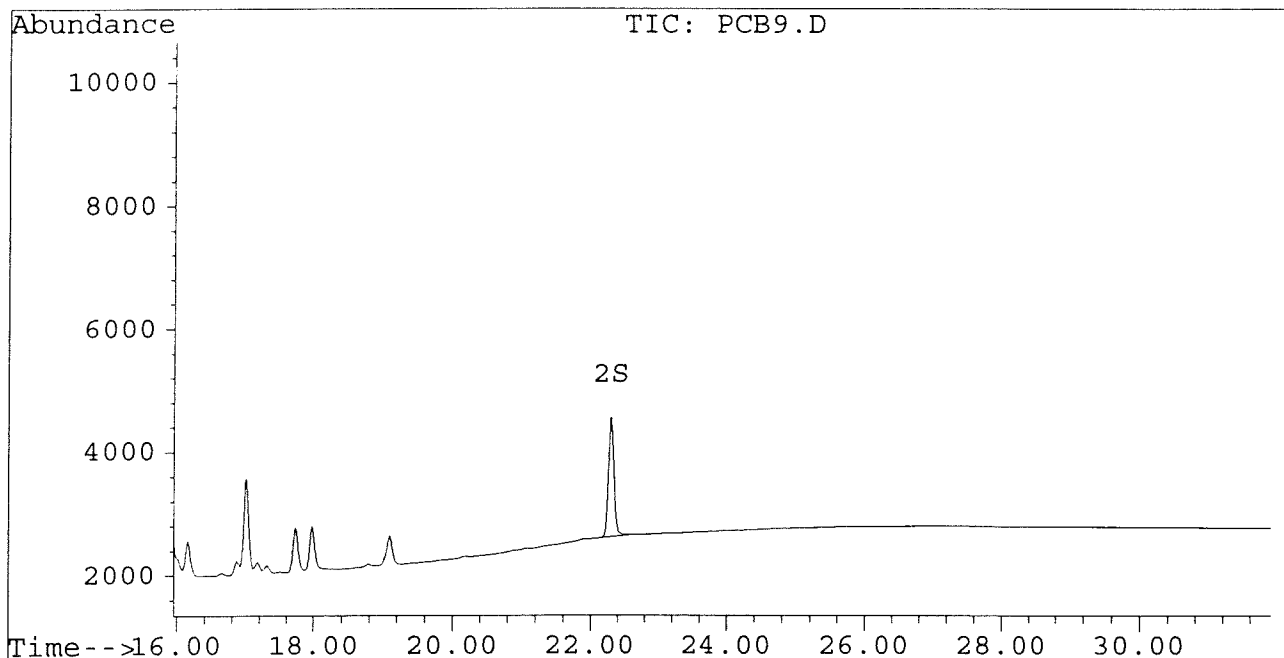
Signal #1 : D:\HPCHEM\5\AU20\PCB9.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB9.D\CONFIRM.D  
Acq On : 21 Aug 96 04:29 AM  
Sample : AR1254 0.5 UG/ML  
Misc :  
Quant Time: Aug 21 12:20 1996

Vial: 23  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB10.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB10.D\CONFIRM.D  
 Acq On : 21 Aug 96 05:05 AM  
 Sample : AR1254 0.1 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:08 1996

Vial: 24  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	479	394	0.002	0.002
			Recovery	=	5.00%	5.00%
2) S Decachlorobiphenyl	22.30	30.72	449	201	0.002	0.002
			Recovery	=	5.00%	5.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB10.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB10.D\CONFIRM.D  
 Acq On : 21 Aug 96 05:05 AM  
 Sample : AR1254 0.1 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:08 1996

Vial: 24  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	1190	1032	0.041	0.043
21) L6 Aroclor-1254 {2}	13.49	15.84	1452	1116	0.035	0.042
22) L6 Aroclor-1254 {3}	15.88	17.69	1044	1361	0.034	0.037
Total Aroclor-1254			3686	3509	0.110	0.121
Average Aroclor-1254					0.037	0.040
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



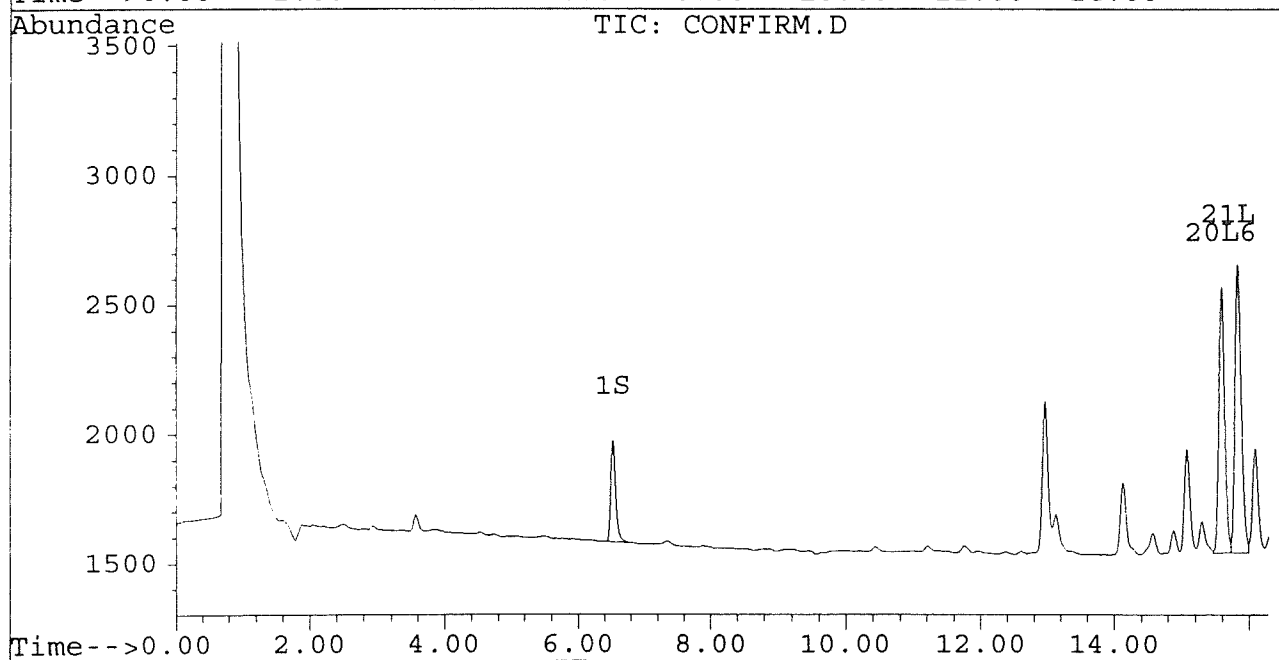
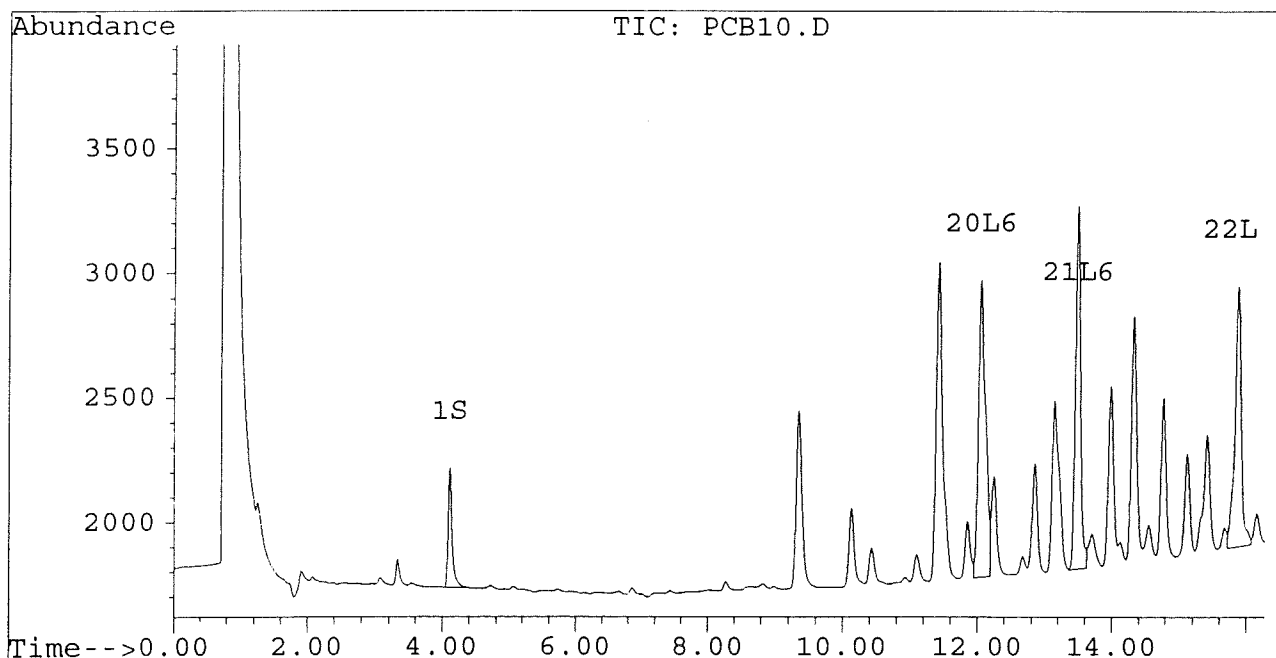
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB10.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB10.D\CONFIRM.D  
Acq On : 21 Aug 96 05:05 AM  
Sample : AR1254 0.1 UG/ML  
Misc :  
Quant Time: Aug 21 12:08 1996

Vial: 24  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



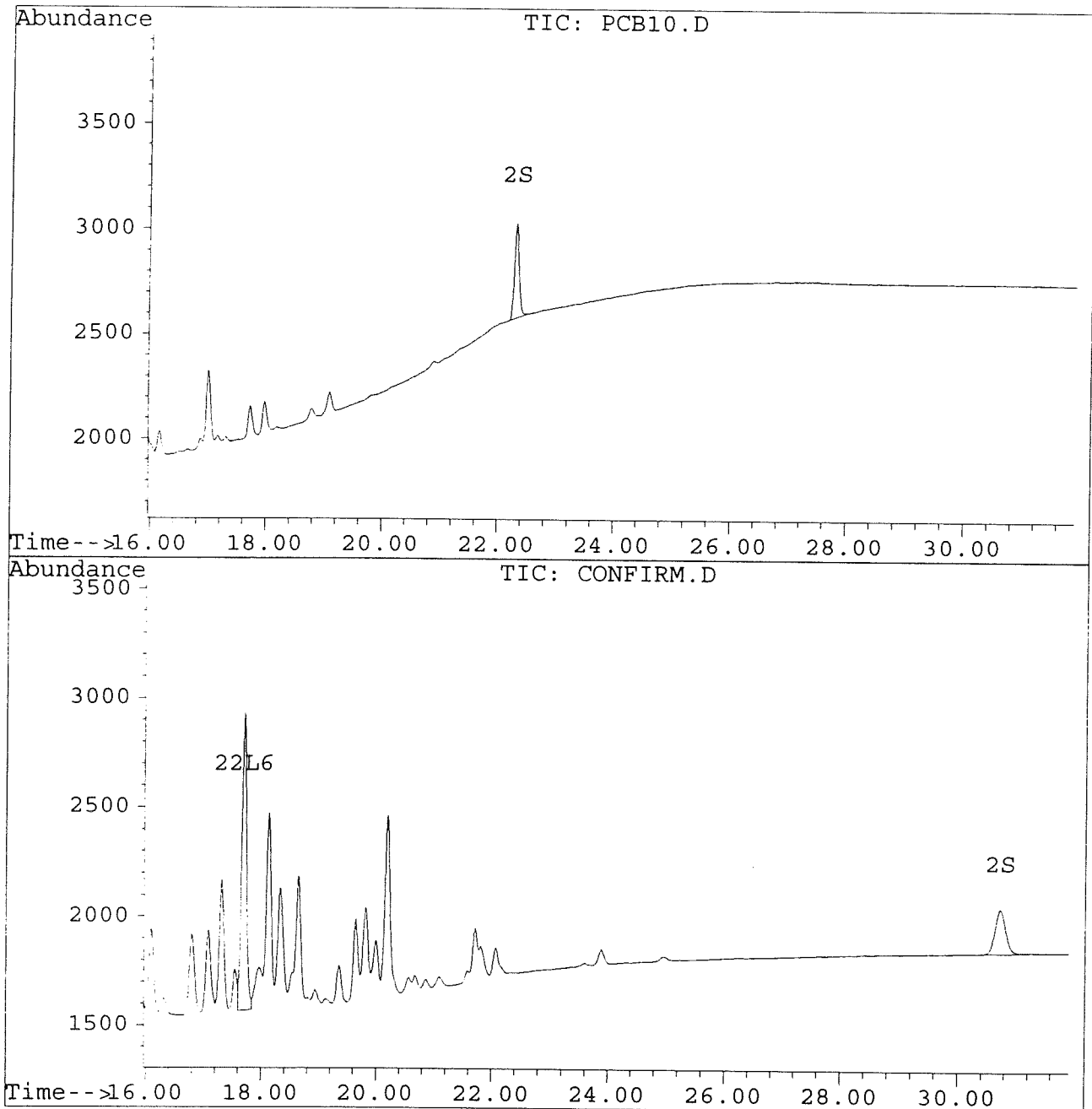
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB10.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB10.D\CONFIRM.D  
Acq On : 21 Aug 96 05:05 AM  
Sample : AR1254 0.1 UG/ML  
Misc :  
Quant Time: Aug 21 12:08 1996

Vial: 24  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB16.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB16.D\CONFIRM.D  
 Acq On : 21 Aug 96 09:13 AM  
 Sample : AR1242 5.0 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:27 1996

Vial: 30  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.10	6.53	27098	21746	0.098	0.096
			Recovery	=	245.00%	240.00%
2) S Decachlorobiphenyl	22.30	30.72	18563	7695	0.081	0.080
			Recovery	=	202.50%	200.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.27	11.77	60927	44734	1.495	1.549
15) L4 Aroclor-1242 {2}	9.38	12.36	27304	19625	2.242	1.565 #
16) L4 Aroclor-1242 {3}	10.13	14.13	25536	19770	1.577	1.619
Total Aroclor-1242			113768	84129	5.315	4.732
Average Aroclor-1242					1.772	1.577
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
-----						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB16.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB16.D\CONFIRM.D  
 Acq On : 21 Aug 96 09:13 AM  
 Sample : AR1242 5.0 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:27 1996

Vial: 30  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

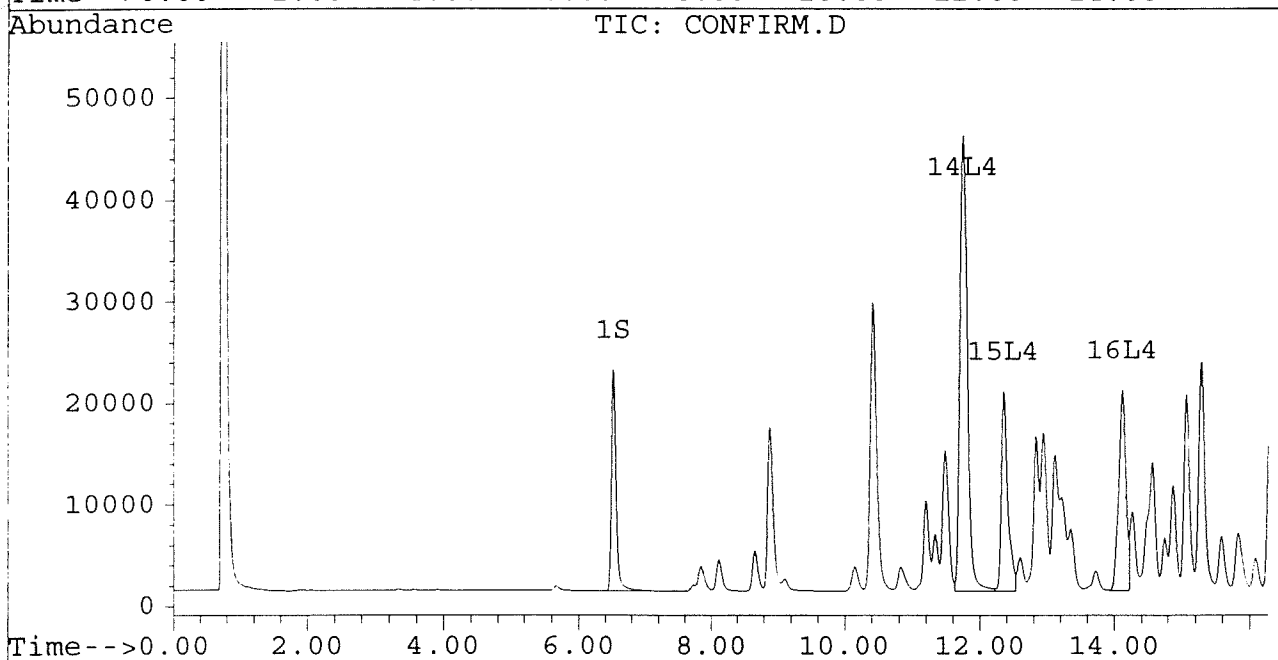
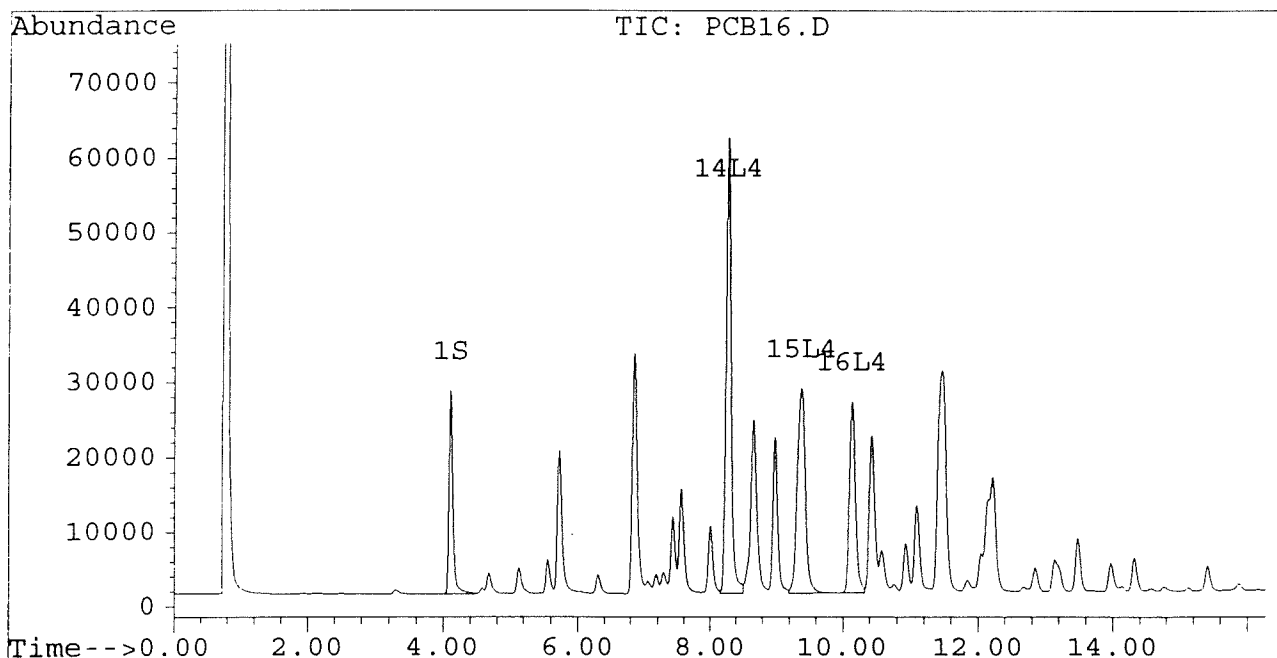
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB16.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB16.D\CONFIRM.D  
Acq On : 21 Aug 96 09:13 AM  
Sample : AR1242 5.0 UG/ML  
Misc :  
Quant Time: Aug 21 12:27 1996

Vial: 30  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



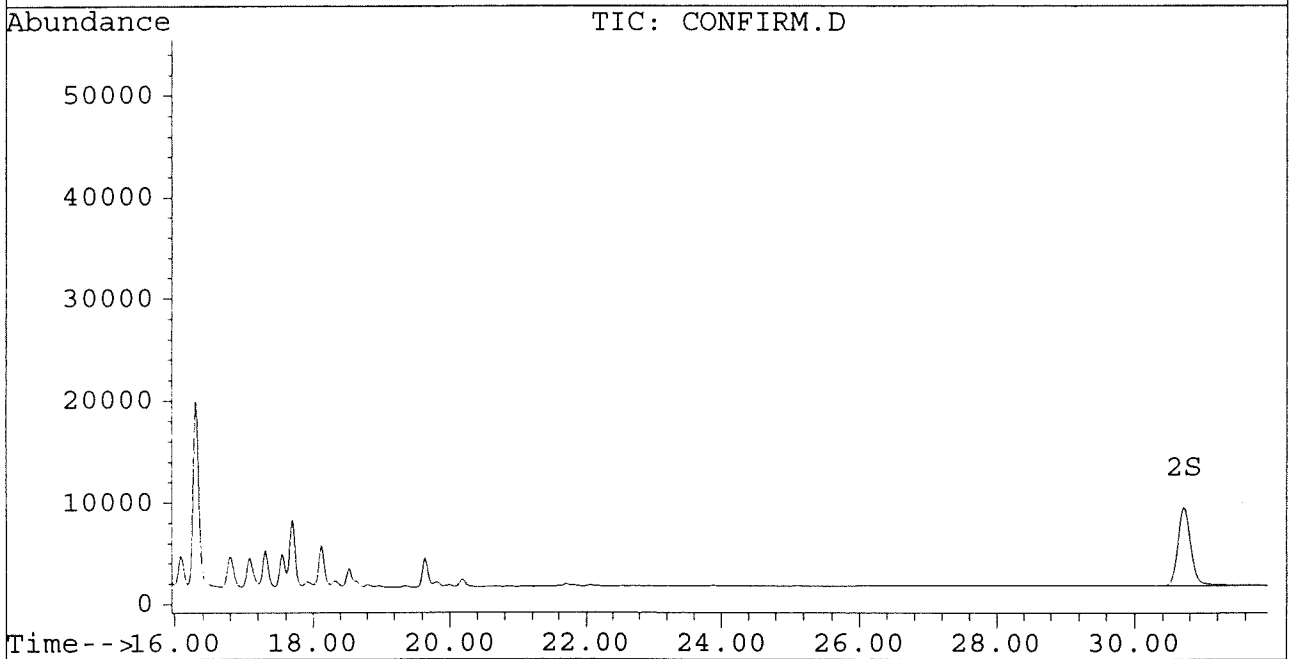
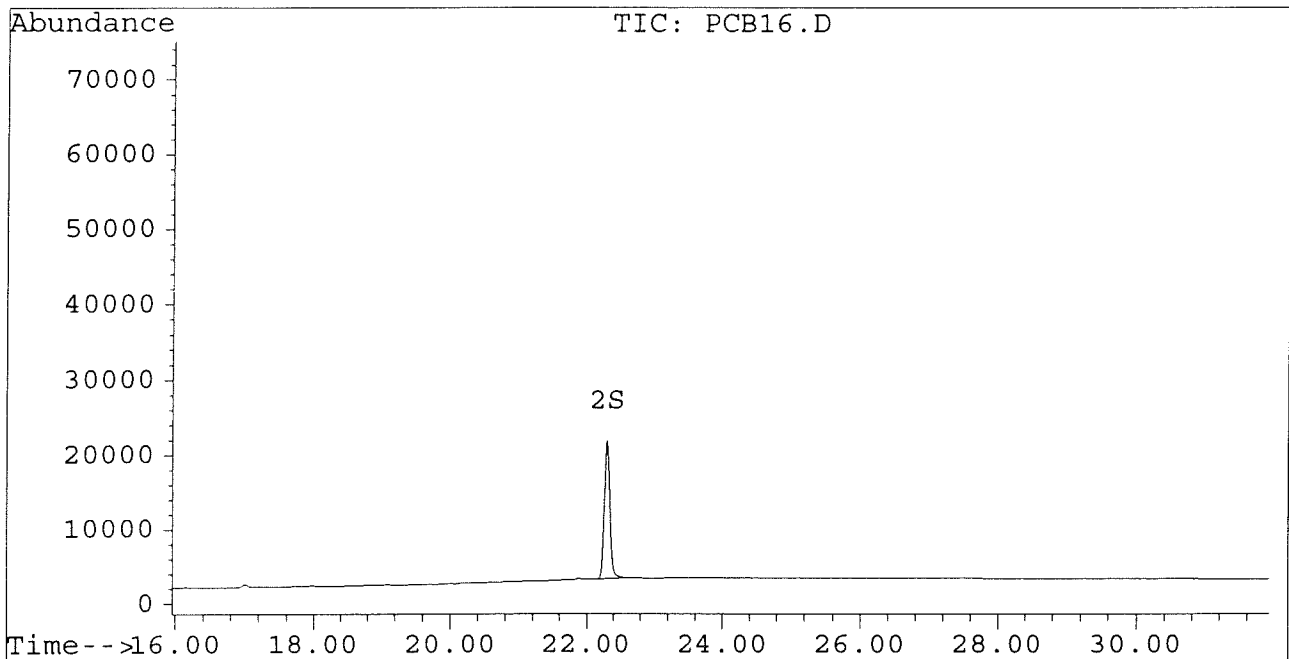
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB16.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB16.D\CONFIRM.D  
Acq On : 21 Aug 96 09:13 AM  
Sample : AR1242 5.0 UG/ML  
Misc :  
Quant Time: Aug 21 12:27 1996

Vial: 30  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB17.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB17.D\CONFIRM.D  
 Acq On : 21 Aug 96 09:49 AM  
 Sample : AR1242 2.5 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:28 1996

Vial: 31  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.10	6.53	13725	10587	0.049	0.047
			Recovery	=	122.50%	117.50%
2) S Decachlorobiphenyl	22.30	30.72	9953	4057	0.043	0.042
			Recovery	=	107.50%	105.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.27	11.77	34260	24576	0.841	0.851
15) L4 Aroclor-1242 {2}	9.38	12.36	15390	10696	1.264	0.853 #
16) L4 Aroclor-1242 {3}	10.13	14.13	14066	10795	0.869	0.884
Total Aroclor-1242			63717	46067	2.973	2.588
Average Aroclor-1242					0.991	0.863
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
-----						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB17.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB17.D\CONFIRM.D  
 Acq On : 21 Aug 96 09:49 AM  
 Sample : AR1242 2.5 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:28 1996

Vial: 31  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



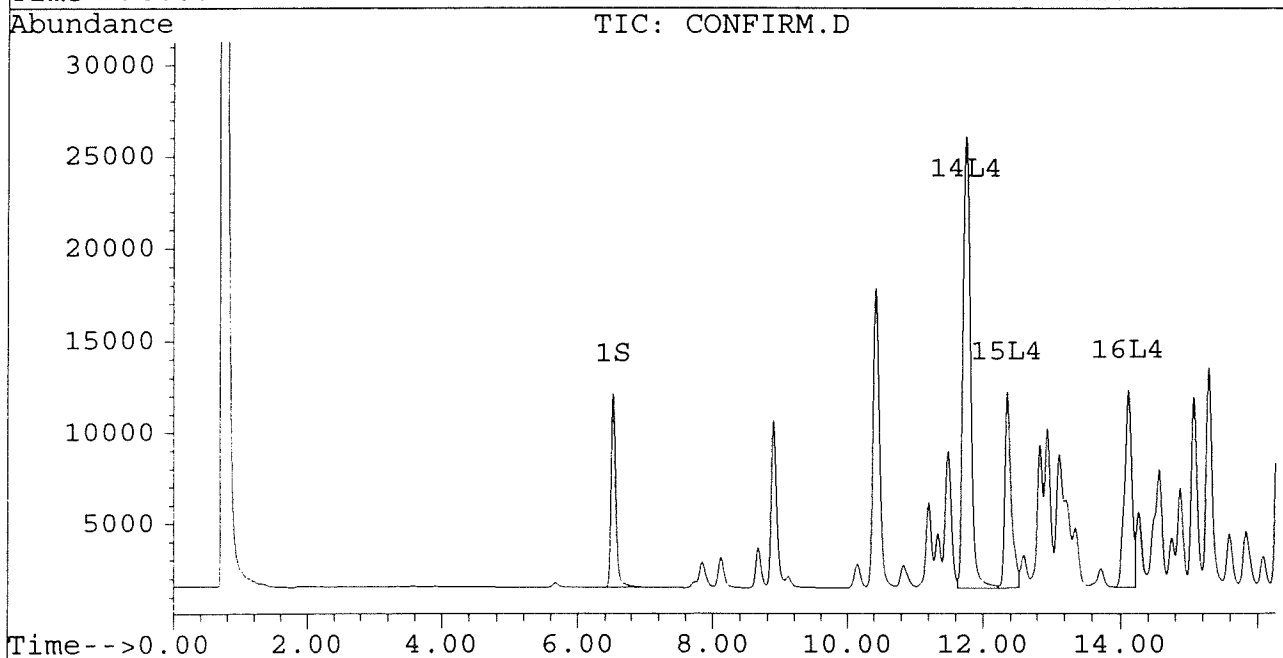
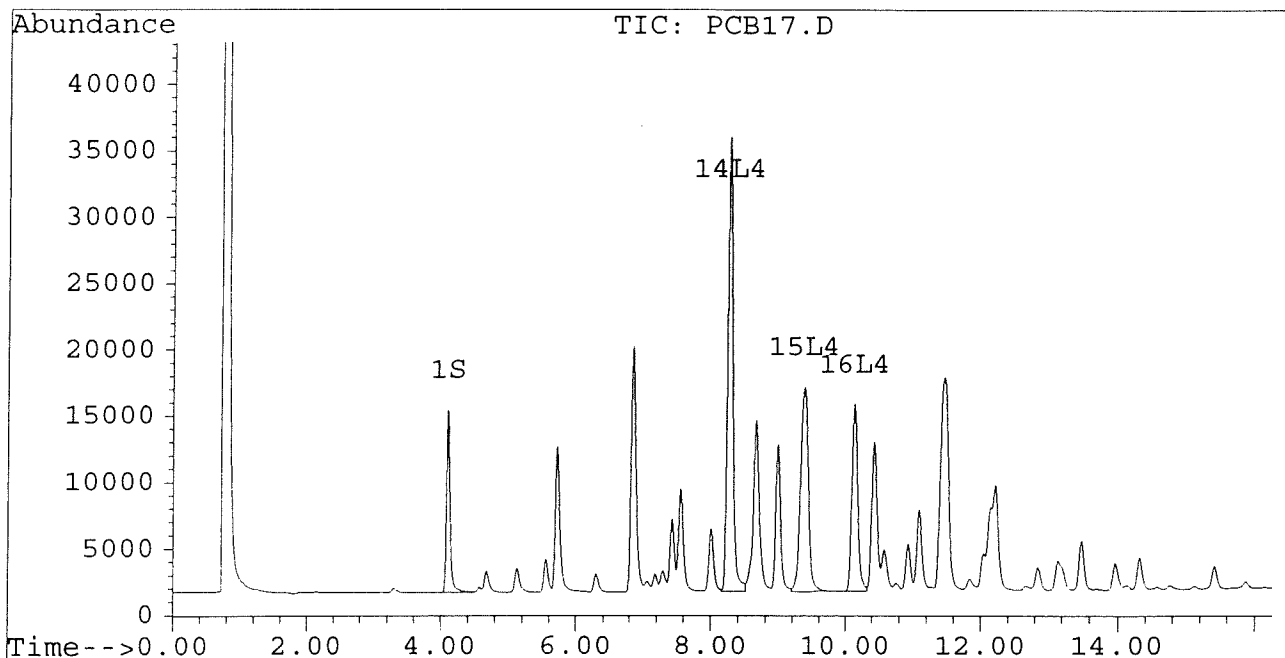
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB17.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB17.D\CONFIRM.D  
Acq On : 21 Aug 96 09:49 AM  
Sample : AR1242 2.5 UG/ML  
Misc :  
Quant Time: Aug 21 12:28 1996

Vial: 31  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



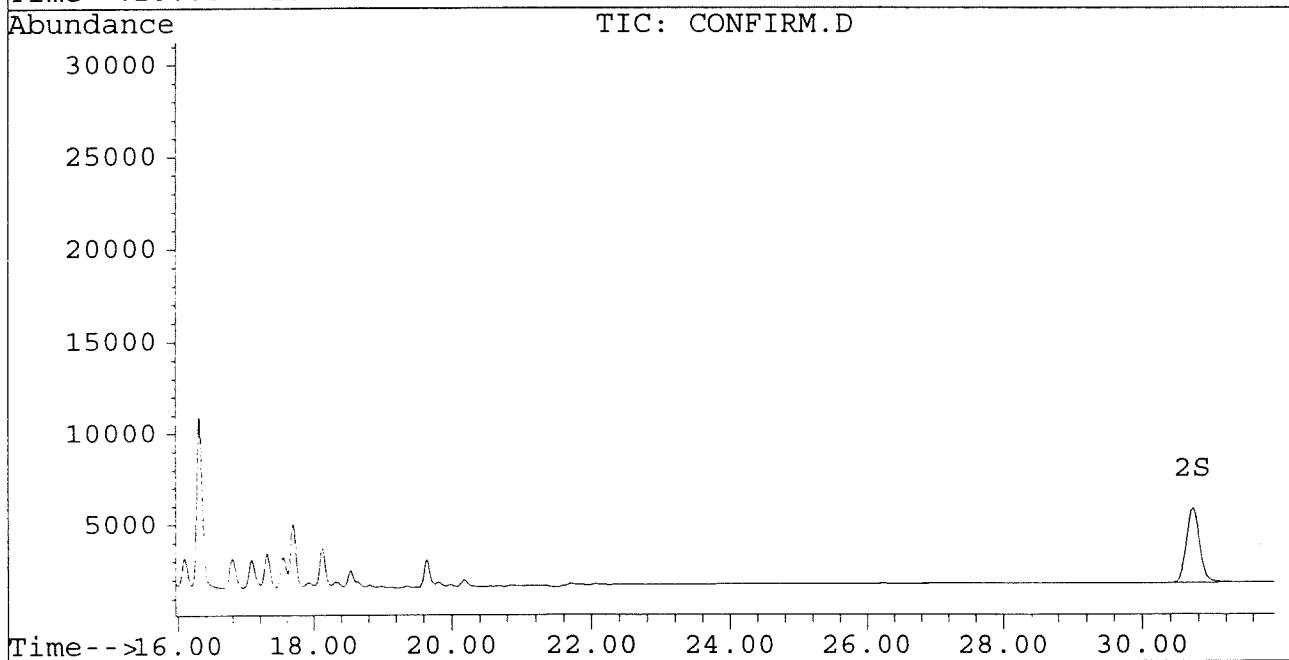
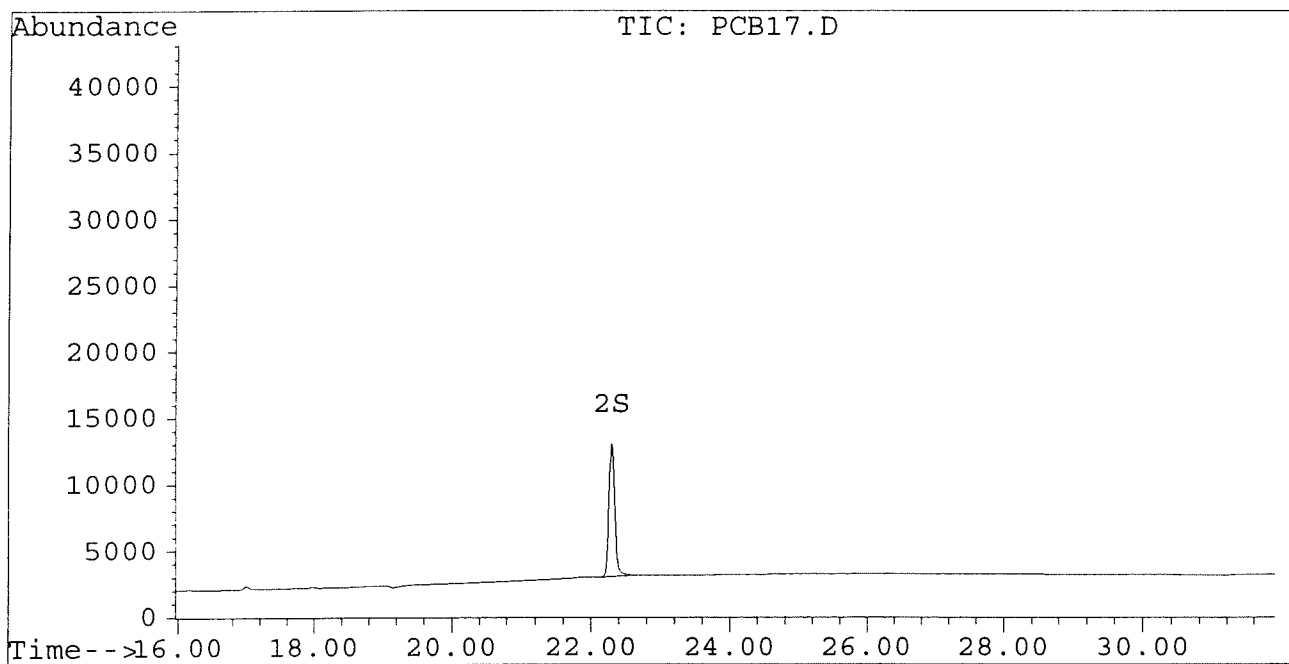
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB17.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB17.D\CONFIRM.D  
Acq On : 21 Aug 96 09:49 AM  
Sample : AR1242 2.5 UG/ML  
Misc :  
Quant Time: Aug 21 12:28 1996

Vial: 31  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB18.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB18.D\CONFIRM.D  
 Acq On : 21 Aug 96 10:24 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:29 1996

Vial: 32  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.10	6.52	4759	3727	0.017	0.017
			Recovery	=	42.50%	42.50%
2) S Decachlorobiphenyl	22.30	30.71	3924	1644	0.017	0.017
			Recovery	=	42.50%	42.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.27	11.77	14119	9895	0.347	0.343
15) L4 Aroclor-1242 {2}	9.38	12.36	6487	4335	0.533	0.346 #
16) L4 Aroclor-1242 {3}	10.13	14.13	5633	4359	0.348	0.357
Total Aroclor-1242			26238	18589	1.227	1.045
Average Aroclor-1242					0.409	0.348
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB18.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB18.D\CONFIRM.D  
 Acq On : 21 Aug 96 10:24 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:29 1996

Vial: 32  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

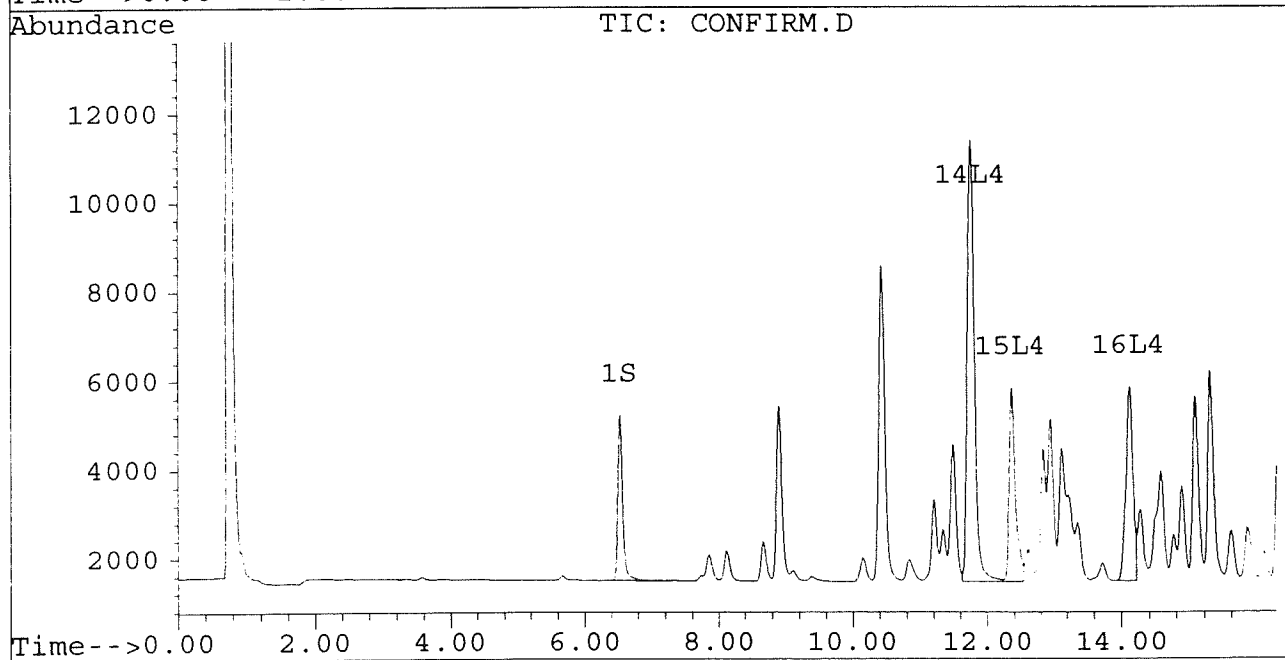
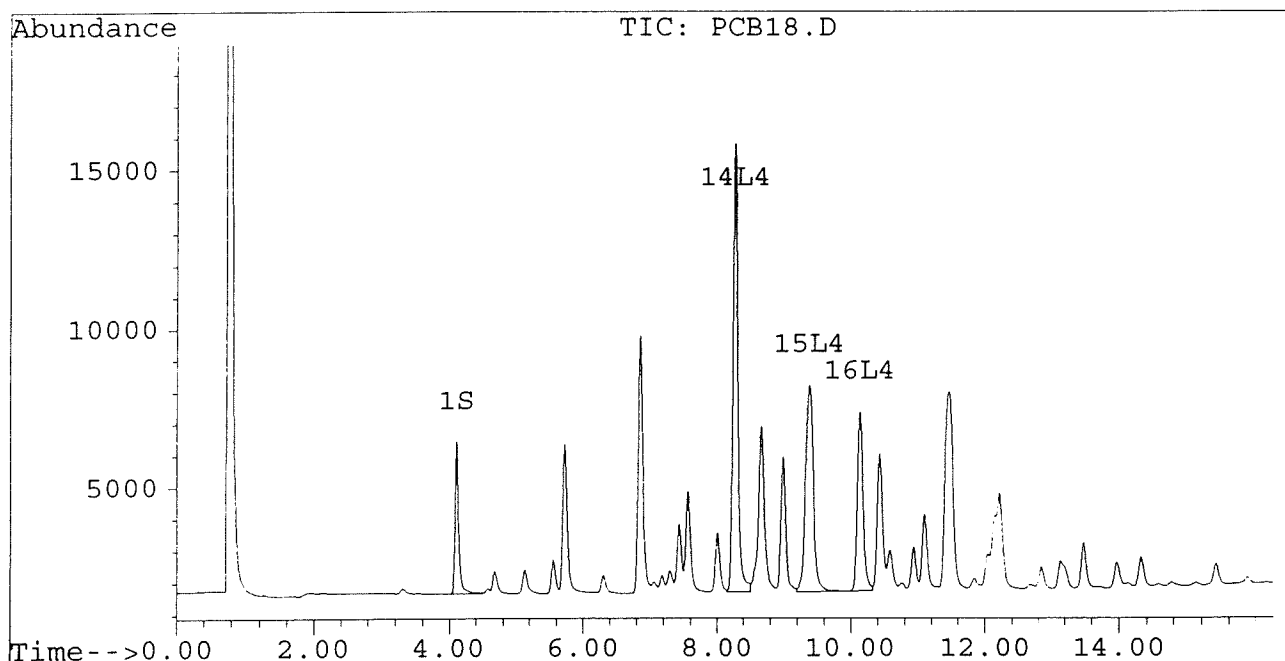
Signal #1 : D:\HPCHEM\5\AU20\PCB18.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB18.D\CONFIRM.D  
Acq On : 21 Aug 96 10:24 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 21 12:29 1996

Vial: 32  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



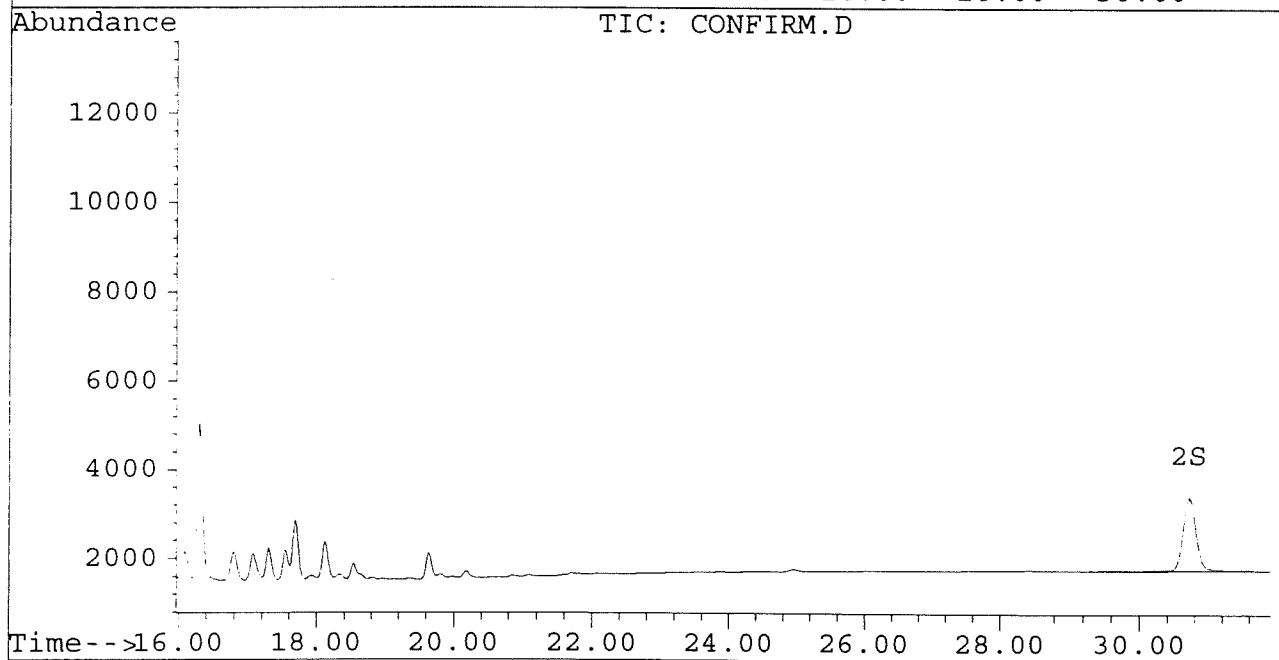
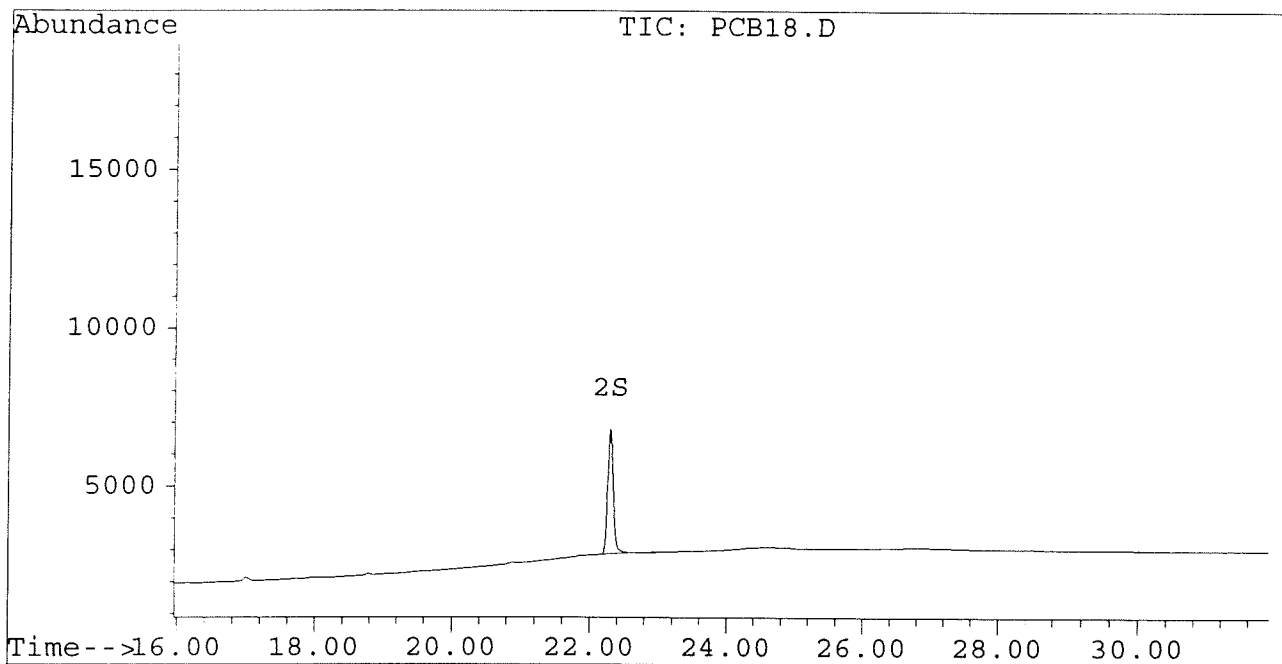
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB18.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB18.D\CONFIRM.D  
Acq On : 21 Aug 96 10:24 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 21 12:29 1996

Vial: 32  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB19.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB19.D\CONFIRM.D  
 Acq On : 21 Aug 96 11:00 AM  
 Sample : AR1242 0.5 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:30 1996

Vial: 33  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	2216	1762	0.008	0.008
			Recovery	=	20.00%	20.00%
2) S Decachlorobiphenyl	22.30	30.71	1970	841	0.009	0.009
			Recovery	=	22.50%	22.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.27	11.77	7178	4998	0.176	0.173
15) L4 Aroclor-1242 {2}	9.38	12.37	3410	2222	0.280	0.177 #
16) L4 Aroclor-1242 {3}	10.13	14.13	2891	2252	0.179	0.184
Total Aroclor-1242			13480	9472	0.635	0.535
Average Aroclor-1242					0.212	0.178
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 PCB19.D PCB1G.M Wed Aug 21 13:06:21 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB19.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB19.D\CONFIRM.D  
 Acq On : 21 Aug 96 11:00 AM  
 Sample : AR1242 0.5 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:30 1996

Vial: 33  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



Quantitation Report

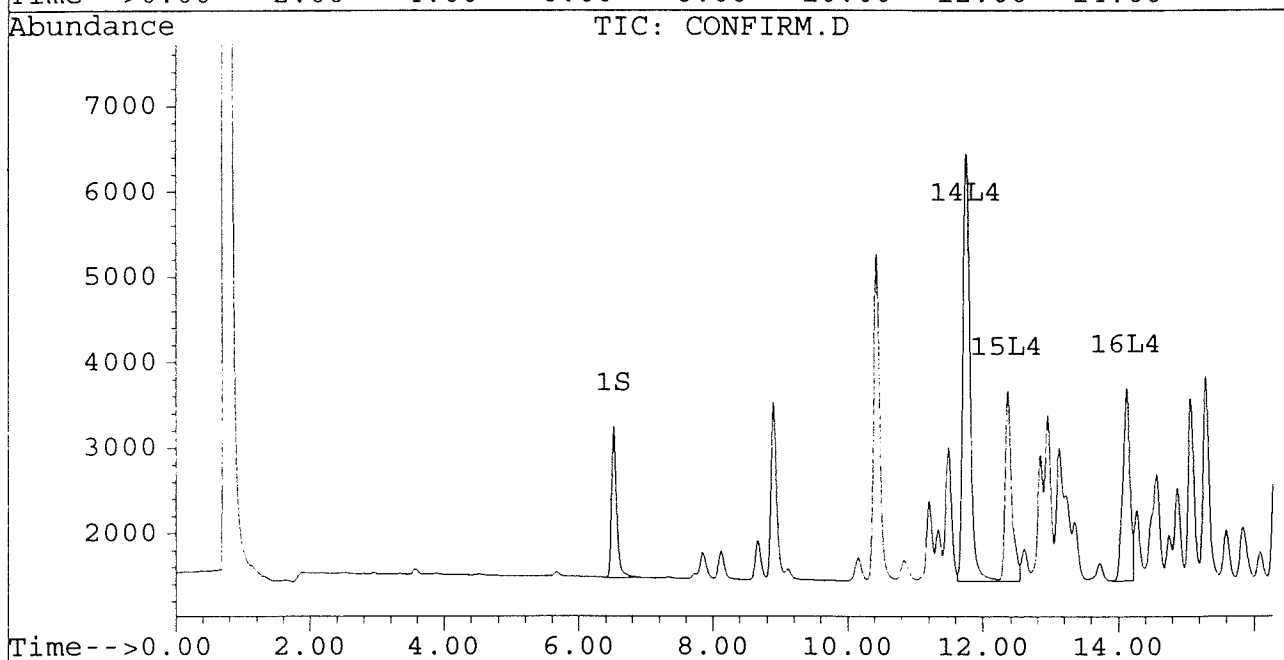
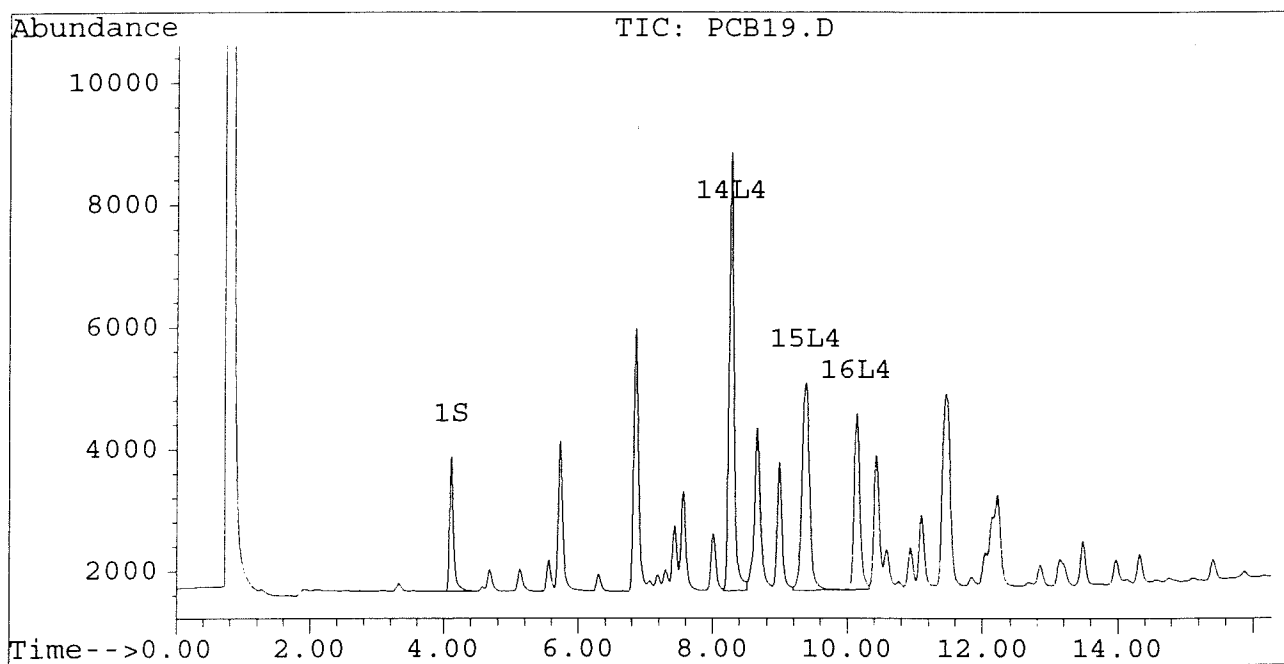
Signal #1 : D:\HPCHEM\5\AU20\PCB19.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB19.D\CONFIRM.D  
Acq On : 21 Aug 96 11:00 AM  
Sample : AR1242 0.5 UG/ML  
Misc :  
Quant Time: Aug 21 12:30 1996

Vial: 33  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



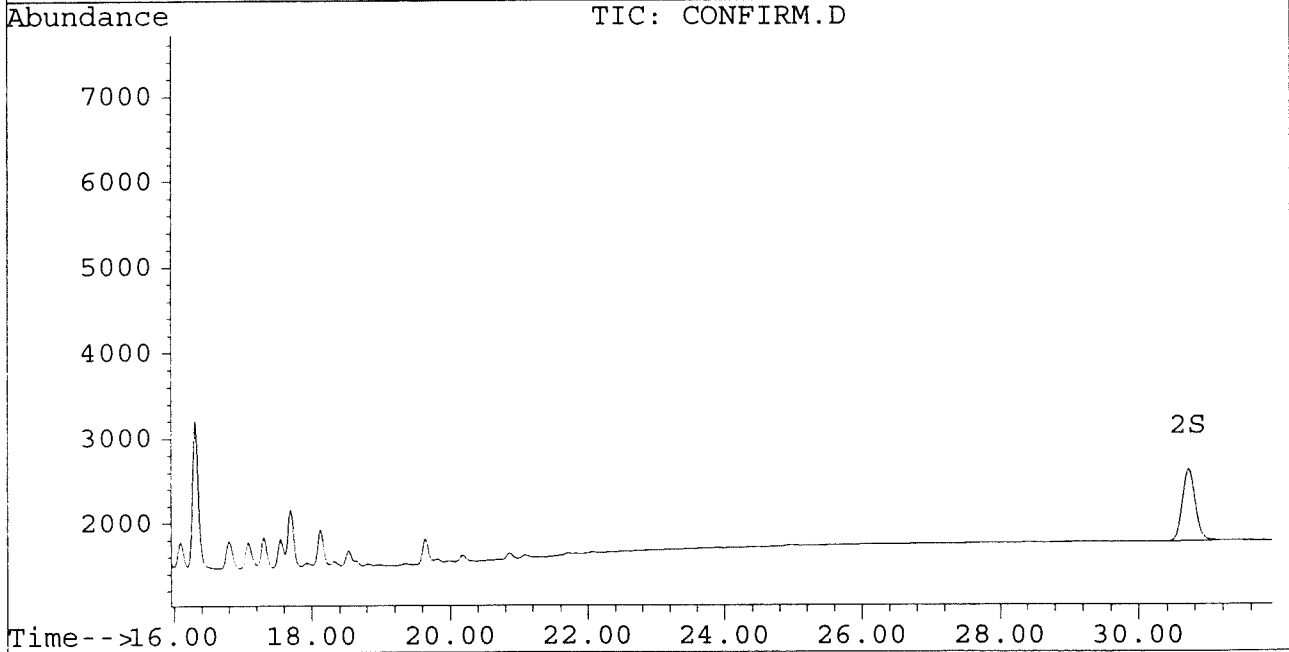
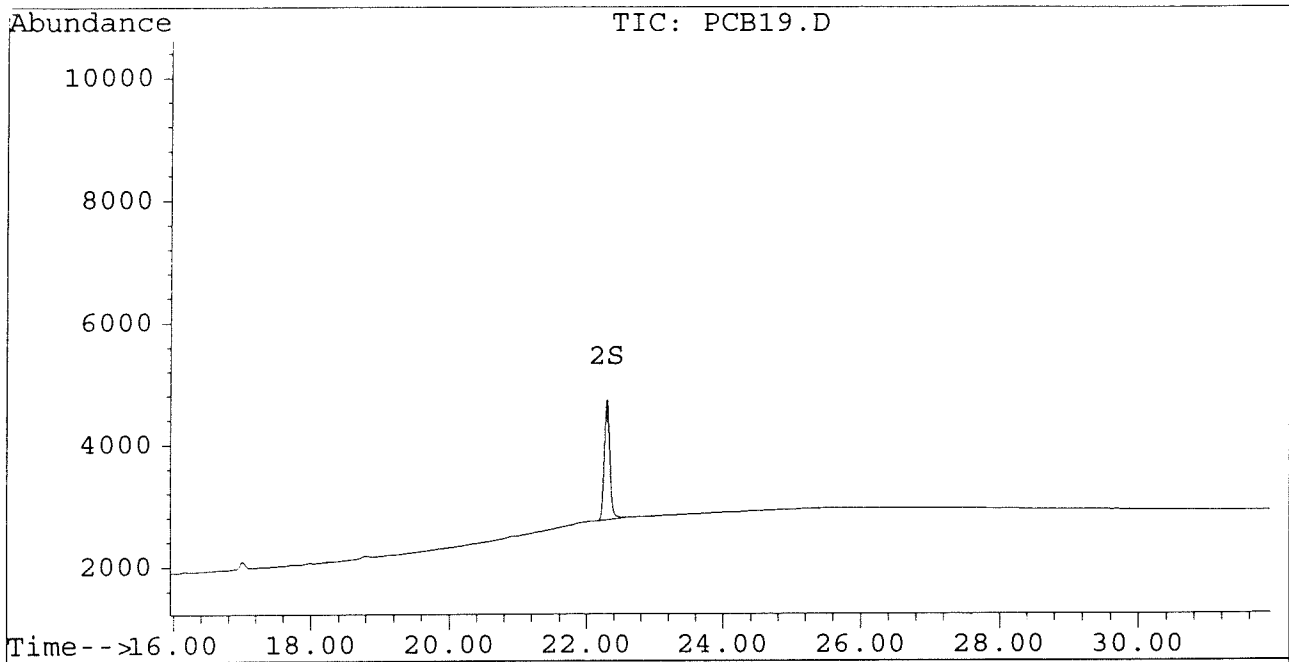
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB19.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB19.D\CONFIRM.D  
Acq On : 21 Aug 96 11:00 AM  
Sample : AR1242 0.5 UG/ML  
Misc :  
Quant Time: Aug 21 12:30 1996

Vial: 33  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB20.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB20.D\CONFIRM.D  
 Acq On : 21 Aug 96 11:35 AM  
 Sample : AR1242 0.1 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:32 1996

Vial: 34  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	415	343	0.001	0.002
			Recovery	=	2.50%	5.00%
2) S Decachlorobiphenyl	22.30	30.72	395	178	0.002	0.002m
			Recovery	=	5.00%	5.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.27	11.77	1442	1084	0.035	0.038
15) L4 Aroclor-1242 {2}	9.38	12.37	739	497	0.061	0.040 #
16) L4 Aroclor-1242 {3}	10.13	14.13	592	496	0.037	0.041
Total Aroclor-1242			2772	2077	0.133	0.118
Average Aroclor-1242					0.044	0.039
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB20.D  
 Signal #2 : D:\HPCHEM\5\AU20\PCB20.D\CONFIRM.D  
 Acq On : 21 Aug 96 11:35 AM  
 Sample : AR1242 0.1 UG/ML  
 Misc :  
 Quant Time: Aug 21 12:32 1996

Vial: 34  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

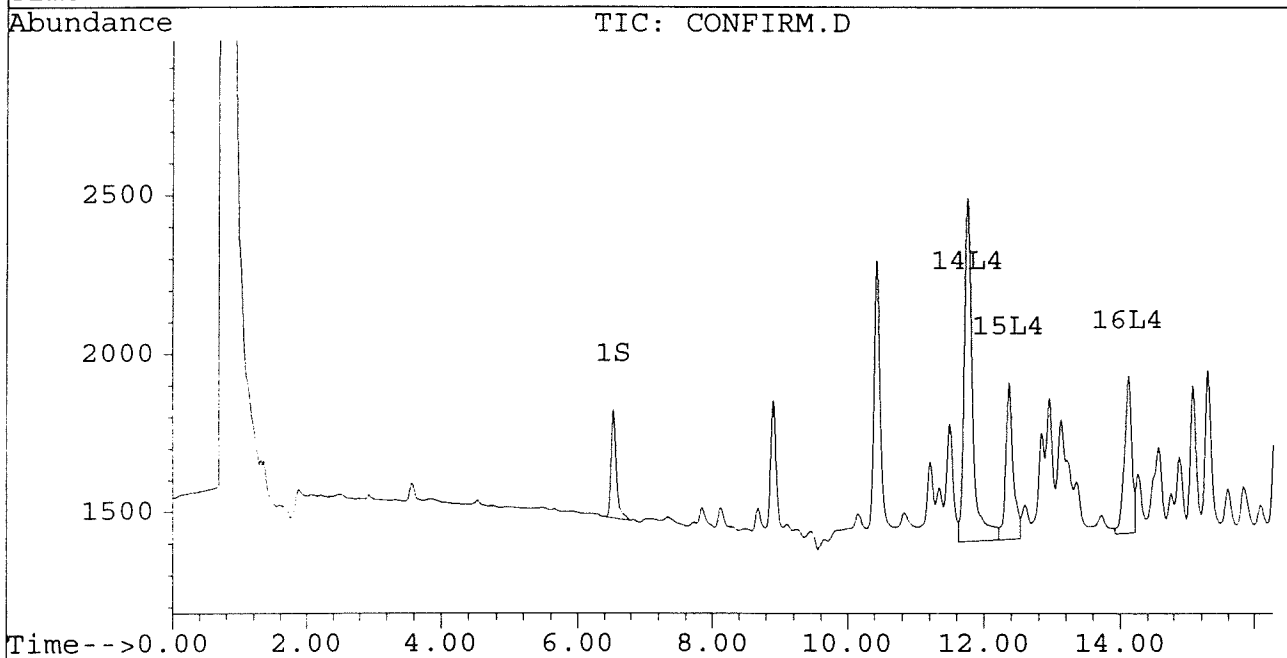
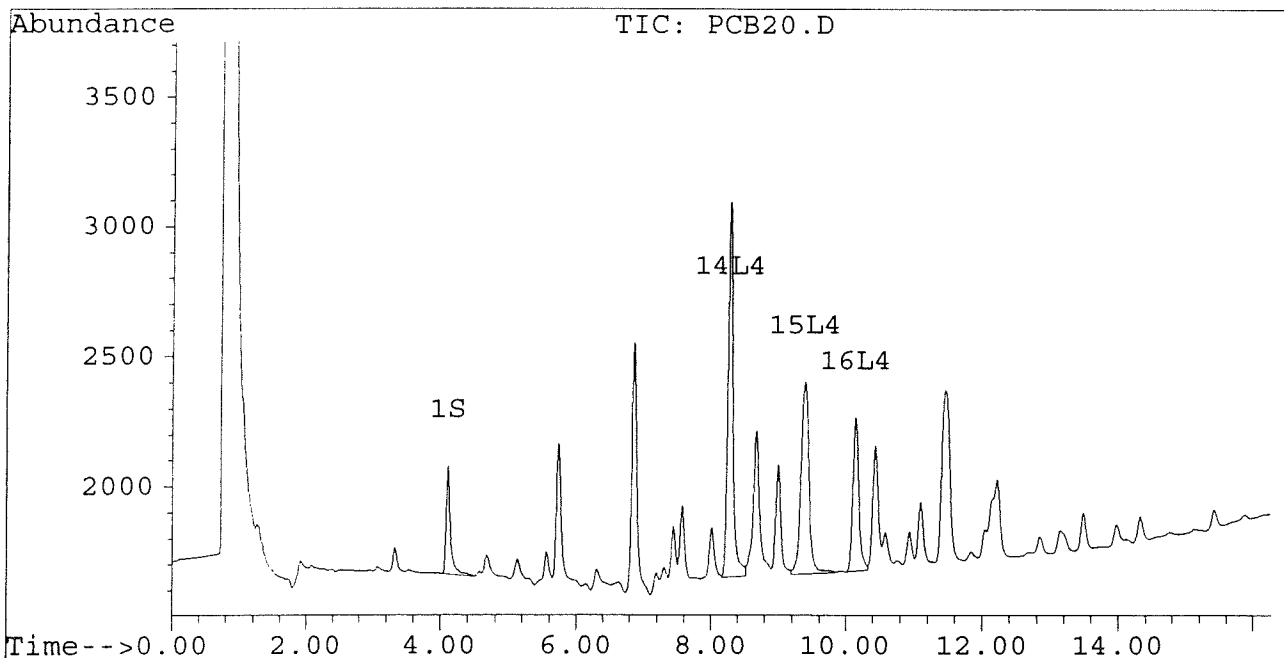
Signal #1 : D:\HPCHEM\5\AU20\PCB20.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB20.D\CONFIRM.D  
Acq On : 21 Aug 96 11:35 AM  
Sample : AR1242 0.1 UG/ML  
Misc :  
Quant Time: Aug 21 12:32 1996

Vial: 34  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



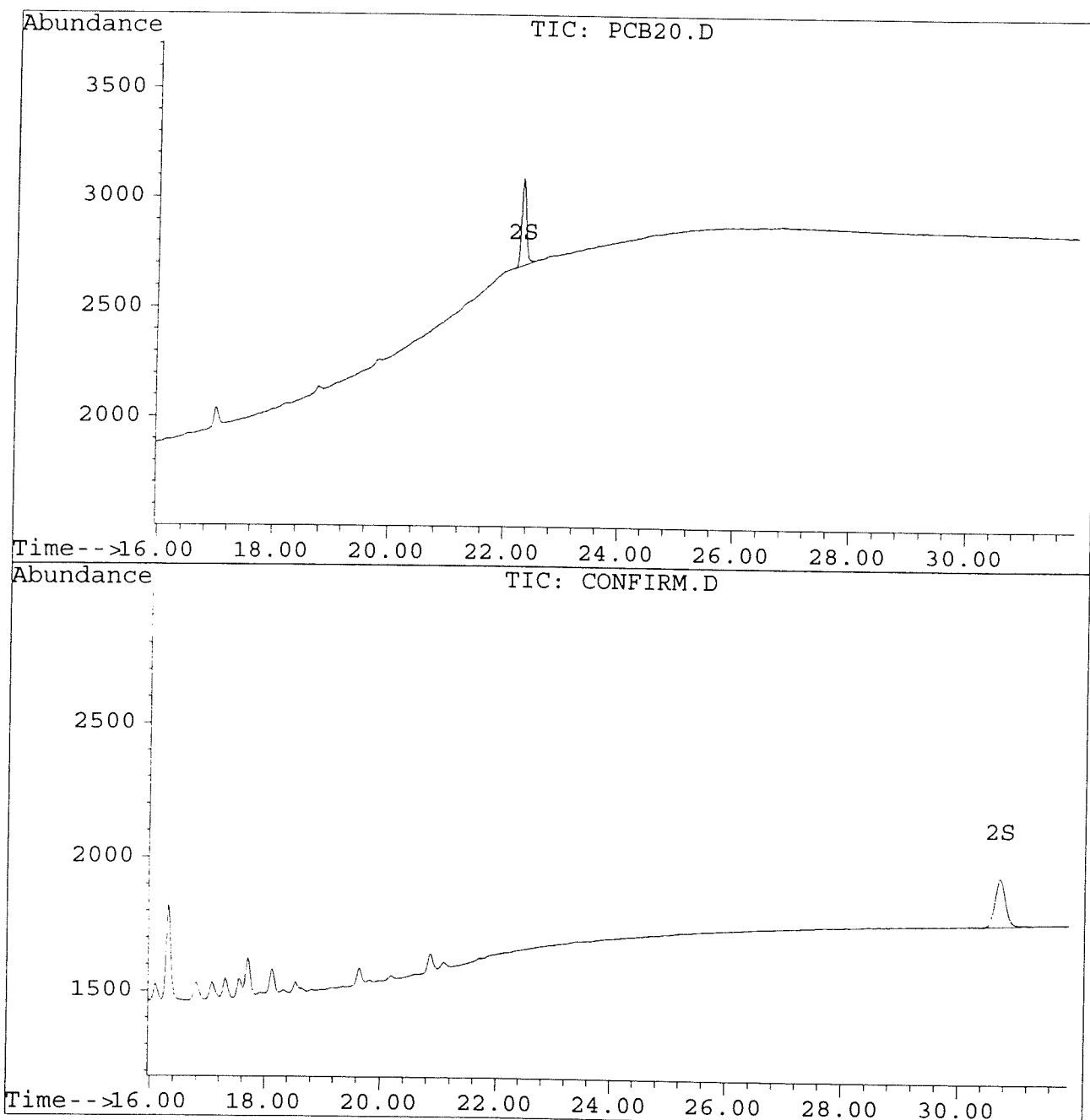
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU20\PCB20.D  
Signal #2 : D:\HPCHEM\5\AU20\PCB20.D\CONFIRM.D  
Acq On : 21 Aug 96 11:35 AM  
Sample : AR1242 0.1 UG/ML  
Misc :  
Quant Time: Aug 21 12:32 1996

Vial: 34  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826H.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826H.D\CONFIRM.D  
 Acq On : 26 Aug 96 07:06 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 26 19:40 1996

Vial: 3  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.10	6.53	4547	3528	0.019	0.018
			Recovery	=	47.50%	45.00%
2) S Decachlorobiphenyl	22.30	30.72	4366	1566	0.021	0.018
			Recovery	=	52.50%	45.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	14343	10174	0.131	0.106
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	193	42	0.001	0.000 #
5) L1 Aroclor-1016	6.85	8.90	8002	3896	0.250	0.290
6) L1 Aroclor-1016 {2}	8.99	10.43	4320	7028	0.246	0.252
7) L1 Aroclor-1016 {3}	9.38	12.37	6505	4380	0.251	0.254
Total Aroclor-1016			18826	15303	0.747	0.795
Average Aroclor-1016					0.249	0.265
8) L2 Aroclor-1221	5.13	8.12	711	686	0.101	0.112
9) L2 Aroclor-1221 {2}	5.56	8.67	998	868	0.171	0.178
10) L2 Aroclor-1221 {3}	5.72	8.90	4656	3896	0.230	0.254
Total Aroclor-1221			6365	5450	0.503	0.544
Average Aroclor-1221					0.168	0.181
11) L3 Aroclor-1232	5.72	8.90	4656	3896	0.255	0.272
12) L3 Aroclor-1232 {2}	6.85	10.43	8002	7028	0.586	0.585
13) L3 Aroclor-1232 {3}	8.66	12.37	5292	4380	0.639	0.632
Total Aroclor-1232			17950	15303	1.481	1.488
Average Aroclor-1232					0.494	0.496
14) L4 Aroclor-1242	8.27	11.77	14343	10174	0.346	0.341
15) L4 Aroclor-1242 {2}	9.38	12.37	6505	4380	0.334	0.331
16) L4 Aroclor-1242 {3}	10.13	14.13	5686	4365	0.337	0.328
Total Aroclor-1242			26534	18919	1.017	1.001
Average Aroclor-1242					0.339	0.334
17) L5 Aroclor-1248	9.38	15.08	6505	4233	0.204	0.188
18) L5 Aroclor-1248 {2}	10.13	15.30	5686	4815	0.208	0.206
19) L5 Aroclor-1248 {3}	11.45	16.31	6618	3592	0.190	0.201
Total Aroclor-1248			18809	12640	0.602	0.595
Average Aroclor-1248					0.201	0.198
-----						

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826H.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826H.D\CONFIRM.D  
 Acq On : 26 Aug 96 07:06 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 26 19:40 1996

Vial: 3  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.59	0	1080	N.D.	0.040 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1523	1157	0.035	0.040
22) L6 Aroclor-1254 {3}	15.88	17.69	279	1303	0.009	0.033 #
Total Aroclor-1254			1802	3540	0.044	0.112
Average Aroclor-1254					0.022	0.037
23) L7 Aroclor-1260	13.97	18.33	828	113	0.024	0.004 #
24) L7 Aroclor-1260 {2}	14.77	0.00	194	0	0.005	N.D. #
25) L7 Aroclor-1260 {3}	17.97	22.07	44	21	0.001	0.000 #
Total Aroclor-1260			1066	134	0.029	0.004
Average Aroclor-1260					0.010	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.52	0	13	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



Quantitation Report

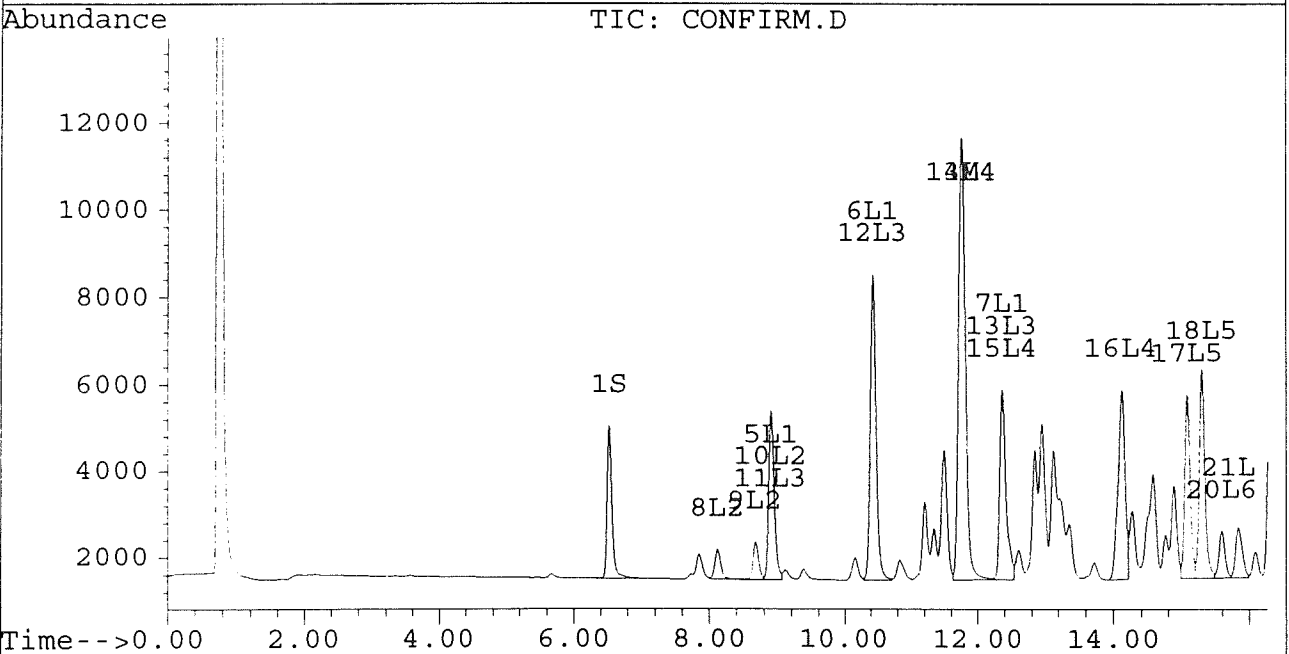
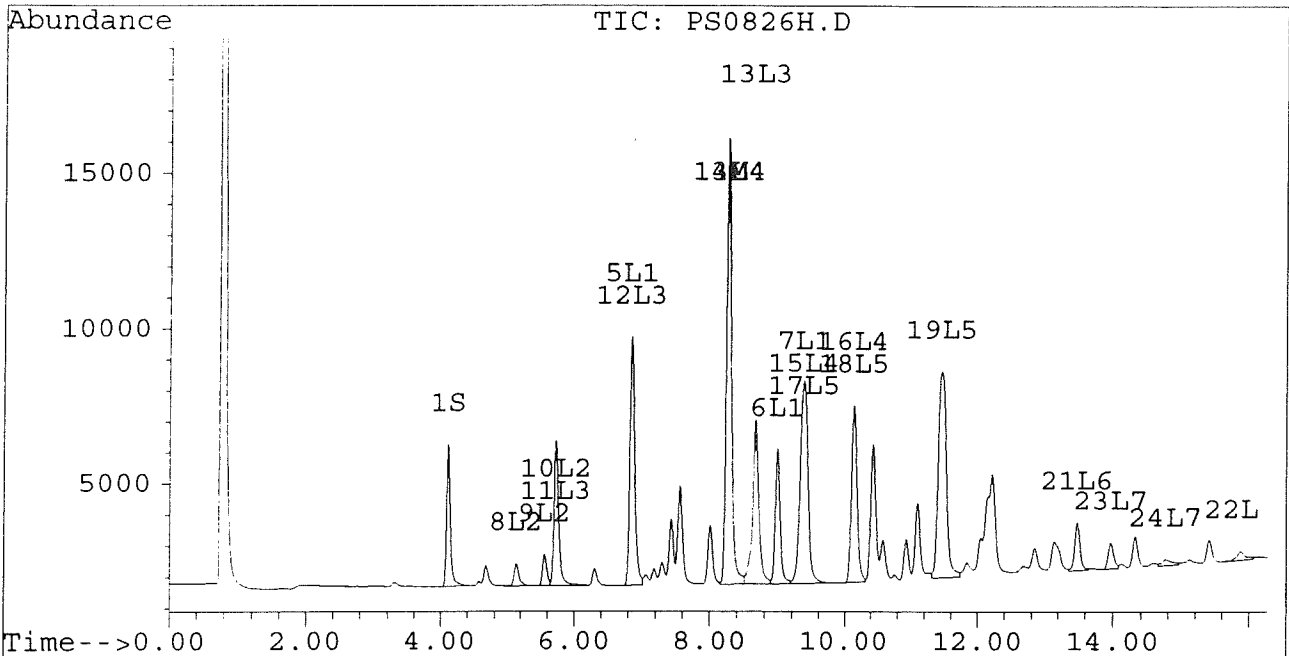
Signal #1 : D:\HPCHEM\5\AU26A\PS0826H.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826H.D\CONFIRM.D  
Acq On : 26 Aug 96 07:06 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 26 19:40 1996

Vial: 3  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



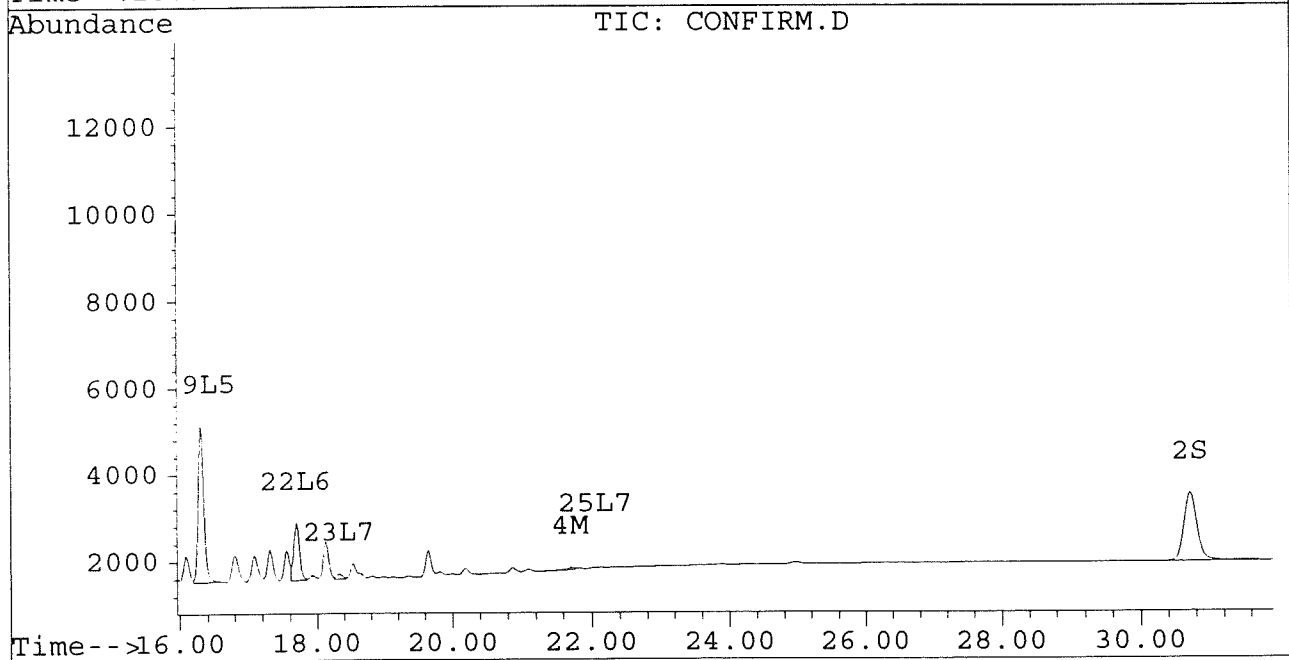
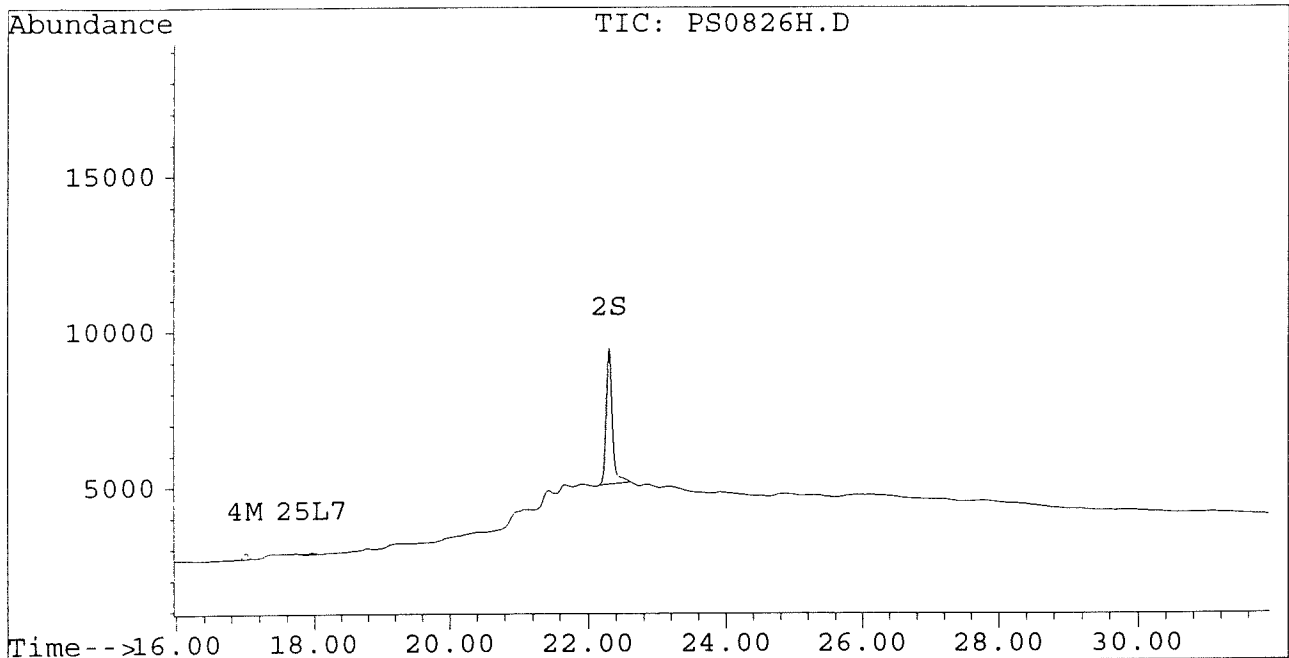
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826H.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826H.D\CONFIRM.D  
Acq On : 26 Aug 96 07:06 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 26 19:40 1996

Vial: 3  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826I.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826I.D\CONFIRM.D  
 Acq On : 26 Aug 96 07:42 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 26 20:16 1996

Vial: 4  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.10	6.53	4517	3525	0.019	0.018
			Recovery	=	47.50%	45.00%
2) S Decachlorobiphenyl	22.30	30.71	4294	1536	0.020	0.017
			Recovery	=	50.00%	42.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.76	342	247	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	3348	2209	0.018	0.014
5) L1 Aroclor-1016	6.85	8.90	179	62	0.006	0.005
6) L1 Aroclor-1016 {2}	8.99	10.44	99	157	0.006	0.006
7) L1 Aroclor-1016 {3}	9.35f	12.37	5931	81	0.229	0.005 #
Total Aroclor-1016			6209	300	0.240	0.015
Average Aroclor-1016					0.080	0.005
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.90	76	62	0.004	0.004
Total Aroclor-1221			76	62	0.004	0.004
Average Aroclor-1221					0.004	0.004
11) L3 Aroclor-1232	5.73	8.90	76	62	0.004	0.004
12) L3 Aroclor-1232 {2}	6.85	10.44	179	157	0.013	0.013
13) L3 Aroclor-1232 {3}	8.66	12.37	120	81	0.014	0.012
Total Aroclor-1232			375	300	0.032	0.029
Average Aroclor-1232					0.011	0.010
14) L4 Aroclor-1242	8.27	11.76	342	247	0.008	0.008
15) L4 Aroclor-1242 {2}	9.35	12.37	5931	81	0.305	0.006 #
16) L4 Aroclor-1242 {3}	10.12	14.13	2925	2496	0.173	0.188
Total Aroclor-1242			9198	2824	0.486	0.202
Average Aroclor-1242					0.162	0.067
17) L5 Aroclor-1248	9.35	15.08	5931	3728	0.186	0.165
18) L5 Aroclor-1248 {2}	10.12	15.30	2925	1175	0.107	0.050 #
19) L5 Aroclor-1248 {3}	11.41	16.31	11215	761	0.322	0.043 #
Total Aroclor-1248			20070	5664	0.615	0.258
Average Aroclor-1248					0.205	0.086

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826I.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826I.D\CONFIRM.D  
 Acq On : 26 Aug 96 07:42 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 26 20:16 1996

Vial: 4  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	10435	8787	0.334	0.325
21) L6 Aroclor-1254 {2}	13.48	15.83	14712	9537	0.341	0.328
22) L6 Aroclor-1254 {3}	15.87	17.69	10934	13183	0.340	0.331
Total Aroclor-1254			36080	31507	1.015	0.984
Average Aroclor-1254					0.338	0.328
23) L7 Aroclor-1260	13.98	18.33	6664	4762	0.192	0.149
24) L7 Aroclor-1260 {2}	14.76	18.64	6179	5242	0.152	0.146
25) L7 Aroclor-1260 {3}	17.97	22.06	1577	950	0.027	0.018 #
Total Aroclor-1260			14420	10954	0.371	0.312
Average Aroclor-1260					0.124	0.104
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

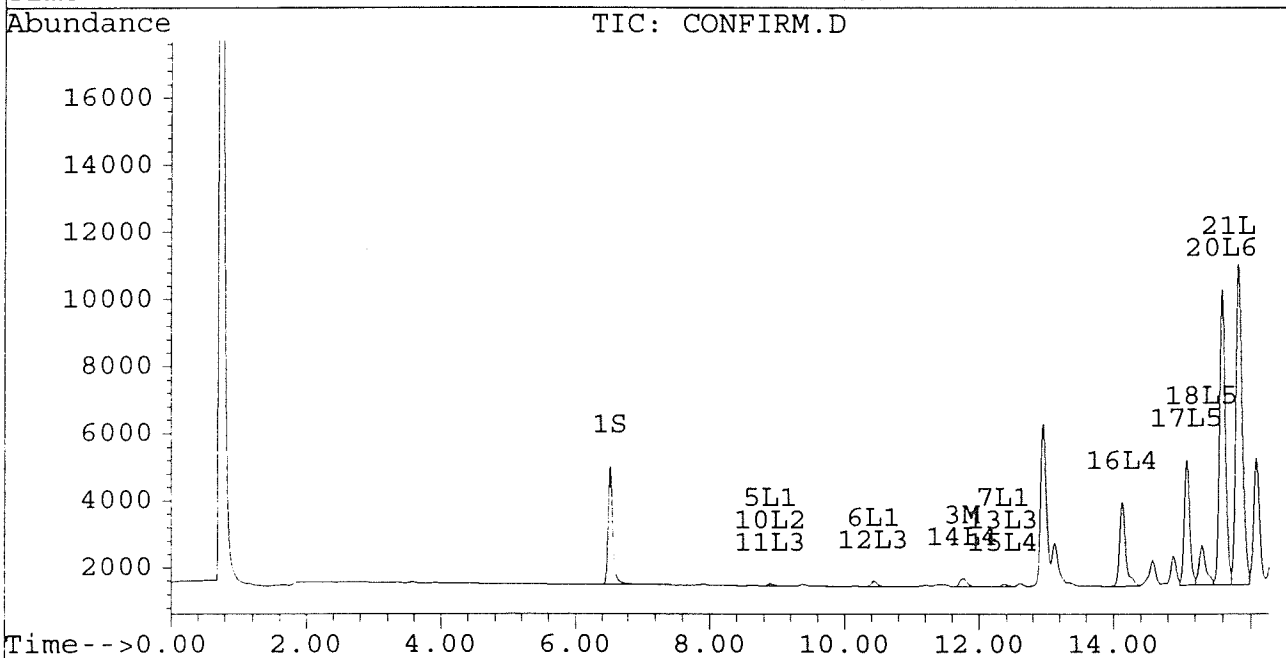
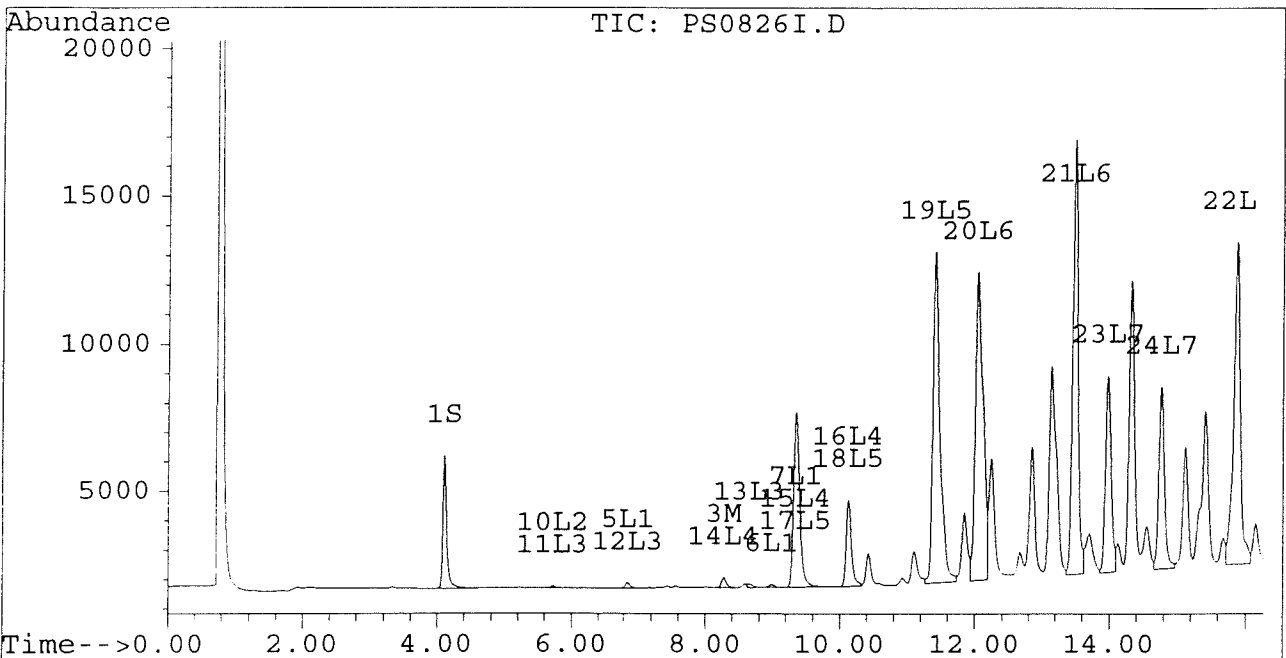
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826I.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826I.D\CONFIRM.D  
Acq On : 26 Aug 96 07:42 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 26 20:16 1996

Vial: 4  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



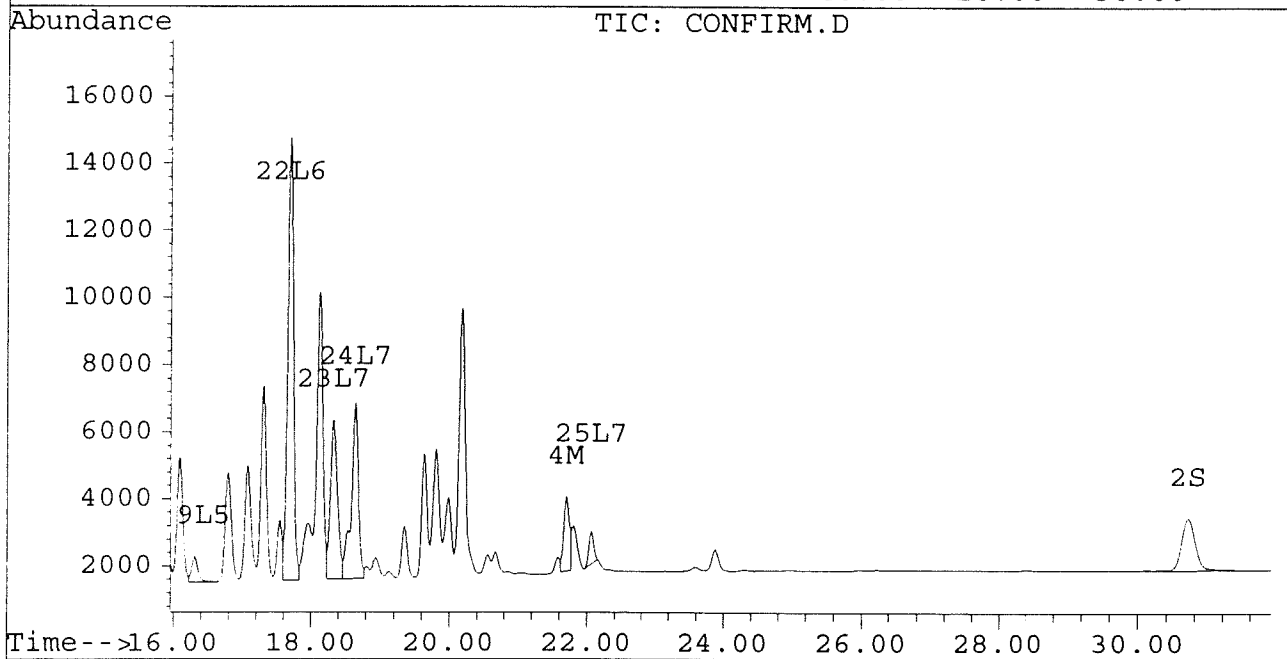
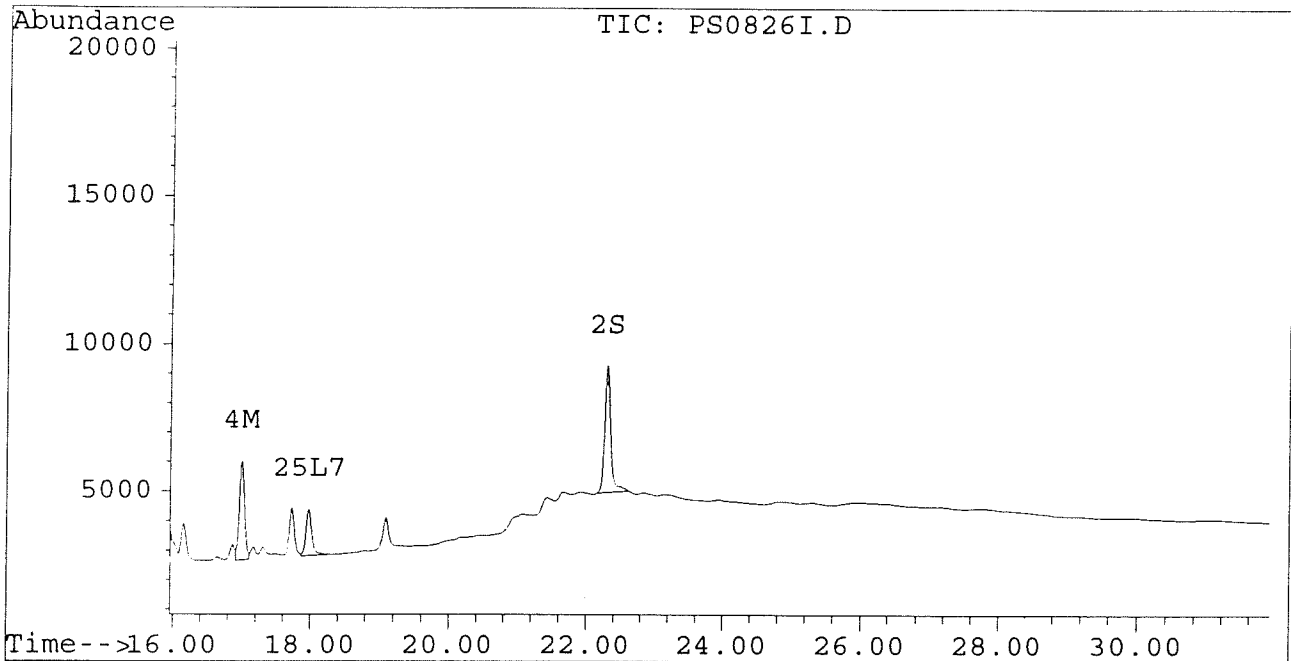
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826I.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826I.D\CONFIRM.D  
Acq On : 26 Aug 96 07:42 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 26 20:16 1996

Vial: 4  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826J.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826J.D\CONFIRM.D  
 Acq On : 26 Aug 96 08:17 PM  
 Sample : PCB COGENERES 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 26 20:51 1996

Vial: 5  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4487	3768	0.019	0.020
			Recovery	=	47.50%	50.00%
2) S Decachlorobiphenyl	22.30	30.71	4012	1415	0.019	0.016
			Recovery	=	47.50%	40.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.79	26583	24445	0.243	0.255
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	43987	38911	0.235	0.248
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.12	8.12	40	82	0.006	0.013 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			40	82	0.006	0.013
Average Aroclor-1221					0.006	0.013
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.27	11.79	26583	24445	0.642	0.820 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			26583	24445	0.642	0.820
Average Aroclor-1242					0.642	0.820
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826J.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826J.D\CONFIRM.D  
 Acq On : 26 Aug 96 08:17 PM  
 Sample : PCB COGENERES 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 26 20:51 1996

Vial: 5  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	13.97	0.00	161	0	0.005	N.D. #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	17.97	0.00	39	0	0.001	N.D. #
Total Aroclor-1260			200	0	0.005	N.D.
Average Aroclor-1260					0.003	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



Quantitation Report

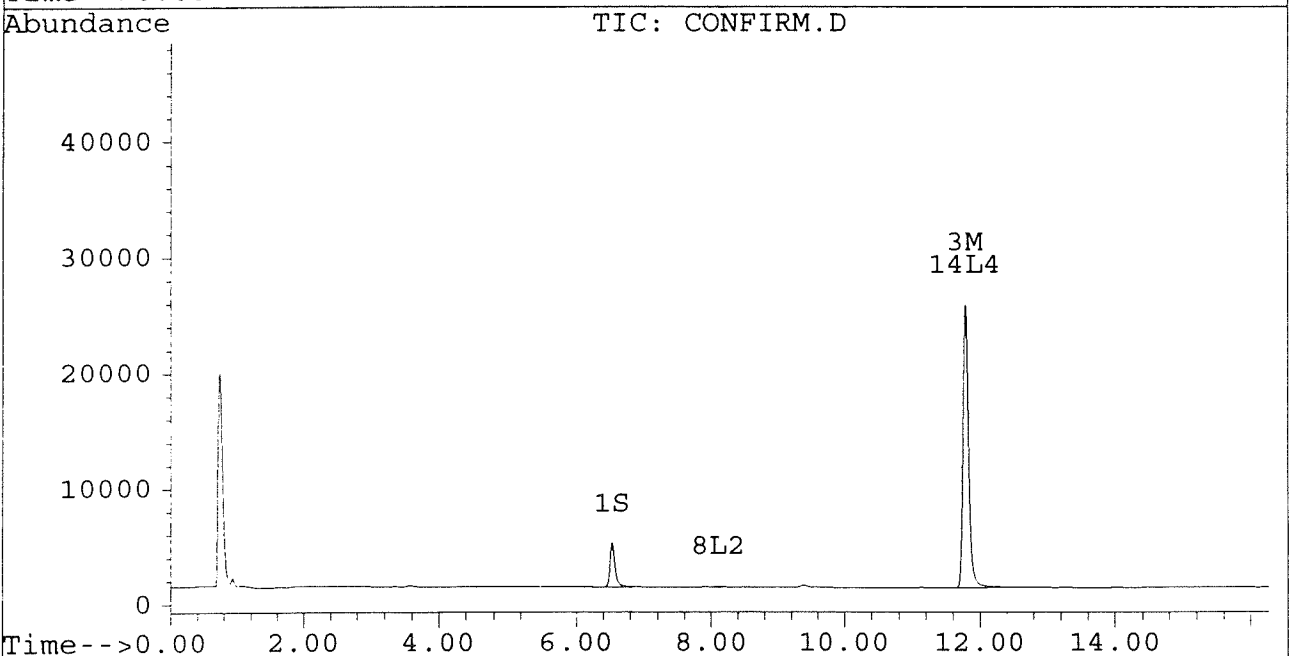
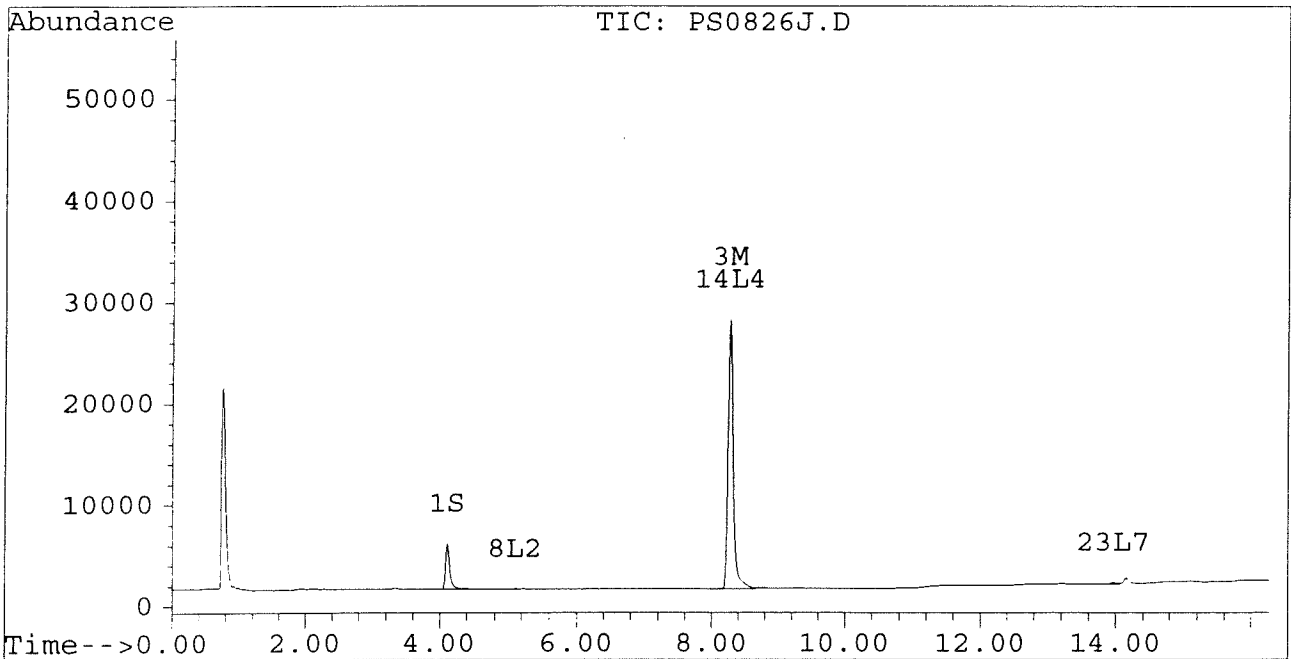
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Signal #2 : D:\HPCHEM\5\AU26A\PS0826J.D\CONFIRM.D  
Acq On : 26 Aug 96 08:17 PM  
Sample : PCB COGENERES 0.25 UG/ML  
Misc :  
Quant Time: Aug 26 20:51 1996

Vial: 5

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



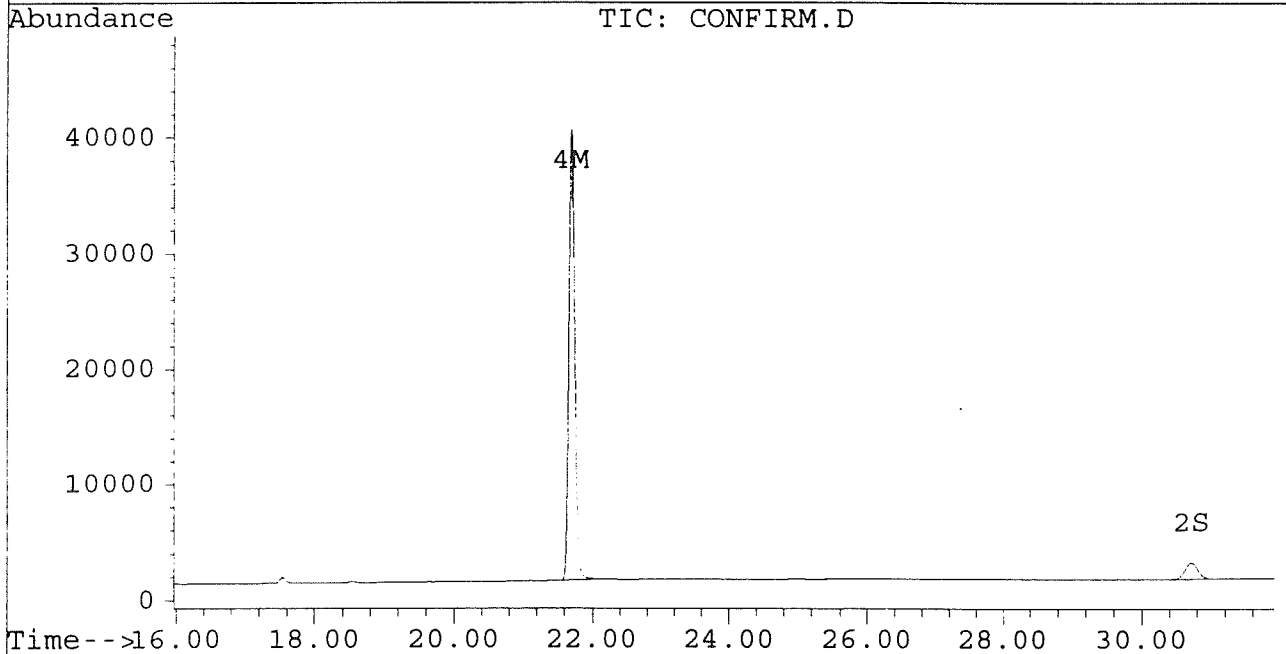
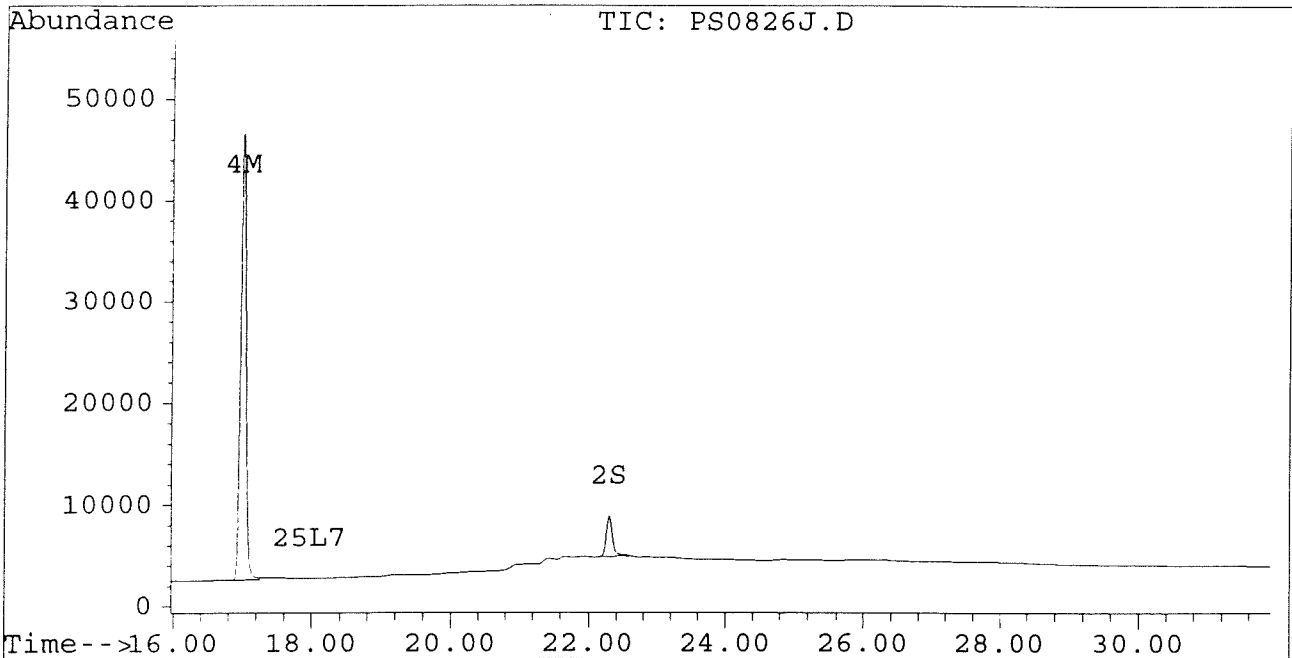
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826J.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826J.D\CONFIRM.D  
Acq On : 26 Aug 96 08:17 PM  
Sample : PCB COGENERERS 0.25 UG/ML  
Misc :  
Quant Time: Aug 26 20:51 1996

Vial: 5  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826M.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826M.D\CONFIRM.D  
 Acq On : 27 Aug 96 04:00 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 27 4:34 1996

Vial: 18  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.10	6.52	4177	3354	0.017	0.018
			Recovery	=	42.50%	45.00%
2) S Decachlorobiphenyl	22.30	30.71	3546	1517	0.017	0.017
			Recovery	=	42.50%	42.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	13566	9859	0.124	0.103
4) M 2,2',3,3',4,4'-Hexa	17.00	21.72	173	140	0.001	0.001
5) L1 Aroclor-1016	6.85	8.90	7675	3761	0.240	0.279
6) L1 Aroclor-1016 {2}	8.98	10.43	4083	6843	0.233	0.245
7) L1 Aroclor-1016 {3}	9.38	12.37	6343	4223	0.245	0.245
Total Aroclor-1016			18100	14827	0.717	0.769
Average Aroclor-1016					0.239	0.256
8) L2 Aroclor-1221	5.12	8.12	672	658	0.096	0.108
9) L2 Aroclor-1221 {2}	5.55	8.67	946	830	0.162	0.170
10) L2 Aroclor-1221 {3}	5.72	8.90	4414	3761	0.218	0.245
Total Aroclor-1221			6031	5248	0.476	0.523
Average Aroclor-1221					0.159	0.174
11) L3 Aroclor-1232	5.72	8.90	4414	3761	0.242	0.262
12) L3 Aroclor-1232 {2}	6.85	10.43	7675	6843	0.562	0.570
13) L3 Aroclor-1232 {3}	8.66	12.37	5051	4223	0.610	0.609
Total Aroclor-1232			17140	14827	1.415	1.441
Average Aroclor-1232					0.472	0.480
14) L4 Aroclor-1242	8.27	11.77	13566	9859	0.328	0.331
15) L4 Aroclor-1242 {2}	9.38	12.37	6343	4223	0.326	0.320
16) L4 Aroclor-1242 {3}	10.13	14.13	5454	4213	0.323	0.317
Total Aroclor-1242			25363	18295	0.976	0.967
Average Aroclor-1242					0.325	0.322
17) L5 Aroclor-1248	9.38	15.08	6343	4011	0.199	0.178
18) L5 Aroclor-1248 {2}	10.13	15.30	5454	4603	0.199	0.197
19) L5 Aroclor-1248 {3}	11.46	16.31	6249	3384	0.180	0.189
Total Aroclor-1248			18046	11997	0.578	0.565
Average Aroclor-1248					0.193	0.188

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826M.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826M.D\CONFIRM.D  
 Acq On : 27 Aug 96 04:00 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 27 4:34 1996

Vial: 18  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.59	0	1059	N.D.	0.039 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1421	1130	0.033	0.039
22) L6 Aroclor-1254 {3}	15.88	17.69	269	1239	0.008	0.031 #
Total Aroclor-1254			1690	3428	0.041	0.109
Average Aroclor-1254					0.021	0.036
23) L7 Aroclor-1260	13.97	18.33	813	102	0.023	0.003 #
24) L7 Aroclor-1260 {2}	14.77	0.00	202	0	0.005	N.D. #
25) L7 Aroclor-1260 {3}	17.97	22.07	47	75	0.001	0.001 #
Total Aroclor-1260			1063	177	0.029	0.005
Average Aroclor-1260					0.010	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

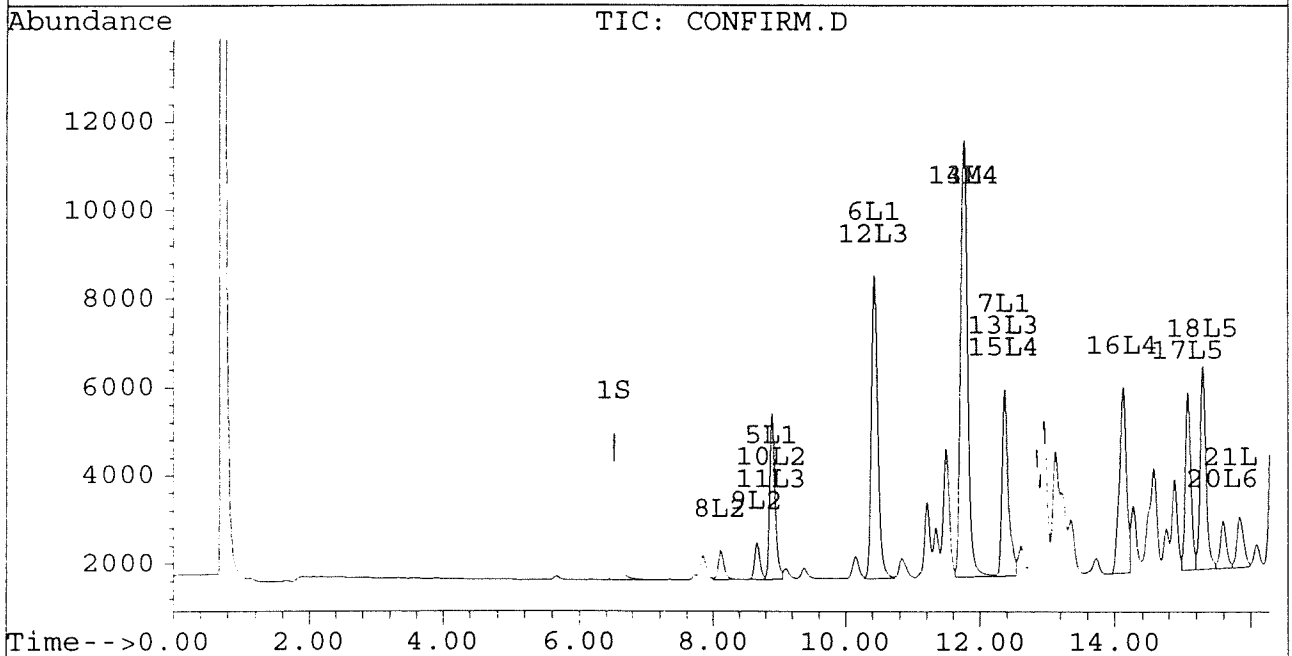
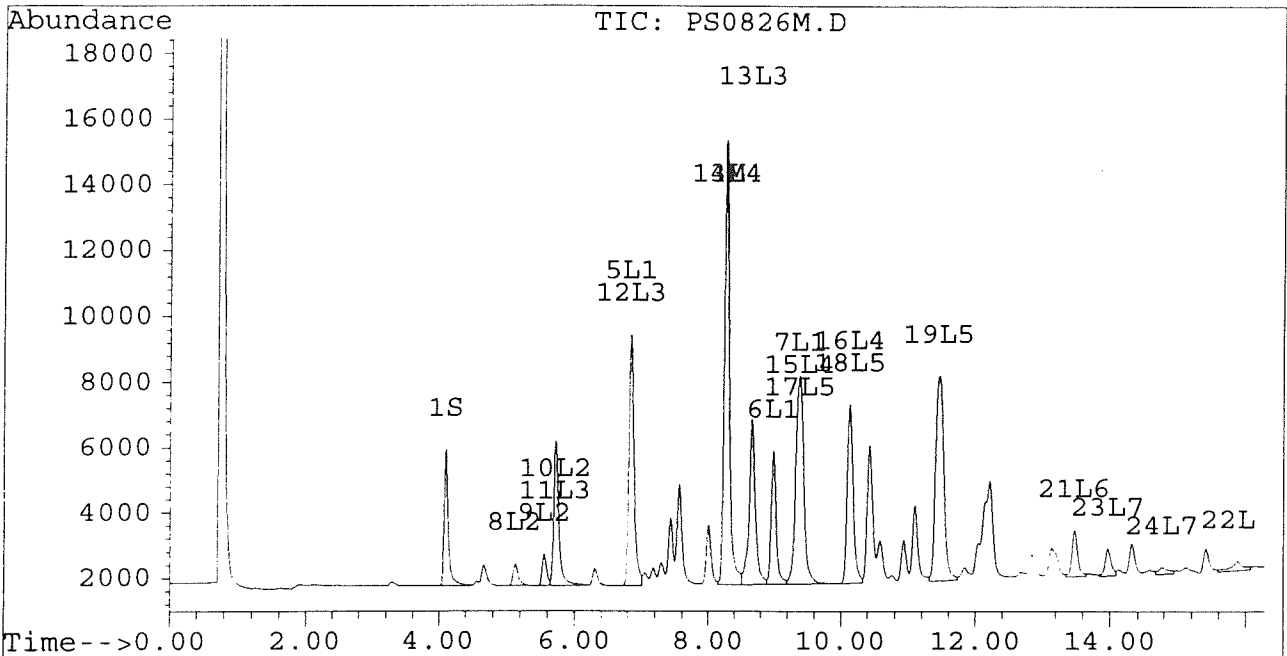
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826M.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826M.D\CONFIRM.D  
Acq On : 27 Aug 96 04:00 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 27 4:34 1996

Vial: 18  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



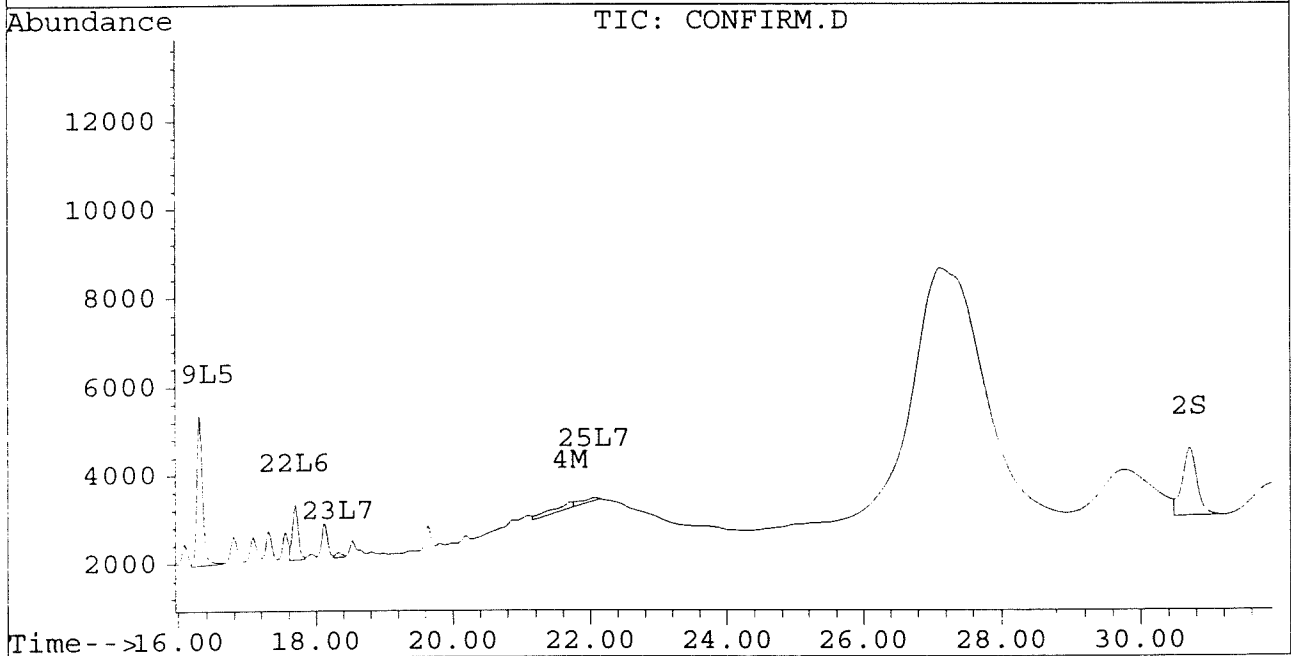
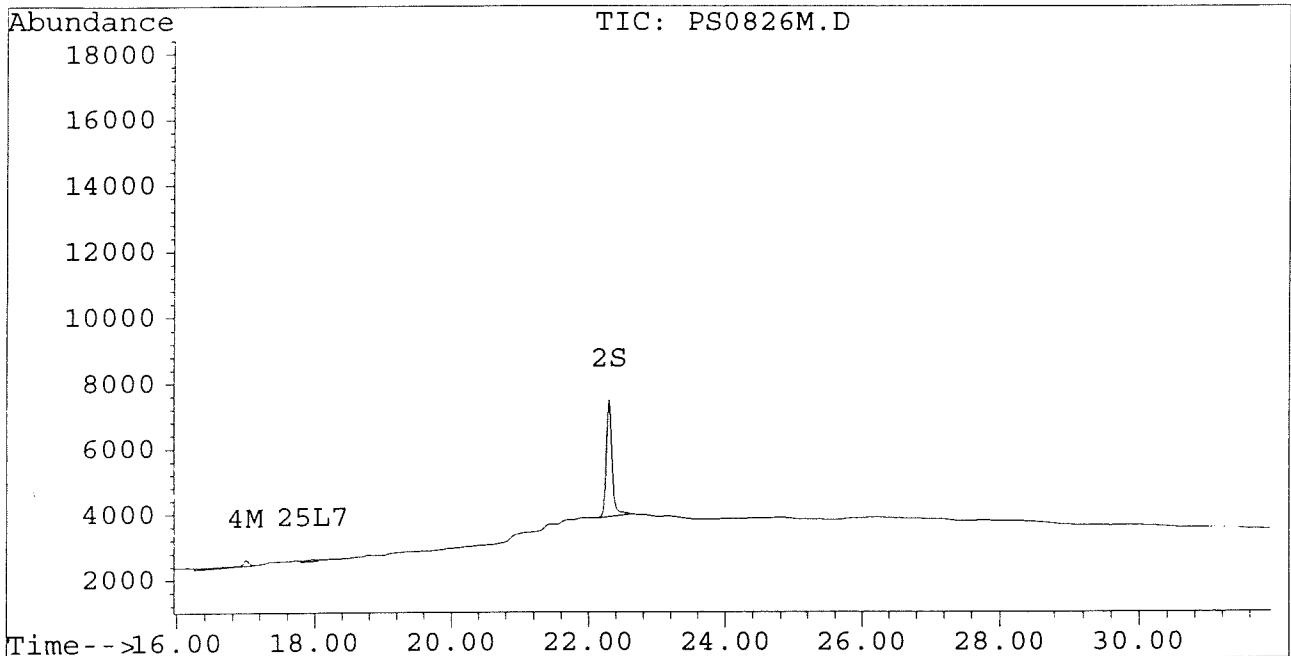
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826M.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826M.D\CONFIRM.D  
Acq On : 27 Aug 96 04:00 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 27 4:34 1996

Vial: 18  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826N.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826N.D\CONFIRM.D  
 Acq On : 27 Aug 96 04:36 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 27 5:09 1996

Vial: 19  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	3785	3122	0.016	0.016
			Recovery	=	40.00%	40.00%
2) S Decachlorobiphenyl	22.30	30.72	3268	1383	0.015	0.016
			Recovery	=	37.50%	40.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	301	224	0.003	0.002
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	2811	1838	0.015	0.012
5) L1 Aroclor-1016	6.86	8.91	160	57	0.005	0.004
6) L1 Aroclor-1016 {2}	8.99	10.44	87	146	0.005	0.005
7) L1 Aroclor-1016 {3}	9.35f	12.37	5308	73	0.205	0.004 #
Total Aroclor-1016			5555	277	0.215	0.014
Average Aroclor-1016					0.072	0.005
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.91	66	57	0.003	0.004
Total Aroclor-1221			66	57	0.003	0.004
Average Aroclor-1221					0.003	0.004
11) L3 Aroclor-1232	5.73	8.91	66	57	0.004	0.004
12) L3 Aroclor-1232 {2}	6.86	10.44	160	146	0.012	0.012
13) L3 Aroclor-1232 {3}	8.66	12.37	110	73	0.013	0.011
Total Aroclor-1232			335	277	0.029	0.027
Average Aroclor-1232					0.010	0.009
14) L4 Aroclor-1242	8.27	11.77	301	224	0.007	0.008
15) L4 Aroclor-1242 {2}	9.35	12.37	5308	73	0.273	0.006 #
16) L4 Aroclor-1242 {3}	10.13	14.13	2586	2275	0.153	0.171
Total Aroclor-1242			8195	2573	0.433	0.184
Average Aroclor-1242					0.144	0.061
17) L5 Aroclor-1248	9.35	15.08	5308	3291	0.167	0.146
18) L5 Aroclor-1248 {2}	10.13	15.30	2586	1030	0.094	0.044 #
19) L5 Aroclor-1248 {3}	11.42	16.31	9870	689	0.284	0.039 #
Total Aroclor-1248			17764	5010	0.545	0.229
Average Aroclor-1248					0.182	0.076
-----						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826N.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826N.D\CONFIRM.D  
 Acq On : 27 Aug 96 04:36 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 27 5:09 1996

Vial: 19  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	9118	8095	0.292	0.300
21) L6 Aroclor-1254 {2}	13.48	15.83	12625	8578	0.292	0.295
22) L6 Aroclor-1254 {3}	15.87	17.69	9149	11675	0.285	0.293
Total Aroclor-1254			30891	28348	0.869	0.888
Average Aroclor-1254					0.290	0.296
23) L7 Aroclor-1260	13.98	18.33	5829	4256	0.168	0.133
24) L7 Aroclor-1260 {2}	14.76	18.64	5198	4605	0.128	0.128
25) L7 Aroclor-1260 {3}	17.97	22.06	1276	808	0.022	0.015 #
Total Aroclor-1260			12303	9670	0.318	0.276
Average Aroclor-1260					0.106	0.092
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



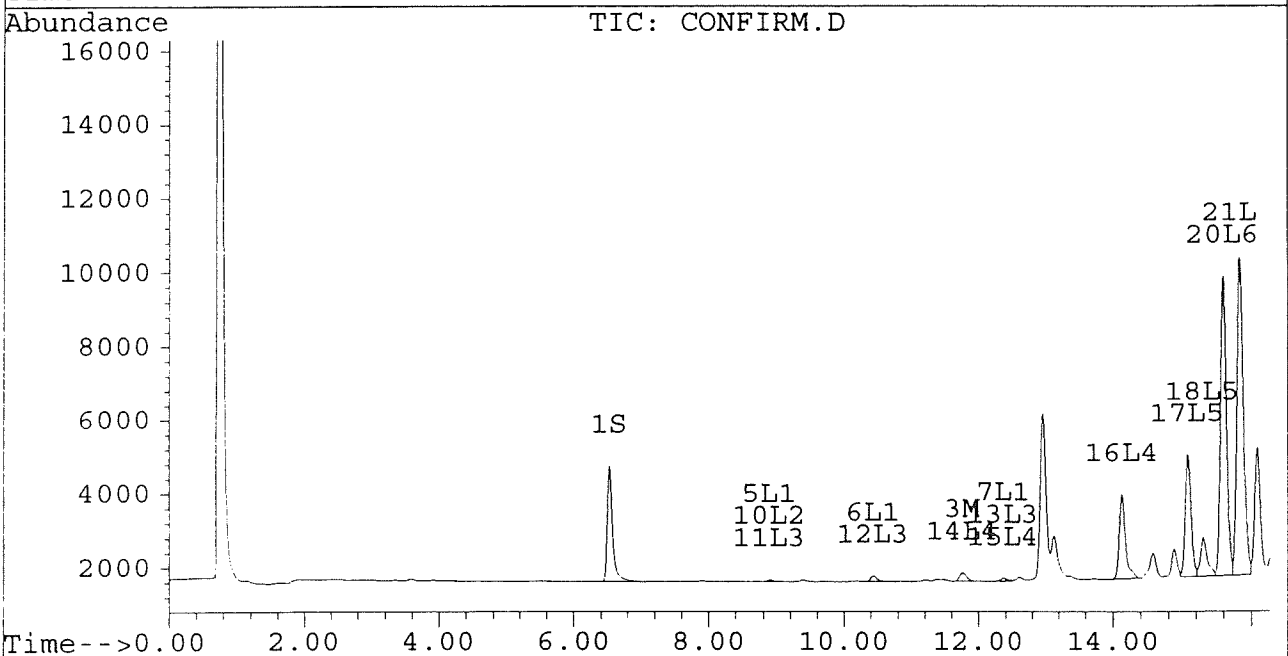
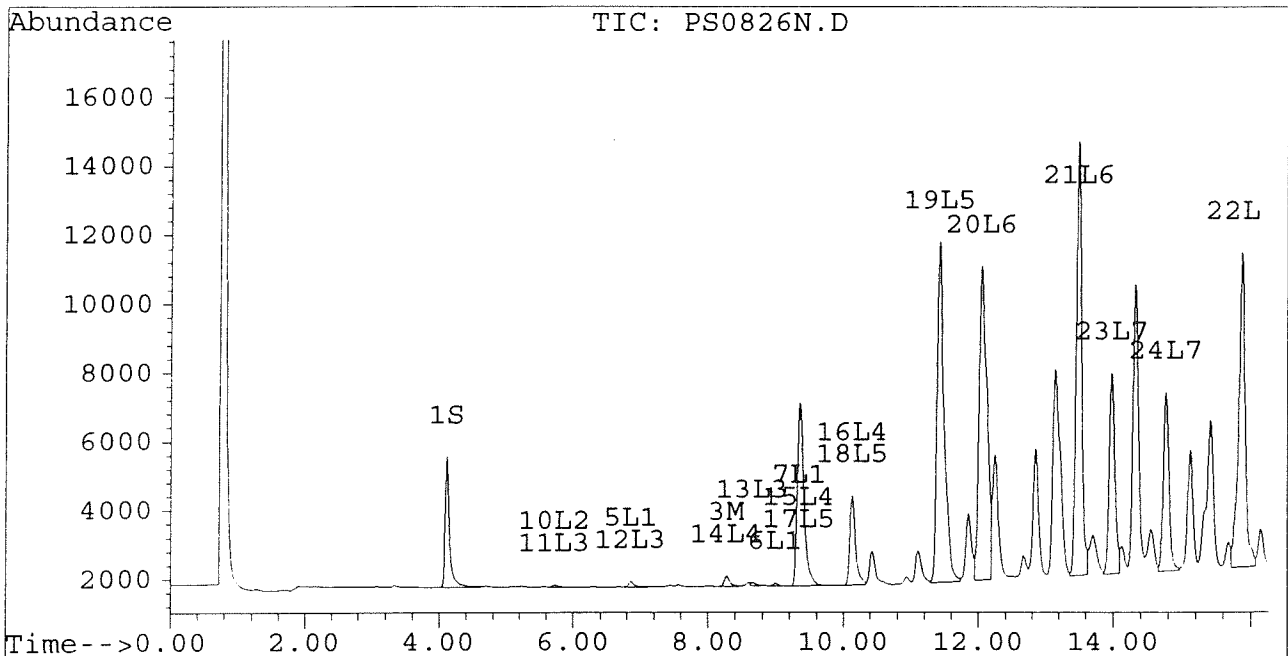
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826N.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826N.D\CONFIRM.D  
Acq On : 27 Aug 96 04:36 AM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 27 5:09 1996

Vial: 19  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



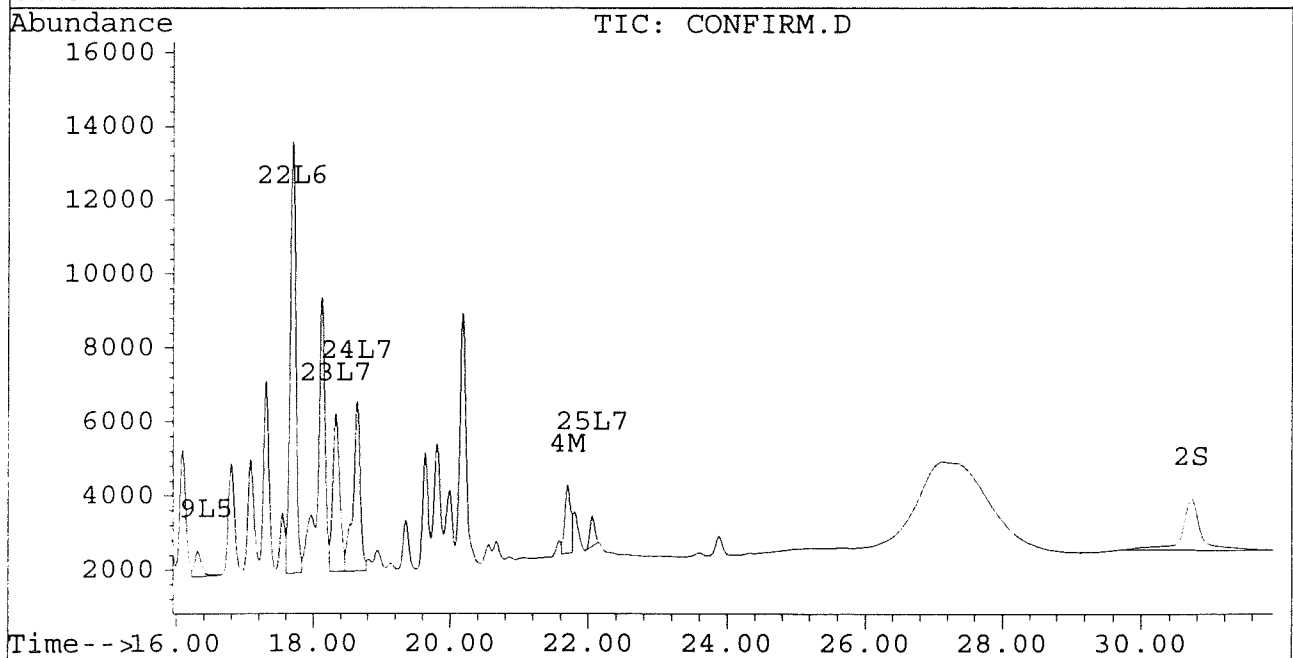
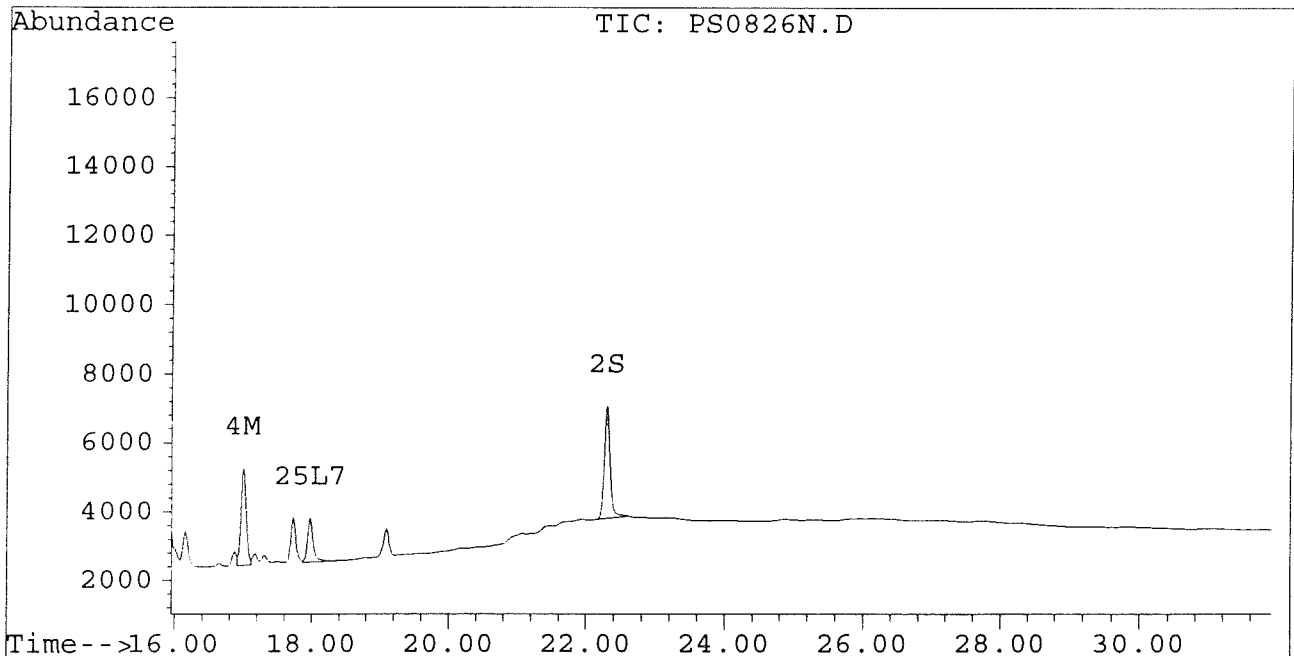
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826N.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826N.D\CONFIRM.D  
Acq On : 27 Aug 96 04:36 AM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 27 5:09 1996

Vial: 19  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS08260.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS08260.D\CONFIRM.D  
 Acq On : 27 Aug 96 05:11 AM  
 Sample : PCB COGENERES 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 27 5:45 1996

Vial: 20  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4743	3825	0.020	0.020
			Recovery	=	50.00%	50.00%
2) S Decachlorobiphenyl	22.30	30.72	3860	1657	0.018	0.019
			Recovery	=	45.00%	47.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.79	26599	24178	0.243	0.252
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	44820	38731	0.240	0.247
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.11	8.11	44	80	0.006	0.013 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			44	80	0.006	0.013
Average Aroclor-1221					0.006	0.013
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.27	11.79	26599	24178	0.642	0.811 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			26599	24178	0.642	0.811
Average Aroclor-1242					0.642	0.811
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	11.49f	0.00	51	0	0.001	N.D. #
Total Aroclor-1248			51	0	0.001	N.D.
Average Aroclor-1248					0.001	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 PS08260.D PCB1G.M Tue Aug 27 05:45:25 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS08260.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS08260.D\CONFIRM.D  
 Acq On : 27 Aug 96 05:11 AM  
 Sample : PCB COGENERATORS 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 27 5:45 1996

Vial: 20  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	13.97	0.00	126	0	0.004	N.D. #
24) L7 Aroclor-1260 {2}	14.79	0.00	31	0	0.001	N.D. #
25) L7 Aroclor-1260 {3}	17.97	0.00	21	0	0.000	N.D. #
Total Aroclor-1260			178	0	0.005	N.D.
Average Aroclor-1260					0.002	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

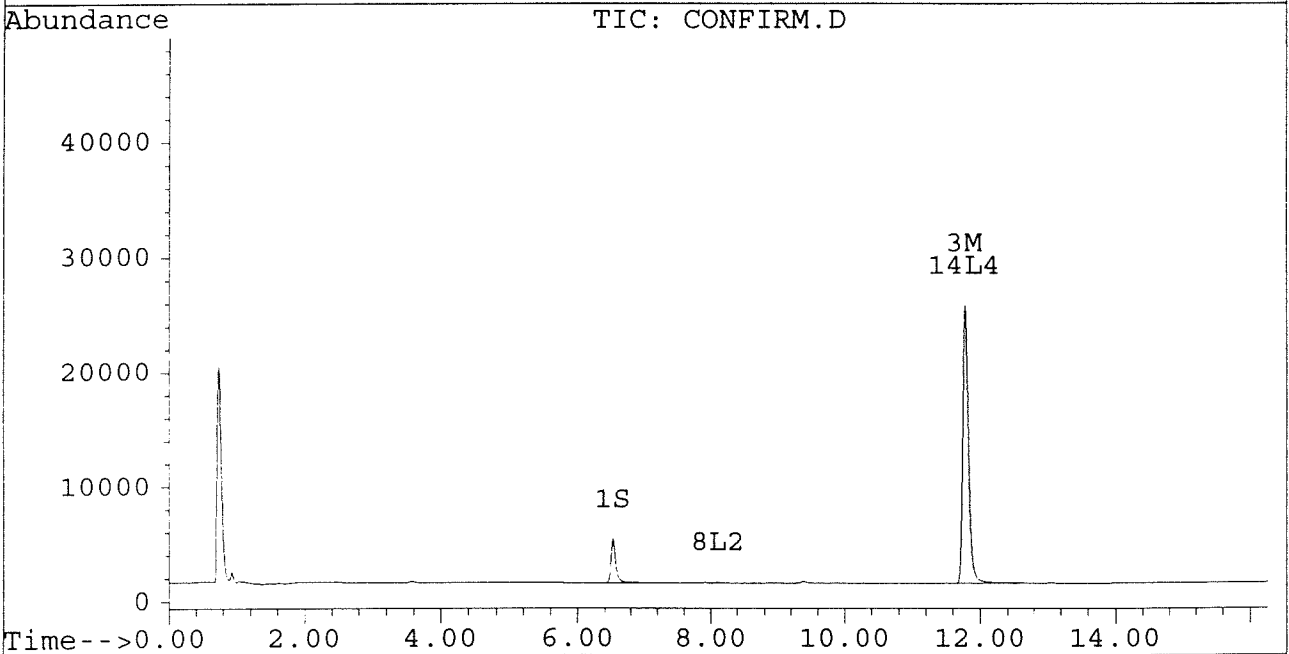
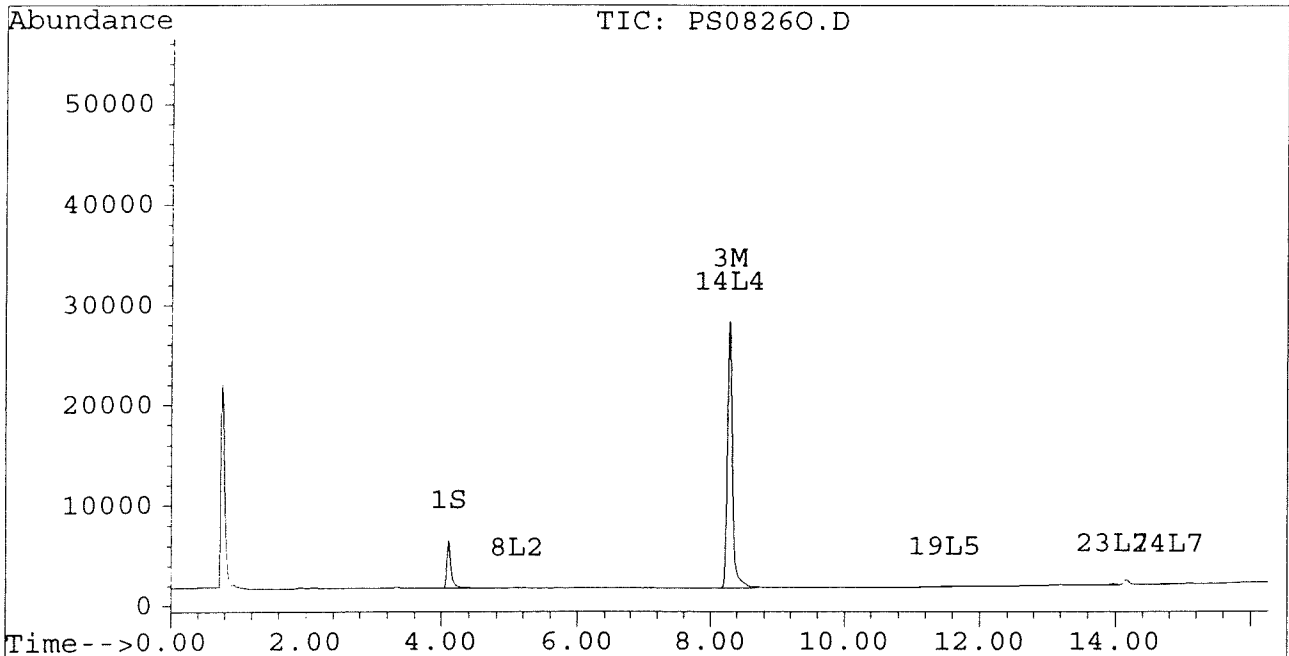
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS08260.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS08260.D\CONFIRM.D  
Acq On : 27 Aug 96 05:11 AM  
Sample : PCB\_COGENERS 0.25 UG/ML  
Misc :  
Quant Time: Aug 27 5:45 1996

Vial: 20  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



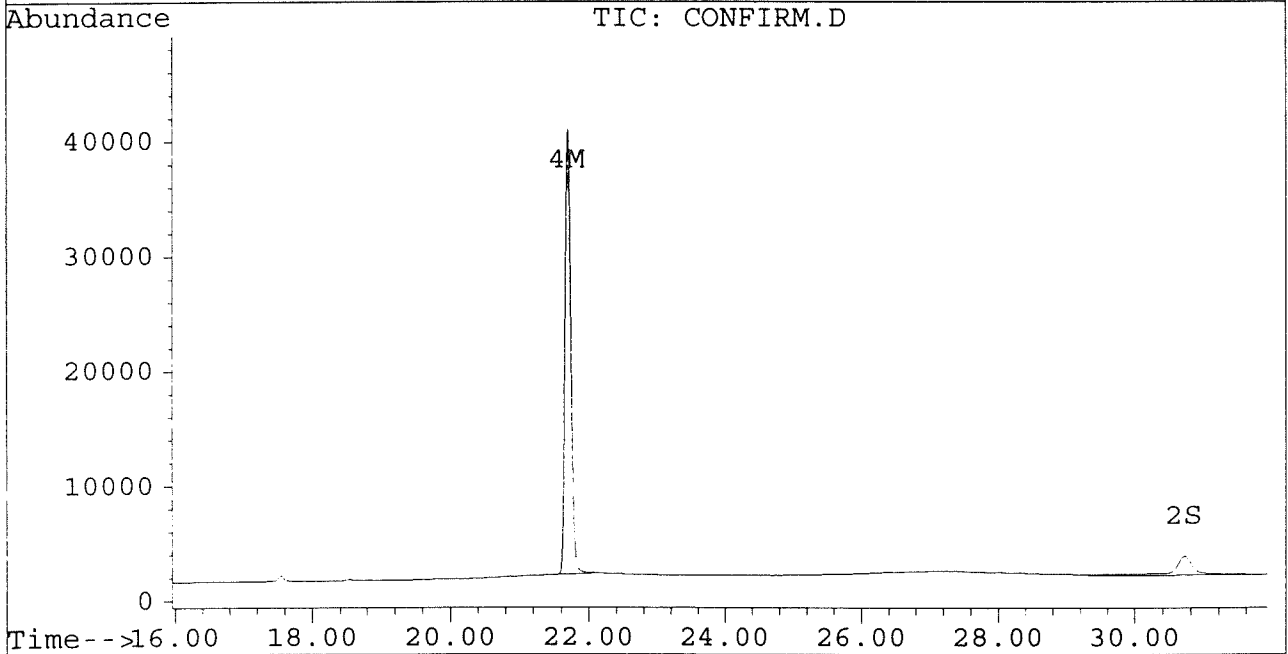
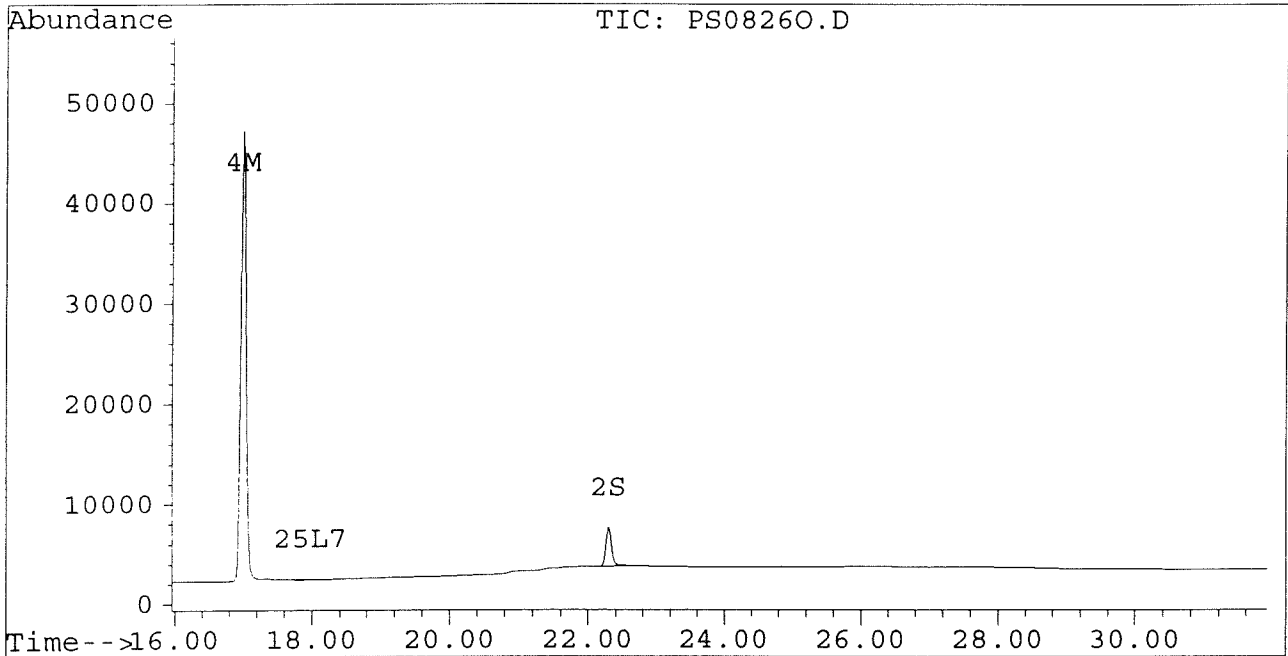
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS08260.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS08260.D\CONFIRM.D  
Acq On : 27 Aug 96 05:11 AM  
Sample : PCB COGENERERS 0.25 UG/ML  
Misc :  
Quant Time: Aug 27 5:45 1996

Vial: 20  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826R.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826R.D\CONFIRM.D  
 Acq On : 27 Aug 96 01:03 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 10:34 1996

Vial: 33  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4521	8553	0.019	0.045 #
			Recovery	=	47.50%	112.50%
2) S Decachlorobiphenyl	22.30	30.71	3682	1649	0.017	0.019
			Recovery	=	42.50%	47.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	14132	17885	0.129	0.187 #
4) M 2,2',3,3',4,4'-Hexa	17.00	21.69	178	209	0.001	0.001 #
5) L1 Aroclor-1016	6.85	8.90	7942	17262	0.248	1.283 #
6) L1 Aroclor-1016 {2}	8.99	10.43	4290	23028	0.245	0.825 #
7) L1 Aroclor-1016 {3}	9.38	12.37	6488	13866	0.250	0.804 #
Total Aroclor-1016			18721	54157	0.743	2.911
Average Aroclor-1016					0.248	0.970
8) L2 Aroclor-1221	5.13	8.13	703	10744	0.100	1.757 #
9) L2 Aroclor-1221 {2}	5.56	8.68	987	13441	0.169	2.756 #
10) L2 Aroclor-1221 {3}	5.73	8.90	4628	17262	0.229	1.124 #
Total Aroclor-1221			6318	41447	0.499	5.637
Average Aroclor-1221					0.166	1.879
11) L3 Aroclor-1232	5.73	8.90	4628	17262	0.254	1.205 #
12) L3 Aroclor-1232 {2}	6.85	10.43	7942	23028	0.582	1.917 #
13) L3 Aroclor-1232 {3}	8.66	12.37	5246	13866	0.634	2.000 #
Total Aroclor-1232			17816	54157	1.469	5.121
Average Aroclor-1232					0.490	1.707
14) L4 Aroclor-1242	8.27	11.77	14132	10515	0.341	0.353m
15) L4 Aroclor-1242 {2}	9.38	12.37	6488	4421	0.334	0.335m
16) L4 Aroclor-1242 {3}	10.13	14.13	5633	4406	0.333	0.331m
Total Aroclor-1242			26254	19342	1.008	1.019
Average Aroclor-1242					0.336	0.340
17) L5 Aroclor-1248	9.38	15.08	6488	5500	0.204	0.244
18) L5 Aroclor-1248 {2}	10.13	15.30	5633	5654	0.206	0.242
19) L5 Aroclor-1248 {3}	11.46	16.31	6445	3502	0.185	0.196
Total Aroclor-1248			18567	14656	0.595	0.682
Average Aroclor-1248					0.198	0.227

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826R.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826R.D\CONFIRM.D  
 Acq On : 27 Aug 96 01:03 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 10:34 1996

Vial: 33  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.59	0	1273	N.D.	0.047 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1435	1146	0.033	0.039
22) L6 Aroclor-1254 {3}	15.88	17.69	203	1296	0.006	0.033 #
Total Aroclor-1254			1638	3715	0.040	0.119
Average Aroclor-1254					0.020	0.040
23) L7 Aroclor-1260	13.97	18.33	795	82	0.023	0.003 #
24) L7 Aroclor-1260 {2}	14.77	18.64	123	136	0.003	0.004 #
25) L7 Aroclor-1260 {3}	17.97	22.05	31	93	0.001	0.002 #
Total Aroclor-1260			948	311	0.026	0.008
Average Aroclor-1260					0.009	0.003
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



Quantitation Report

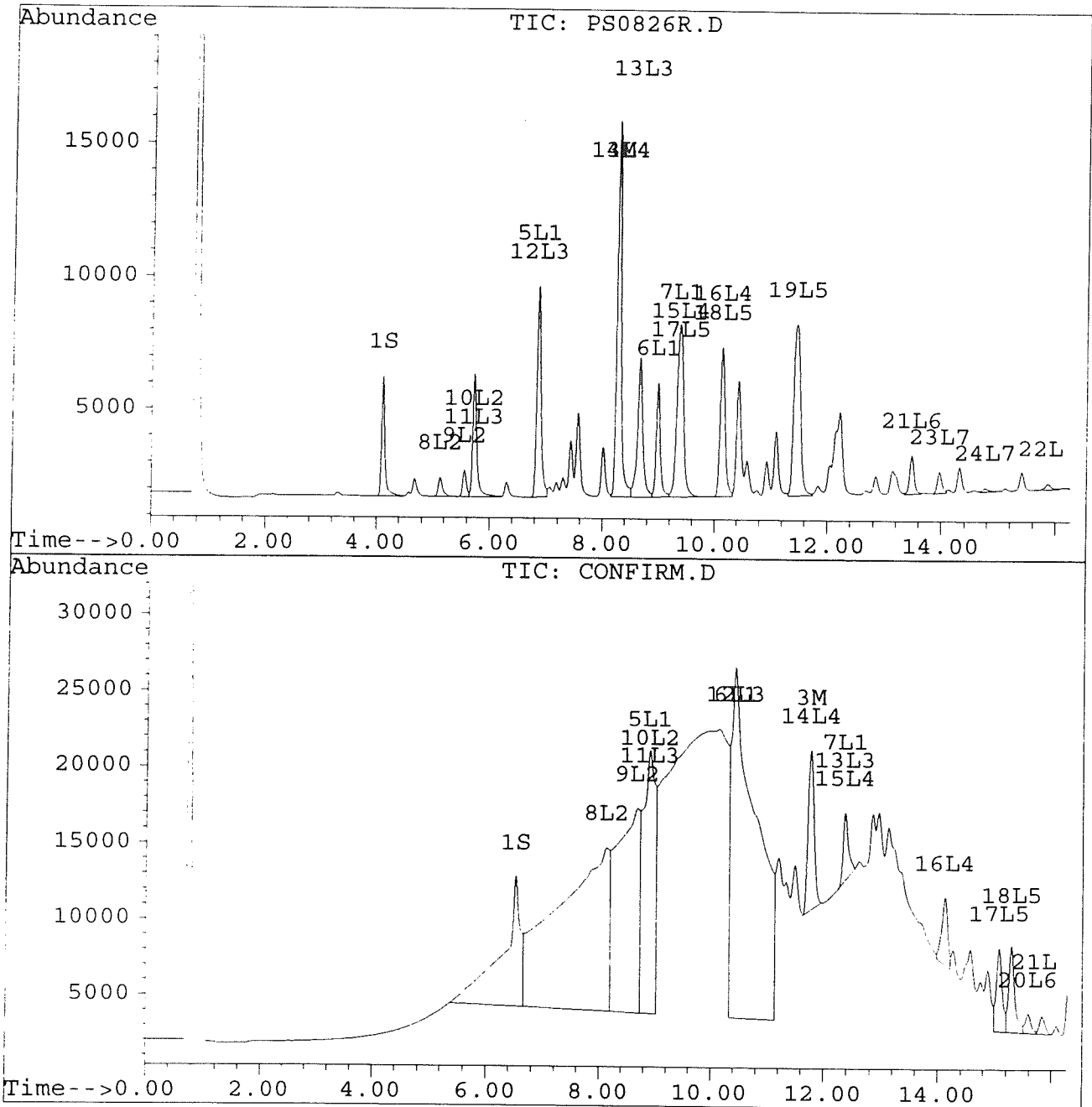
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Signal #2 : D:\HPCHEM\5\AU26A\PS0826R.D\CONFIRM.D  
Acq On : 27 Aug 96 01:03 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 4 10:34 1996

Vial: 33  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

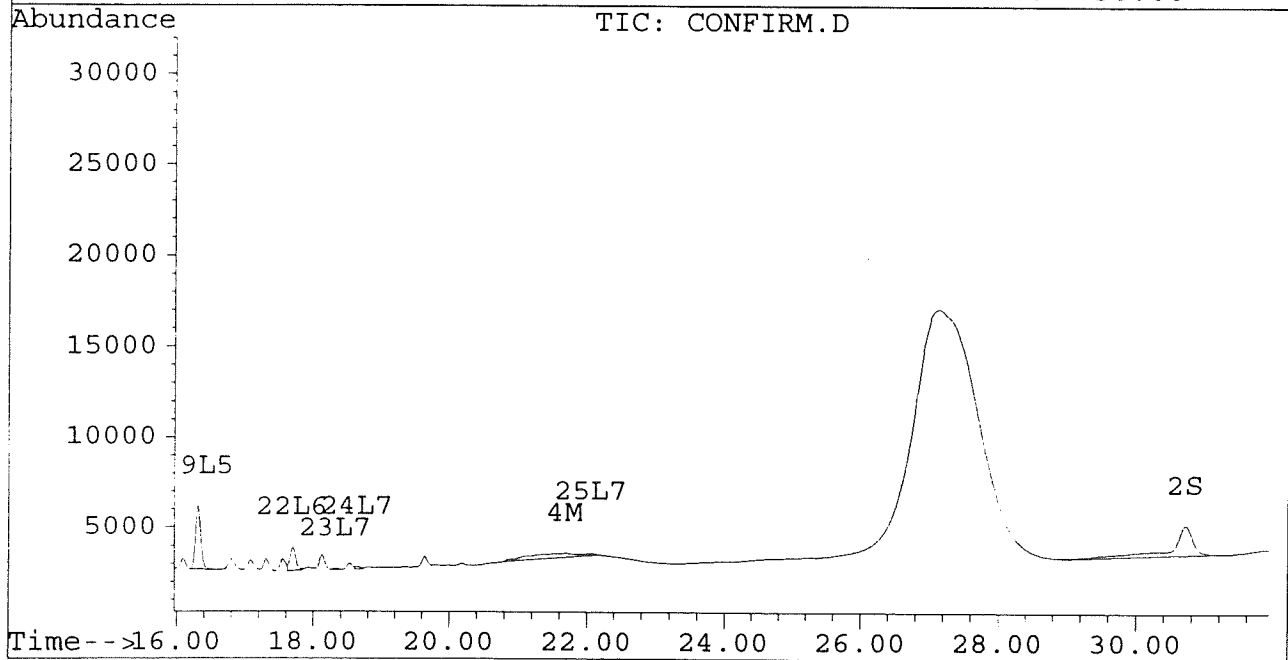
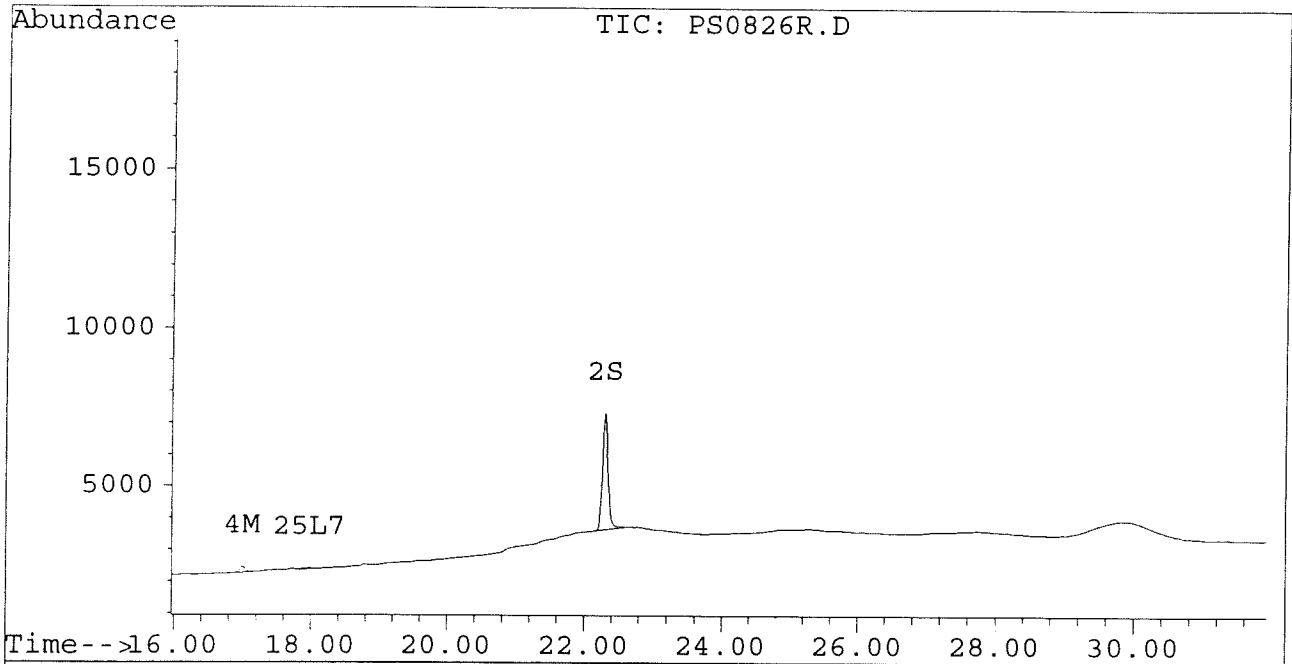
Signal #1 : D:\HPCHEM\5\AU26A\PS0826R.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826R.D\CONFIRM.D  
Acq On : 27 Aug 96 01:03 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 4 10:34 1996

Vial: 33  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826S.D Vial: 34  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826S.D\CONFIRM.D  
 Acq On : 27 Aug 96 01:39 PM Operator: JS  
 Sample : AR1254 1.0 UG/ML Inst : ECD1  
 Misc : Multiplr: 1.00  
 Quant Time: Sep 4 10:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4235	3505	0.018	0.018
			Recovery	=	45.00%	45.00%
2) S Decachlorobiphenyl	22.30	30.71	3735	1616	0.018	0.018m
			Recovery	=	45.00%	45.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.76	344	253	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	3204	2234	0.017	0.014
5) L1 Aroclor-1016	6.85	8.90	175	61	0.005	0.005
6) L1 Aroclor-1016 {2}	8.99	10.44	101	151	0.006	0.005
7) L1 Aroclor-1016 {3}	9.35f	12.37	5912	78	0.228	0.005 #
Total Aroclor-1016			6188	290	0.239	0.014
Average Aroclor-1016					0.080	0.005
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.90	73	61	0.004	0.004
Total Aroclor-1221			73	61	0.004	0.004
Average Aroclor-1221					0.004	0.004
11) L3 Aroclor-1232	5.73	8.90	73	61	0.004	0.004
12) L3 Aroclor-1232 {2}	6.85	10.44	175	151	0.013	0.013
13) L3 Aroclor-1232 {3}	8.65	12.37	121	78	0.015	0.011
Total Aroclor-1232			369	290	0.031	0.028
Average Aroclor-1232					0.010	0.009
14) L4 Aroclor-1242	8.27	11.76	344	253	0.008	0.008
15) L4 Aroclor-1242 {2}	9.35	12.37	5912	78	0.304	0.006 #
16) L4 Aroclor-1242 {3}	10.12	14.13	2917	2491	0.173	0.187
Total Aroclor-1242			9174	2821	0.485	0.202
Average Aroclor-1242					0.162	0.067
17) L5 Aroclor-1248	9.35	15.08	5912	3691	0.186	0.164
18) L5 Aroclor-1248 {2}	10.12	15.30	2917	1132	0.107	0.049 #
19) L5 Aroclor-1248 {3}	11.41	16.31	11027	786	0.317	0.044 #
Total Aroclor-1248			19857	5610	0.609	0.256
Average Aroclor-1248					0.203	0.085

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826S.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826S.D\CONFIRM.D  
 Acq On : 27 Aug 96 01:39 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 10:38 1996

Vial: 34  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	10238	8621	0.328	0.319
21) L6 Aroclor-1254 {2}	13.48	15.83	14315	9331	0.331	0.321
22) L6 Aroclor-1254 {3}	15.87	17.69	10455	12985	0.326	0.326
Total Aroclor-1254			35008	30937	0.985	0.966
Average Aroclor-1254					0.328	0.322
23) L7 Aroclor-1260	13.98	18.32	6502	4528	0.187	0.142
24) L7 Aroclor-1260 {2}	14.76	18.64	5890	5102	0.145	0.142
25) L7 Aroclor-1260 {3}	17.97	22.06	1465	936	0.025	0.018 #
Total Aroclor-1260			13857	10566	0.358	0.301
Average Aroclor-1260					0.119	0.100
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

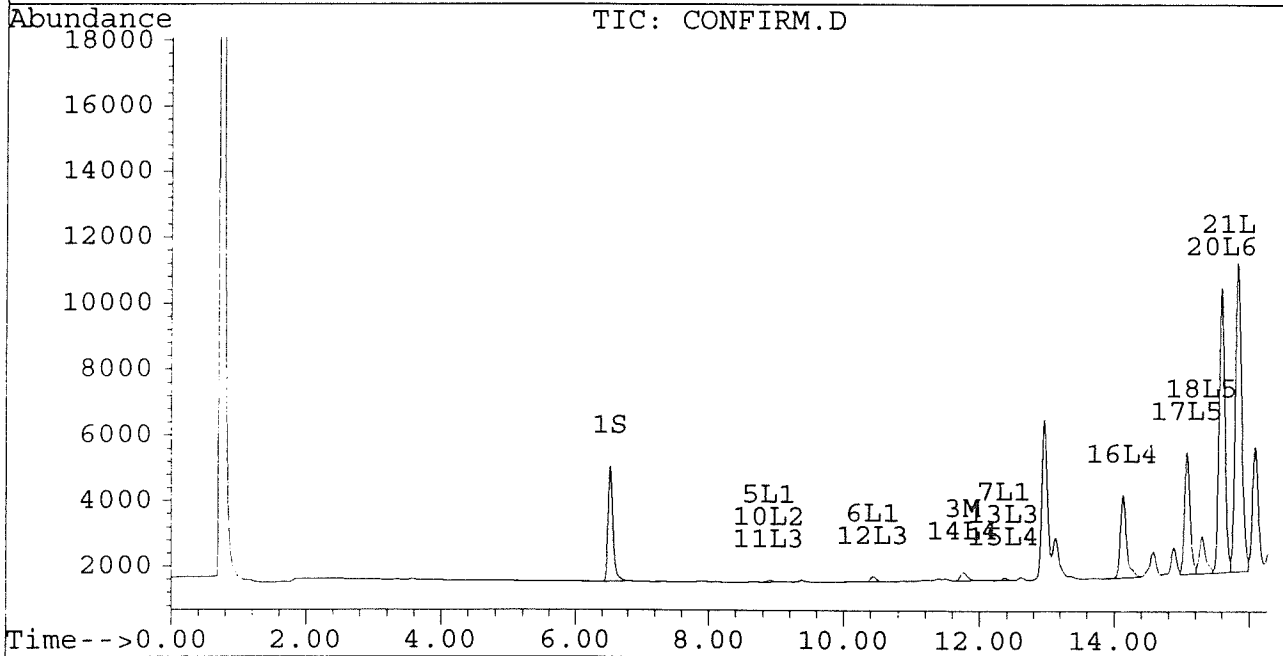
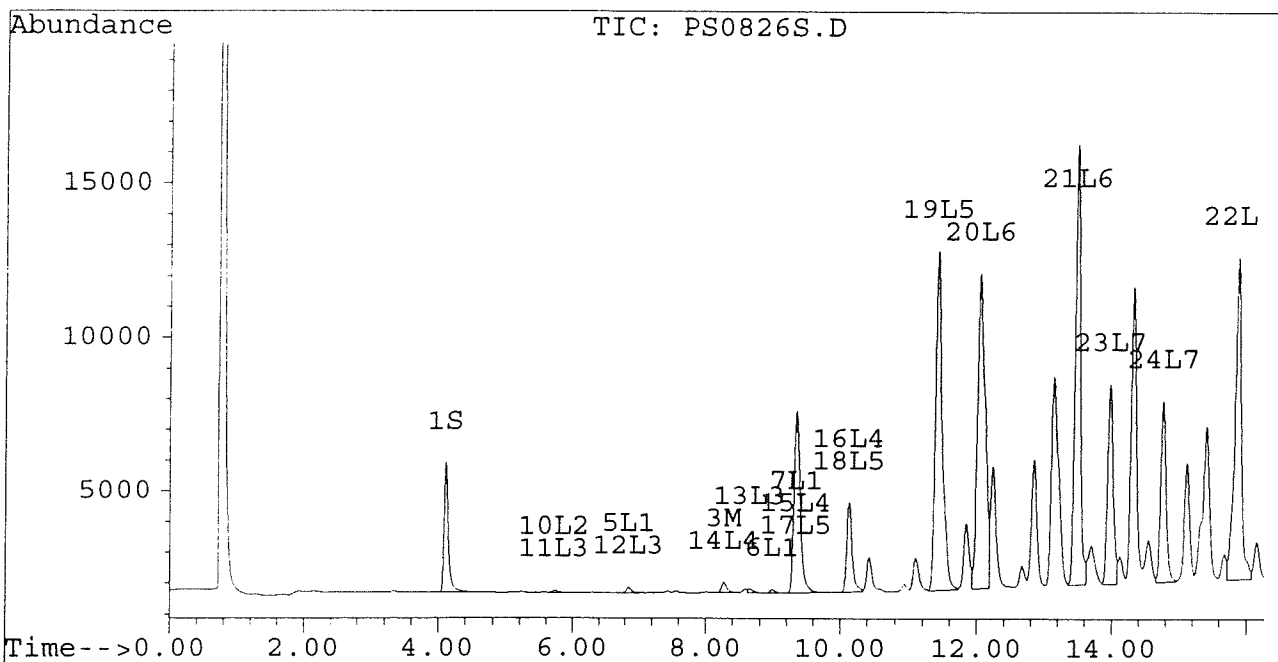
Signal #1 : D:\HPCHEM\5\AU26A\PS0826S.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826S.D\CONFIRM.D  
 Acq On : 27 Aug 96 01:39 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 10:38 1996

Vial: 34  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM



Quantitation Report

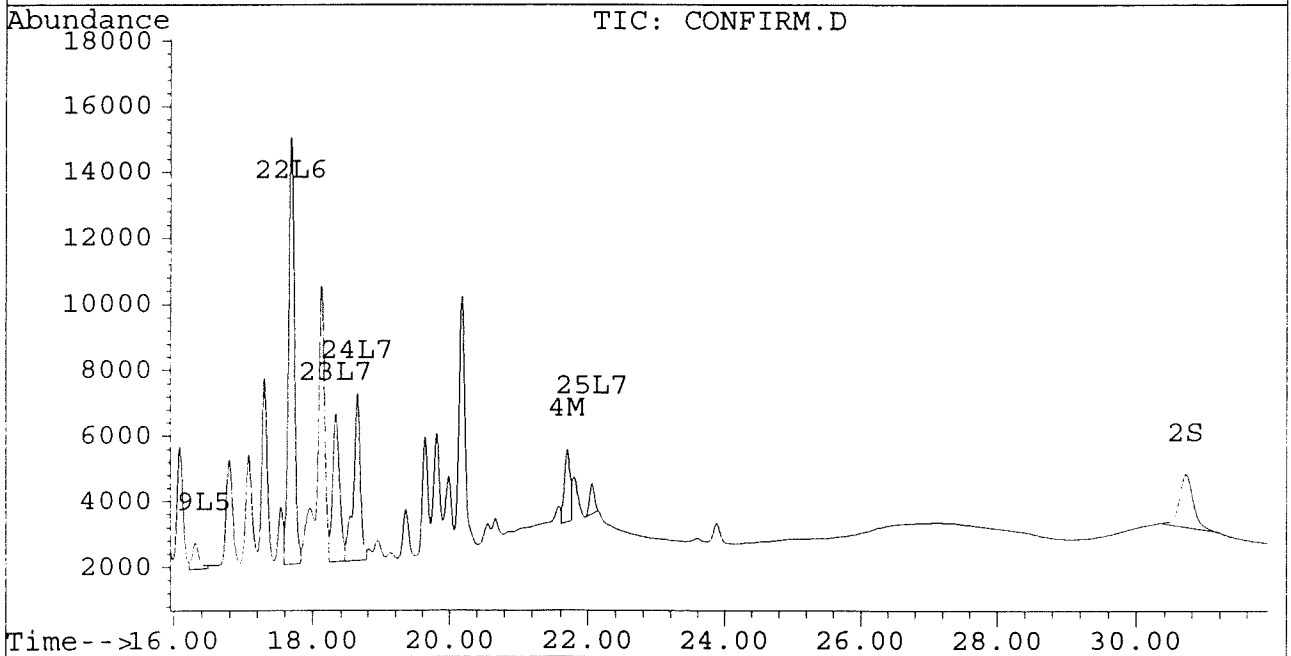
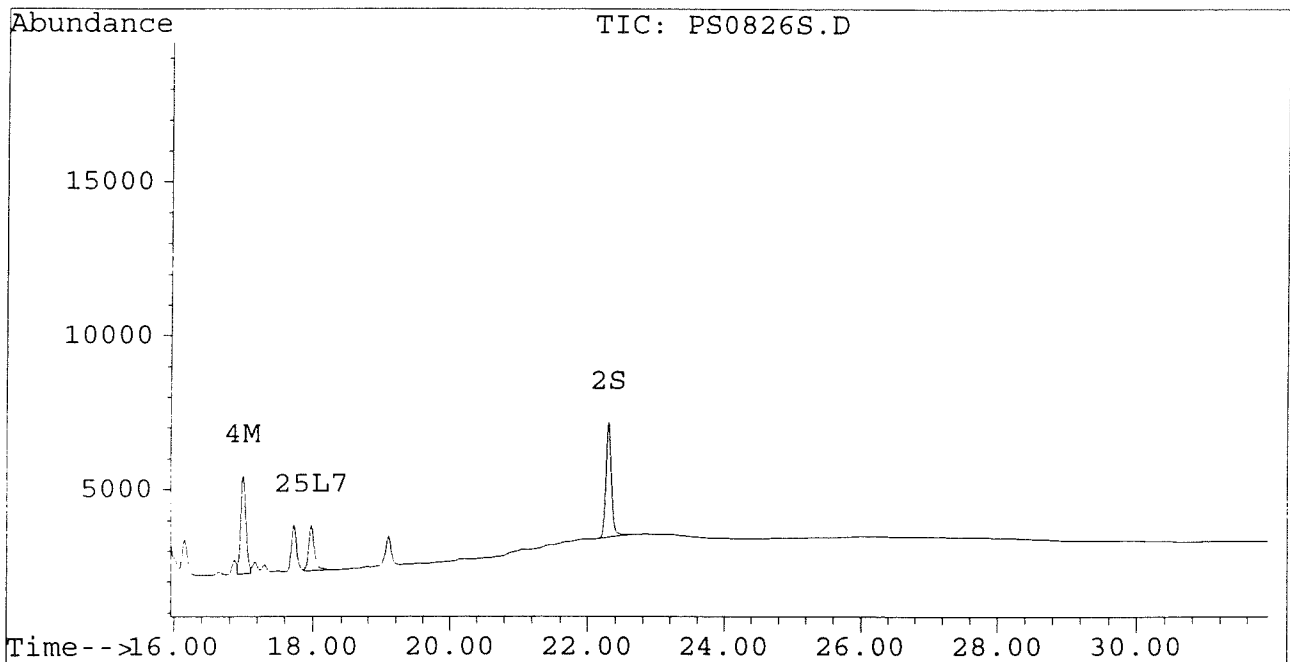
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Signal #2 : D:\HPCHEM\5\AU26A\PS0826S.D\CONFIRM.D  
Acq On : 27 Aug 96 01:39 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 4 10:38 1996

Vial: 34

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826T.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826T.D\CONFIRM.D  
 Acq On : 27 Aug 96 08:15 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Aug 27 20:49 1996

Vial: 45  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	4644	3774	0.019	0.020
			Recovery	=	47.50%	50.00%
2) S Decachlorobiphenyl	22.30	0.00	6968	0	0.033	N.D. #
			Recovery	=	82.50%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.38	0.00	90	0	0.003	N.D. #
Total Aroclor-1016			90	0	0.003	N.D.
Average Aroclor-1016					0.003	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	9.38	0.00	90	0	0.005	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			90	0	0.005	N.D.
Average Aroclor-1242					0.005	0.000
17) L5 Aroclor-1248	9.38	0.00	90	0	0.003	N.D. #
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	11.48	0.00	100	0	0.003	N.D. #
Total Aroclor-1248			190	0	0.006	N.D.
Average Aroclor-1248					0.003	0.000
-----						

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826T.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826T.D\CONFIRM.D  
 Acq On : 27 Aug 96 08:15 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Aug 27 20:49 1996

Vial: 45  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	18.31	0	239	N.D.	0.007 #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	22.05	0	208	N.D.	0.004 #
Total Aroclor-1260			0	447	N.D.	0.011
Average Aroclor-1260					0.000	0.006
26) L8 Aroclor-1268	0.00	23.34f	0	25799	N.D.	6.007 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.14f	0	7322	N.D.	NoCal
Total Aroclor-1268			0	25799	N.D.	6.007
Average Aroclor-1268					0.000	6.007



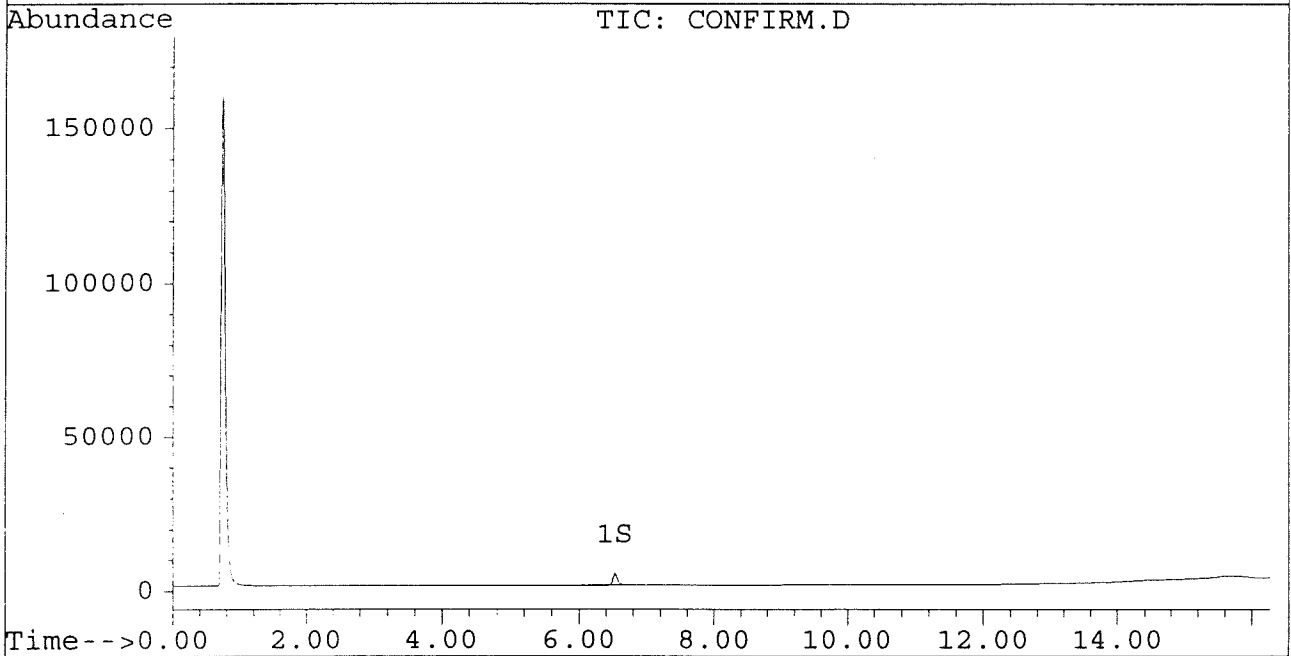
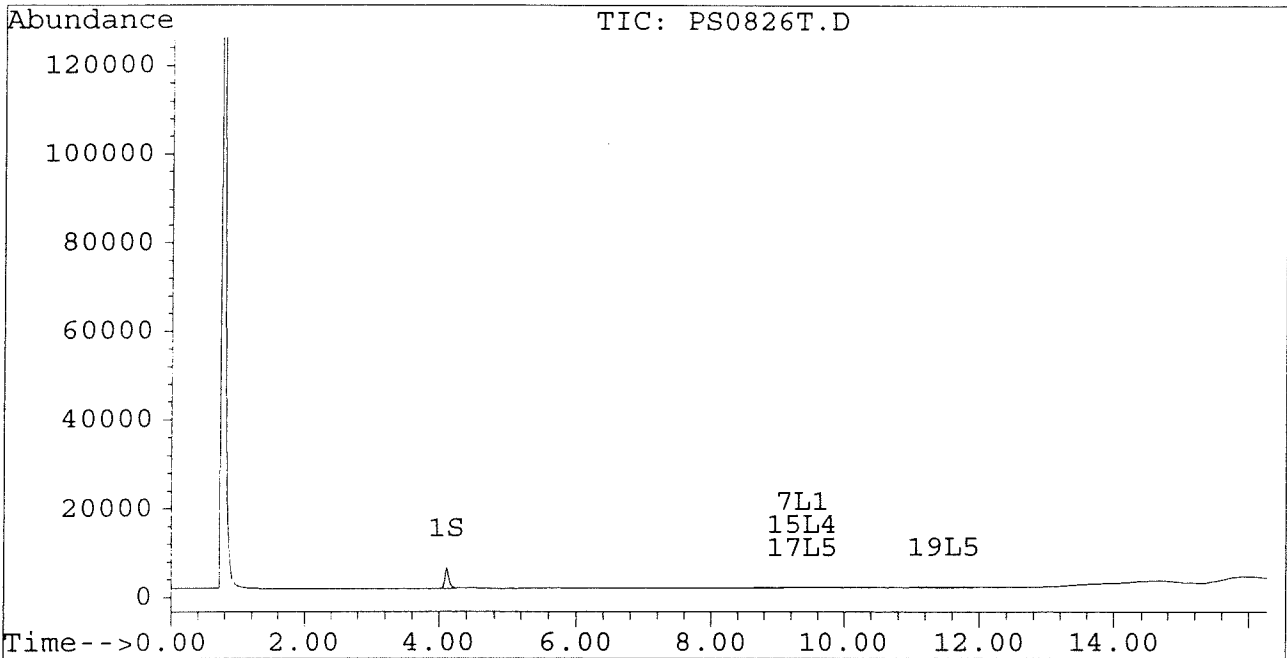
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826T.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826T.D\CONFIRM.D  
Acq On : 27 Aug 96 08:15 PM  
Sample : PIBLK  
Misc :  
Quant Time: Aug 27 20:49 1996

Vial: 45  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



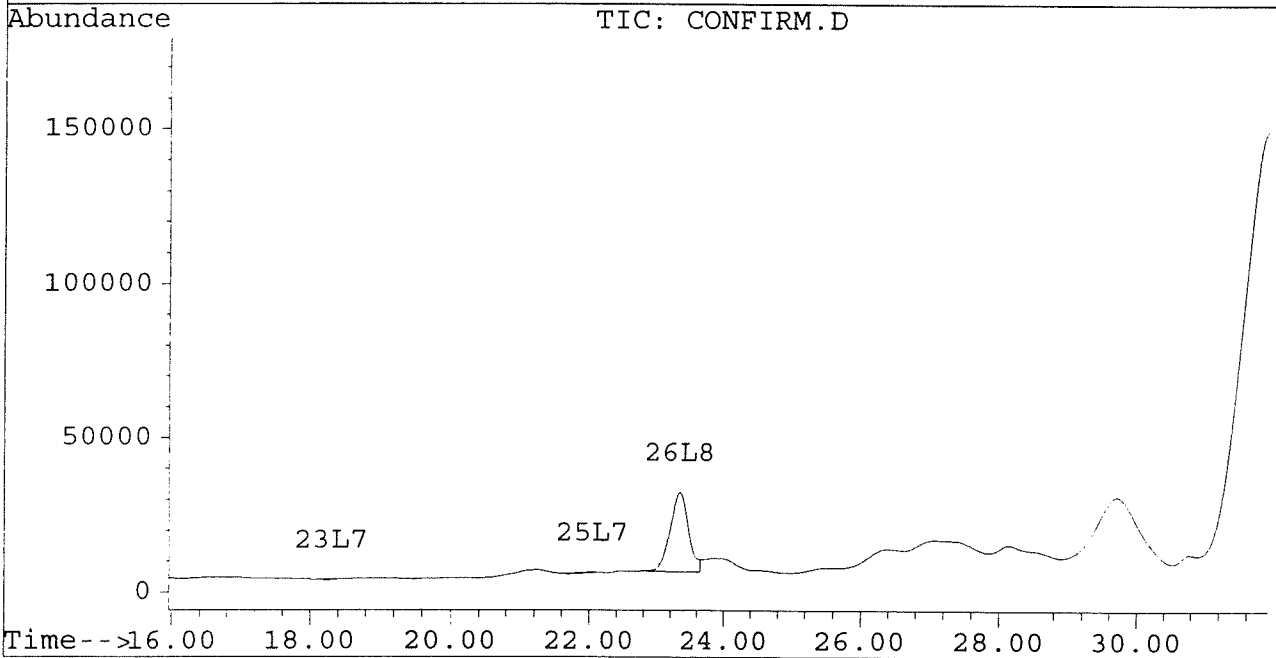
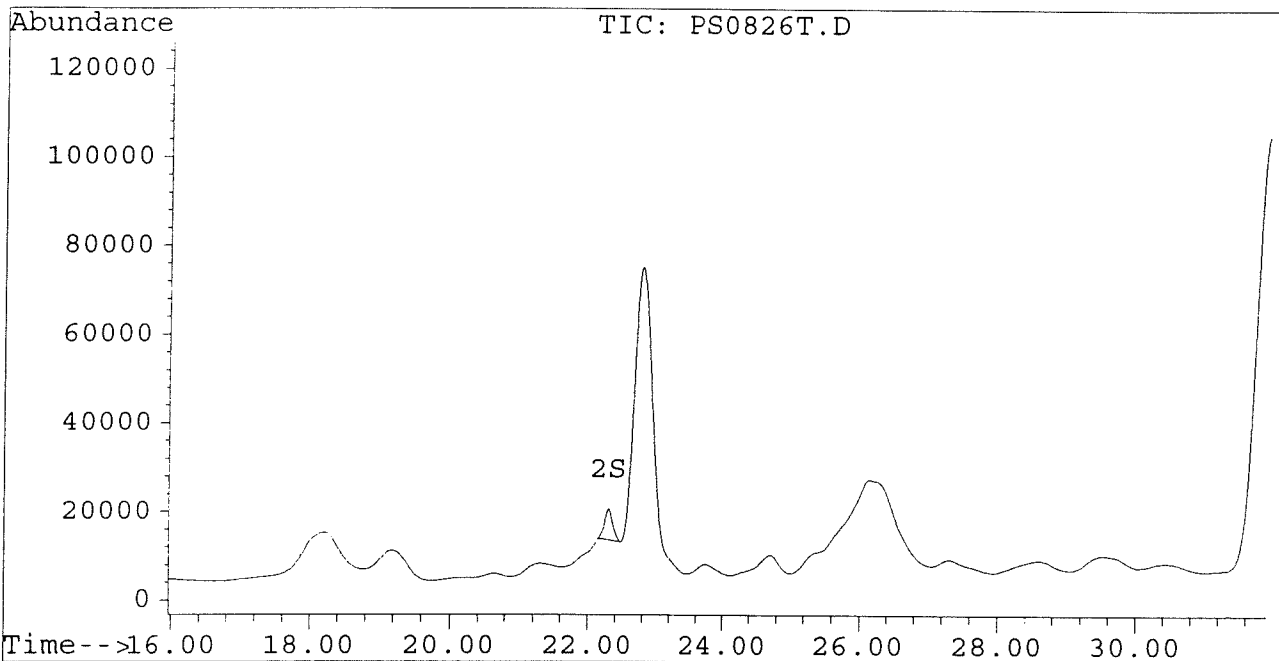
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826T.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826T.D\CONFIRM.D  
Acq On : 27 Aug 96 08:15 PM  
Sample : PIBLK  
Misc :  
Quant Time: Aug 27 20:49 1996

Vial: 45  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826U.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826U.D\CONFIRM.D  
 Acq On : 27 Aug 96 08:51 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 28 15:37 1996

Vial: 46  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylen	4.11	6.53	4234	3625	0.018m	0.019m
			Recovery	=	45.00%	47.50%
2) S Decachlorobiphenyl	22.30	30.72	3827	1066	0.018	0.012m#
			Recovery	=	45.00%	30.00%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	8.27	11.77	14440	10871	0.132	0.113
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	171	0	0.001	N.D. #
5) L1 Aroclor-1016	6.85	8.90	8175	5412	0.255	0.402 #
6) L1 Aroclor-1016 {2}	8.99	10.43	4477	8919	0.255	0.319 #
7) L1 Aroclor-1016 {3}	9.38	12.37	6618	5256	0.255	0.305
Total Aroclor-1016			19270	19587	0.766	1.026
Average Aroclor-1016					0.255	0.342
8) L2 Aroclor-1221	5.13	8.12	854	1861	0.122	0.304 #
9) L2 Aroclor-1221 {2}	5.56	8.67	1169	2262	0.200	0.464 #
10) L2 Aroclor-1221 {3}	5.73	8.90	4747	5412	0.235	0.353 #
Total Aroclor-1221			6770	9536	0.557	1.121
Average Aroclor-1221					0.186	0.374
11) L3 Aroclor-1232	5.73	8.90	4747	5412	0.260	0.378 #
12) L3 Aroclor-1232 {2}	6.85	10.43	8175	8919	0.599	0.742
13) L3 Aroclor-1232 {3}	8.66	12.37	5479	5256	0.662	0.758
Total Aroclor-1232			18402	19587	1.521	1.878
Average Aroclor-1232					0.507	0.626
14) L4 Aroclor-1242	8.27	11.77	14440	10117	0.349	0.339m
15) L4 Aroclor-1242 {2}	9.38	12.37	6618	4609	0.340	0.349m
16) L4 Aroclor-1242 {3}	10.13	14.13	5777	4070	0.342	0.306m
Total Aroclor-1242			26835	18796	1.031	0.994
Average Aroclor-1242					0.344	0.331
17) L5 Aroclor-1248	9.38	15.08	6618	4119	0.208	0.183
18) L5 Aroclor-1248 {2}	10.13	15.30	5777	4760	0.211	0.204
19) L5 Aroclor-1248 {3}	11.46	16.31	6568	3862	0.189	0.216
Total Aroclor-1248			18962	12741	0.608	0.603
Average Aroclor-1248					0.203	0.201

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826U.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826U.D\CONFIRM.D  
 Acq On : 27 Aug 96 08:51 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 28 15:37 1996

Vial: 46  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.60	0	1196	N.D.	0.044 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1402	1319	0.032	0.045 #
22) L6 Aroclor-1254 {3}	15.88	17.69	306	1621	0.010	0.041 #
Total Aroclor-1254			1708	4137	0.042	0.130
Average Aroclor-1254					0.021	0.043
23) L7 Aroclor-1260	13.97	18.32	775	51	0.022	0.002 #
24) L7 Aroclor-1260 {2}	14.77	0.00	173	0	0.004	N.D. #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			948	51	0.027	0.002
Average Aroclor-1260					0.013	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.54	0	1312	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

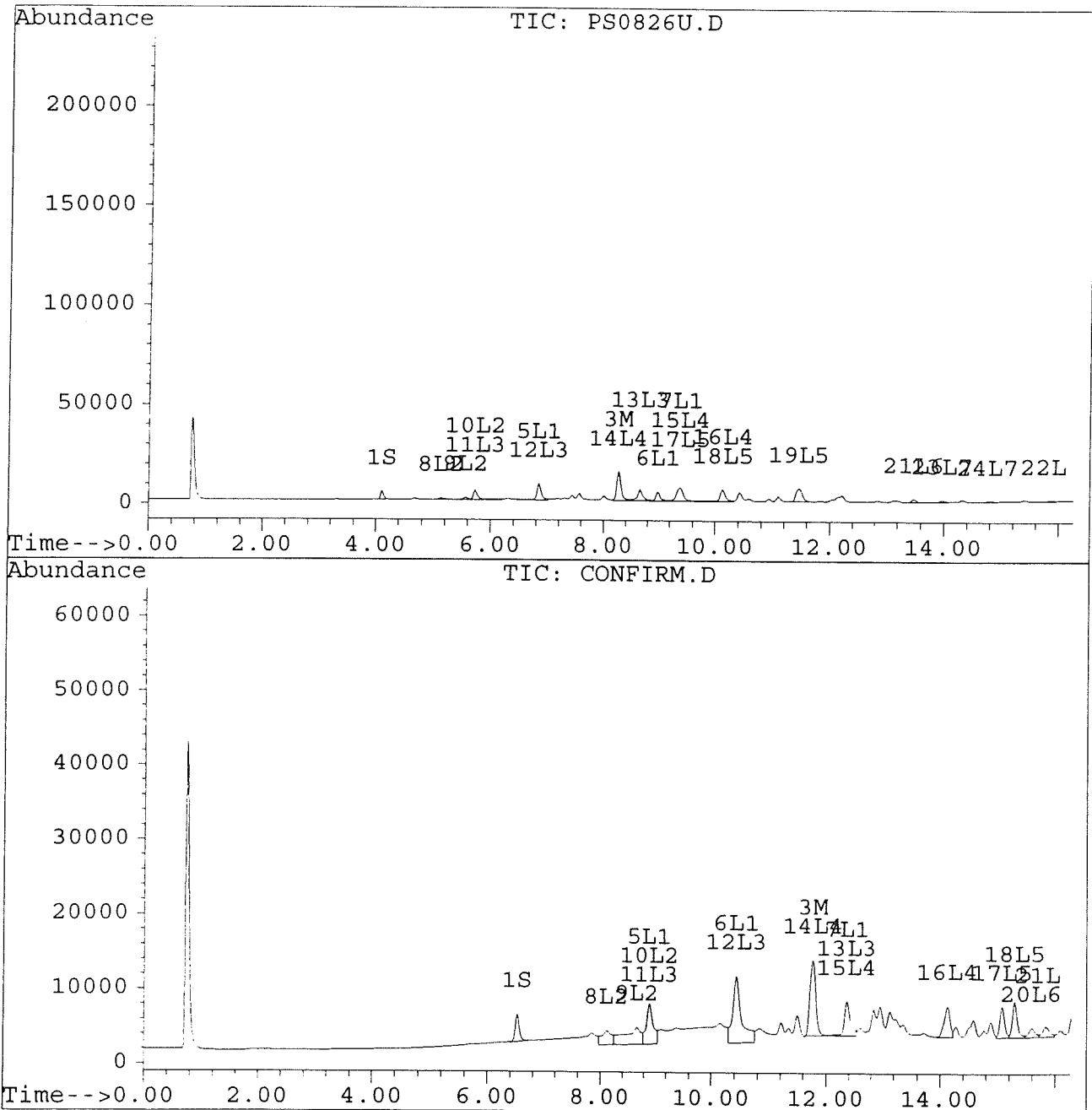
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826U.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826U.D\CONFIRM.D  
Acq On : 27 Aug 96 08:51 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 28 15:37 1996

Vial: 46  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



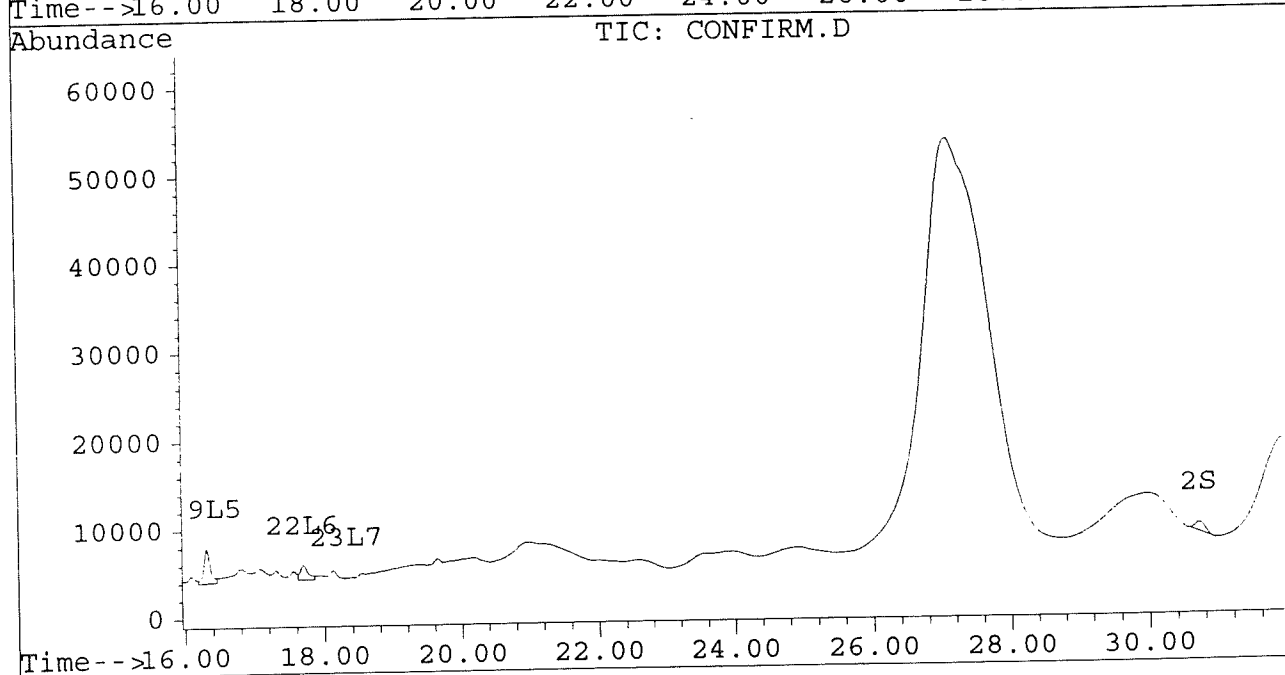
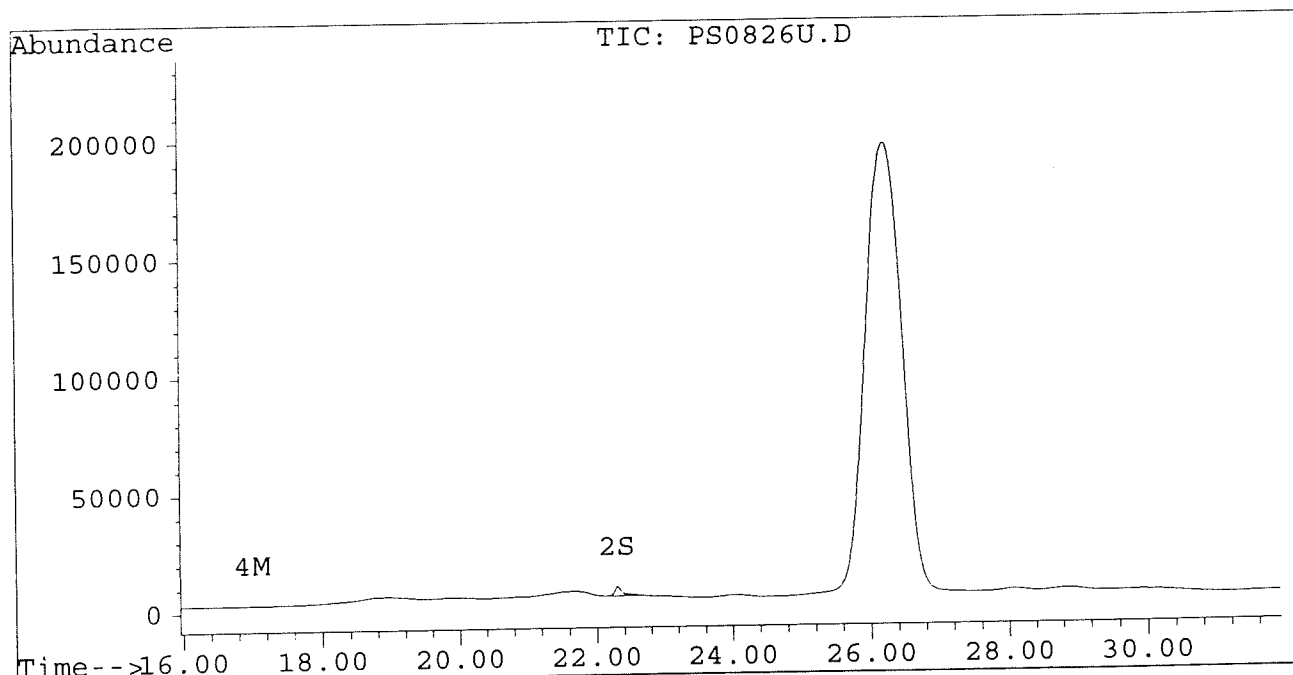
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826U.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826U.D\CONFIRM.D  
Acq On : 27 Aug 96 08:51 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 28 15:37 1996

Vial: 46  
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Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826V.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826V.D\CONFIRM.D  
 Acq On : 27 Aug 96 09:26 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 28 15:40 1996

Vial: 47  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylen	4.11	6.53	4506	3496	0.019	0.018
			Recovery	=	47.50%	45.00%
2) S Decachlorobiphenyl	22.30	0.00	3695	0	0.017	N.D. #
			Recovery	=	42.50%	0.00%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	8.27	11.76	346	254	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	17.00	21.70	3329	3056	0.018	0.019
5) L1 Aroclor-1016	6.86	8.91	178	98	0.006	0.007 #
6) L1 Aroclor-1016 {2}	8.99	10.44	98	154	0.006	0.006
7) L1 Aroclor-1016 {3}	9.35f	12.37	5926	87	0.229	0.005 #
Total Aroclor-1016			6202	339	0.240	0.018
Average Aroclor-1016					0.080	0.006
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.91	75	98	0.004	0.006 #
Total Aroclor-1221			75	98	0.004	0.006
Average Aroclor-1221					0.004	0.006
11) L3 Aroclor-1232	5.73	8.91	75	98	0.004	0.007 #
12) L3 Aroclor-1232 {2}	6.86	10.44	178	154	0.013	0.013
13) L3 Aroclor-1232 {3}	8.66	12.37	116	87	0.014	0.013
Total Aroclor-1232			368	339	0.031	0.032
Average Aroclor-1232					0.010	0.011
14) L4 Aroclor-1242	8.27	11.76	346	254	0.008	0.009
15) L4 Aroclor-1242 {2}	9.35	12.37	5926	87	0.305	0.007 #
16) L4 Aroclor-1242 {3}	10.13	14.13	2909	2638	0.172	0.198
Total Aroclor-1242			9181	2979	0.485	0.213
Average Aroclor-1242					0.162	0.071
17) L5 Aroclor-1248	9.35	15.08	5926	4141	0.186	0.184
18) L5 Aroclor-1248 {2}	10.13	15.30	2909	1705	0.106	0.073 #
19) L5 Aroclor-1248 {3}	11.42	16.31	11066	1485	0.318	0.083 #
Total Aroclor-1248			19902	7331	0.610	0.340
Average Aroclor-1248					0.203	0.113

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826V.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826V.D\CONFIRM.D  
 Acq On : 27 Aug 96 09:26 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 28 15:40 1996

Vial: 47  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	10240	8319	0.328	0.308m
21) L6 Aroclor-1254 {2}	13.48	15.83	14385	9098	0.333	0.313m
22) L6 Aroclor-1254 {3}	15.87	17.69	10527	12649	0.328	0.318m
Total Aroclor-1254			35152	30066	0.989	0.938
Average Aroclor-1254					0.330	0.313
23) L7 Aroclor-1260	13.98	18.33	6552	4362	0.189	0.136 #
24) L7 Aroclor-1260 {2}	14.76	18.64	5854	5099	0.144	0.142
25) L7 Aroclor-1260 {3}	17.97	22.06	1875	1134	0.032	0.021 #
Total Aroclor-1260			14280	10595	0.365	0.299
Average Aroclor-1260					0.122	0.100
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



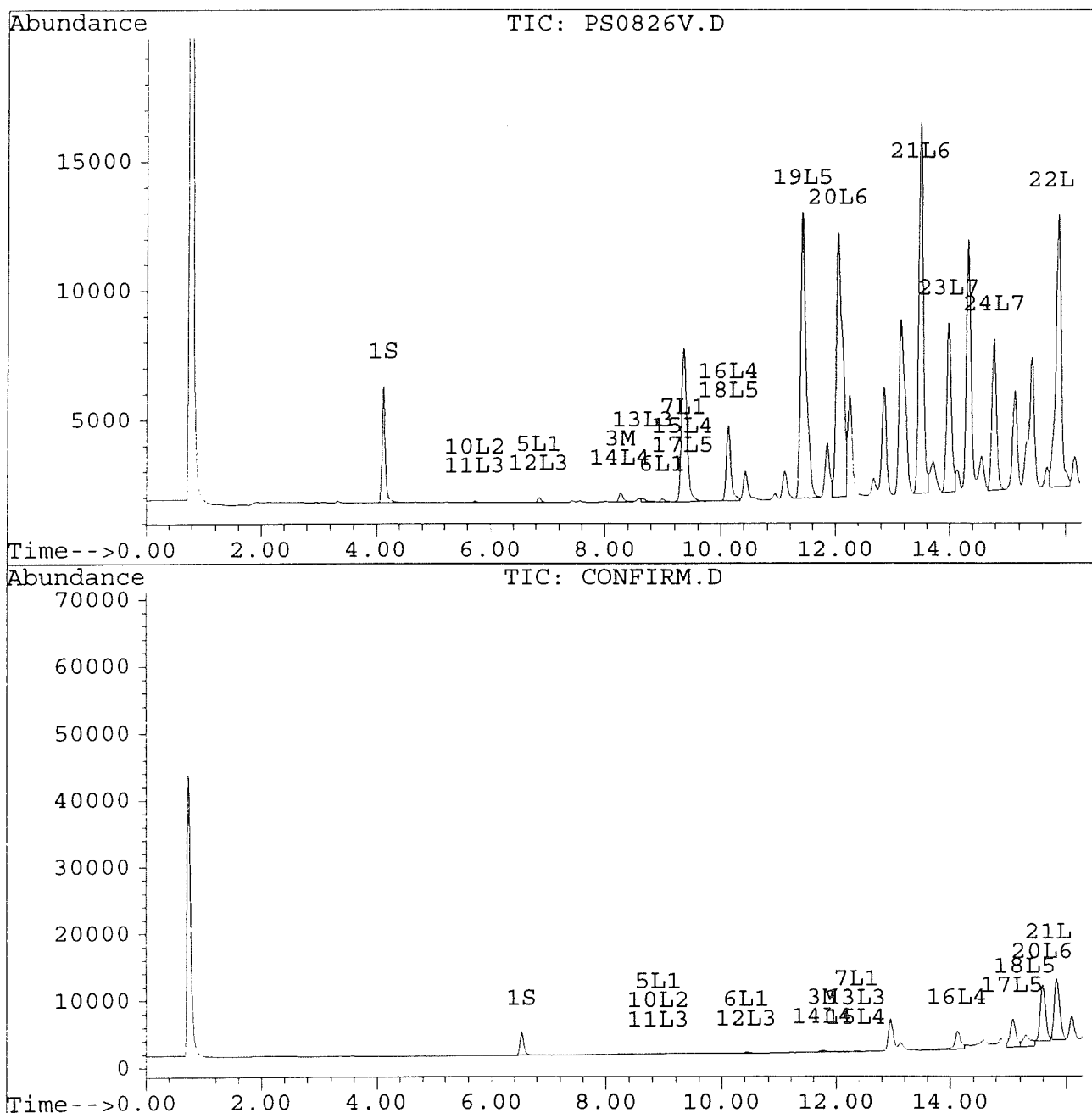
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826V.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826V.D\CONFIRM.D  
Acq On : 27 Aug 96 09:26 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 28 15:40 1996

Vial: 47  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



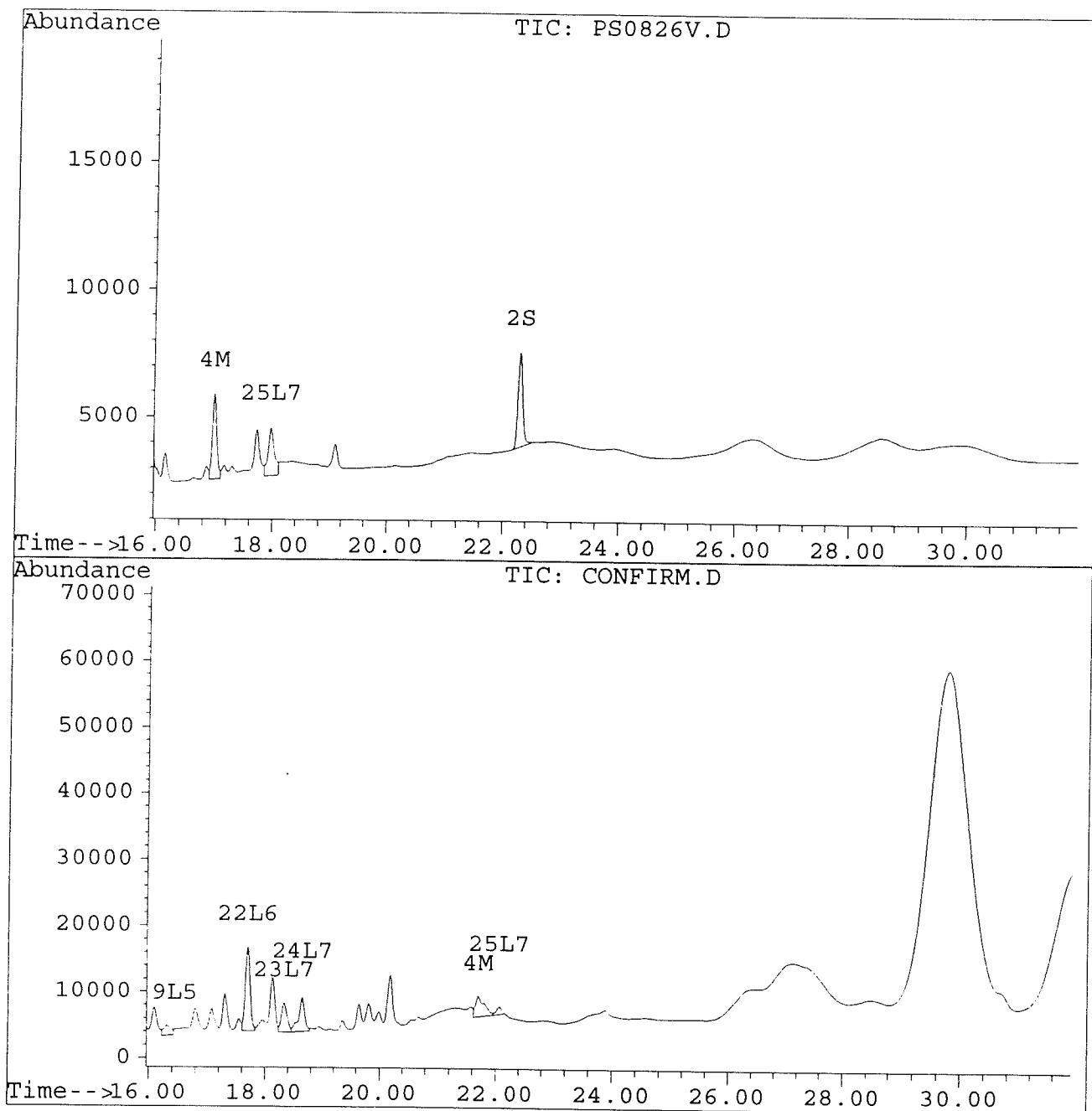
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826V.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826V.D\CONFIRM.D  
Acq On : 27 Aug 96 09:26 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 28 15:40 1996

Vial: 47  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826W.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826W.D\CONFIRM.D  
 Acq On : 28 Aug 96 03:57 AM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Aug 28 4:31 1996

Vial: 58  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4644	3736	0.019	0.020
			Recovery	=	47.50%	50.00%
2) S Decachlorobiphenyl	22.30	30.73	5640	1798	0.027	0.020
			Recovery	=	67.50%	50.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	17.01	0.00	195	0	0.001	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	12.40	0	76	N.D.	0.004 #
Total Aroclor-1016			0	76	N.D.	0.004
Average Aroclor-1016					0.000	0.004
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	12.40f	0	76	N.D.	0.011 #
Total Aroclor-1232			0	76	N.D.	0.011
Average Aroclor-1232					0.000	0.011
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	12.40f	0	76	N.D.	0.006 #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	76	N.D.	0.006
Average Aroclor-1242					0.000	0.006
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	11.49f	0.00	28	0	0.001	N.D. #
Total Aroclor-1248			28	0	0.001	N.D.
Average Aroclor-1248					0.001	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826W.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826W.D\CONFIRM.D  
 Acq On : 28 Aug 96 03:57 AM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Aug 28 4:31 1996

Vial: 58  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	17.71	0	93	N.D.	0.002 #
Total Aroclor-1254			0	93	N.D.	0.002
Average Aroclor-1254					0.000	0.002
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	22.11f	0	35	N.D.	0.001 #
Total Aroclor-1260			0	35	N.D.	0.001
Average Aroclor-1260					0.000	0.001
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.09	0	1370	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

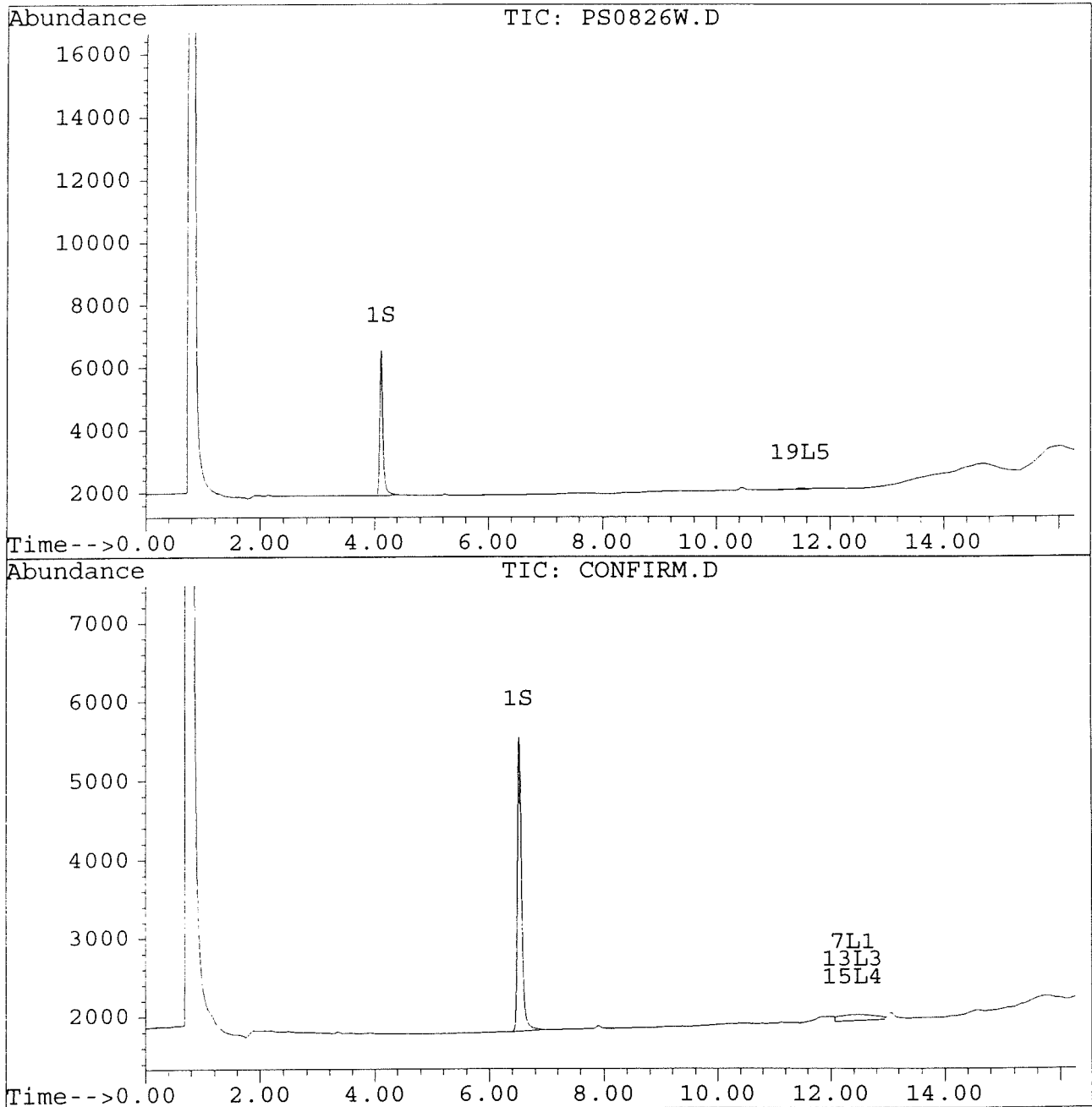
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826W.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826W.D\CONFIRM.D  
Acq On : 28 Aug 96 03:57 AM  
Sample : PIBLK  
Misc :  
Quant Time: Aug 28 4:31 1996

Vial: 58  
Operator: JS  
Inst : ECD1  
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Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



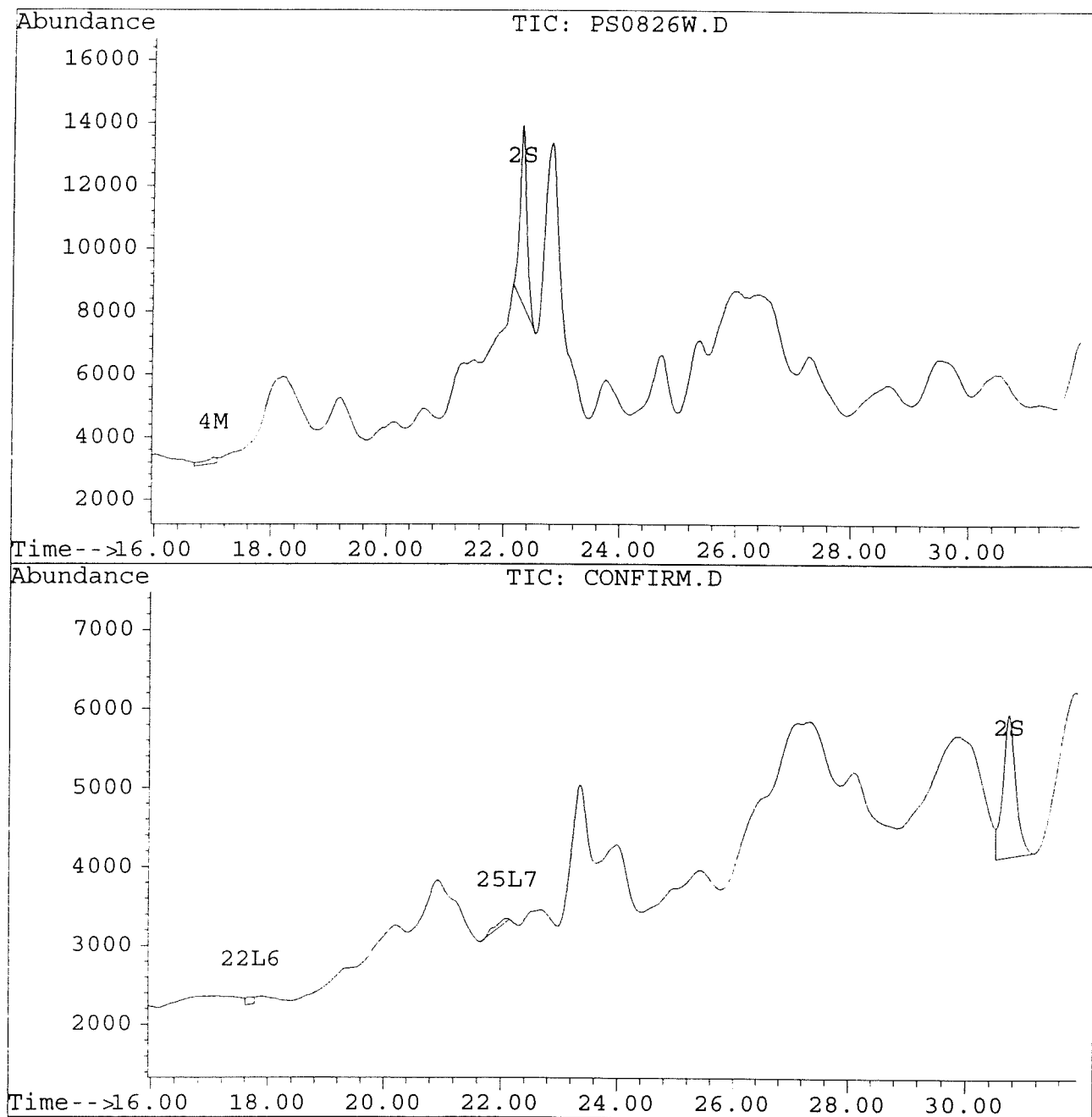
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826W.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826W.D\CONFIRM.D  
Acq On : 28 Aug 96 03:57 AM  
Sample : PIBLK  
Misc :  
Quant Time: Aug 28 4:31 1996

Vial: 58  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826X.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826X.D\CONFIRM.D  
 Acq On : 28 Aug 96 04:33 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 28 5:06 1996

Vial: 59  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	3911	3210	0.016	0.017
			Recovery	=	40.00%	42.50%
2) S Decachlorobiphenyl	22.30	30.72	3414	1339	0.016	0.015
			Recovery	=	40.00%	37.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	13144	9506	0.120	0.099
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	181	0	0.001	N.D. #
5) L1 Aroclor-1016	6.85	8.90	7392	3594	0.231	0.267
6) L1 Aroclor-1016 {2}	8.99	10.43	3934	6525	0.224	0.234
7) L1 Aroclor-1016 {3}	9.38	12.37	6086	4085	0.235	0.237
Total Aroclor-1016			17412	14204	0.690	0.738
Average Aroclor-1016					0.230	0.246
8) L2 Aroclor-1221	5.13	8.13	643	623	0.092	0.102
9) L2 Aroclor-1221 {2}	5.56	8.67	899	774	0.154	0.159
10) L2 Aroclor-1221 {3}	5.73	8.90	4269	3594	0.211	0.234
Total Aroclor-1221			5811	4991	0.457	0.495
Average Aroclor-1221					0.152	0.165
11) L3 Aroclor-1232	5.73	8.90	4269	3594	0.234	0.251
12) L3 Aroclor-1232 {2}	6.85	10.43	7392	6525	0.542	0.543
13) L3 Aroclor-1232 {3}	8.66	12.37	4885	4085	0.590	0.589
Total Aroclor-1232			16546	14204	1.366	1.383
Average Aroclor-1232					0.455	0.461
14) L4 Aroclor-1242	8.27	11.77	13144	9506	0.317	0.319
15) L4 Aroclor-1242 {2}	9.38	12.37	6086	4085	0.313	0.309
16) L4 Aroclor-1242 {3}	10.13	14.13	5251	3978	0.311	0.299
Total Aroclor-1242			24481	17569	0.941	0.927
Average Aroclor-1242					0.314	0.309
17) L5 Aroclor-1248	9.38	15.08	6086	3907	0.191	0.173
18) L5 Aroclor-1248 {2}	10.13	15.30	5251	4509	0.192	0.193
19) L5 Aroclor-1248 {3}	11.46	16.31	5997	3427	0.172	0.192
Total Aroclor-1248			17334	11842	0.555	0.558
Average Aroclor-1248					0.185	0.186
-----						

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826X.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826X.D\CONFIRM.D  
 Acq On : 28 Aug 96 04:33 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 28 5:06 1996

Vial: 59  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase : DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.60	0	1221	N.D.	0.045 #
21) L6 Aroclor-1254 {2}	13.49	15.84	1323	1259	0.031	0.043 #
22) L6 Aroclor-1254 {3}	15.88	17.70	234	1246	0.007	0.031 #
Total Aroclor-1254			1557	3726	0.038	0.120
Average Aroclor-1254					0.019	0.040
23) L7 Aroclor-1260	13.97	18.33	759	84	0.022	0.003 #
24) L7 Aroclor-1260 {2}	14.77	18.64	188	96	0.005	0.003 #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			947	180	0.026	0.005
Average Aroclor-1260					0.013	0.003
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



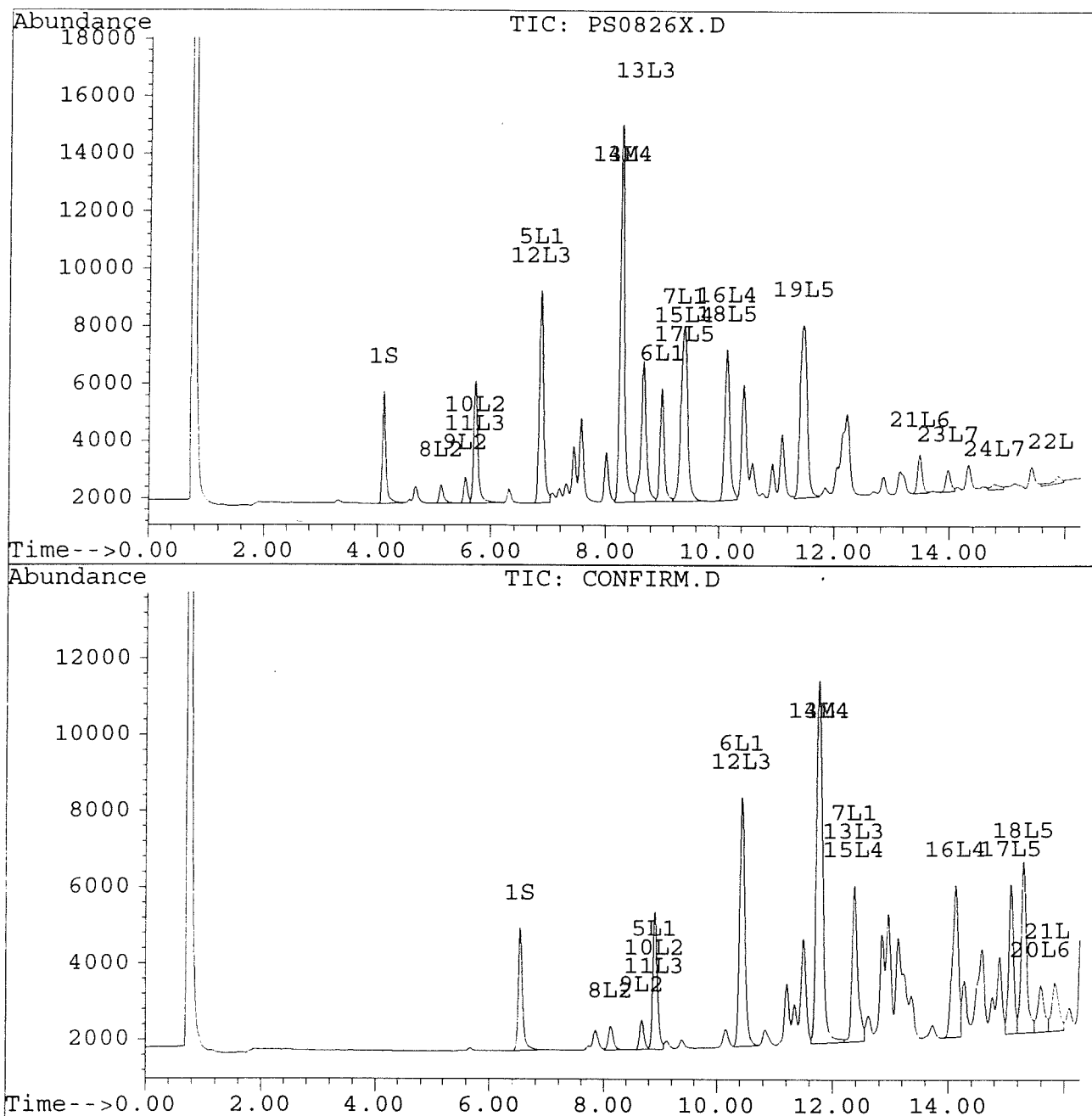
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826X.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826X.D\CONFIRM.D  
Acq On : 28 Aug 96 04:33 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 28 5:06 1996

Vial: 59  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



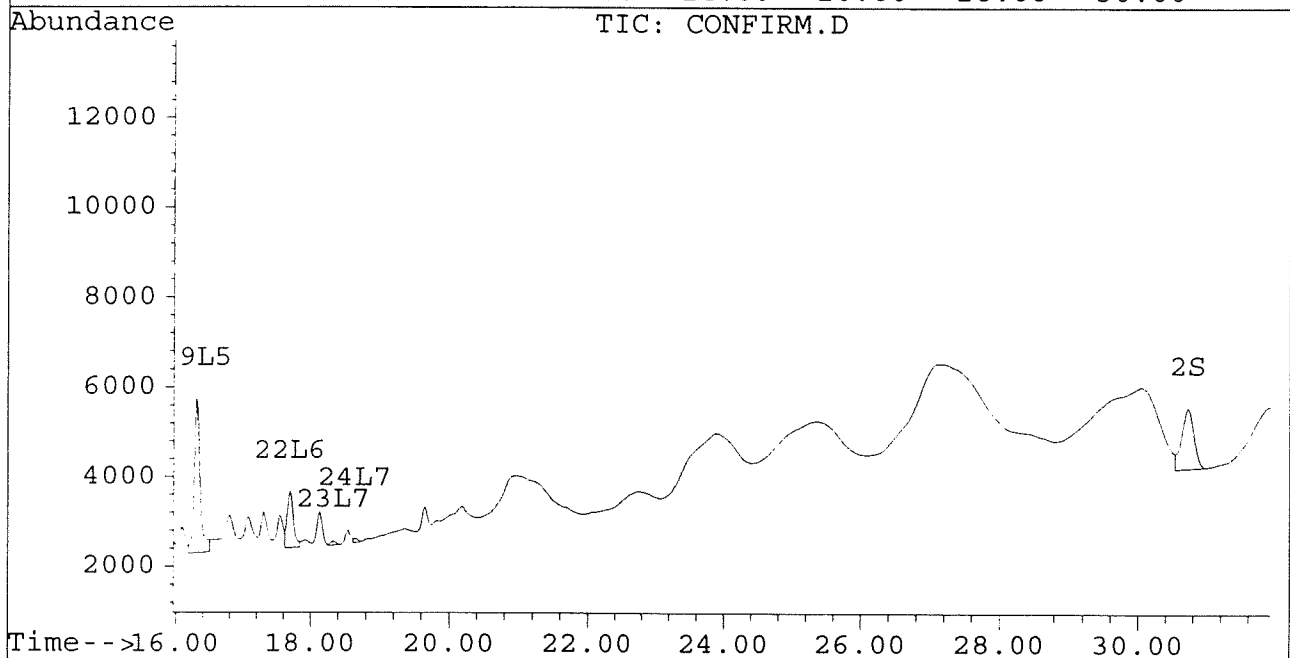
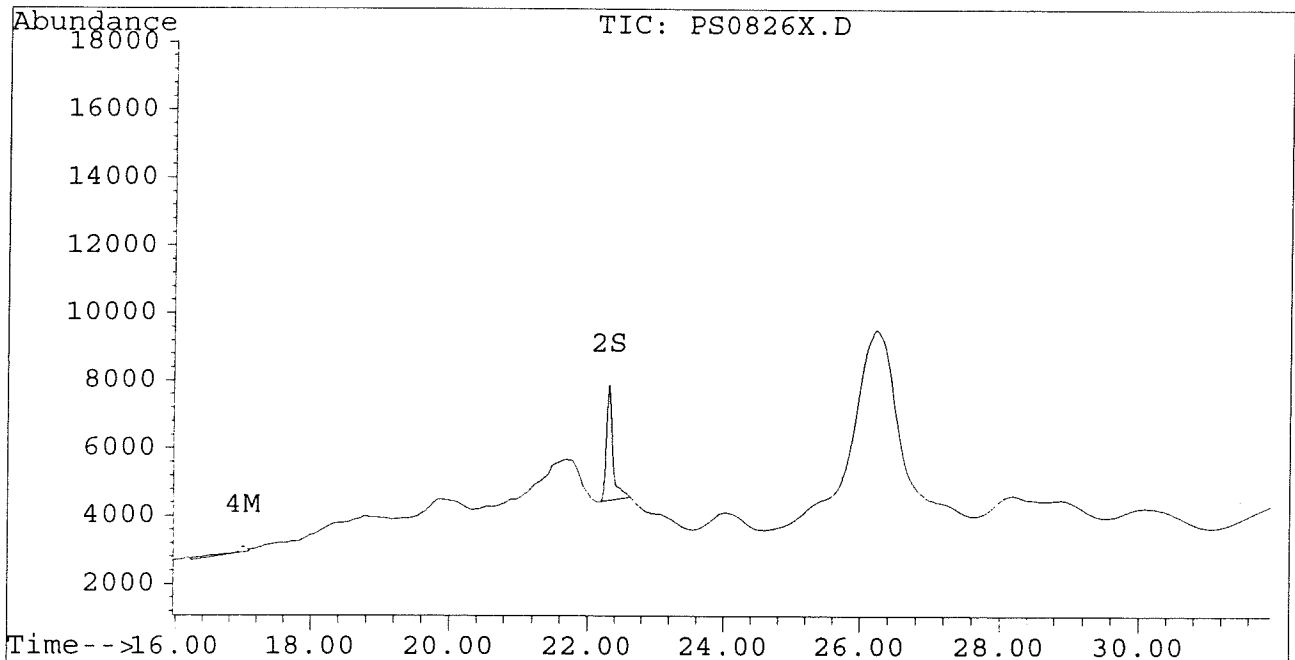
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826X.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826X.D\CONFIRM.D  
Acq On : 28 Aug 96 04:33 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 28 5:06 1996

Vial: 59  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826Y.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826Y.D\CONFIRM.D  
 Acq On : 28 Aug 96 05:08 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 28 5:42 1996

Vial: 60  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase : DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	3932	3202	0.016	0.017
			Recovery	=	40.00%	42.50%
2) S Decachlorobiphenyl	22.30	30.73	3323	1246	0.016	0.014
			Recovery	=	40.00%	35.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.77	317	224	0.003	0.002
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	3117	2071	0.017	0.013
5) L1 Aroclor-1016	6.86	8.91	165	56	0.005	0.004
6) L1 Aroclor-1016 {2}	9.00	10.44	91	142	0.005	0.005
7) L1 Aroclor-1016 {3}	9.35f	12.37	5527	67	0.213	0.004 #
Total Aroclor-1016			5783	265	0.223	0.013
Average Aroclor-1016					0.074	0.004
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.91	69	56	0.003	0.004
Total Aroclor-1221			69	56	0.003	0.004
Average Aroclor-1221					0.003	0.004
11) L3 Aroclor-1232	5.73	8.91	69	56	0.004	0.004
12) L3 Aroclor-1232 {2}	6.86	10.44	165	142	0.012	0.012
13) L3 Aroclor-1232 {3}	8.66	12.37	110	67	0.013	0.010 #
Total Aroclor-1232			343	265	0.029	0.025
Average Aroclor-1232					0.010	0.008
14) L4 Aroclor-1242	8.28	11.77	317	224	0.008	0.008
15) L4 Aroclor-1242 {2}	9.35	12.37	5527	67	0.284	0.005 #
16) L4 Aroclor-1242 {3}	10.13	14.14	2695	2387	0.159	0.179
Total Aroclor-1242			8538	2678	0.451	0.192
Average Aroclor-1242					0.150	0.064
17) L5 Aroclor-1248	9.35	15.08	5527	3652	0.174	0.162
18) L5 Aroclor-1248 {2}	10.13	15.30	2695	1374	0.098	0.059 #
19) L5 Aroclor-1248 {3}	11.42	16.31	10298	1008	0.296	0.056 #
Total Aroclor-1248			18519	6033	0.568	0.277
Average Aroclor-1248					0.189	0.092

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826Y.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826Y.D\CONFIRM.D  
 Acq On : 28 Aug 96 05:08 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 28 5:42 1996

Vial: 60  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	9471	8420	0.303	0.312
21) L6 Aroclor-1254 {2}	13.49	15.84	13376	8982	0.310	0.309
22) L6 Aroclor-1254 {3}	15.88	17.70	9735	11928	0.303	0.299
Total Aroclor-1254			32583	29331	0.916	0.920
Average Aroclor-1254					0.305	0.307
23) L7 Aroclor-1260	13.98	18.33	5998	4212	0.173	0.132
24) L7 Aroclor-1260 {2}	14.77	18.64	5403	4679	0.133	0.130
25) L7 Aroclor-1260 {3}	17.97	22.06	1629	824	0.028	0.015 #
Total Aroclor-1260			13030	9715	0.334	0.277
Average Aroclor-1260					0.111	0.092
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

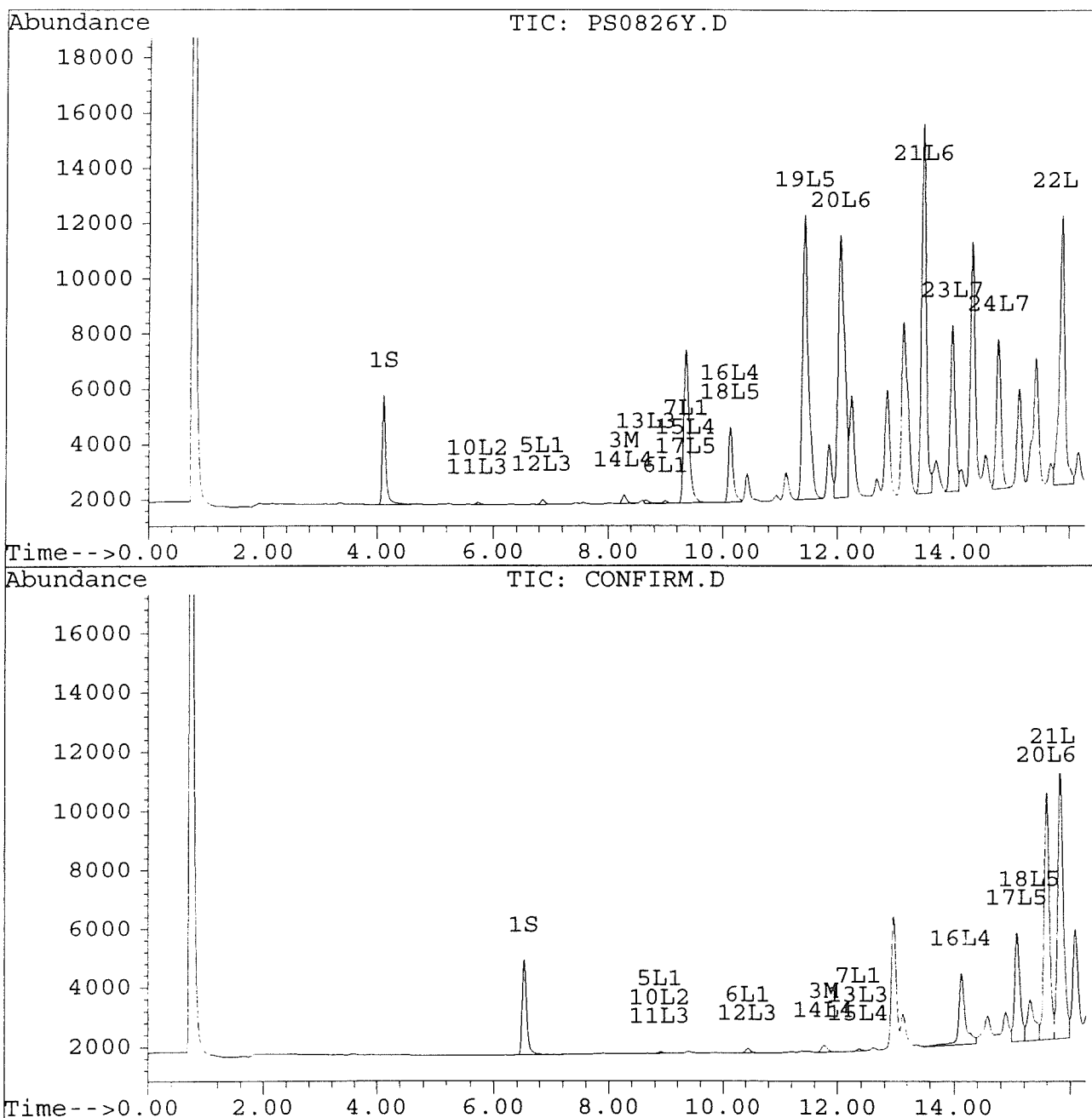
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826Y.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826Y.D\CONFIRM.D  
 Acq On : 28 Aug 96 05:08 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 28 5:42 1996

Vial: 60  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM



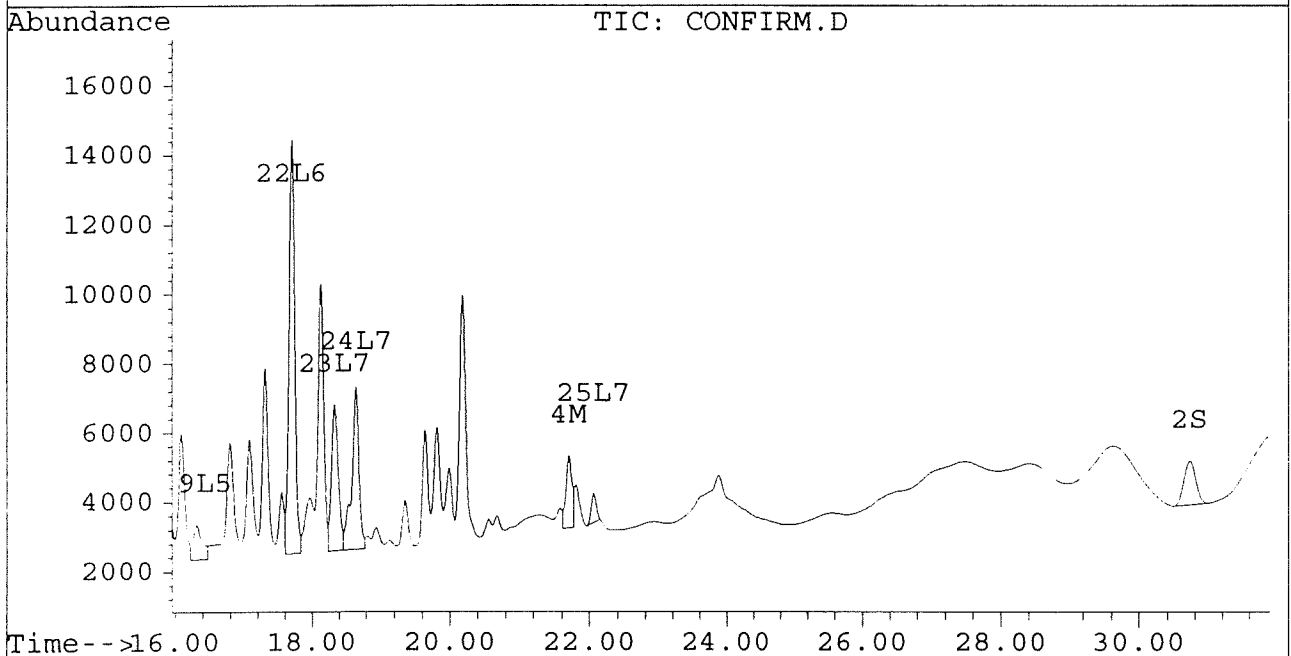
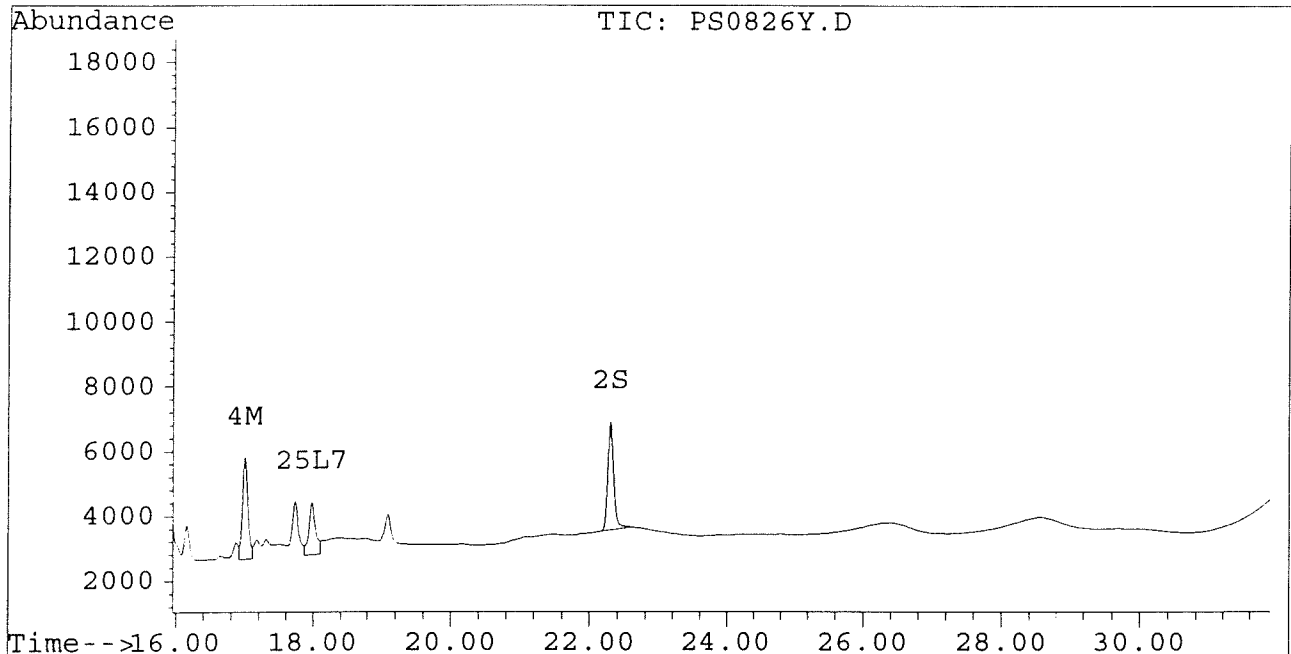
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826Y.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826Y.D\CONFIRM.D  
Acq On : 28 Aug 96 05:08 AM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 28 5:42 1996

Vial: 60  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826Z.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826Z.D\CONFIRM.D  
 Acq On : 28 Aug 96 11:40 AM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Aug 28 12:13 1996

Vial: 71  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4585	3660	0.019	0.019
			Recovery	=	47.50%	47.50%
2) S Decachlorobiphenyl	22.30	30.72	3472	1463	0.016	0.017
			Recovery	=	40.00%	42.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	17.01	0.00	52	0	0.000	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
-----						

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826Z.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826Z.D\CONFIRM.D  
 Acq On : 28 Aug 96 11:40 AM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Aug 28 12:13 1996

Vial: 71  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	23.34f	0	629	N.D.	0.146 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	629	N.D.	0.146
Average Aroclor-1268					0.000	0.146



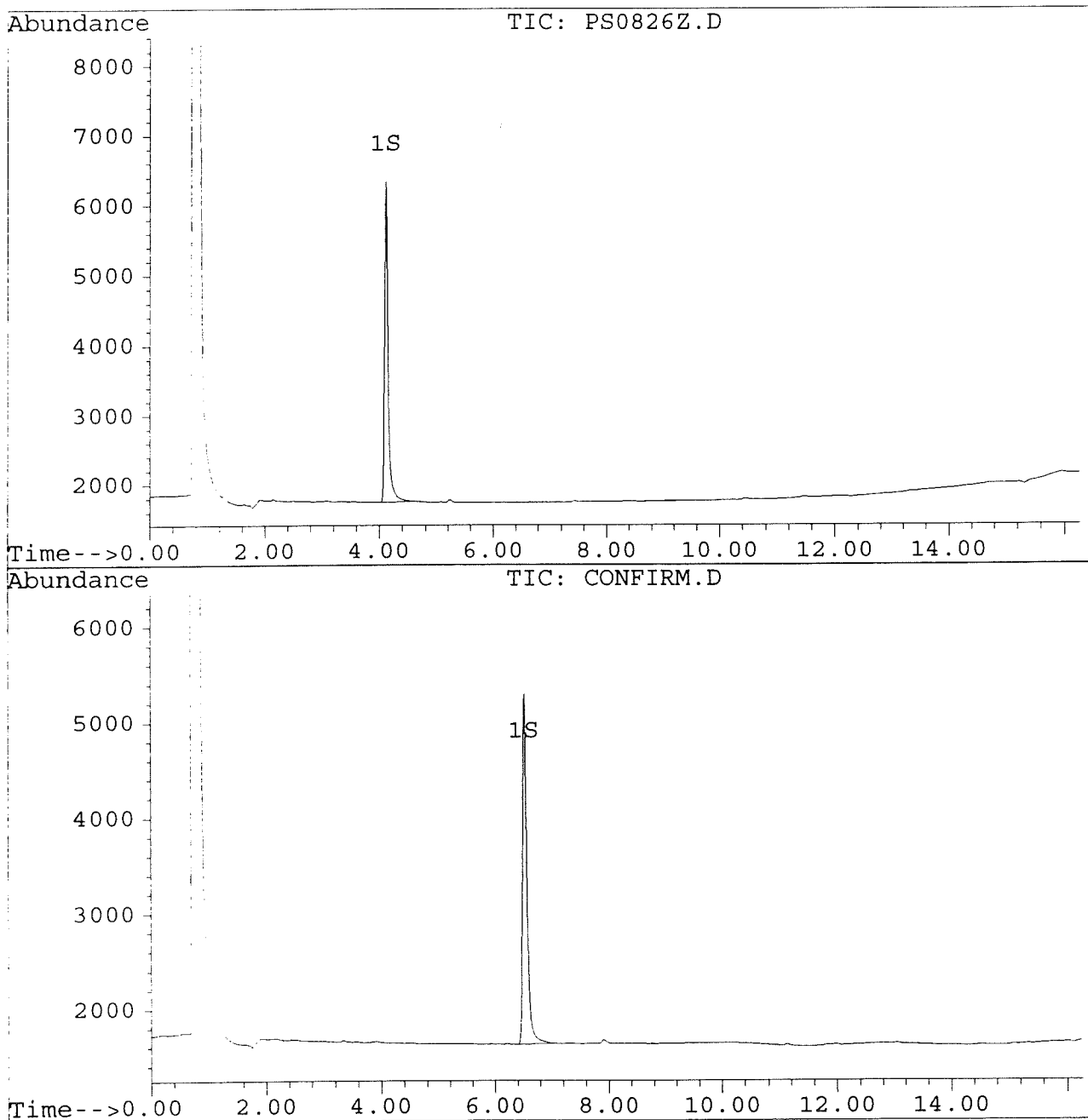
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826Z.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826Z.D\CONFIRM.D  
Acq On : 28 Aug 96 11:40 AM  
Sample : PIBLK  
Misc :  
Quant Time: Aug 28 12:13 1996

Vial: 71  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



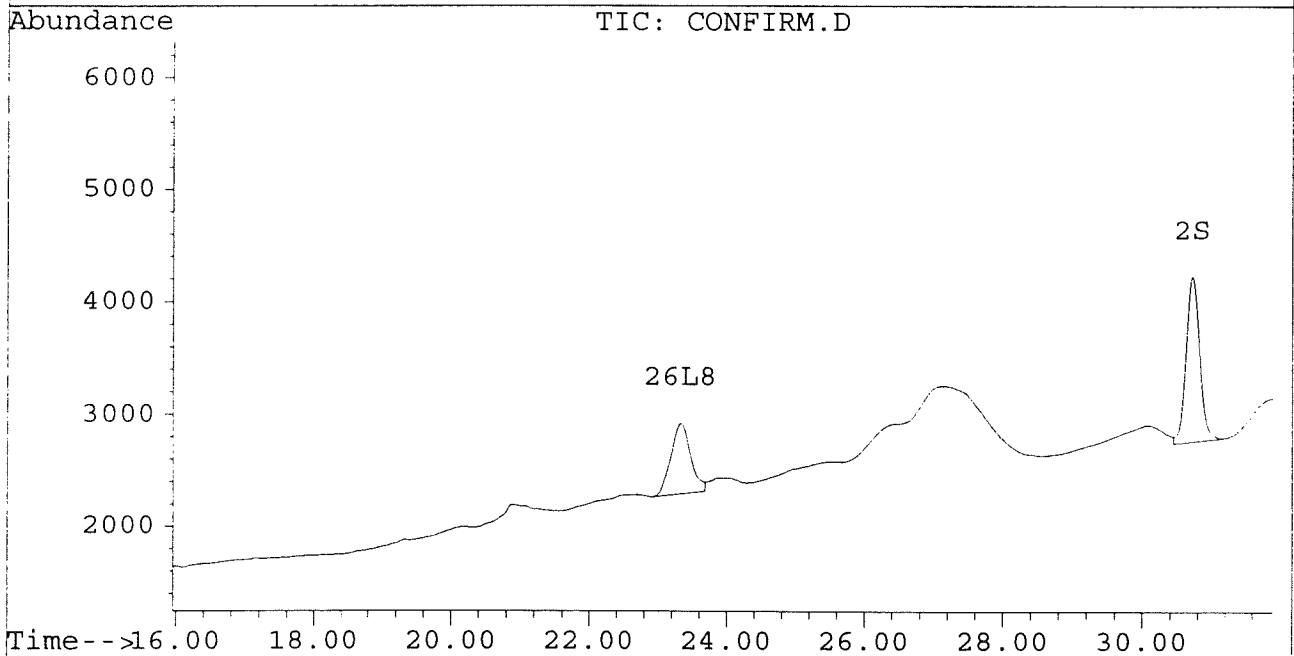
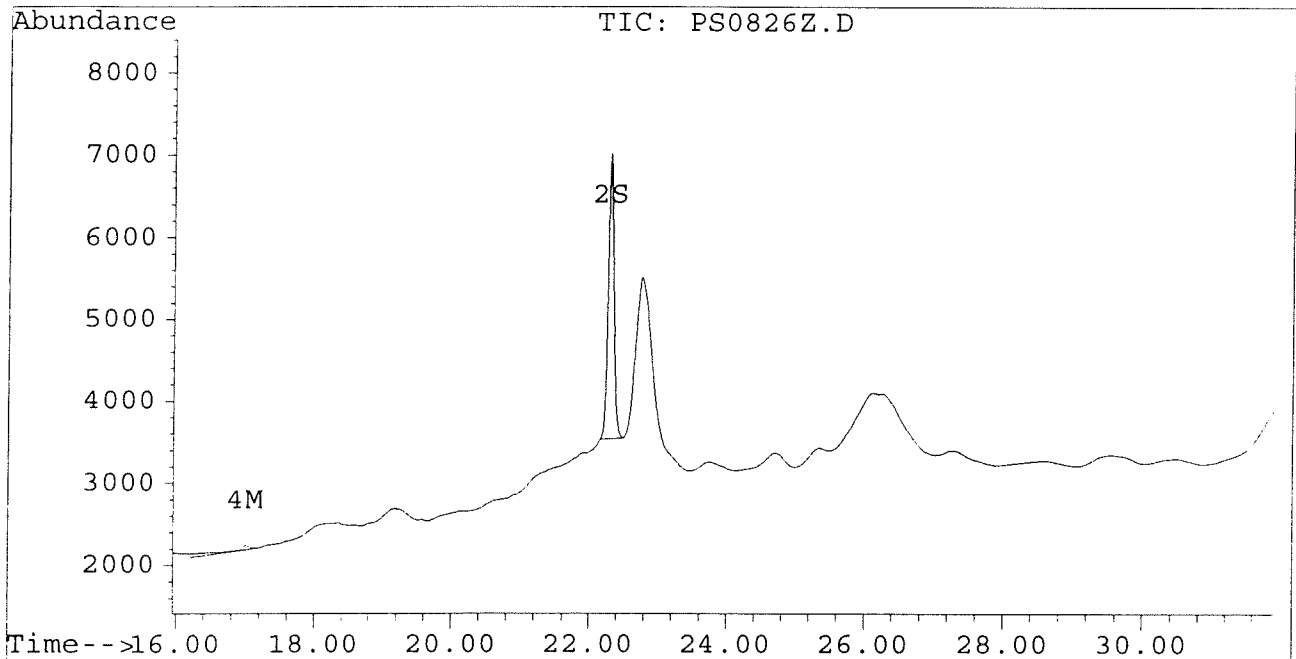
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826Z.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826Z.D\CONFIRM.D  
Acq On : 28 Aug 96 11:40 AM  
Sample : PIBLK  
Misc :  
Quant Time: Aug 28 12:13 1996

Vial: 71  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZA.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZA.D\CONFIRM.D  
 Acq On : 28 Aug 96 12:15 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 28 12:49 1996

Vial: 72  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	3863	3290	0.016	0.017
			Recovery	=	40.00%	42.50%
2) S Decachlorobiphenyl	22.30	30.72	3150	1292	0.015	0.015
			Recovery	=	37.50%	37.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	13327	9750	0.122	0.102
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	278	0	0.001	N.D. #
5) L1 Aroclor-1016	6.85	8.90	7500	3709	0.234	0.276
6) L1 Aroclor-1016 {2}	8.99	10.43	4026	6712	0.230	0.240
7) L1 Aroclor-1016 {3}	9.39	12.37	6226	4137	0.240	0.240
Total Aroclor-1016			17753	14558	0.704	0.756
Average Aroclor-1016					0.235	0.252
8) L2 Aroclor-1221	5.14	8.13	658	649	0.094	0.106
9) L2 Aroclor-1221 {2}	5.56	8.67	918	816	0.157	0.167
10) L2 Aroclor-1221 {3}	5.73	8.90	4310	3709	0.213	0.242
Total Aroclor-1221			5886	5175	0.465	0.515
Average Aroclor-1221					0.155	0.172
11) L3 Aroclor-1232	5.73	8.90	4310	3709	0.236	0.259
12) L3 Aroclor-1232 {2}	6.85	10.43	7500	6712	0.550	0.559
13) L3 Aroclor-1232 {3}	8.66	12.37	4981	4137	0.602	0.597
Total Aroclor-1232			16791	14558	1.388	1.414
Average Aroclor-1232					0.463	0.471
14) L4 Aroclor-1242	8.27	11.77	13327	9750	0.322	0.327
15) L4 Aroclor-1242 {2}	9.39	12.37	6226	4137	0.320	0.313
16) L4 Aroclor-1242 {3}	10.13	14.13	5354	4098	0.317	0.308
Total Aroclor-1242			24908	17985	0.959	0.948
Average Aroclor-1242					0.320	0.316
17) L5 Aroclor-1248	9.39	15.08	6226	3980	0.196	0.177
18) L5 Aroclor-1248 {2}	10.13	15.30	5354	4471	0.195	0.192
19) L5 Aroclor-1248 {3}	11.46	16.31	6109	3288	0.176	0.184
Total Aroclor-1248			17690	11739	0.567	0.552
Average Aroclor-1248					0.189	0.184
-----						

0005

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZA.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZA.D\CONFIRM.D  
 Acq On : 28 Aug 96 12:15 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 28 12:49 1996

Vial: 72  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.60	0	1034	N.D.	0.038 #
21) L6 Aroclor-1254 {2}	13.49	15.84	1346	1080	0.031	0.037
22) L6 Aroclor-1254 {3}	15.88	17.70	253	1196	0.008	0.030 #
Total Aroclor-1254			1600	3310	0.039	0.105
Average Aroclor-1254					0.020	0.035
23) L7 Aroclor-1260	13.97	18.33	749	83	0.022	0.003 #
24) L7 Aroclor-1260 {2}	14.77	0.00	130	0	0.003	N.D. #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			879	83	0.025	0.003
Average Aroclor-1260					0.012	0.003
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

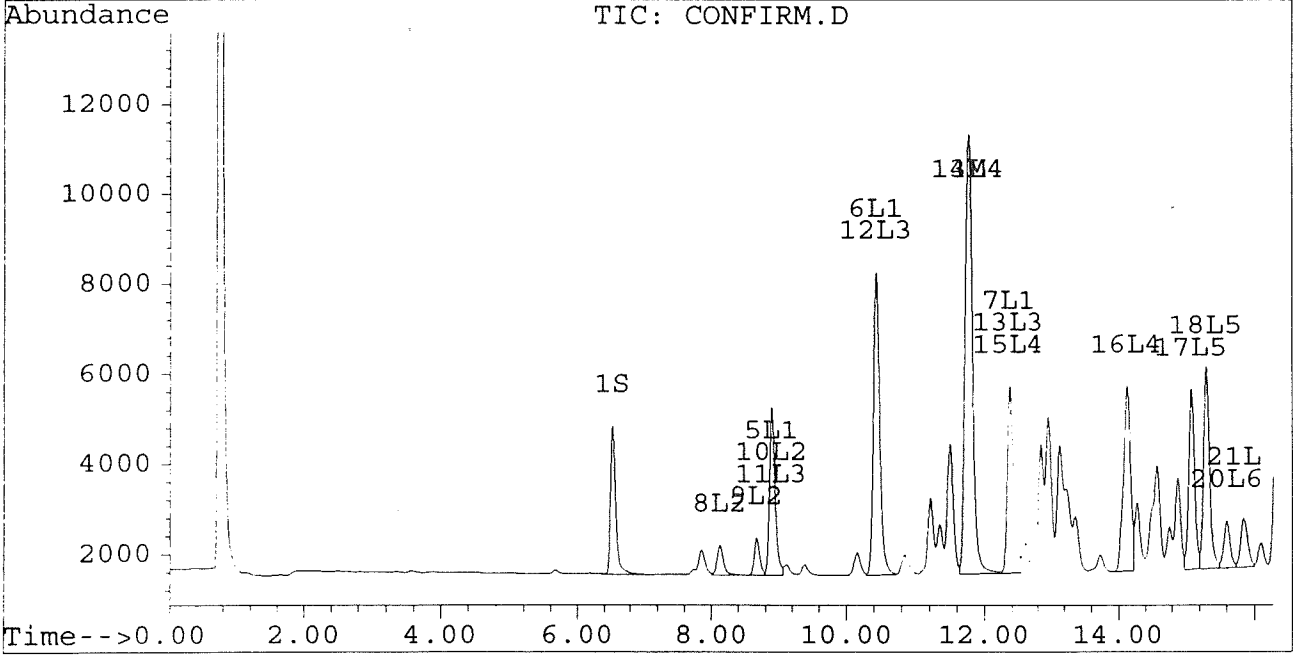
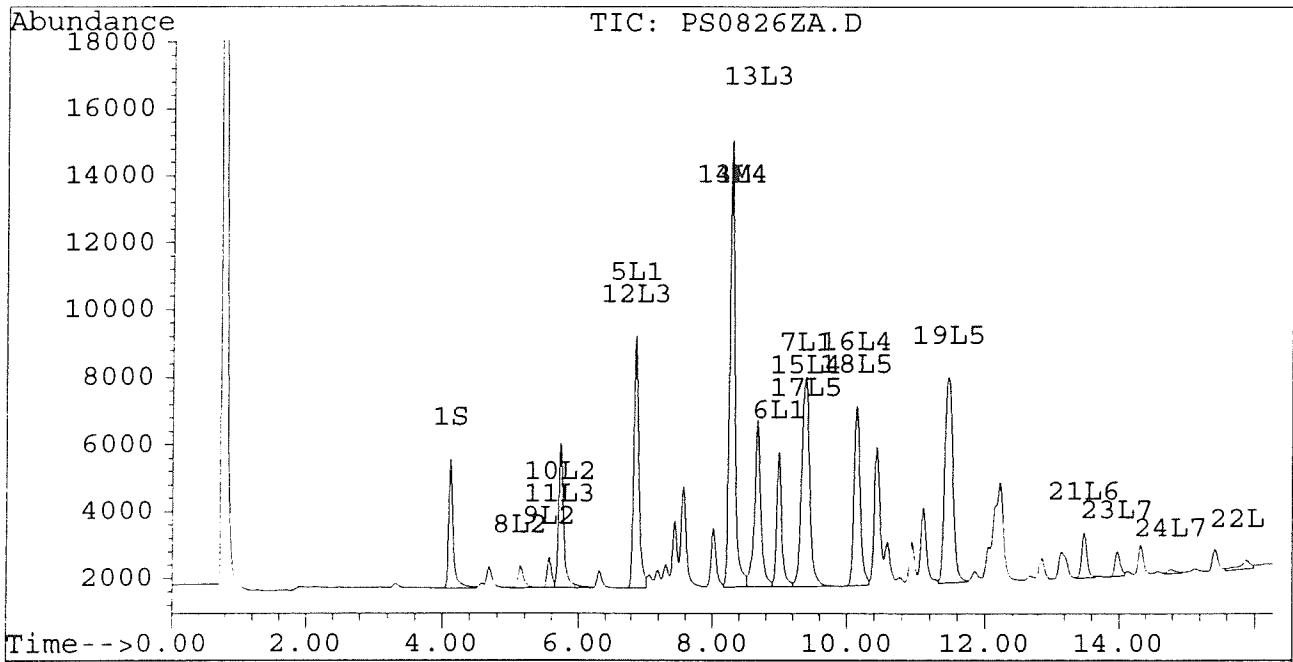
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Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZA.D\CONFIRM.D  
Acq On : 28 Aug 96 12:15 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 28 12:49 1996

Vial: 72

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



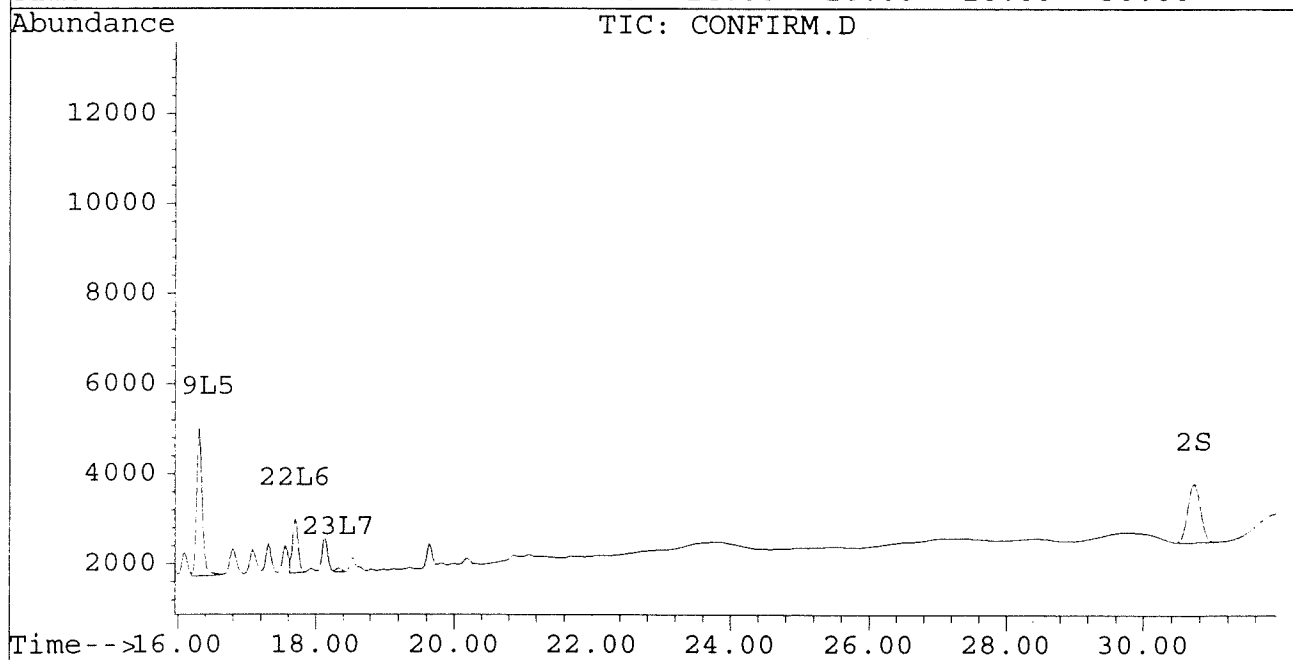
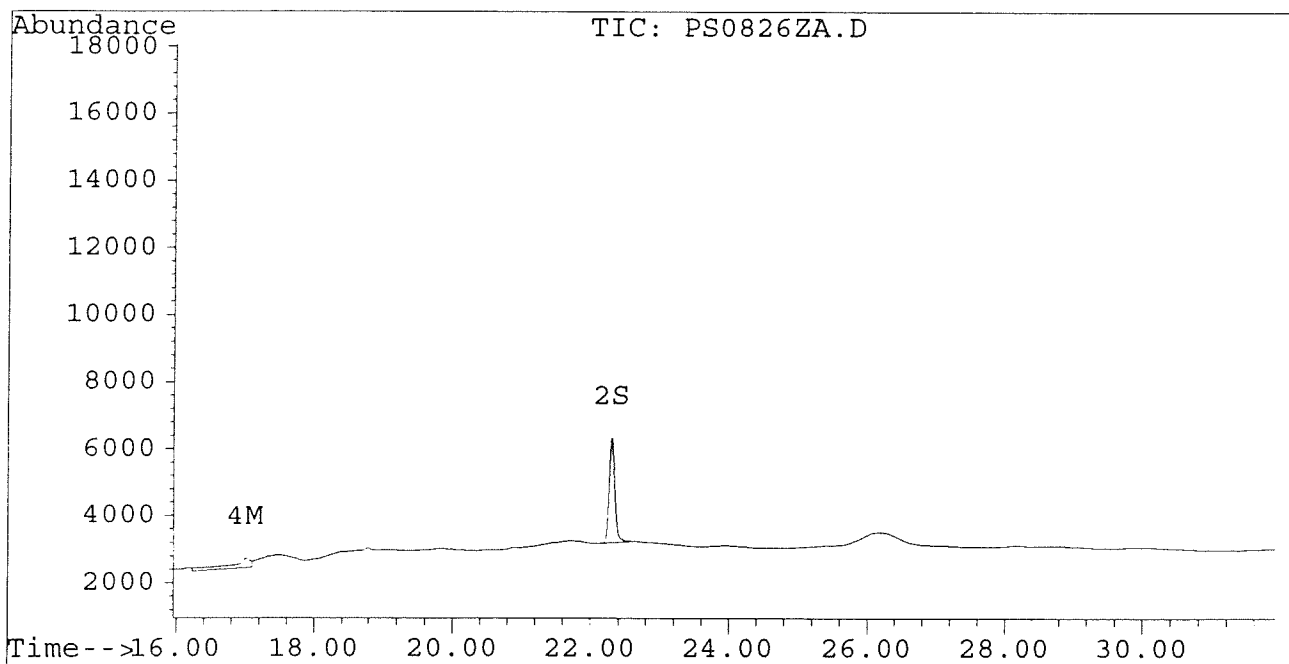
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZA.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZA.D\CONFIRM.D  
Acq On : 28 Aug 96 12:15 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 28 12:49 1996

Vial: 72  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZB.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZB.D\CONFIRM.D  
 Acq On : 28 Aug 96 12:51 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 28 13:25 1996

Vial: 73  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	3827	3132	0.016	0.016
			Recovery	=	40.00%	40.00%
2) S Decachlorobiphenyl	22.30	30.72	2963	1193	0.014	0.013
			Recovery	=	35.00%	32.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.77	302	222	0.003	0.002
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	2809	1795	0.015	0.011
5) L1 Aroclor-1016	6.86	8.91	159	54	0.005	0.004
6) L1 Aroclor-1016 {2}	8.99	10.44	88	141	0.005	0.005
7) L1 Aroclor-1016 {3}	9.35f	12.37	5355	66	0.207	0.004 #
Total Aroclor-1016			5601	261	0.216	0.013
Average Aroclor-1016					0.072	0.004
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.91	67	54	0.003	0.004
Total Aroclor-1221			67	54	0.003	0.004
Average Aroclor-1221					0.003	0.004
11) L3 Aroclor-1232	5.73	8.91	67	54	0.004	0.004
12) L3 Aroclor-1232 {2}	6.86	10.44	159	141	0.012	0.012
13) L3 Aroclor-1232 {3}	8.66	12.37	109	66	0.013	0.009 #
Total Aroclor-1232			335	261	0.028	0.025
Average Aroclor-1232					0.009	0.008
14) L4 Aroclor-1242	8.28	11.77	302	222	0.007	0.007
15) L4 Aroclor-1242 {2}	9.35	12.37	5355	66	0.275	0.005 #
16) L4 Aroclor-1242 {3}	10.13	14.14	2602	2260	0.154	0.170
Total Aroclor-1242			8258	2548	0.437	0.182
Average Aroclor-1242					0.146	0.061
17) L5 Aroclor-1248	9.35	15.08	5355	3294	0.168	0.146
18) L5 Aroclor-1248 {2}	10.13	15.30	2602	1040	0.095	0.045 #
19) L5 Aroclor-1248 {3}	11.42	16.31	9899	665	0.284	0.037 #
Total Aroclor-1248			17856	5000	0.548	0.228
Average Aroclor-1248					0.183	0.076

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZB.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZB.D\CONFIRM.D  
 Acq On : 28 Aug 96 12:51 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 28 13:25 1996

Vial: 73  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	9117	7838	0.292	0.290
21) L6 Aroclor-1254 {2}	13.48	15.84	12714	8450	0.294	0.290
22) L6 Aroclor-1254 {3}	15.88	17.69	9081	11446	0.283	0.287
Total Aroclor-1254			30912	27734	0.869	0.868
Average Aroclor-1254					0.290	0.289
23) L7 Aroclor-1260	13.98	18.33	5709	4088	0.165	0.128
24) L7 Aroclor-1260 {2}	14.77	18.64	5120	4456	0.126	0.124
25) L7 Aroclor-1260 {3}	17.97	22.06	1239	766	0.021	0.014 #
Total Aroclor-1260			12067	9310	0.312	0.266
Average Aroclor-1260					0.104	0.089
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



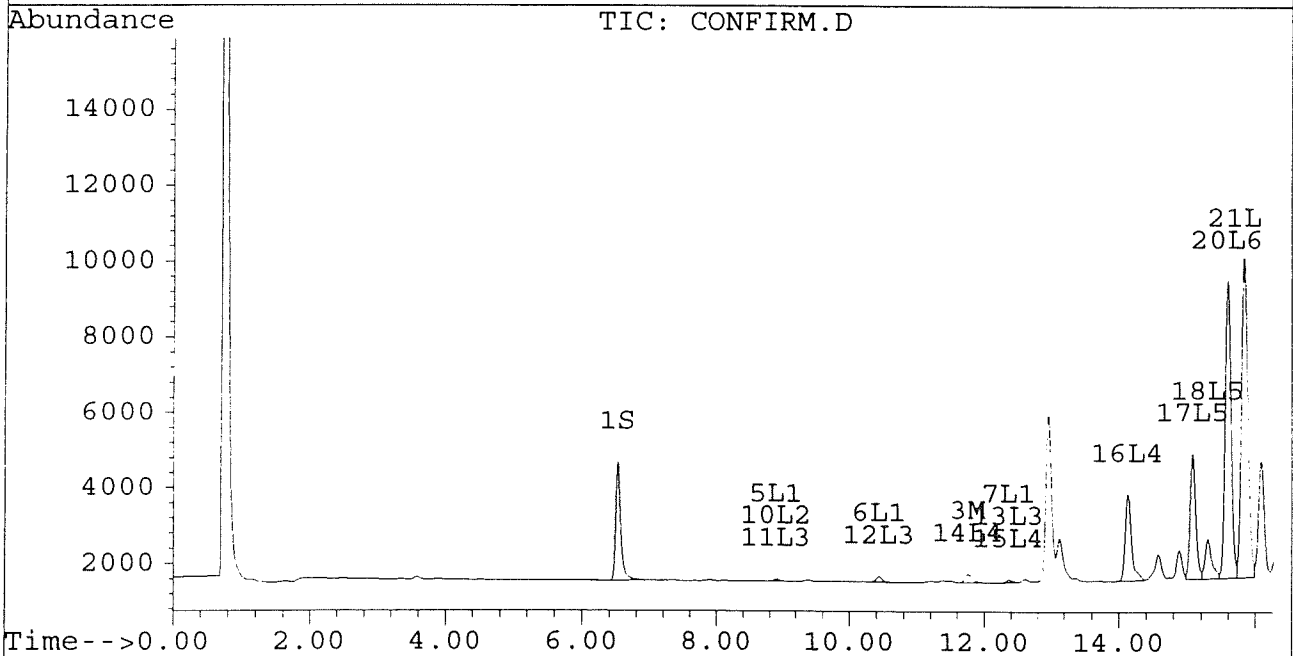
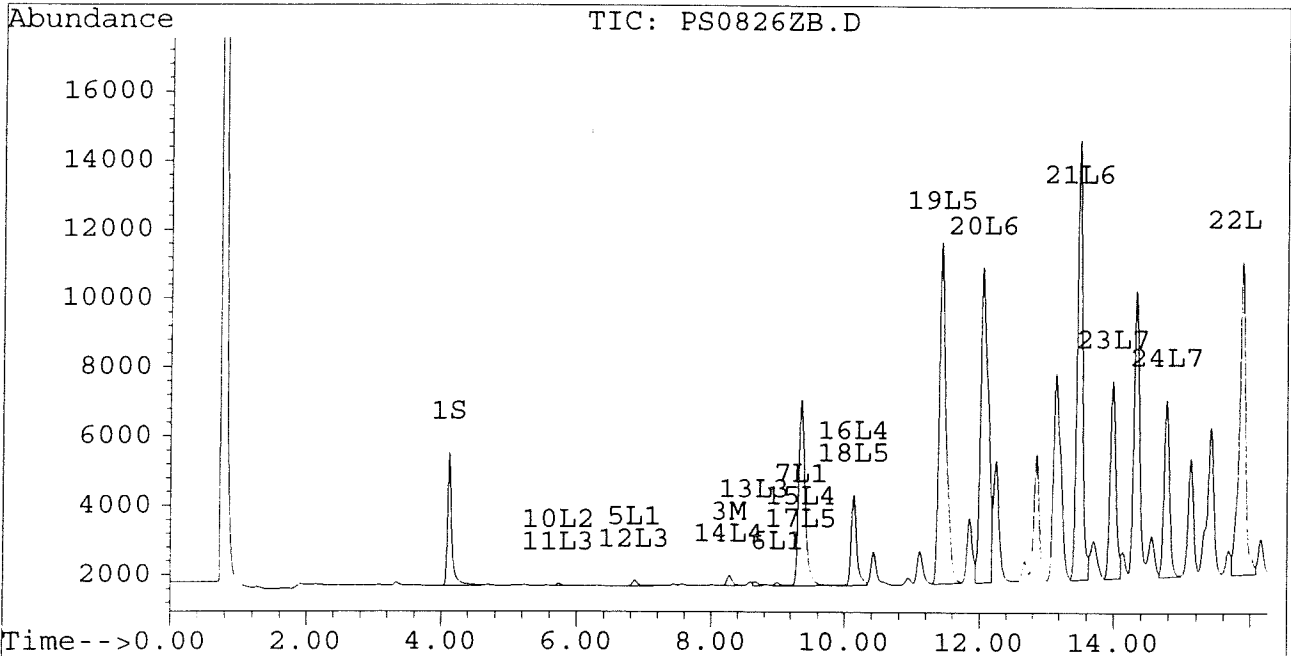
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZB.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZB.D\CONFIRM.D  
Acq On : 28 Aug 96 12:51 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 28 13:25 1996

Vial: 73  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



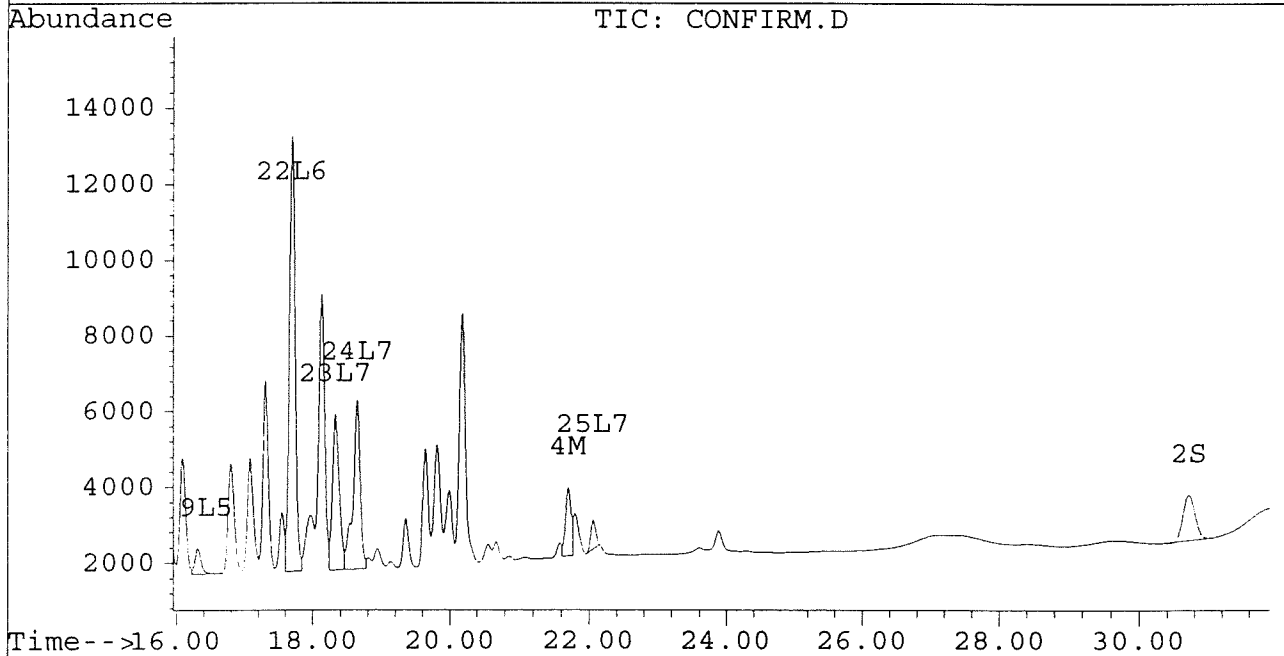
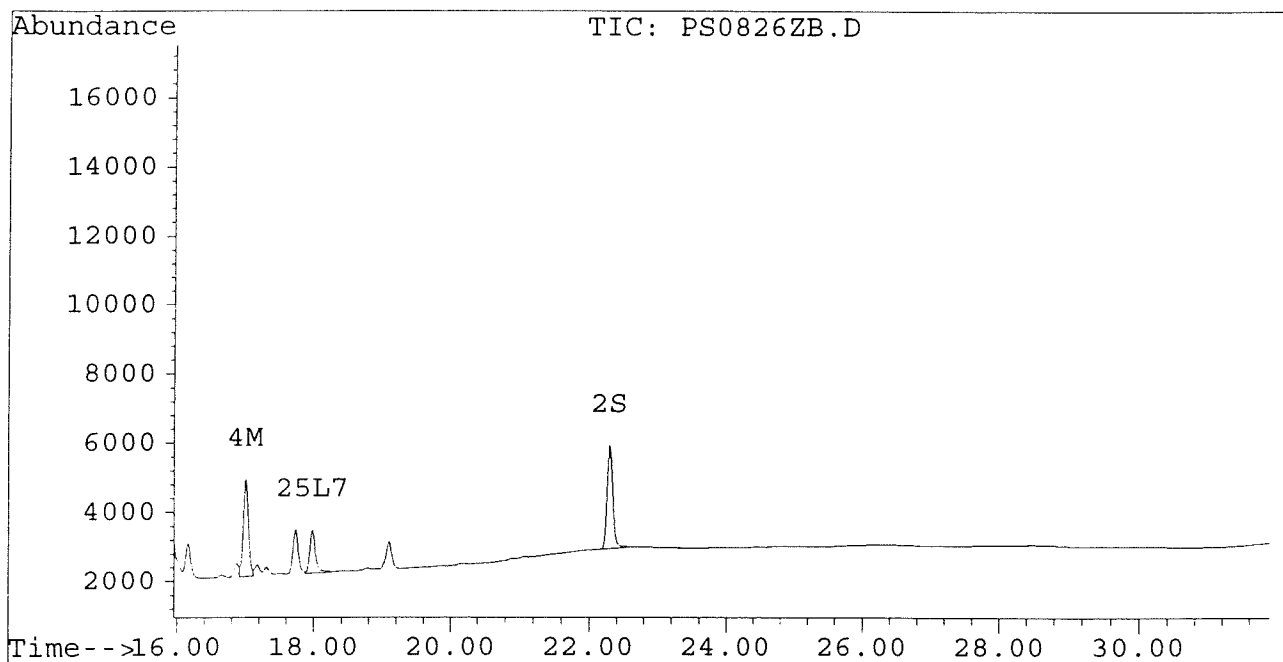
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZB.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZB.D\CONFIRM.D  
Acq On : 28 Aug 96 12:51 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 28 13:25 1996

Vial: 73  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZC.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZC.D\CONFIRM.D  
 Acq On : 28 Aug 96 01:26 PM  
 Sample : PCB COGENERATORS 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 28 14:00 1996

Vial: 74  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	4331	3614	0.018	0.019
			Recovery	=	45.00%	47.50%
2) S Decachlorobiphenyl	22.30	30.72	3120	1345	0.015	0.015
			Recovery	=	37.50%	37.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.79	25271	23313	0.231	0.243
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	41427	34532	0.222	0.220
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.12	8.12	40	74	0.006	0.012 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			40	74	0.006	0.012
Average Aroclor-1221					0.006	0.012
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.28	11.79	25271	23313	0.610	0.782 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			25271	23313	0.610	0.782
Average Aroclor-1242					0.610	0.782
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	15.32	0	30	N.D.	0.001 #
19) L5 Aroclor-1248 {3}	11.49f	16.34	26	39	0.001	0.002 #
Total Aroclor-1248			26	69	0.001	0.003
Average Aroclor-1248					0.001	0.002

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 PS0826ZC.D PCB1G.M Wed Aug 28 14:00:56 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZC.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZC.D\CONFIRM.D  
 Acq On : 28 Aug 96 01:26 PM  
 Sample : PCB COGENERES 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 28 14:00 1996

Vial: 74  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	13.97	0.00	146	0	0.004	N.D. #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			146	0	0.004	N.D.
Average Aroclor-1260					0.004	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

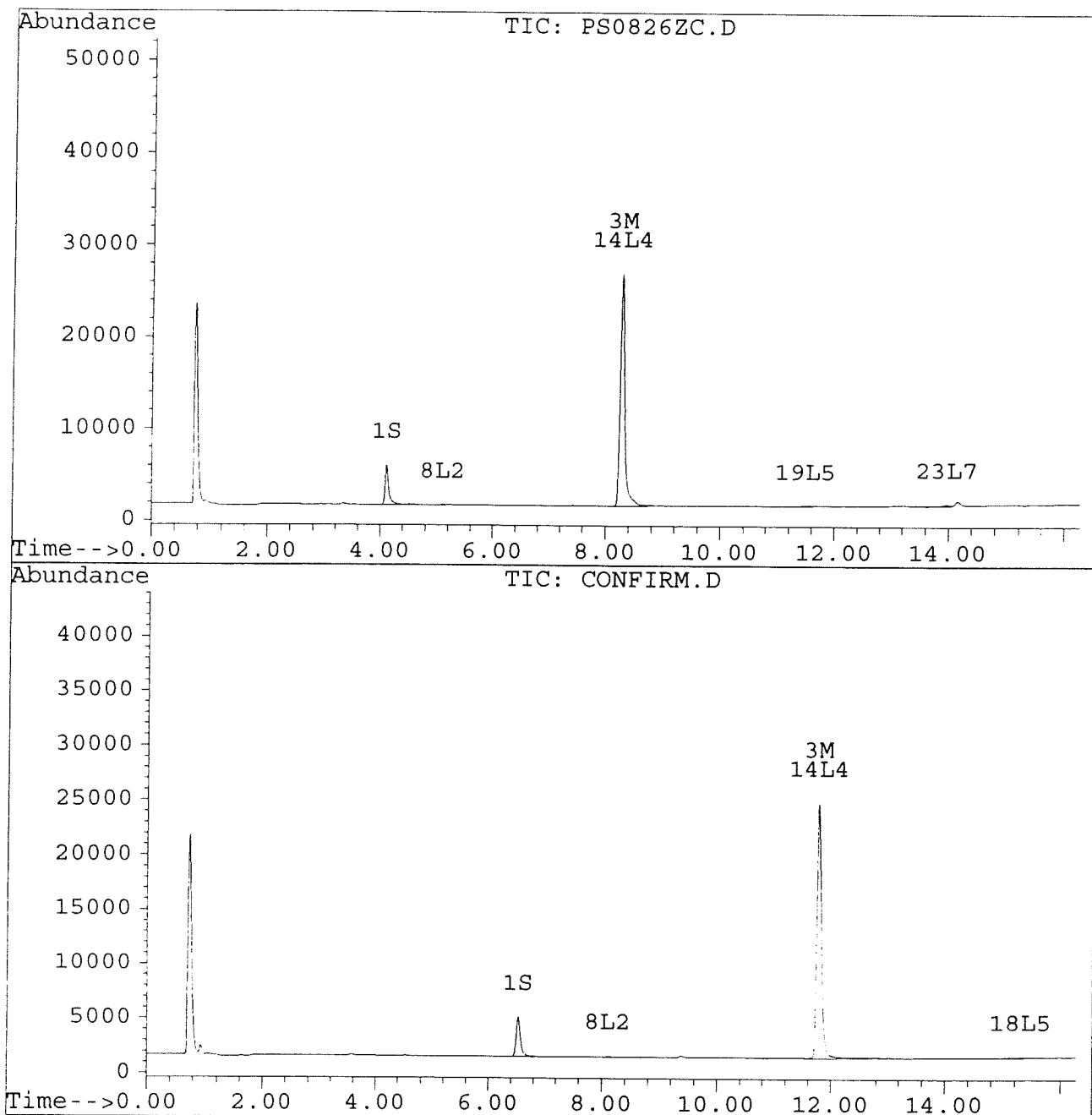
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZC.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZC.D\CONFIRM.D  
Acq On : 28 Aug 96 01:26 PM  
Sample : PCB COGENERATORS 0.25 UG/ML  
Misc :  
Quant Time: Aug 28 14:00 1996

Vial: 74  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



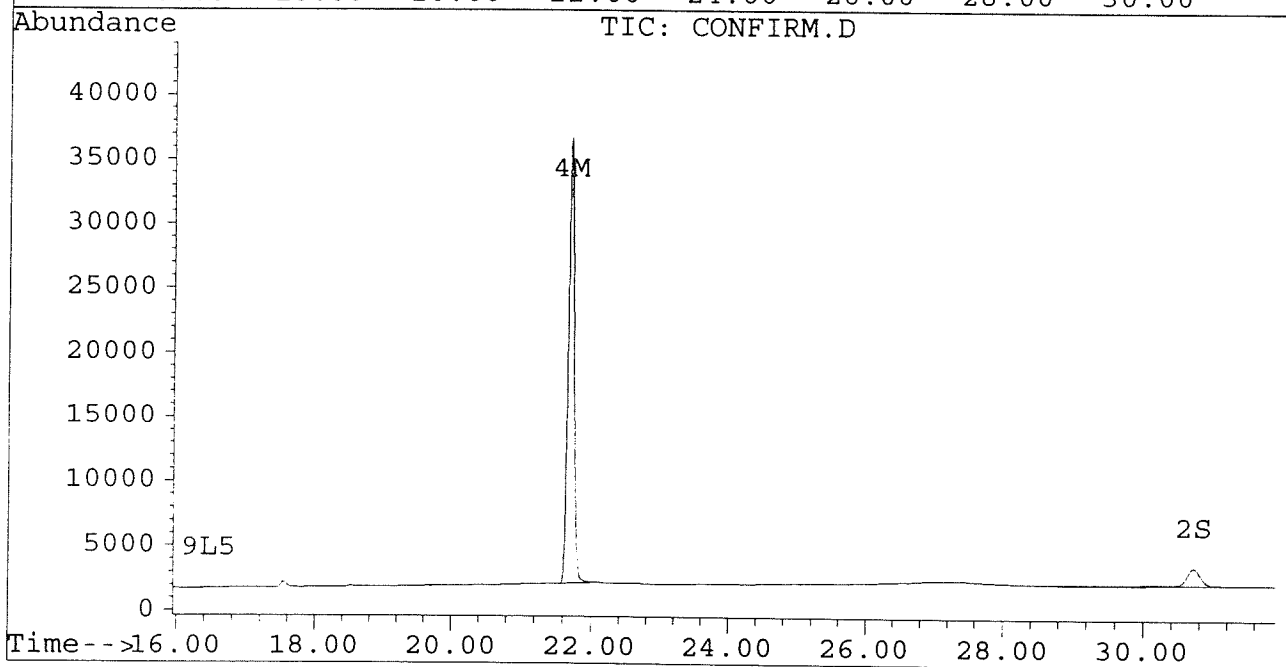
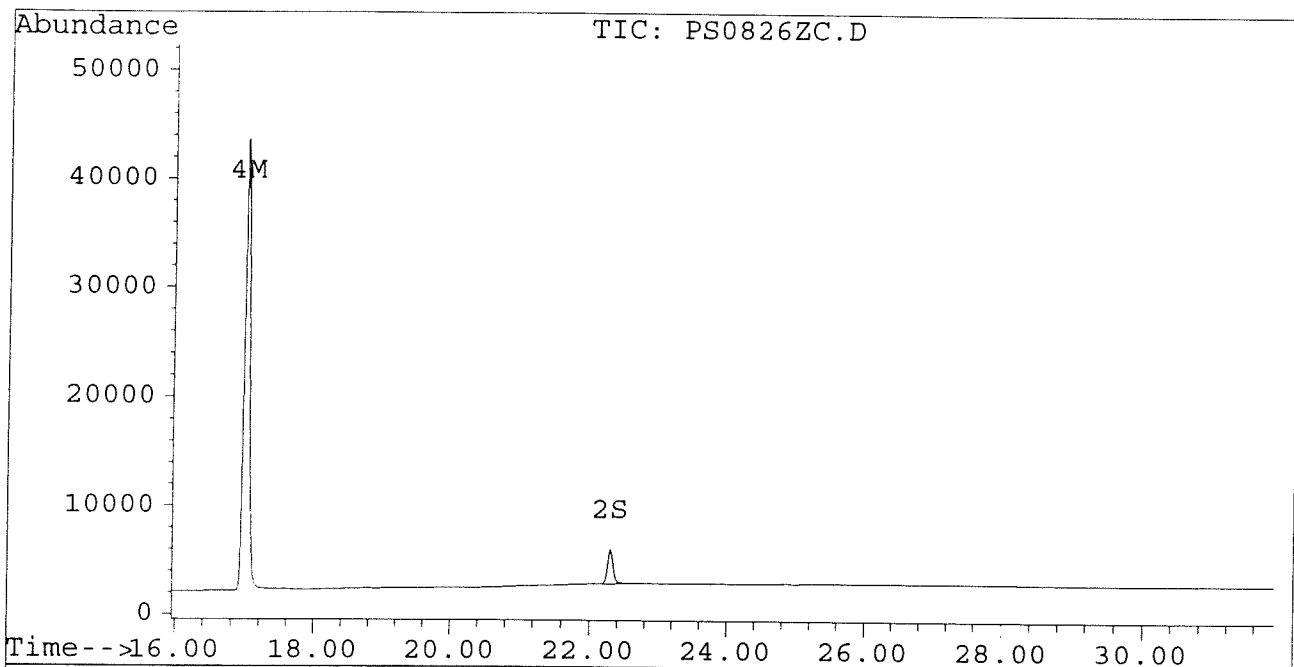
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZC.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZC.D\CONFIRM.D  
Acq On : 28 Aug 96 01:26 PM  
Sample : PCB COGENERERS 0.25 UG/ML  
Misc :  
Quant Time: Aug 28 14:00 1996

Vial: 74  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZD.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZD.D\CONFIRM.D  
 Acq On : 28 Aug 96 08:01 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Aug 28 20:35 1996

Vial: 85  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylen	4.11	6.53	4137	3471	0.017	0.018
			Recovery	=	42.50%	45.00%
2) S Decachlorobiphenyl	22.30	30.72	3263	1340	0.015	0.015
			Recovery	=	37.50%	37.50%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	17.01	0.00	61	0	0.000	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	11.45	0.00	21	0	0.001	N.D. #
Total Aroclor-1248			21	0	0.001	N.D.
Average Aroclor-1248					0.001	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZD.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZD.D\CONFIRM.D  
 Acq On : 28 Aug 96 08:01 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Aug 28 20:35 1996

Vial: 85  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



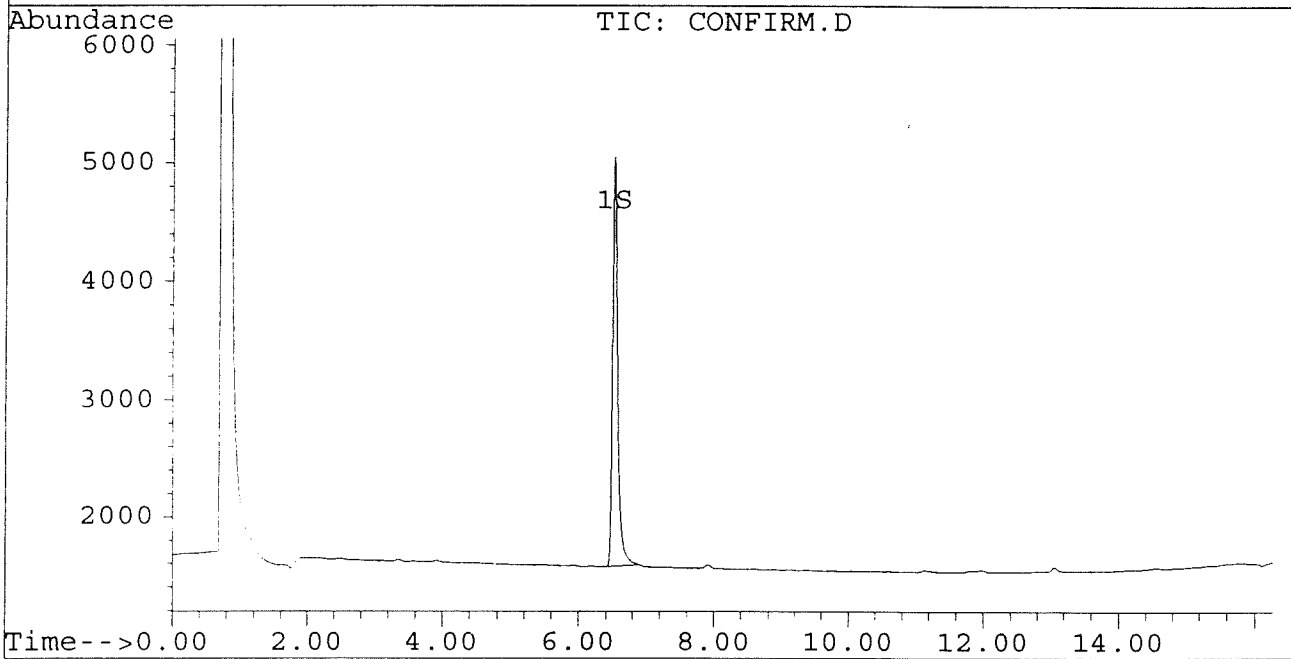
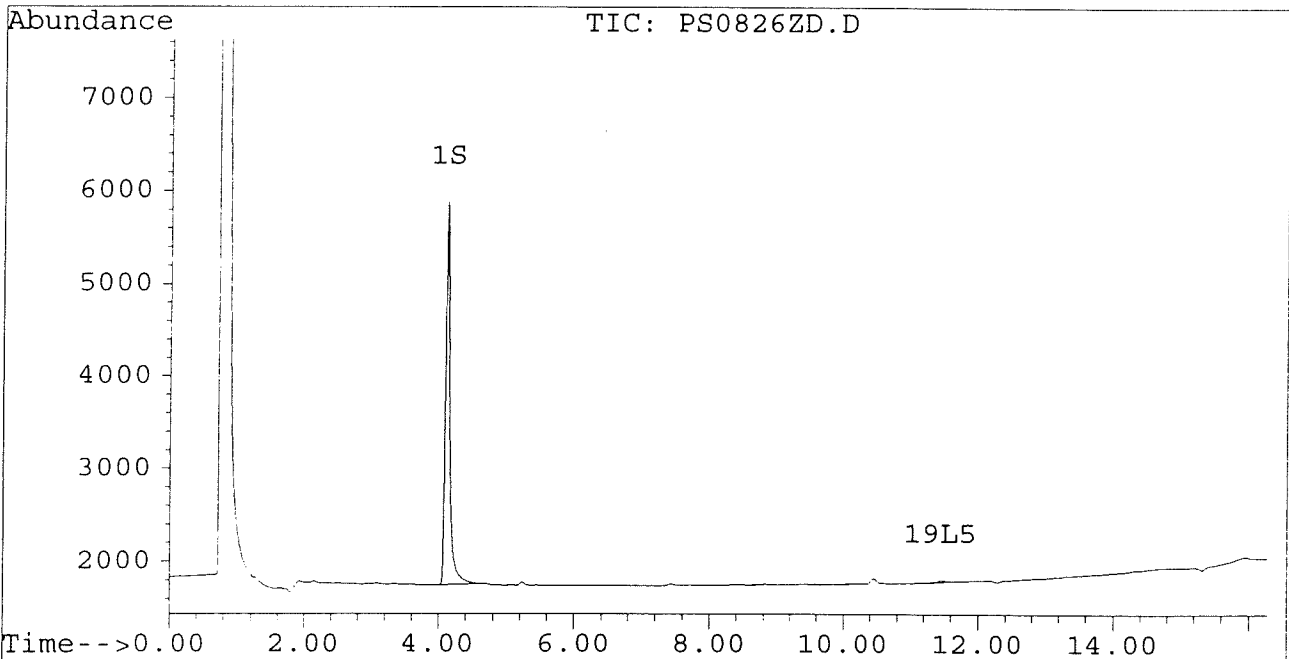
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZD.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZD.D\CONFIRM.D  
Acq On : 28 Aug 96 08:01 PM  
Sample : PIBLK  
Misc :  
Quant Time: Aug 28 20:35 1996

Vial: 85  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



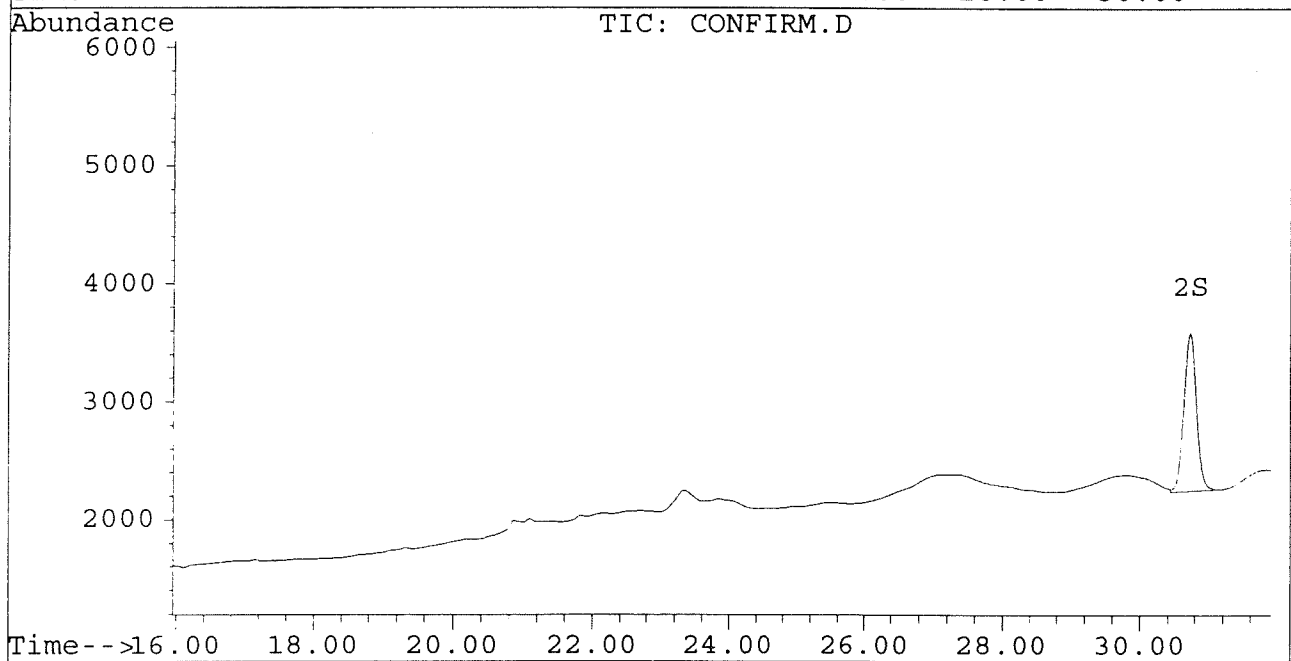
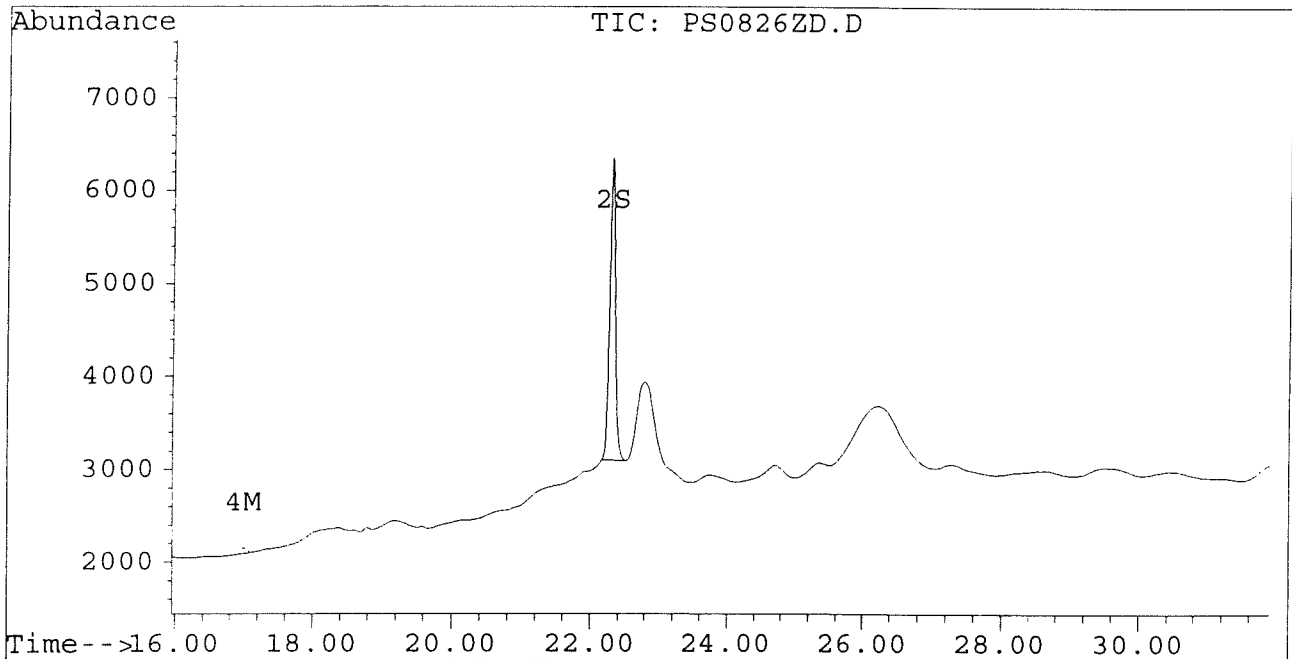
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZD.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZD.D\CONFIRM.D  
Acq On : 28 Aug 96 08:01 PM  
Sample : PIBLK  
Misc :  
Quant Time: Aug 28 20:35 1996

Vial: 85  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZE.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZE.D\CONFIRM.D  
 Acq On : 28 Aug 96 08:37 PM  
 Sample : PCB COGENERS 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 29 8:44 1996

Vial: 74  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.12	6.51	4688	3775	0.020	0.020
			Recovery	=	50.00%	50.00%
2) S Decachlorobiphenyl	22.30	30.71	3732	1259	0.018	0.014
			Recovery	=	45.00%	35.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.77	25550	22429	0.233	0.234
4) M 2,2',3,3',4,4'-Hexa	17.00	21.70	40396	34129	0.216	0.217
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.12	8.10	43	65	0.006	0.011 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			43	65	0.006	0.011
Average Aroclor-1221					0.006	0.011
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.28	11.77	25550	22429	0.617	0.753
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			25550	22429	0.617	0.753
Average Aroclor-1242					0.617	0.753
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	15.30	0	27	N.D.	0.001 #
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	27	N.D.	0.001
Average Aroclor-1248					0.000	0.001

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZE.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZE.D\CONFIRM.D  
 Acq On : 28 Aug 96 08:37 PM  
 Sample : PCB COGENERs 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 29 8:44 1996

Vial: 74  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	15.84	0	27	N.D.	0.001 #
22) L6 Aroclor-1254 {3}	15.88	0.00	267	0	0.008	N.D. #
Total Aroclor-1254			267	27	0.008	0.001
Average Aroclor-1254					0.008	0.001
23) L7 Aroclor-1260	13.98	0.00	257	0	0.007	N.D. #
24) L7 Aroclor-1260 {2}	14.79	0.00	244	0	0.006	N.D. #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			500	0	0.013	N.D.
Average Aroclor-1260					0.007	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

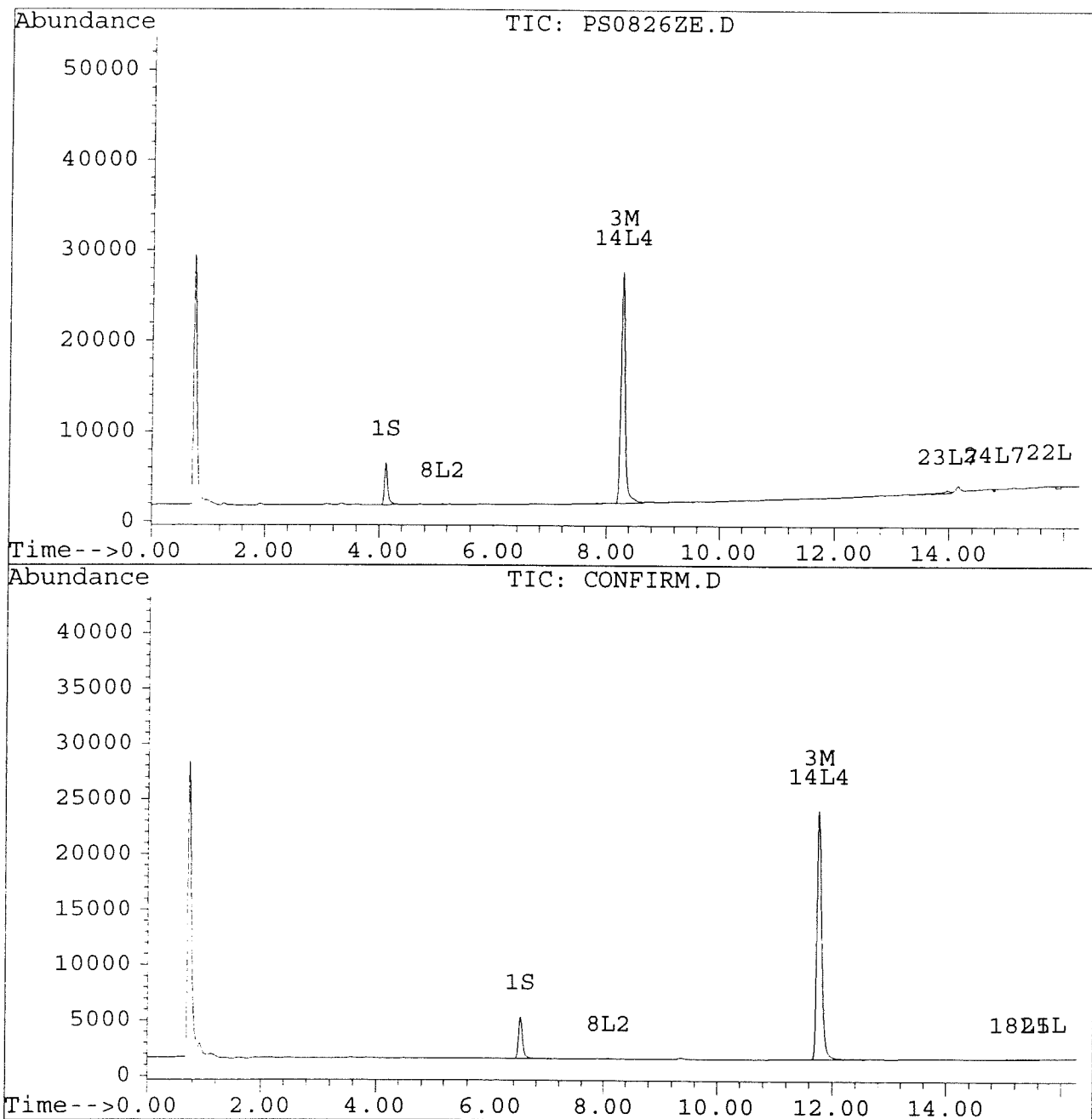
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZE.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZE.D\CONFIRM.D  
Acq On : 28 Aug 96 08:37 PM  
Sample : PCB COGENERATORS 0.25 UG/ML  
Misc :  
Quant Time: Aug 29 8:44 1996

Vial: 74  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



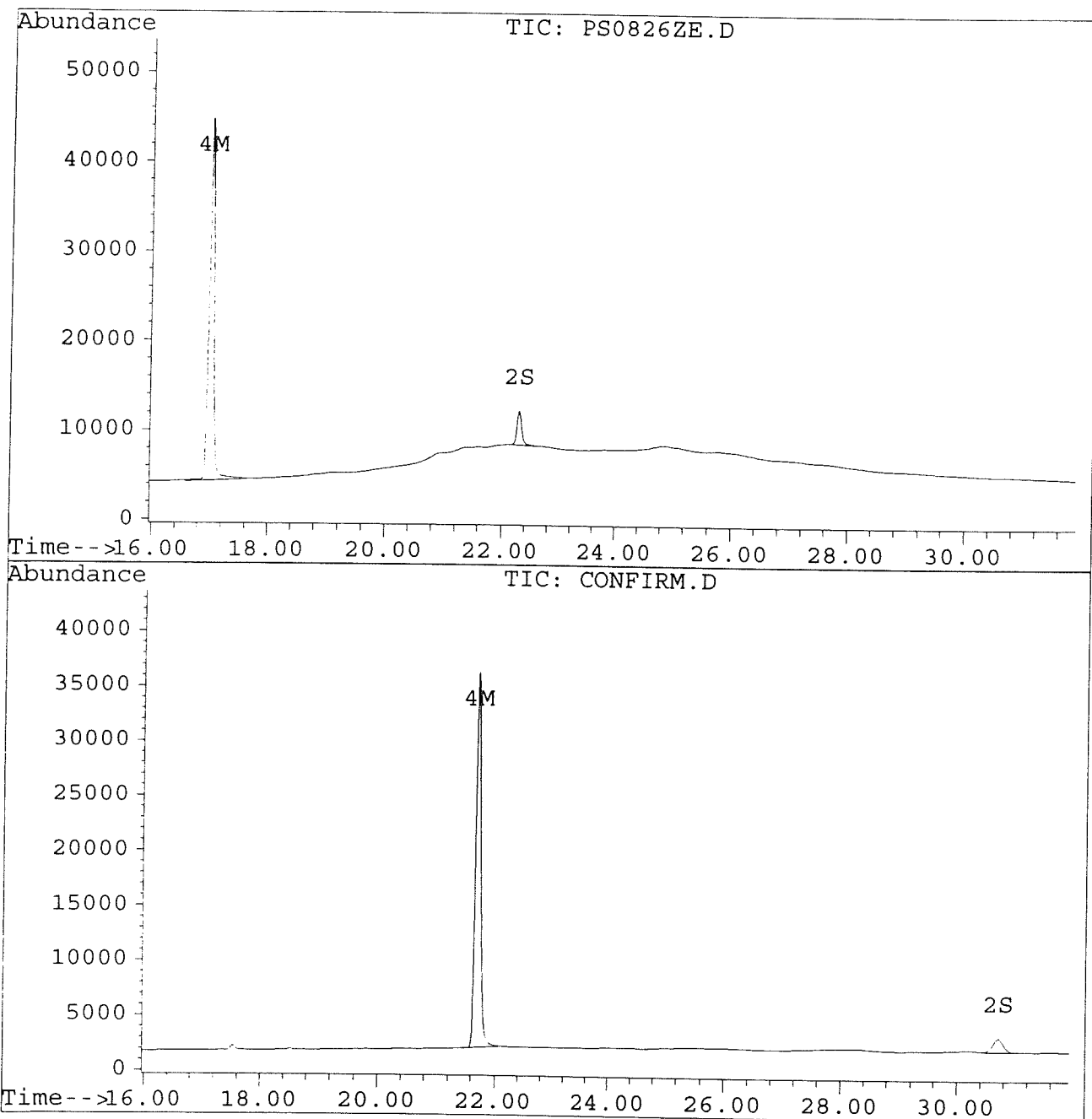
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZE.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZE.D\CONFIRM.D  
Acq On : 28 Aug 96 08:37 PM  
Sample : PCB COGENERS 0.25 UG/ML  
Misc :  
Quant Time: Aug 29 8:44 1996

Vial: 74  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZF.D Vial: 86  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZF.D\CONFIRM.D  
 Acq On : 29 Aug 96 08:45 AM Operator: JS  
 Sample : AR1242 1.0 UG/ML Inst : ECD1  
 Misc : Multiplr: 1.00  
 Quant Time: Aug 29 9:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	3752	3120	0.016	0.016
			Recovery	=	40.00%	40.00%
2) S Decachlorobiphenyl	22.30	30.72	3193	1303	0.015	0.015
			Recovery	=	37.50%	37.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	12257	8820	0.112	0.092
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	157	0	0.001	N.D. #
5) L1 Aroclor-1016	6.85	8.90	7139	3507	0.223	0.261
6) L1 Aroclor-1016 {2}	8.99	10.43	3683	6423	0.210	0.230
7) L1 Aroclor-1016 {3}	9.38	12.37	5773	3774	0.223	0.219
Total Aroclor-1016			16596	13704	0.656	0.709
Average Aroclor-1016					0.219	0.236
8) L2 Aroclor-1221	5.13	8.13	618	609	0.088	0.100
9) L2 Aroclor-1221 {2}	5.56	8.67	873	787	0.150	0.161
10) L2 Aroclor-1221 {3}	5.73	8.90	4083	3507	0.202	0.228
Total Aroclor-1221			5574	4903	0.440	0.489
Average Aroclor-1221					0.147	0.163
11) L3 Aroclor-1232	5.73	8.90	4083	3507	0.224	0.245
12) L3 Aroclor-1232 {2}	6.85	10.43	7139	6423	0.523	0.535
13) L3 Aroclor-1232 {3}	8.66	12.37	4594	3774	0.555	0.544
Total Aroclor-1232			15816	13704	1.302	1.324
Average Aroclor-1232					0.434	0.441
14) L4 Aroclor-1242	8.27	11.77	12257	8820	0.296	0.296
15) L4 Aroclor-1242 {2}	9.38	12.37	5773	3774	0.297	0.286
16) L4 Aroclor-1242 {3}	10.13	14.13	4992	3890	0.295	0.292
Total Aroclor-1242			23022	16484	0.888	0.874 ✓
Average Aroclor-1242					0.296	0.291
17) L5 Aroclor-1248	9.38	15.08	5773	3493	0.181	0.155
18) L5 Aroclor-1248 {2}	10.13	15.30	4992	3999	0.182	0.171
19) L5 Aroclor-1248 {3}	11.46	16.31	5583	2954	0.160	0.165
Total Aroclor-1248			16348	10447	0.524	0.492
Average Aroclor-1248					0.175	0.164

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZF.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZF.D\CONFIRM.D  
 Acq On : 29 Aug 96 08:45 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 29 9:19 1996

Vial: 86  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.60	0	958	N.D.	0.035 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1249	996	0.029	0.034
22) L6 Aroclor-1254 {3}	15.88	17.70	233	1113	0.007	0.028 #
Total Aroclor-1254			1482	3067	0.036	0.098
Average Aroclor-1254					0.018	0.033
23) L7 Aroclor-1260	13.97	18.33	697	82	0.020	0.003 #
24) L7 Aroclor-1260 {2}	14.77	0.00	164	0	0.004	N.D. #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			861	82	0.024	0.003
Average Aroclor-1260					0.012	0.003
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



Quantitation Report

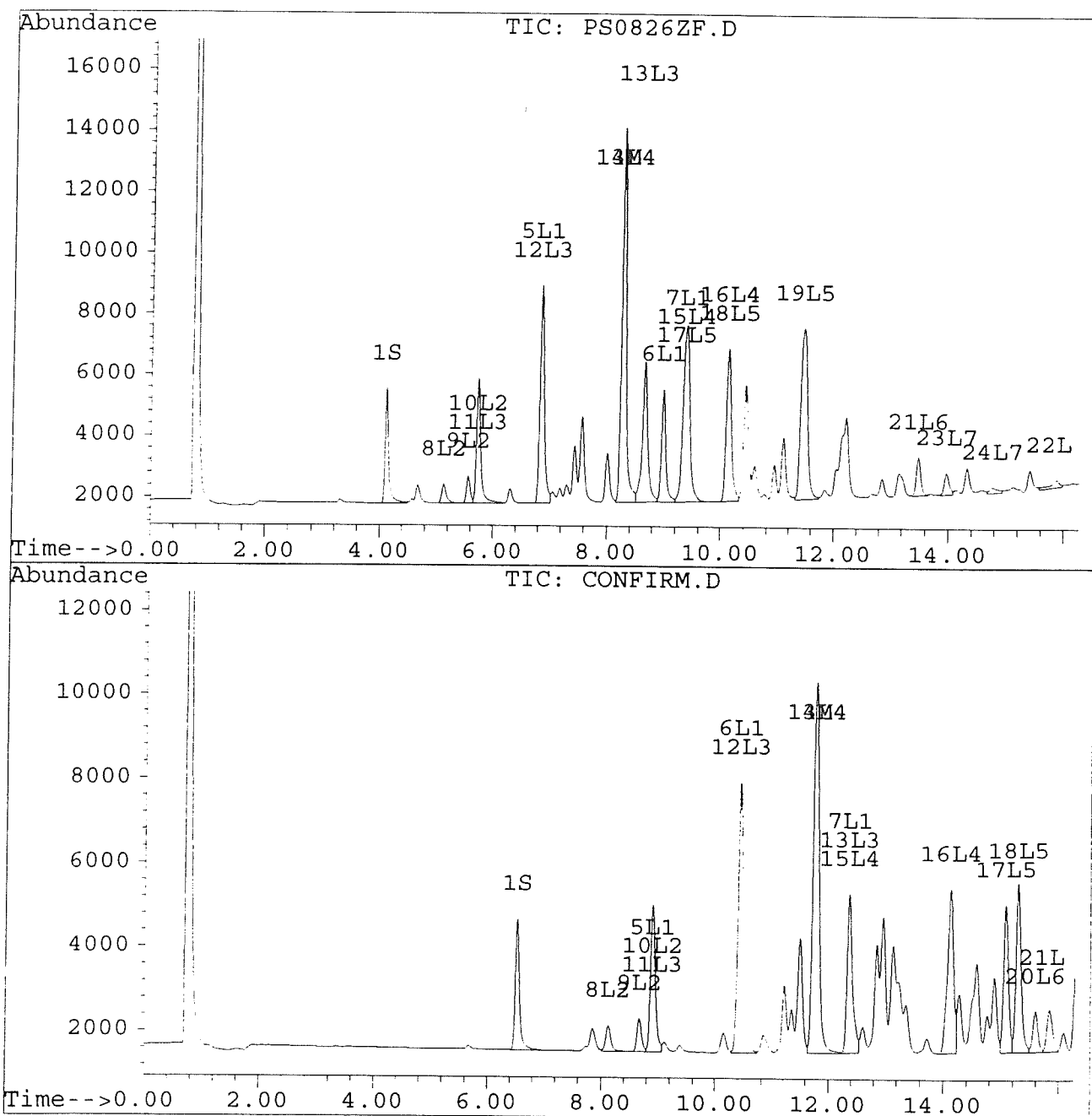
Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZF.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZF.D\CONFIRM.D  
 Acq On : 29 Aug 96 08:45 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 29 9:19 1996

Vial: 86  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM



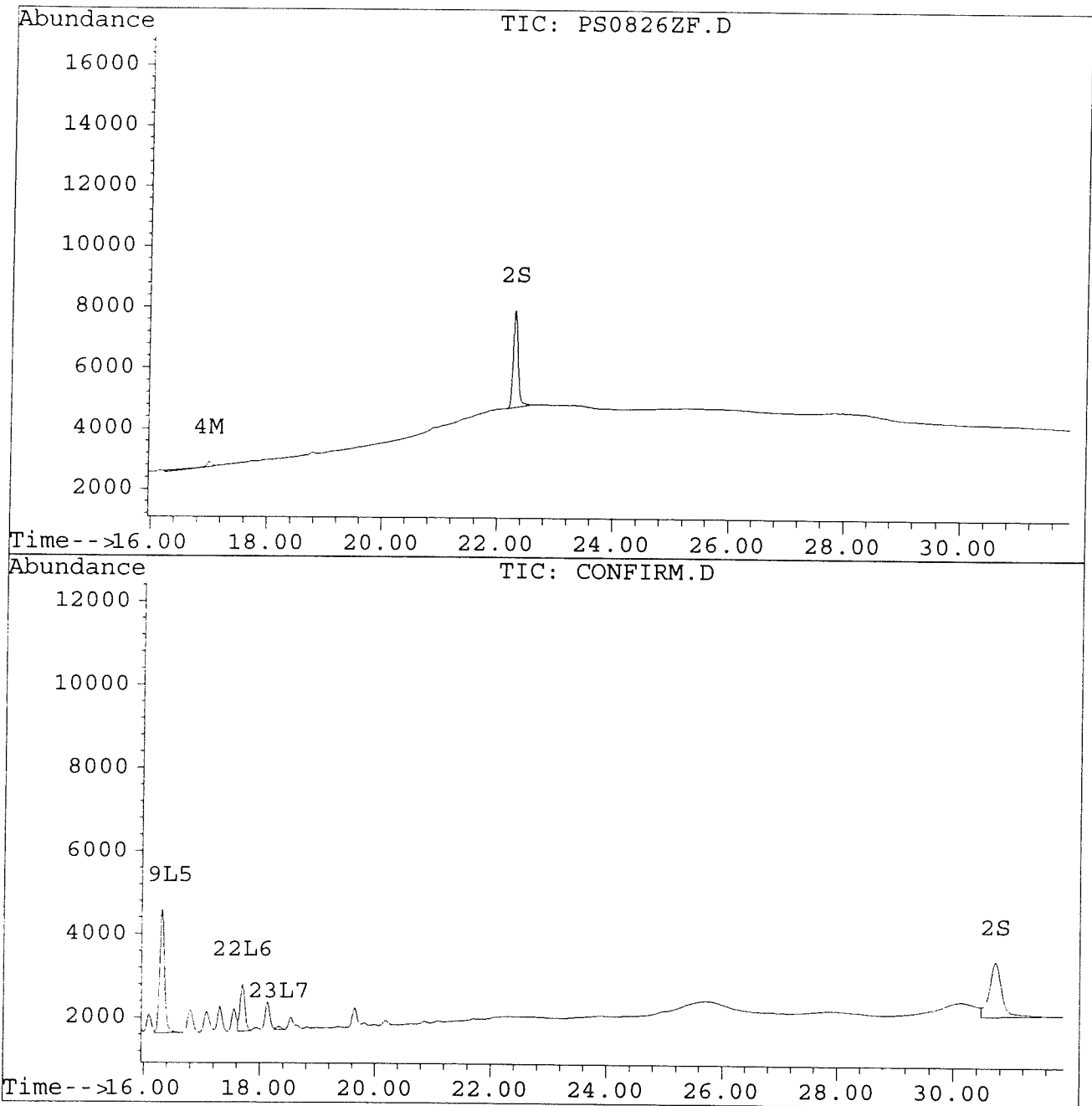
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZF.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZF.D\CONFIRM.D  
Acq On : 29 Aug 96 08:45 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 29 9:19 1996

Vial: 86  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZG.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZG.D\CONFIRM.D  
 Acq On : 29 Aug 96 09:21 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 29 9:55 1996

Vial: 87  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	3688	3104	0.015	0.016
			Recovery	=	37.50%	40.00%
2) S Decachlorobiphenyl	22.30	30.72	3026	1144	0.014	0.013
			Recovery	=	35.00%	32.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.77	292	213	0.003	0.002
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	2737	1806	0.015	0.012
5) L1 Aroclor-1016	6.86	8.90	159	56	0.005	0.004
6) L1 Aroclor-1016 {2}	8.99	10.44	85	142	0.005	0.005
7) L1 Aroclor-1016 {3}	9.35f	12.37	5262	68	0.203	0.004 #
Total Aroclor-1016			5505	266	0.213	0.013
Average Aroclor-1016					0.071	0.004
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.90	65	56	0.003	0.004
Total Aroclor-1221			65	56	0.003	0.004
Average Aroclor-1221					0.003	0.004
11) L3 Aroclor-1232	5.73	8.90	65	56	0.004	0.004
12) L3 Aroclor-1232 {2}	6.86	10.44	159	142	0.012	0.012
13) L3 Aroclor-1232 {3}	8.66	12.37	107	68	0.013	0.010
Total Aroclor-1232			331	266	0.028	0.025
Average Aroclor-1232					0.009	0.008
14) L4 Aroclor-1242	8.28	11.77	292	213	0.007	0.007
15) L4 Aroclor-1242 {2}	9.35	12.37	5262	68	0.270	0.005 #
16) L4 Aroclor-1242 {3}	10.13	14.13	2572	2234	0.152	0.168
Total Aroclor-1242			8126	2514	0.430	0.180
Average Aroclor-1242					0.143	0.060
17) L5 Aroclor-1248	9.35	15.08	5262	3132	0.165	0.139
18) L5 Aroclor-1248 {2}	10.13	15.30	2572	978	0.094	0.042 #
19) L5 Aroclor-1248 {3}	11.42	16.31	9751	643	0.280	0.036 #
Total Aroclor-1248			17585	4752	0.539	0.217
Average Aroclor-1248					0.180	0.072

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 PS0826ZG.D PCB1G.M Thu Aug 29 09:55:31 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZG.D  
 Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZG.D\CONFIRM.D  
 Acq On : 29 Aug 96 09:21 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 29 9:55 1996

Vial: 87  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase : DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	8963	7891	0.287	0.292
21) L6 Aroclor-1254 {2}	13.49	15.84	12543	8353	0.290	0.287
22) L6 Aroclor-1254 {3}	15.88	17.70	8913	11394	0.278	0.286
Total Aroclor-1254			30419	27638	0.855	0.865
Average Aroclor-1254					0.285	0.288
23) L7 Aroclor-1260	13.98	18.33	5635	4225	0.162	0.132
24) L7 Aroclor-1260 {2}	14.77	18.64	5037	4429	0.124	0.123
25) L7 Aroclor-1260 {3}	17.98	22.06	1234	762	0.021	0.014 #
Total Aroclor-1260			11906	9416	0.308	0.270
Average Aroclor-1260					0.103	0.090
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

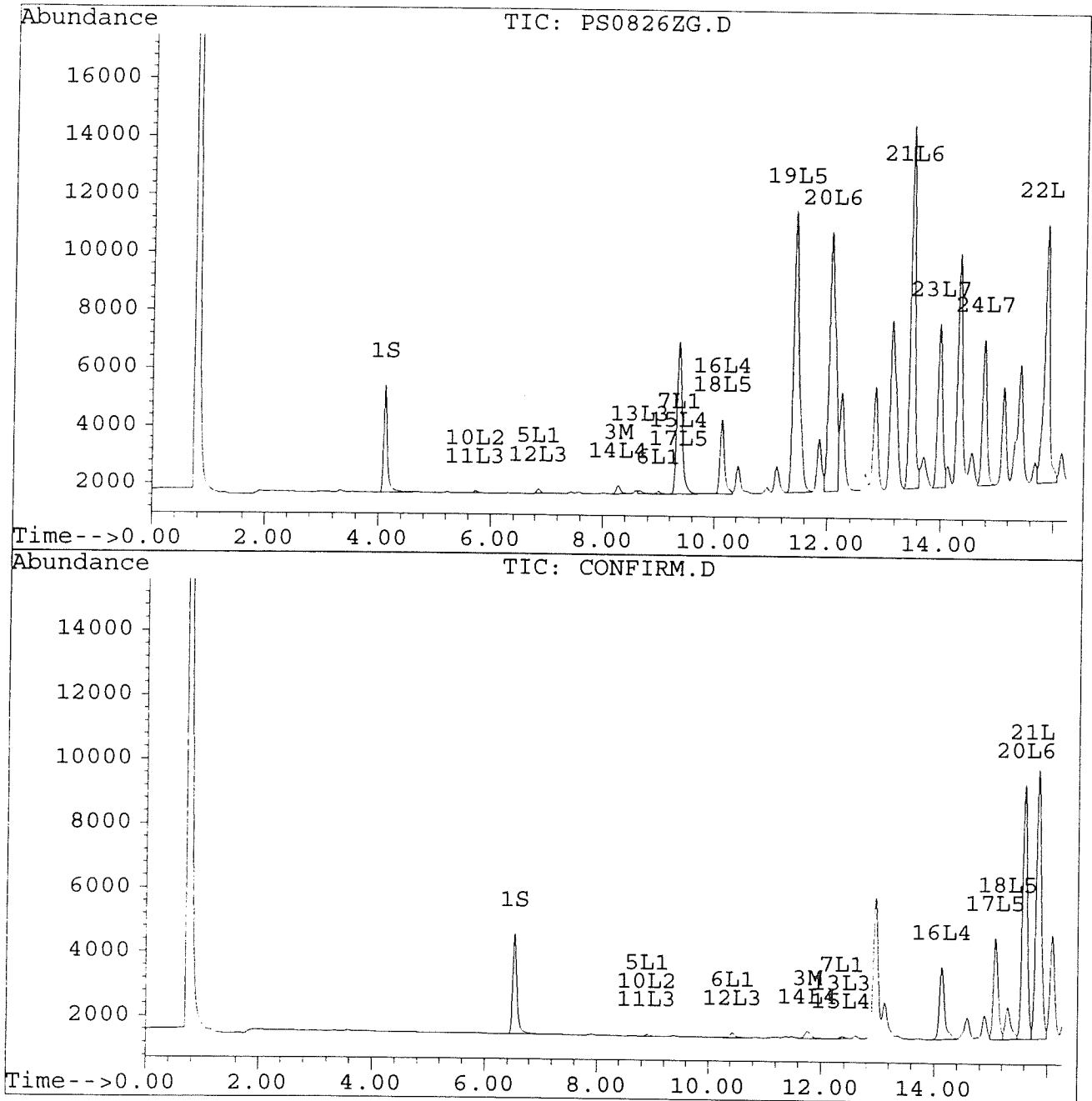
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZG.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZG.D\CONFIRM.D  
Acq On : 29 Aug 96 09:21 AM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 29 9:55 1996

Vial: 87  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



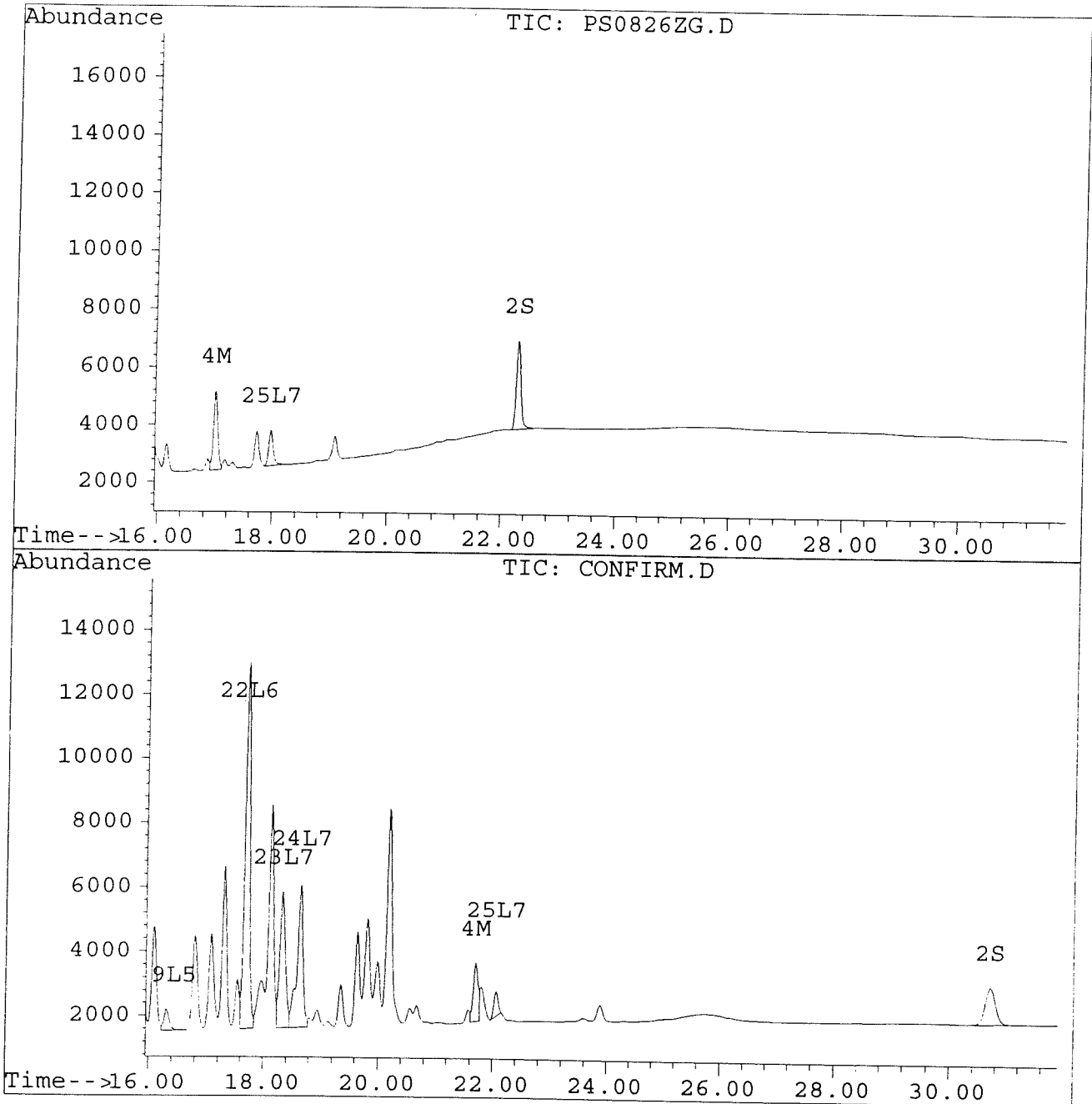
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\PS0826ZG.D  
Signal #2 : D:\HPCHEM\5\AU26A\PS0826ZG.D\CONFIRM.D  
Acq On : 29 Aug 96 09:21 AM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 29 9:55 1996

Vial: 87  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829C.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829C.D\CONFIRM.D  
 Acq On : 29 Aug 96 03:56 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 29 16:30 1996

Vial: 10  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	4200	3400	0.018	0.018
			Recovery	=	45.00%	45.00%
2) S Decachlorobiphenyl	22.30	30.72	3220	1332	0.015	0.015
			Recovery	=	37.50%	37.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	13180	9715	0.120	0.101
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	150	35	0.001	0.000 #
5) L1 Aroclor-1016	6.85	8.90	7564	3771	0.236	0.280
6) L1 Aroclor-1016 {2}	8.99	10.43	3992	6893	0.228	0.247
7) L1 Aroclor-1016 {3}	9.38	12.37	6204	4166	0.239	0.241
Total Aroclor-1016			17760	14831	0.703	0.769
Average Aroclor-1016					0.234	0.256
8) L2 Aroclor-1221	5.13	8.13	671	662	0.096	0.108
9) L2 Aroclor-1221 {2}	5.56	8.67	939	840	0.161	0.172
10) L2 Aroclor-1221 {3}	5.73	8.90	4365	3771	0.216	0.246
Total Aroclor-1221			5975	5274	0.473	0.526
Average Aroclor-1221					0.158	0.175
11) L3 Aroclor-1232	5.73	8.90	4365	3771	0.239	0.263
12) L3 Aroclor-1232 {2}	6.85	10.43	7564	6893	0.554	0.574
13) L3 Aroclor-1232 {3}	8.66	12.37	4932	4166	0.596	0.601
Total Aroclor-1232			16861	14831	1.389	1.438
Average Aroclor-1232					0.463	0.479
14) L4 Aroclor-1242	8.27	11.77	13180	9715	0.318	0.326
15) L4 Aroclor-1242 {2}	9.38	12.37	6204	4166	0.319	0.315
16) L4 Aroclor-1242 {3}	10.13	14.13	5346	4200	0.316	0.316
Total Aroclor-1242			24730	18082	0.954	0.957 ✓
Average Aroclor-1242					0.318	0.319
17) L5 Aroclor-1248	9.38	15.08	6204	3958	0.195	0.176
18) L5 Aroclor-1248 {2}	10.13	15.30	5346	4516	0.195	0.193
19) L5 Aroclor-1248 {3}	11.46	16.31	6024	3374	0.173	0.189
Total Aroclor-1248			17574	11848	0.563	0.558
Average Aroclor-1248					0.188	0.186

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829C.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829C.D\CONFIRM.D  
 Acq On : 29 Aug 96 03:56 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 29 16:30 1996

Vial: 10  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.60	0	1072	N.D.	0.040 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1357	1120	0.031	0.039
22) L6 Aroclor-1254 {3}	15.88	17.70	235	1253	0.007	0.031 #
Total Aroclor-1254			1592	3445	0.039	0.110
Average Aroclor-1254					0.019	0.037
23) L7 Aroclor-1260	13.97	18.33	763	105	0.022	0.003 #
24) L7 Aroclor-1260 {2}	14.77	0.00	168	0	0.004	N.D. #
25) L7 Aroclor-1260 {3}	17.98	22.07	27	19	0.000	0.000
Total Aroclor-1260			958	124	0.027	0.004
Average Aroclor-1260					0.009	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



Quantitation Report

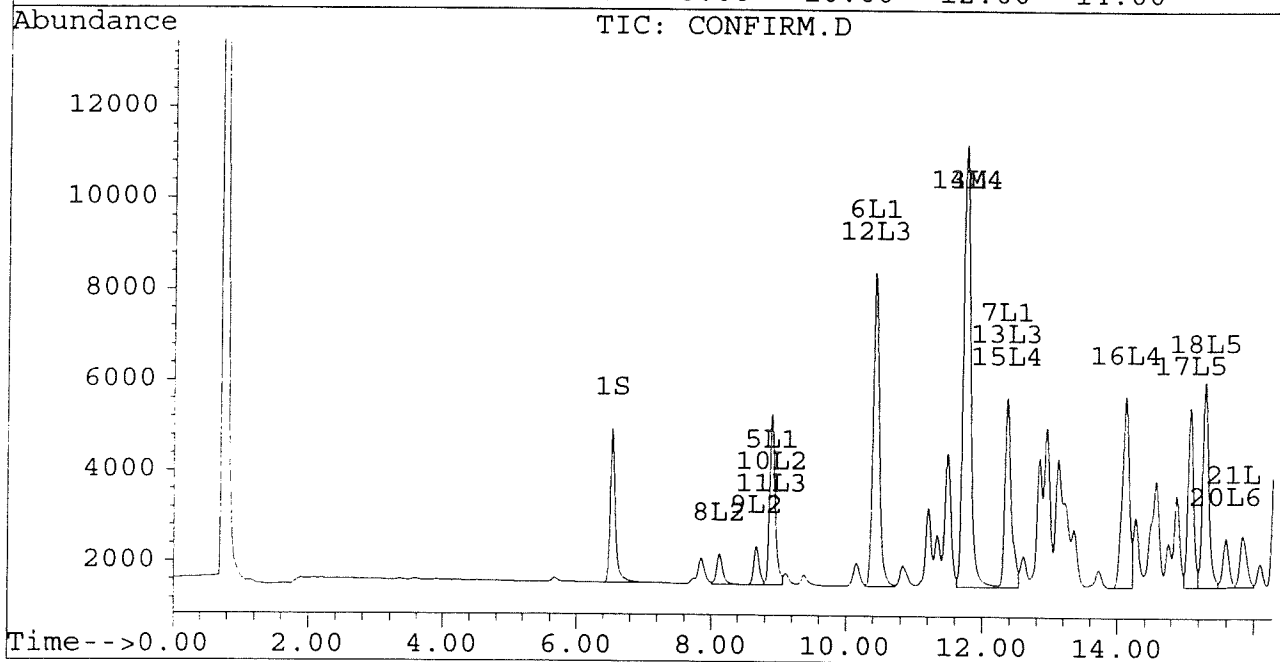
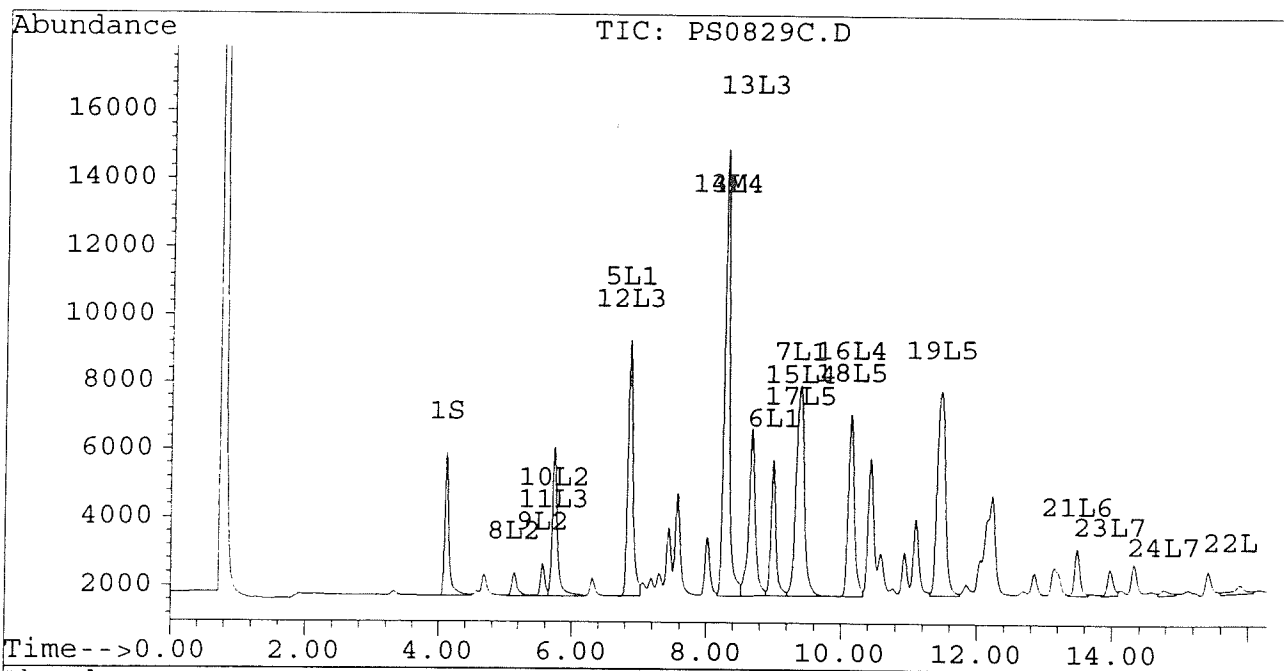
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Signal #2 : D:\HPCHEM\5\AU29\PS0829C.D\CONFIRM.D  
Acq On : 29 Aug 96 03:56 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 29 16:30 1996

Vial: 10  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



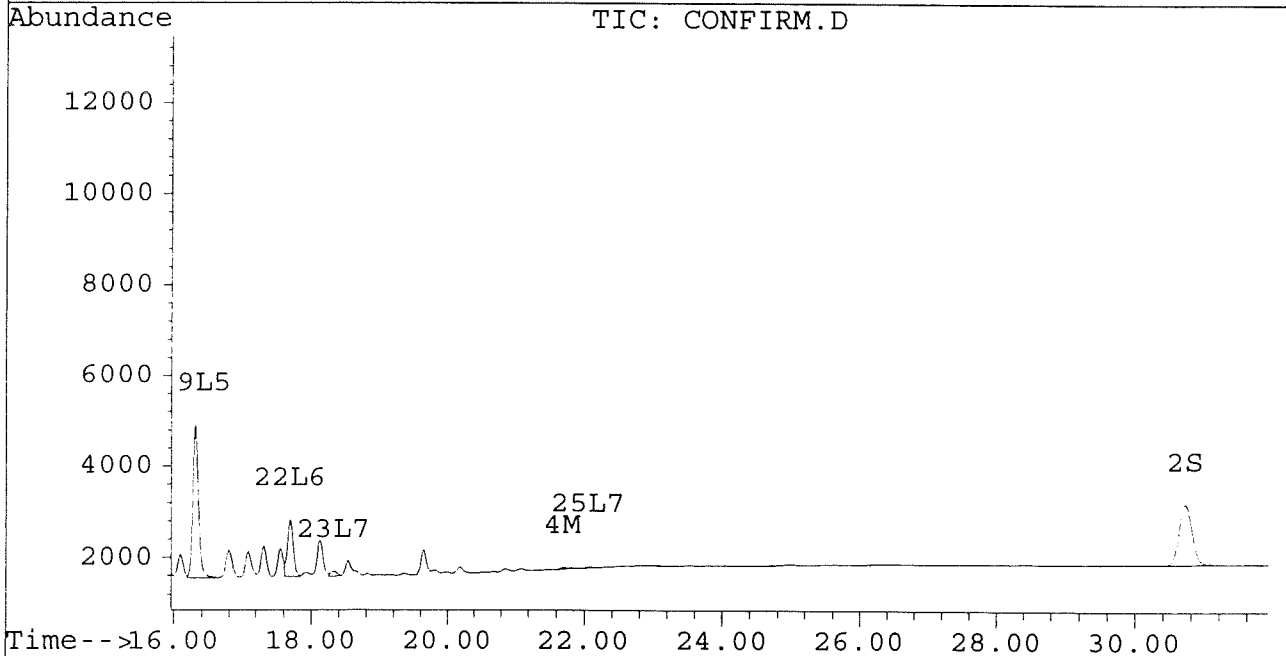
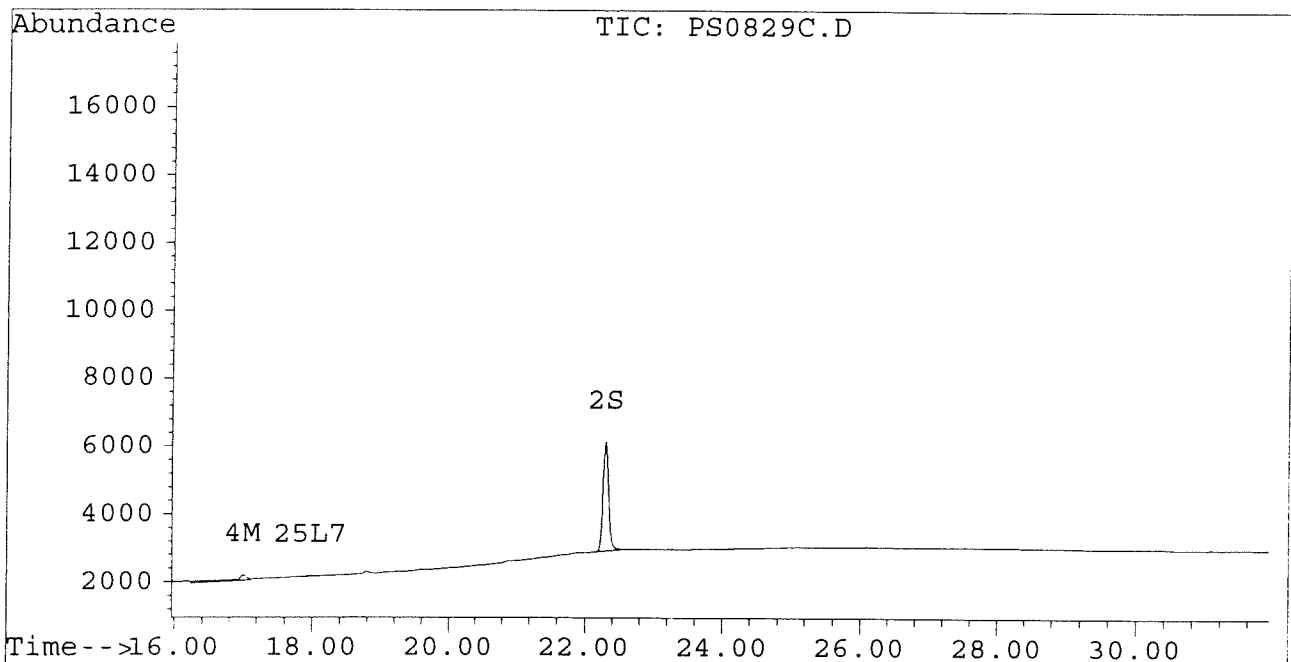
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829C.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0829C.D\CONFIRM.D  
Acq On : 29 Aug 96 03:56 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 29 16:30 1996

Vial: 10  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829D.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829D.D\CONFIRM.D  
 Acq On : 29 Aug 96 04:32 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 29 17:08 1996

Vial: 11  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	4099	3419	0.017	0.018
			Recovery	=	42.50%	45.00%
2) S Decachlorobiphenyl	22.30	30.72	3287	1353	0.016	0.015
			Recovery	=	40.00%	37.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.76	322	239	0.003	0.002
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	2950	2041	0.016	0.013
5) L1 Aroclor-1016	6.86	8.91	170	61	0.005	0.005
6) L1 Aroclor-1016 {2}	8.99	10.44	94	155	0.005	0.006
7) L1 Aroclor-1016 {3}	9.35f	12.37	5696	76	0.220	0.004 #
Total Aroclor-1016			5960	292	0.230	0.015
Average Aroclor-1016					0.077	0.005
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.91	71	61	0.004	0.004
Total Aroclor-1221			71	61	0.004	0.004
Average Aroclor-1221					0.004	0.004
11) L3 Aroclor-1232	5.73	8.91	71	61	0.004	0.004
12) L3 Aroclor-1232 {2}	6.86	10.44	170	155	0.012	0.013
13) L3 Aroclor-1232 {3}	8.66	12.37	117	76	0.014	0.011
Total Aroclor-1232			358	292	0.030	0.028
Average Aroclor-1232					0.010	0.009
14) L4 Aroclor-1242	8.28	11.76	322	239	0.008	0.008
15) L4 Aroclor-1242 {2}	9.35	12.37	5696	76	0.293	0.006 #
16) L4 Aroclor-1242 {3}	10.13	14.14	2788	2446	0.165	0.184
Total Aroclor-1242			8806	2761	0.466	0.198
Average Aroclor-1242					0.155	0.066
17) L5 Aroclor-1248	9.35	15.08	5696	3554	0.179	0.158
18) L5 Aroclor-1248 {2}	10.13	15.30	2788	1123	0.102	0.048 #
19) L5 Aroclor-1248 {3}	11.42	16.31	10503	729	0.302	0.041 #
Total Aroclor-1248			18987	5406	0.583	0.247
Average Aroclor-1248					0.194	0.082
-----						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829D.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829D.D\CONFIRM.D  
 Acq On : 29 Aug 96 04:32 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 29 17:08 1996

Vial: 11  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	9713	8573	0.311	0.317
21) L6 Aroclor-1254 {2}	13.48	15.84	13557	9219	0.314	0.317
22) L6 Aroclor-1254 {3}	15.87	17.69	9785	12696	0.305	0.319
Total Aroclor-1254			33056	30488	0.930	0.953
Average Aroclor-1254					0.310	0.318
23) L7 Aroclor-1260	13.98	18.33	6163	4569	0.178	0.143
24) L7 Aroclor-1260 {2}	14.76	18.64	5486	4939	0.135	0.137
25) L7 Aroclor-1260 {3}	17.97	22.07	1326	878	0.023	0.016 #
Total Aroclor-1260			12975	10386	0.335	0.297
Average Aroclor-1260					0.112	0.099
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

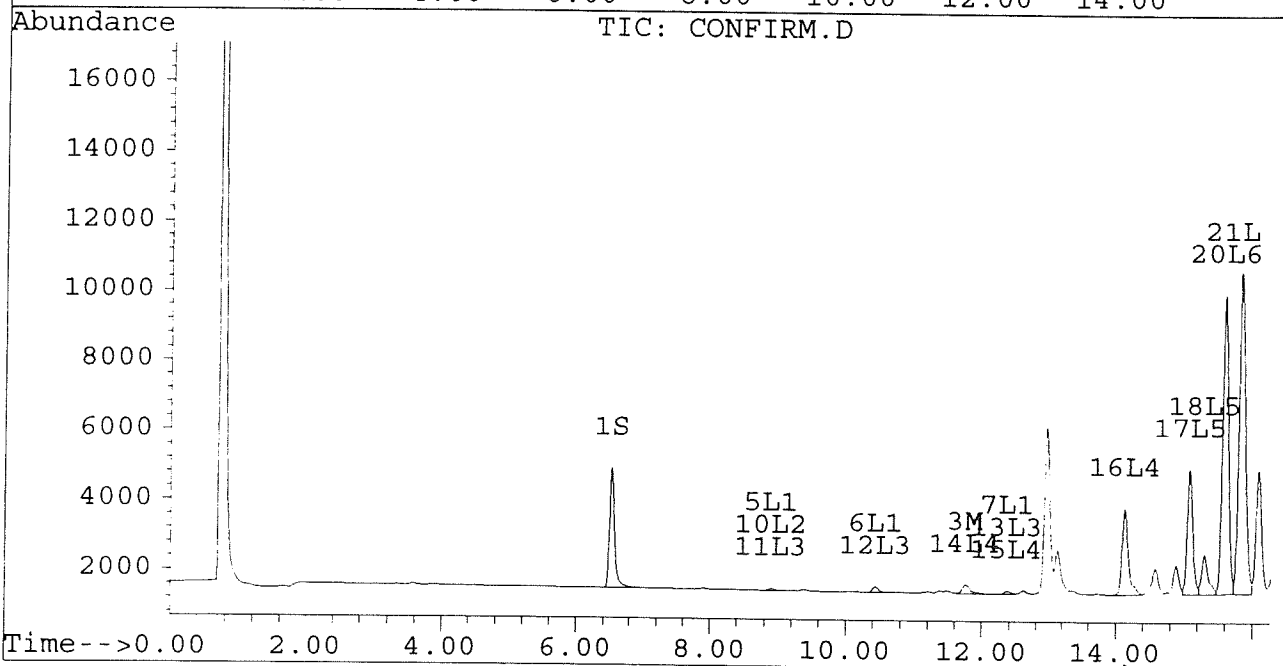
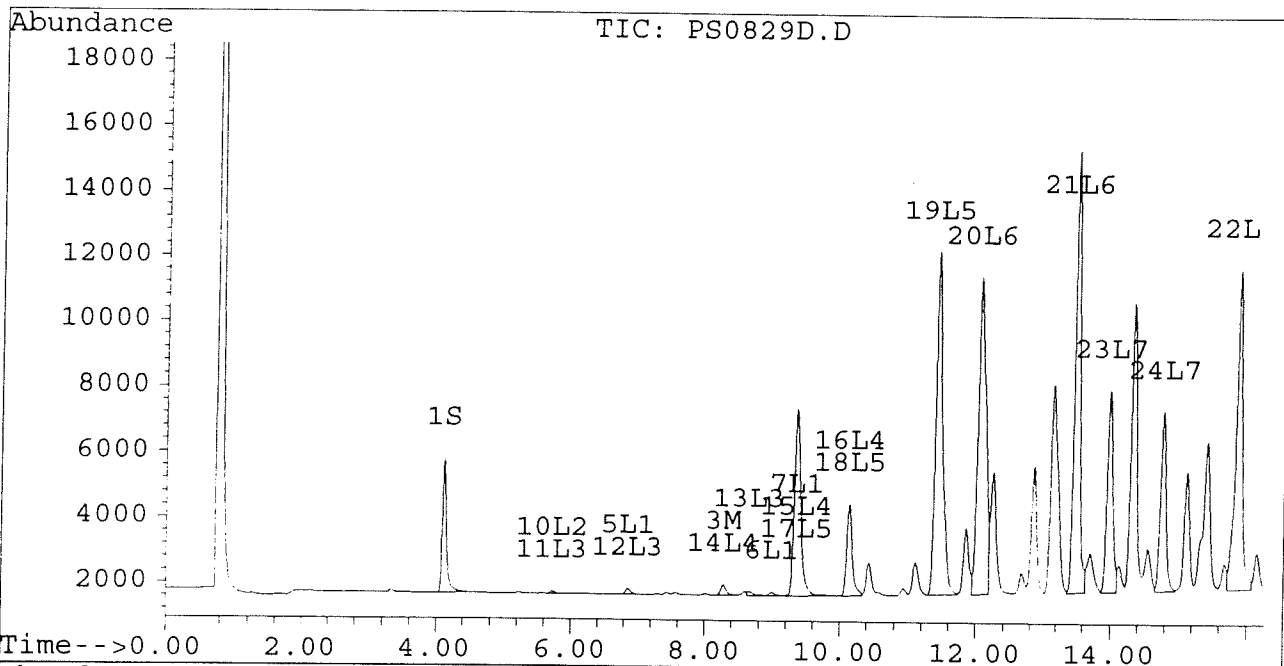
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Signal #2 : D:\HPCHEM\5\AU29\PS0829D.D\CONFIRM.D  
Acq On : 29 Aug 96 04:32 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 29 17:08 1996

Vial: 11  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



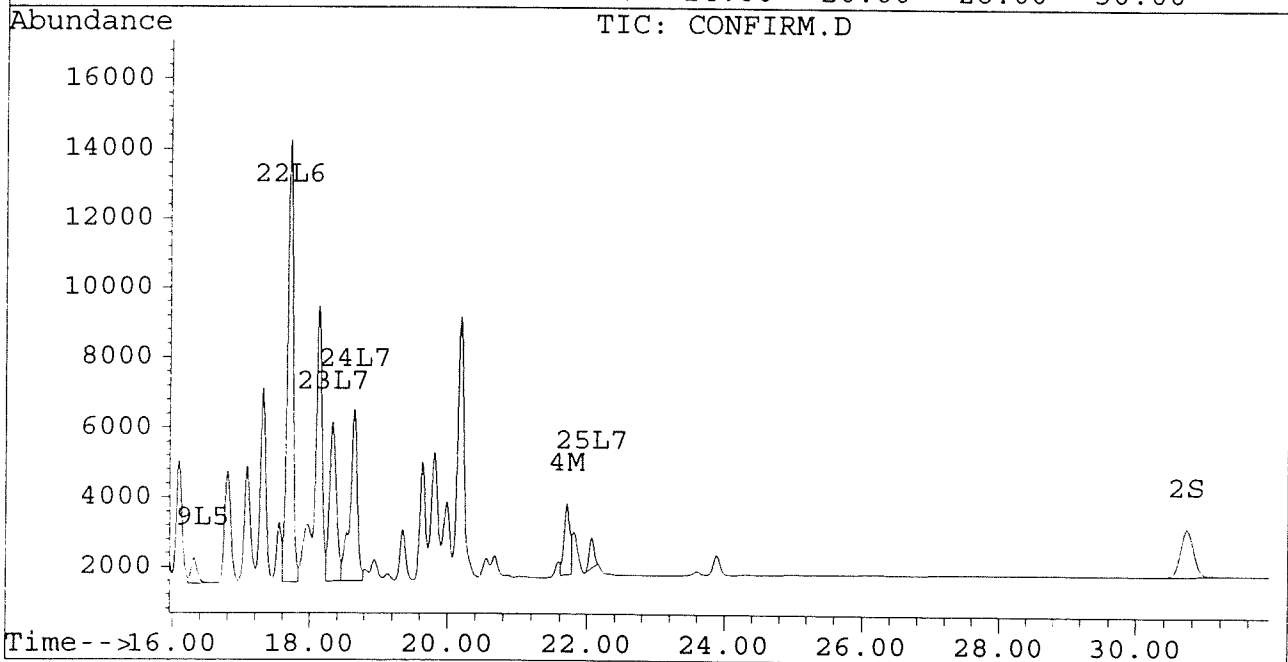
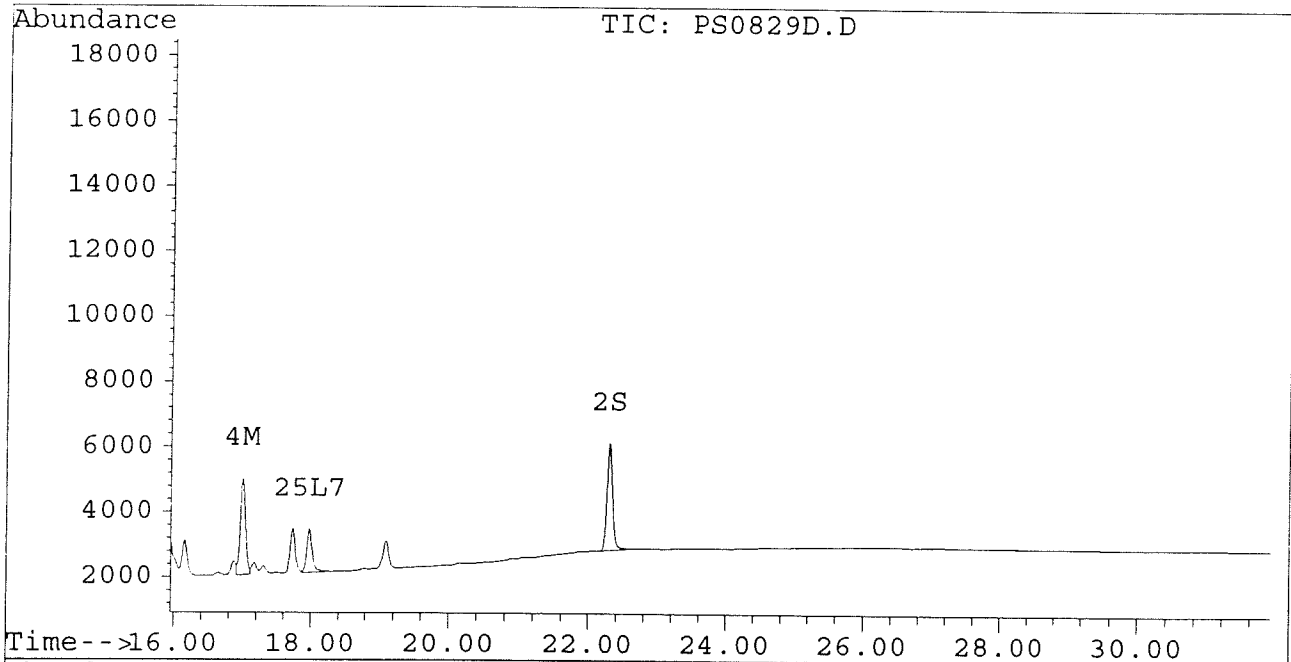
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829D.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0829D.D\CONFIRM.D  
Acq On : 29 Aug 96 04:32 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 29 17:08 1996

Vial: 11  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829F.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829F.D\CONFIRM.D  
 Acq On : 29 Aug 96 08:42 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 29 21:16 1996

Vial: 10  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	3687	3191	0.015	0.017
			Recovery	=	37.50%	42.50%
2) S Decachlorobiphenyl	22.30	30.72	2967	1287	0.014	0.015
			Recovery	=	35.00%	37.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	12748	9429	0.116	0.098
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	159	36	0.001	0.000 #
5) L1 Aroclor-1016	6.85	8.90	7280	3614	0.227	0.269
6) L1 Aroclor-1016 {2}	8.99	10.43	3895	6629	0.222	0.237
7) L1 Aroclor-1016 {3}	9.38	12.37	6065	4046	0.234	0.234
Total Aroclor-1016			17239	14288	0.683	0.740
Average Aroclor-1016					0.228	0.247
8) L2 Aroclor-1221	5.13	8.13	631	633	0.090	0.103
9) L2 Aroclor-1221 {2}	5.56	8.67	881	803	0.151	0.165
10) L2 Aroclor-1221 {3}	5.73	8.90	4144	3614	0.205	0.235
Total Aroclor-1221			5656	5049	0.446	0.503
Average Aroclor-1221					0.149	0.168
11) L3 Aroclor-1232	5.73	8.90	4144	3614	0.227	0.252
12) L3 Aroclor-1232 {2}	6.85	10.43	7280	6629	0.533	0.552
13) L3 Aroclor-1232 {3}	8.66	12.37	4781	4046	0.578	0.583
Total Aroclor-1232			16206	14288	1.338	1.387
Average Aroclor-1232					0.446	0.462
14) L4 Aroclor-1242	8.27	11.77	12748	9429	0.308	0.316
15) L4 Aroclor-1242 {2}	9.38	12.37	6065	4046	0.312	0.306
16) L4 Aroclor-1242 {3}	10.13	14.13	5199	4075	0.308	0.306
Total Aroclor-1242			24011	17550	0.927	0.929
Average Aroclor-1242					0.309	0.310
17) L5 Aroclor-1248	9.38	15.08	6065	3858	0.191	0.171
18) L5 Aroclor-1248 {2}	10.13	15.30	5199	4355	0.190	0.187
19) L5 Aroclor-1248 {3}	11.46	16.31	5853	3235	0.168	0.181
Total Aroclor-1248			17117	11448	0.549	0.539
Average Aroclor-1248					0.183	0.180

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829F.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829F.D\CONFIRM.D  
 Acq On : 29 Aug 96 08:42 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 29 21:16 1996

Vial: 10  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.05	15.60	1052	1027	0.034	0.038
21) L6 Aroclor-1254 {2}	13.49	15.84	1339	1069	0.031	0.037
22) L6 Aroclor-1254 {3}	15.88	17.70	240	1224	0.007	0.031 #
Total Aroclor-1254			2630	3320	0.072	0.105
Average Aroclor-1254					0.024	0.035
23) L7 Aroclor-1260	13.97	18.33	774	105	0.022	0.003 #
24) L7 Aroclor-1260 {2}	14.77	0.00	185	0	0.005	N.D. #
25) L7 Aroclor-1260 {3}	17.98	22.07	30	18	0.001	0.000 #
Total Aroclor-1260			989	123	0.027	0.004
Average Aroclor-1260					0.009	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



Quantitation Report

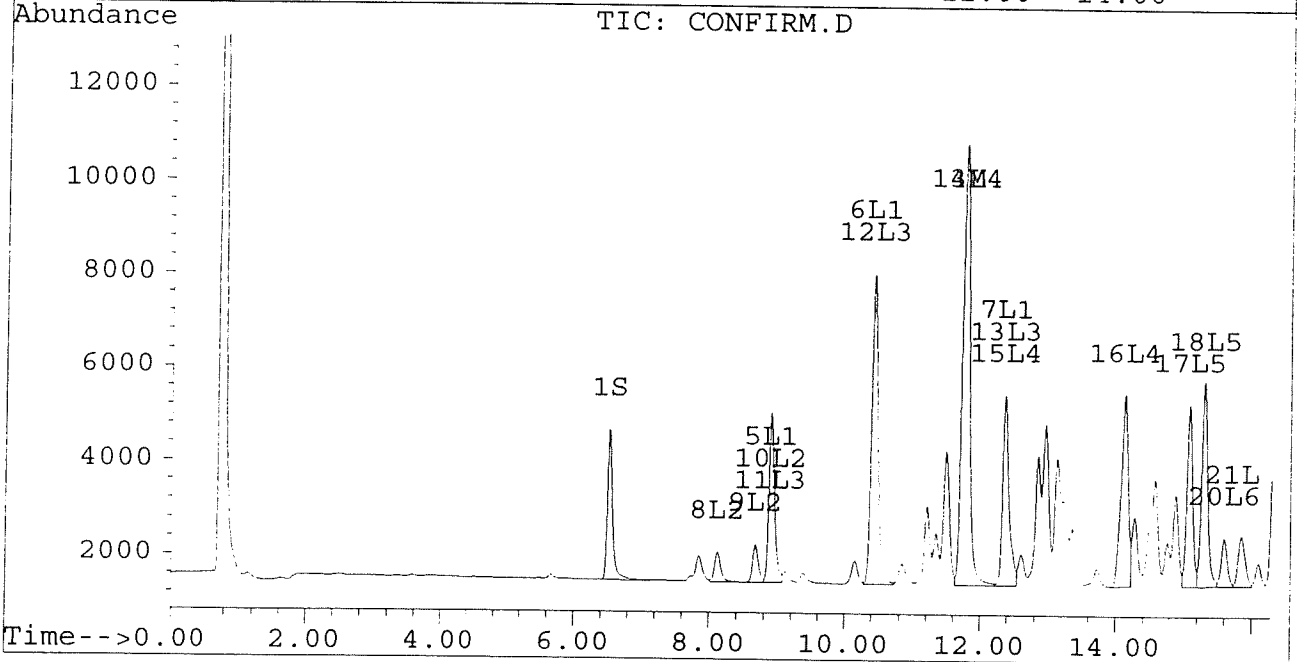
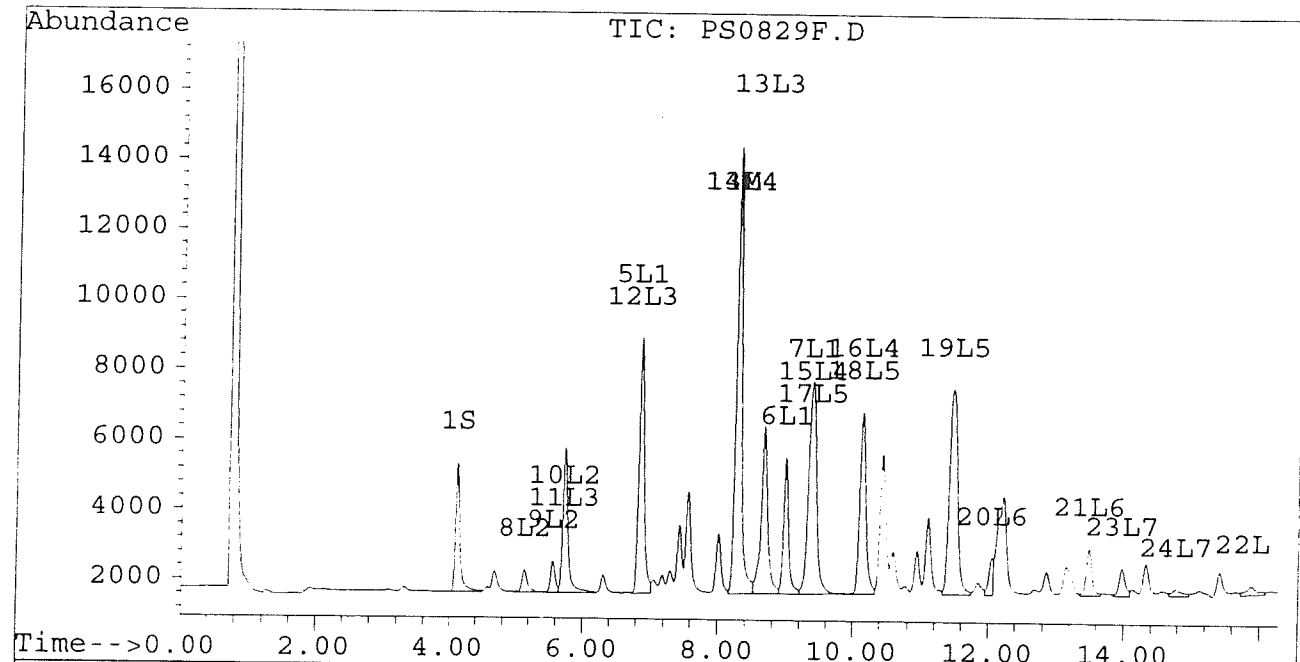
Signal #1 : D:\HPCHEM\5\AU29\PS0829F.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0829F.D\CONFIRM.D  
Acq On : 29 Aug 96 08:42 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 29 21:16 1996

Vial: 10  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829G.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829G.D\CONFIRM.D  
 Acq On : 29 Aug 96 09:18 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 15:45 1996

Vial: 11  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	3670	3036	0.015	0.016
			Recovery	=	37.50%	40.00%
2) S Decachlorobiphenyl	22.30	30.72	2964	1276	0.014	0.014
			Recovery	=	35.00%	35.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.76	288	217	0.003	0.002
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	2650	1839	0.014	0.012
5) L1 Aroclor-1016	6.86	8.91	156	56	0.005	0.004
6) L1 Aroclor-1016 {2}	8.99	10.44	85	139	0.005	0.005
7) L1 Aroclor-1016 {3}	9.35f	12.37	5186	71	0.200	0.004 #
Total Aroclor-1016			5427	266	0.210	0.013
Average Aroclor-1016					0.070	0.004
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.91	64	56	0.003	0.004
Total Aroclor-1221			64	56	0.003	0.004
Average Aroclor-1221					0.003	0.004
11) L3 Aroclor-1232	5.73	8.91	64	56	0.003	0.004
12) L3 Aroclor-1232 {2}	6.86	10.44	156	139	0.011	0.012
13) L3 Aroclor-1232 {3}	8.66	12.37	106	71	0.013	0.010
Total Aroclor-1232			325	266	0.028	0.026
Average Aroclor-1232					0.009	0.009
14) L4 Aroclor-1242	8.27	11.76	288	217	0.007	0.007
15) L4 Aroclor-1242 {2}	9.35	12.37	5186	71	0.267	0.005 #
16) L4 Aroclor-1242 {3}	10.13	14.14	2529	2232	0.150	0.168
Total Aroclor-1242			8004	2521	0.423	0.180
Average Aroclor-1242					0.141	0.060
17) L5 Aroclor-1248	9.35	15.08	5186	3198	0.163	0.142
18) L5 Aroclor-1248 {2}	10.13	15.30	2529	1010	0.092	0.043 #
19) L5 Aroclor-1248 {3}	11.42	16.31	9564	671	0.275	0.038 #
Total Aroclor-1248			17280	4879	0.530	0.223
Average Aroclor-1248					0.177	0.074

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829G.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829G.D\CONFIRM.D  
 Acq On : 29 Aug 96 09:18 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 15:45 1996

Vial: 11  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	8822	7836	0.282	0.290
21) L6 Aroclor-1254 {2}	13.48	15.84	12363	8328	0.286m	0.286
22) L6 Aroclor-1254 {3}	15.87	17.70	8879	11350	0.276m	0.285
Total Aroclor-1254			30064	27513	0.845 ✓	0.861 ✓
Average Aroclor-1254					0.282	0.287
23) L7 Aroclor-1260	13.98	18.33	5625	4179	0.162	0.131
24) L7 Aroclor-1260 {2}	14.77	18.64	5039	4551	0.124	0.127
25) L7 Aroclor-1260 {3}	17.97	22.07	1212	787	0.021	0.015 #
Total Aroclor-1260			11876	9517	0.307	0.272
Average Aroclor-1260					0.102	0.091
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

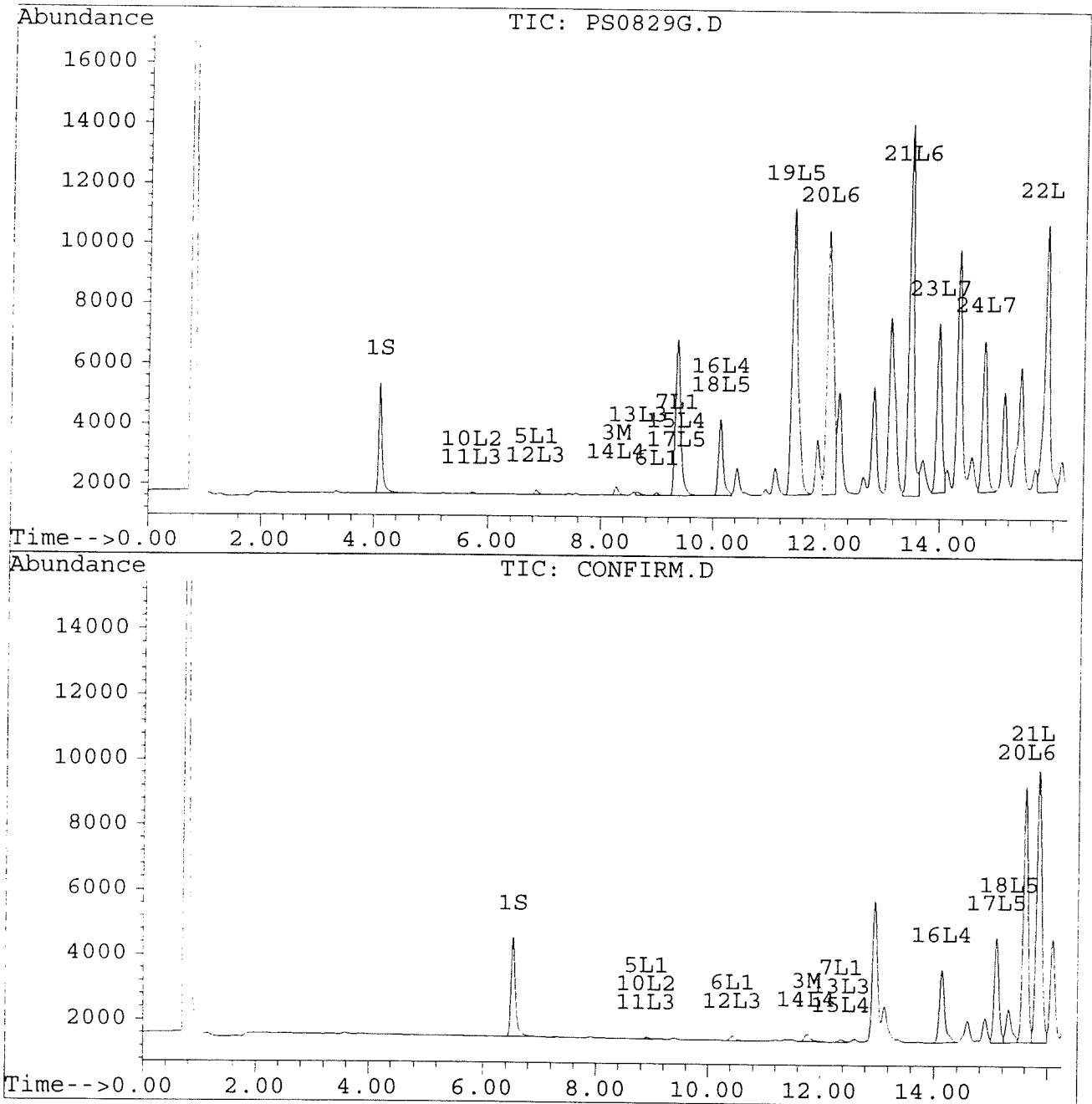
Signal #1 : D:\HPCHEM\5\AU29\PS0829G.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0829G.D\CONFIRM.D  
Acq On : 29 Aug 96 09:18 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 30 15:45 1996

Vial: 11  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



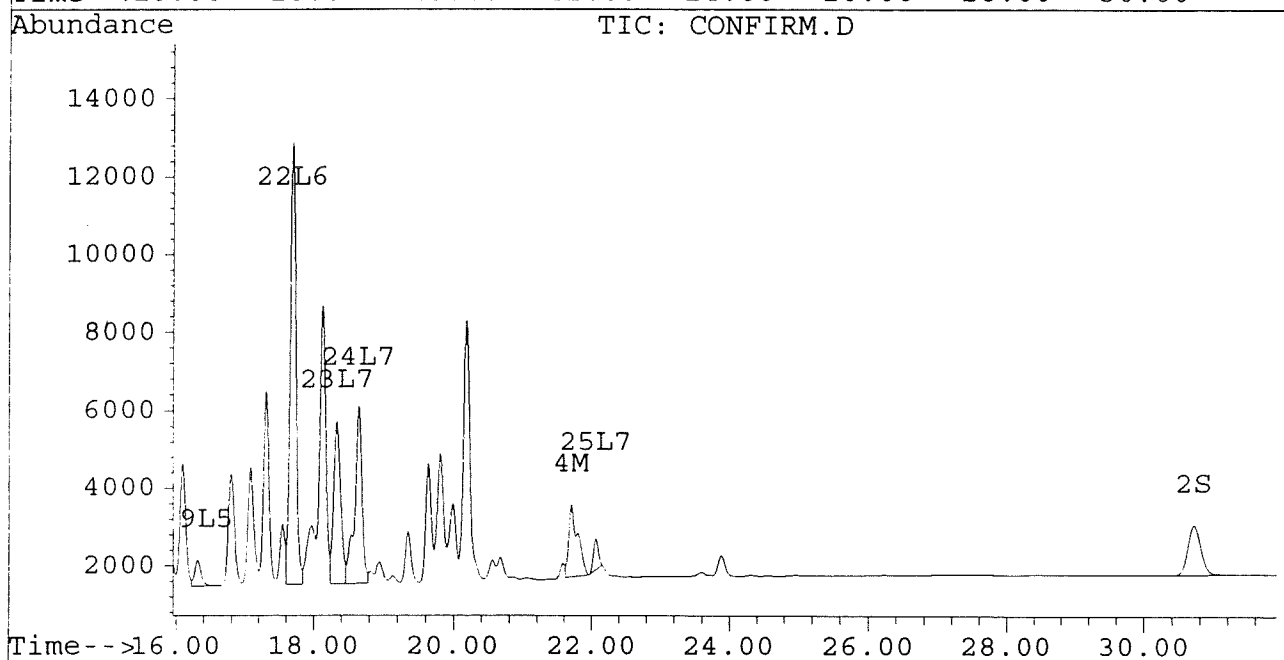
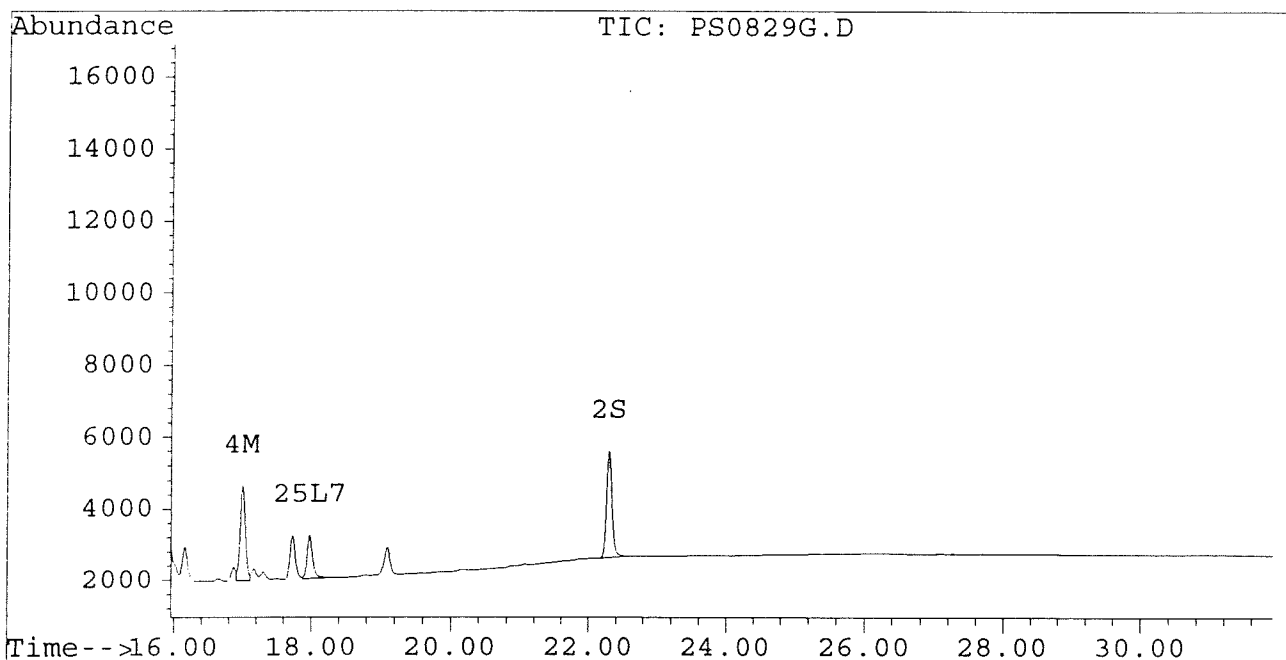
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829G.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0829G.D\CONFIRM.D  
Acq On : 29 Aug 96 09:18 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 30 15:45 1996

Vial: 11  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829H.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829H.D\CONFIRM.D  
 Acq On : 29 Aug 96 09:53 PM  
 Sample : PCB COGENERATORS 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 29 22:27 1996

Vial: 17  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4392	3730	0.018	0.020
			Recovery	=	45.00%	50.00%
2) S Decachlorobiphenyl	22.30	30.73	3226	1375	0.015	0.016
			Recovery	=	37.50%	40.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.79	25542	23631	0.233	0.247
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	42860	37294	0.229	0.238
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.36	0.00	24	0	0.001	N.D. #
Total Aroclor-1016			24	0	0.001	N.D.
Average Aroclor-1016					0.001	0.000
8) L2 Aroclor-1221	5.12	8.12	41	74	0.006	0.012 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			41	74	0.006	0.012
Average Aroclor-1221					0.006	0.012
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.28	11.79	25542	23631	0.617	0.793 #
15) L4 Aroclor-1242 {2}	9.36	0.00	24	0	0.001	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			25566	23631	0.618	0.793
Average Aroclor-1242					0.309	0.793
17) L5 Aroclor-1248	9.36	0.00	24	0	0.001	N.D. #
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	16.32	0	32	N.D.	0.002 #
Total Aroclor-1248			24	32	0.001	0.002
Average Aroclor-1248					0.001	0.002

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829H.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829H.D\CONFIRM.D  
 Acq On : 29 Aug 96 09:53 PM  
 Sample : PCB COGENERES 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 29 22:27 1996

Vial: 17  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	13.97	0.00	211	0	0.006	N.D. #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	17.98	0.00	46	0	0.001	N.D. #
Total Aroclor-1260			257	0	0.007	N.D.
Average Aroclor-1260					0.003	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

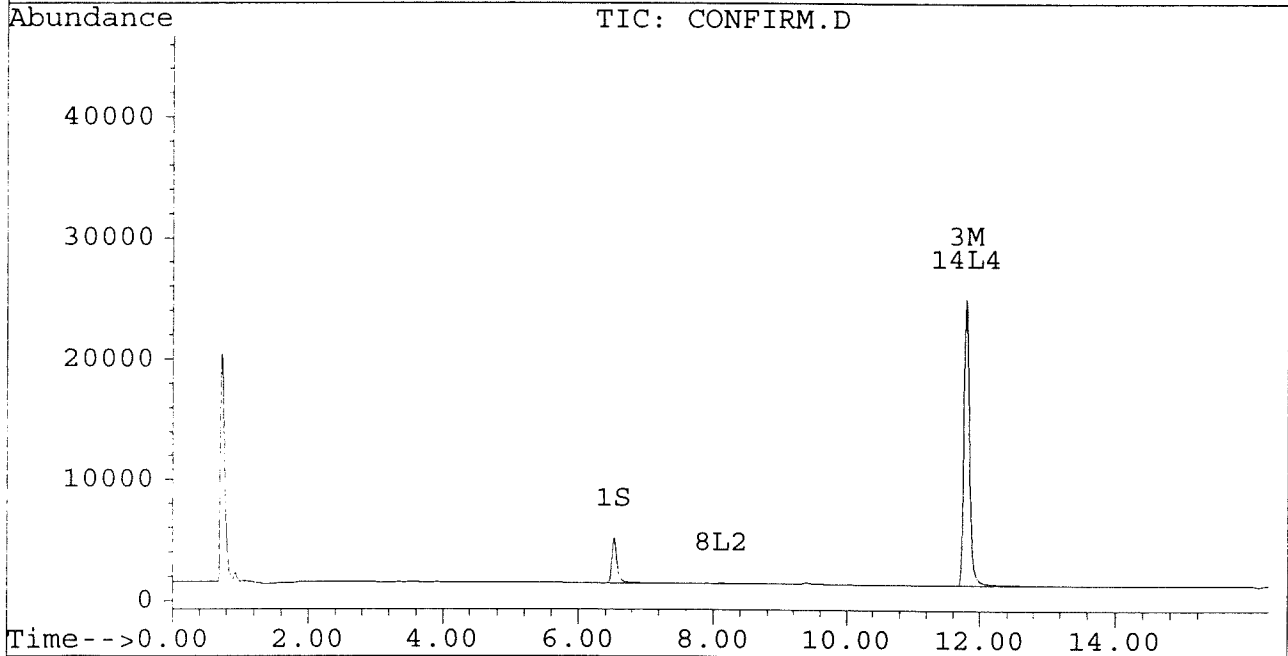
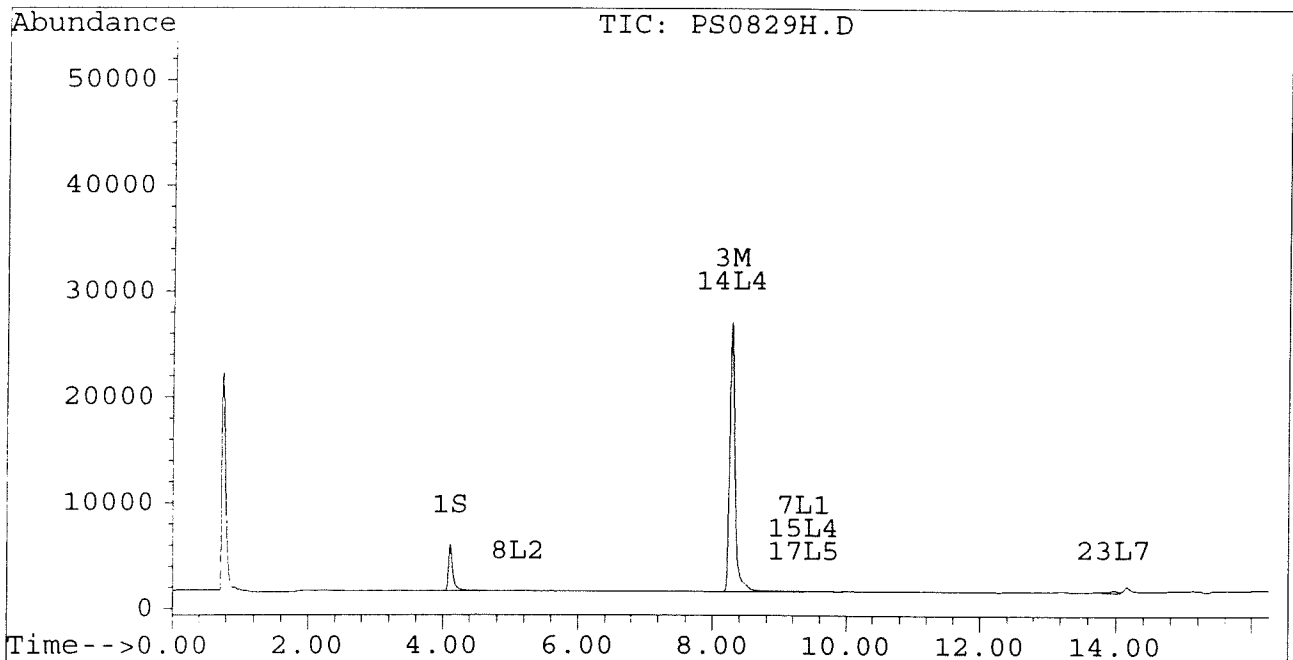
Signal #1 : D:\HPCHEM\5\AU29\PS0829H.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0829H.D\CONFIRM.D  
Acq On : 29 Aug 96 09:53 PM  
Sample : PCB COGENERATORS 0.25 UG/ML  
Misc :  
Quant Time: Aug 29 22:27 1996

Vial: 17  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM





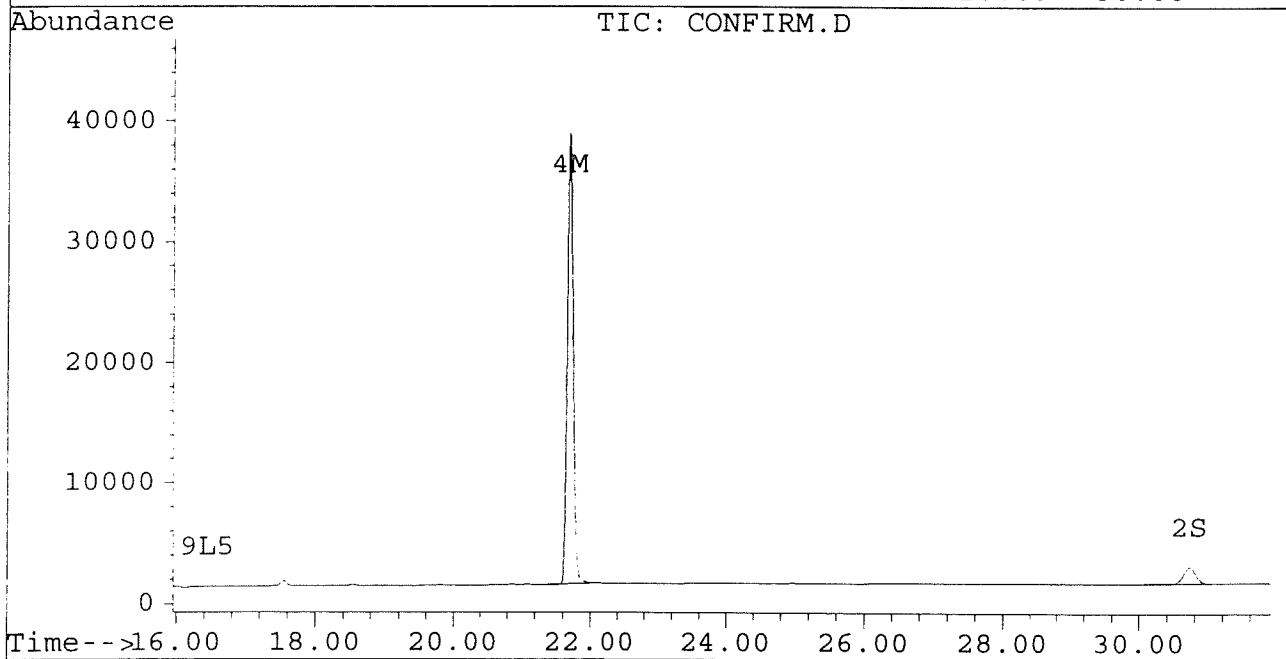
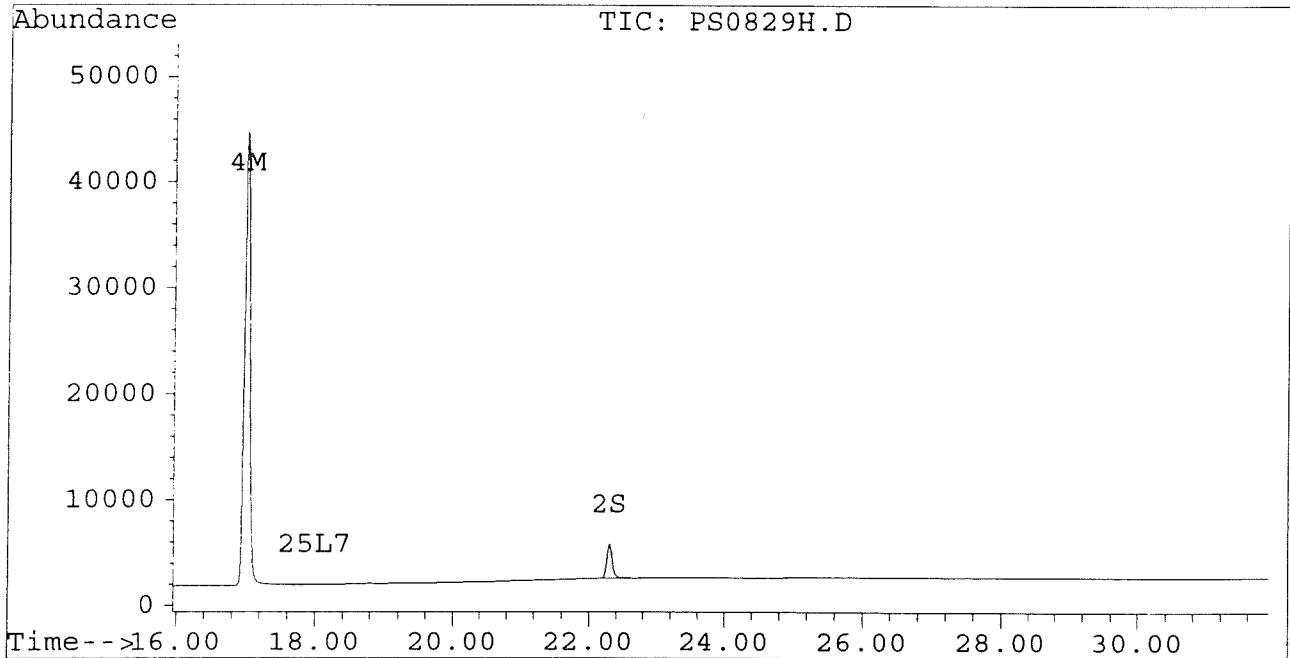
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829H.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0829H.D\CONFIRM.D  
Acq On : 29 Aug 96 09:53 PM  
Sample : PCB COGENERES 0.25 UG/ML  
Misc :  
Quant Time: Aug 29 22:27 1996

Vial: 17  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829I.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829I.D\CONFIRM.D  
 Acq On : 30 Aug 96 04:24 AM  
 Sample : PCB COGENERES 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 30 4:58 1996

Vial: 17  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4554	3730	0.019	0.020
			Recovery	=	47.50%	50.00%
2) S Decachlorobiphenyl	22.30	30.72	3391	1468	0.016	0.017
			Recovery	=	40.00%	42.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.79	25799	23611	0.236	0.247
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	43065	37472	0.230	0.239
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.37	0.00	21	0	0.001	N.D. #
Total Aroclor-1016			21	0	0.001	N.D.
Average Aroclor-1016					0.001	0.000
8) L2 Aroclor-1221	5.12	8.12	42	65	0.006	0.011 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			42	65	0.006	0.011
Average Aroclor-1221					0.006	0.011
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.28	11.79	25799	23611	0.623	0.792 #
15) L4 Aroclor-1242 {2}	9.37	0.00	21	0	0.001	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			25821	23611	0.624	0.792
Average Aroclor-1242					0.312	0.792
17) L5 Aroclor-1248	9.37	0.00	21	0	0.001	N.D. #
18) L5 Aroclor-1248 {2}	0.00	15.33	0	87	N.D.	0.004 #
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			21	87	0.001	0.004
Average Aroclor-1248					0.001	0.004

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829I.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829I.D\CONFIRM.D  
 Acq On : 30 Aug 96 04:24 AM  
 Sample : PCB COGENERES 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 30 4:58 1996

Vial: 17  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	15.85	0	136	N.D.	0.005 #
22) L6 Aroclor-1254 {3}	15.89	0.00	179	0	0.006	N.D. #
Total Aroclor-1254			179	136	0.006	0.005
Average Aroclor-1254					0.006	0.005
23) L7 Aroclor-1260	13.97	0.00	258	0	0.007	N.D. #
24) L7 Aroclor-1260 {2}	14.76	0.00	177	0	0.004	N.D. #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			435	0	0.012	N.D.
Average Aroclor-1260					0.006	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

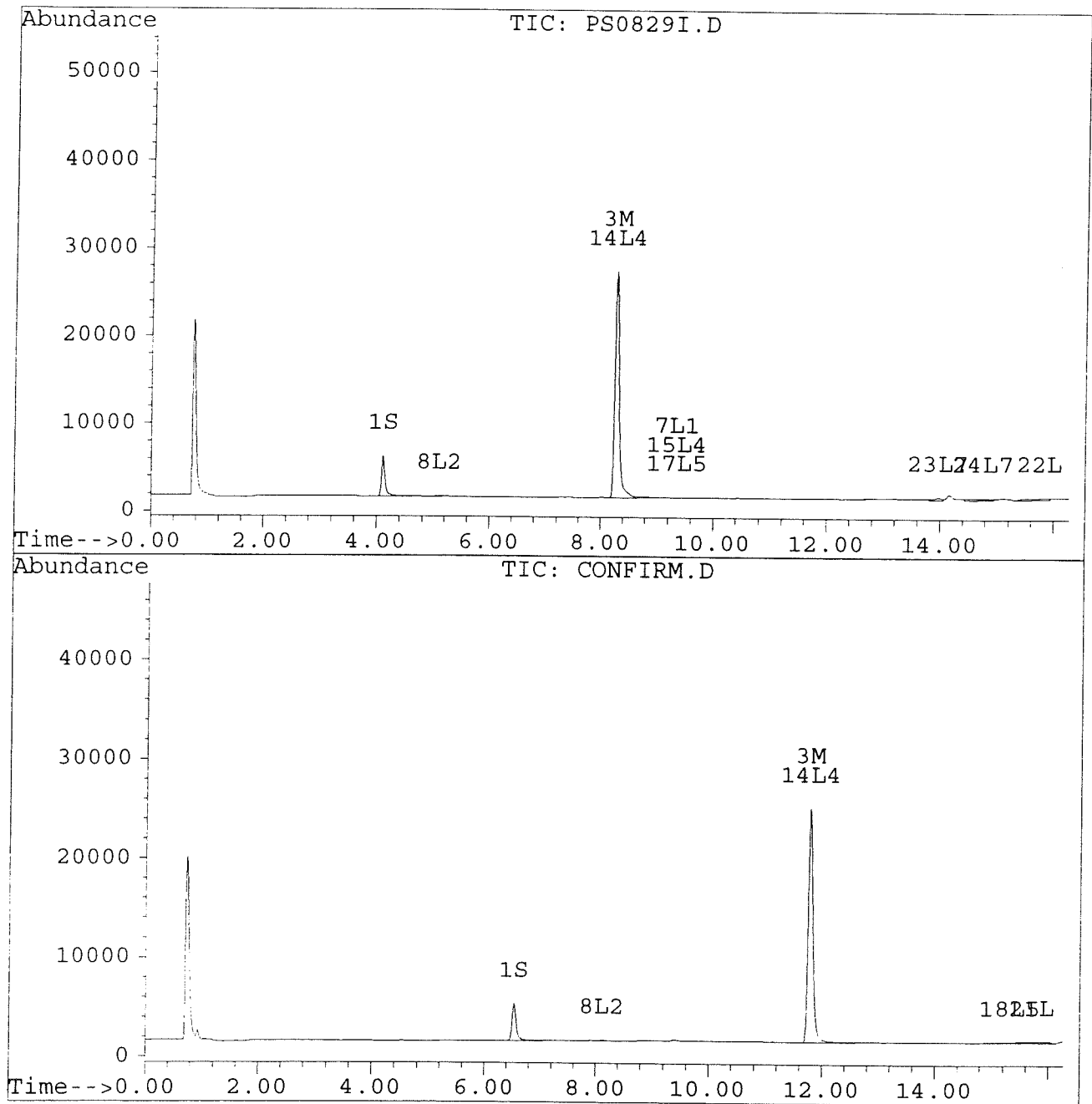
Signal #1 : D:\HPCHEM\5\AU29\PS0829I.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0829I.D\CONFIRM.D  
Acq On : 30 Aug 96 04:24 AM  
Sample : PCB COGENERATORS 0.25 UG/ML  
Misc :  
Quant Time: Aug 30 4:58 1996

Vial: 17  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

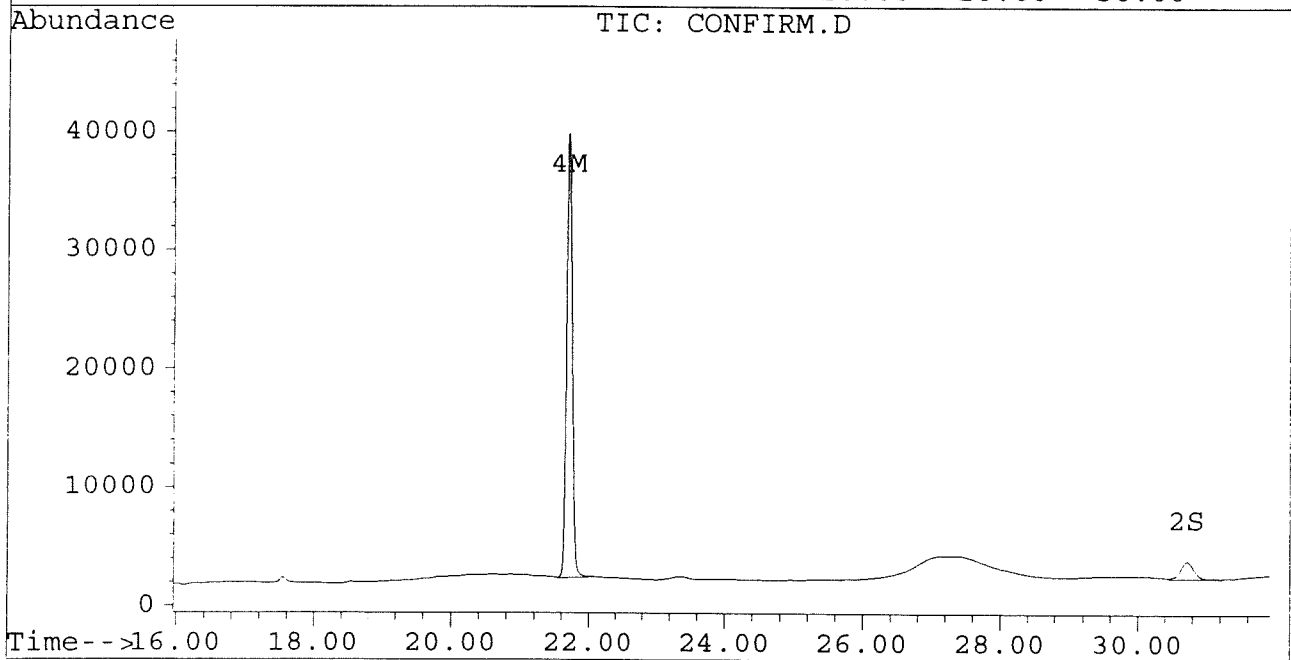
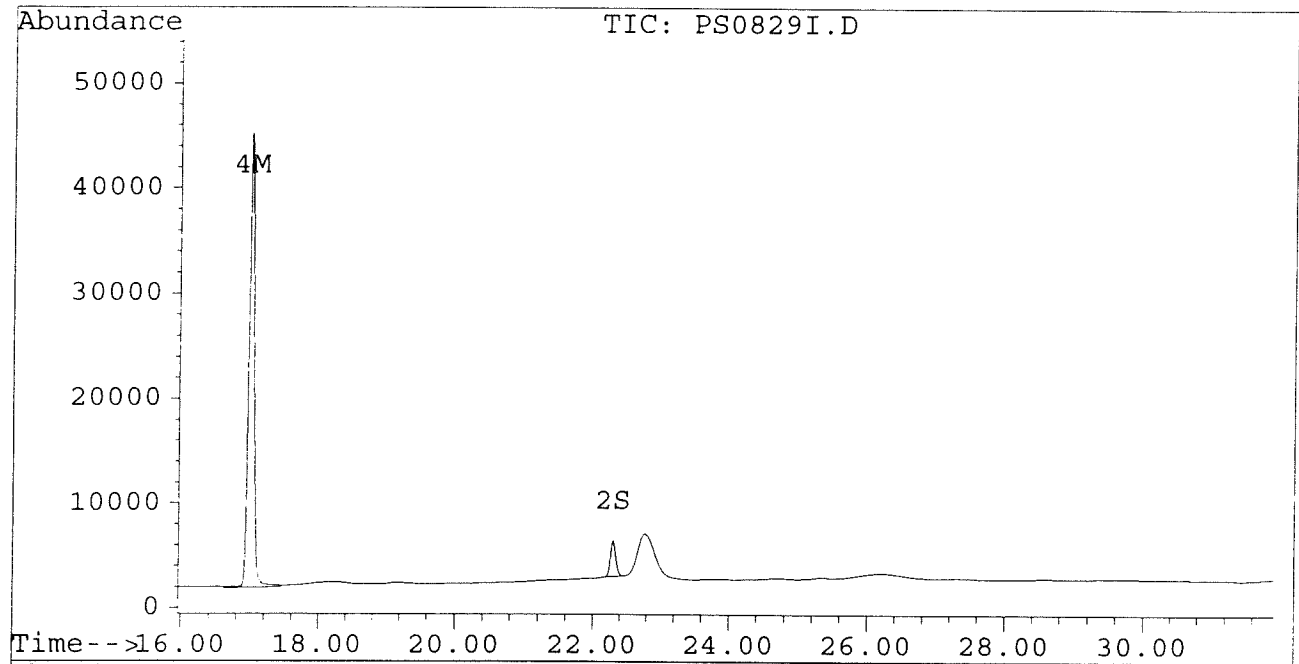
Signal #1 : D:\HPCHEM\5\AU29\PS0829I.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0829I.D\CONFIRM.D  
Acq On : 30 Aug 96 04:24 AM  
Sample : PCB COGENERS 0.25 UG/ML  
Misc :  
Quant Time: Aug 30 4:58 1996

Vial: 17  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829J.D Vial: 10  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829J.D\CONFIRM.D  
 Acq On : 30 Aug 96 05:00 AM Operator: JS  
 Sample : AR1242 1.0 UG/ML Inst : ECD1  
 Misc : Multiplr: 1.00  
 Quant Time: Aug 30 15:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	3590	2935	0.015	0.015
			Recovery	=	37.50%	37.50%
2) S Decachlorobiphenyl	22.30	30.73	2792	1314	0.013	0.015
			Recovery	=	32.50%	37.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	11602	8476	0.106	0.088
4) M 2,2',3,3',4,4'-Hexa	17.00	21.70	136	163	0.001	0.001 #
5) L1 Aroclor-1016	6.85	8.90	6740	3311	0.211	0.246
6) L1 Aroclor-1016 {2}	8.99	10.43	3504	6080	0.200	0.218
7) L1 Aroclor-1016 {3}	9.38	12.37	5540	3668	0.214	0.213
Total Aroclor-1016			15785	13058	0.624	0.676
Average Aroclor-1016					0.208	0.225
8) L2 Aroclor-1221	5.13	8.13	587	574	0.084	0.094
9) L2 Aroclor-1221 {2}	5.56	8.67	823	730	0.141	0.150
10) L2 Aroclor-1221 {3}	5.73	8.90	3853	3311	0.191	0.216
Total Aroclor-1221			5263	4615	0.416	0.459
Average Aroclor-1221					0.139	0.153
11) L3 Aroclor-1232	5.73	8.90	3853	3311	0.211	0.231
12) L3 Aroclor-1232 {2}	6.85	10.43	6740	6080	0.494	0.506
13) L3 Aroclor-1232 {3}	8.66	12.37	4315	3668	0.521	0.529
Total Aroclor-1232			14908	13058	1.226	1.266
Average Aroclor-1232					0.409	0.422
14) L4 Aroclor-1242	8.27	11.77	11602	8525	0.280	0.286m
15) L4 Aroclor-1242 {2}	9.38	12.37	5540	3730	0.285	0.282m
16) L4 Aroclor-1242 {3}	10.13	14.13	4748	3766	0.281	0.283m
Total Aroclor-1242			21891	16021	0.846	0.851
Average Aroclor-1242					0.282	0.284
17) L5 Aroclor-1248	9.38	15.09	5540	3503	0.174	0.156
18) L5 Aroclor-1248 {2}	10.13	15.30	4748	3981	0.173	0.171
19) L5 Aroclor-1248 {3}	11.46	16.31	5318	2975	0.153	0.167
Total Aroclor-1248			15606	10459	0.500	0.493
Average Aroclor-1248					0.167	0.164

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829J.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829J.D\CONFIRM.D  
 Acq On : 30 Aug 96 05:00 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 15:54 1996

Vial: 10  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.60	0	960	N.D.	0.036 #
21) L6 Aroclor-1254 {2}	13.49	15.84	1211	1023	0.028	0.035 #
22) L6 Aroclor-1254 {3}	15.88	17.70	216	1142	0.007	0.029 #
Total Aroclor-1254			1428	3125	0.035	0.099
Average Aroclor-1254					0.017	0.033
23) L7 Aroclor-1260	13.97	18.33	703	79	0.020	0.002 #
24) L7 Aroclor-1260 {2}	14.77	0.00	177	0	0.004	N.D. #
25) L7 Aroclor-1260 {3}	17.98	22.05	21	60	0.000	0.001 #
Total Aroclor-1260			901	139	0.025	0.004
Average Aroclor-1260					0.008	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

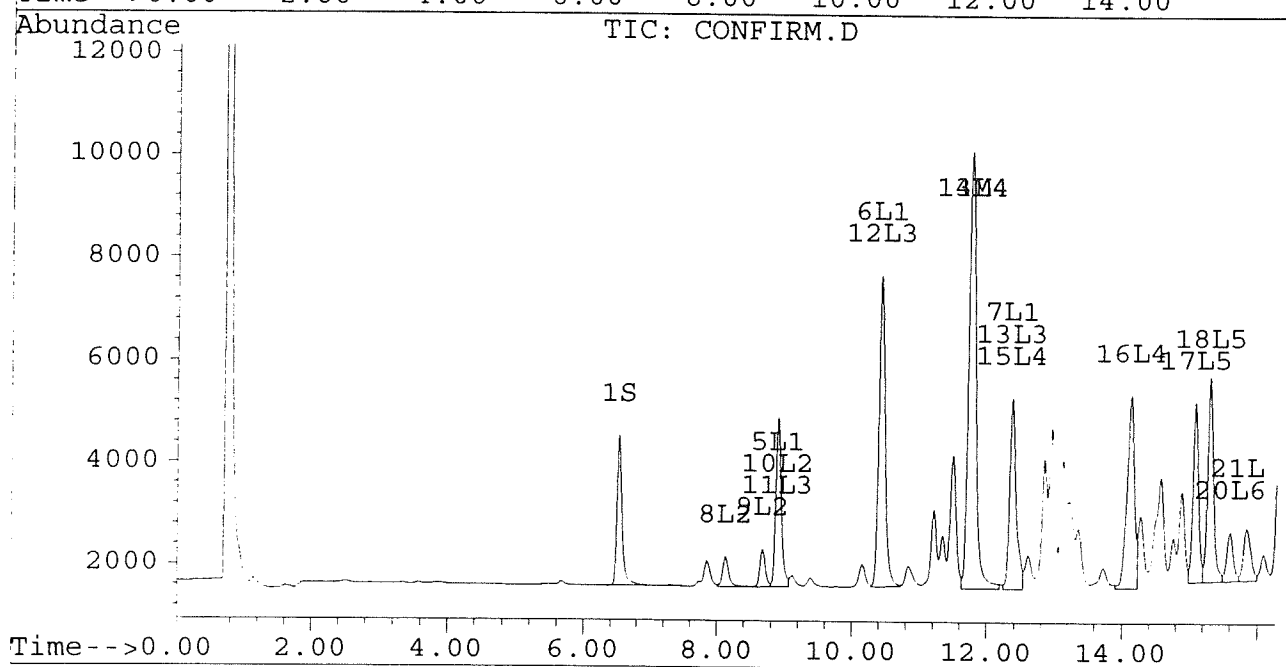
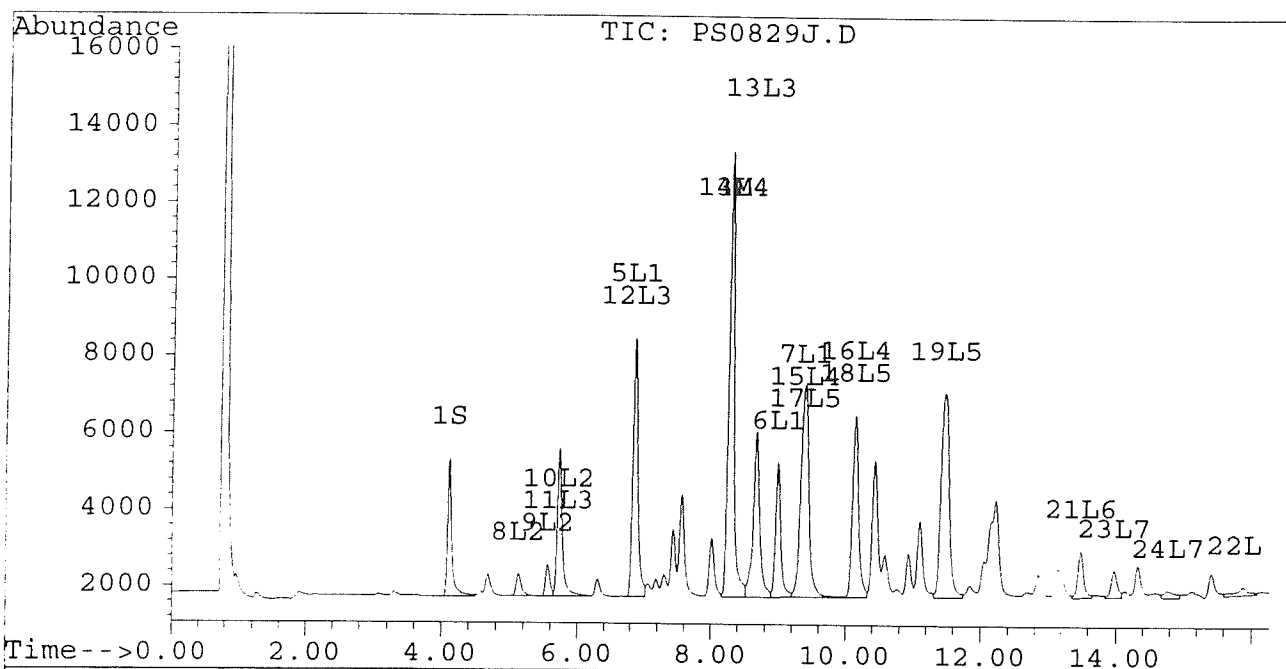
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829J.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0829J.D\CONFIRM.D  
Acq On : 30 Aug 96 05:00 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 30 15:54 1996

Vial: 10  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM





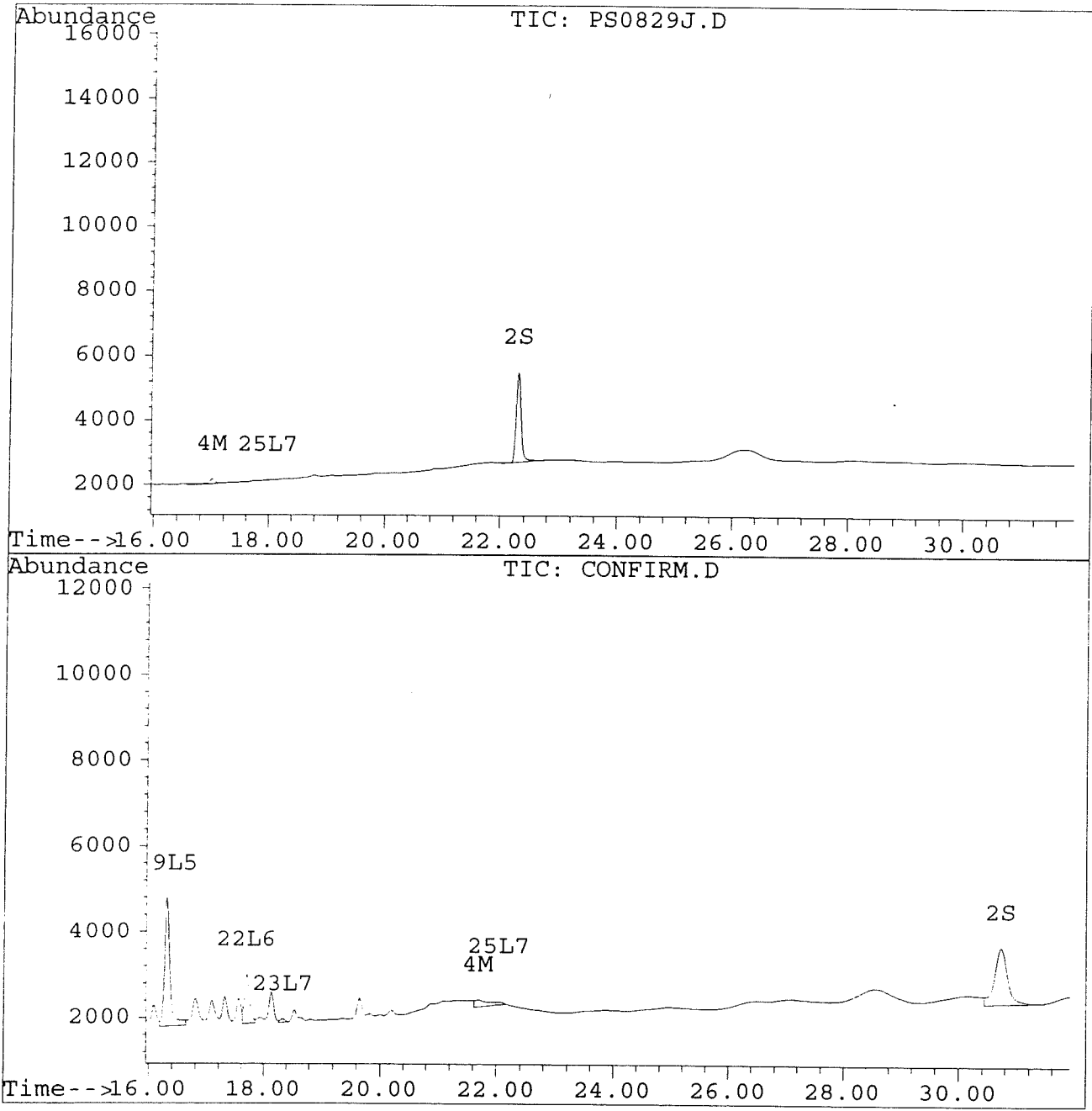
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829J.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0829J.D\CONFIRM.D  
Acq On : 30 Aug 96 05:00 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 30 15:54 1996

Vial: 10  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829K.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829K.D\CONFIRM.D  
 Acq On : 30 Aug 96 05:35 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 6:09 1996

Vial: 11  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	3858	3204	0.016	0.017
			Recovery	=	40.00%	42.50%
2) S Decachlorobiphenyl	22.30	30.73	3099	1300	0.015	0.015
			Recovery	=	37.50%	37.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.77	302	225	0.003	0.002
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	2784	1936	0.015	0.012
5) L1 Aroclor-1016	6.86	8.91	161	58	0.005	0.004
6) L1 Aroclor-1016 {2}	8.99	10.44	89	145	0.005	0.005
7) L1 Aroclor-1016 {3}	9.35	12.38	5397	69	0.208	0.004 #
Total Aroclor-1016			5647	272	0.218	0.014
Average Aroclor-1016					0.073	0.005
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.91	66	58	0.003	0.004
Total Aroclor-1221			66	58	0.003	0.004
Average Aroclor-1221					0.003	0.004
11) L3 Aroclor-1232	5.73	8.91	66	58	0.004	0.004
12) L3 Aroclor-1232 {2}	6.86	10.44	161	145	0.012	0.012
13) L3 Aroclor-1232 {3}	8.66	12.38	110	69	0.013	0.010
Total Aroclor-1232			337	272	0.029	0.026
Average Aroclor-1232					0.010	0.009
14) L4 Aroclor-1242	8.28	11.77	302	225	0.007	0.008
15) L4 Aroclor-1242 {2}	9.35	12.38	5397	69	0.277	0.005 #
16) L4 Aroclor-1242 {3}	10.13	14.14	2642	2329	0.156	0.175
Total Aroclor-1242			8341	2622	0.441	0.188
Average Aroclor-1242					0.147	0.063
17) L5 Aroclor-1248	9.35	15.09	5397	3377	0.170	0.150
18) L5 Aroclor-1248 {2}	10.13	15.30	2642	1063	0.096	0.046 #
19) L5 Aroclor-1248 {3}	11.42	16.31	9932	701	0.285	0.039 #
Total Aroclor-1248			17971	5141	0.551	0.235
Average Aroclor-1248					0.184	0.078

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829K.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829K.D\CONFIRM.D  
 Acq On : 30 Aug 96 05:35 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 6:09 1996

Vial: 11  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	9189	8213	0.294	0.304
21) L6 Aroclor-1254 {2}	13.49	15.84	12850	8785	0.298	0.302
22) L6 Aroclor-1254 {3}	15.88	17.70	9176	11826	0.286	0.297
Total Aroclor-1254			31215	28823	0.877	0.903
Average Aroclor-1254					0.292	0.301
23) L7 Aroclor-1260	13.98	18.33	5897	4366	0.170	0.137
24) L7 Aroclor-1260 {2}	14.77	18.65	5211	4678	0.128	0.130
25) L7 Aroclor-1260 {3}	17.98	22.07	1267	816	0.022	0.015 #
Total Aroclor-1260			12375	9860	0.320	0.282
Average Aroclor-1260					0.107	0.094
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

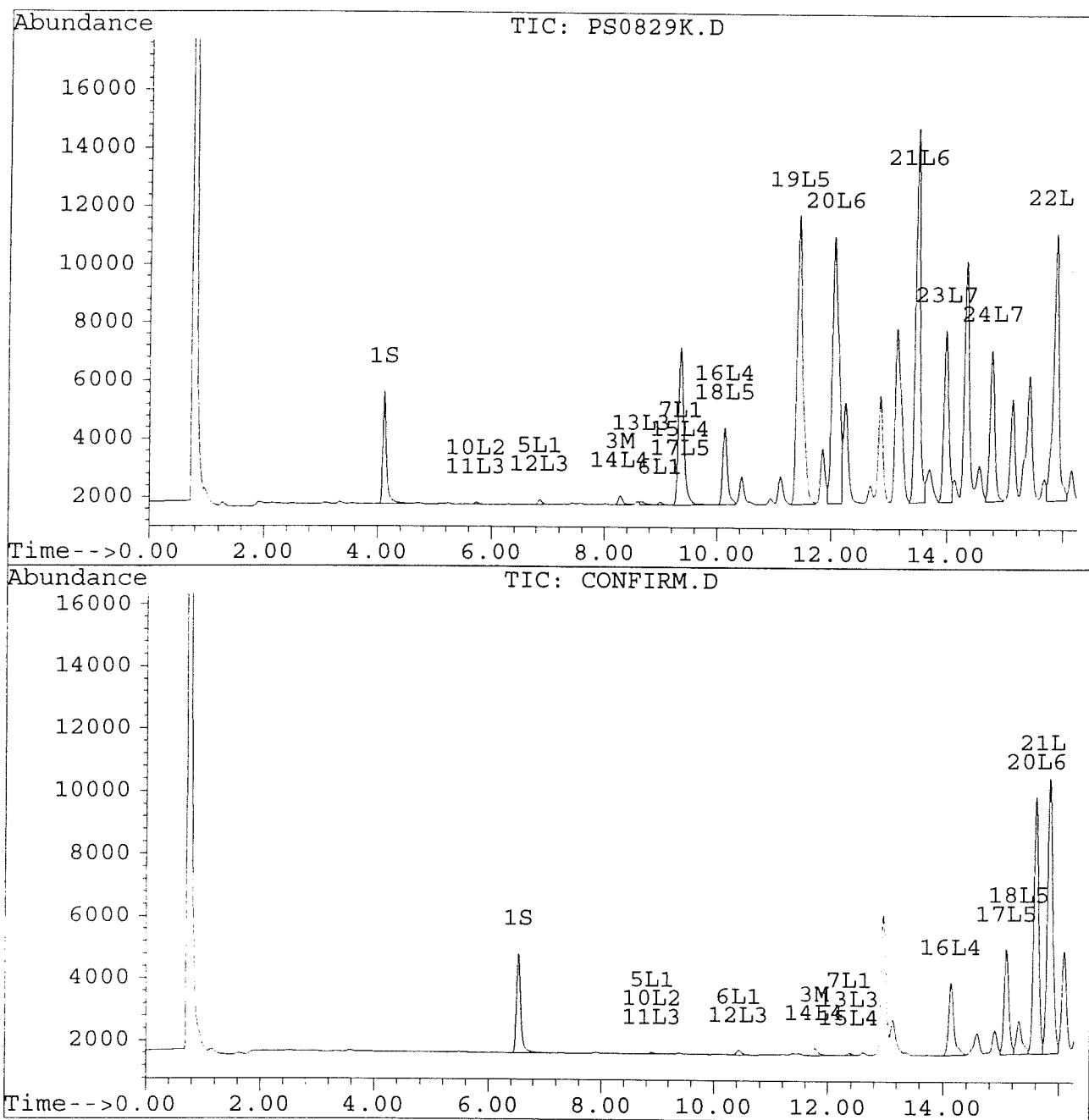
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829K.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829K.D\CONFIRM.D  
 Acq On : 30 Aug 96 05:35 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 6:09 1996

Vial: 11  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM



Quantitation Report

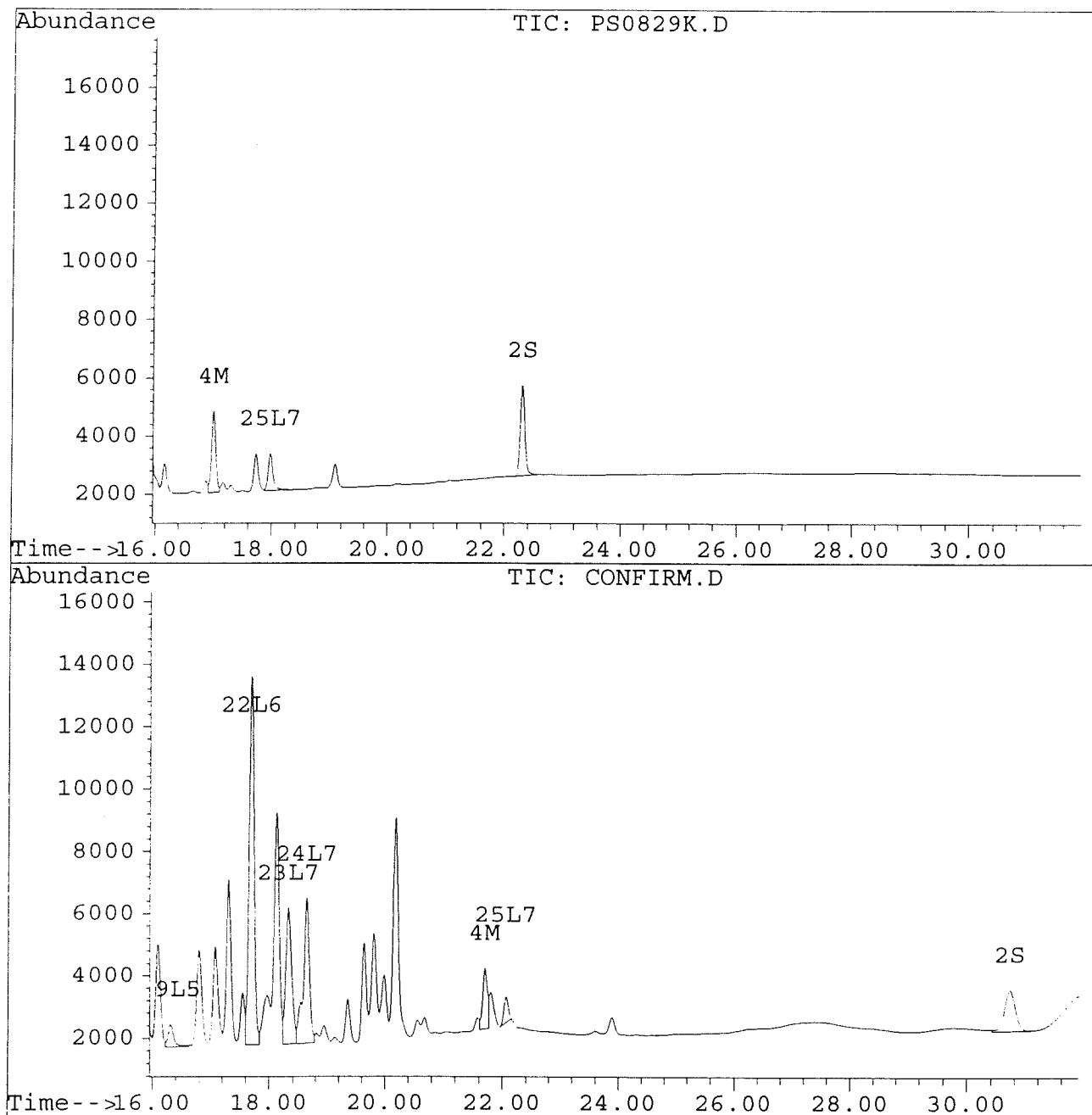
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Signal #2 : D:\HPCHEM\5\AU29\PS0829K.D\CONFIRM.D  
Acq On : 30 Aug 96 05:35 AM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 30 6:09 1996

Vial: 11  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829L.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829L.D\CONFIRM.D  
 Acq On : 30 Aug 96 12:06 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Aug 30 12:40 1996

Vial: 38  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4429	3691	0.019	0.019
			Recovery	=	47.50%	47.50%
2) S Decachlorobiphenyl	22.30	30.72	3397	1951	0.016	0.022 #
			Recovery	=	40.00%	55.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	52	0	0.000	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	11.45	0.00	18	0	0.001	N.D. #
Total Aroclor-1248			18	0	0.001	N.D.
Average Aroclor-1248					0.001	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829L.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829L.D\CONFIRM.D  
 Acq On : 30 Aug 96 12:06 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Aug 30 12:40 1996

Vial: 38  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	23.32	0	269	N.D.	0.063 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	269	N.D.	0.063
Average Aroclor-1268					0.000	0.063

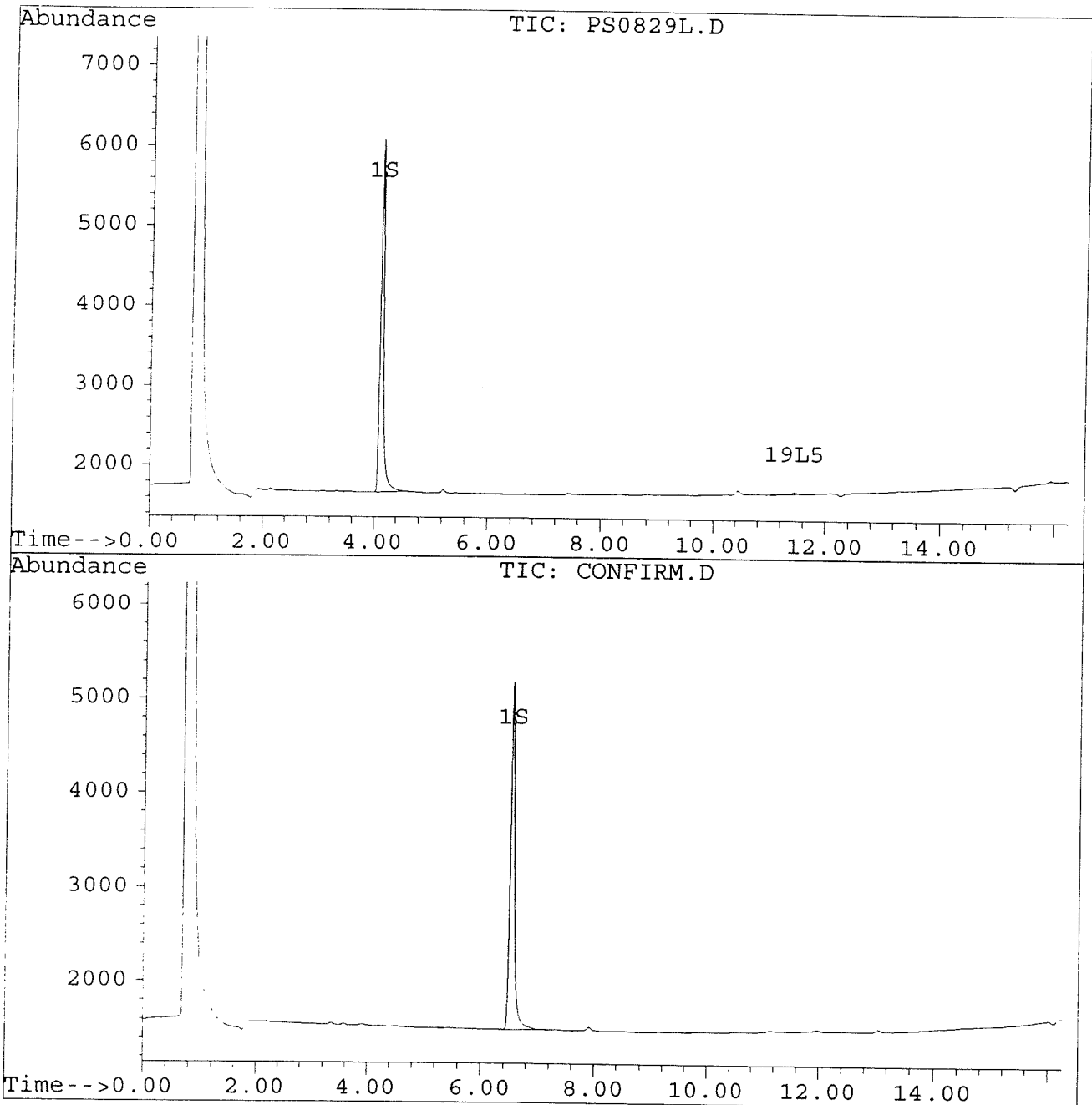
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829L.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0829L.D\CONFIRM.D  
Acq On : 30 Aug 96 12:06 PM  
Sample : PIBLK  
Misc :  
Quant Time: Aug 30 12:40 1996

Vial: 38  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM





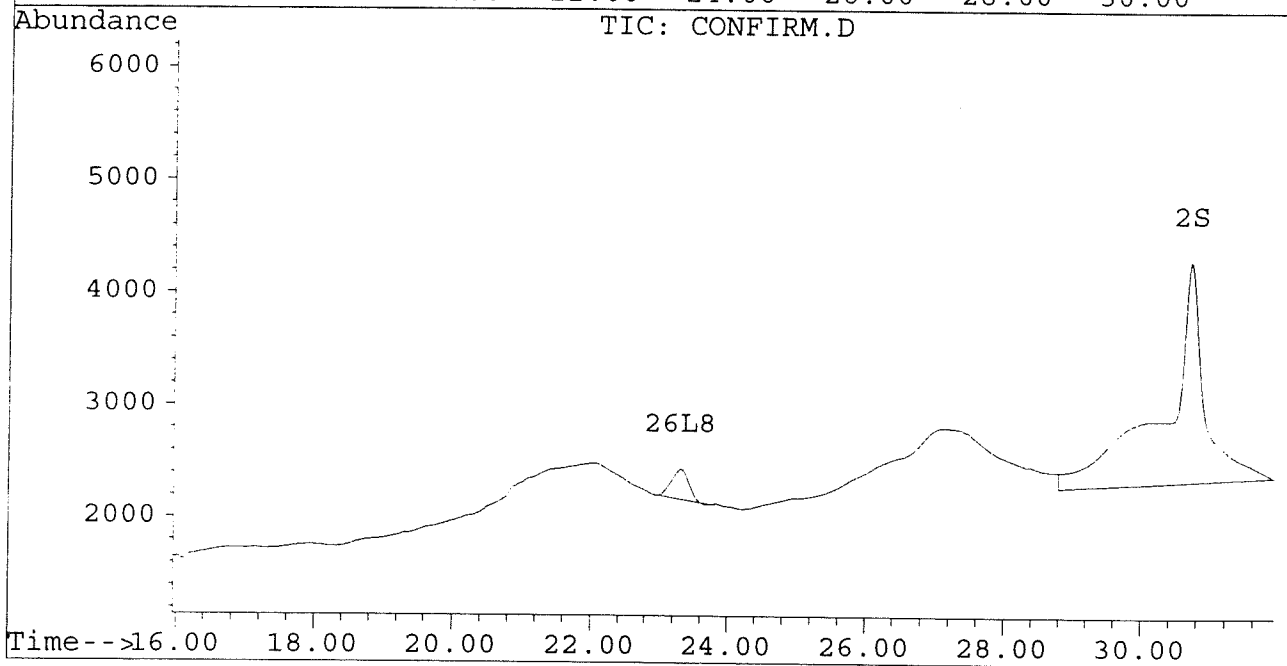
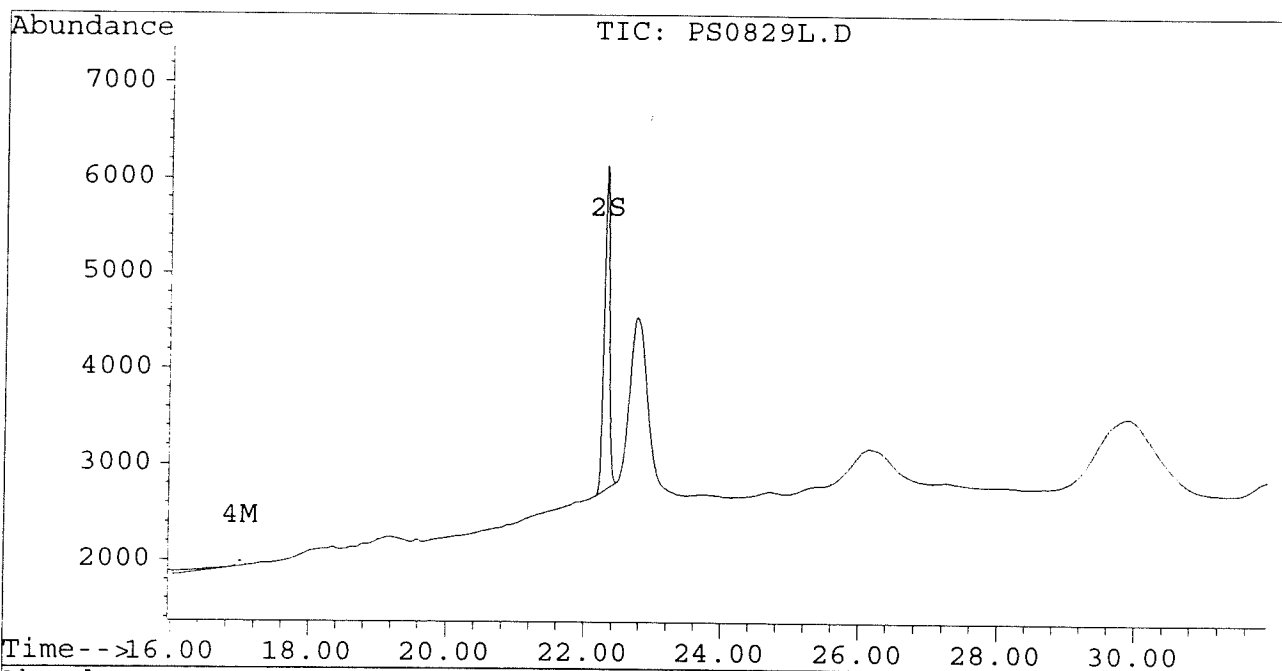
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829L.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0829L.D\CONFIRM.D  
Acq On : 30 Aug 96 12:06 PM  
Sample : PIBLK  
Misc :  
Quant Time: Aug 30 12:40 1996

Vial: 38  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829M.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829M.D\CONFIRM.D  
 Acq On : 30 Aug 96 12:42 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 13:16 1996

Vial: 39  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4123	3396	0.017	0.018
			Recovery	=	42.50%	45.00%
2) S Decachlorobiphenyl	22.30	30.72	3155	1364	0.015	0.015
			Recovery	=	37.50%	37.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	13237	9817	0.121	0.102
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	166	43	0.001	0.000 #
5) L1 Aroclor-1016	6.85	8.90	7590	3761	0.237	0.280
6) L1 Aroclor-1016 {2}	8.99	10.43	3995	6868	0.228	0.246
7) L1 Aroclor-1016 {3}	9.38	12.37	6285	4224	0.242	0.245
Total Aroclor-1016			17870	14853	0.707	0.770
Average Aroclor-1016					0.236	0.257
8) L2 Aroclor-1221	5.13	8.13	666	655	0.095	0.107
9) L2 Aroclor-1221 {2}	5.56	8.67	934	833	0.160	0.171
10) L2 Aroclor-1221 {3}	5.73	8.90	4350	3761	0.215	0.245
Total Aroclor-1221			5950	5249	0.470	0.523
Average Aroclor-1221					0.157	0.174
11) L3 Aroclor-1232	5.73	8.90	4350	3761	0.238	0.262
12) L3 Aroclor-1232 {2}	6.85	10.43	7590	6868	0.556	0.572
13) L3 Aroclor-1232 {3}	8.66	12.37	4949	4224	0.598	0.609
Total Aroclor-1232			16888	14853	1.392	1.443
Average Aroclor-1232					0.464	0.481
14) L4 Aroclor-1242	8.27	11.77	13237	9817	0.320	0.329
15) L4 Aroclor-1242 {2}	9.38	12.37	6285	4224	0.323	0.320
16) L4 Aroclor-1242 {3}	10.13	14.13	5381	4213	0.318	0.317
Total Aroclor-1242			24902	18254	0.961	0.966
Average Aroclor-1242					0.320	0.322
17) L5 Aroclor-1248	9.38	15.08	6285	3969	0.197	0.176
18) L5 Aroclor-1248 {2}	10.13	15.30	5381	4547	0.196	0.195
19) L5 Aroclor-1248 {3}	11.46	16.31	6068	3344	0.174	0.187
Total Aroclor-1248			17734	11860	0.568	0.558
Average Aroclor-1248					0.189	0.186

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829M.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829M.D\CONFIRM.D  
 Acq On : 30 Aug 96 12:42 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 13:16 1996

Vial: 39  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.60	0	1053	N.D.	0.039 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1392	1110	0.032	0.038
22) L6 Aroclor-1254 {3}	15.88	17.70	245	1237	0.008	0.031 #
Total Aroclor-1254			1637	3400	0.040	0.108
Average Aroclor-1254					0.020	0.036
23) L7 Aroclor-1260	13.97	18.33	793	92	0.023	0.003 #
24) L7 Aroclor-1260 {2}	14.77	0.00	187	0	0.005	N.D. #
25) L7 Aroclor-1260 {3}	17.98	22.07	25	24	0.000	0.000
Total Aroclor-1260			1005	116	0.028	0.003
Average Aroclor-1260					0.009	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

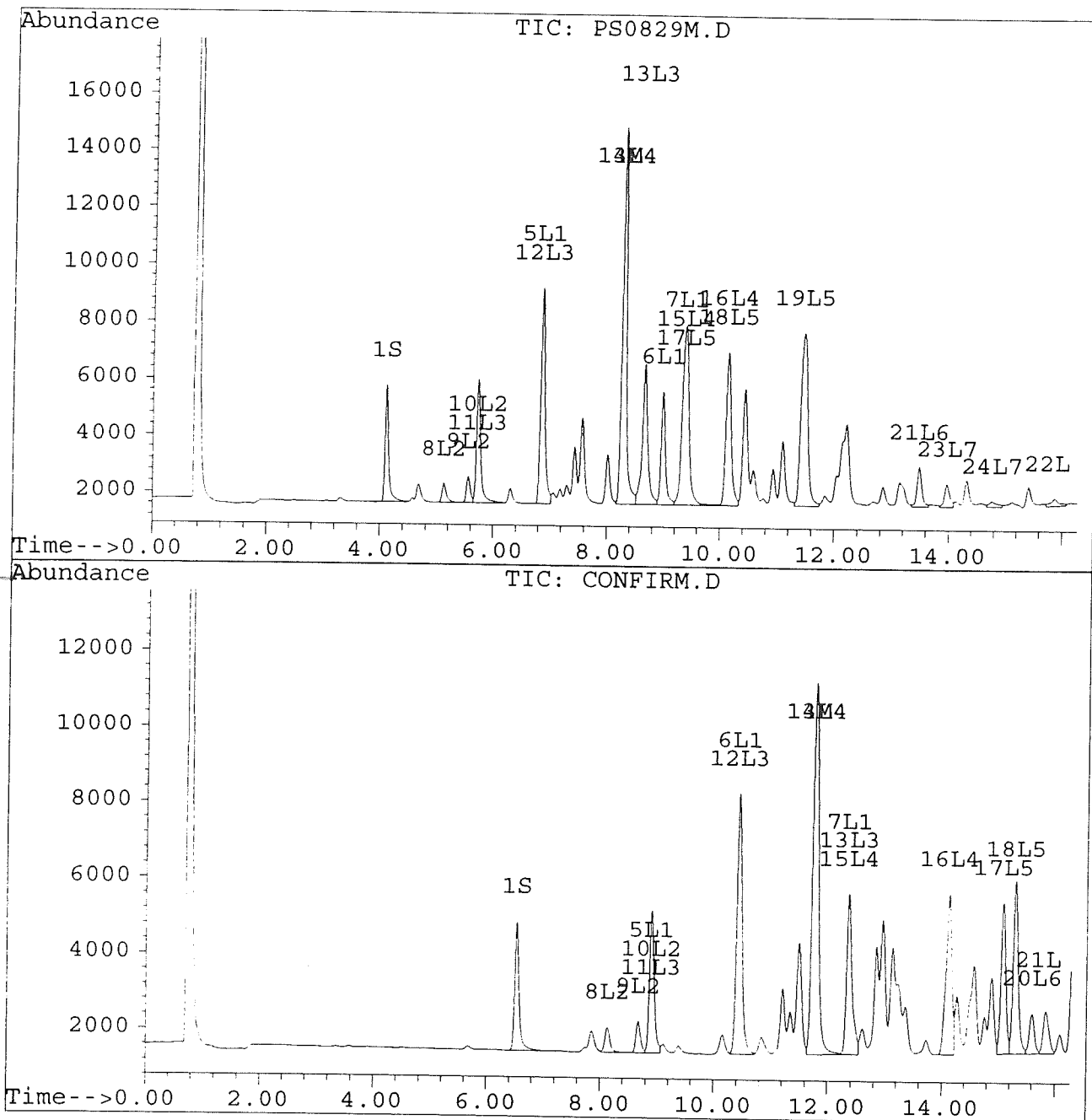
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Signal #2 : D:\HPCHEM\5\AU29\PS0829M.D\CONFIRM.D  
Acq On : 30 Aug 96 12:42 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 30 13:16 1996

Vial: 39  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



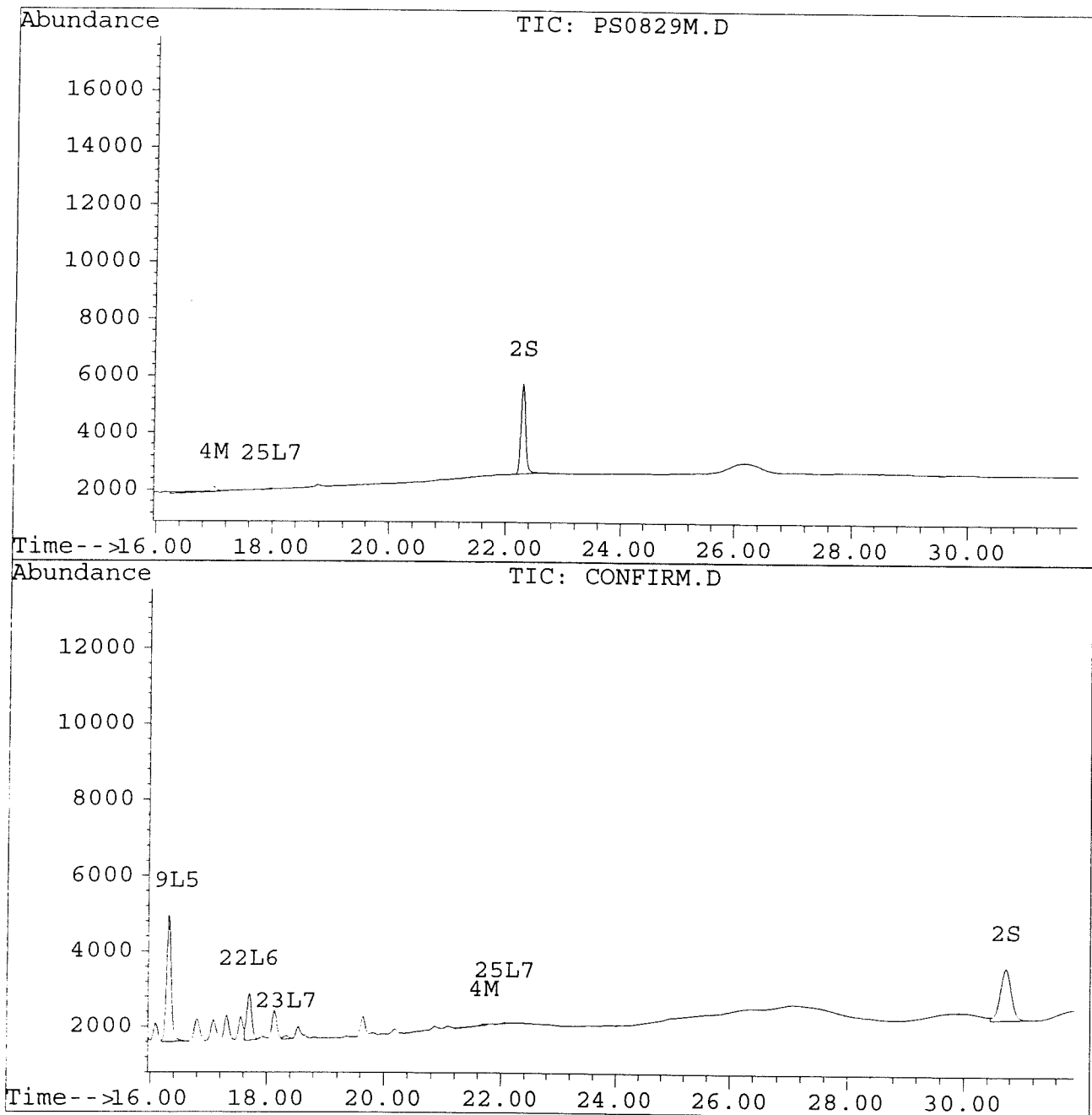
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829M.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0829M.D\CONFIRM.D  
Acq On : 30 Aug 96 12:42 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 30 13:16 1996

Vial: 39  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829N.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829N.D\CONFIRM.D  
 Acq On : 30 Aug 96 01:17 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 13:51 1996

Vial: 40  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	4160	3459	0.017	0.018
			Recovery	=	42.50%	45.00%
2) S Decachlorobiphenyl	22.30	30.72	3426	1444	0.016	0.016
			Recovery	=	40.00%	40.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	324	242	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	17.00	21.70	3045	2126	0.016	0.014
5) L1 Aroclor-1016	6.86	8.91	172	61	0.005	0.005
6) L1 Aroclor-1016 {2}	8.99	10.44	95	155	0.005	0.006
7) L1 Aroclor-1016 {3}	9.35f	12.37	5804	76	0.224	0.004 #
Total Aroclor-1016			6071	291	0.235	0.014
Average Aroclor-1016					0.078	0.005
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.91	71	61	0.004	0.004
Total Aroclor-1221			71	61	0.004	0.004
Average Aroclor-1221					0.004	0.004
11) L3 Aroclor-1232	5.73	8.91	71	61	0.004	0.004
12) L3 Aroclor-1232 {2}	6.86	10.44	172	155	0.013	0.013
13) L3 Aroclor-1232 {3}	8.66	12.37	118	76	0.014	0.011
Total Aroclor-1232			361	291	0.031	0.028
Average Aroclor-1232					0.010	0.009
14) L4 Aroclor-1242	8.27	11.77	324	242	0.008	0.008
15) L4 Aroclor-1242 {2}	9.35	12.37	5804	76	0.298	0.006 #
16) L4 Aroclor-1242 {3}	10.13	14.13	2845	2486	0.168	0.187
Total Aroclor-1242			8973	2803	0.475	0.201
Average Aroclor-1242					0.158	0.067
17) L5 Aroclor-1248	9.35	15.08	5804	3671	0.182	0.163
18) L5 Aroclor-1248 {2}	10.13	15.30	2845	1144	0.104	0.049 #
19) L5 Aroclor-1248 {3}	11.41	16.31	10832	735	0.311	0.041 #
Total Aroclor-1248			19481	5550	0.598	0.253
Average Aroclor-1248					0.199	0.084

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829N.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829N.D\CONFIRM.D  
 Acq On : 30 Aug 96 01:17 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 13:51 1996

Vial: 40  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	10019	8756	0.321	0.324
21) L6 Aroclor-1254 {2}	13.48	15.83	14104	9473	0.327	0.326
22) L6 Aroclor-1254 {3}	15.87	17.69	10125	13134	0.315	0.330
Total Aroclor-1254			34248	31363	0.963	0.979
Average Aroclor-1254					0.321	0.326
23) L7 Aroclor-1260	13.98	18.33	6375	4723	0.184	0.148
24) L7 Aroclor-1260 {2}	14.76	18.64	5714	5134	0.141	0.143
25) L7 Aroclor-1260 {3}	17.97	22.06	1382	910	0.024	0.017 #
Total Aroclor-1260			13472	10767	0.348	0.307
Average Aroclor-1260					0.116	0.102
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

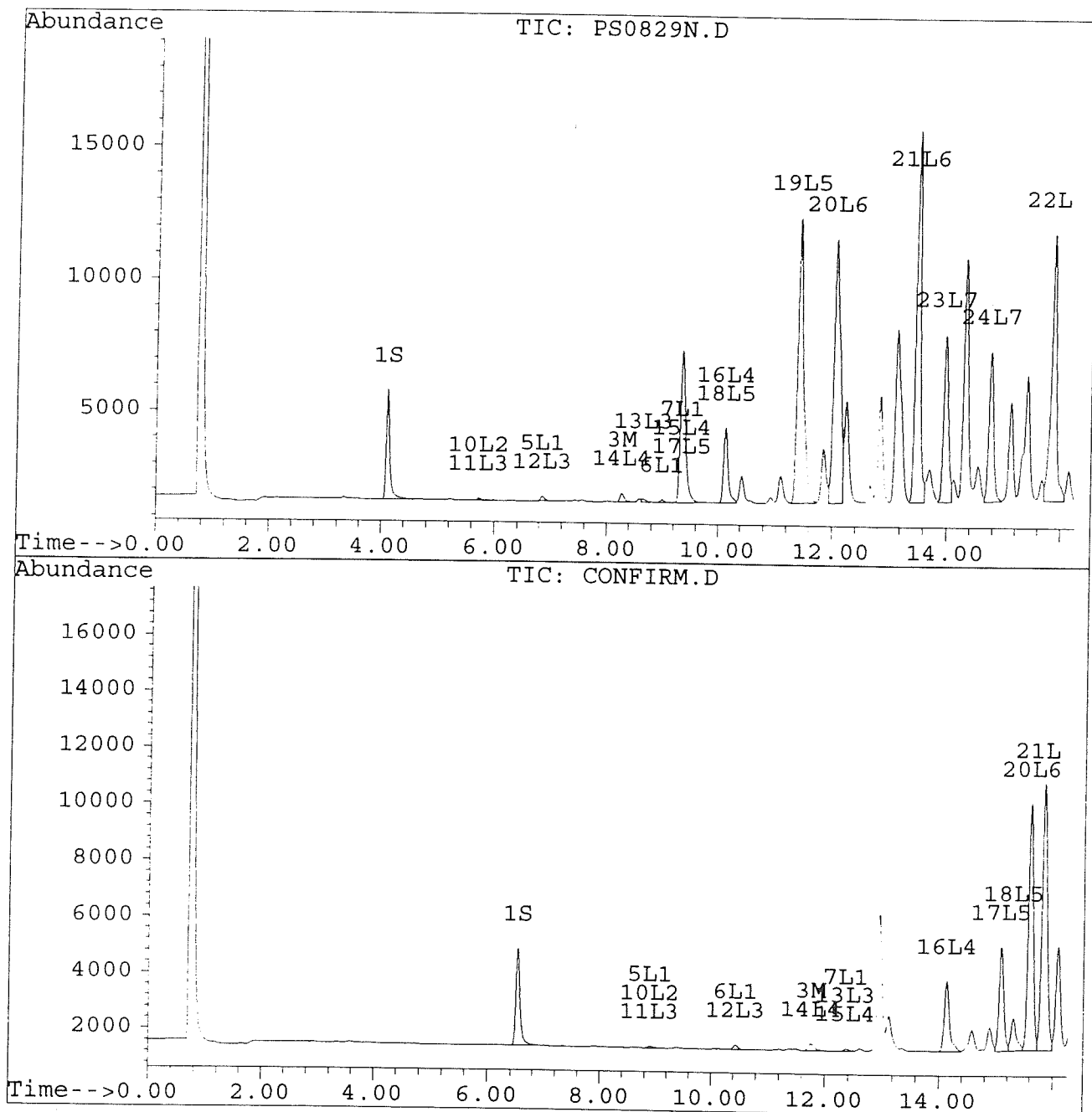
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Signal #2 : D:\HPCHEM\5\AU29\PS0829N.D\CONFIRM.D  
Acq On : 30 Aug 96 01:17 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 30 13:51 1996

Vial: 40  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM





Quantitation Report

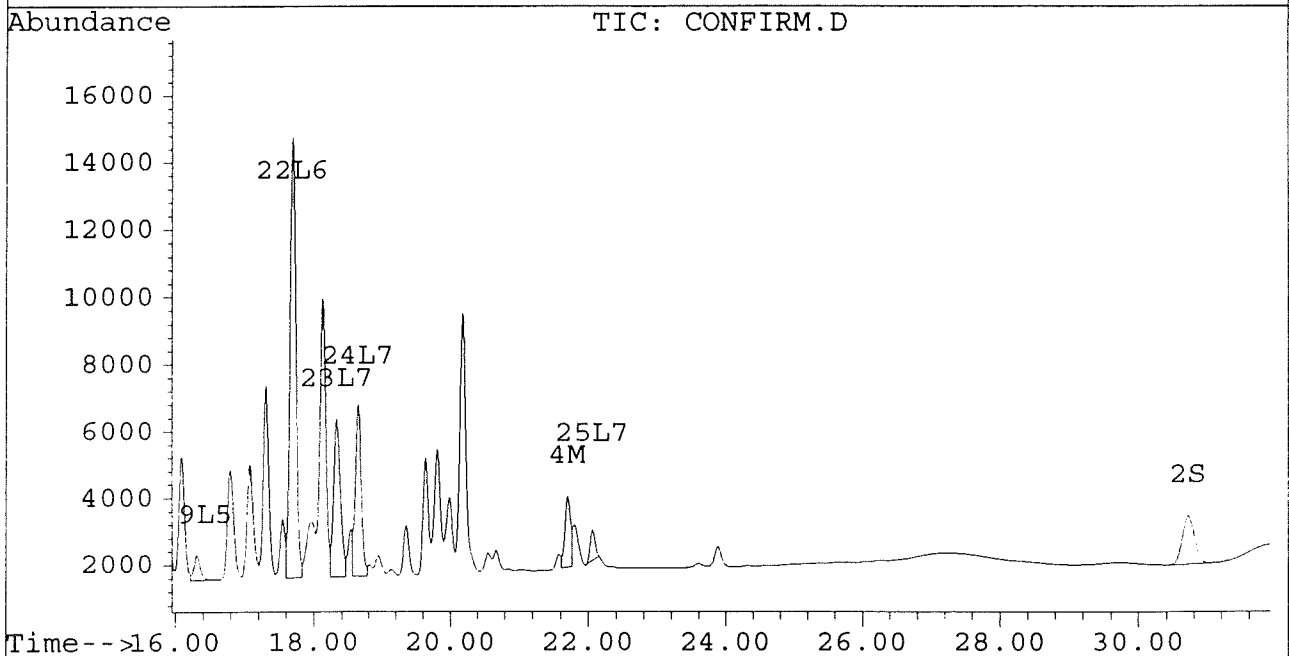
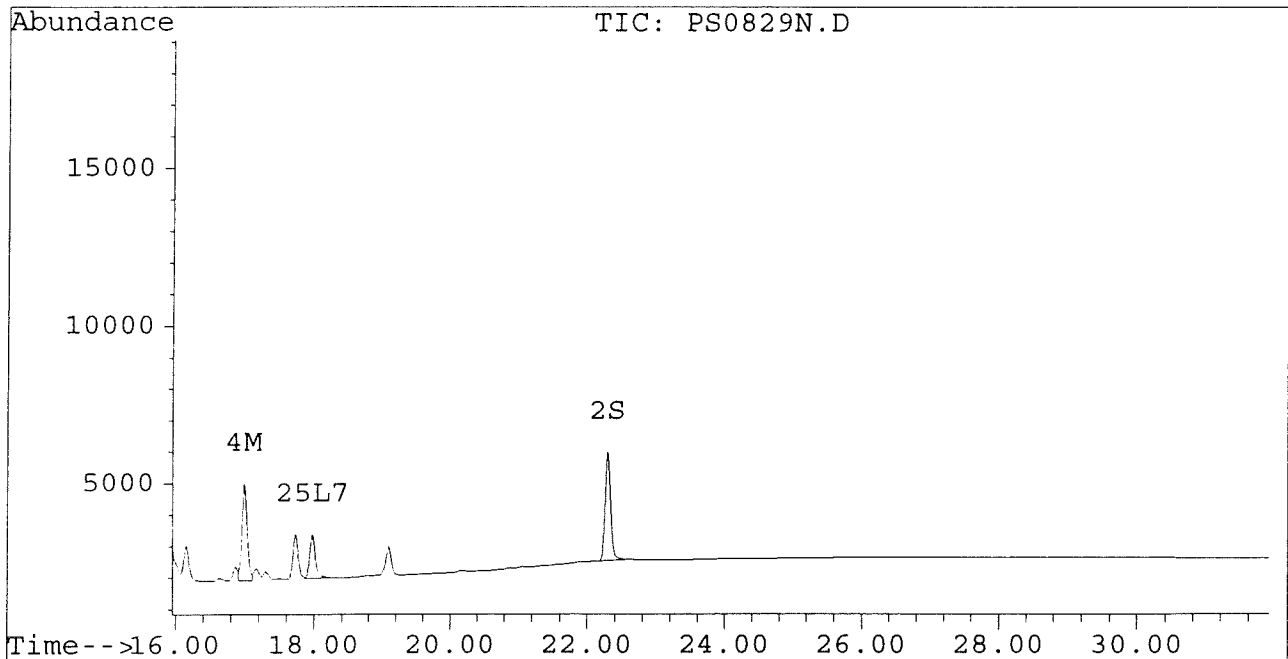
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Signal #2 : D:\HPCHEM\5\AU29\PS0829N.D\CONFIRM.D  
Acq On : 30 Aug 96 01:17 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 30 13:51 1996

Vial: 40  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS08290.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS08290.D\CONFIRM.D  
 Acq On : 30 Aug 96 07:51 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Aug 30 20:24 1996

Vial: 38  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4684	3801	0.020	0.020
			Recovery =		50.00%	50.00%
2) S Decachlorobiphenyl	22.30	30.72	3495	1506	0.017	0.017
			Recovery =		42.50%	42.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	81	0	0.000	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	0	N.D.	N.D.
average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	11.45	16.29	20	45	0.001	0.003 #
Total Aroclor-1248			20	45	0.001	0.003
average Aroclor-1248					0.001	0.003

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS08290.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS08290.D\CONFIRM.D  
 Acq On : 30 Aug 96 07:51 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Aug 30 20:24 1996

Vial: 38  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	15.81	0	40	N.D.	0.001 #
22) L6 Aroclor-1254 {3}	0.00	17.71	0	17	N.D.	0.000 #
Total Aroclor-1254			0	58	N.D.	0.002
Average Aroclor-1254					0.000	0.001
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	23.33	0	431	N.D.	0.100 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.14f	0	315	N.D.	NoCal
Total Aroclor-1268			0	431	N.D.	0.100
Average Aroclor-1268					0.000	0.100

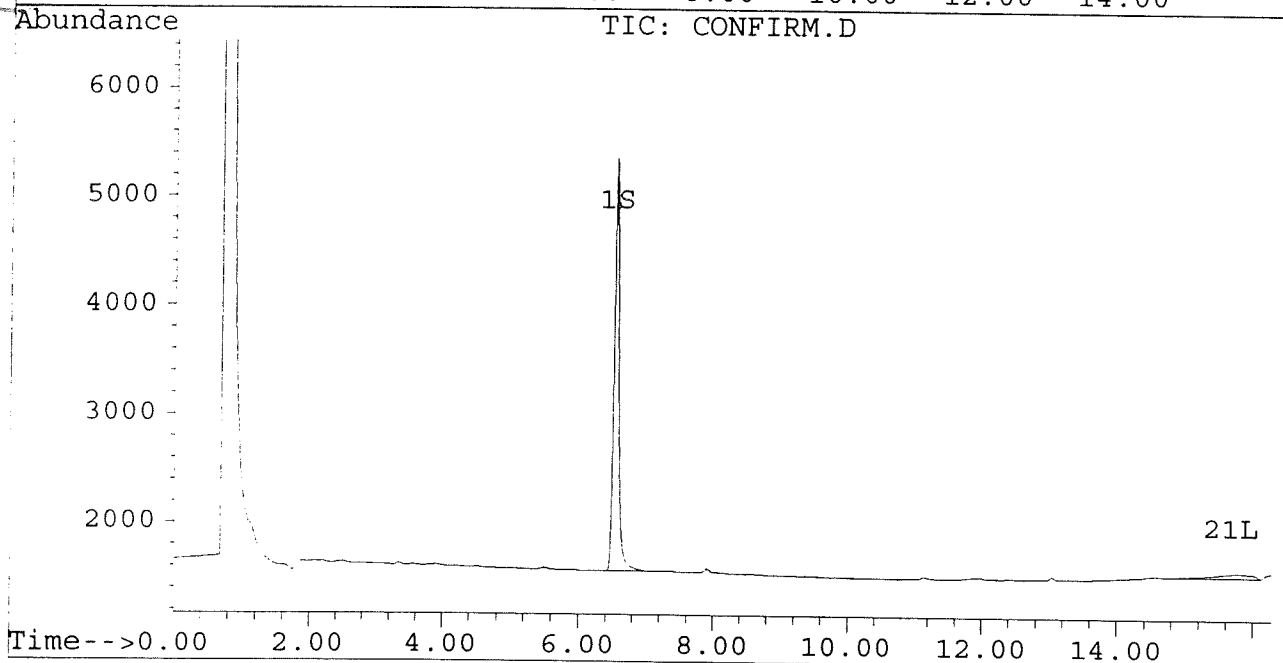
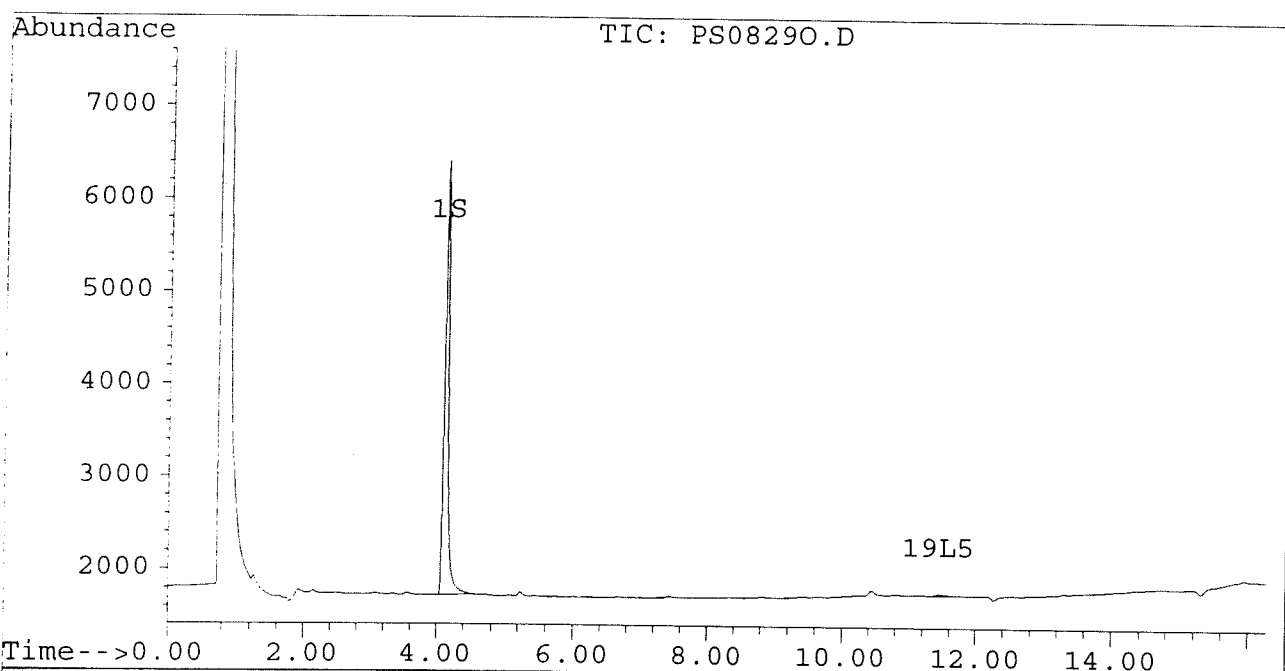
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS08290.D  
Signal #2 : D:\HPCHEM\5\AU29\PS08290.D\CONFIRM.D  
Acq On : 30 Aug 96 07:51 PM  
Sample : PIBLK  
Misc :  
Quant Time: Aug 30 20:24 1996

Vial: 38  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

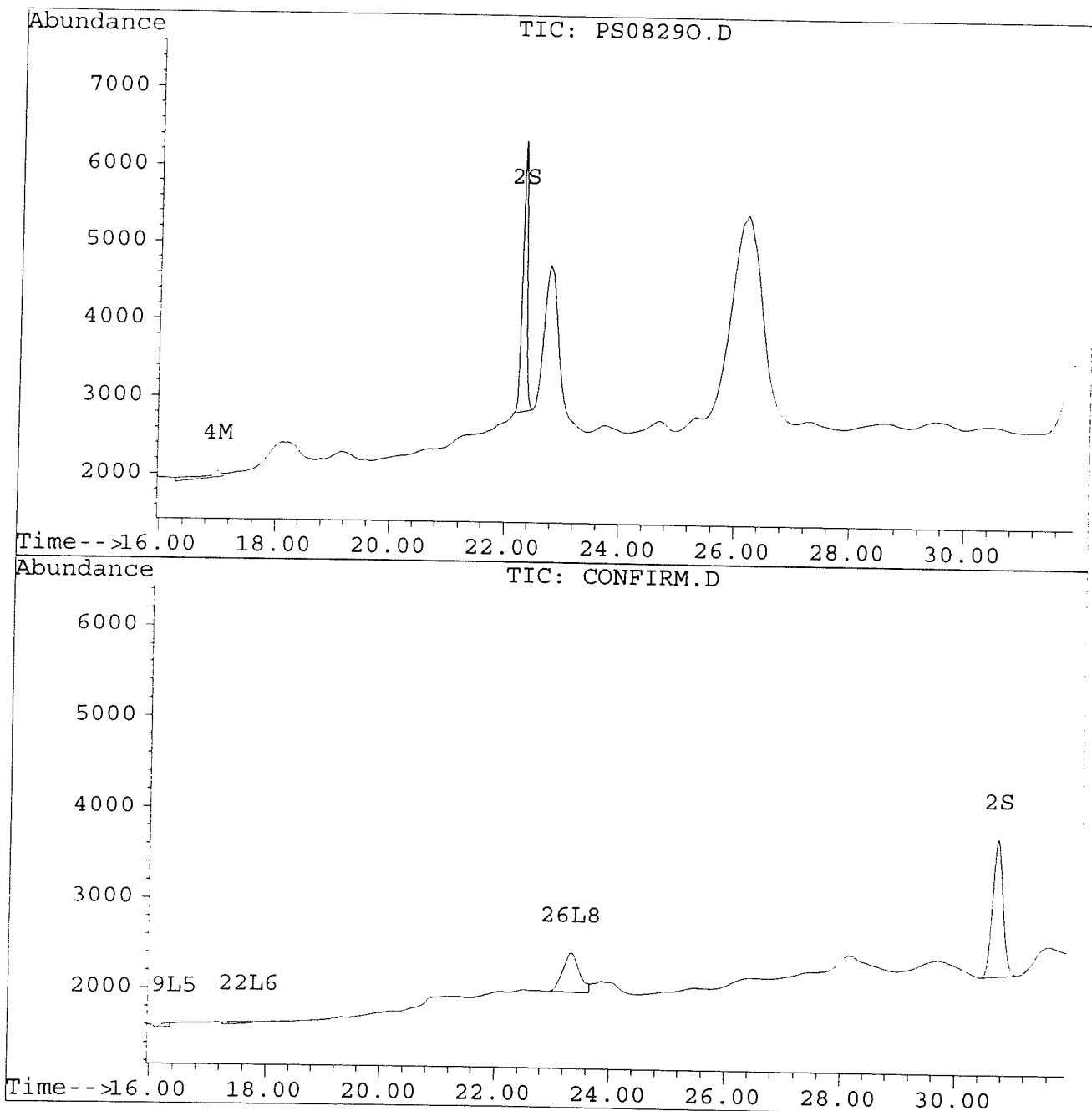
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Acq On : 30 Aug 96 07:51 PM  
Sample : PIBLK  
Misc :  
Quant Time: Aug 30 20:24 1996

Vial: 38  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829P.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829P.D\CONFIRM.D  
 Acq On : 30 Aug 96 08:26 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 21:00 1996

Vial: 39  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4139	3367	0.017	0.018
			Recovery =		42.50%	45.00%
2) S Decachlorobiphenyl	22.30	30.72	3394	1442	0.016	0.016
			Recovery =		40.00%	40.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	13280	9715	0.121	0.101
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	198	30	0.001	0.000 #
5) L1 Aroclor-1016	6.85	8.90	7585	3748	0.237	0.279
6) L1 Aroclor-1016 {2}	8.99	10.43	4017	6830	0.229	0.245
7) L1 Aroclor-1016 {3}	9.38	12.37	6230	4179	0.240	0.242
Total Aroclor-1016			17832	14757	0.706	0.765
Average Aroclor-1016					0.235	0.255
8) L2 Aroclor-1221	5.13	8.13	669	650	0.095	0.106
9) L2 Aroclor-1221 {2}	5.56	8.67	936	828	0.160	0.170
10) L2 Aroclor-1221 {3}	5.73	8.90	4351	3748	0.215	0.244
Total Aroclor-1221			5956	5227	0.471	0.520
Average Aroclor-1221					0.157	0.173
11) L3 Aroclor-1232	5.73	8.90	4351	3748	0.239	0.262
12) L3 Aroclor-1232 {2}	6.85	10.43	7585	6830	0.556	0.568
13) L3 Aroclor-1232 {3}	8.66	12.37	4950	4179	0.598	0.603
Total Aroclor-1232			16886	14757	1.392	1.433
Average Aroclor-1232					0.464	0.478
14) L4 Aroclor-1242	8.27	11.77	13280	9715	0.321	0.326
15) L4 Aroclor-1242 {2}	9.38	12.37	6230	4179	0.320	0.316
16) L4 Aroclor-1242 {3}	10.13	14.13	5377	4202	0.318	0.316
Total Aroclor-1242			24887	18096	0.959	0.958
Average Aroclor-1242					0.320	0.319
17) L5 Aroclor-1248	9.38	15.08	6230	4013	0.196	0.178
18) L5 Aroclor-1248 {2}	10.13	15.30	5377	4577	0.196	0.196
19) L5 Aroclor-1248 {3}	11.46	16.31	6120	3359	0.176	0.188
Total Aroclor-1248			17727	11950	0.568	0.562
Average Aroclor-1248					0.189	0.187

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829P.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829P.D\CONFIRM.D  
 Acq On : 30 Aug 96 08:26 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 21:00 1996

Vial: 39  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.60	0	1067	N.D.	0.039 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1447	1114	0.034	0.038
22) L6 Aroclor-1254 {3}	15.88	17.70	288	1245	0.009	0.031 #
Total Aroclor-1254			1735	3426	0.042	0.109
Average Aroclor-1254					0.021	0.036
23) L7 Aroclor-1260	13.97	18.33	852	88	0.025	0.003 #
24) L7 Aroclor-1260 {2}	14.77	0.00	242	0	0.006	N.D. #
25) L7 Aroclor-1260 {3}	17.98	0.00	44	0	0.001	N.D. #
Total Aroclor-1260			1138	88	0.031	0.003
Average Aroclor-1260					0.010	0.003
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	21.86f	0.00	50	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

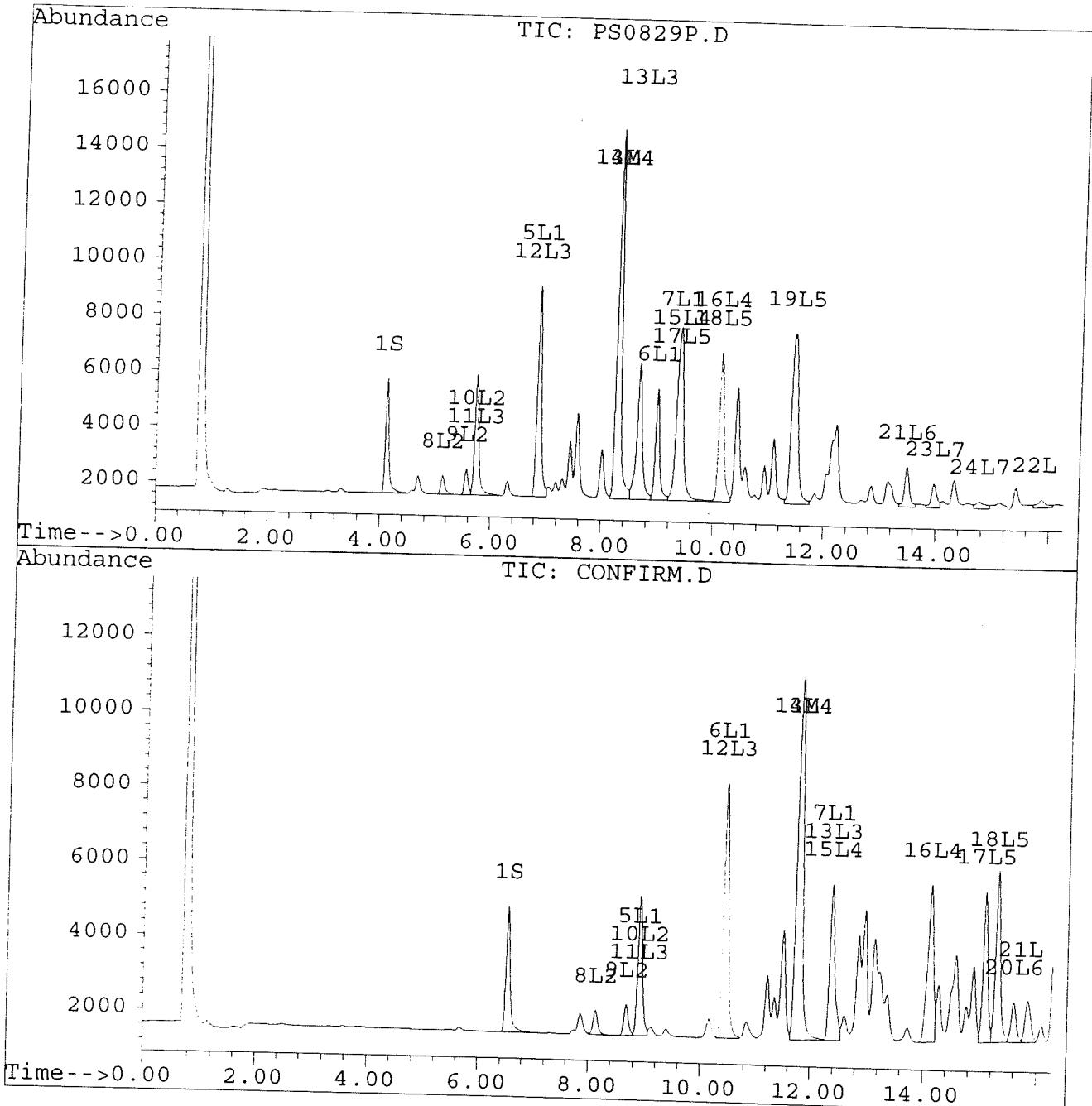
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Signal #2 : D:\HPCHEM\5\AU29\PS0829P.D\CONFIRM.D  
Acq On : 30 Aug 96 08:26 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 30 21:00 1996

Vial: 39  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM





Quantitation Report

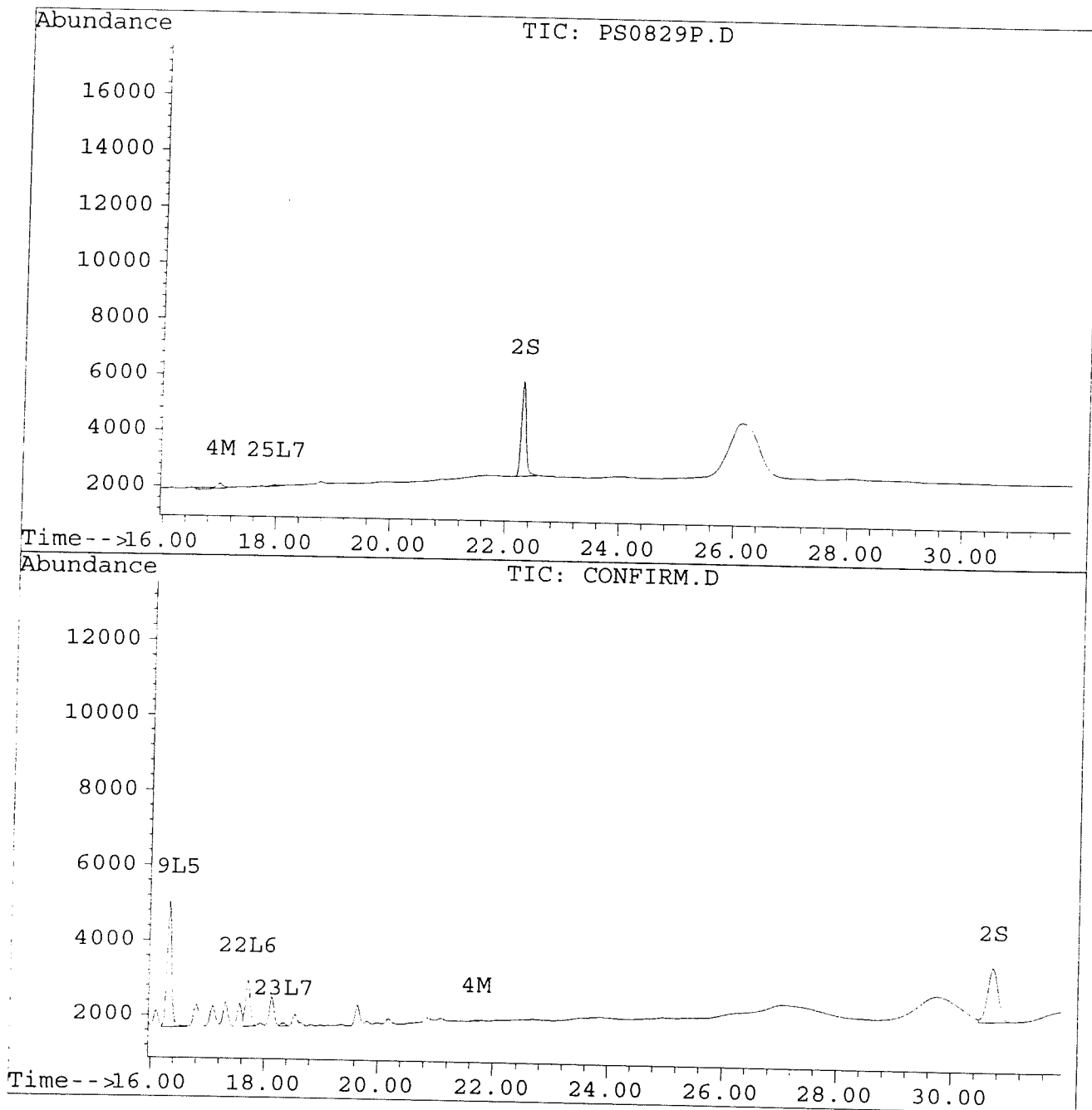
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Signal #2 : D:\HPCHEM\5\AU29\PS0829P.D\CONFIRM.D  
Acq On : 30 Aug 96 08:26 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 30 21:00 1996

Vial: 39  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829Q.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829Q.D\CONFIRM.D  
 Acq On : 30 Aug 96 09:02 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 21:35 1996

Vial: 40  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4461	3591	0.019	0.019
			Recovery	=	47.50%	47.50%
2) S Decachlorobiphenyl	22.30	30.72	3506	1461	0.017	0.017
			Recovery	=	42.50%	42.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.76	332	248	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	3095	2120	0.017	0.014
5) L1 Aroclor-1016	6.85	8.91	177	62	0.006	0.005
6) L1 Aroclor-1016 {2}	8.99	10.44	97	161	0.006	0.006
7) L1 Aroclor-1016 {3}	9.35f	12.37	5889	75	0.227	0.004 #
Total Aroclor-1016			6163	298	0.238	0.015
Average Aroclor-1016					0.079	0.005
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.91	75	62	0.004	0.004
Total Aroclor-1221			75	62	0.004	0.004
Average Aroclor-1221					0.004	0.004
11) L3 Aroclor-1232	5.73	8.91	75	62	0.004	0.004
12) L3 Aroclor-1232 {2}	6.85	10.44	177	161	0.013	0.013
13) L3 Aroclor-1232 {3}	8.66	12.37	120	75	0.014	0.011
Total Aroclor-1232			371	298	0.032	0.029
Average Aroclor-1232					0.011	0.010
14) L4 Aroclor-1242	8.27	11.76	332	248	0.008	0.008
15) L4 Aroclor-1242 {2}	9.35	12.37	5889	75	0.303	0.006 #
16) L4 Aroclor-1242 {3}	10.13	14.14	2877	2543	0.170	0.191
Total Aroclor-1242			9097	2866	0.481	0.205
Average Aroclor-1242					0.160	0.068
17) L5 Aroclor-1248	9.35	15.08	5889	3703	0.185	0.164
18) L5 Aroclor-1248 {2}	10.13	15.30	2877	1173	0.105	0.050 #
19) L5 Aroclor-1248 {3}	11.42	16.31	10862	756	0.312	0.042 #
Total Aroclor-1248			19627	5632	0.602	0.257
Average Aroclor-1248					0.201	0.086

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 PS0829Q.D PCB1G.M Fri Aug 30 21:35:59 1996 HPPC Page 1

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Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829Q.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829Q.D\CONFIRM.D  
 Acq On : 30 Aug 96 09:02 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 21:35 1996

Vial: 40  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	10108	8938	0.324	0.331
21) L6 Aroclor-1254 {2}	13.48	15.84	14160	9509	0.328	0.327
22) L6 Aroclor-1254 {3}	15.87	17.70	10299	13108	0.321	0.329
Total Aroclor-1254			34566	31555	0.972	0.987
Average Aroclor-1254					0.324	0.329
23) L7 Aroclor-1260	13.98	18.33	6518	4744	0.188	0.148
24) L7 Aroclor-1260 {2}	14.76	18.64	5766	5202	0.142	0.145
25) L7 Aroclor-1260 {3}	17.97	22.06	1423	917	0.025	0.017 #
Total Aroclor-1260			13707	10863	0.354	0.310
Average Aroclor-1260					0.118	0.103
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



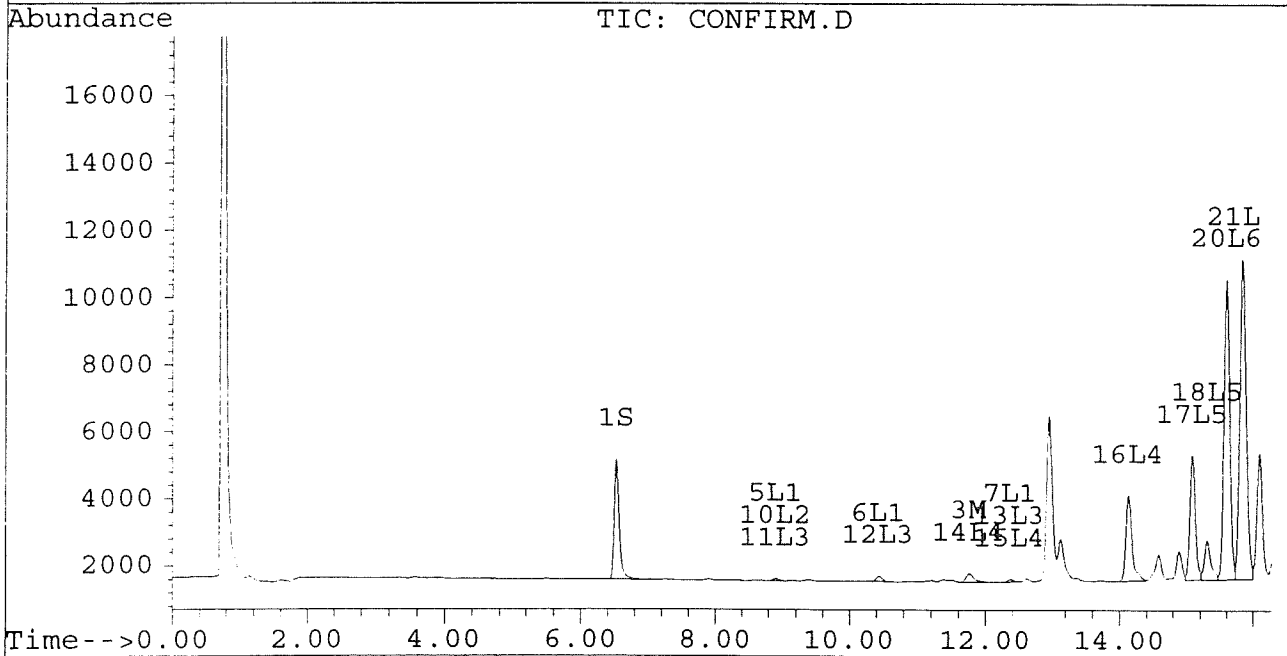
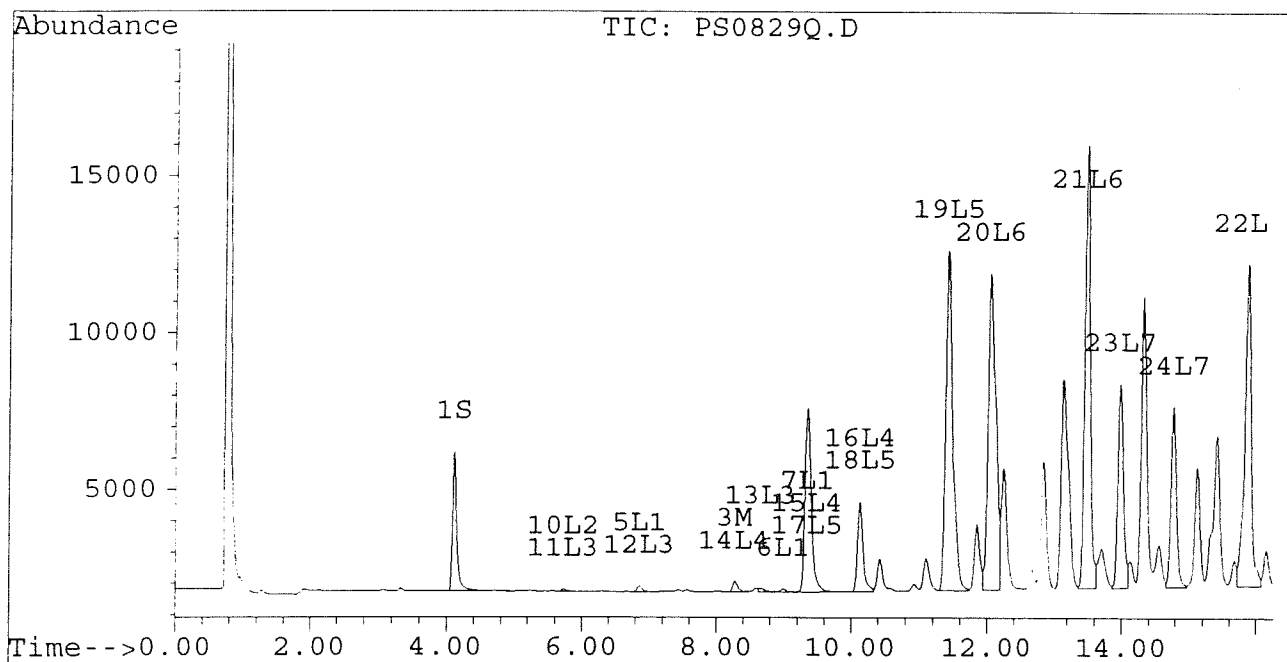
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0829Q.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0829Q.D\CONFIRM.D  
 Acq On : 30 Aug 96 09:02 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 30 21:35 1996

Vial: 40  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM



Quantitation Report

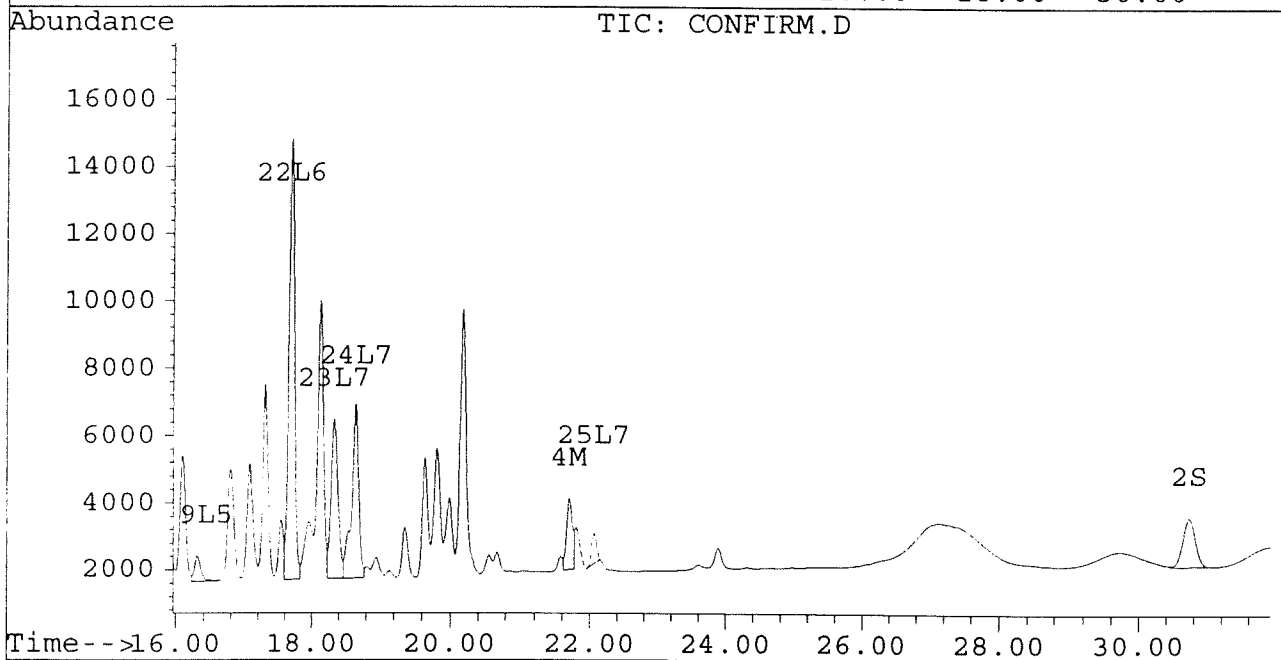
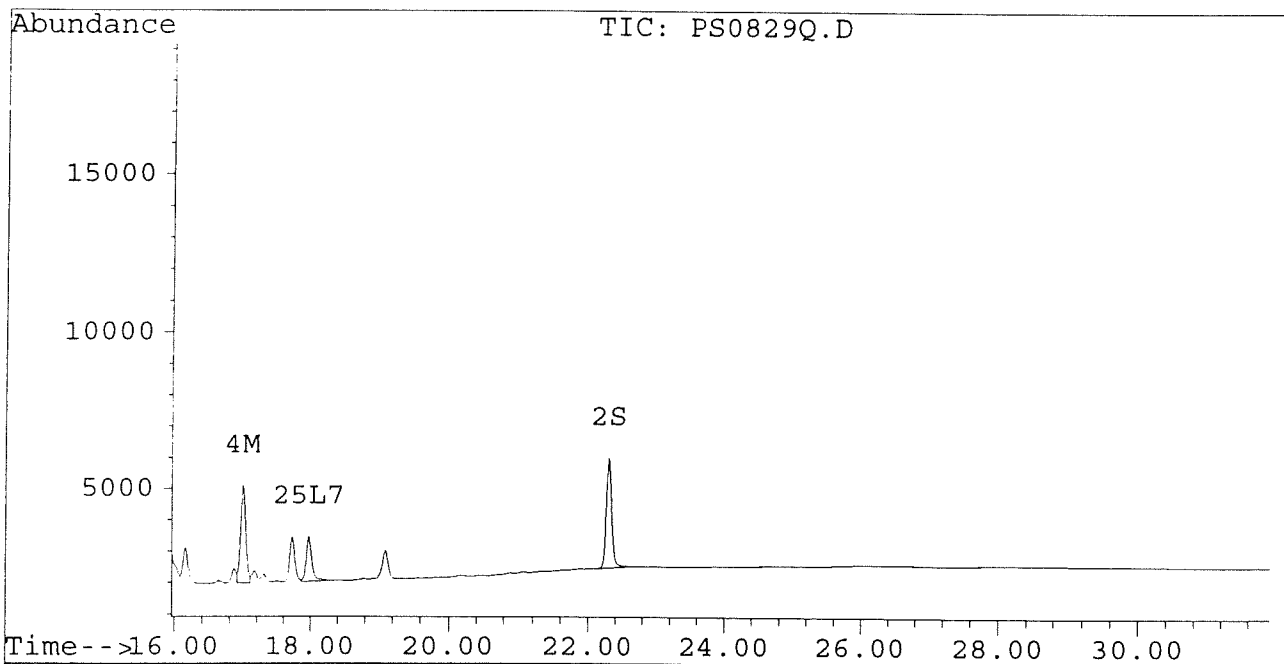
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Signal #2 : D:\HPCHEM\5\AU29\PS0829Q.D\CONFIRM.D  
Acq On : 30 Aug 96 09:02 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 30 21:35 1996

Vial: 40  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830A.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830A.D\CONFIRM.D  
 Acq On : 30 Aug 96 09:37 PM  
 Sample : PCB COGENERES 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 30 22:11 1996

Vial: 51  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	4975	3901	0.021	0.020
			Recovery	=	52.50%	50.00%
2) S Decachlorobiphenyl	22.30	30.72	3554	1548	0.017	0.018
			Recovery	=	42.50%	45.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.79	26467	24049	0.242	0.251
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	44650	38992	0.239	0.248
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.36	0.00	29	0	0.001	N.D. #
Total Aroclor-1016			29	0	0.001	N.D.
Average Aroclor-1016					0.001	0.000
8) L2 Aroclor-1221	5.11	8.12	45	68	0.006	0.011 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			45	68	0.006	0.011
Average Aroclor-1221					0.006	0.011
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.27	11.79	26467	24049	0.639	0.807 #
15) L4 Aroclor-1242 {2}	9.36	0.00	29	0	0.001	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			26495	24049	0.641	0.807
Average Aroclor-1242					0.320	0.807
17) L5 Aroclor-1248	9.36	0.00	29	0	0.001	N.D. #
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	11.48f	16.32	16	44	0.000	0.002 #
Total Aroclor-1248			45	44	0.001	0.002
Average Aroclor-1248					0.001	0.002

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830A.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830A.D\CONFIRM.D  
 Acq On : 30 Aug 96 09:37 PM  
 Sample : PCB COGENERATORS 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 30 22:11 1996

Vial: 51  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	15.89	0.00	60	0	0.002	N.D. #
Total Aroclor-1254			60	0	0.002	N.D.
Average Aroclor-1254					0.002	0.000
23) L7 Aroclor-1260	13.97	0.00	175	0	0.005	N.D. #
24) L7 Aroclor-1260 {2}	14.77	0.00	68	0	0.002	N.D. #
25) L7 Aroclor-1260 {3}	17.98	0.00	30	0	0.001	N.D. #
Total Aroclor-1260			273	0	0.007	N.D.
Average Aroclor-1260					0.002	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



Quantitation Report

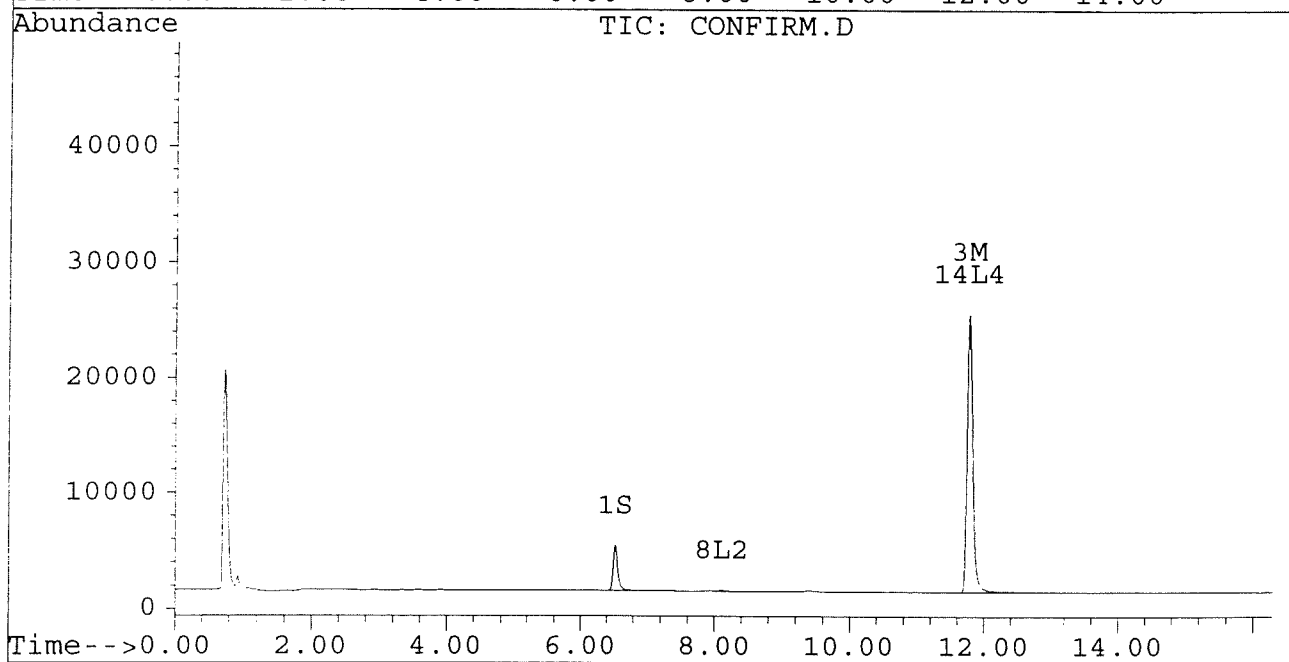
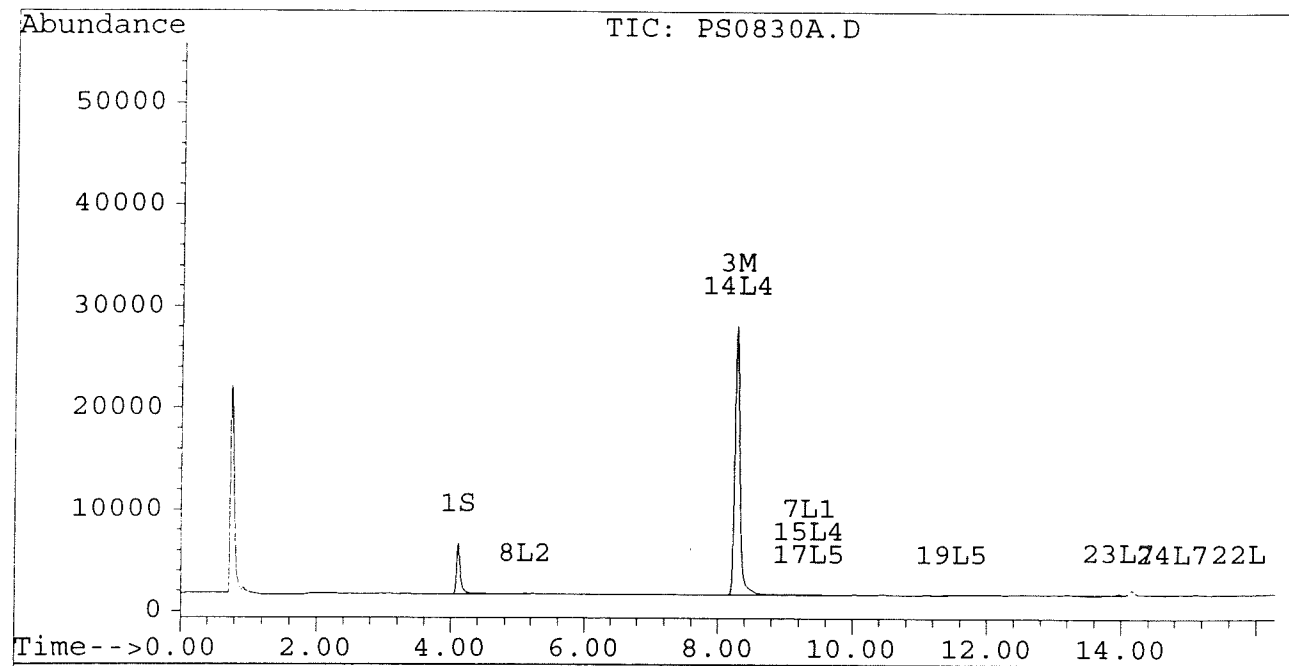
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Signal #2 : D:\HPCHEM\5\AU29\PS0830A.D\CONFIRM.D  
Acq On : 30 Aug 96 09:37 PM  
Sample : PCB COGENERS 0.25 UG/ML  
Misc :  
Quant Time: Aug 30 22:11 1996

Vial: 51  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



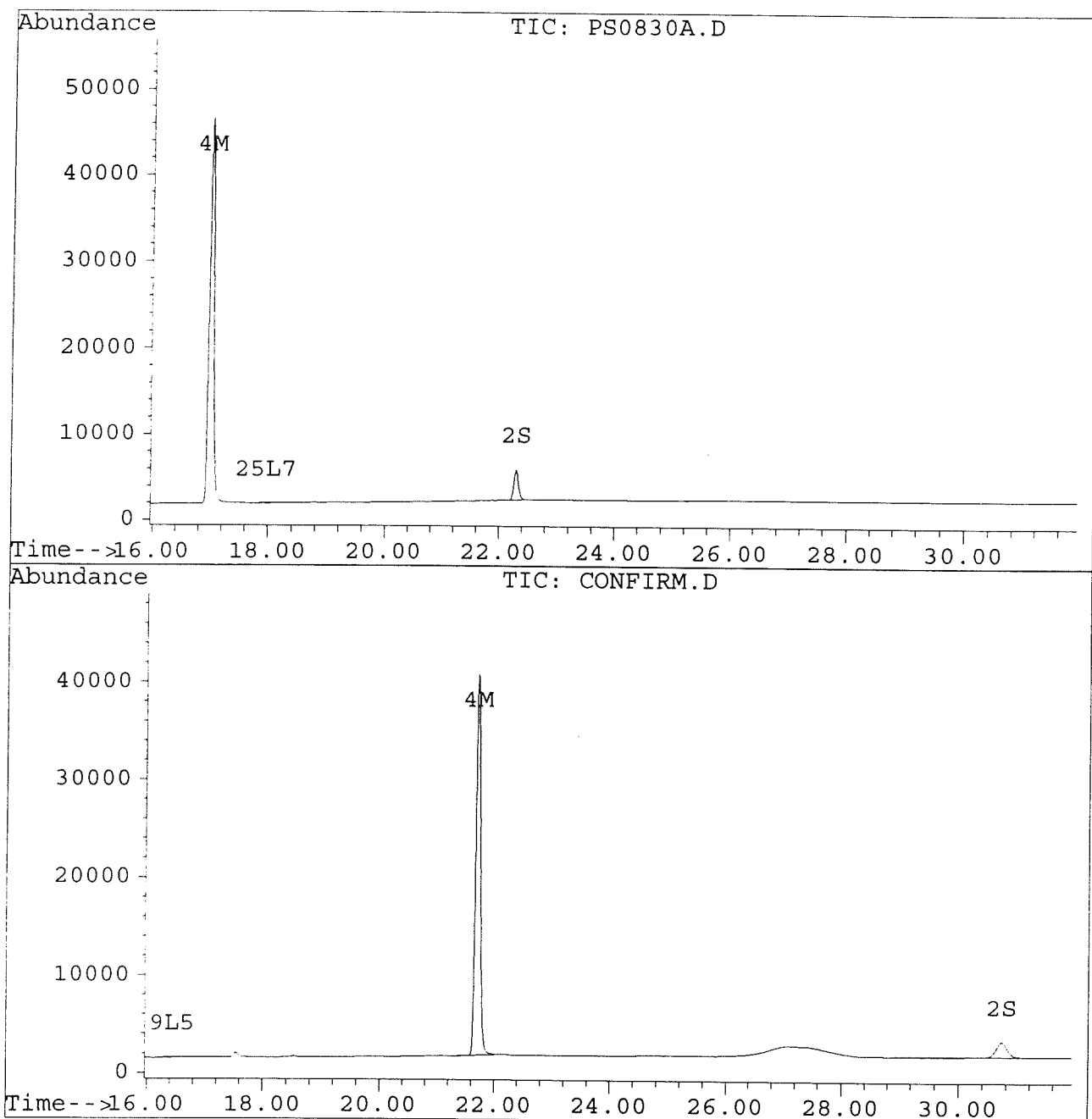
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830A.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830A.D\CONFIRM.D  
Acq On : 30 Aug 96 09:37 PM  
Sample : PCB COGENERERS 0.25 UG/ML  
Misc :  
Quant Time: Aug 30 22:11 1996

Vial: 51  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830C.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830C.D\CONFIRM.D  
 Acq On : 31 Aug 96 04:44 AM  
 Sample : PCB COGENERES 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 31 5:18 1996

Vial: 51  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylene	4.11	6.53	4807	3902	0.020	0.020
			Recovery	=	50.00%	50.00%
2) S Decachlorobiphenyl	22.30	30.73	3664	1545	0.017	0.017
			Recovery	=	42.50%	42.50%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	8.28	11.79	26917	24584	0.246	0.257
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	46450	39685	0.249	0.253
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.36	0.00	34	0	0.001	N.D. #
Total Aroclor-1016			34	0	0.001	N.D.
Average Aroclor-1016					0.001	0.000
8) L2 Aroclor-1221	5.11	8.12	45	69	0.006	0.011 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			45	69	0.006	0.011
Average Aroclor-1221					0.006	0.011
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.28	11.79	26917	24584	0.650	0.825 #
15) L4 Aroclor-1242 {2}	9.36	0.00	34	0	0.002	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			26951	24584	0.652	0.825
Average Aroclor-1242					0.326	0.825
17) L5 Aroclor-1248	9.36	0.00	34	0	0.001	N.D. #
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	11.48	16.32	16	19	0.000	0.001 #
Total Aroclor-1248			50	19	0.002	0.001
Average Aroclor-1248					0.001	0.001

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830C.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830C.D\CONFIRM.D  
 Acq On : 31 Aug 96 04:44 AM  
 Sample : PCB COGENERS 0.25 UG/ML  
 Misc :  
 Quant Time: Aug 31 5:18 1996

Vial: 51  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	13.97	0.00	137	0	0.004	N.D. #
24) L7 Aroclor-1260 {2}	14.75	0.00	28	0	0.001	N.D. #
25) L7 Aroclor-1260 {3}	17.98	0.00	39	0	0.001	N.D. #
Total Aroclor-1260			204	0	0.005	N.D.
Average Aroclor-1260					0.002	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

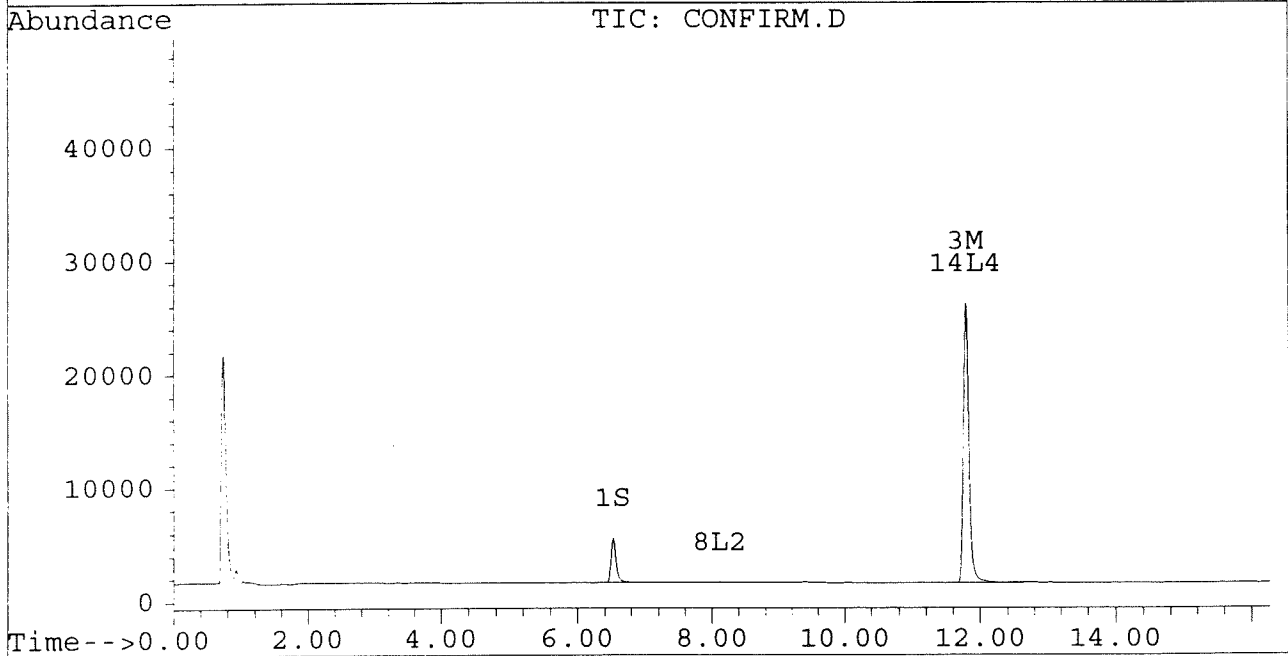
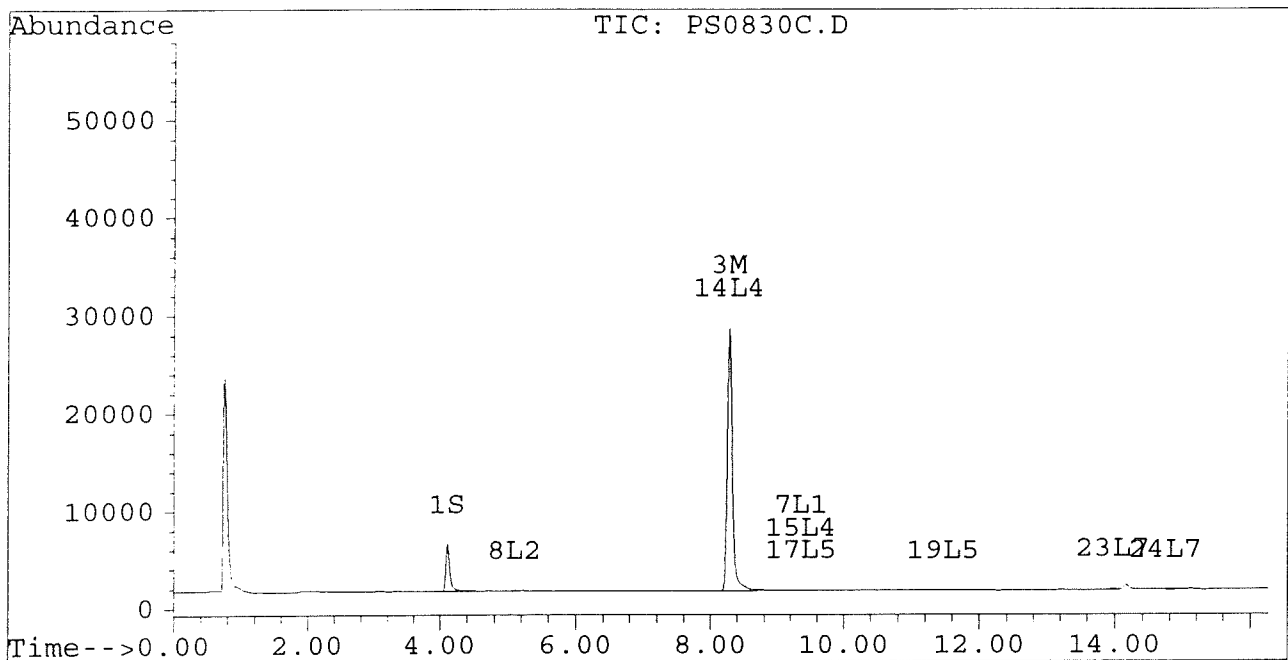
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830C.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830C.D\CONFIRM.D  
Acq On : 31 Aug 96 04:44 AM  
Sample : PCB COGENERS 0.25 UG/ML  
Misc :  
Quant Time: Aug 31 5:18 1996

Vial: 51  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



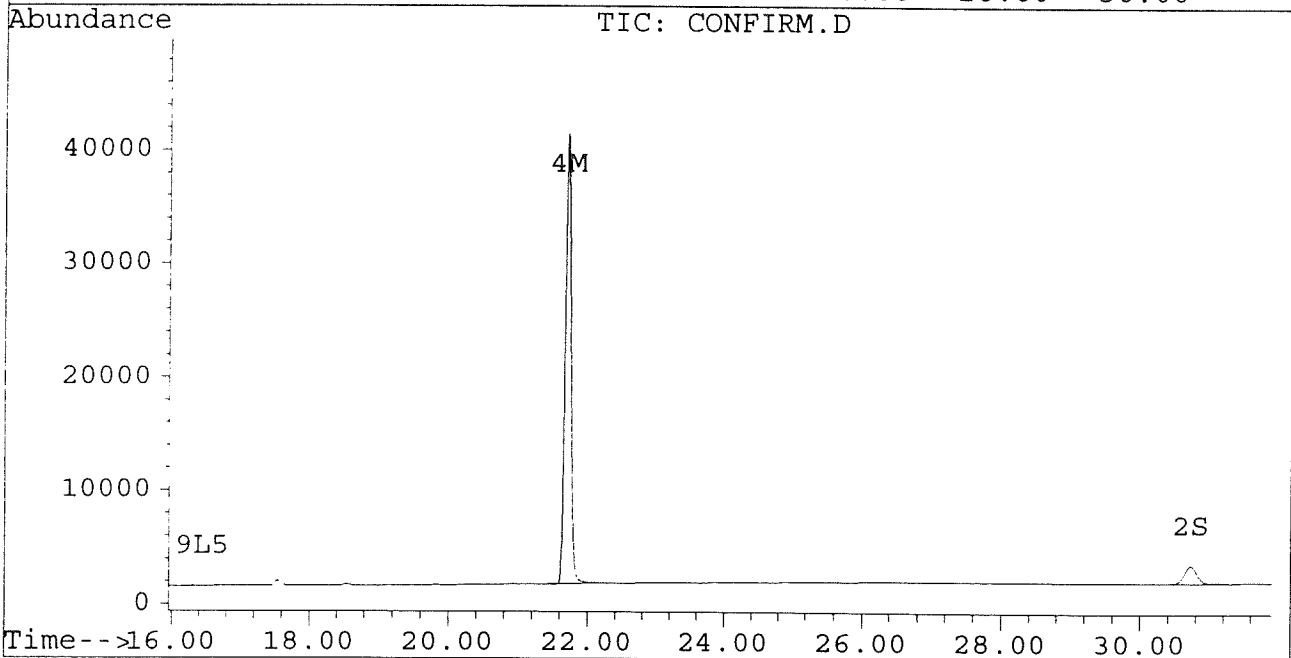
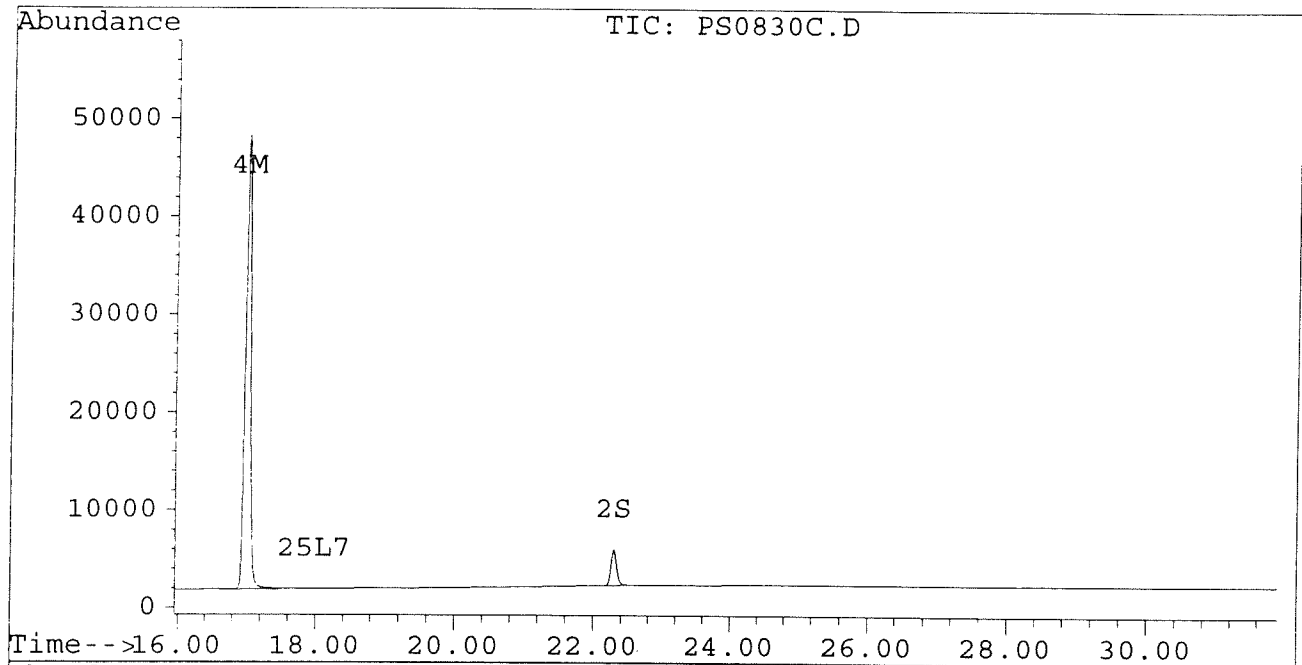
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830C.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830C.D\CONFIRM.D  
Acq On : 31 Aug 96 04:44 AM  
Sample : PCB COGENERS 0.25 UG/ML  
Misc :  
Quant Time: Aug 31 5:18 1996

Vial: 51  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830E.D Vial: 39  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830E.D\CONFIRM.D  
 Acq On : 31 Aug 96 05:55 AM Operator: JS  
 Sample : AR1242 1.0 UG/ML Inst : ECD1  
 Misc : Multiplr: 1.00  
 Quant Time: Aug 31 6:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5 Signal #2 Phase: DB-608  
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4552	3558	0.019	0.019
			Recovery	=	47.50%	47.50%
2) S Decachlorobiphenyl	22.30	30.72	3590	1564	0.017	0.018
			Recovery	=	42.50%	45.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	14004	10122	0.128	0.106
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	238	43	0.001	0.000 #
5) L1 Aroclor-1016	6.85	8.90	7976	3880	0.249	0.288
6) L1 Aroclor-1016 {2}	8.99	10.43	4246	7091	0.242	0.254
7) L1 Aroclor-1016 {3}	9.38	12.37	6572	4351	0.253	0.252
Total Aroclor-1016			18794	15322	0.745	0.794
Average Aroclor-1016					0.248	0.265
8) L2 Aroclor-1221	5.13	8.13	711	679	0.101	0.111
9) L2 Aroclor-1221 {2}	5.56	8.67	996	870	0.171	0.178
10) L2 Aroclor-1221 {3}	5.73	8.90	4622	3880	0.229	0.253
Total Aroclor-1221			6330	5429	0.501	0.542
Average Aroclor-1221					0.167	0.181
11) L3 Aroclor-1232	5.73	8.90	4622	3880	0.253	0.271
12) L3 Aroclor-1232 {2}	6.85	10.43	7976	7091	0.584	0.590
13) L3 Aroclor-1232 {3}	8.66	12.37	5214	4351	0.630	0.627
Total Aroclor-1232			17813	15322	1.468	1.488
Average Aroclor-1232					0.489	0.496
14) L4 Aroclor-1242	8.27	11.77	14004	10122	0.338	0.340
15) L4 Aroclor-1242 {2}	9.38	12.37	6572	4351	0.338	0.329
16) L4 Aroclor-1242 {3}	10.13	14.13	5682	4370	0.336	0.328
Total Aroclor-1242			26258	18843	1.012	0.997
Average Aroclor-1242					0.337	0.332
17) L5 Aroclor-1248	9.38	15.08	6572	4204	0.206	0.187
18) L5 Aroclor-1248 {2}	10.13	15.30	5682	4790	0.207	0.205
19) L5 Aroclor-1248 {3}	11.46	16.31	6463	3547	0.186	0.199
Total Aroclor-1248			18717	12540	0.600	0.590
Average Aroclor-1248					0.200	0.197

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830E.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830E.D\CONFIRM.D  
 Acq On : 31 Aug 96 05:55 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 31 6:29 1996

Vial: 39  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.60	0	1106	N.D.	0.041 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1548	1178	0.036	0.040
22) L6 Aroclor-1254 {3}	15.88	17.70	314	1330	0.010	0.033 #
Total Aroclor-1254			1863	3614	0.046	0.115
Average Aroclor-1254					0.023	0.038
23) L7 Aroclor-1260	13.97	18.33	914	110	0.026	0.003 #
24) L7 Aroclor-1260 {2}	14.77	0.00	261	0	0.006	N.D. #
25) L7 Aroclor-1260 {3}	17.98	22.07	63	20	0.001	0.000 #
Total Aroclor-1260			1238	130	0.034	0.004
Average Aroclor-1260					0.011	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



Quantitation Report

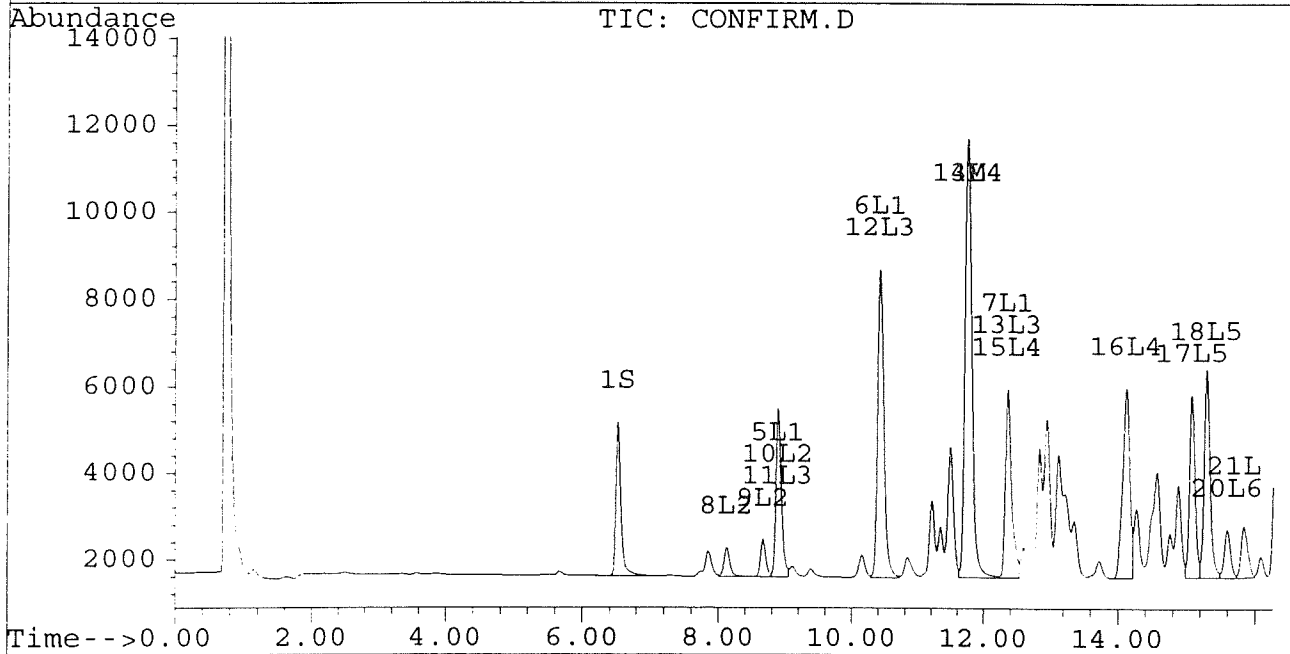
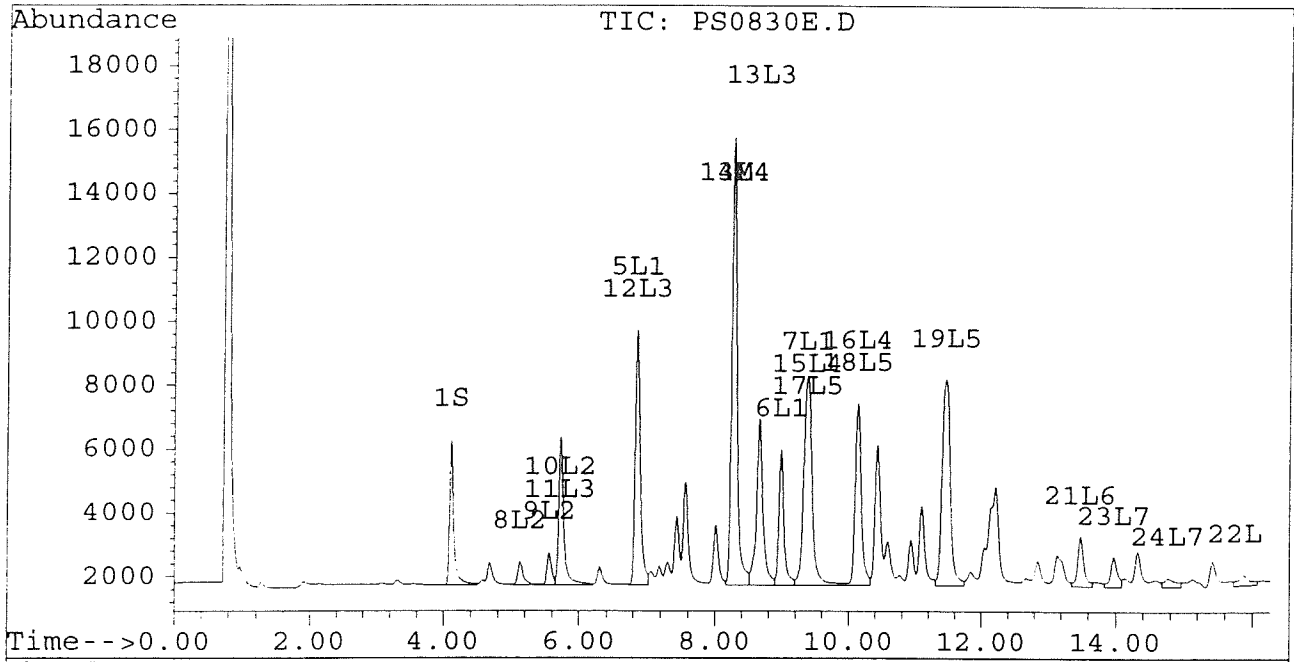
Signal #1 : D:\HPCHEM\5\AU29\PS0830E.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830E.D\CONFIRM.D  
Acq On : 31 Aug 96 05:55 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 31 6:29 1996

Vial: 39  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



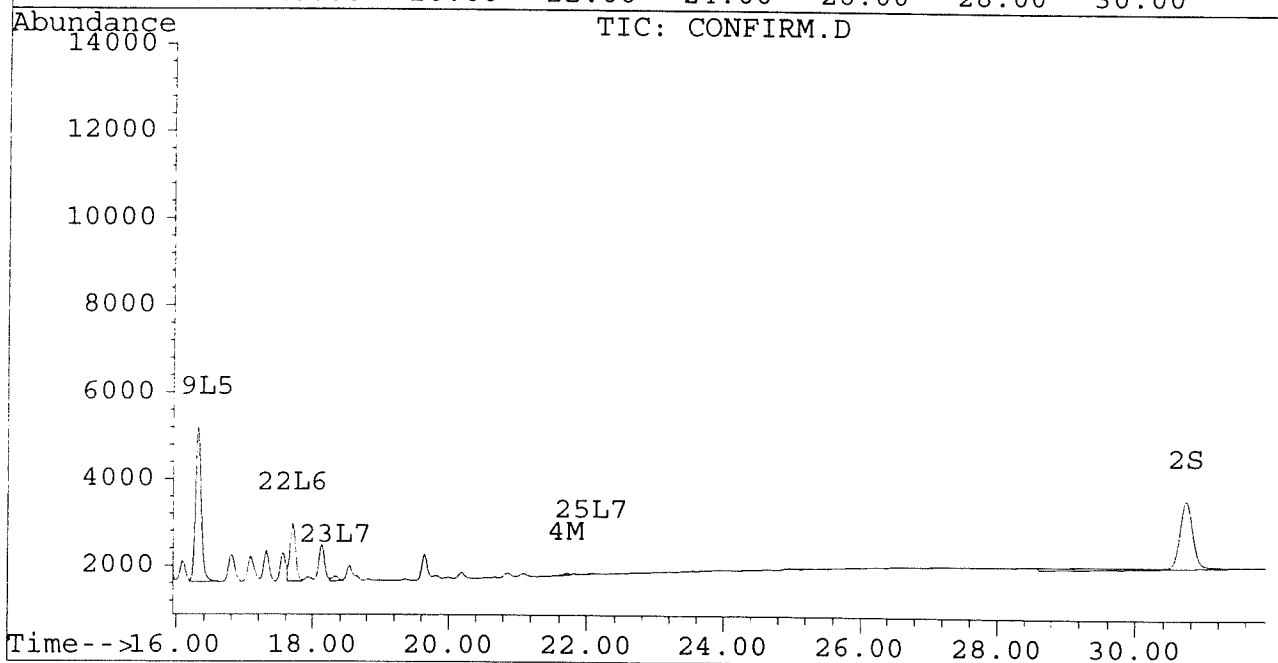
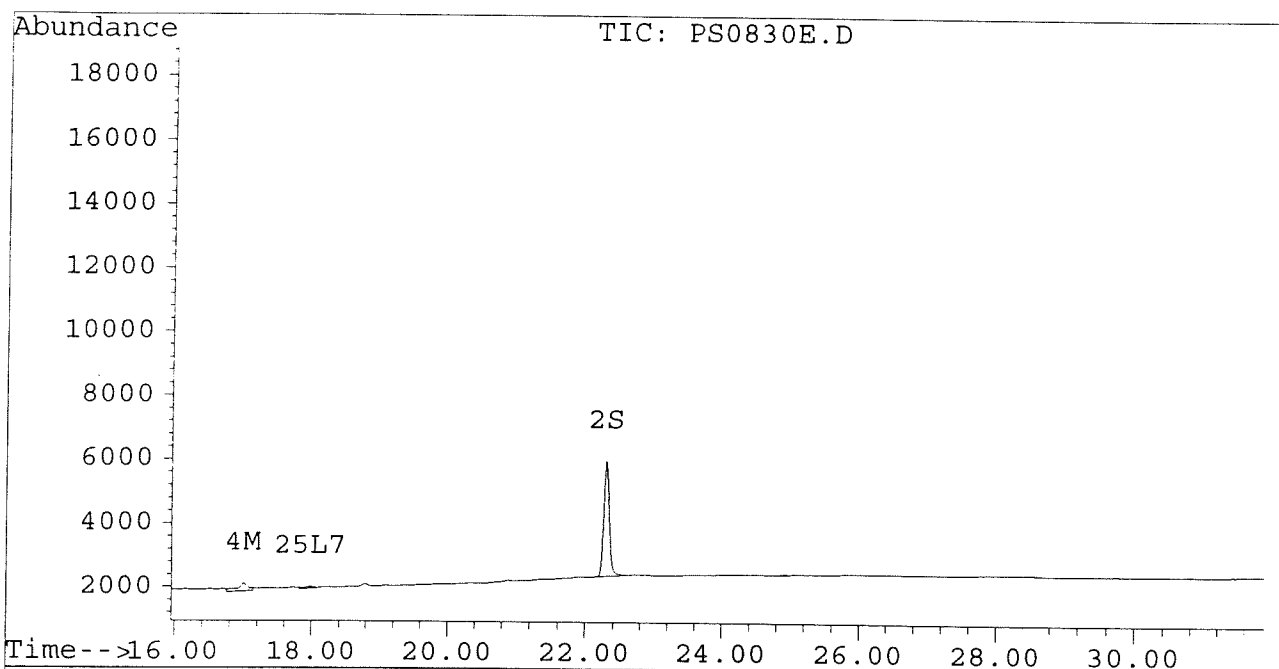
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830E.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830E.D\CONFIRM.D  
Acq On : 31 Aug 96 05:55 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 31 6:29 1996

Vial: 39  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830F.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830F.D\CONFIRM.D  
 Acq On : 31 Aug 96 06:30 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 31 7:04 1996

Vial: 40  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4883	3757	0.020	0.020
			Recovery	=	50.00%	50.00%
2) S Decachlorobiphenyl	22.30	30.72	3896	1690	0.018	0.019
			Recovery	=	45.00%	47.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.76	349	255	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	16.99	21.71	3314	2335	0.018	0.015
5) L1 Aroclor-1016	6.85	8.91	187	66	0.006	0.005
6) L1 Aroclor-1016 {2}	8.99	10.44	104	164	0.006	0.006
7) L1 Aroclor-1016 {3}	9.35f	12.37	6156	84	0.237	0.005 #
Total Aroclor-1016			6447	314	0.249	0.016
Average Aroclor-1016					0.083	0.005
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.91	79	66	0.004	0.004
Total Aroclor-1221			79	66	0.004	0.004
Average Aroclor-1221					0.004	0.004
11) L3 Aroclor-1232	5.73	8.91	79	66	0.004	0.005
12) L3 Aroclor-1232 {2}	6.85	10.44	187	164	0.014	0.014
13) L3 Aroclor-1232 {3}	8.66	12.37	126	84	0.015	0.012
Total Aroclor-1232			392	314	0.033	0.030
Average Aroclor-1232					0.011	0.010
14) L4 Aroclor-1242	8.27	11.76	349	255	0.008	0.009
15) L4 Aroclor-1242 {2}	9.35	12.37	6156	84	0.316	0.006 #
16) L4 Aroclor-1242 {3}	10.13	14.13	3037	2622	0.180	0.197
Total Aroclor-1242			9542	2961	0.505	0.212
Average Aroclor-1242					0.168	0.071
17) L5 Aroclor-1248	9.35	15.08	6156	3850	0.193	0.171
18) L5 Aroclor-1248 {2}	10.13	15.30	3037	1208	0.111	0.052 #
19) L5 Aroclor-1248 {3}	11.41	16.31	11444	791	0.329	0.044 #
Total Aroclor-1248			20637	5849	0.633	0.267
Average Aroclor-1248					0.211	0.089

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830F.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830F.D\CONFIRM.D  
 Acq On : 31 Aug 96 06:30 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 31 7:04 1996

Vial: 40  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	10743	9298	0.344	0.344
21) L6 Aroclor-1254 {2}	13.48	15.84	15222	9930	0.352	0.341
22) L6 Aroclor-1254 {3}	15.87	17.69	11020	13805	0.343	0.347
Total Aroclor-1254			36985	33032	1.040	1.032
Average Aroclor-1254					0.347	0.344
23) L7 Aroclor-1260	13.98	18.33	6941	5040	0.200	0.158
24) L7 Aroclor-1260 {2}	14.76	18.64	6187	5511	0.152	0.153
25) L7 Aroclor-1260 {3}	17.97	22.07	1525	997	0.026	0.019 #
Total Aroclor-1260			14654	11548	0.379	0.329
Average Aroclor-1260					0.126	0.110
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

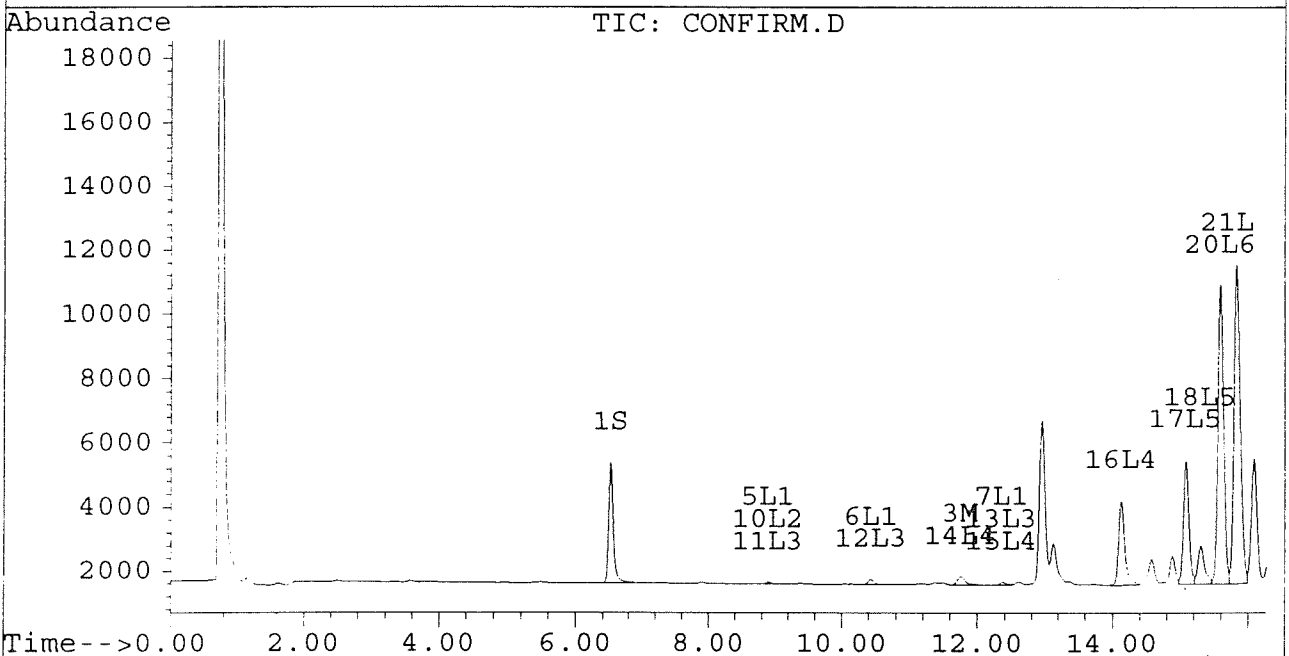
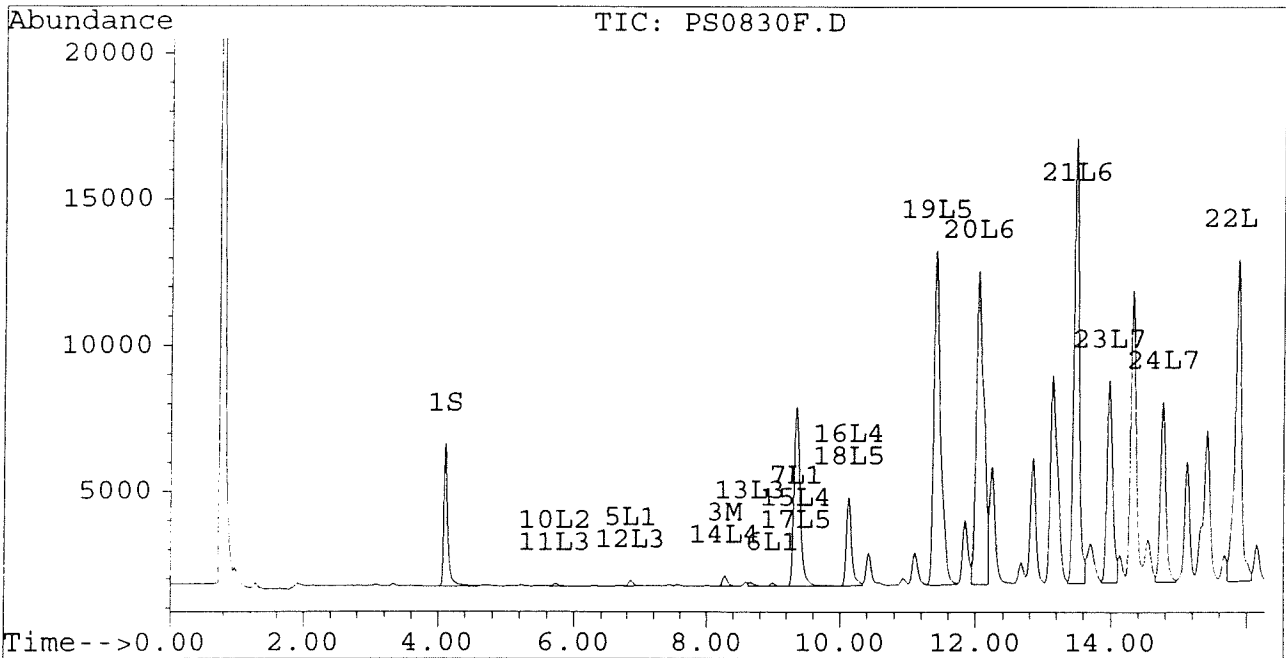
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Signal #2 : D:\HPCHEM\5\AU29\PS0830F.D\CONFIRM.D  
Acq On : 31 Aug 96 06:30 AM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 31 7:04 1996

Vial: 40  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

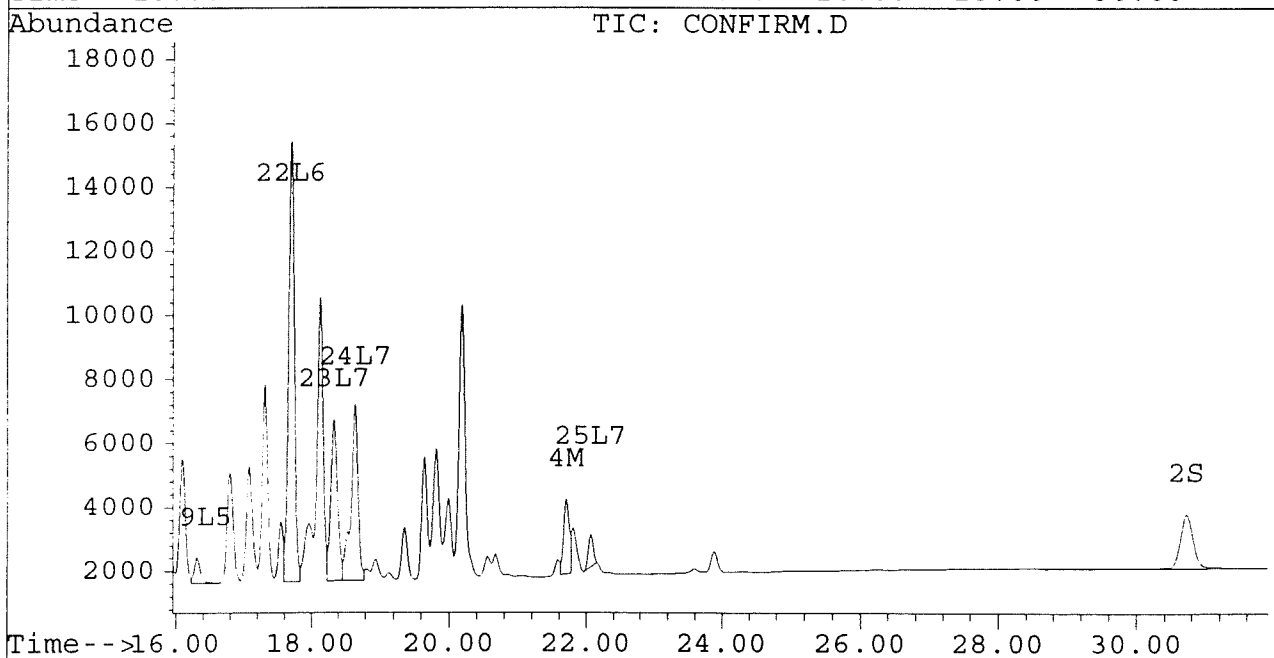
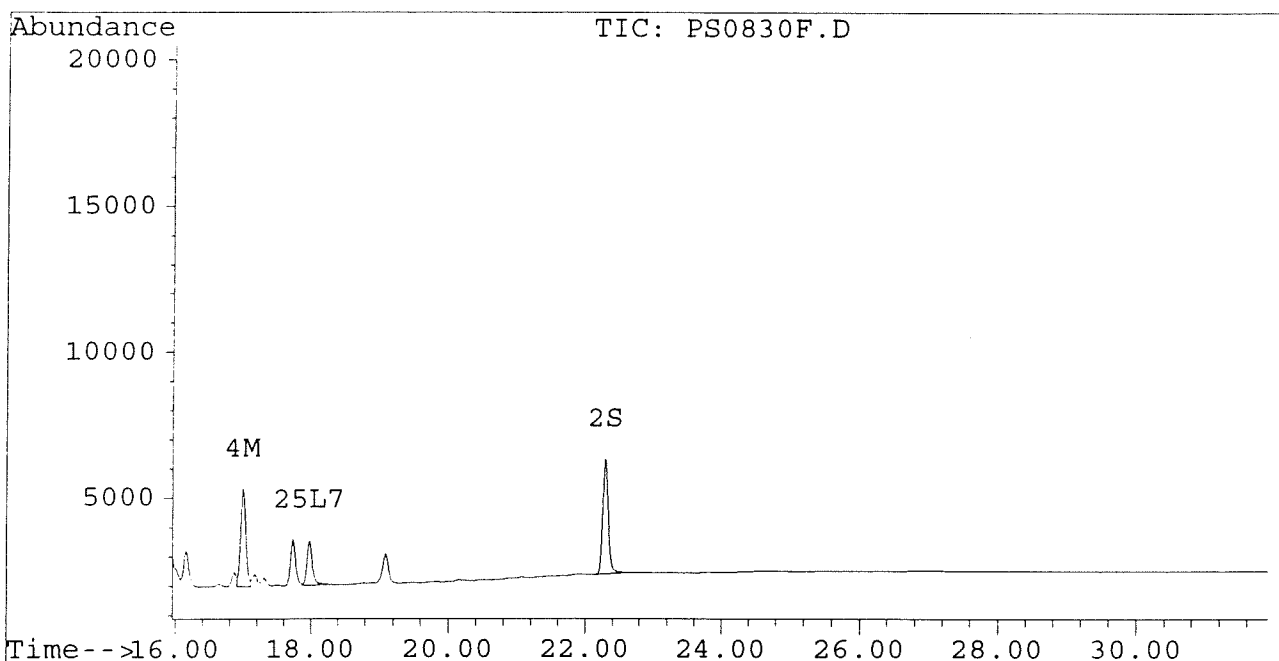
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Signal #2 : D:\HPCHEM\5\AU29\PS0830F.D\CONFIRM.D  
Acq On : 31 Aug 96 06:30 AM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 31 7:04 1996

Vial: 40  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830G.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830G.D\CONFIRM.D  
 Acq On : 31 Aug 96 01:02 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 31 13:36 1996

Vial: 73  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	4225	3406	0.018	0.018
			Recovery	=	45.00%	45.00%
2) S Decachlorobiphenyl	22.29	30.71	3282	1416	0.016	0.016
			Recovery	=	40.00%	40.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	13567	10040	0.124	0.105
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	189	0	0.001	N.D. #
5) L1 Aroclor-1016	6.85	8.90	7686	3840	0.240	0.285
6) L1 Aroclor-1016 {2}	8.98	10.43	4103	6866	0.234	0.246
7) L1 Aroclor-1016 {3}	9.38	12.36	6312	4291	0.243	0.249
Total Aroclor-1016			18102	14997	0.717	0.780
Average Aroclor-1016					0.239	0.260
8) L2 Aroclor-1221	5.13	8.12	678	653	0.097	0.107
9) L2 Aroclor-1221 {2}	5.56	8.67	950	839	0.163	0.172
10) L2 Aroclor-1221 {3}	5.73	8.90	4460	3840	0.221	0.250
Total Aroclor-1221			6088	5333	0.480	0.529
Average Aroclor-1221					0.160	0.176
11) L3 Aroclor-1232	5.73	8.90	4460	3840	0.244	0.268
12) L3 Aroclor-1232 {2}	6.85	10.43	7686	6866	0.563	0.571
13) L3 Aroclor-1232 {3}	8.66	12.36	5061	4291	0.611	0.619
Total Aroclor-1232			17207	14997	1.419	1.458
Average Aroclor-1232					0.473	0.486
14) L4 Aroclor-1242	8.27	11.77	13567	10040	0.328	0.337
15) L4 Aroclor-1242 {2}	9.38	12.36	6312	4291	0.324	0.325
16) L4 Aroclor-1242 {3}	10.13	14.13	5446	4243	0.322	0.319
Total Aroclor-1242			25326	18573	0.974	0.980
Average Aroclor-1242					0.325	0.327
17) L5 Aroclor-1248	9.38	15.08	6312	4141	0.198	0.184
18) L5 Aroclor-1248 {2}	10.13	15.30	5446	4725	0.199	0.202
19) L5 Aroclor-1248 {3}	11.46	16.30	6154	3494	0.177	0.196
Total Aroclor-1248			17913	12359	0.574	0.582
Average Aroclor-1248					0.191	0.194

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830G.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830G.D\CONFIRM.D  
 Acq On : 31 Aug 96 01:02 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 31 13:36 1996

Vial: 73  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.59	0	1064	N.D.	0.039 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1376	1131	0.032	0.039
22) L6 Aroclor-1254 {3}	15.87	17.69	223	1278	0.007	0.032 #
Total Aroclor-1254			1599	3473	0.039	0.110
Average Aroclor-1254					0.019	0.037
23) L7 Aroclor-1260	13.97	18.33	772	115	0.022	0.004 #
24) L7 Aroclor-1260 {2}	14.77	0.00	152	0	0.004	N.D. #
25) L7 Aroclor-1260 {3}	17.97	22.07	27	18	0.000	0.000 #
Total Aroclor-1260			950	133	0.026	0.004
Average Aroclor-1260					0.009	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.06	0	77	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



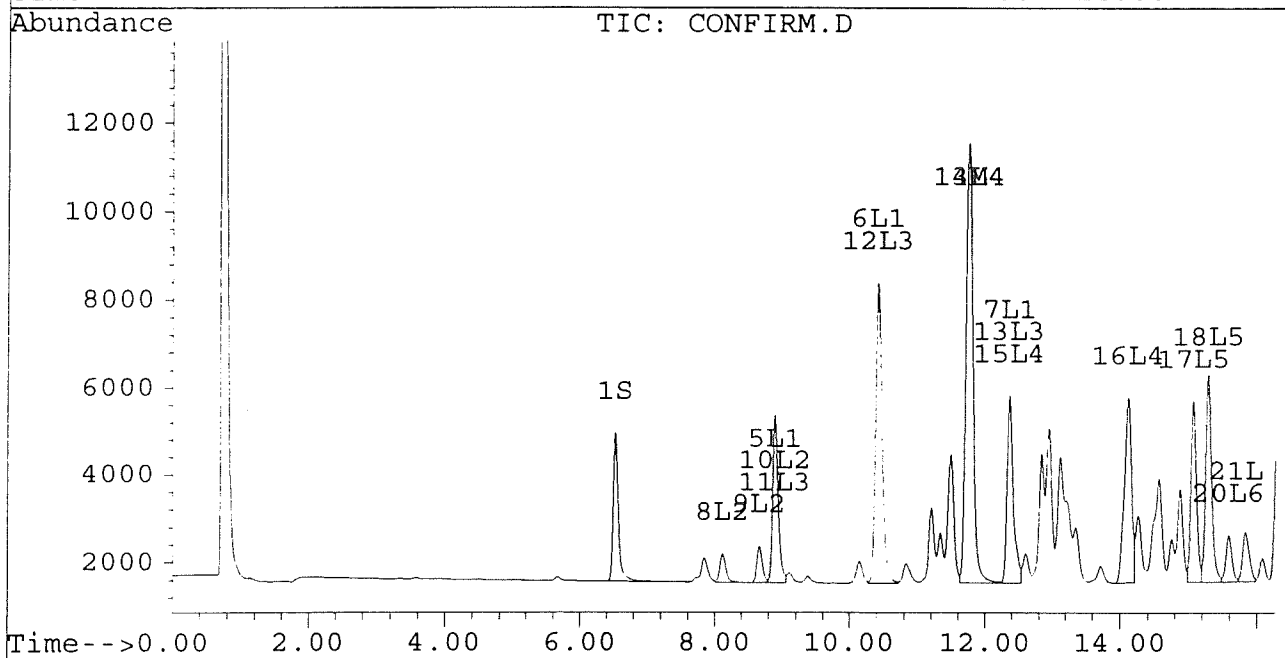
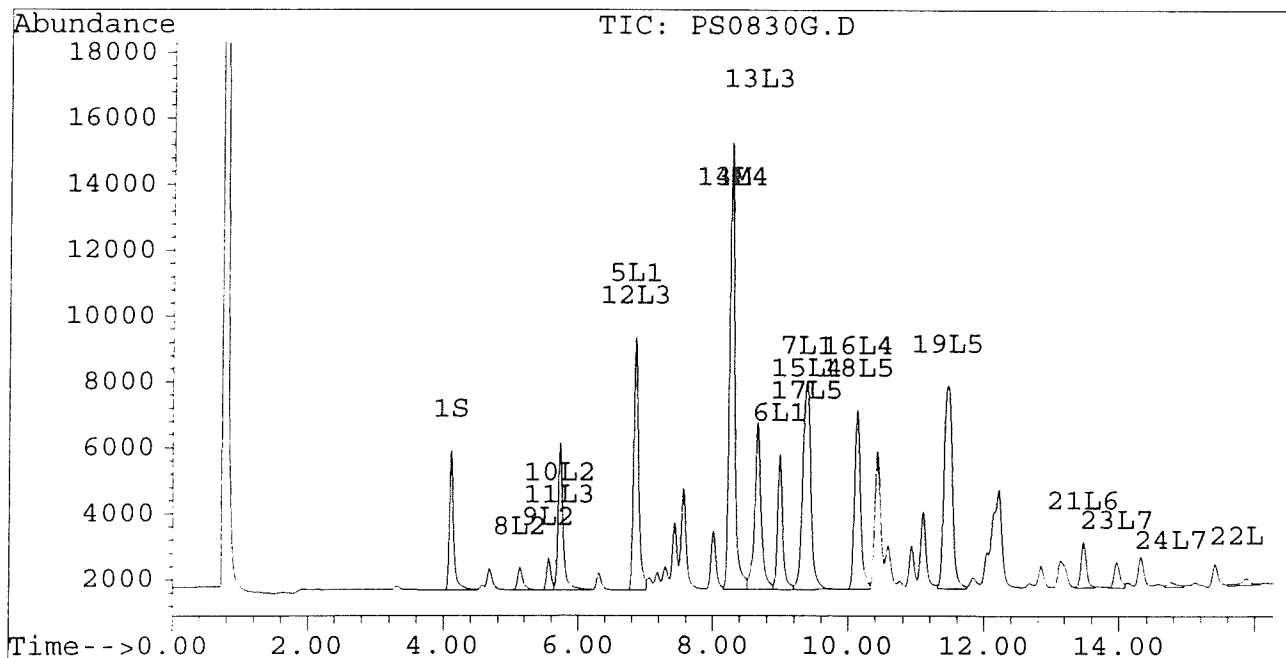
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830G.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830G.D\CONFIRM.D  
Acq On : 31 Aug 96 01:02 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 31 13:36 1996

Vial: 73  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



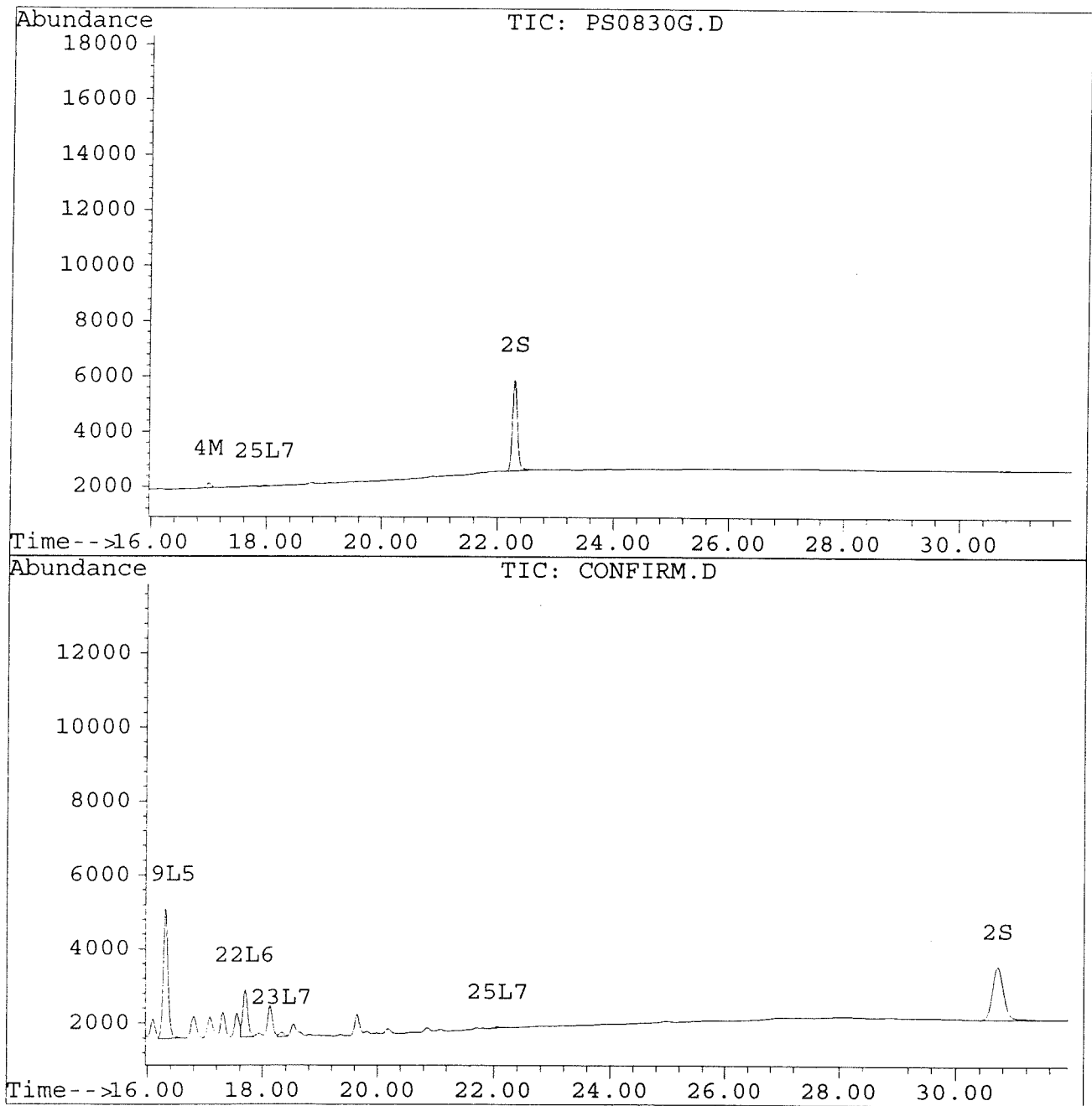
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830G.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830G.D\CONFIRM.D  
Acq On : 31 Aug 96 01:02 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Aug 31 13:36 1996

Vial: 73  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830H.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830H.D\CONFIRM.D  
 Acq On : 31 Aug 96 01:38 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 31 14:12 1996

Vial: 74  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4275	3379	0.018	0.018
			Recovery	=	45.00%	45.00%
2) S Decachlorobiphenyl	22.29	30.71	3337	1426	0.016	0.016
			Recovery	=	40.00%	40.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.76	325	240	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	2983	2119	0.016	0.014
5) L1 Aroclor-1016	6.85	8.90	173	61	0.005	0.005
6) L1 Aroclor-1016 {2}	8.99	10.43	95	150	0.005	0.005
7) L1 Aroclor-1016 {3}	9.34f	12.37	5740	76	0.221	0.004 #
Total Aroclor-1016			6007	287	0.232	0.014
Average Aroclor-1016					0.077	0.005
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.90	72	61	0.004	0.004
Total Aroclor-1221			72	61	0.004	0.004
Average Aroclor-1221					0.004	0.004
11) L3 Aroclor-1232	5.73	8.90	72	61	0.004	0.004
12) L3 Aroclor-1232 {2}	6.85	10.43	173	150	0.013	0.012
13) L3 Aroclor-1232 {3}	8.65	12.37	116	76	0.014	0.011
Total Aroclor-1232			360	287	0.031	0.028
Average Aroclor-1232					0.010	0.009
14) L4 Aroclor-1242	8.27	11.76	325	240	0.008	0.008
15) L4 Aroclor-1242 {2}	9.34f	12.37	5740	76	0.295	0.006 #
16) L4 Aroclor-1242 {3}	10.12	14.13	2798	2428	0.166	0.182
Total Aroclor-1242			8863	2744	0.468	0.196
Average Aroclor-1242					0.156	0.065
17) L5 Aroclor-1248	9.34	15.08	5740	3607	0.180	0.160
18) L5 Aroclor-1248 {2}	10.12	15.30	2798	1143	0.102	0.049 #
19) L5 Aroclor-1248 {3}	11.41	16.31	10584	730	0.304	0.041 #
Total Aroclor-1248			19121	5480	0.587	0.250
Average Aroclor-1248					0.196	0.083
-----						

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830H.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830H.D\CONFIRM.D  
 Acq On : 31 Aug 96 01:38 PM  
 Sample : AR1254 T.O UG/ML  
 Misc :  
 Quant Time: Aug 31 14:12 1996

Vial: 74  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	9726	8454	0.311	0.313
21) L6 Aroclor-1254 {2}	13.48	15.83	13791	9230	0.319	0.317
22) L6 Aroclor-1254 {3}	15.87	17.69	9917	12771	0.309	0.321
Total Aroclor-1254			33435	30455	0.940	0.951
Average Aroclor-1254					0.313	0.317
23) L7 Aroclor-1260	13.97	18.32	6218	4611	0.179	0.144
24) L7 Aroclor-1260 {2}	14.76	18.64	5624	5091	0.138	0.142
25) L7 Aroclor-1260 {3}	17.97	22.06	1359	917	0.024	0.017 #
Total Aroclor-1260			13201	10618	0.341	0.303
Average Aroclor-1260					0.114	0.101
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

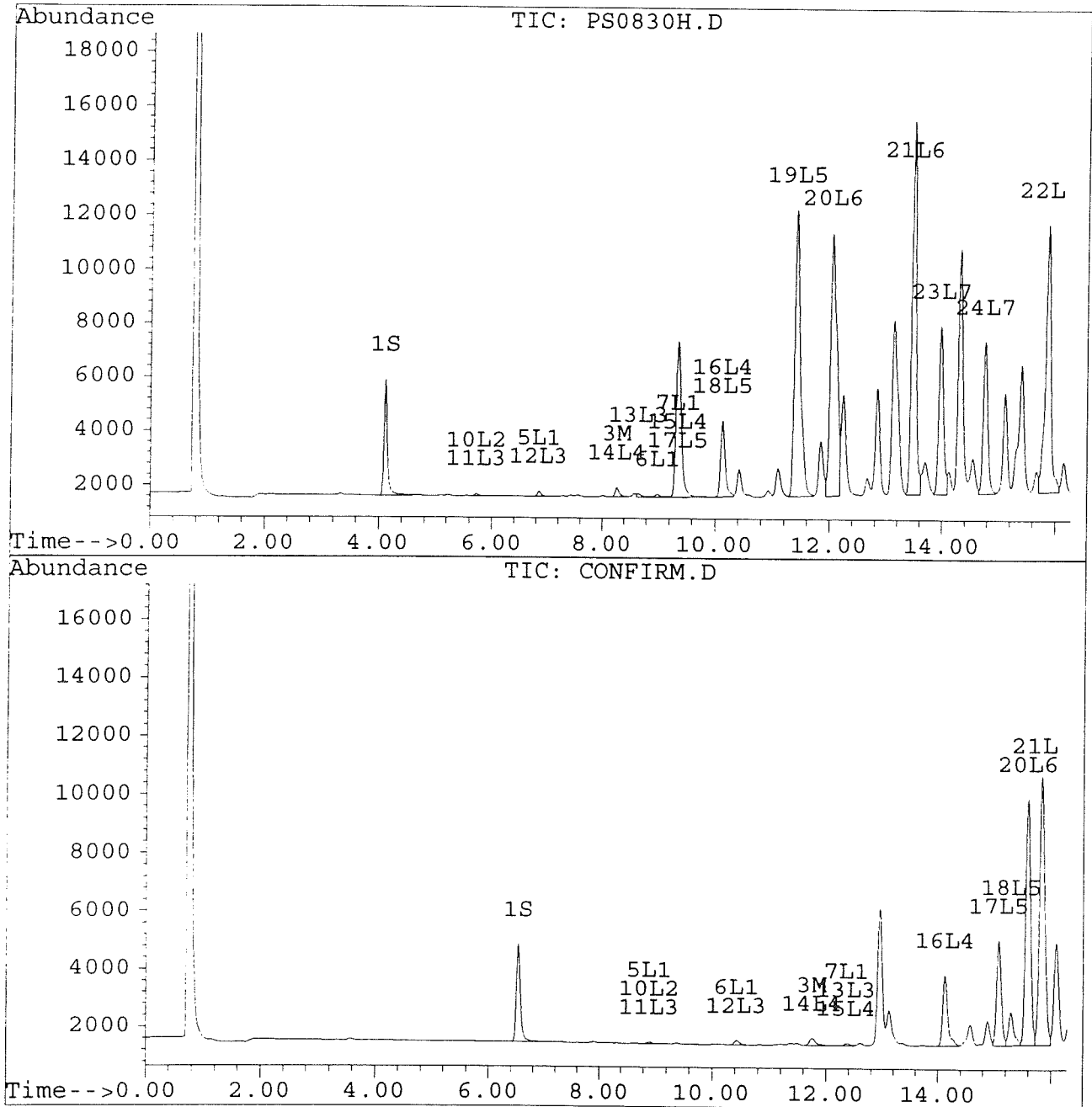
Signal #1 : D:\HPCHEM\5\AU29\PS0830H.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830H.D\CONFIRM.D  
 Acq On : 31 Aug 96 01:38 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Aug 31 14:12 1996

Vial: 74  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830I.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830I.D\CONFIRM.D  
 Acq On : 01 Sep 96 11:09 AM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 1 11:42 1996

Vial: 85  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	4769	3818	0.020	0.020
			Recovery	=	50.00%	50.00%
2) S Decachlorobiphenyl	22.30	30.72	2735	1401	0.013	0.016
			Recovery	=	32.50%	40.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	11.44	0.00	18	0	0.001	N.D. #
Total Aroclor-1248			18	0	0.001	N.D.
Average Aroclor-1248					0.001	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

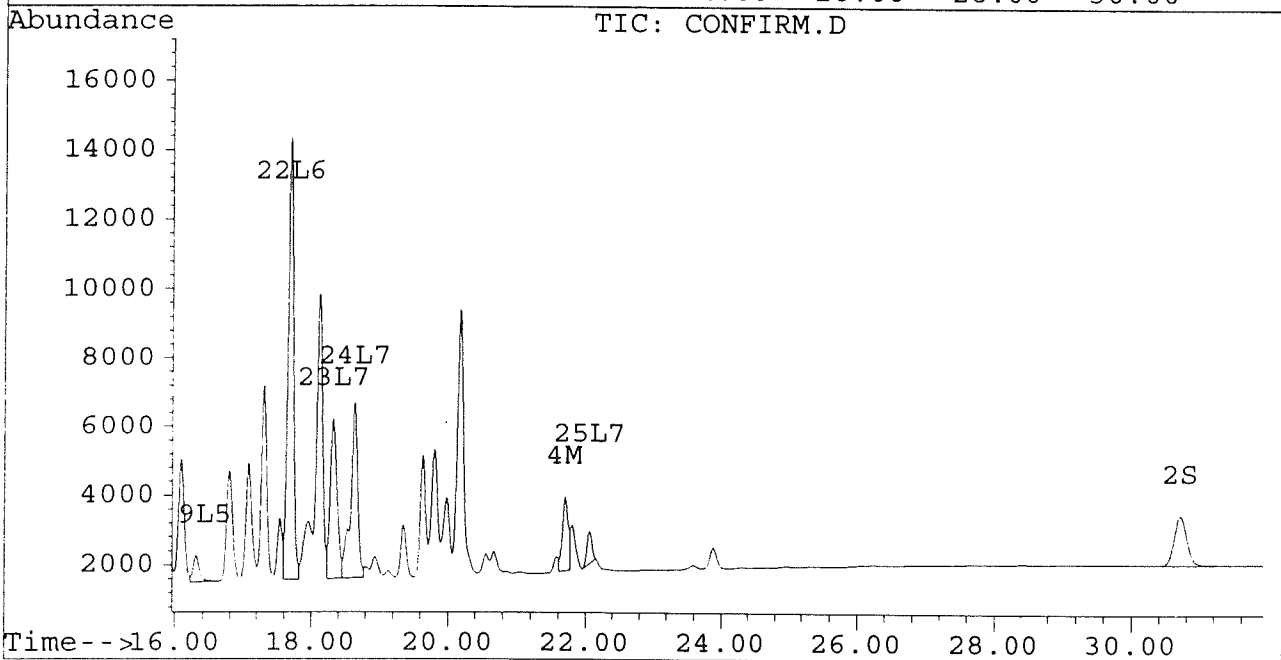
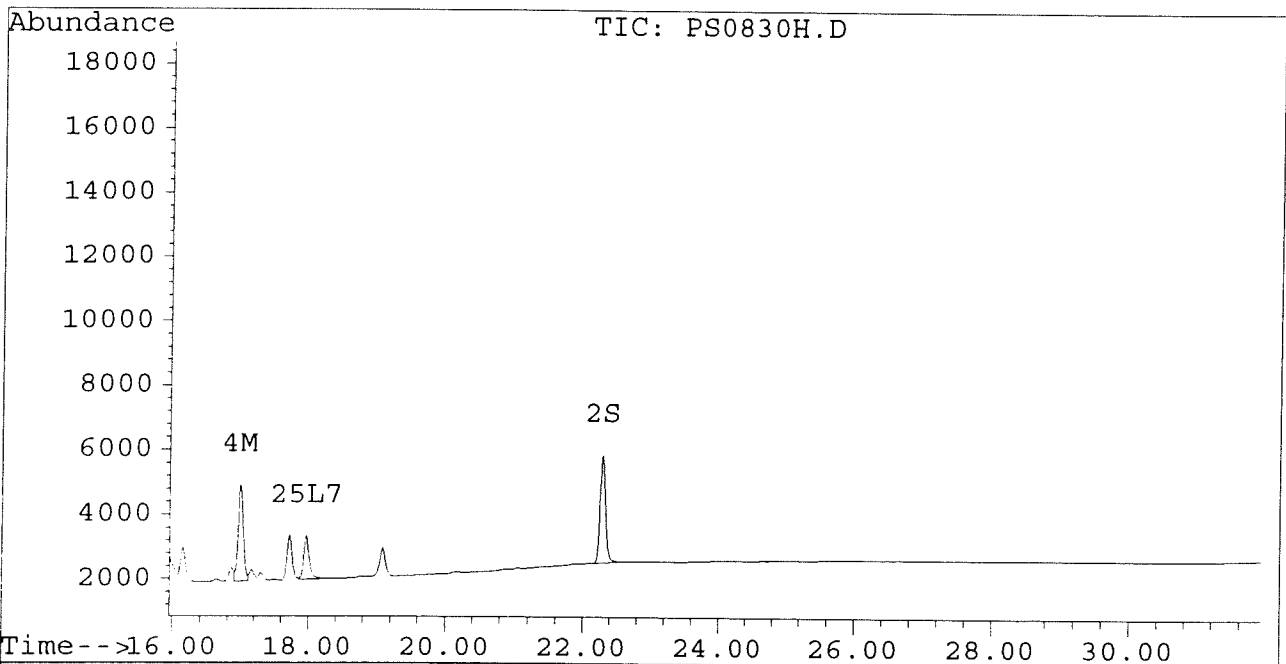
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830H.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830H.D\CONFIRM.D  
Acq On : 31 Aug 96 01:38 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Aug 31 14:12 1996

Vial: 74  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830I.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830I.D\CONFIRM.D  
 Acq On : 01 Sep 96 11:09 AM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 1 11:42 1996

Vial: 85  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	23.33	0	625	N.D.	0.145 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.11	0	350	N.D.	NoCal
Total Aroclor-1268			0	625	N.D.	0.145
Average Aroclor-1268					0.000	0.145



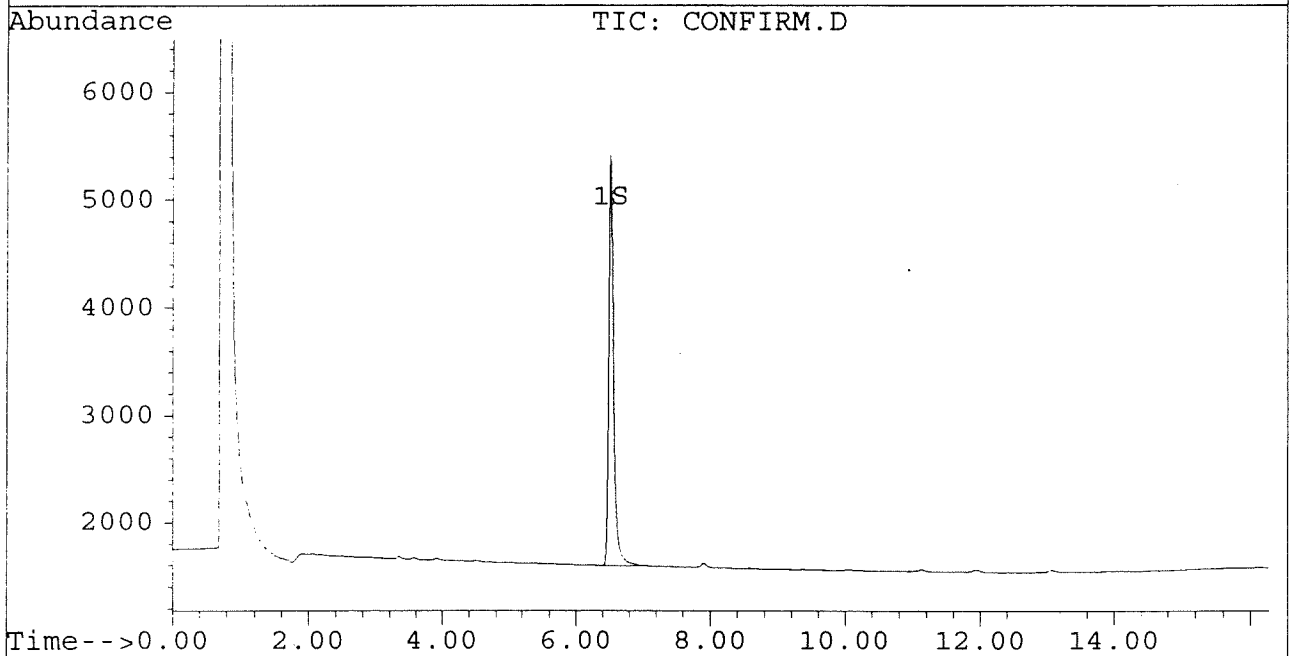
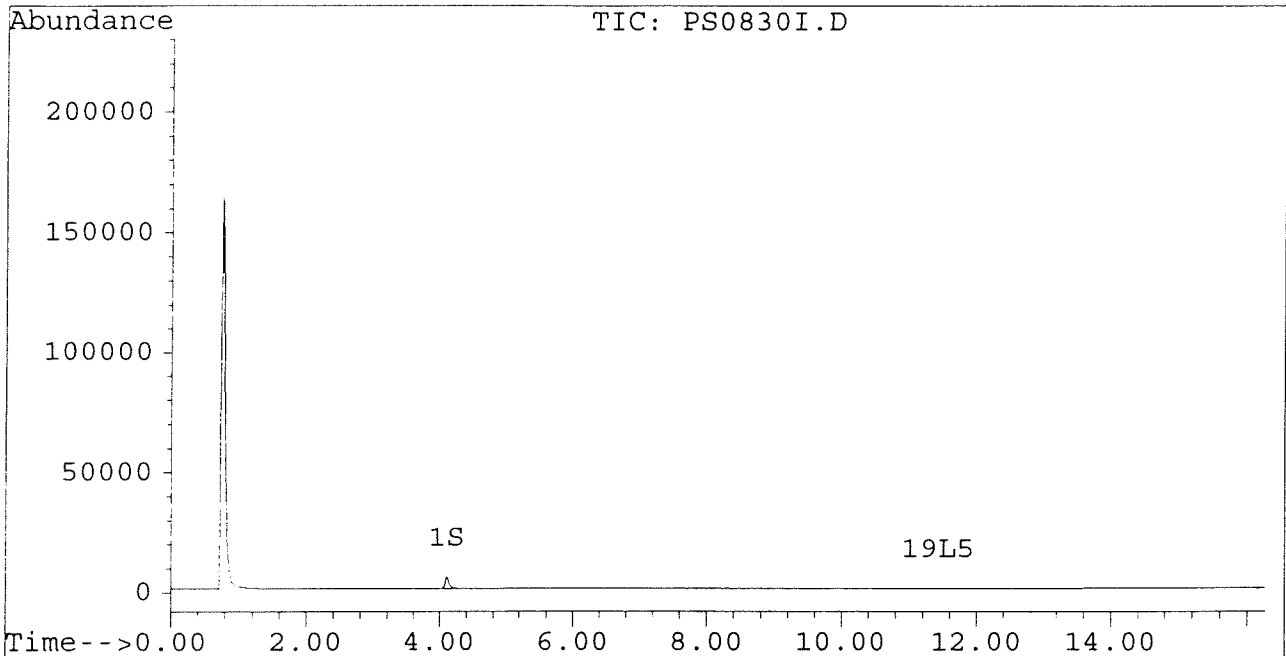
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830I.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830I.D\CONFIRM.D  
Acq On : 01 Sep 96 11:09 AM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 1 11:42 1996

Vial: 85  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



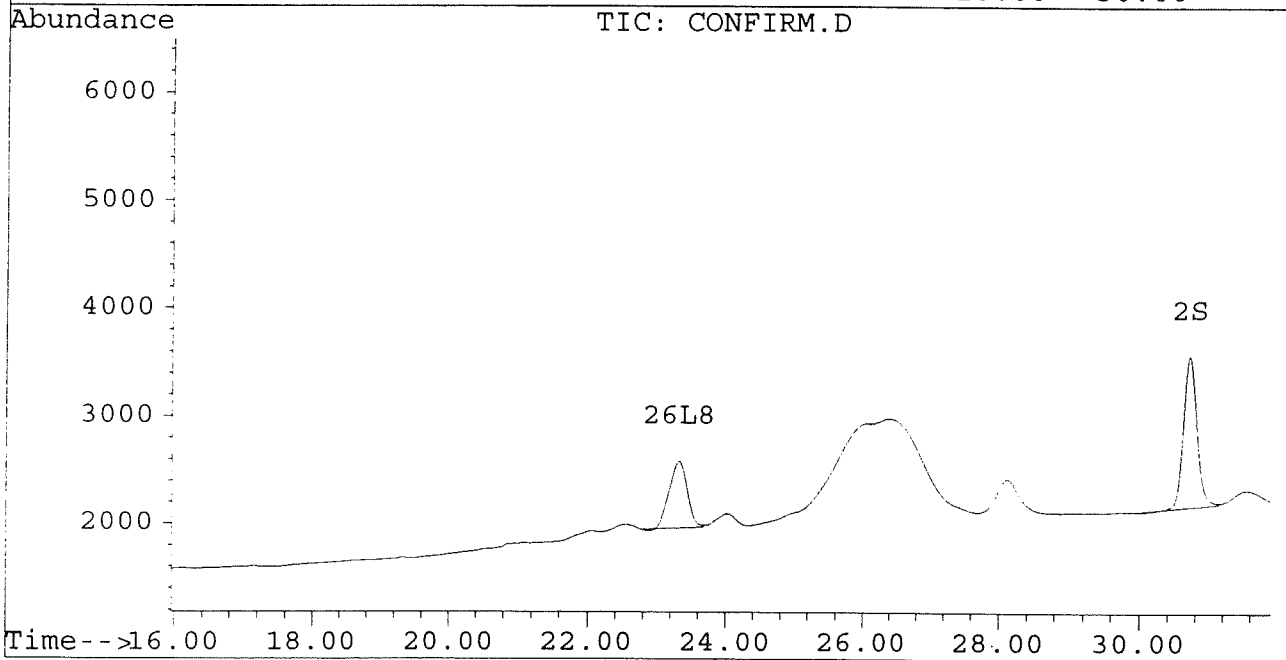
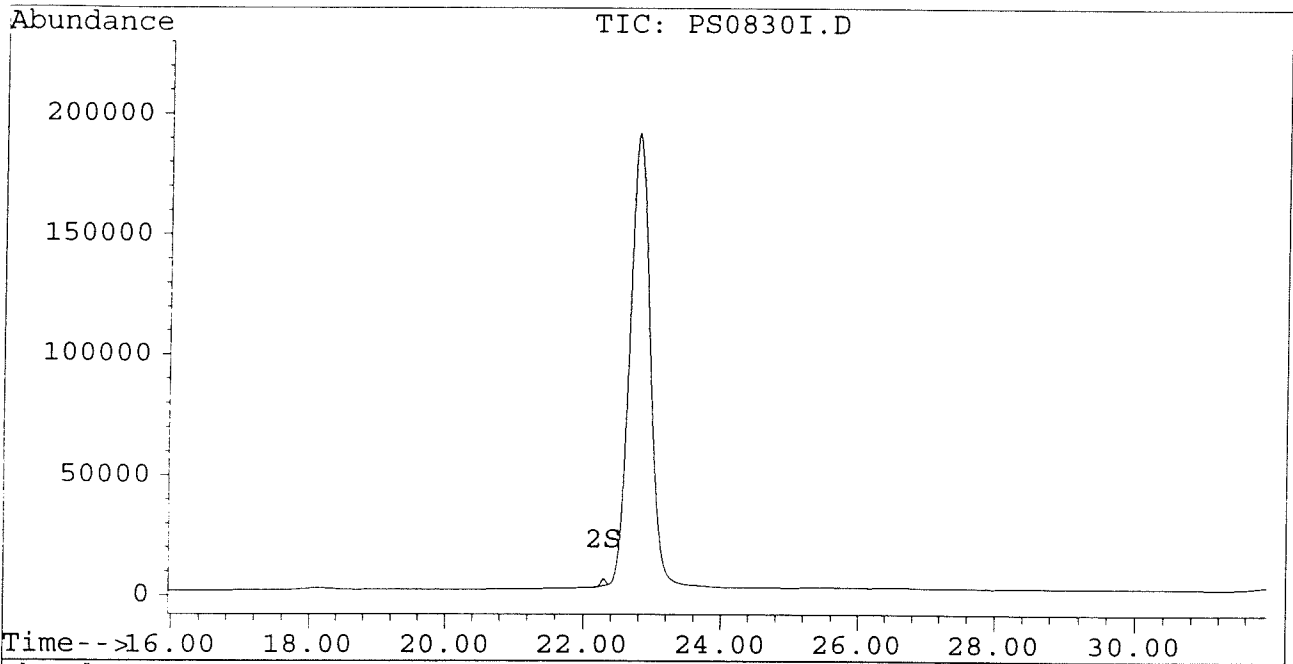
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830I.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830I.D\CONFIRM.D  
Acq On : 01 Sep 96 11:09 AM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 1 11:42 1996

Vial: 85  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

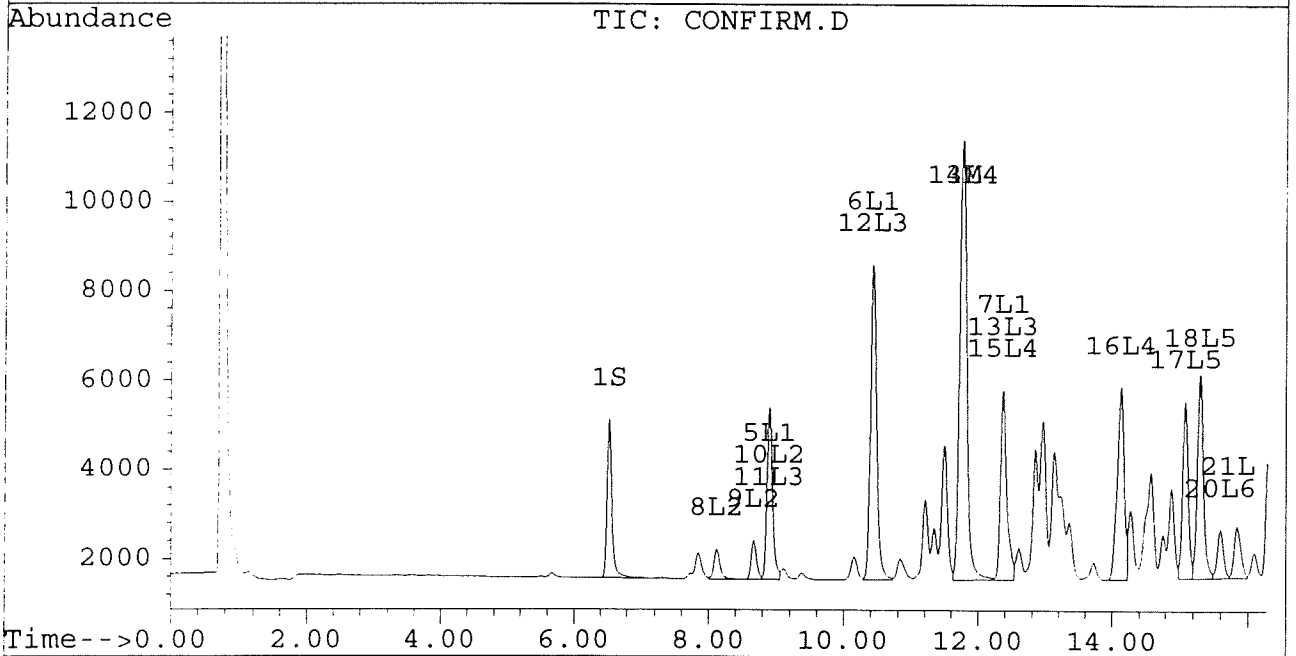
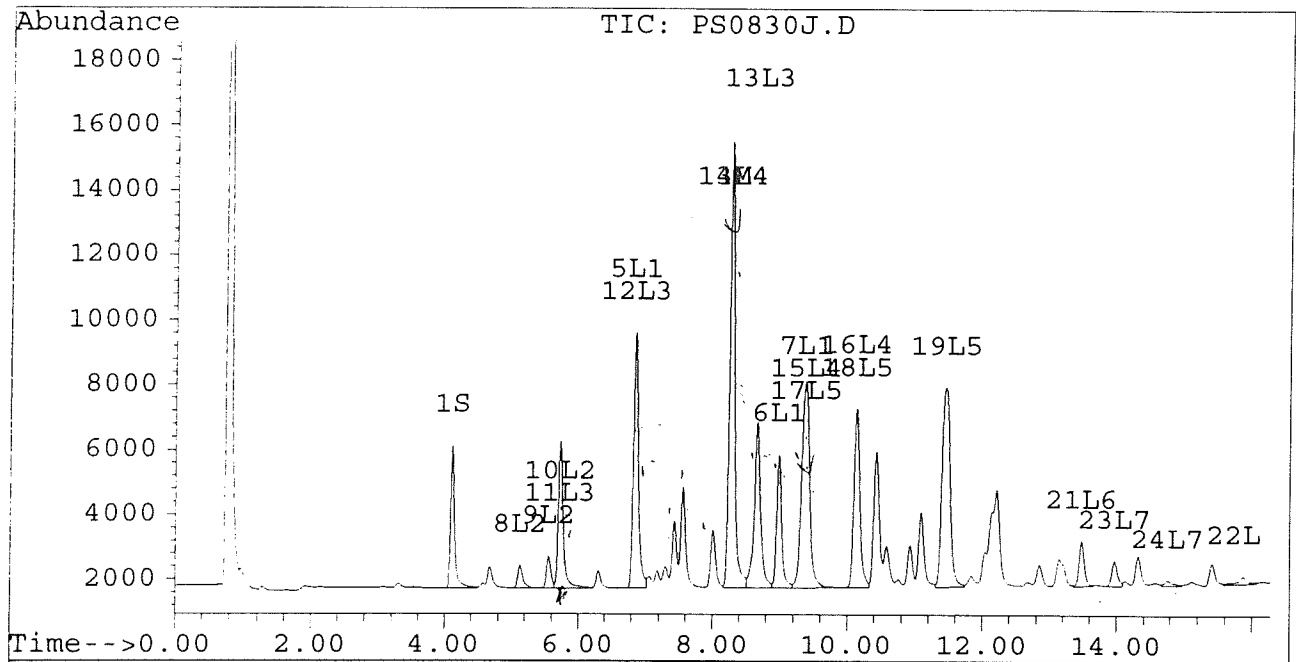
Signal #1 : D:\HPCHEM\5\AU29\PS0830J.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830J.D\CONFIRM.D  
Acq On : 01 Sep 96 11:44 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 1 12:18 1996

Vial: 73  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



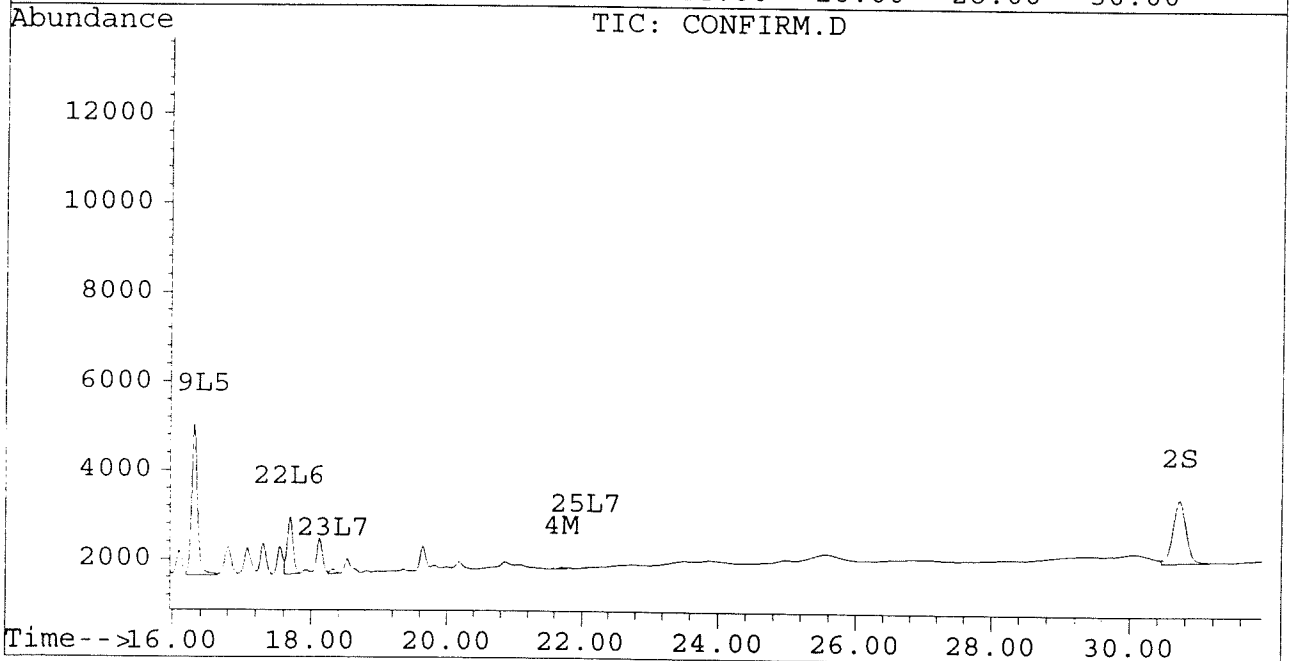
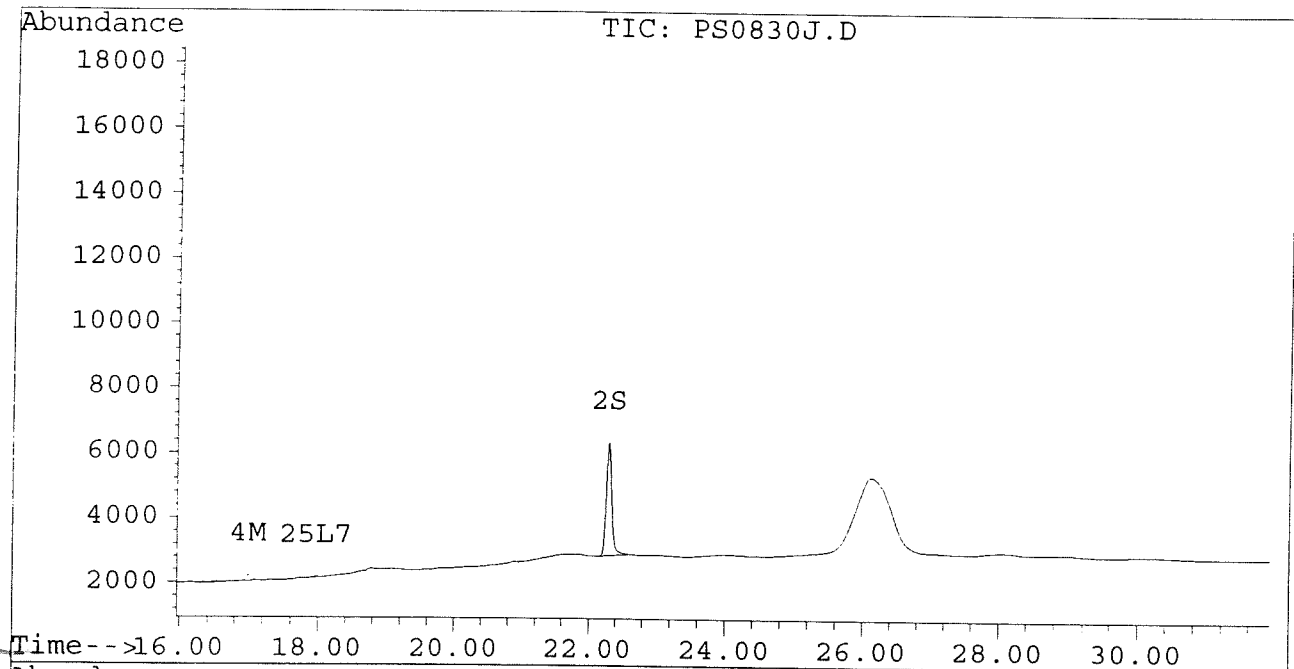
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830J.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830J.D\CONFIRM.D  
Acq On : 01 Sep\_96 11:44 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 1 12:18 1996

Vial: 73  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830J.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830J.D\CONFIRM.D  
 Acq On : 01 Sep 96 11:44 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 1 12:18 1996

Vial: 73  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	4404	3546	0.018	0.019
			Recovery	=	45.00%	47.50%
2) S Decachlorobiphenyl	22.30	30.72	3476	1413	0.016	0.016
			Recovery	=	40.00%	40.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	13762	9855	0.126	0.103
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	174	35	0.001	0.000 #
5) L1 Aroclor-1016	6.85	8.90	7896	3844	0.247	0.286
6) L1 Aroclor-1016 {2}	8.99	10.43	4117	7060	0.235	0.253
7) L1 Aroclor-1016 {3}	9.38	12.37	6364	4234	0.245	0.245
Total Aroclor-1016			18377	15137	0.727	0.784
Average Aroclor-1016					0.242	0.261
8) L2 Aroclor-1221	5.13	8.12	697	667	0.099	0.109
9) L2 Aroclor-1221 {2}	5.56	8.67	977	868	0.168	0.178
10) L2 Aroclor-1221 {3}	5.72	8.90	4536	3844	0.224	0.250
Total Aroclor-1221			6210	5379	0.491	0.537
Average Aroclor-1221					0.164	0.179
11) L3 Aroclor-1232	5.72	8.90	4536	3844	0.249	0.268
12) L3 Aroclor-1232 {2}	6.85	10.43	7896	7060	0.579	0.588
13) L3 Aroclor-1232 {3}	8.66	12.37	5117	4234	0.618	0.611
Total Aroclor-1232			17549	15137	1.445	1.466
Average Aroclor-1232					0.482	0.489
14) L4 Aroclor-1242	8.27	11.77	13762	9855	0.332	0.331
15) L4 Aroclor-1242 {2}	9.38	12.37	6364	4234	0.327	0.320
16) L4 Aroclor-1242 {3}	10.13	14.13	5515	4293	0.326	0.323
Total Aroclor-1242			25641	18382	0.986	0.974
Average Aroclor-1242					0.329	0.325
17) L5 Aroclor-1248	9.38	15.08	6364	3960	0.200	0.176
18) L5 Aroclor-1248 {2}	10.13	15.30	5515	4543	0.201	0.195
19) L5 Aroclor-1248 {3}	11.46	16.31	6157	3394	0.177	0.190
Total Aroclor-1248			18037	11896	0.578	0.560
Average Aroclor-1248					0.193	0.187

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830J.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830J.D\CONFIRM.D  
 Acq On : 01 Sep 96 11:44 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 1 12:18 1996

Vial: 73  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.59	0	1073	N.D.	0.040 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1392	1132	0.032	0.039
22) L6 Aroclor-1254 {3}	15.87	17.69	217	1278	0.007	0.032 #
Total Aroclor-1254			1610	3483	0.039	0.111
Average Aroclor-1254					0.020	0.037
23) L7 Aroclor-1260	13.97	18.32	777	95	0.022	0.003 #
24) L7 Aroclor-1260 {2}	14.76	0.00	159	0	0.004	N.D. #
25) L7 Aroclor-1260 {3}	17.98	22.07	27	14	0.000	0.000 #
Total Aroclor-1260			962	110	0.027	0.003
Average Aroclor-1260					0.009	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.52	0	94	N.D.	NoCal
28) L8 Aroclor-1268 {3}	21.84	0.00	99	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830K.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830K.D\CONFIRM.D  
 Acq On : 01 Sep 96 12:20 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 1 12:54 1996

Vial: 74  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.09	6.52	4400	3612	0.018	0.019
			Recovery	=	45.00%	47.50%
2) S Decachlorobiphenyl	22.30	30.72	3620	1025	0.017	0.012 #
			Recovery	=	42.50%	30.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.76	337	244	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	3158	2220	0.017	0.014
5) L1 Aroclor-1016	6.85	8.90	182	63	0.006	0.005
6) L1 Aroclor-1016 {2}	8.99	10.43	99	161	0.006	0.006
7) L1 Aroclor-1016 {3}	9.34f	12.37	5936	81	0.229	0.005 #
Total Aroclor-1016			6218	305	0.240	0.015
Average Aroclor-1016					0.080	0.005
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.72	8.90	75	63	0.004	0.004
Total Aroclor-1221			75	63	0.004	0.004
Average Aroclor-1221					0.004	0.004
11) L3 Aroclor-1232	5.72	8.90	75	63	0.004	0.004
12) L3 Aroclor-1232 {2}	6.85	10.43	182	161	0.013	0.013
13) L3 Aroclor-1232 {3}	8.65	12.37	121	81	0.015	0.012
Total Aroclor-1232			378	305	0.032	0.029
Average Aroclor-1232					0.011	0.010
14) L4 Aroclor-1242	8.27	11.76	337	244	0.008	0.008
15) L4 Aroclor-1242 {2}	9.34f	12.37	5936	81	0.305	0.006 #
16) L4 Aroclor-1242 {3}	10.12	14.13	2919	2557	0.173	0.192
Total Aroclor-1242			9192	2881	0.486	0.206
Average Aroclor-1242					0.162	0.069
17) L5 Aroclor-1248	9.34	15.08	5936	3638	0.187	0.161
18) L5 Aroclor-1248 {2}	10.12	15.30	2919	1151	0.107	0.049 #
19) L5 Aroclor-1248 {3}	11.41	16.31	11039	744	0.317	0.042 #
Total Aroclor-1248			19894	5532	0.610	0.252
Average Aroclor-1248					0.203	0.084

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830K.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830K.D\CONFIRM.D  
 Acq On : 01 Sep 96 12:20 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 1 12:54 1996

Vial: 74  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	10167	8876	0.326	0.329
21) L6 Aroclor-1254 {2}	13.48	15.83	14402	9498	0.333	0.326
22) L6 Aroclor-1254 {3}	15.87	17.69	10396	13373	0.324	0.336
Total Aroclor-1254			34965	31747	0.983	0.991
Average Aroclor-1254					0.328	0.330
23) L7 Aroclor-1260	13.97	18.32	6504	4890	0.187	0.153
24) L7 Aroclor-1260 {2}	14.76	18.64	5829	5214	0.143	0.145
25) L7 Aroclor-1260 {3}	17.97	22.06	1448	957	0.025	0.018 #
Total Aroclor-1260			13780	11061	0.356	0.316
Average Aroclor-1260					0.119	0.105
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



Quantitation Report

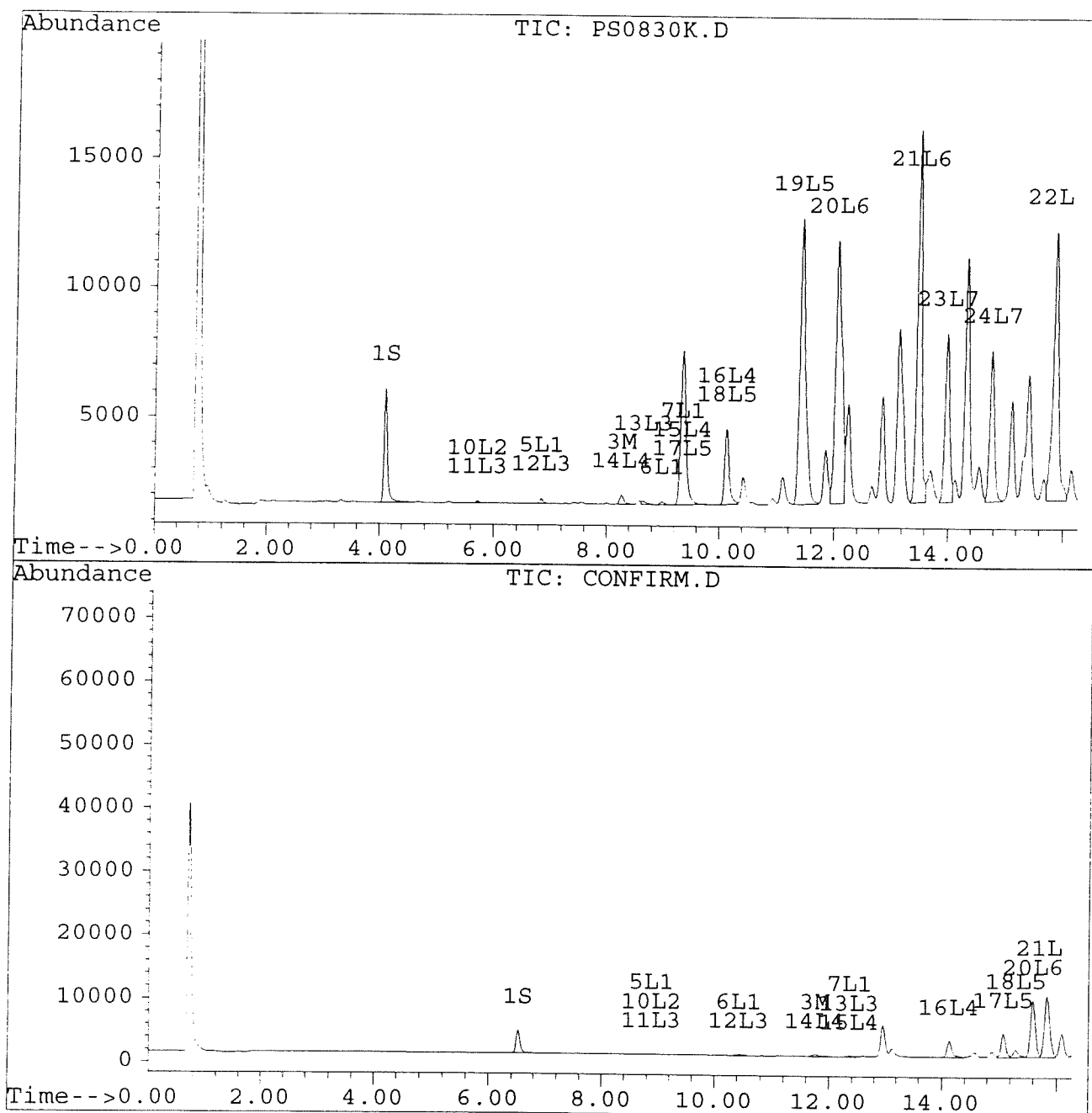
Signal #1 : D:\HPCHEM\5\AU29\PS0830K.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830K.D\CONFIRM.D  
Acq On : 01 Sep 96 12:20 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 1 12:54 1996

Vial: 74  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



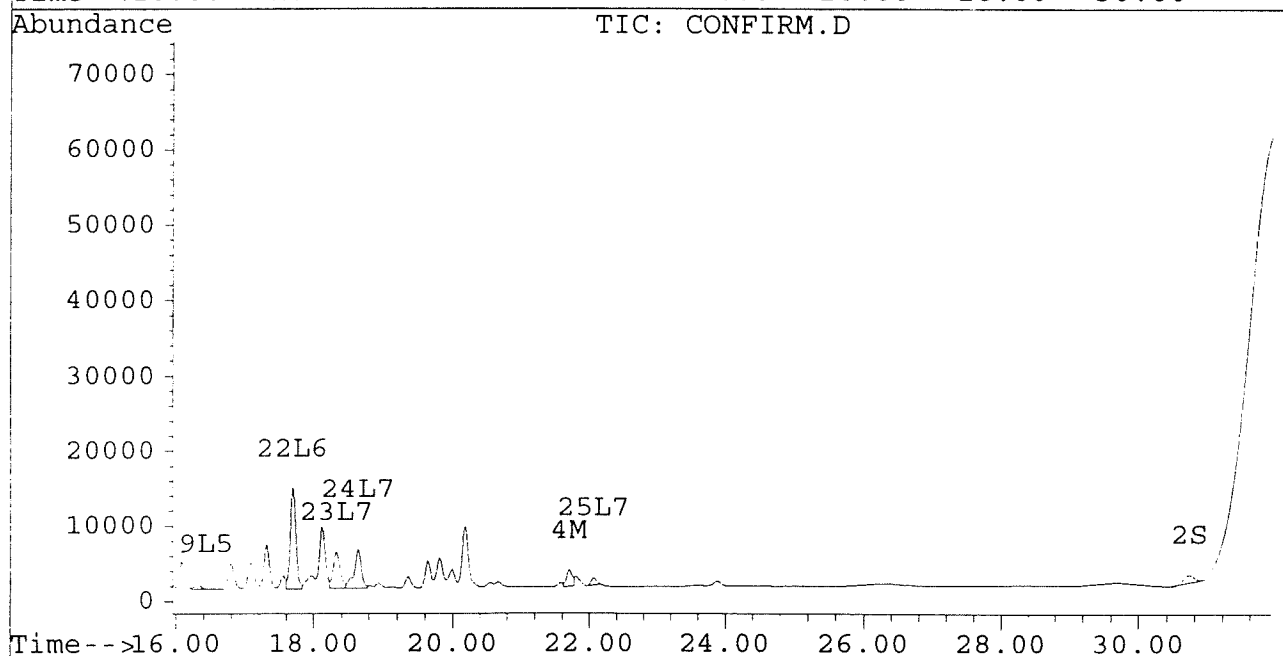
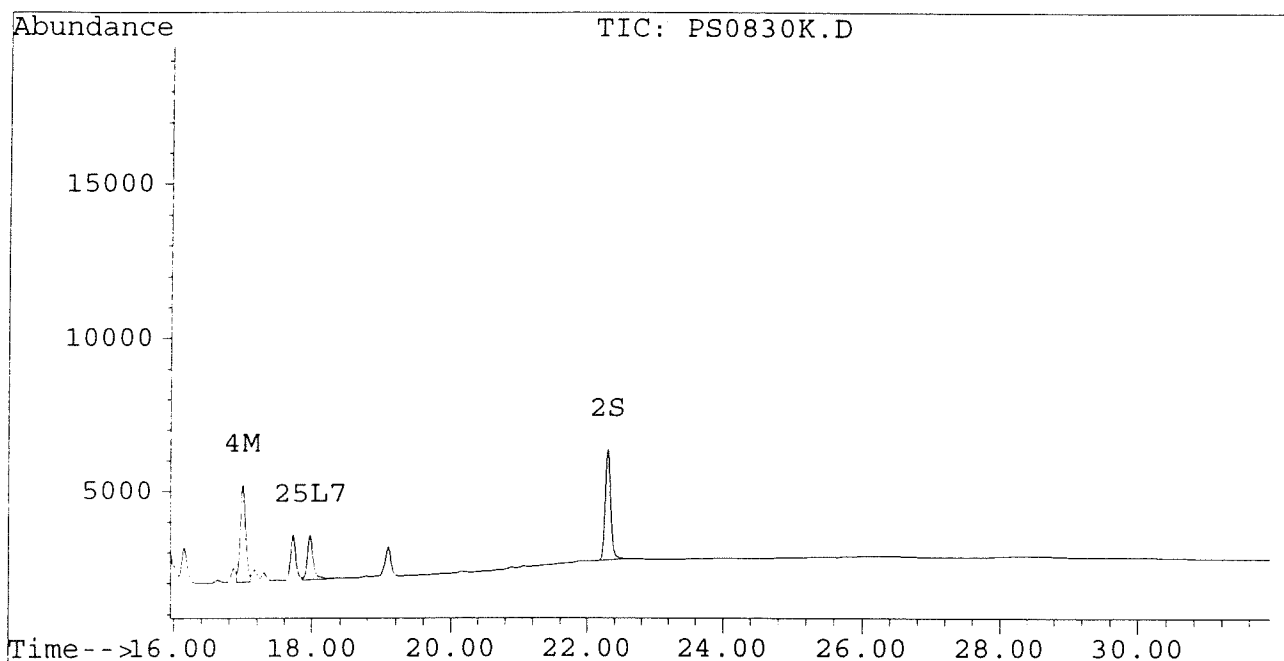
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830K.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830K.D\CONFIRM.D  
Acq On : 01 Sep 96 12:20 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 1 12:54 1996

Vial: 74  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830L.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830L.D\CONFIRM.D  
 Acq On : 01 Sep 96 06:49 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 1 19:23 1996

Vial: 96  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4222	3547	0.018	0.019
			Recovery	=	45.00%	47.50%
2) S Decachlorobiphenyl	22.30	30.72	3389	1392	0.016	0.016
			Recovery	=	40.00%	40.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	118	0	0.001	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	11.44	0.00	18	0	0.001	N.D. #
Total Aroclor-1248			18	0	0.001	N.D.
Average Aroclor-1248					0.001	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830L.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830L.D\CONFIRM.D  
 Acq On : 01 Sep 96 06:49 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 1 19:23 1996

Vial: 96  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	17.71	0	20	N.D.	0.001 #
Total Aroclor-1254			0	20	N.D.	0.001
Average Aroclor-1254					0.000	0.001
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	14.72f	0.00	37	0	0.001	N.D. #
25) L7 Aroclor-1260 {3}	0.00	22.09	0	11	N.D.	0.000 #
Total Aroclor-1260			37	11	0.001	0.000
Average Aroclor-1260					0.001	0.000
26) L8 Aroclor-1268	0.00	23.33	0	497	N.D.	0.116 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	497	N.D.	0.116
Average Aroclor-1268					0.000	0.116

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

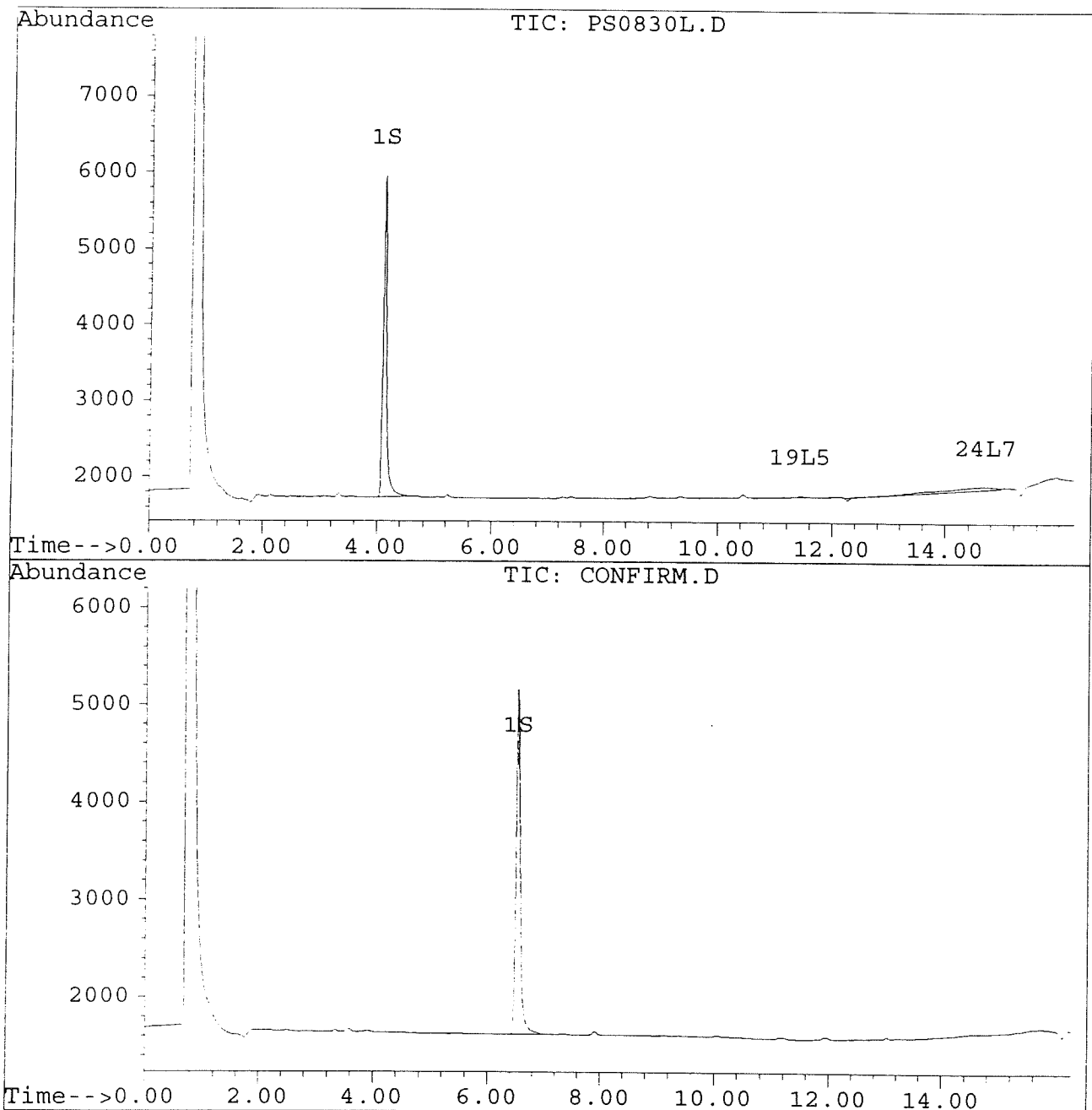
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830L.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830L.D\CONFIRM.D  
Acq On : 01 Sep 96 06:49 PM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 1 19:23 1996

Vial: 96  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



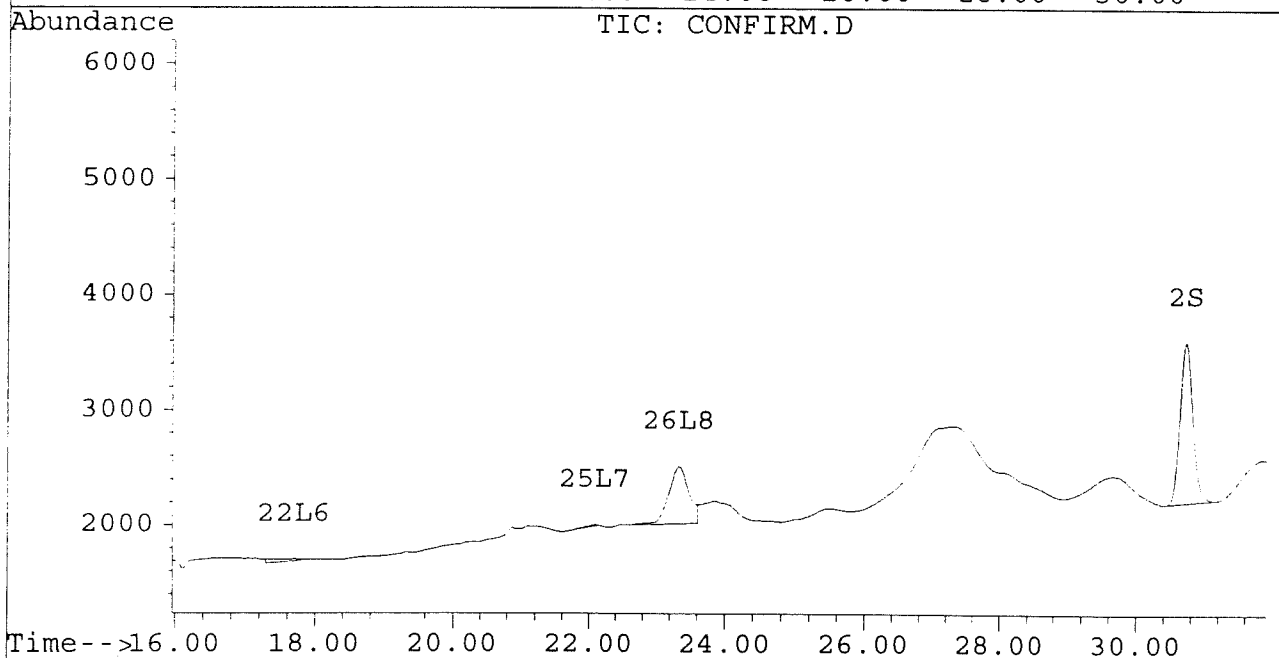
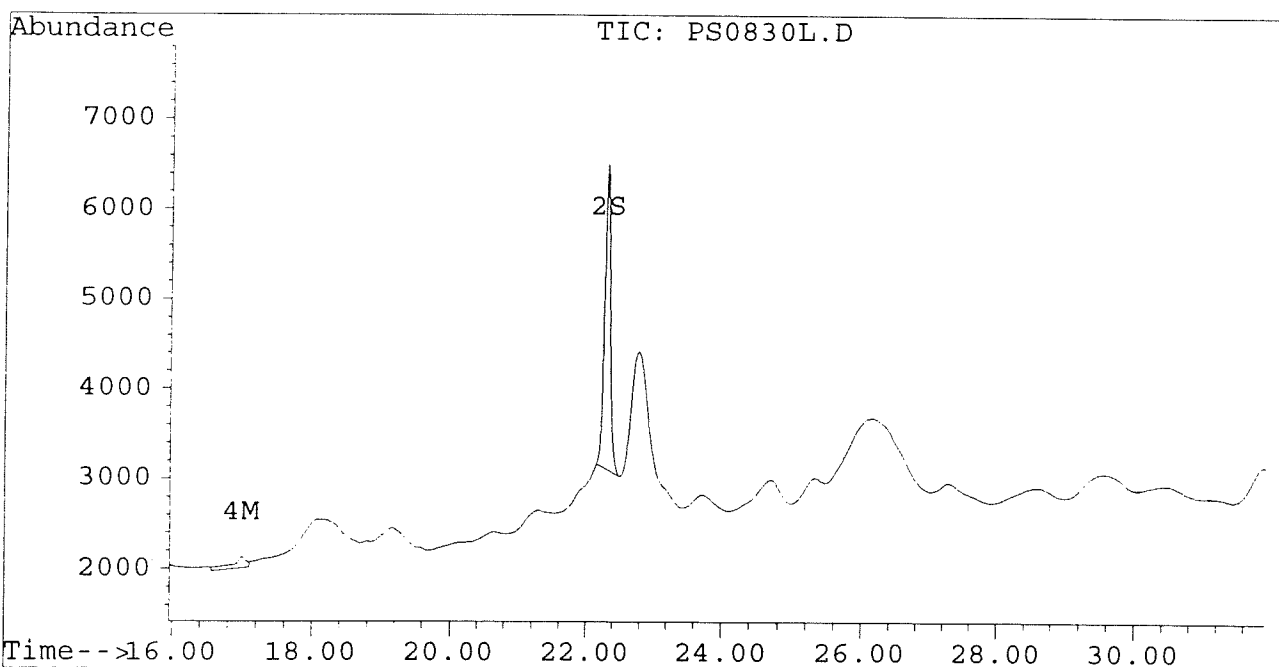
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830L.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830L.D\CONFIRM.D  
Acq On : 01 Sep 96 06:49 PM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 1 19:23 1996

Vial: 96  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830M.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830M.D\CONFIRM.D  
 Acq On : 01 Sep 96 07:24 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 1 19:58 1996

Vial: 97  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4090	3353	0.017	0.018
			Recovery	=	42.50%	45.00%
2) S Decachlorobiphenyl	22.30	30.72	3070	1287	0.015	0.015
			Recovery	=	37.50%	37.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	12937	9478	0.118	0.099
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	123	45	0.001	0.000 #
5) L1 Aroclor-1016	6.85	8.90	7453	3684	0.233	0.274
6) L1 Aroclor-1016 {2}	8.99	10.43	3880	6701	0.221	0.240
7) L1 Aroclor-1016 {3}	9.38	12.37	6061	4083	0.234	0.237
Total Aroclor-1016			17393	14469	0.688	0.750
Average Aroclor-1016					0.229	0.250
8) L2 Aroclor-1221	5.13	8.12	662	641	0.094	0.105
9) L2 Aroclor-1221 {2}	5.56	8.67	924	821	0.158	0.168
10) L2 Aroclor-1221 {3}	5.73	8.90	4300	3684	0.213	0.240
Total Aroclor-1221			5886	5145	0.466	0.513
Average Aroclor-1221					0.155	0.171
11) L3 Aroclor-1232	5.73	8.90	4300	3684	0.236	0.257
12) L3 Aroclor-1232 {2}	6.85	10.43	7453	6701	0.546	0.558
13) L3 Aroclor-1232 {3}	8.66	12.37	4794	4083	0.579	0.589
Total Aroclor-1232			16547	14469	1.361	1.404
Average Aroclor-1232					0.454	0.468
14) L4 Aroclor-1242	8.27	11.77	12937	9478	0.312	0.318
15) L4 Aroclor-1242 {2}	9.38	12.37	6061	4083	0.312	0.309
16) L4 Aroclor-1242 {3}	10.13	14.13	5229	4088	0.310	0.307
Total Aroclor-1242			24227	17649	0.933	0.934
Average Aroclor-1242					0.311	0.311
17) L5 Aroclor-1248	9.38	15.08	6061	3879	0.190	0.172
18) L5 Aroclor-1248 {2}	10.13	15.30	5229	4400	0.191	0.188
19) L5 Aroclor-1248 {3}	11.46	16.31	5863	3269	0.168	0.183
Total Aroclor-1248			17153	11548	0.550	0.544
Average Aroclor-1248					0.183	0.181

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830M.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830M.D\CONFIRM.D  
 Acq On : 01 Sep 96 07:24 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 1 19:58 1996

Vial: 97  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.60	0	1037	N.D.	0.038 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1294	1100	0.030	0.038 #
22) L6 Aroclor-1254 {3}	15.88	17.70	176	1213	0.005	0.030 #
Total Aroclor-1254			1469	3349	0.035	0.107
Average Aroclor-1254					0.018	0.036
23) L7 Aroclor-1260	13.97	18.33	705	87	0.020	0.003 #
24) L7 Aroclor-1260 {2}	14.77	0.00	118	0	0.003	N.D. #
25) L7 Aroclor-1260 {3}	17.98	22.07	28	14	0.000	0.000 #
Total Aroclor-1260			851	101	0.024	0.003
Average Aroclor-1260					0.008	0.001
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.52	0	98	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



Quantitation Report

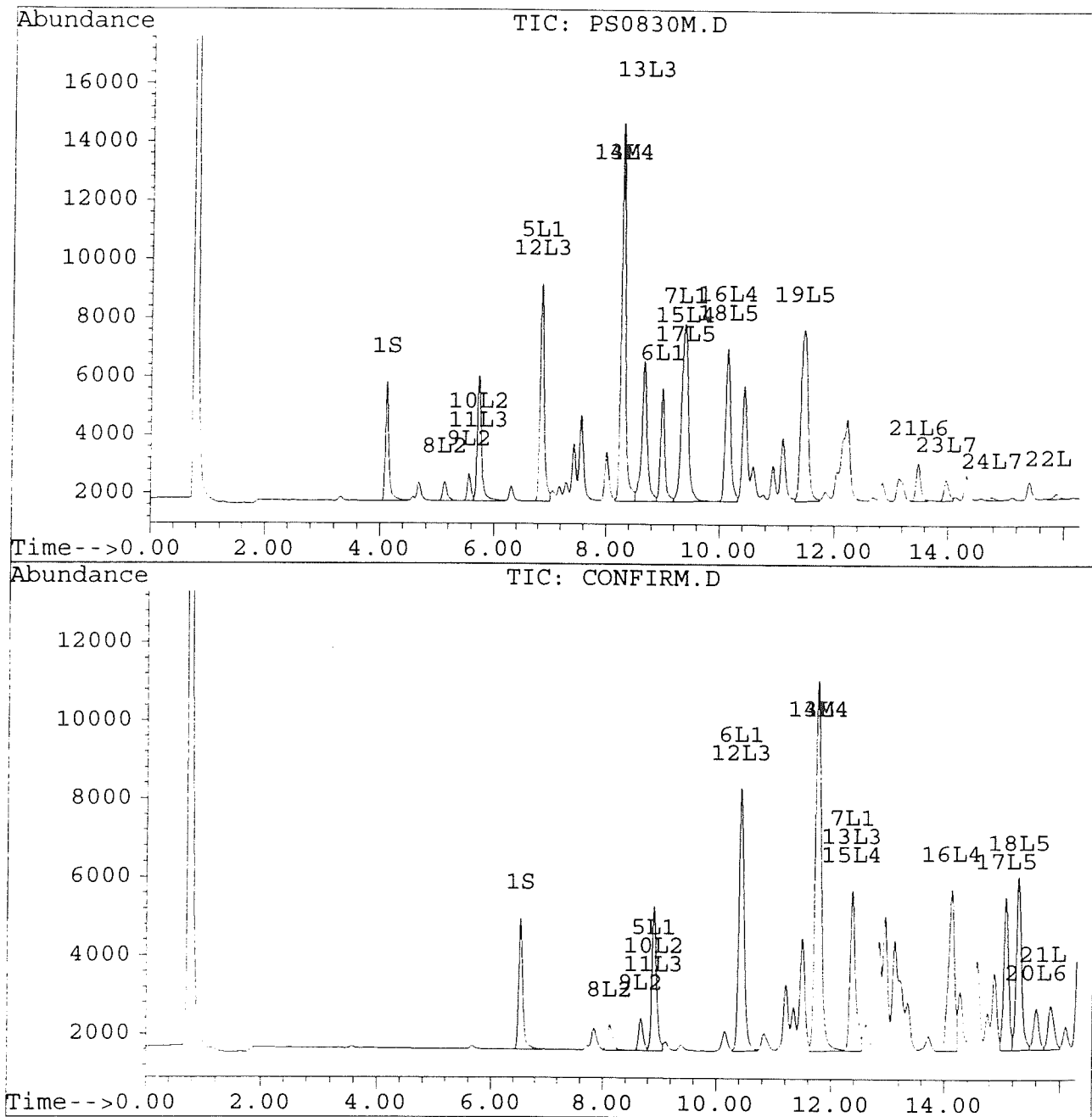
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Signal #2 : D:\HPCHEM\5\AU29\PS0830M.D\CONFIRM.D  
Acq On : 01 Sep 96 07:24 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 1 19:58 1996

Vial: 97  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



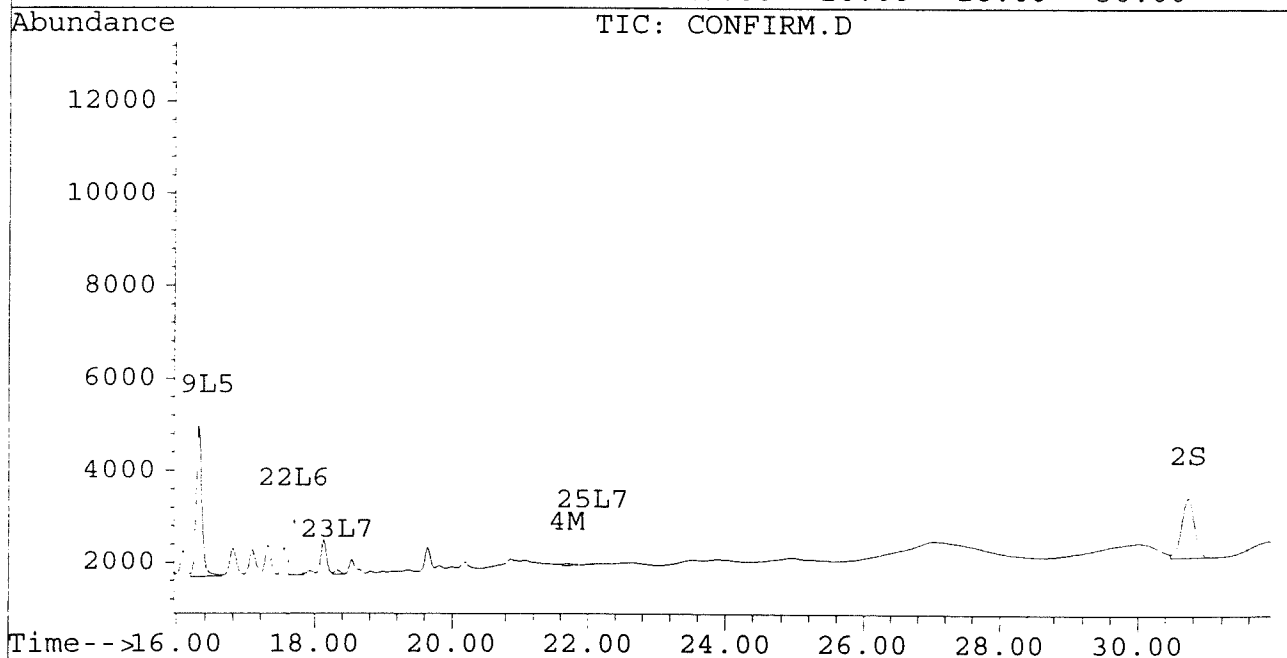
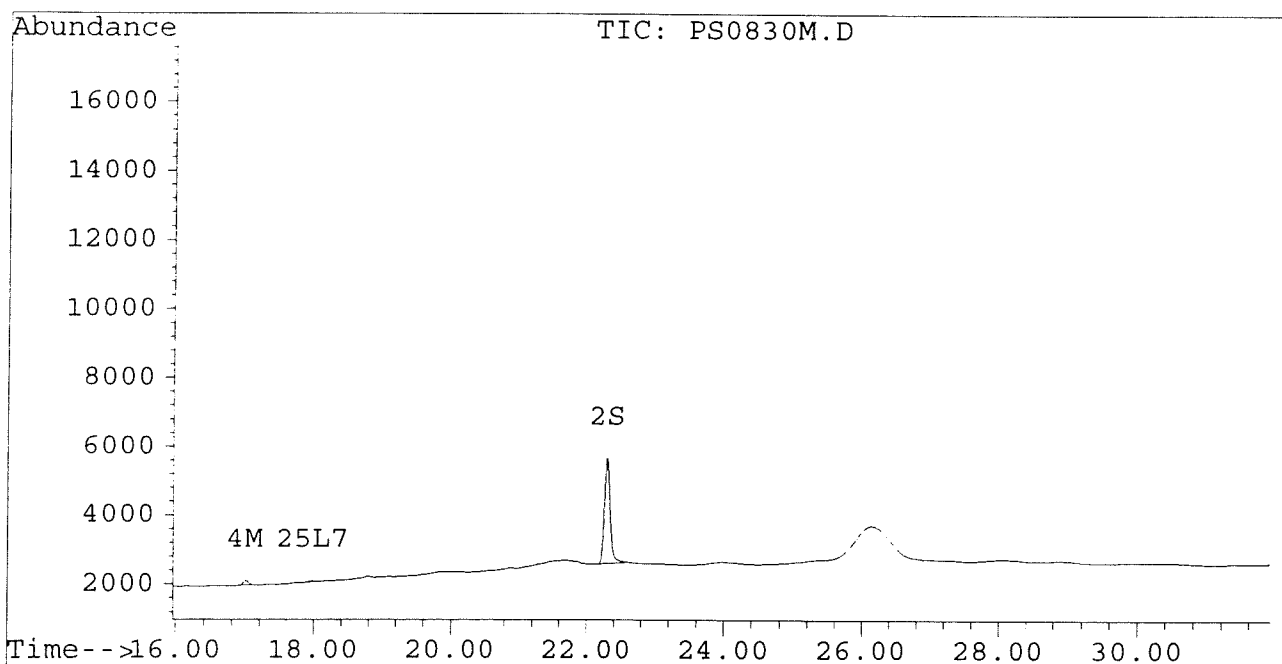
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830M.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830M.D\CONFIRM.D  
Acq On : 01 Sep 96 07:24 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 1 19:58 1996

Vial: 97  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830N.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830N.D\CONFIRM.D  
 Acq On : 01 Sep 96 08:00 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 1 20:34 1996

Vial: 98  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	4440	3575	0.019	0.019
			Recovery	=	47.50%	47.50%
2) S Decachlorobiphenyl	22.30	30.72	3453	1433	0.016	0.016
			Recovery	=	40.00%	40.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.76	330	243	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	3089	2166	0.017	0.014
5) L1 Aroclor-1016	6.85	8.90	176	62	0.005	0.005
6) L1 Aroclor-1016 {2}	8.99	10.44	98	157	0.006	0.006
7) L1 Aroclor-1016 {3}	9.35f	12.37	5823	77	0.225	0.004 #
Total Aroclor-1016			6096	296	0.236	0.015
Average Aroclor-1016					0.079	0.005
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.90	75	62	0.004	0.004
Total Aroclor-1221			75	62	0.004	0.004
Average Aroclor-1221					0.004	0.004
11) L3 Aroclor-1232	5.73	8.90	75	62	0.004	0.004
12) L3 Aroclor-1232 {2}	6.85	10.44	176	157	0.013	0.013
13) L3 Aroclor-1232 {3}	8.65	12.37	119	77	0.014	0.011
Total Aroclor-1232			369	296	0.031	0.028
Average Aroclor-1232					0.010	0.009
14) L4 Aroclor-1242	8.27	11.76	330	243	0.008	0.008
15) L4 Aroclor-1242 {2}	9.35	12.37	5823	77	0.299	0.006 #
16) L4 Aroclor-1242 {3}	10.12	14.13	2840	2506	0.168	0.188
Total Aroclor-1242			8993	2826	0.475	0.202
Average Aroclor-1242					0.158	0.067
17) L5 Aroclor-1248	9.35	15.08	5823	3656	0.183	0.162
18) L5 Aroclor-1248 {2}	10.12	15.30	2840	1166	0.104	0.050 #
19) L5 Aroclor-1248 {3}	11.41	16.31	10783	774	0.310	0.043 #
Total Aroclor-1248			19445	5596	0.597	0.256
Average Aroclor-1248					0.199	0.085
-----						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830N.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830N.D\CONFIRM.D  
 Acq On : 01 Sep 96 08:00 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 1 20:34 1996

Vial: 98  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	9985	8760	0.320	0.324
21) L6 Aroclor-1254 {2}	13.48	15.83	14130	9422	0.327	0.324
22) L6 Aroclor-1254 {3}	15.87	17.69	10225	13173	0.318	0.331
Total Aroclor-1254			34340	31354	0.965	0.979
Average Aroclor-1254					0.322	0.326
23) L7 Aroclor-1260	13.98	18.33	6400	4762	0.184	0.149
24) L7 Aroclor-1260 {2}	14.76	18.64	5720	5191	0.141	0.144
25) L7 Aroclor-1260 {3}	17.97	22.06	1395	933	0.024	0.017 #
Total Aroclor-1260			13514	10886	0.349	0.311
Average Aroclor-1260					0.116	0.104
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

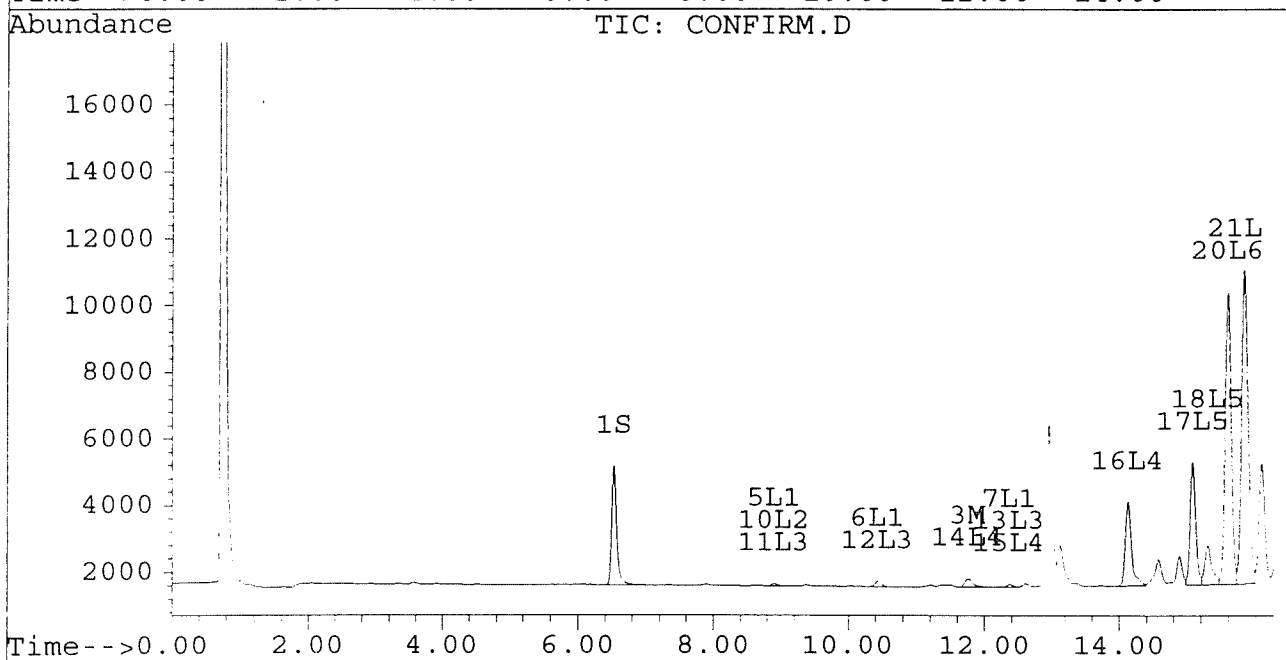
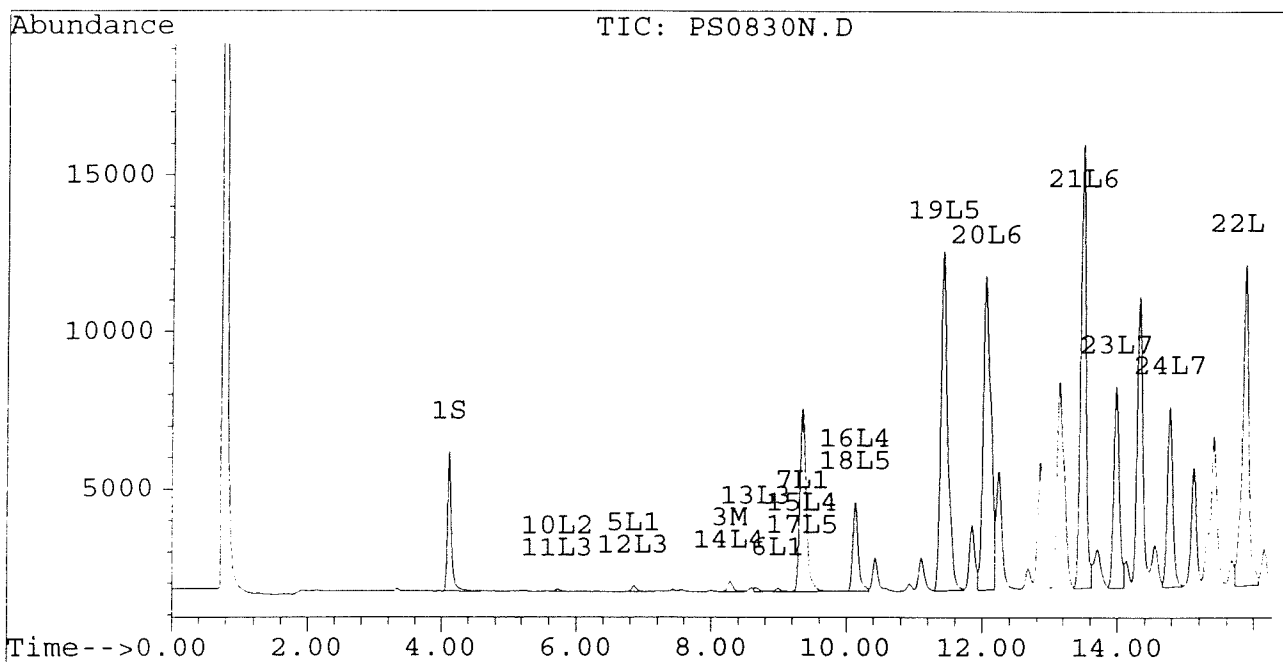
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Signal #2 : D:\HPCHEM\5\AU29\PS0830N.D\CONFIRM.D  
Acq On : 01 Sep 96 08:00 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 1 20:34 1996

Vial: 98  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



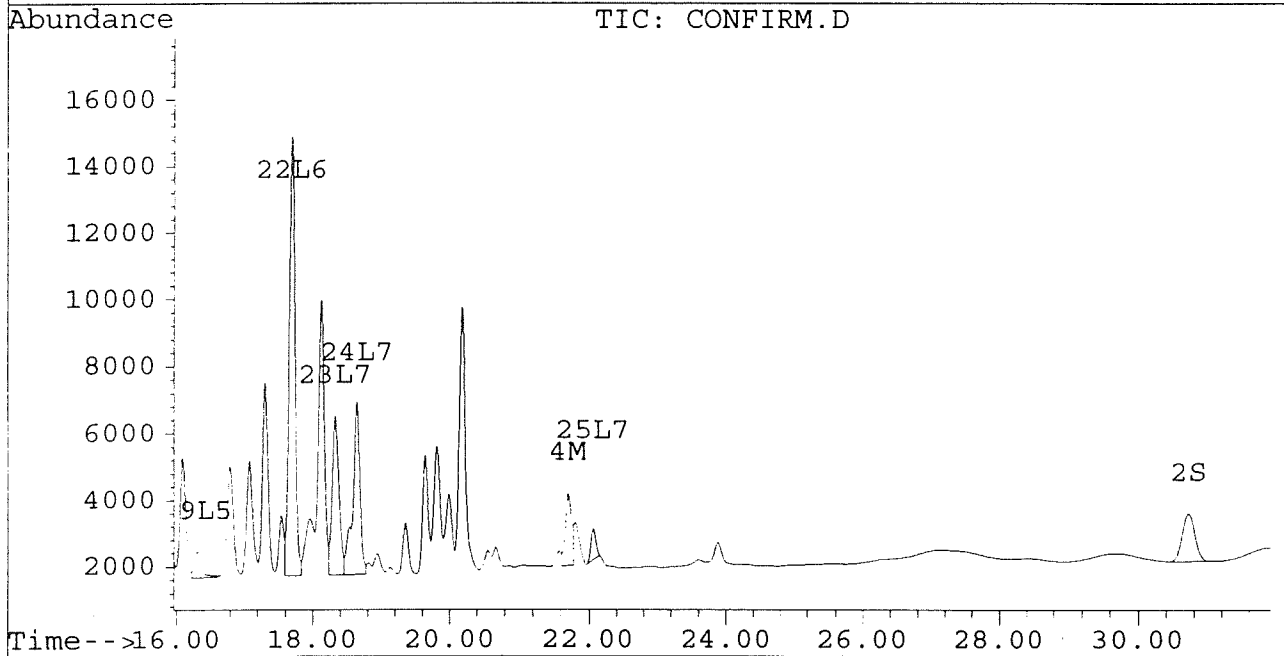
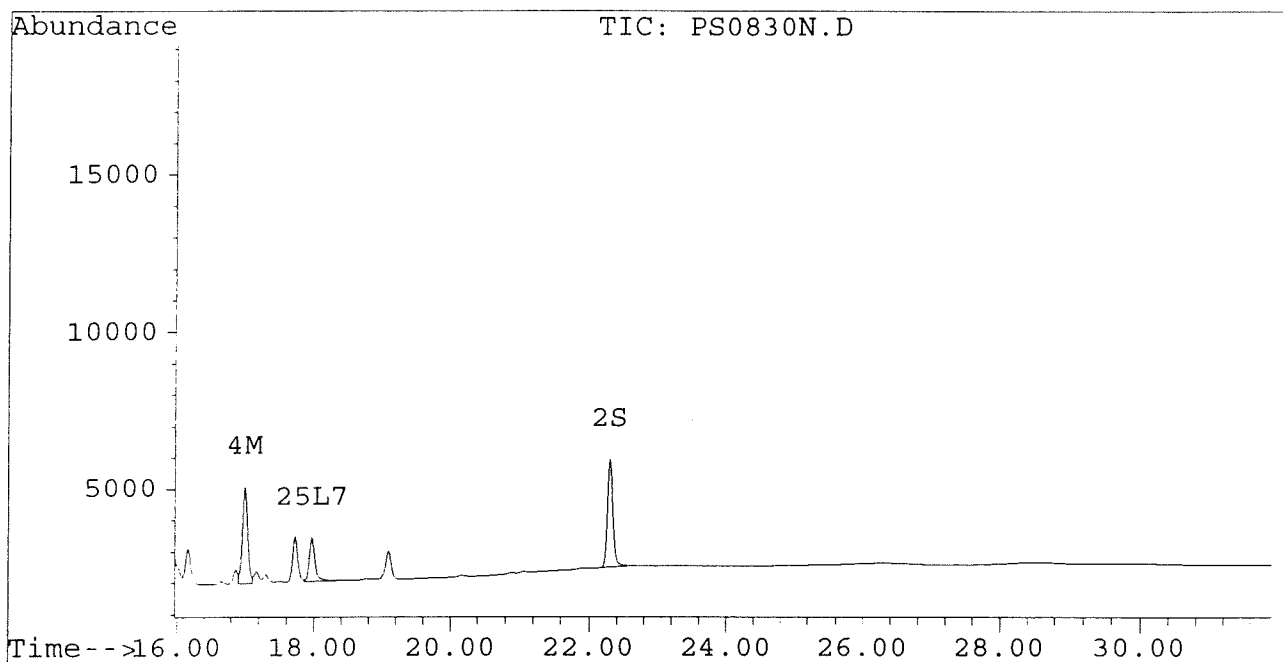
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830N.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830N.D\CONFIRM.D  
Acq On : 01 Sep 96 08:00 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 1 20:34 1996

Vial: 98  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS08300.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS08300.D\CONFIRM.D  
 Acq On : 02 Sep 96 02:31 AM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 2 3:05 1996

Vial: 96  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylen	4.11	6.53	4444	3664	0.019	0.019
			Recovery	=	47.50%	47.50%
2) S Decachlorobiphenyl	22.30	30.72	3330	1422	0.016	0.016
			Recovery	=	40.00%	40.00%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	100	0	0.001	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	11.45	0.00	34	0	0.001	N.D. #
Total Aroclor-1248			34	0	0.001	N.D.
Average Aroclor-1248					0.001	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS08300.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS08300.D\CONFIRM.D  
 Acq On : 02 Sep 96 02:31 AM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 2 3:05 1996

Vial: 96  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	17.71	0	20	N.D.	0.001 #
Total Aroclor-1254			0	20	N.D.	0.001
Average Aroclor-1254					0.000	0.001
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	23.34f	0	360	N.D.	0.084 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.14f	0	108	N.D.	NoCal
Total Aroclor-1268			0	360	N.D.	0.084
Average Aroclor-1268					0.000	0.084



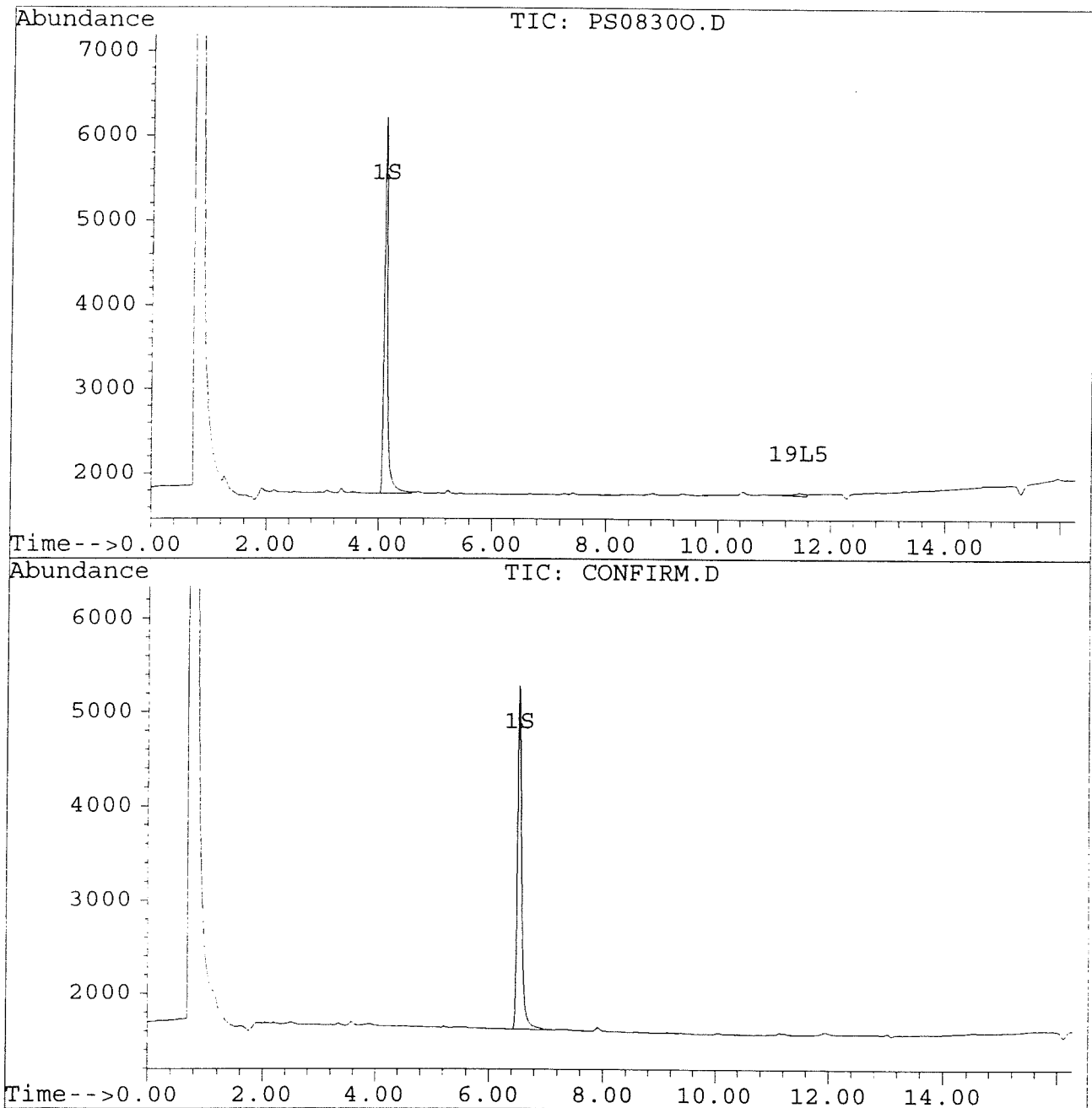
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS08300.D  
Signal #2 : D:\HPCHEM\5\AU29\PS08300.D\CONFIRM.D  
Acq On : 02 Sep 96 02:31 AM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 2 3:05 1996

Vial: 96  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



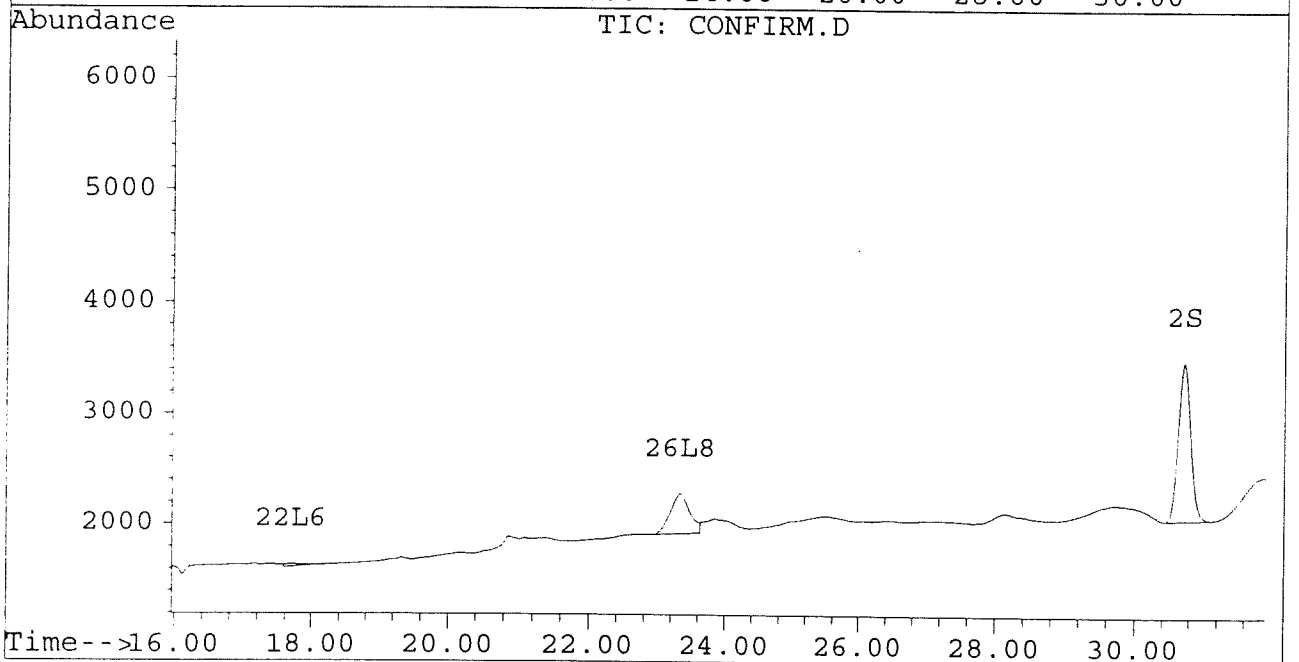
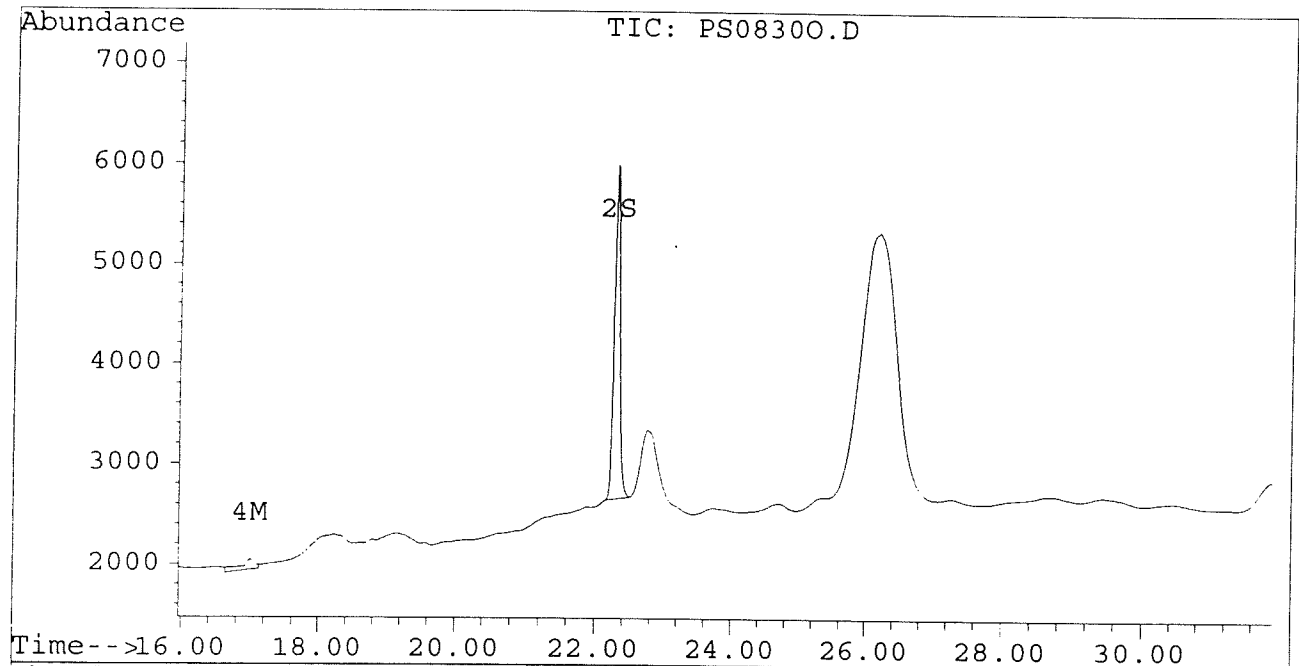
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS08300.D  
Signal #2 : D:\HPCHEM\5\AU29\PS08300.D\CONFIRM.D  
Acq On : 02 Sep 96 02:31 AM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 2 3:05 1996

Vial: 96  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830P.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830P.D\CONFIRM.D  
 Acq On : 02 Sep 96 03:07 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 2 3:41 1996

Vial: 97  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	4431	3497	0.019	0.018
			Recovery	=	47.50%	45.00%
2) S Decachlorobiphenyl	22.30	30.72	3533	1487	0.017	0.017
			Recovery	=	42.50%	42.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	13529	9745	0.124	0.102
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	138	45	0.001	0.000 #
5) L1 Aroclor-1016	6.85	8.90	7781	3797	0.243	0.282
6) L1 Aroclor-1016 {2}	8.99	10.43	4075	6907	0.232	0.247
7) L1 Aroclor-1016 {3}	9.38	12.37	6354	4238	0.245	0.246
Total Aroclor-1016			18210	14943	0.720	0.775
Average Aroclor-1016					0.240	0.258
8) L2 Aroclor-1221	5.13	8.12	691	666	0.099	0.109
9) L2 Aroclor-1221 {2}	5.56	8.67	970	854	0.166	0.175
10) L2 Aroclor-1221 {3}	5.72	8.90	4492	3797	0.222	0.247
Total Aroclor-1221			6153	5317	0.487	0.531
Average Aroclor-1221					0.162	0.177
11) L3 Aroclor-1232	5.72	8.90	4492	3797	0.246	0.265
12) L3 Aroclor-1232 {2}	6.85	10.43	7781	6907	0.570	0.575
13) L3 Aroclor-1232 {3}	8.66	12.37	5056	4238	0.611	0.611
Total Aroclor-1232			17329	14943	1.427	1.451
Average Aroclor-1232					0.476	0.484
14) L4 Aroclor-1242	8.27	11.77	13529	9745	0.327	0.327
15) L4 Aroclor-1242 {2}	9.38	12.37	6354	4238	0.327	0.321
16) L4 Aroclor-1242 {3}	10.13	14.13	5492	4281	0.325	0.322
Total Aroclor-1242			25375	18265	0.978	0.969
Average Aroclor-1242					0.326	0.323
17) L5 Aroclor-1248	9.38	15.08	6354	4070	0.200	0.181
18) L5 Aroclor-1248 {2}	10.13	15.30	5492	4636	0.201	0.199
19) L5 Aroclor-1248 {3}	11.46	16.31	6160	3450	0.177	0.193
Total Aroclor-1248			18006	12156	0.577	0.572
Average Aroclor-1248					0.192	0.191

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830P.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830P.D\CONFIRM.D  
 Acq On : 02 Sep 96 03:07 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 2 3:41 1996

Vial: 97  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.60	0	1105	N.D.	0.041 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1405	1158	0.033	0.040
22) L6 Aroclor-1254 {3}	15.88	17.70	193	1305	0.006	0.033 #
Total Aroclor-1254			1598	3569	0.039	0.113
Average Aroclor-1254					0.019	0.038
23) L7 Aroclor-1260	13.97	18.33	772	94	0.022	0.003 #
24) L7 Aroclor-1260 {2}	14.77	0.00	129	0	0.003	N.D. #
25) L7 Aroclor-1260 {3}	17.98	22.07	32	18	0.001	0.000 #
Total Aroclor-1260			933	112	0.026	0.003
Average Aroclor-1260					0.009	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	21.87f	0.00	45	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

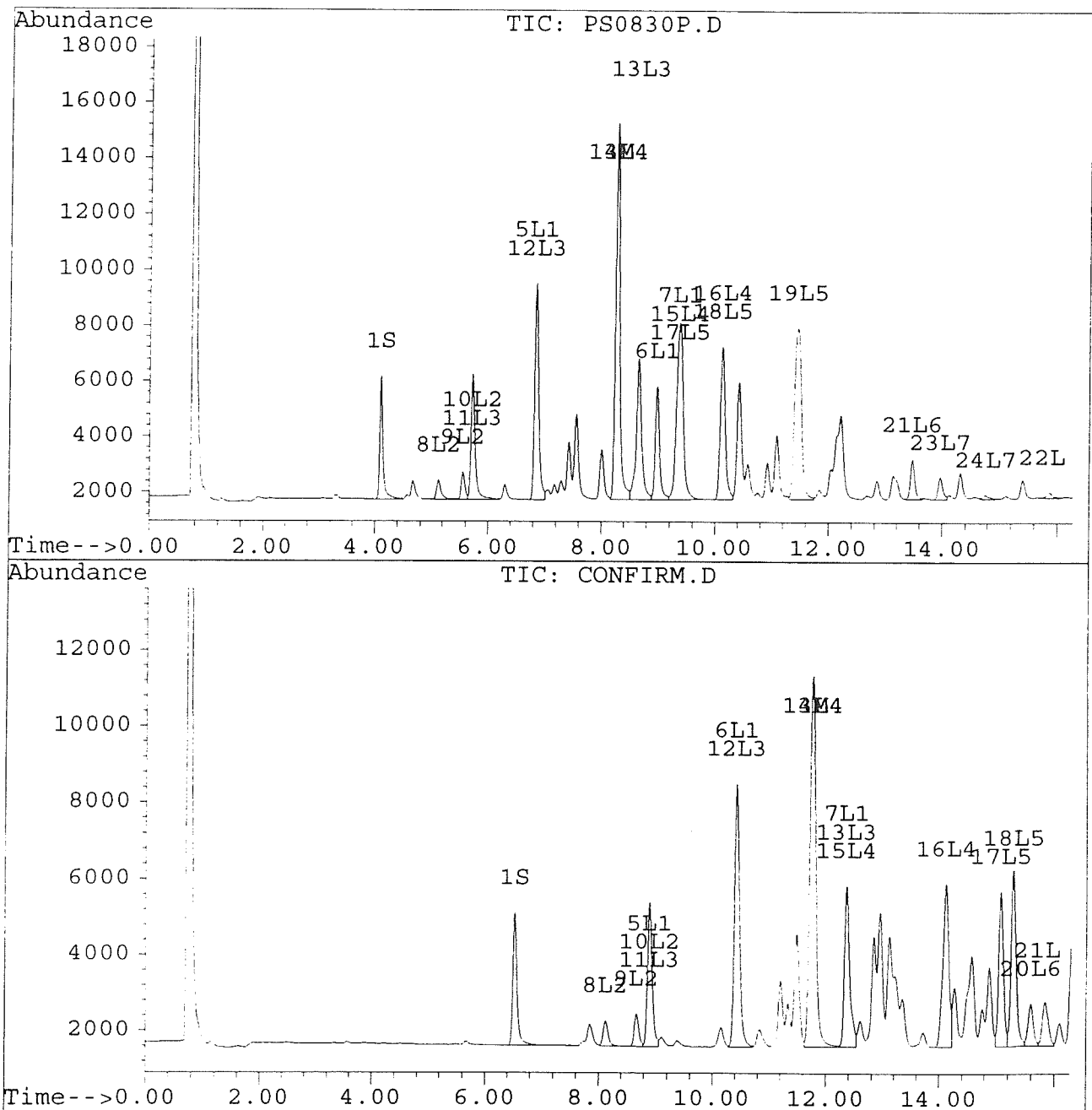
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Signal #2 : D:\HPCHEM\5\AU29\PS0830P.D\CONFIRM.D  
Acq On : 02 Sep 96 03:07 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 2 3:41 1996

Vial: 97

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

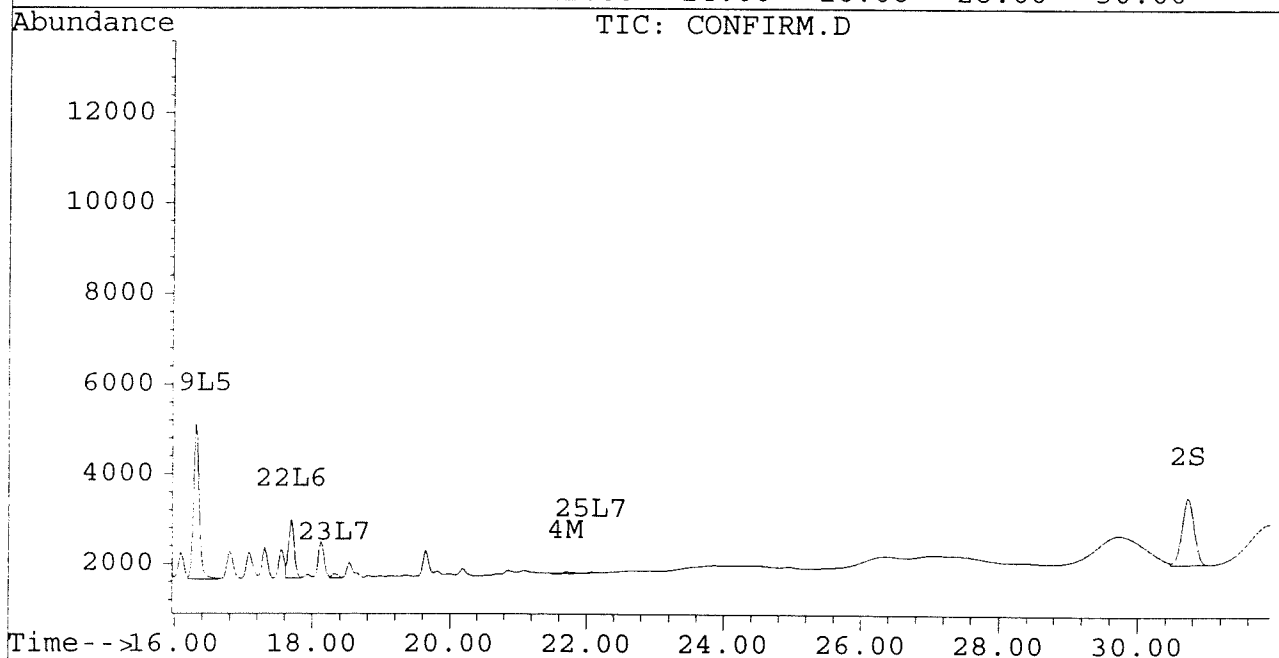
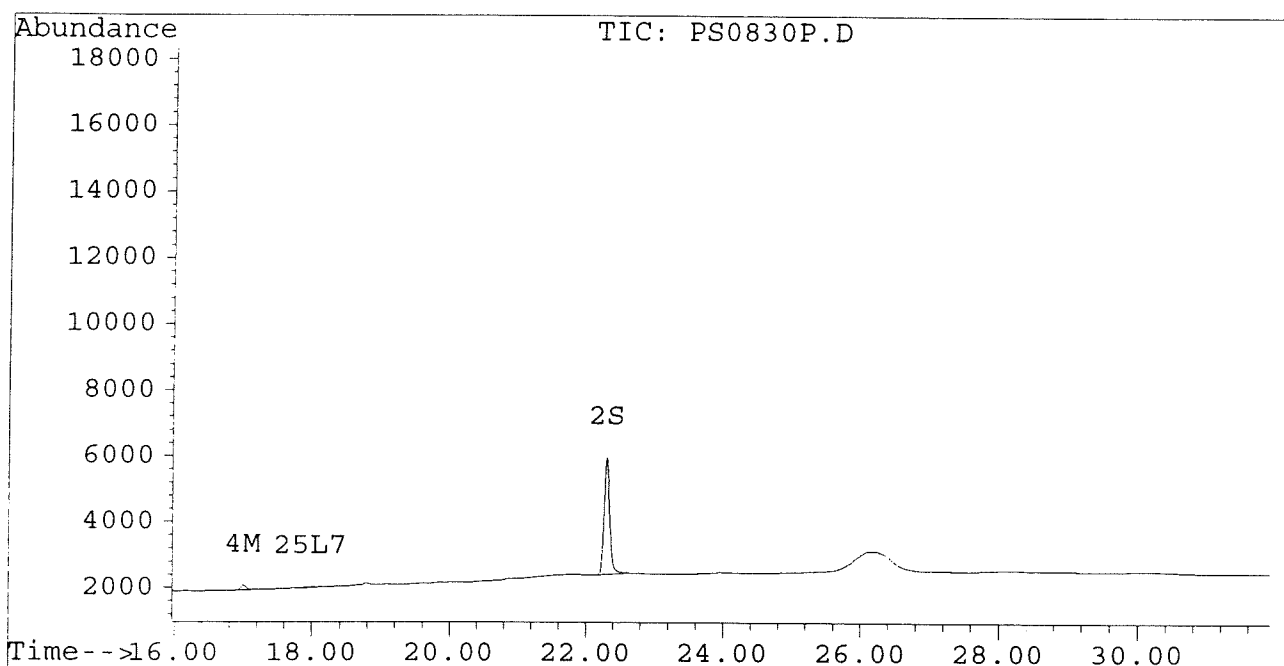
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Signal #2 : D:\HPCHEM\5\AU29\PS0830P.D\CONFIRM.D  
Acq On : 02 Sep 96 03:07 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 2 3:41 1996

Vial: 97

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830Q.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830Q.D\CONFIRM.D  
 Acq On : 02 Sep 96 03:42 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 2 4:16 1996

Vial: 98  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylene	4.11	6.53	4205	3500	0.018	0.018
			Recovery	=	45.00%	45.00%
2) S Decachlorobiphenyl	22.30	30.72	3305	1389	0.016	0.016
			Recovery	=	40.00%	40.00%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	8.27	11.76	322	238	0.003	0.002
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	2994	2123	0.016	0.014
5) L1 Aroclor-1016	6.85	8.91	175	63	0.005	0.005
6) L1 Aroclor-1016 {2}	8.99	10.44	96	160	0.005	0.006
7) L1 Aroclor-1016 {3}	9.35f	12.37	5751	75	0.222	0.004 #
Total Aroclor-1016			6022	298	0.233	0.015
Average Aroclor-1016					0.078	0.005
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.91	72	63	0.004	0.004
Total Aroclor-1221			72	63	0.004	0.004
Average Aroclor-1221					0.004	0.004
11) L3 Aroclor-1232	5.73	8.91	72	63	0.004	0.004
12) L3 Aroclor-1232 {2}	6.85	10.44	175	160	0.013	0.013
13) L3 Aroclor-1232 {3}	8.66	12.37	118	75	0.014	0.011
Total Aroclor-1232			365	298	0.031	0.029
Average Aroclor-1232					0.010	0.010
14) L4 Aroclor-1242	8.27	11.76	322	238	0.008	0.008
15) L4 Aroclor-1242 {2}	9.35	12.37	5751	75	0.296	0.006 #
16) L4 Aroclor-1242 {3}	10.13	14.14	2809	2485	0.166	0.187
Total Aroclor-1242			8882	2798	0.470	0.200
Average Aroclor-1242					0.157	0.067
17) L5 Aroclor-1248	9.35	15.08	5751	3555	0.181	0.158
18) L5 Aroclor-1248 {2}	10.13	15.30	2809	1137	0.103	0.049 #
19) L5 Aroclor-1248 {3}	11.42	16.31	10592	729	0.304	0.041 #
Total Aroclor-1248			19151	5421	0.588	0.247
Average Aroclor-1248					0.196	0.082

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830Q.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830Q.D\CONFIRM.D  
 Acq On : 02 Sep 96 03:42 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 2 4:16 1996

Vial: 98  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	9830	8652	0.315	0.320
21) L6 Aroclor-1254 {2}	13.48	15.84	13800	9235	0.320	0.317
22) L6 Aroclor-1254 {3}	15.87	17.69	10061	12825	0.313	0.322
Total Aroclor-1254			33692	30712	0.948	0.960
Average Aroclor-1254					0.316	0.320
23) L7 Aroclor-1260	13.98	18.33	6305	4697	0.182	0.147
24) L7 Aroclor-1260 {2}	14.76	18.64	5571	5091	0.137	0.142
25) L7 Aroclor-1260 {3}	17.97	22.06	1355	917	0.023	0.017 #
Total Aroclor-1260			13230	10705	0.342	0.306
Average Aroclor-1260					0.114	0.102
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



Quantitation Report

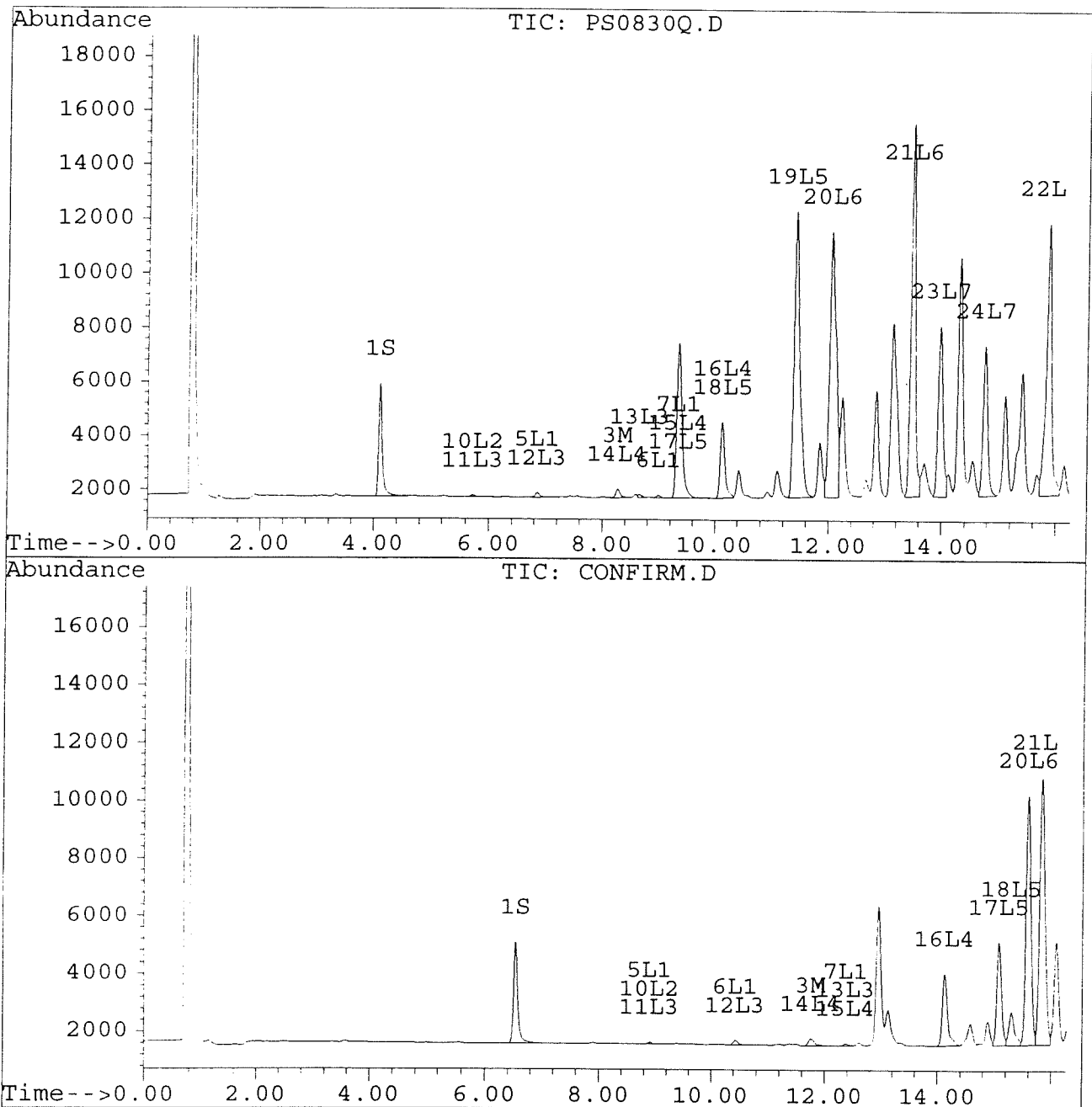
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Signal #2 : D:\HPCHEM\5\AU29\PS0830Q.D\CONFIRM.D  
Acq On : 02 Sep 96 03:42 AM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 2 4:16 1996

Vial: 98  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



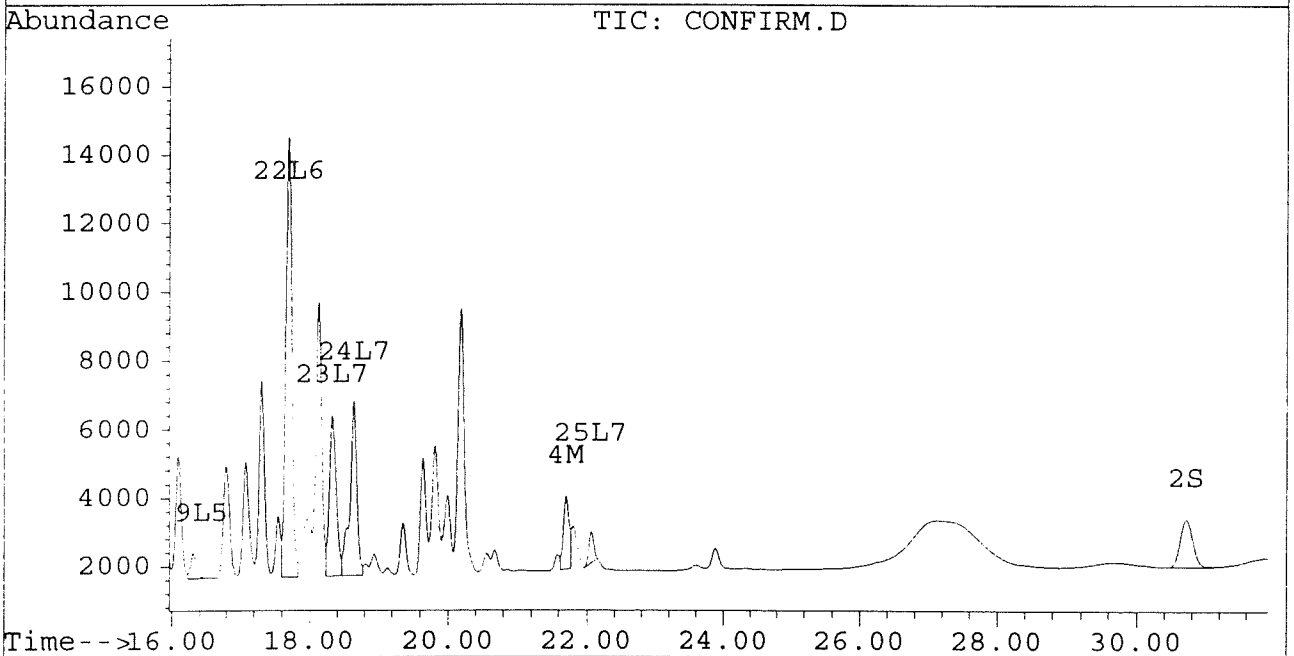
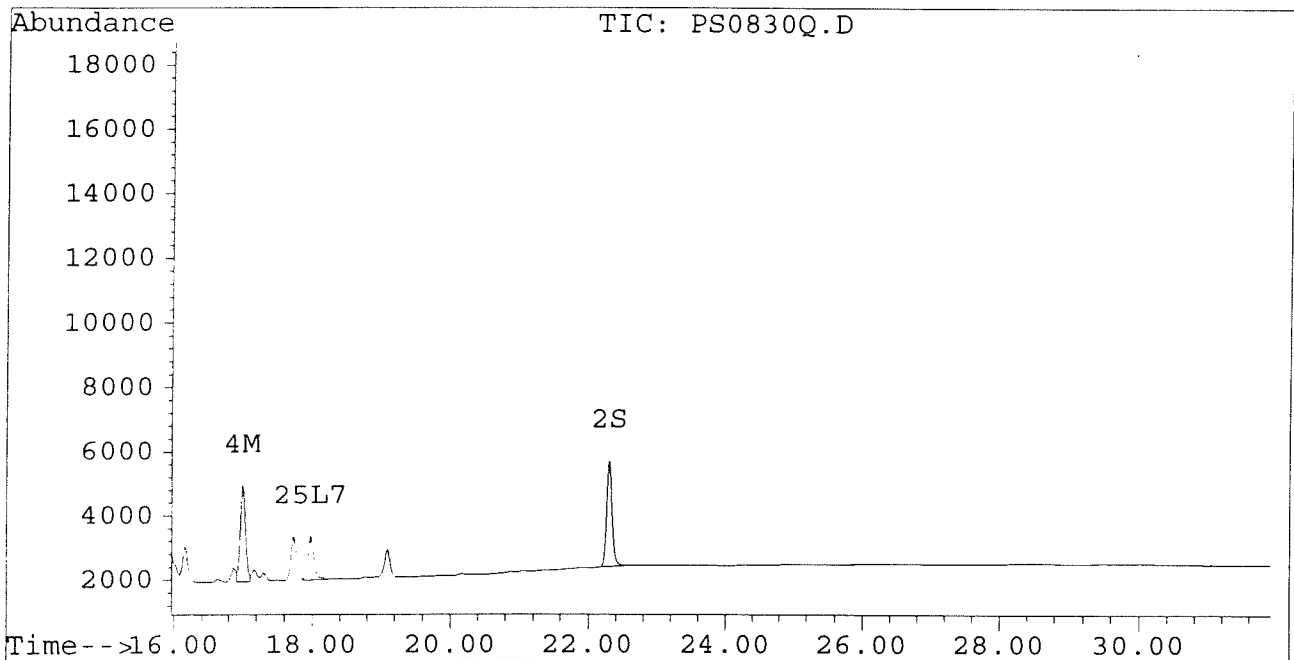
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830Q.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830Q.D\CONFIRM.D  
Acq On : 02 Sep 96 03:42 AM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 2 4:16 1996

Vial: 98  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830R.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830R.D\CONFIRM.D  
 Acq On : 02 Sep 96 04:18 AM  
 Sample : PCB COGENERATORS 0.25 UG/ML  
 Misc :  
 Quant Time: Sep 2 4:52 1996

Vial: 9  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylene	4.11	6.53	4597	3757	0.019	0.020
			Recovery	=	47.50%	50.00%
2) S Decachlorobiphenyl	22.30	30.72	3265	1456	0.015	0.016
			Recovery	=	37.50%	40.00%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	8.28	11.79	25491	23310	0.233	0.243
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	42541	37418	0.228	0.238
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.11	8.12	42	63	0.006	0.010 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			42	63	0.006	0.010
Average Aroclor-1221					0.006	0.010
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.28	11.79	25491	23310	0.616	0.782 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			25491	23310	0.616	0.782
Average Aroclor-1242					0.616	0.782
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830R.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830R.D\CONFIRM.D  
 Acq On : 02 Sep 96 04:18 AM  
 Sample : PCB COGENERATORS 0.25 UG/ML  
 Misc :  
 Quant Time: Sep 2 4:52 1996

Vial: 9  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	15.89	0.00	165	0	0.005	N.D. #
Total Aroclor-1254			165	0	0.005	N.D.
Average Aroclor-1254					0.005	0.000
23) L7 Aroclor-1260	13.97	0.00	141	0	0.004	N.D. #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	17.97	0.00	90	0	0.002	N.D. #
Total Aroclor-1260			230	0	0.006	N.D.
Average Aroclor-1260					0.003	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

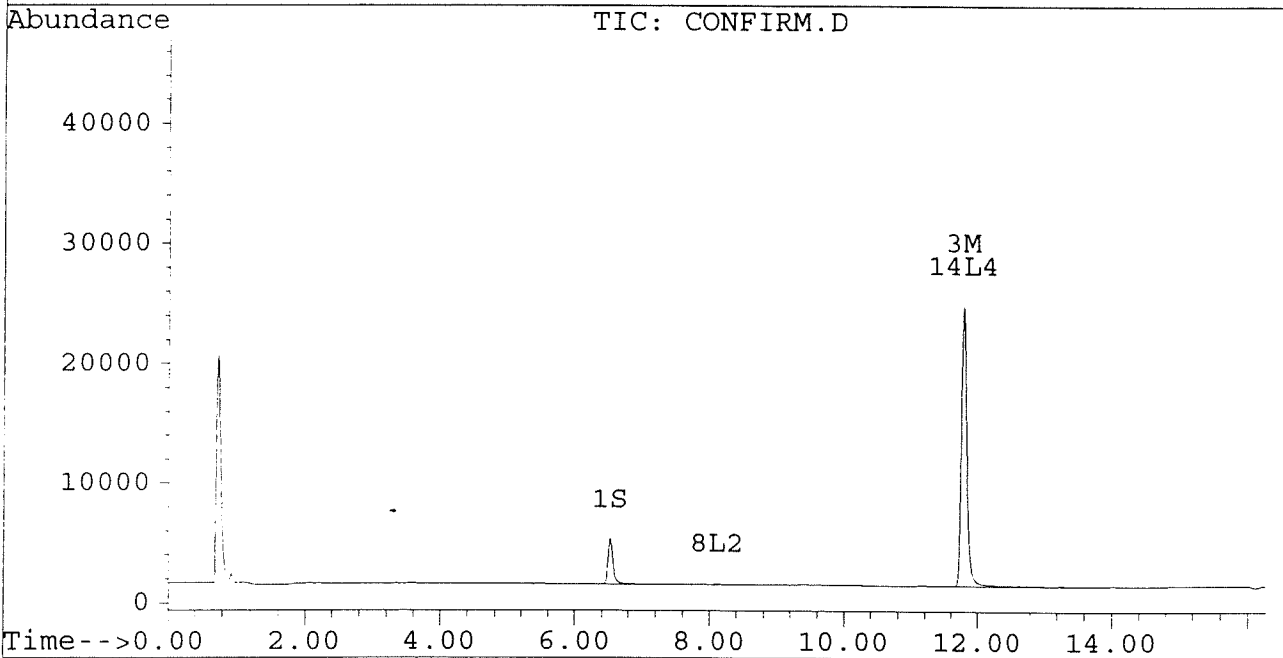
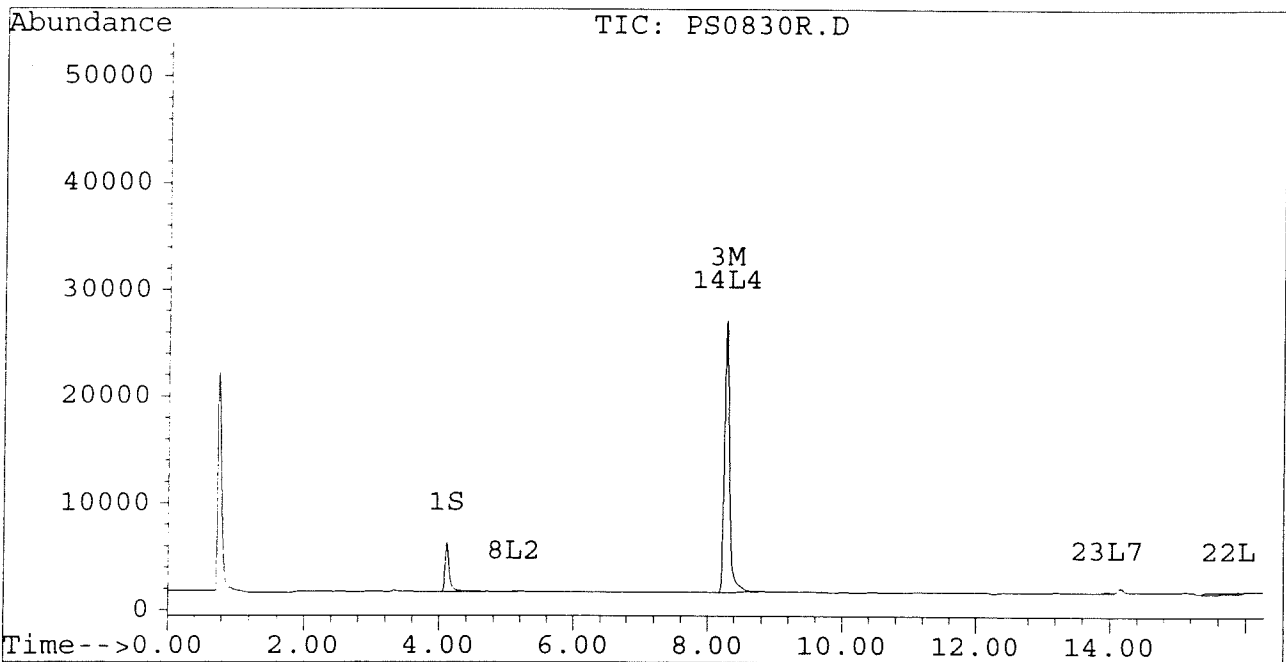
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830R.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830R.D\CONFIRM.D  
Acq On : 02 Sep 96 04:18 AM  
Sample : PCB COGENERS 0.25 UG/ML  
Misc :  
Quant Time: Sep 2 4:52 1996

Vial: 9  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



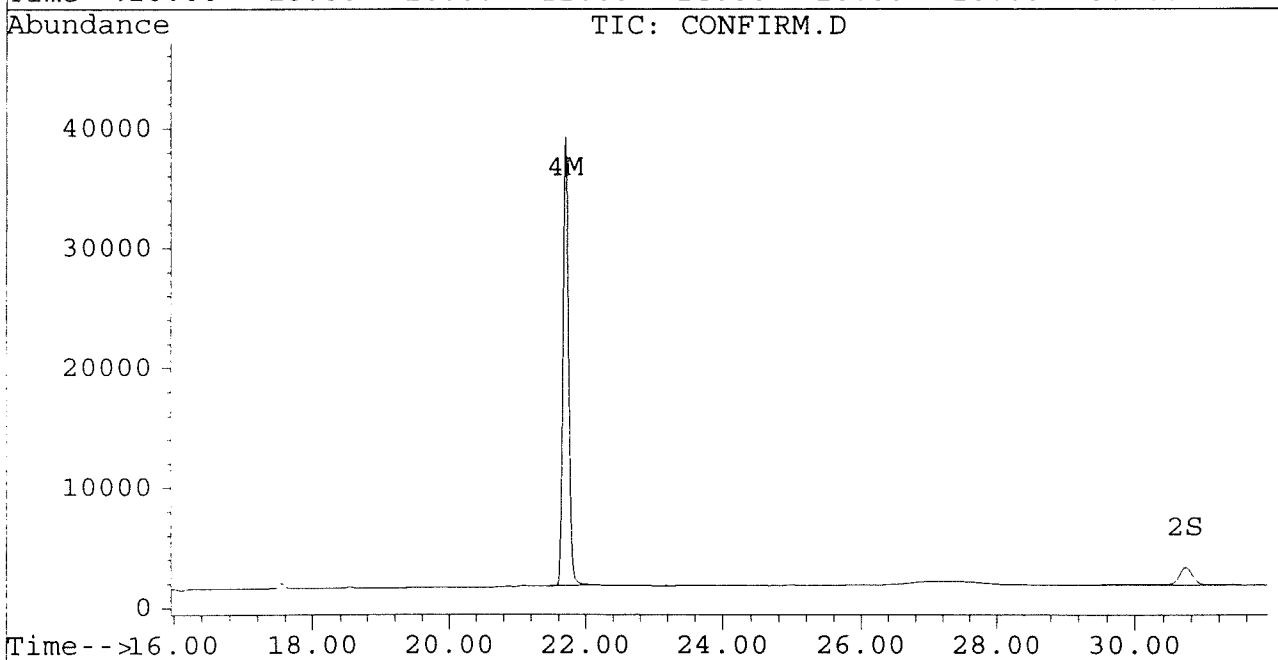
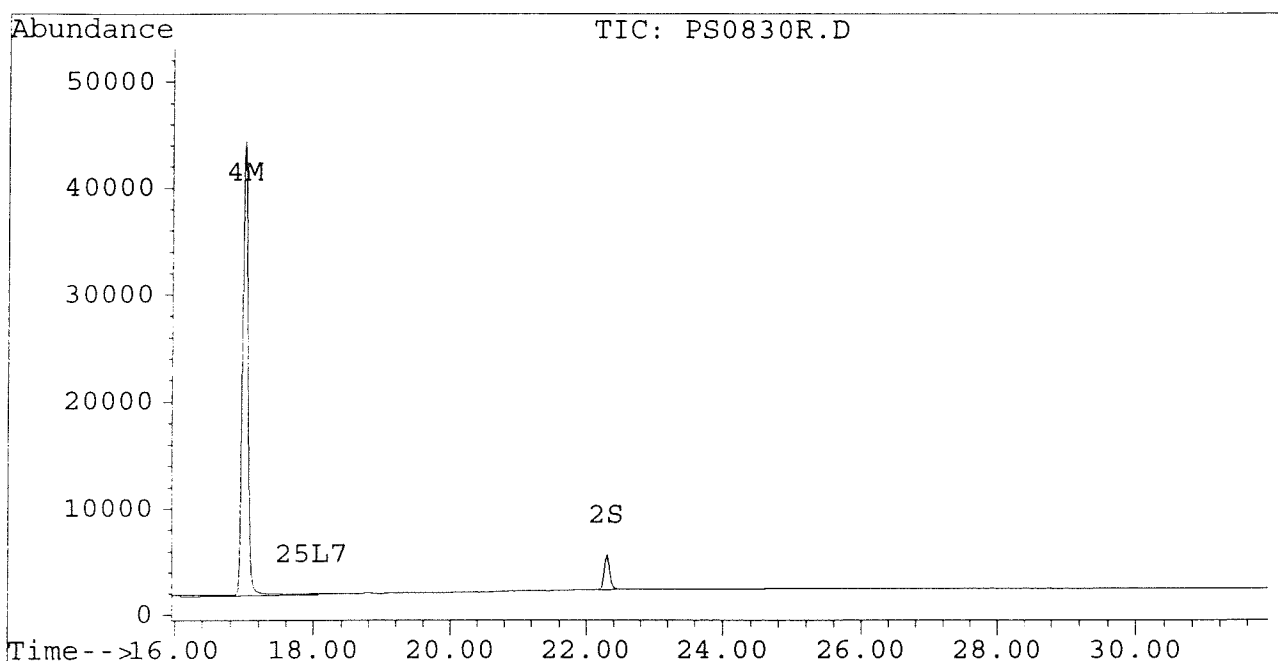
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830R.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830R.D\CONFIRM.D  
Acq On : 02 Sep 96 04:18 AM  
Sample : PCB COGENERS 0.25 UG/ML  
Misc :  
Quant Time: Sep 2 4:52 1996

Vial: 9  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830S.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830S.D\CONFIRM.D  
 Acq On : 02 Sep 96 10:49 AM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 2 11:23 1996

Vial: 96  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylene	4.11	6.53	4692	3925	0.020	0.021
			Recovery	=	50.00%	52.50%
2) S Decachlorobiphenyl	22.30	30.72	3683	1537	0.017	0.017
			Recovery	=	42.50%	42.50%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	104	0	0.001	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.36	0.00	21	0	0.001	N.D. #
Total Aroclor-1016			21	0	0.001	N.D.
Average Aroclor-1016					0.001	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	9.36	0.00	21	0	0.001	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			21	0	0.001	N.D.
Average Aroclor-1242					0.001	0.000
17) L5 Aroclor-1248	9.36	0.00	21	0	0.001	N.D. #
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			21	0	0.001	N.D.
Average Aroclor-1248					0.001	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830S.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830S.D\CONFIRM.D  
 Acq On : 02 Sep 96 10:49 AM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 2 11:23 1996

Vial: 96  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



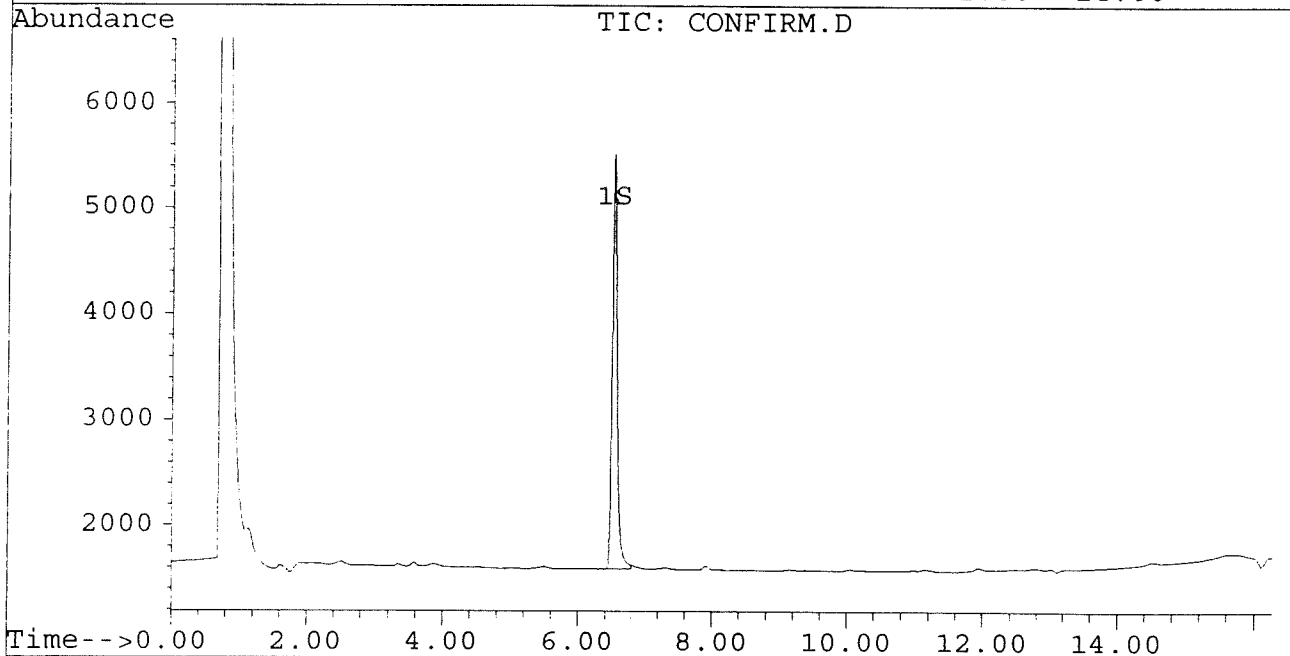
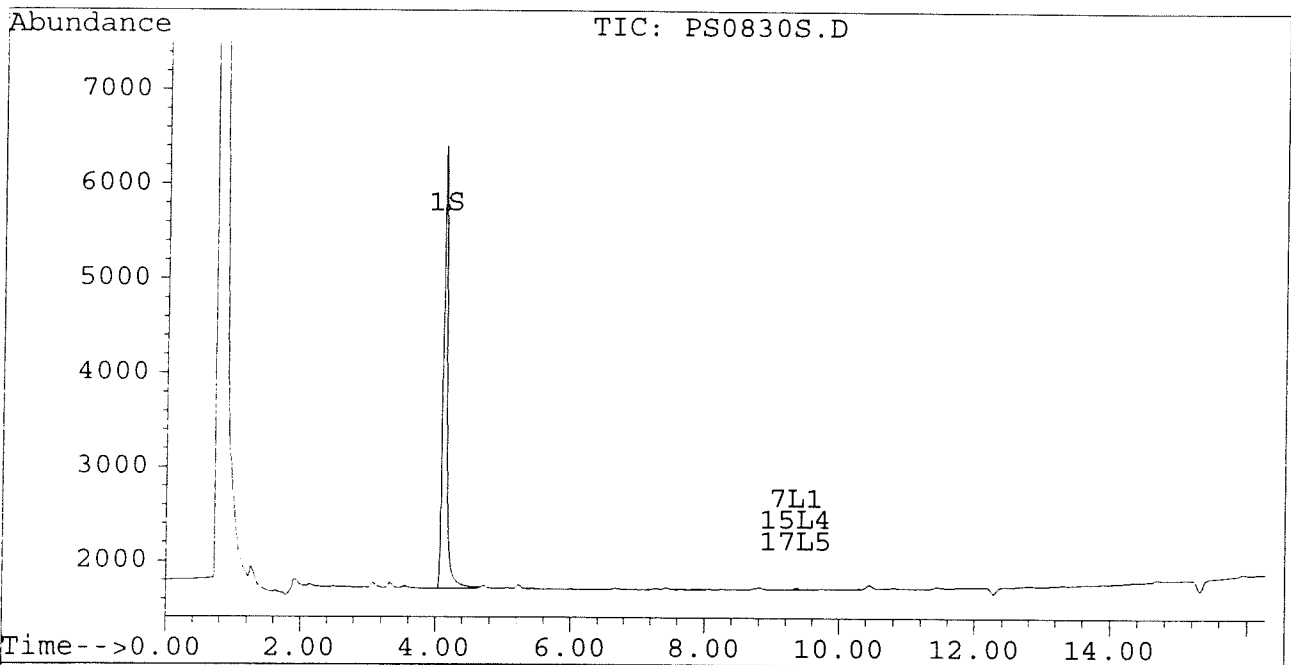
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830S.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830S.D\CONFIRM.D  
Acq On : 02 Sep 96 10:49 AM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 2 11:23 1996

Vial: 96  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



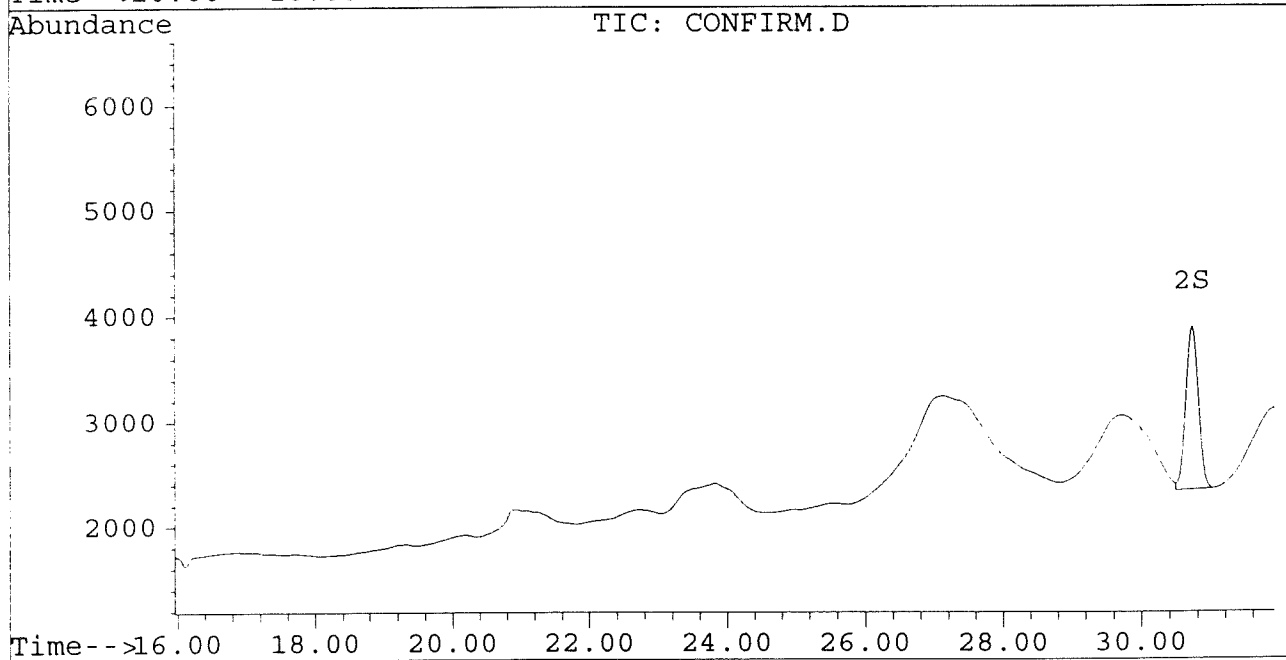
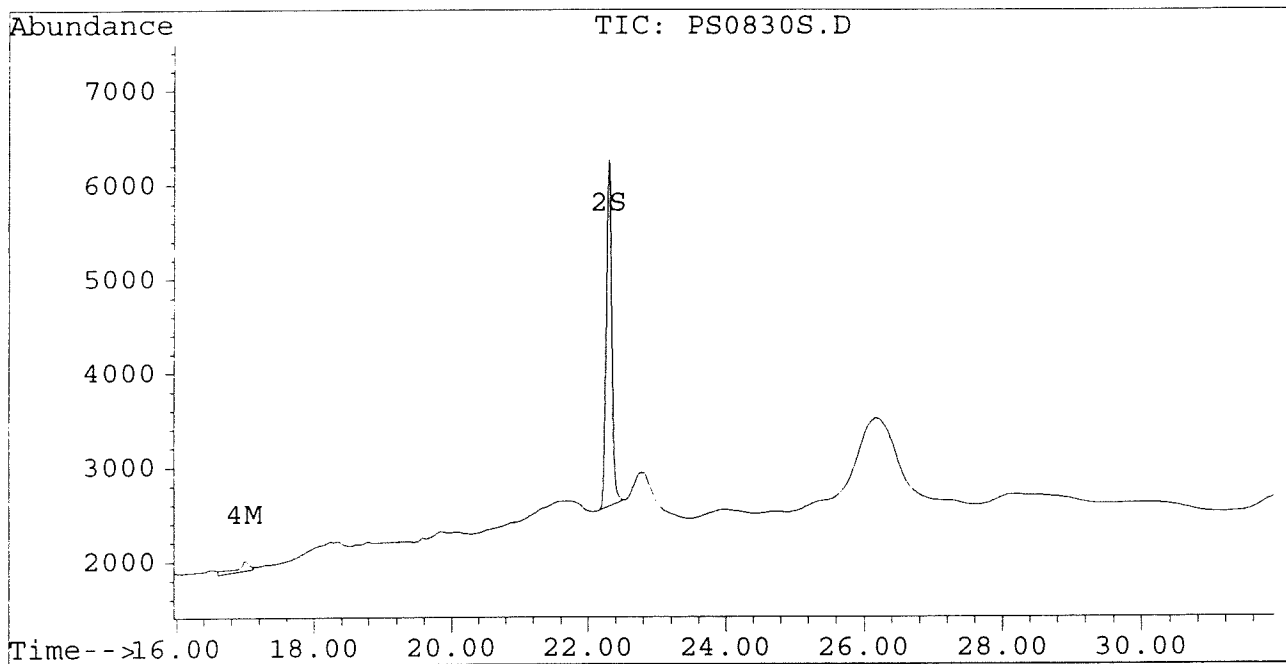
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830S.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830S.D\CONFIRM.D  
Acq On : 02 Sep 96 10:49 AM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 2 11:23 1996

Vial: 96  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830T.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830T.D\CONFIRM.D  
 Acq On : 02 Sep 96 11:25 AM  
 Sample : PCB COGENERES 0.25 UG/ML  
 Misc :  
 Quant Time: Sep 2 11:58 1996

Vial: 9  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylen	4.11	6.53	5209	4154	0.022	0.022
			Recovery	=	55.00%	55.00%
2) S Decachlorobiphenyl	22.30	30.72	3759	1573	0.018	0.018
			Recovery	=	45.00%	45.00%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	8.27	11.79	28062	25180	0.256	0.263
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	47377	41774	0.253	0.266
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.11	8.12	47	69	0.007	0.011 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			47	69	0.007	0.011
Average Aroclor-1221					0.007	0.011
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.27	11.79	28062	25180	0.678	0.845
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			28062	25180	0.678	0.845
Average Aroclor-1242					0.678	0.845
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	11.48	0.00	16	0	0.000	N.D. #
Total Aroclor-1248			16	0	0.000	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830T.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830T.D\CONFIRM.D  
 Acq On : 02 Sep 96 11:25 AM  
 Sample : PCB COGENERATORS 0.25 UG/ML  
 Misc :  
 Quant Time: Sep 2 11:58 1996

Vial: 9  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	15.88	0.00	191	0	0.006	N.D. #
Total Aroclor-1254			191	0	0.006	N.D.
Average Aroclor-1254					0.006	0.000
23) L7 Aroclor-1260	13.97	0.00	305	0	0.009	N.D. #
24) L7 Aroclor-1260 {2}	14.75	0.00	205	0	0.005	N.D. #
25) L7 Aroclor-1260 {3}	17.97	0.00	150	0	0.003	N.D. #
Total Aroclor-1260			659	0	0.016	N.D.
Average Aroclor-1260					0.005	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

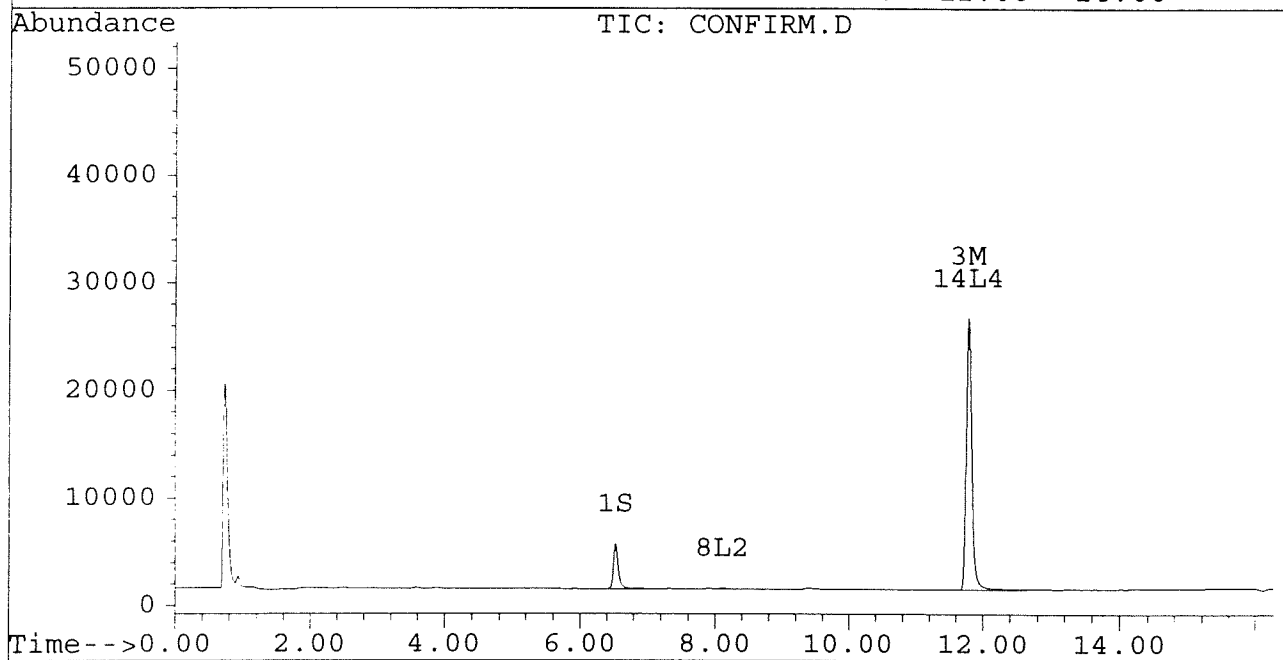
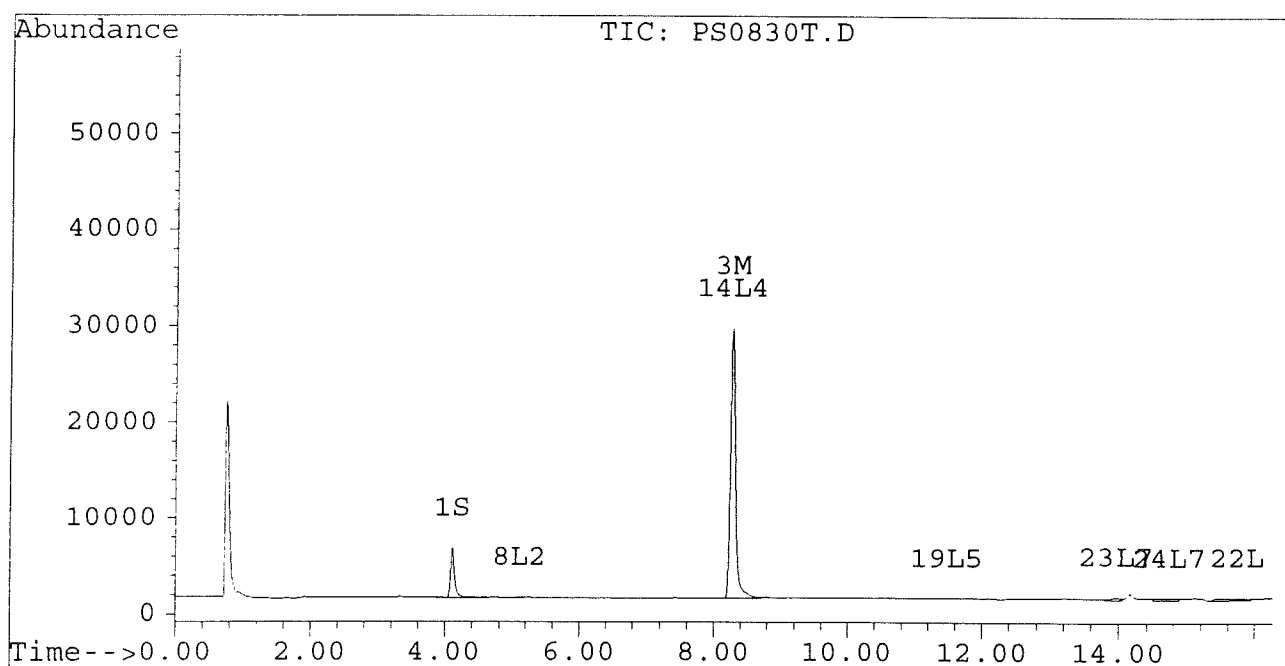
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830T.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830T.D\CONFIRM.D  
Acq On : 02 Sep 96 11:25 AM  
Sample : PCB COGENERS 0.25 UG/ML  
Misc :  
Quant Time: Sep 2 11:58 1996

Vial: 9  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



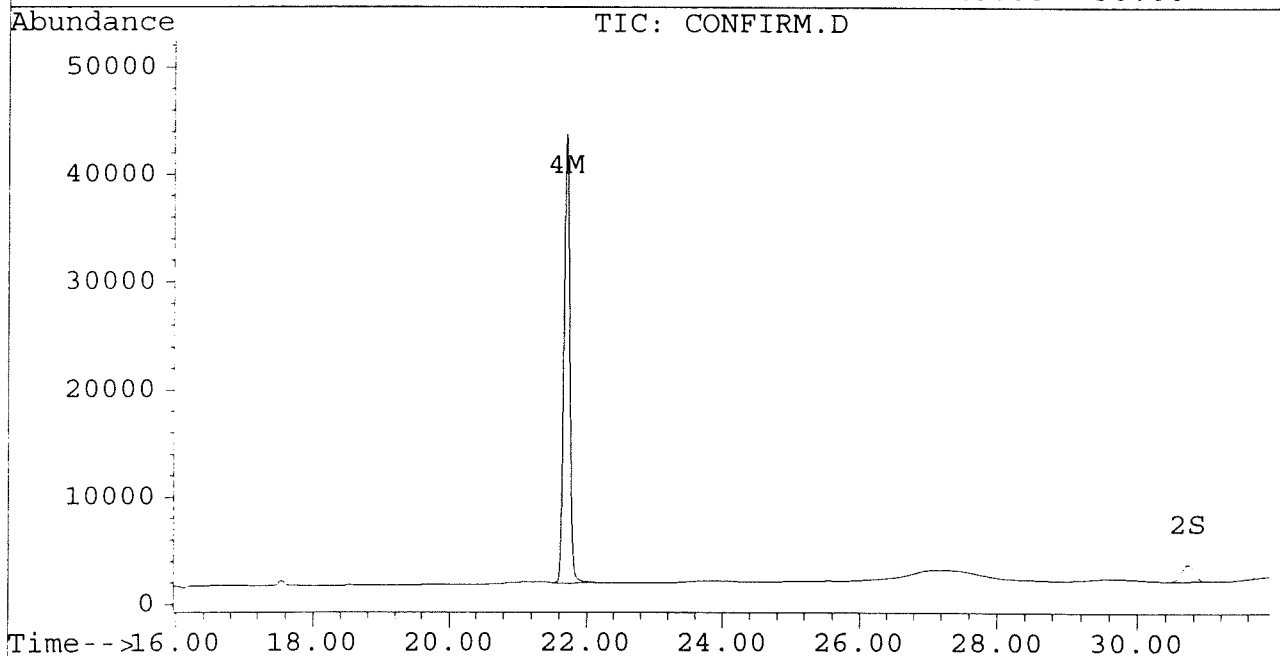
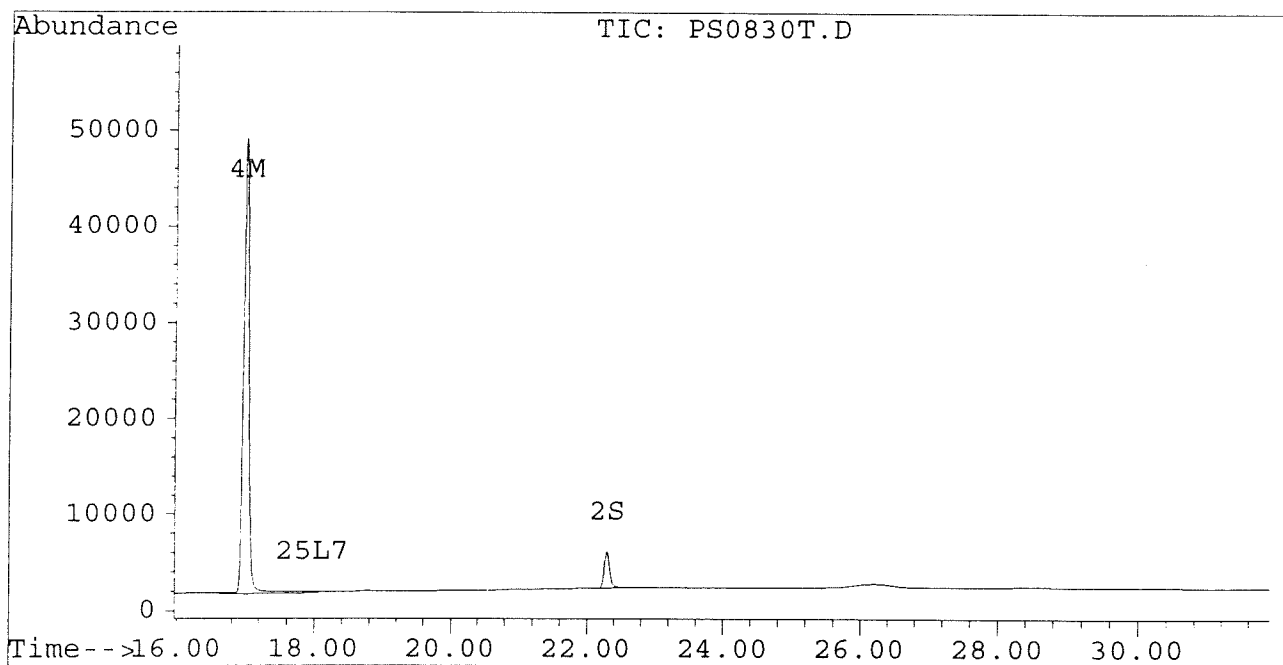
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830T.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830T.D\CONFIRM.D  
Acq On : 02 Sep 96 11:25 AM  
Sample : PCB COGENERATORS 0.25 UG/ML  
Misc :  
Quant Time: Sep 2 11:58 1996

Vial: 9  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830U.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830U.D\CONFIRM.D  
 Acq On : 02 Sep 96 12:00 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 2 12:34 1996

Vial: 20  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	4095	3395	0.017	0.018
			Recovery	=	42.50%	45.00%
2) S Decachlorobiphenyl	22.30	30.72	3162	1410	0.015	0.016
			Recovery	=	37.50%	40.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	13004	9533	0.119	0.100
4) M 2,2',3,3',4,4'-Hexa	17.00	21.70	153	91	0.001	0.001 #
5) L1 Aroclor-1016	6.85	8.90	7533	3699	0.235	0.275
6) L1 Aroclor-1016 {2}	8.99	10.43	3958	6793	0.226	0.243
7) L1 Aroclor-1016 {3}	9.38	12.37	6137	4095	0.237	0.237
Total Aroclor-1016			17628	14587	0.698	0.755
Average Aroclor-1016					0.233	0.252
8) L2 Aroclor-1221	5.13	8.12	667	645	0.095	0.106
9) L2 Aroclor-1221 {2}	5.56	8.67	931	831	0.160	0.170
10) L2 Aroclor-1221 {3}	5.72	8.90	4332	3699	0.214	0.241
Total Aroclor-1221			5930	5175	0.469	0.517
Average Aroclor-1221					0.156	0.172
11) L3 Aroclor-1232	5.72	8.90	4332	3699	0.237	0.258
12) L3 Aroclor-1232 {2}	6.85	10.43	7533	6793	0.552	0.565
13) L3 Aroclor-1232 {3}	8.66	12.37	4889	4095	0.591	0.591
Total Aroclor-1232			16755	14587	1.380	1.414
Average Aroclor-1232					0.460	0.471
14) L4 Aroclor-1242	8.27	11.77	13004	9533	0.314	0.320
15) L4 Aroclor-1242 {2}	9.38	12.37	6137	4095	0.315	0.310
16) L4 Aroclor-1242 {3}	10.13	14.13	5285	4148	0.313	0.312
Total Aroclor-1242			24426	17776	0.942	0.942
Average Aroclor-1242					0.314	0.314
17) L5 Aroclor-1248	9.38	15.08	6137	3922	0.193	0.174
18) L5 Aroclor-1248 {2}	10.13	15.30	5285	4474	0.193	0.192
19) L5 Aroclor-1248 {3}	11.46	16.31	5928	3299	0.170	0.185
Total Aroclor-1248			17350	11695	0.556	0.551
Average Aroclor-1248					0.185	0.184

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830U.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830U.D\CONFIRM.D  
 Acq On : 02 Sep 96 12:00 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 2 12:34 1996

Vial: 20  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.60	0	1060	N.D.	0.039 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1371	1111	0.032	0.038
22) L6 Aroclor-1254 {3}	15.87	17.69	224	1242	0.007	0.031 #
Total Aroclor-1254			1596	3413	0.039	0.109
Average Aroclor-1254					0.019	0.036
23) L7 Aroclor-1260	13.97	18.33	770	86	0.022	0.003 #
24) L7 Aroclor-1260 {2}	14.77	0.00	170	0	0.004	N.D. #
25) L7 Aroclor-1260 {3}	17.97	22.06	26	35	0.000	0.001 #
Total Aroclor-1260			966	121	0.027	0.003
Average Aroclor-1260					0.009	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



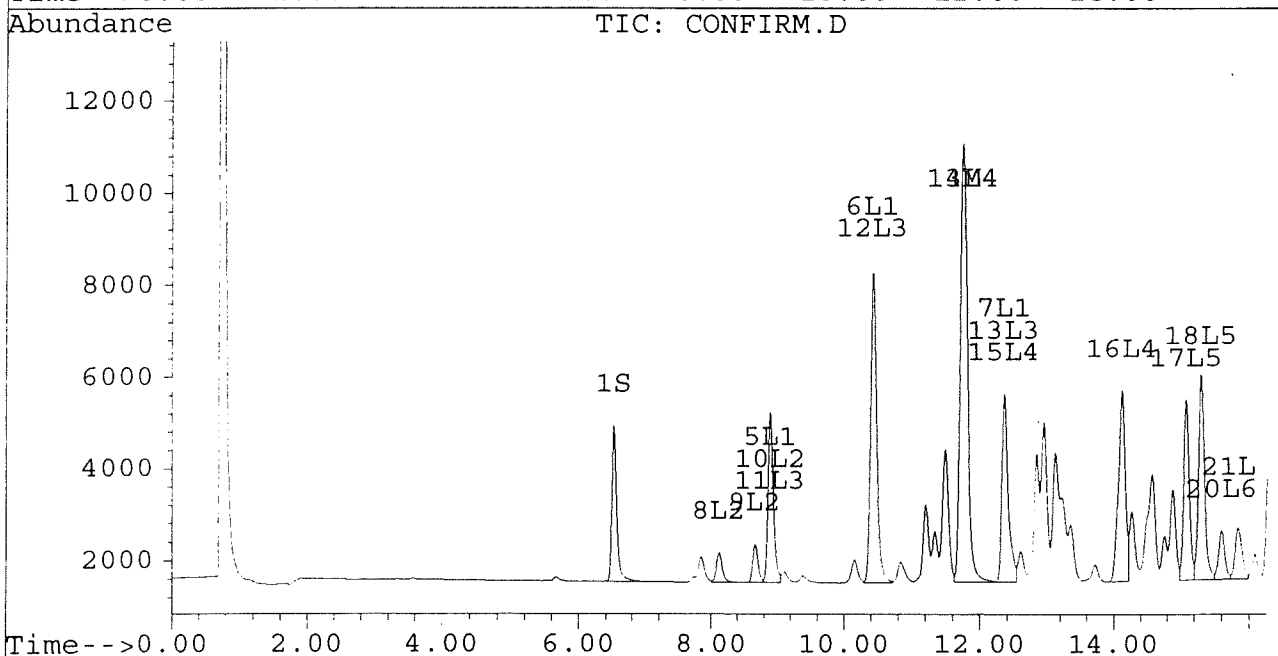
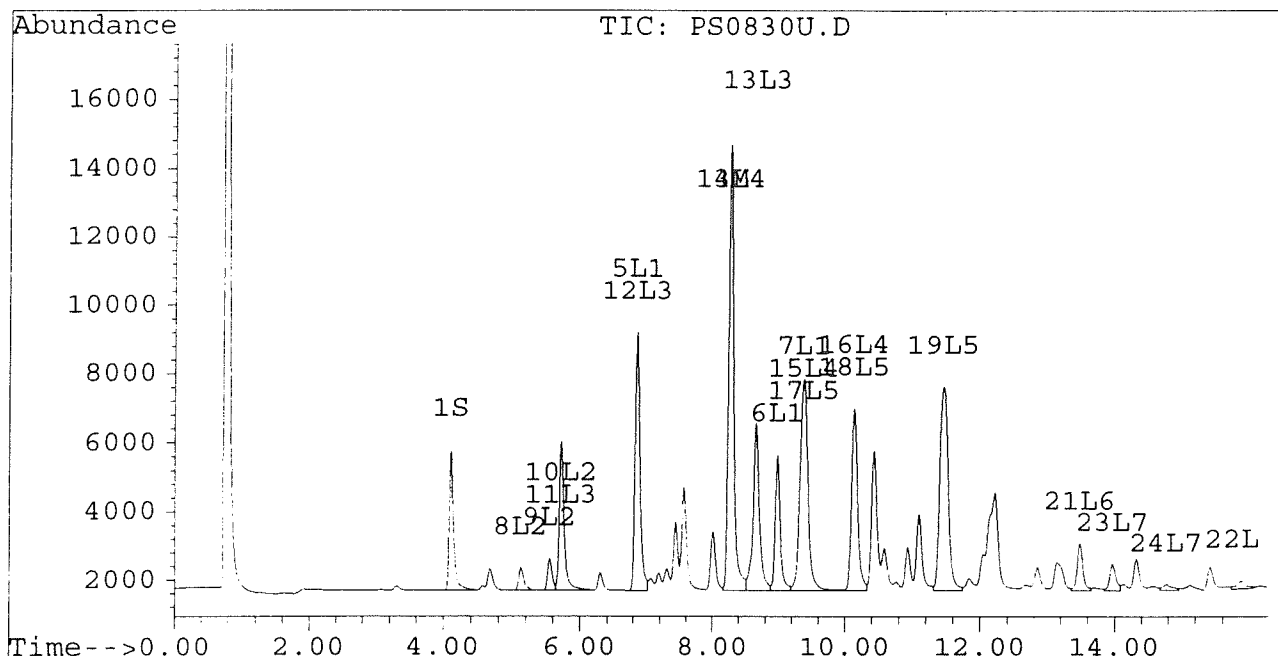
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830U.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830U.D\CONFIRM.D  
Acq On : 02 Sep 96 12:00 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 2 12:34 1996

Vial: 20  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



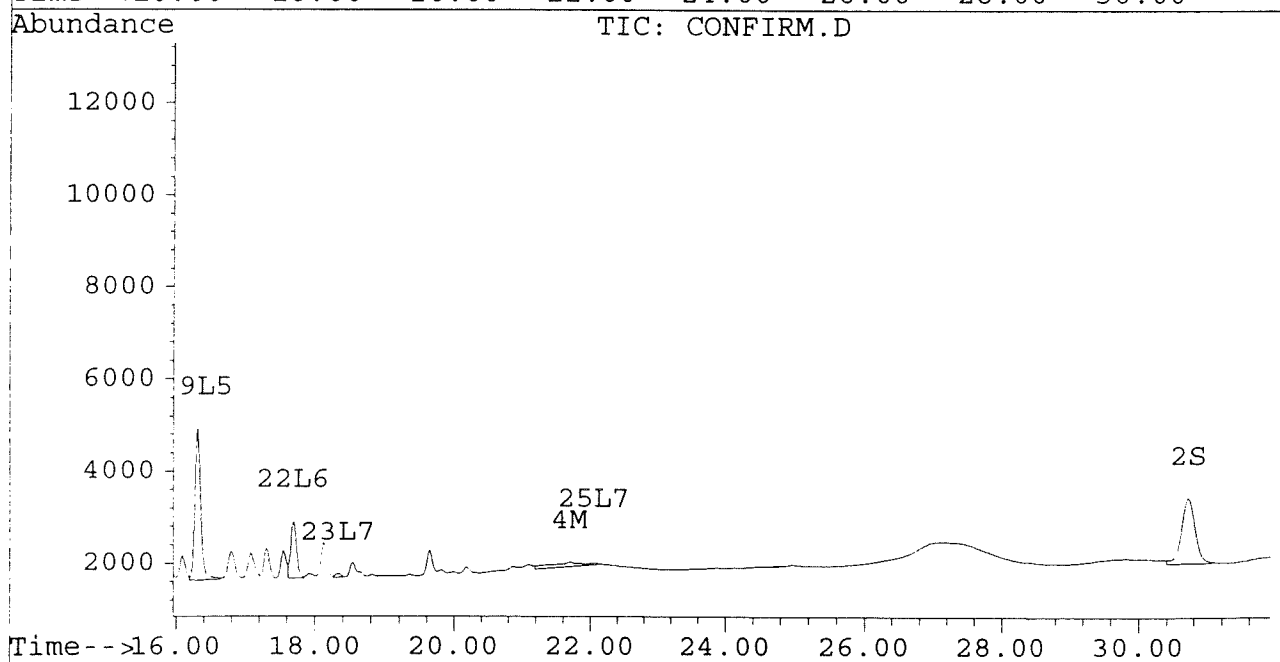
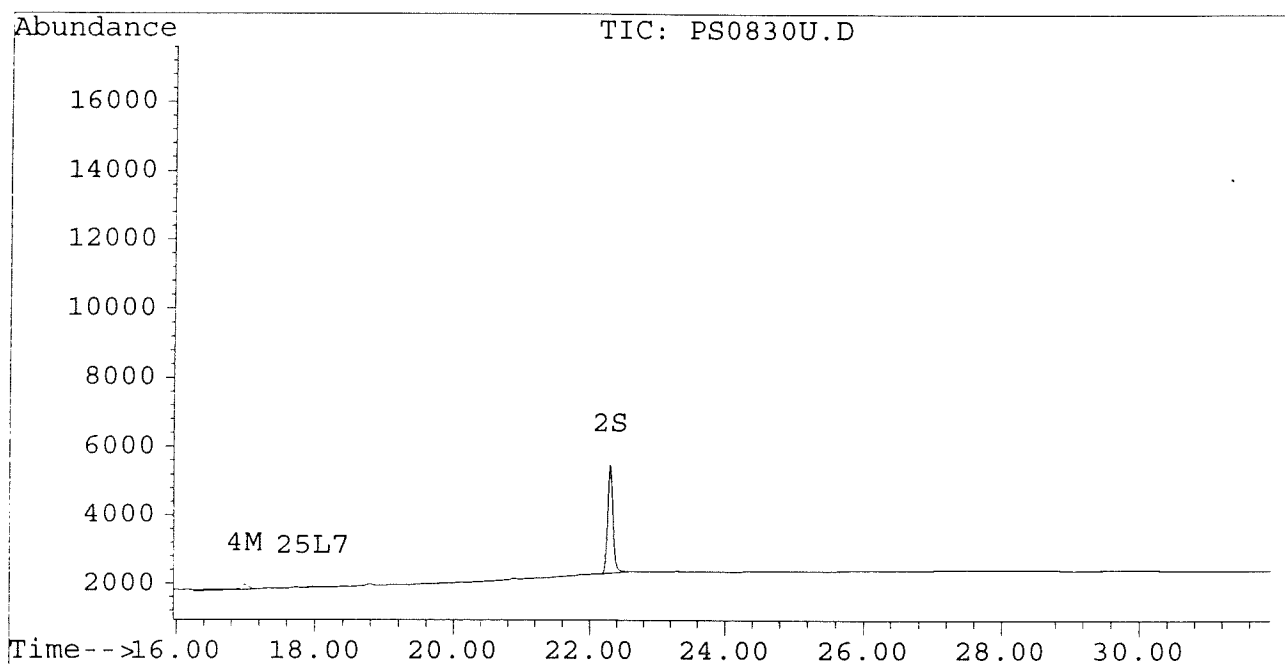
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830U.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830U.D\CONFIRM.D  
Acq On : 02 Sep 96 12:00 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 2 12:34 1996

Vial: 20  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830V.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830V.D\CONFIRM.D  
 Acq On : 02 Sep 96 12:36 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 2 13:10 1996

Vial: 21  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4194	3496	0.018	0.018
			Recovery	=	45.00%	45.00%
2) S Decachlorobiphenyl	22.29	30.71	3313	1565	0.016	0.018
			Recovery	=	40.00%	45.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.76	323	240	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	3049	2131	0.016	0.014
5) L1 Aroclor-1016	6.85	8.90	175	62	0.005	0.005
6) L1 Aroclor-1016 {2}	8.99	10.44	96	156	0.005	0.006
7) L1 Aroclor-1016 {3}	9.34f	12.37	5740	79	0.221	0.005 #
Total Aroclor-1016			6012	297	0.232	0.015
Average Aroclor-1016					0.077	0.005
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.90	72	62	0.004	0.004
Total Aroclor-1221			72	62	0.004	0.004
Average Aroclor-1221					0.004	0.004
11) L3 Aroclor-1232	5.73	8.90	72	62	0.004	0.004
12) L3 Aroclor-1232 {2}	6.85	10.44	175	156	0.013	0.013
13) L3 Aroclor-1232 {3}	8.65	12.37	116	79	0.014	0.011
Total Aroclor-1232			363	297	0.031	0.029
Average Aroclor-1232					0.010	0.010
14) L4 Aroclor-1242	8.27	11.76	323	240	0.008	0.008
15) L4 Aroclor-1242 {2}	9.34f	12.37	5740	79	0.295	0.006 #
16) L4 Aroclor-1242 {3}	10.12	14.13	2810	2474	0.166	0.186
Total Aroclor-1242			8873	2792	0.469	0.200
Average Aroclor-1242					0.156	0.067
17) L5 Aroclor-1248	9.34	15.08	5740	3600	0.180	0.160
18) L5 Aroclor-1248 {2}	10.12	15.30	2810	1124	0.103	0.048 #
19) L5 Aroclor-1248 {3}	11.41	16.31	10547	734	0.303	0.041 #
Total Aroclor-1248			19097	5458	0.586	0.249
Average Aroclor-1248					0.195	0.083

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 PS0830V.D PCB1G.M Mon Sep 02 13:10:16 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830V.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830V.D\CONFIRM.D  
 Acq On : 02 Sep 96 12:36 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 2 13:10 1996

Vial: 21  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	9867	8602	0.316	0.318
21) L6 Aroclor-1254 {2}	13.48	15.83	13740	9319	0.318	0.320
22) L6 Aroclor-1254 {3}	15.87	17.69	10071	12883	0.314	0.323
Total Aroclor-1254			33679	30804	0.948	0.962
Average Aroclor-1254					0.316	0.321
23) L7 Aroclor-1260	13.98	18.33	6281	4709	0.181	0.147
24) L7 Aroclor-1260 {2}	14.76	18.64	5538	5135	0.136	0.143
25) L7 Aroclor-1260 {3}	17.97	22.06	1362	927	0.024	0.017 #
Total Aroclor-1260			13181	10771	0.341	0.307
Average Aroclor-1260					0.114	0.102
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

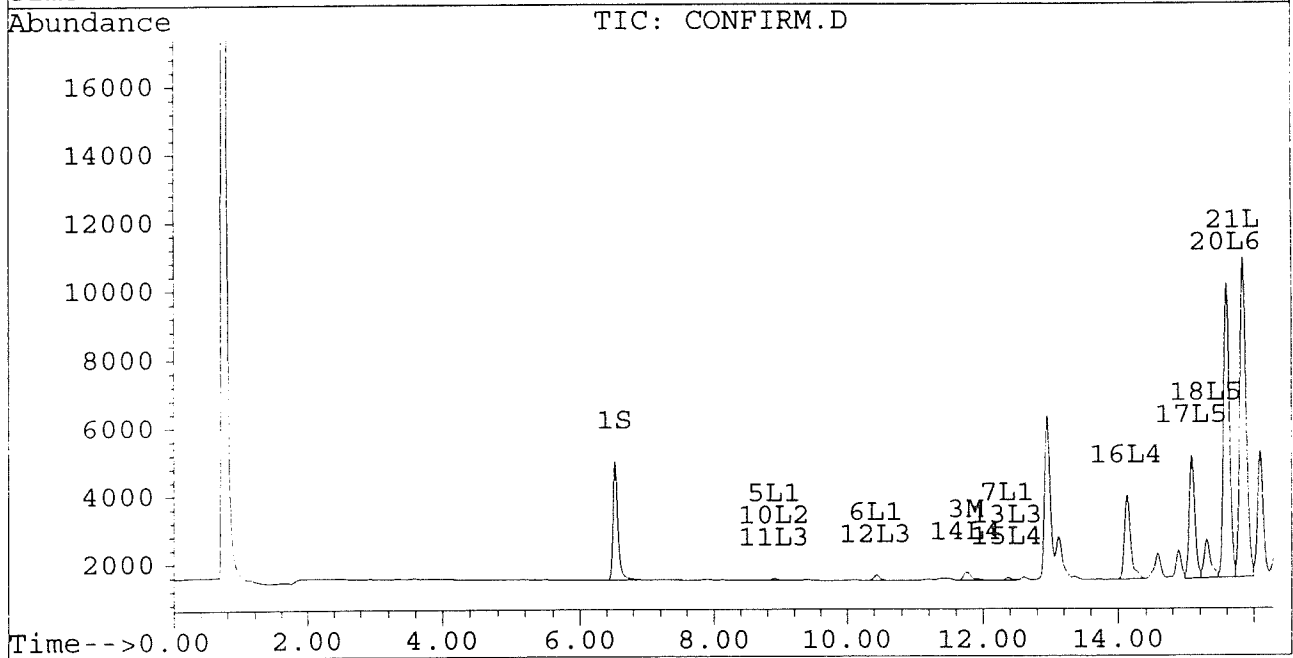
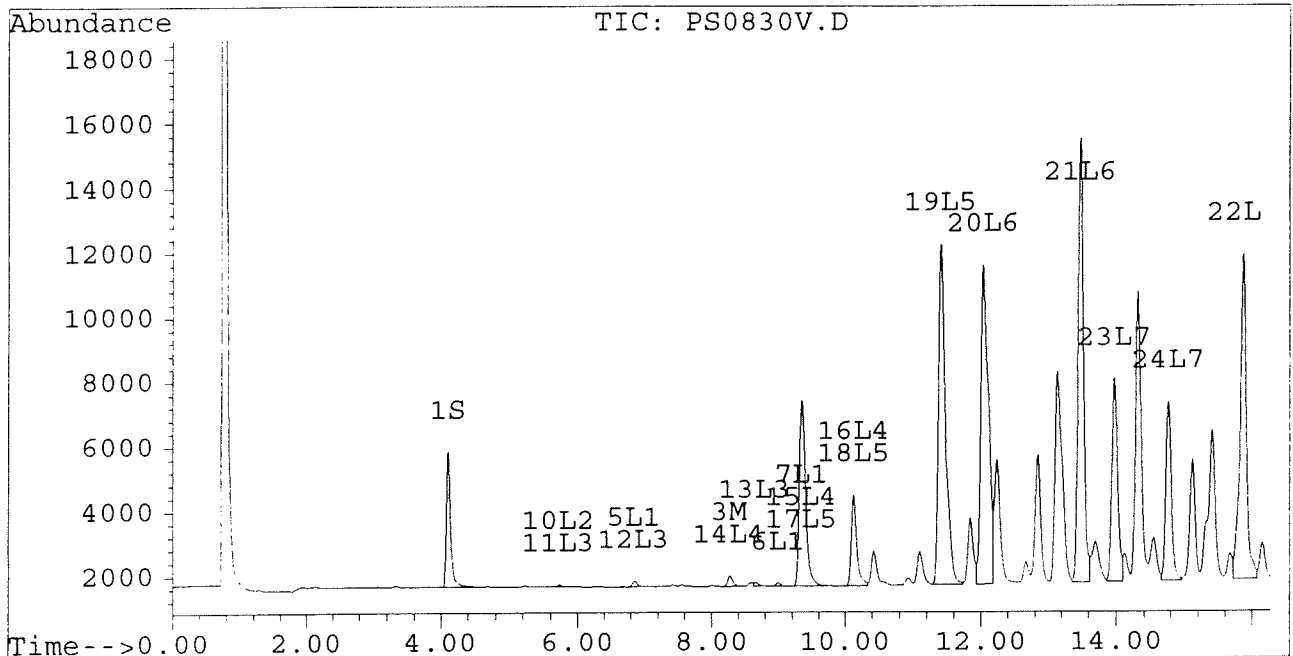
Signal #1 : D:\HPCHEM\5\AU29\PS0830V.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830V.D\CONFIRM.D  
Acq On : 02 Sep 96 12:36 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 2 13:10 1996

Vial: 21  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



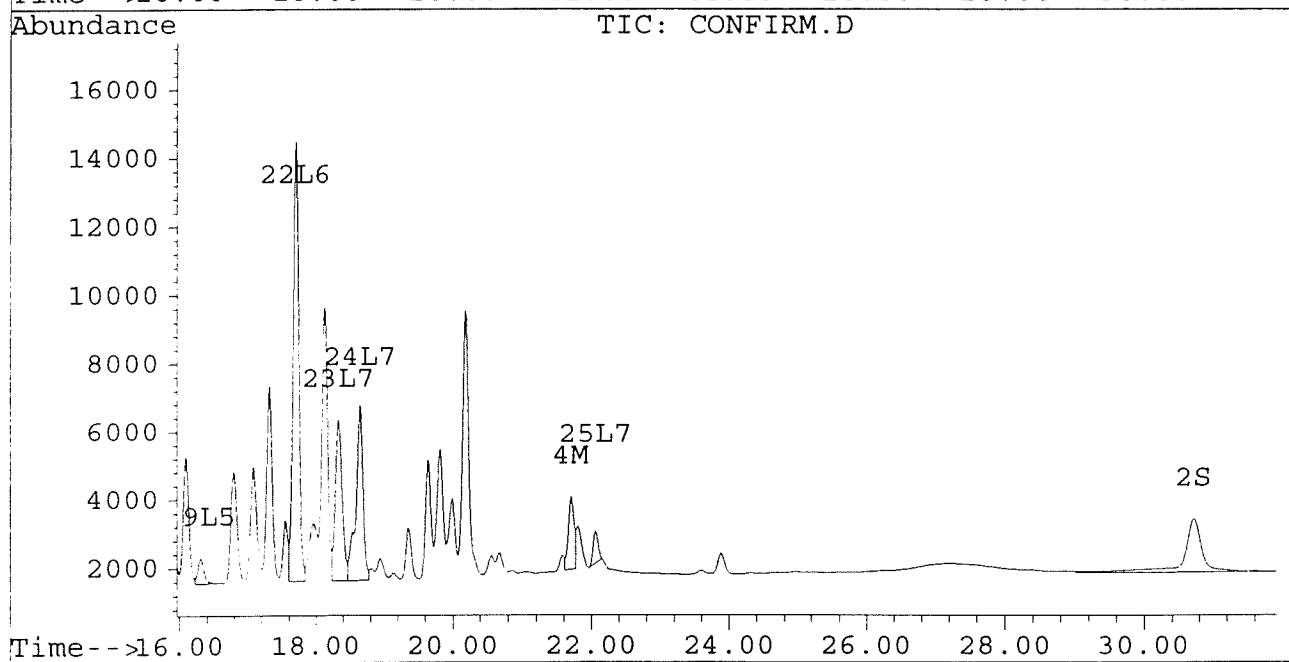
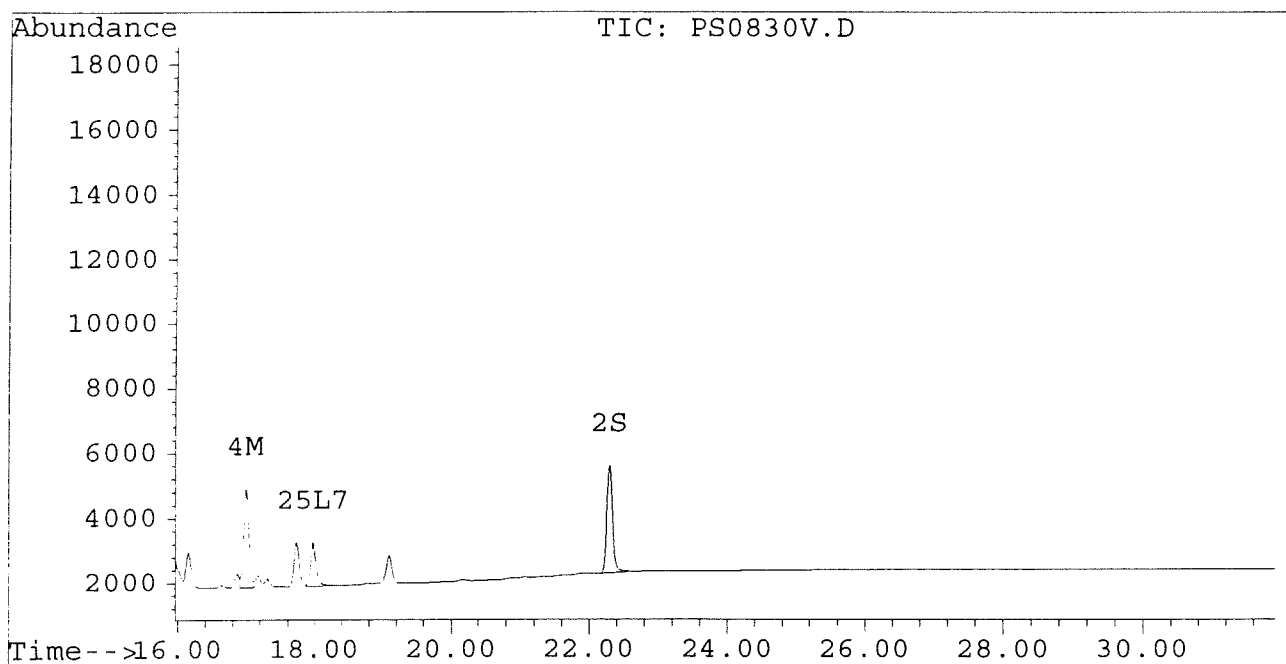
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830V.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830V.D\CONFIRM.D  
Acq On : 02 Sep 96 12:36 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 2 13:10 1996

Vial: 21  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830W.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830W.D\CONFIRM.D  
 Acq On : 02 Sep 96 07:06 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 2 19:40 1996

Vial: 96  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.10	6.53	5365	4271	0.022	0.022
			Recovery	=	55.00%	55.00%
2) S Decachlorobiphenyl	22.30	30.72	3331	1720	0.016	0.019
			Recovery	=	40.00%	47.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	114	0	0.001	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.36	0.00	21	0	0.001	N.D. #
Total Aroclor-1016			21	0	0.001	N.D.
Average Aroclor-1016					0.001	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	9.36	0.00	21	0	0.001	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			21	0	0.001	N.D.
Average Aroclor-1242					0.001	0.000
17) L5 Aroclor-1248	9.36	0.00	21	0	0.001	N.D. #
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			21	0	0.001	N.D.
Average Aroclor-1248					0.001	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830W.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830W.D\CONFIRM.D  
 Acq On : 02 Sep 96 07:06 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 2 19:40 1996

Vial: 96  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	17.70	0	72	N.D.	0.002 #
Total Aroclor-1254			0	72	N.D.	0.002
Average Aroclor-1254					0.000	0.002
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	23.35f	0	769	N.D.	0.179 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.11	0	1171	N.D.	NoCal
Total Aroclor-1268			0	769	N.D.	0.179
Average Aroclor-1268					0.000	0.179



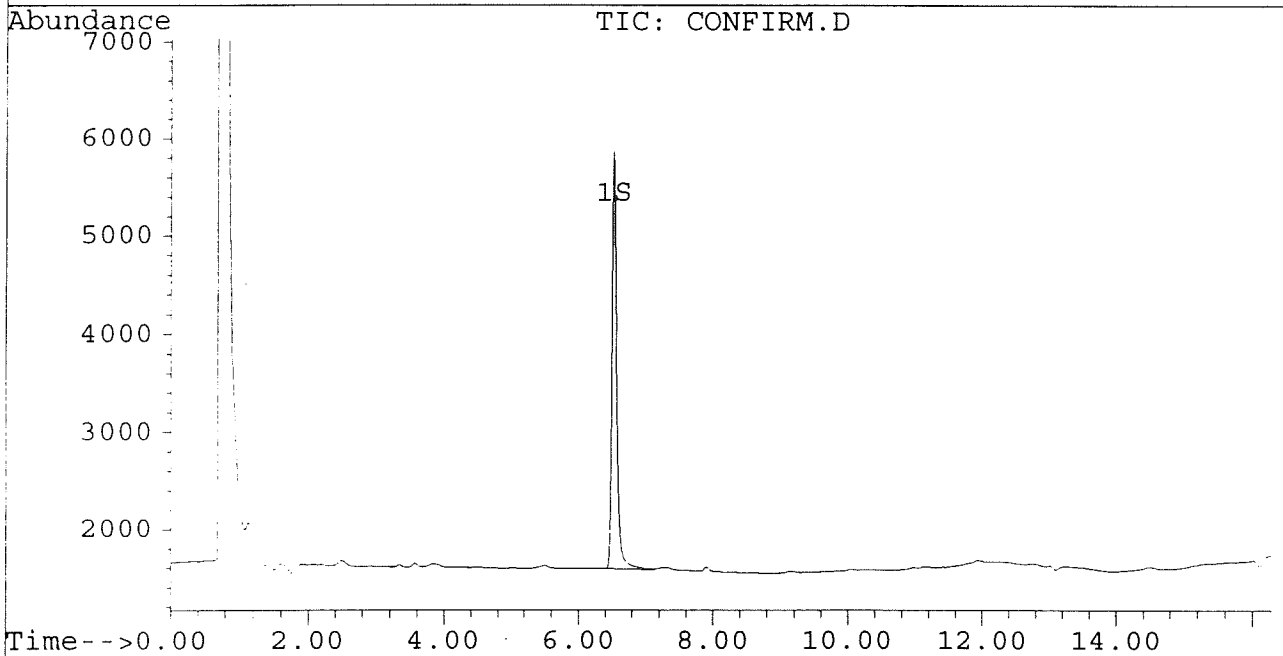
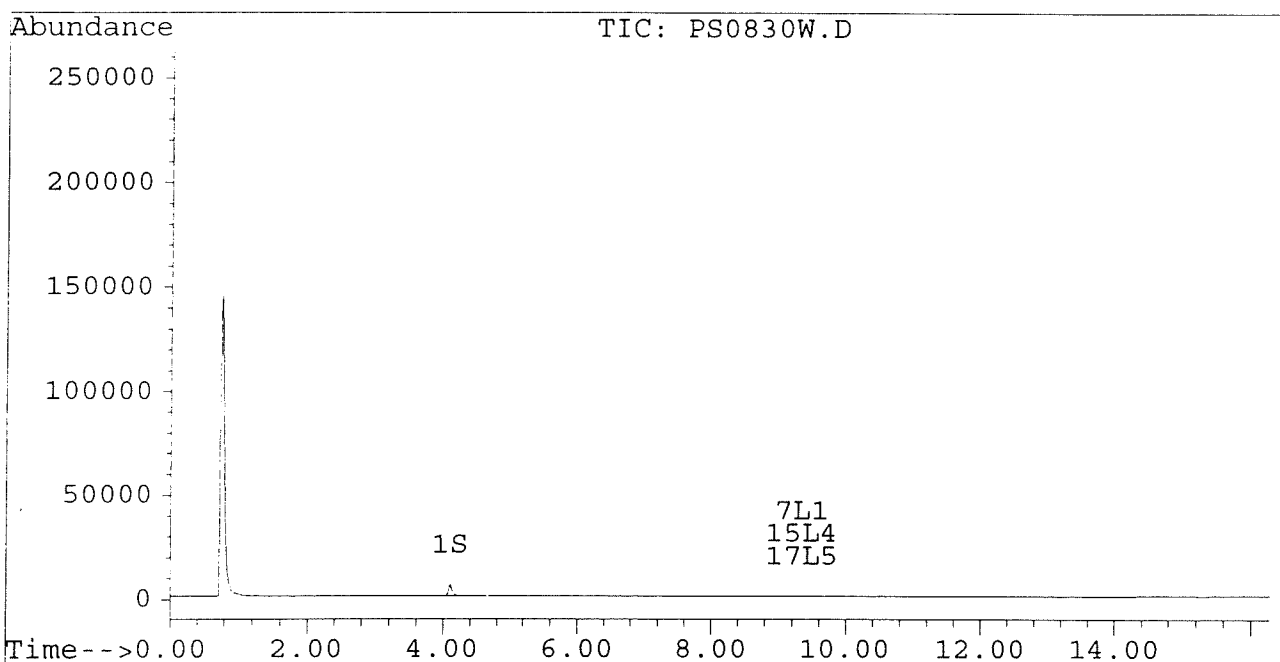
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830W.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830W.D\CONFIRM.D  
Acq On : 02 Sep 96 07:06 PM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 2 19:40 1996

Vial: 96  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



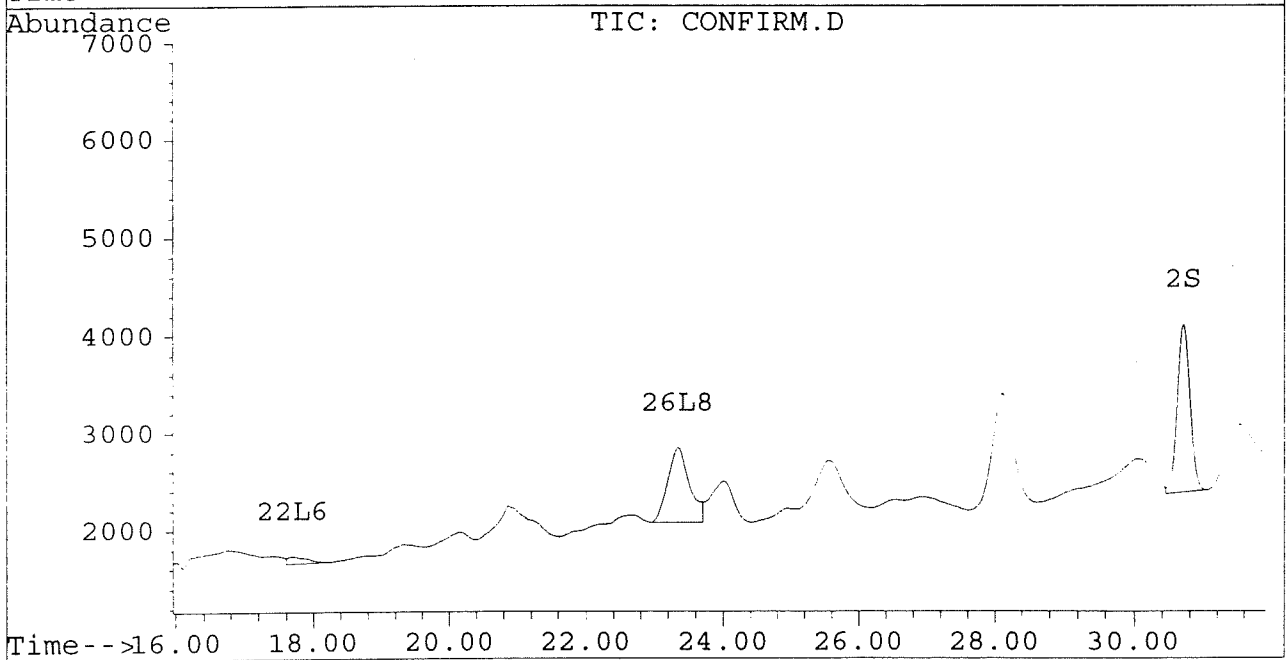
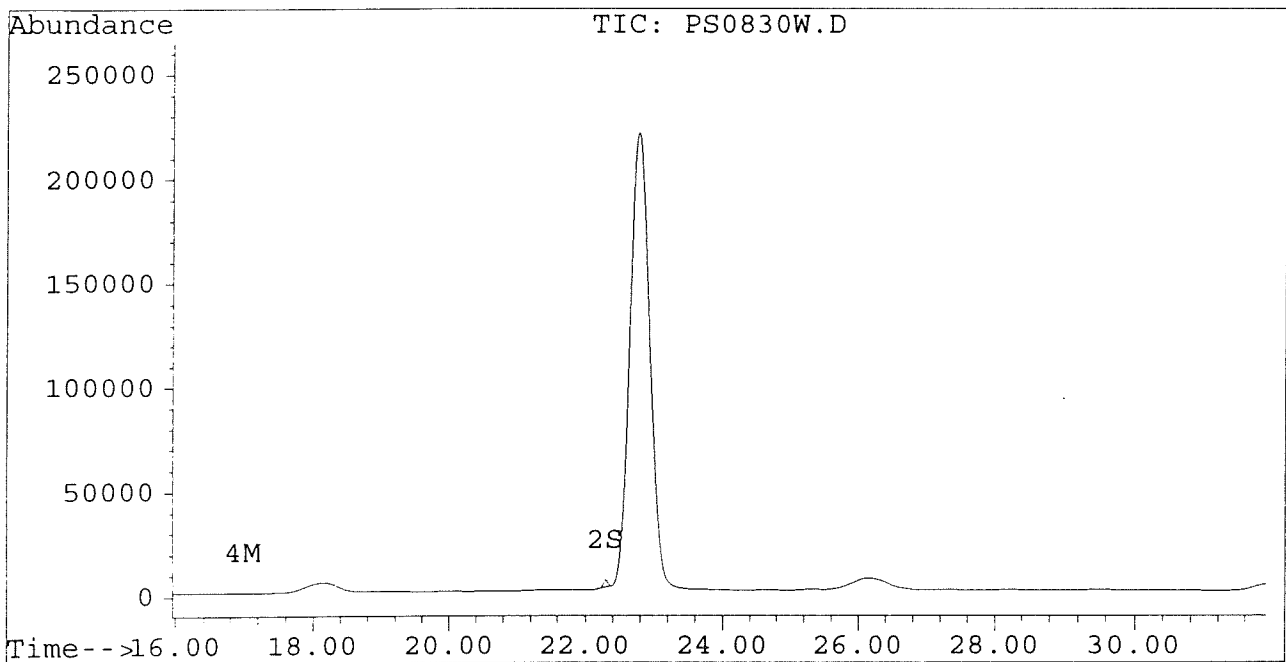
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830W.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830W.D\CONFIRM.D  
Acq On : 02 Sep 96 07:06 PM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 2 19:40 1996

Vial: 96  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830X.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830X.D\CONFIRM.D  
 Acq On : 02 Sep 96 07:42 PM  
 Sample : PCB COGENERS 0.25 UG/ML  
 Misc :  
 Quant Time: Sep 2 20:16 1996

Vial: 33  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.10	6.53	5251	4179	0.022	0.022
			Recovery	=	55.00%	55.00%
2) S Decachlorobiphenyl	22.29	30.73	3813	836	0.018	0.009 #
			Recovery	=	45.00%	22.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.79	27718	25363	0.253	0.265
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	46942	41068	0.251	0.262
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.11	8.12	45	67	0.006	0.011 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			45	67	0.006	0.011
Average Aroclor-1221					0.006	0.011
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.27	11.79	27718	25363	0.669	0.851 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			27718	25363	0.669	0.851
Average Aroclor-1242					0.669	0.851
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	11.48f	0.00	15	0	0.000	N.D. #
Total Aroclor-1248			15	0	0.000	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830X.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830X.D\CONFIRM.D  
 Acq On : 02 Sep 96 07:42 PM  
 Sample : PCB COGENERS 0.25 UG/ML  
 Misc :  
 Quant Time: Sep 2 20:16 1996

Vial: 33  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	13.96	0.00	135	0	0.004	N.D. #
24) L7 Aroclor-1260 {2}	14.77	0.00	9	0	0.000	N.D. #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			144	0	0.004	N.D.
Average Aroclor-1260					0.002	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

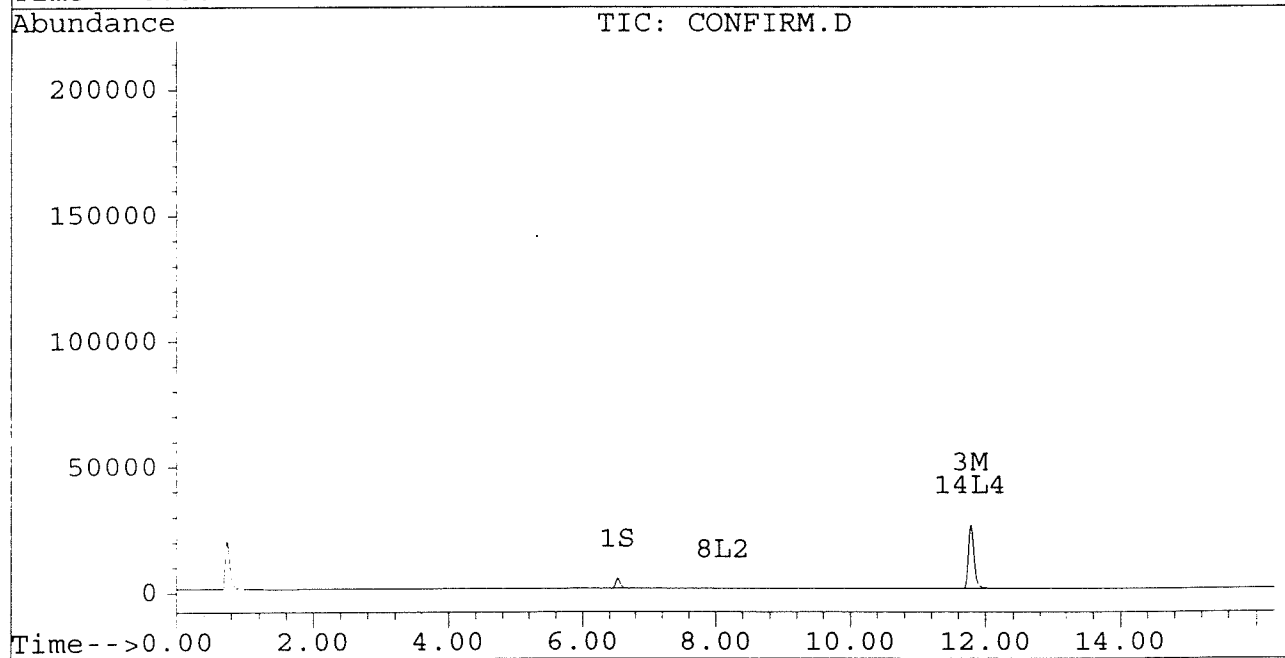
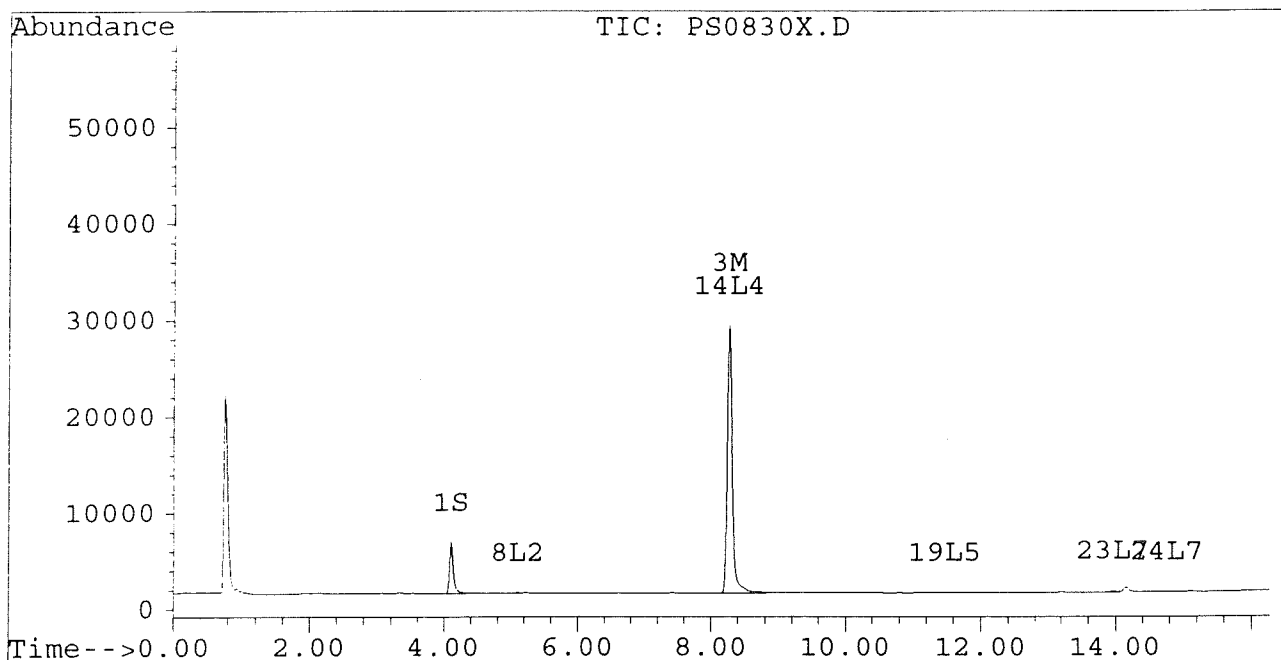
Signal #1 : D:\HPCHEM\5\AU29\PS0830X.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830X.D\CONFIRM.D  
Acq On : 02 Sep 96 07:42 PM  
Sample : PCB COGENERES 0.25 UG/ML  
Misc :  
Quant Time: Sep 2 20:16 1996

Vial: 33  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



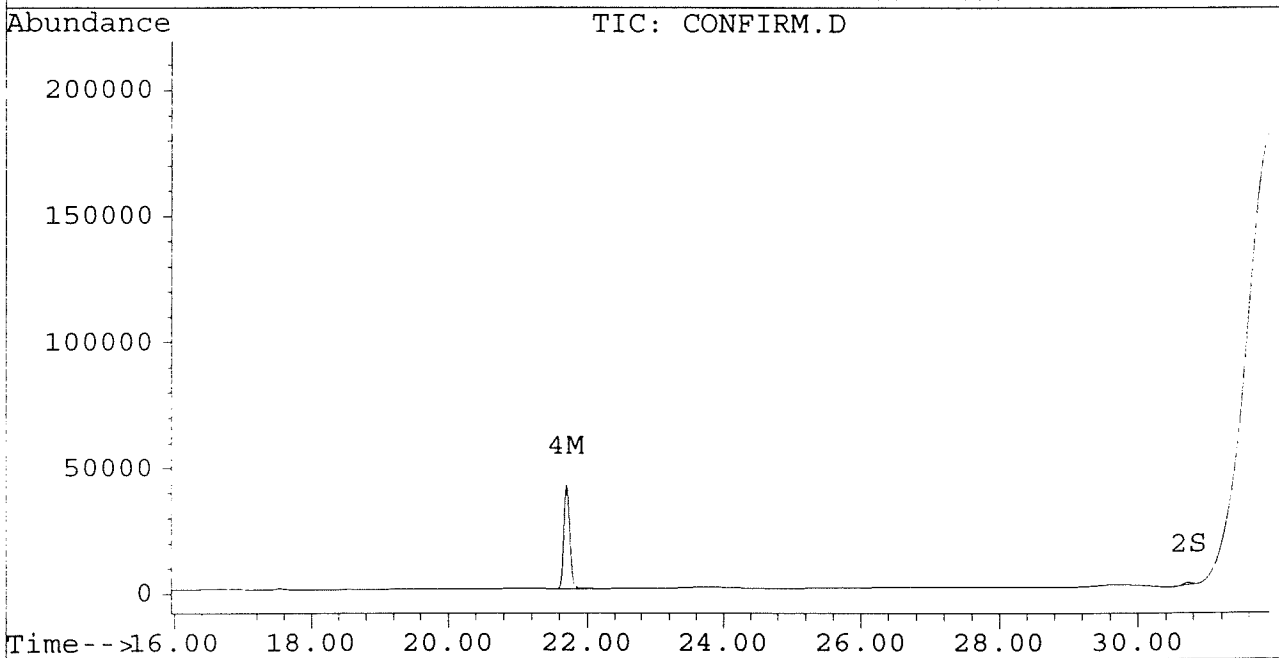
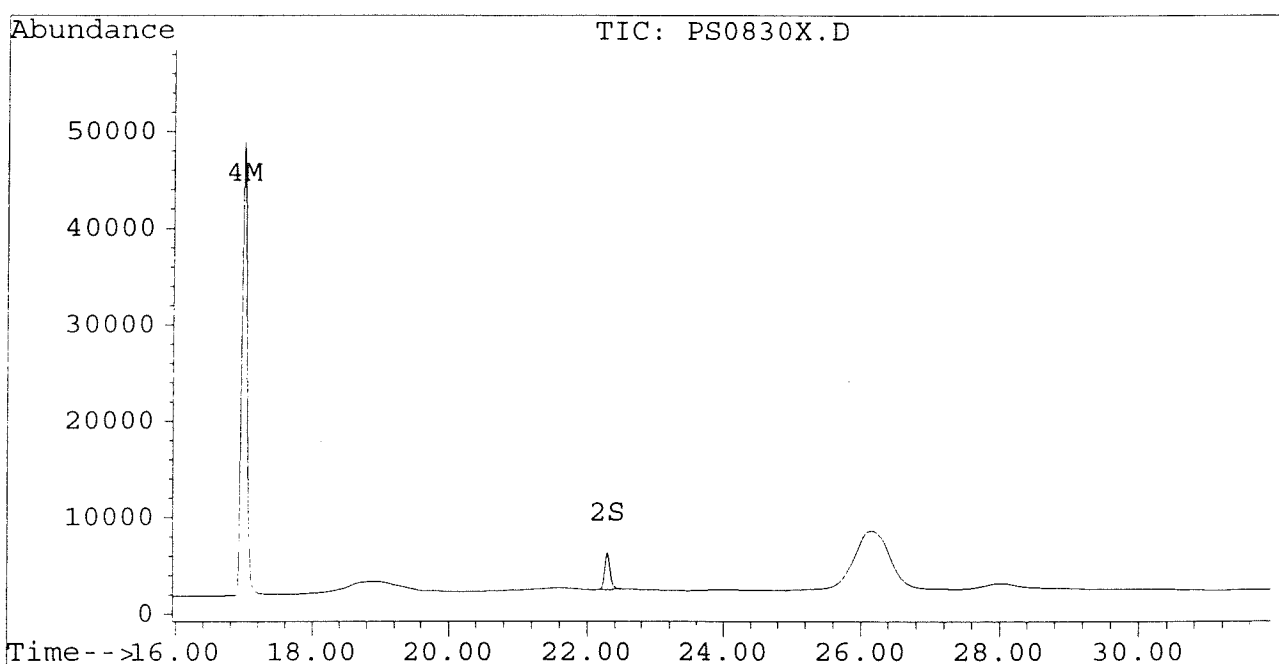
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830X.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830X.D\CONFIRM.D  
Acq On : 02 Sep 96 07:42 PM  
Sample : PCB COGENERS 0.25 UG/ML  
Misc :  
Quant Time: Sep 2 20:16 1996

Vial: 33  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830Y.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830Y.D\CONFIRM.D  
 Acq On : 02 Sep 96 08:18 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 3 11:03 1996

Vial: 20  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.10	6.53	4296	3712	0.018	0.019m
			Recovery	=	45.00%	47.50%
2) S Decachlorobiphenyl	22.29	30.72	3474	992	0.016	0.011 #
			Recovery	=	40.00%	27.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.77	13373	11629	0.122	0.121
4) M 2,2',3,3',4,4'-Hexa	17.00	21.70	178	70	0.001	0.000 #
5) L1 Aroclor-1016	6.85	8.90	7709	6682	0.241	0.497 #
6) L1 Aroclor-1016 {2}	8.98	10.43	4061	10217	0.232	0.366 #
7) L1 Aroclor-1016 {3}	9.38	12.36	6252	6320	0.241	0.366 #
Total Aroclor-1016			18023	23219	0.713	1.229
Average Aroclor-1016					0.238	0.410
8) L2 Aroclor-1221	5.13	8.12	683	2936	0.097	0.480 #
9) L2 Aroclor-1221 {2}	5.55	8.67	951	3521	0.163	0.722 #
10) L2 Aroclor-1221 {3}	5.72	8.90	4437	6682	0.220	0.435 #
Total Aroclor-1221			6071	13139	0.480	1.637
Average Aroclor-1221					0.160	0.546
11) L3 Aroclor-1232	5.72	8.90	4437	6682	0.243	0.466 #
12) L3 Aroclor-1232 {2}	6.85	10.43	7709	10217	0.565	0.850 #
13) L3 Aroclor-1232 {3}	8.66	12.36	4980	6320	0.602	0.911 #
Total Aroclor-1232			17126	23219	1.410	2.228
Average Aroclor-1232					0.470	0.743
14) L4 Aroclor-1242	8.27	11.77	13373	10029	0.323	0.337m
15) L4 Aroclor-1242 {2}	9.38	12.36	6252	4455	0.321	0.337m
16) L4 Aroclor-1242 {3}	10.13	14.13	5434	4231	0.322	0.318m
Total Aroclor-1242			25059	18715	0.966	0.992
Average Aroclor-1242					0.322	0.331
17) L5 Aroclor-1248	9.38	15.08	6252	4465	0.196	0.198
18) L5 Aroclor-1248 {2}	10.13	15.30	5434	4919	0.198	0.211
19) L5 Aroclor-1248 {3}	11.45	16.30	6063	3472	0.174	0.194
Total Aroclor-1248			17750	12855	0.569	0.603
Average Aroclor-1248					0.190	0.201

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830Y.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830Y.D\CONFIRM.D  
 Acq On : 02 Sep 96 08:18 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 3 11:03 1996

Vial: 20  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	1095	1268	0.035	0.047 #
21) L6 Aroclor-1254 {2}	13.48	15.84	1402	1233	0.032	0.042 #
22) L6 Aroclor-1254 {3}	15.87	17.69	230	1258	0.007	0.032 #
Total Aroclor-1254			2727	3760	0.075	0.121
Average Aroclor-1254					0.025	0.040
23) L7 Aroclor-1260	13.97	18.33	793	96	0.023	0.003 #
24) L7 Aroclor-1260 {2}	14.76	0.00	175	0	0.004	N.D. #
25) L7 Aroclor-1260 {3}	17.97	22.06	79	21	0.001	0.000 #
Total Aroclor-1260			1048	117	0.029	0.003
Average Aroclor-1260					0.010	0.002
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



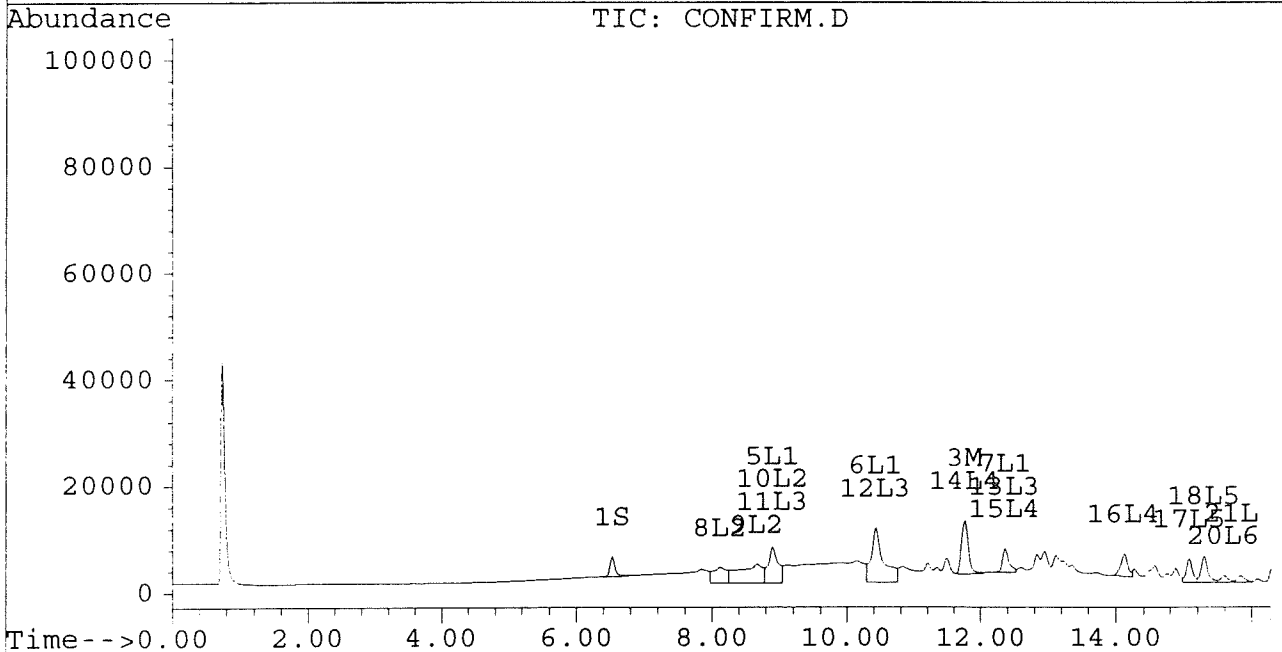
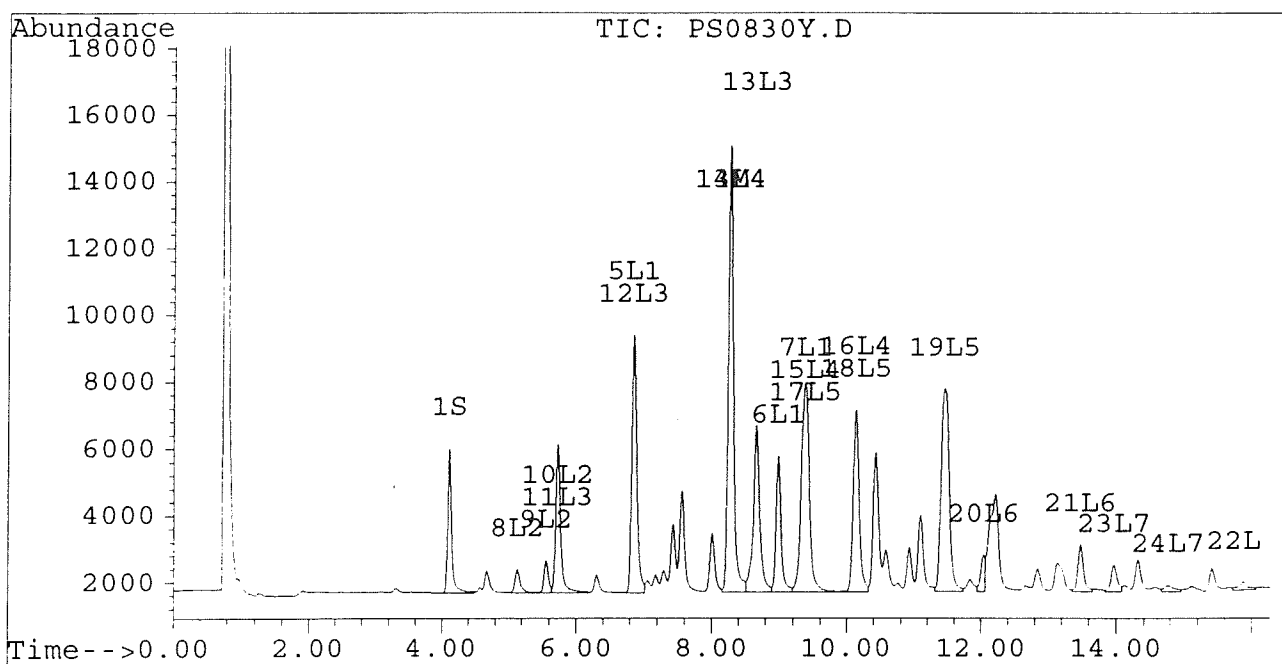
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830Y.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830Y.D\CONFIRM.D  
Acq On : 02 Sep 96 08:18 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 3 11:03 1996

Vial: 20  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



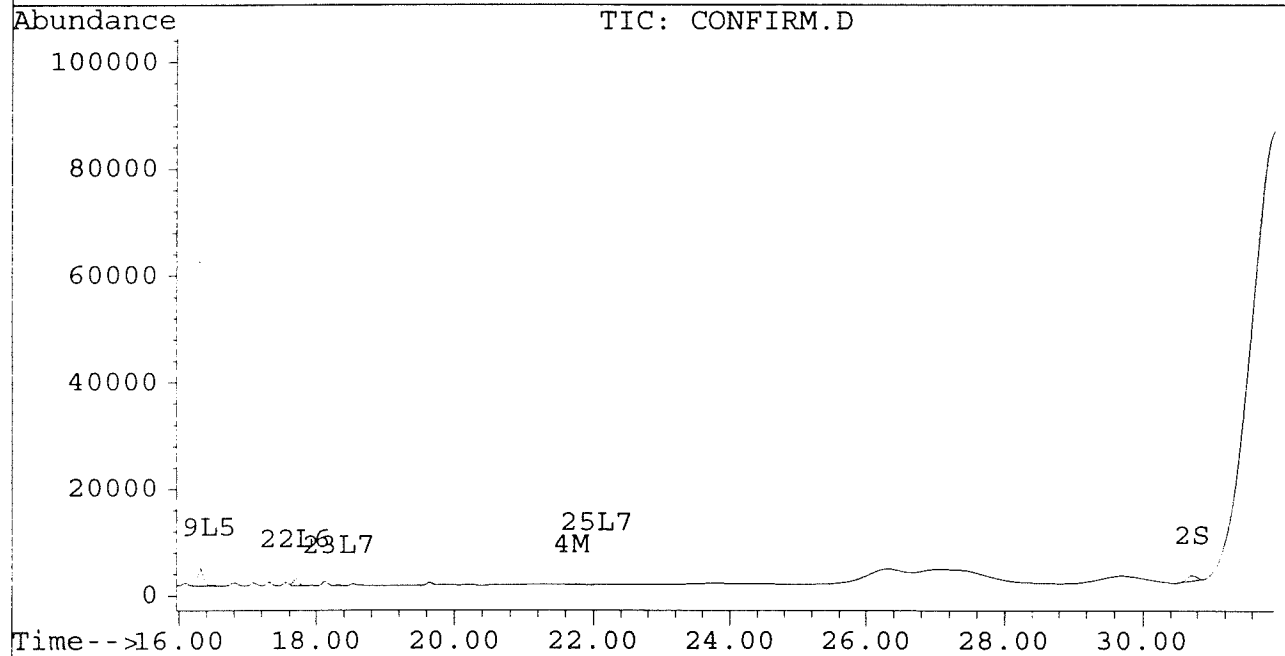
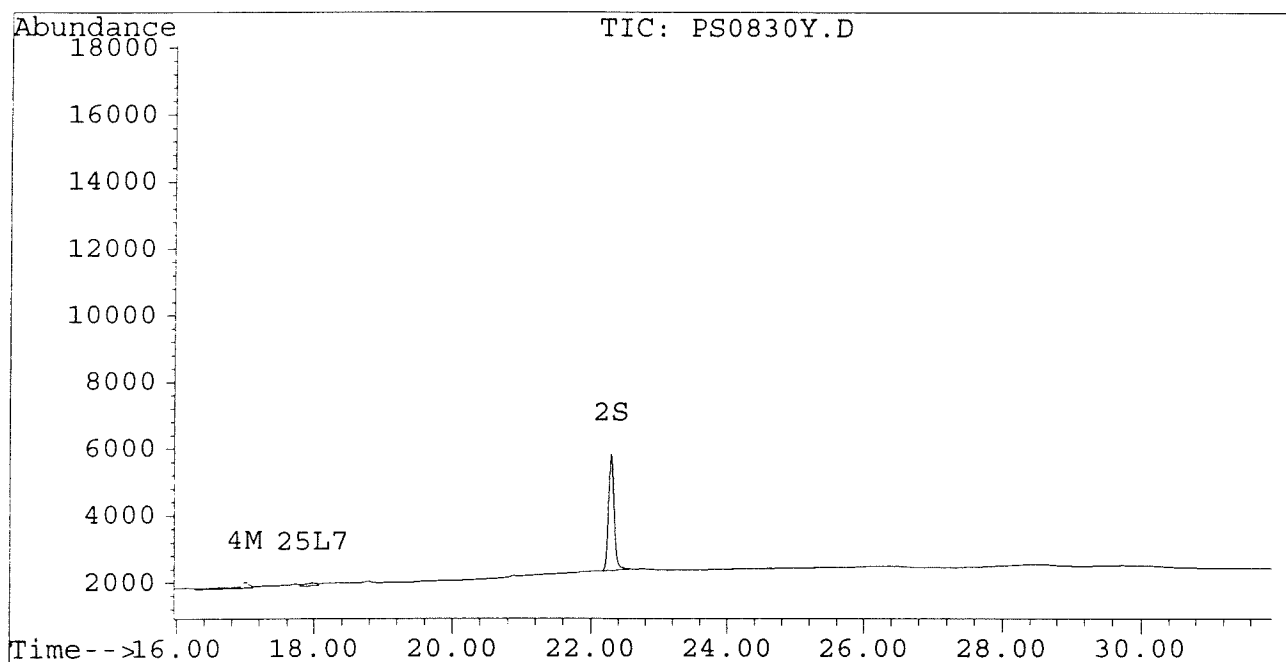
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830Y.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830Y.D\CONFIRM.D  
Acq On : 02 Sep 96 08:18 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 3 11:03 1996

Vial: 20  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830Z.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830Z.D\CONFIRM.D  
 Acq On : 02 Sep 96 08:53 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 2 21:27 1996

Vial: 21  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	4447	4252	0.019	0.022
			Recovery	=	47.50%	55.00%
2) S Decachlorobiphenyl	22.29	30.71	3510	1588	0.017	0.018
			Recovery	=	42.50%	45.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.76	337	800	0.003	0.008 #
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	3182	2215	0.017	0.014
5) L1 Aroclor-1016	6.85	8.91	183	1174	0.006	0.087 #
6) L1 Aroclor-1016 {2}	8.99	10.43	100	1369	0.006	0.049 #
7) L1 Aroclor-1016 {3}	9.34f	12.37	5969	795	0.230	0.046 #
Total Aroclor-1016			6252	3338	0.242	0.182
Average Aroclor-1016					0.081	0.061
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.73	8.91	75	1174	0.004	0.076 #
Total Aroclor-1221			75	1174	0.004	0.076
Average Aroclor-1221					0.004	0.076
11) L3 Aroclor-1232	5.73	8.91	75	1174	0.004	0.082 #
12) L3 Aroclor-1232 {2}	6.85	10.43	183	1369	0.013	0.114 #
13) L3 Aroclor-1232 {3}	8.65	12.37	123	795	0.015	0.115 #
Total Aroclor-1232			381	3338	0.032	0.311
Average Aroclor-1232					0.011	0.104
14) L4 Aroclor-1242	8.27	11.76	337	800	0.008	0.027 #
15) L4 Aroclor-1242 {2}	9.34f	12.37	5969	795	0.307	0.060 #
16) L4 Aroclor-1242 {3}	10.12	14.13	2951	2954	0.175	0.222 #
Total Aroclor-1242			9257	4549	0.490	0.309
Average Aroclor-1242					0.163	0.103
17) L5 Aroclor-1248	9.34	15.08	5969	3902	0.188	0.173
18) L5 Aroclor-1248 {2}	10.12	15.30	2951	1235	0.108	0.053 #
19) L5 Aroclor-1248 {3}	11.41	16.31	11068	757	0.318	0.042 #
Total Aroclor-1248			19987	5894	0.613	0.269
Average Aroclor-1248					0.204	0.090

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830Z.D  
 Signal #2 : D:\HPCHEM\5\AU29\PS0830Z.D\CONFIRM.D  
 Acq On : 02 Sep 96 08:53 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 2 21:27 1996

Vial: 21  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	10365	9110	0.332	0.337
21) L6 Aroclor-1254 {2}	13.48	15.83	14532	9709	0.337	0.334
22) L6 Aroclor-1254 {3}	15.87	17.69	10481	13480	0.326	0.338
Total Aroclor-1254			35378	32299	0.995	1.009
Average Aroclor-1254					0.332	0.336
23) L7 Aroclor-1260	13.98	18.32	6641	4912	0.191	0.154
24) L7 Aroclor-1260 {2}	14.76	18.64	5922	5336	0.146	0.148
25) L7 Aroclor-1260 {3}	17.97	22.06	1434	966	0.025	0.018 #
Total Aroclor-1260			13997	11215	0.362	0.320
Average Aroclor-1260					0.121	0.107
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

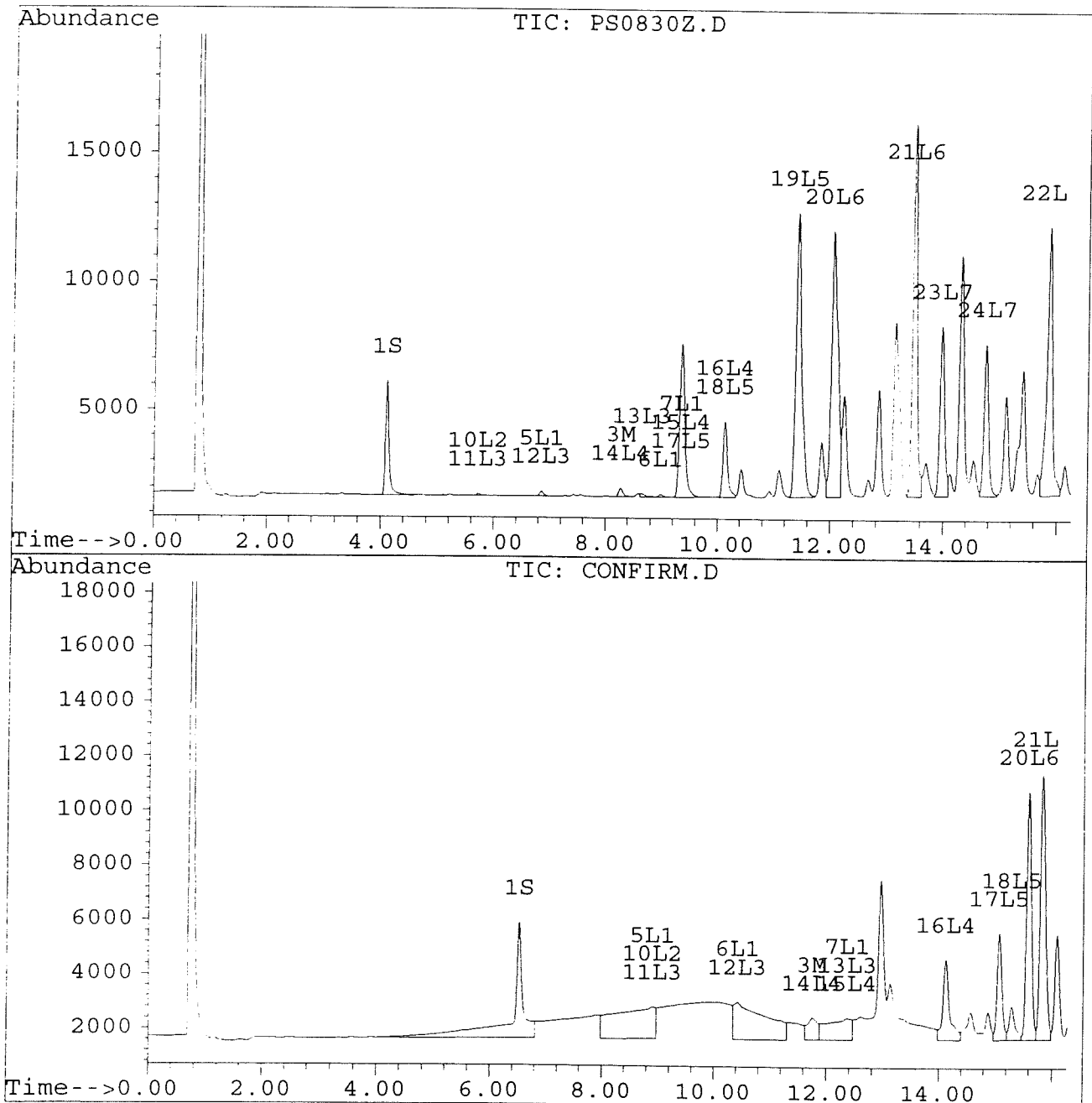
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830Z.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830Z.D\CONFIRM.D  
Acq On : 02 Sep 96 08:53 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 02 21:27 1996

Vial: 21  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



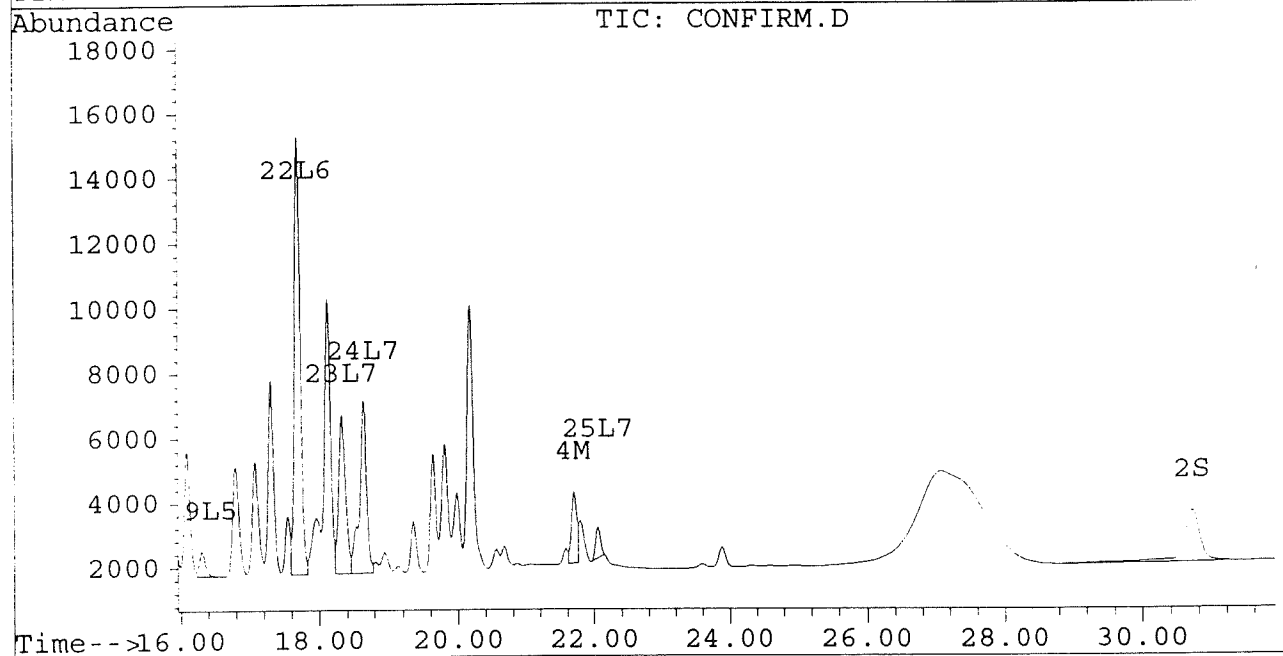
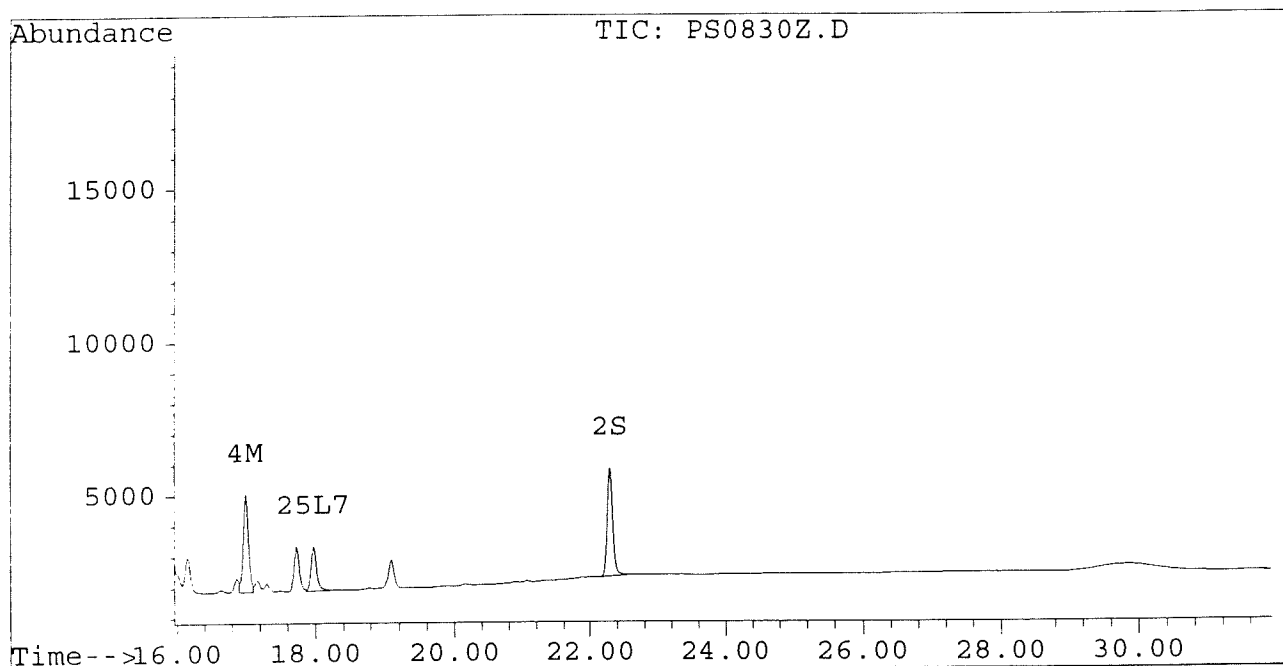
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\PS0830Z.D  
Signal #2 : D:\HPCHEM\5\AU29\PS0830Z.D\CONFIRM.D  
Acq On : 02 Sep 96 08:53 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 2 21:27 1996

Vial: 21  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903A.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903A.D\CONFIRM.D  
 Acq On : 03 Sep 96 01:35 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 3 15:36 1996

Vial: 1  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.06	6.46	4407	3534	0.018	0.019
			Recovery	=	45.00%	47.50%
2) S Decachlorobiphenyl	22.20	30.48	3386	1481	0.016	0.017
			Recovery	=	40.00%	42.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.68	13420	9962	0.123	0.104
4) M 2,2',3,3',4,4'-Hexa	16.92	0.00	199	0	0.001	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.68	13420	9962	0.324	0.334
15) L4 Aroclor-1242 {2}	9.31	12.28	6344	4250	0.326	0.322
16) L4 Aroclor-1242 {3}	10.06	14.04	5414	4349	0.320	0.327
Total Aroclor-1242			25178	18562	0.971	0.983
Average Aroclor-1242					0.324	0.328
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903A.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903A.D\CONFIRM.D  
 Acq On : 03 Sep 96 01:35 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 3 15:36 1996

Vial: 1  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.97	15.50	1113	1081	0.036	0.040
21) L6 Aroclor-1254 {2}	13.40	15.75	1412	1151	0.033	0.040
22) L6 Aroclor-1254 {3}	15.79	17.60	230	1276	0.007	0.032 #
Total Aroclor-1254			2754	3508	0.075	0.112
Average Aroclor-1254					0.025	0.037
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	21.80	0.00	12	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



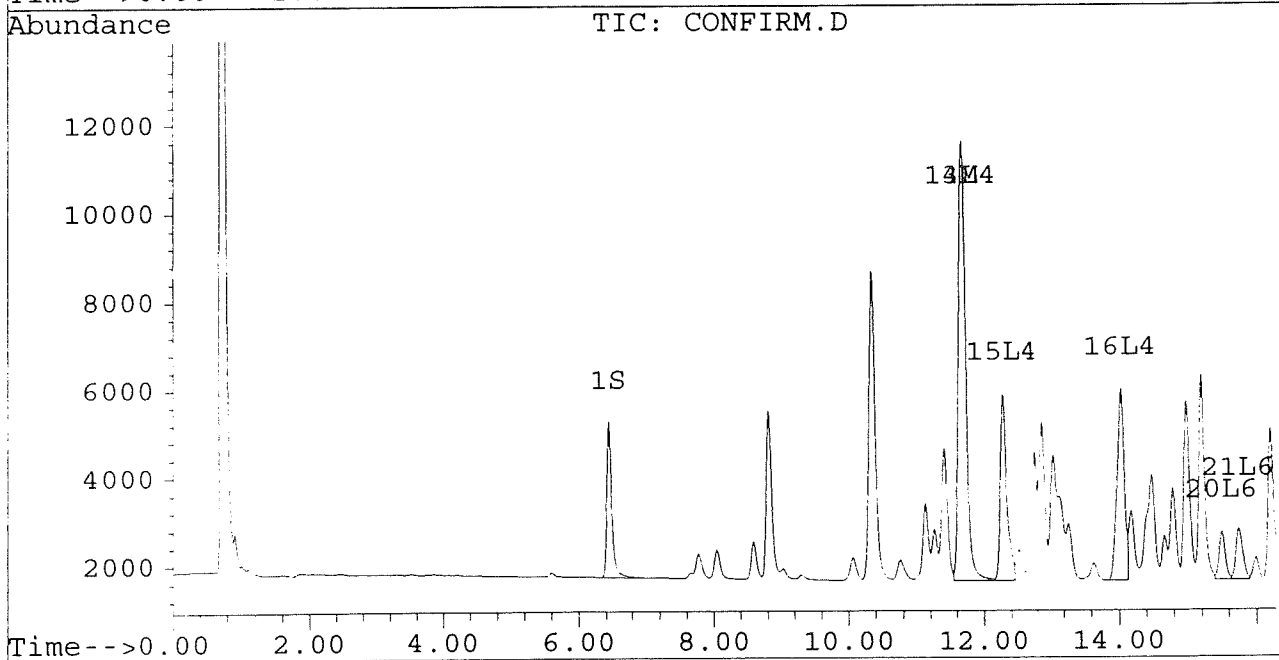
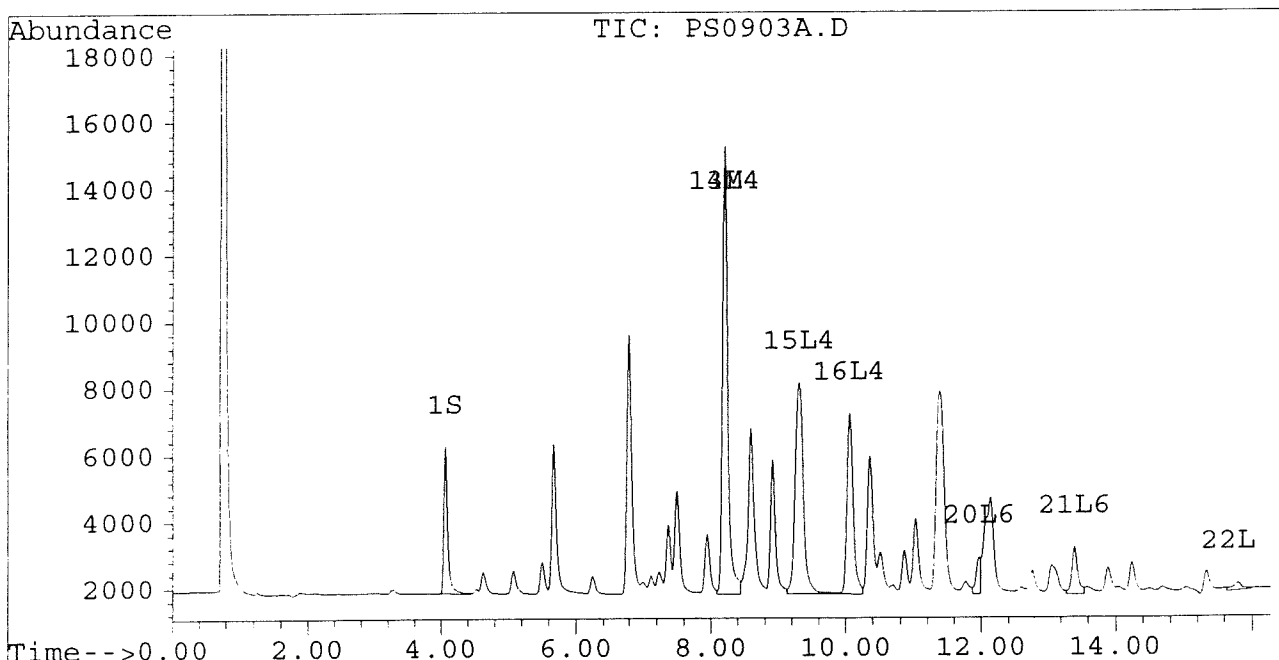
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903A.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903A.D\CONFIRM.D  
Acq On : 03 Sep 96 01:35 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 3 15:36 1996

Vial: 1  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



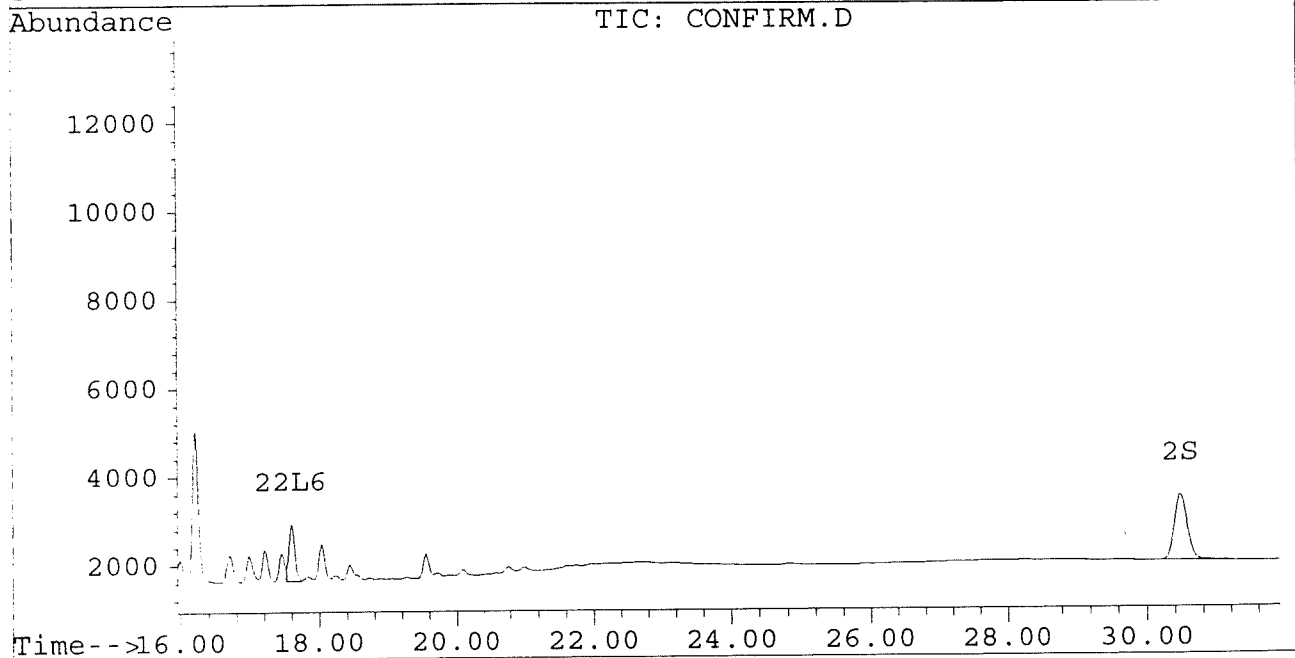
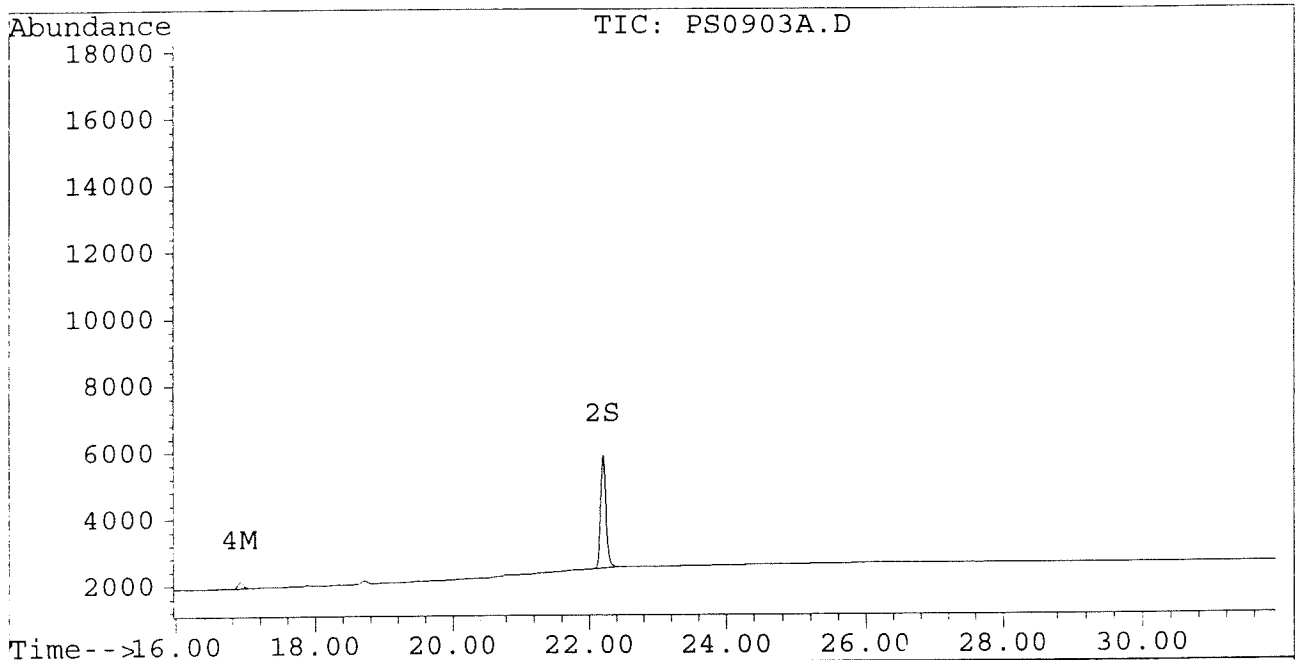
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903A.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903A.D\CONFIRM.D  
Acq On : 03 Sep 96 01:35 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 3 15:36 1996

Vial: 1  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903B.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903B.D\CONFIRM.D  
 Acq On : 03 Sep 96 02:11 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 3 15:37 1996

Vial: 2  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.46	4652	3659	0.019	0.019
			Recovery	=	47.50%	47.50%
2) S Decachlorobiphenyl	22.20	30.49	3375	1513	0.016	0.017
			Recovery	=	40.00%	42.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.68	321	246	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	16.91	21.60	2889	2081	0.015	0.013
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.17	0.00	41	0	0.006	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			41	0	0.006	N.D.
Average Aroclor-1221					0.006	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.68	321	246	0.008	0.008
15) L4 Aroclor-1242 {2}	9.27f	12.28	5776	79	0.297	0.006 #
16) L4 Aroclor-1242 {3}	10.05	14.04	2799	2601	0.166	0.196
Total Aroclor-1242			8897	2927	0.470	0.210
Average Aroclor-1242					0.157	0.070
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903B.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903B.D\CONFIRM.D  
 Acq On : 03 Sep 96 02:11 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 3 15:37 1996

Vial: 2  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	9768	8818	0.313	0.326
21) L6 Aroclor-1254 {2}	13.40	15.74	13551	9474	0.314	0.326
22) L6 Aroclor-1254 {3}	15.79	17.60	9767	12958	0.304	0.325
Total Aroclor-1254			33085	31249	0.931	0.977
Average Aroclor-1254					0.310	0.326
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.83	0.00	25	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	23.47f	845	126	NoCal	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

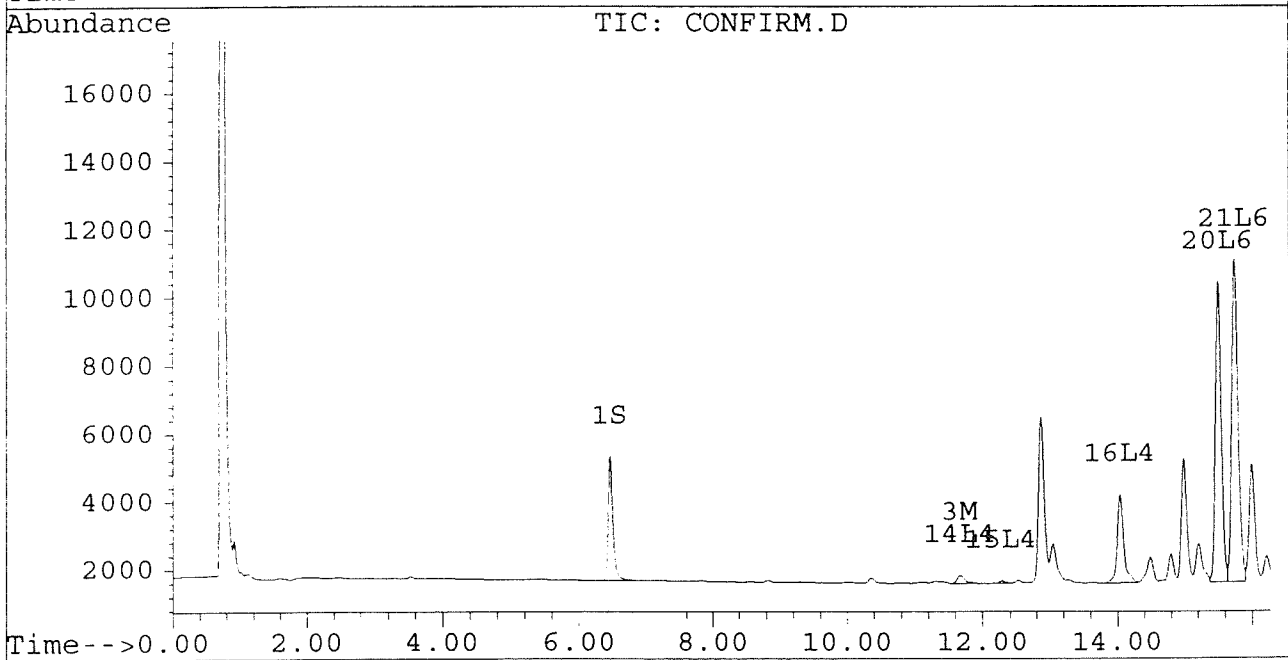
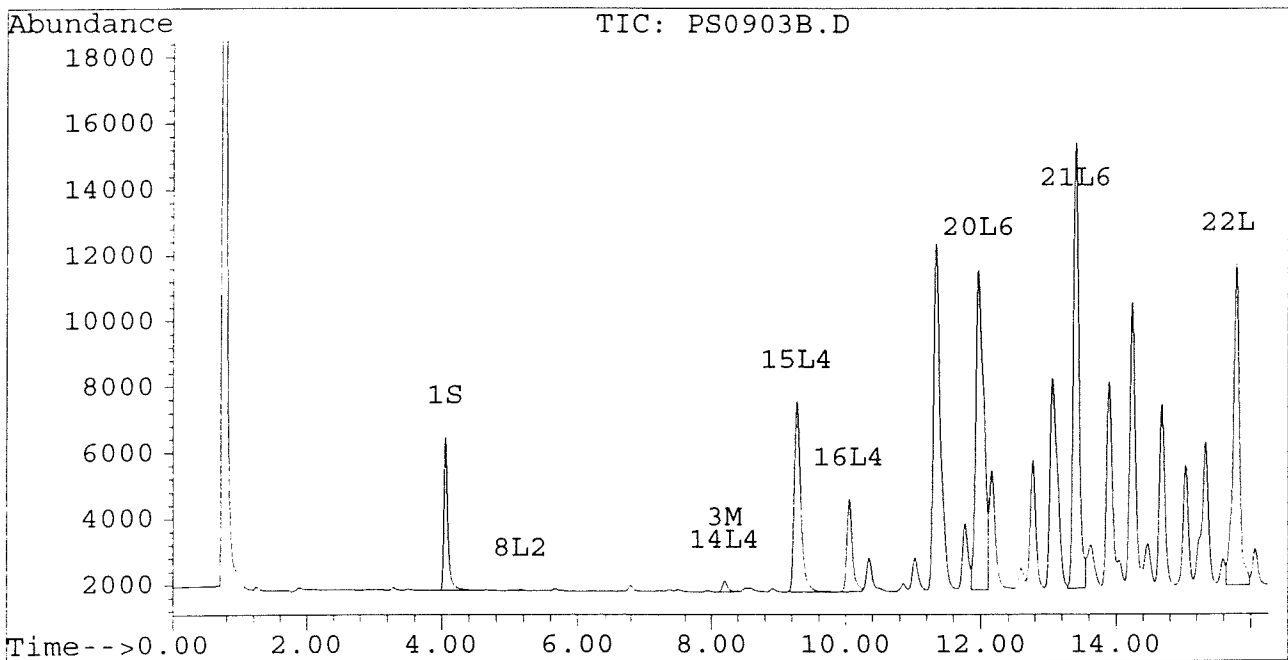
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903B.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903B.D\CONFIRM.D  
Acq On : 03 Sep 96 02:11 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 03 15:37 1996

Vial: 2  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



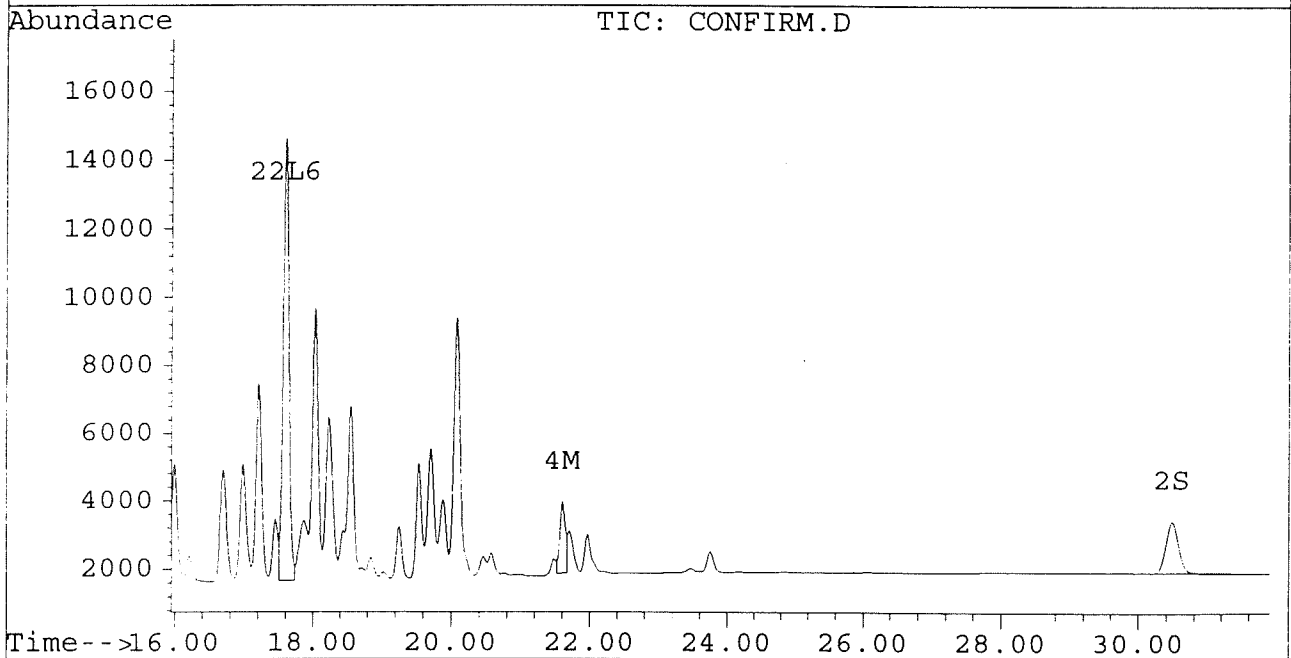
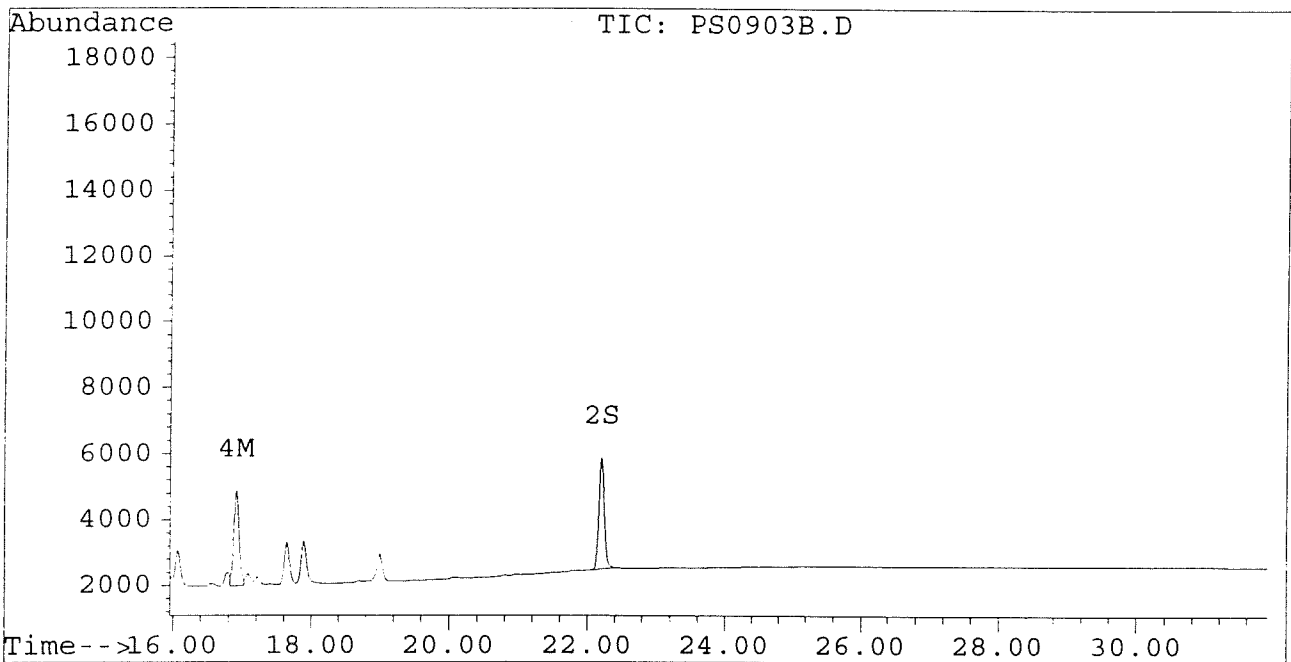
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903B.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903B.D\CONFIRM.D  
Acq On : 03 Sep 96 02:11 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 3 15:37 1996

Vial: 2  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903C.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903C.D\CONFIRM.D  
 Acq On : 03 Sep 96 02:53 PM  
 Sample : PCB COGENERS 0.25 UG/ML  
 Misc :  
 Quant Time: Sep 3 15:35 1996

Vial: 3  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.06	6.45	5232	4025	0.022	0.021
			Recovery	=	55.00%	52.50%
2) S Decachlorobiphenyl	22.21	30.48	3635	1559	0.017	0.018m
			Recovery	=	42.50%	45.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.21	11.69	26196	23800	0.239	0.248
4) M 2,2',3,3',4,4'-Hexa	16.91	21.60	43321	38420	0.232	0.245
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.17f	0.00	46	0	0.007	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			46	0	0.007	N.D.
Average Aroclor-1221					0.007	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.21	11.69	26196	23800	0.633	0.799 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			26196	23800	0.633	0.799
Average Aroclor-1242					0.633	0.799
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	11.40f	0.00	16	0	0.000	N.D. #
Total Aroclor-1248			16	0	0.000	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903C.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903C.D\CONFIRM.D  
 Acq On : 03 Sep 96 02:53 PM  
 Sample : PCB COGENERERS 0.25 UG/ML  
 Misc :  
 Quant Time: Sep 3 15:35 1996

Vial: 3  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	15.80	0.00	23	0	0.001	N.D. #
Total Aroclor-1254			23	0	0.001	N.D.
Average Aroclor-1254					0.001	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.01	0.00	23	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



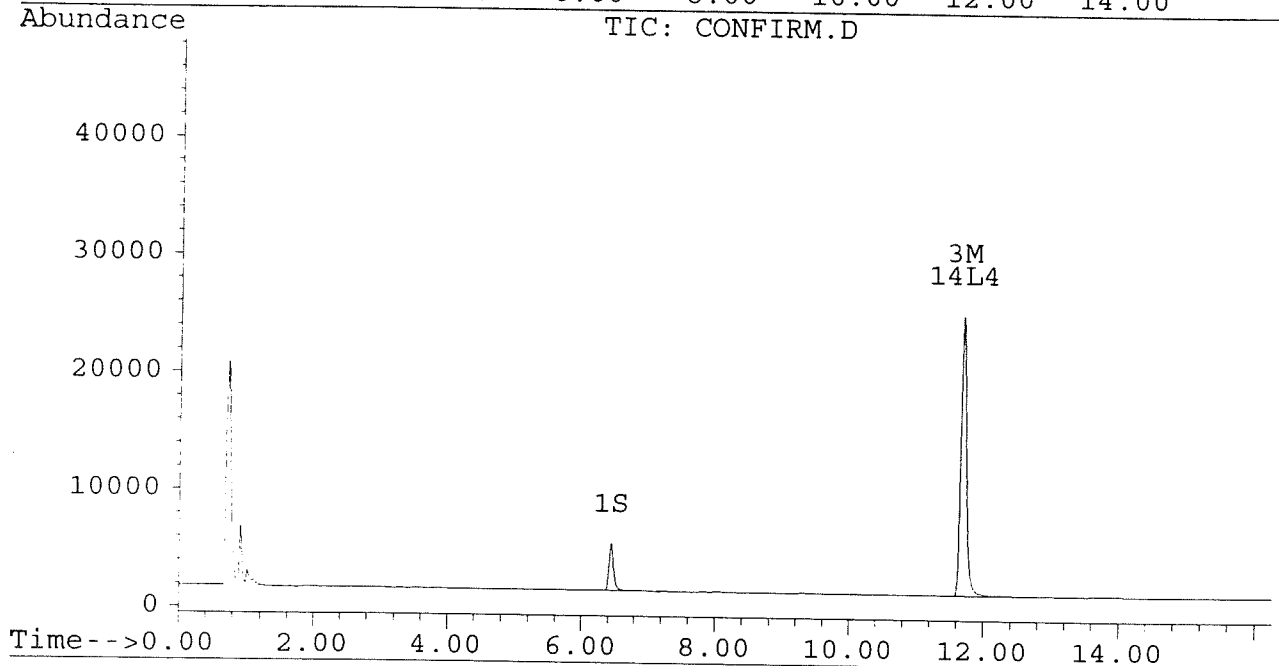
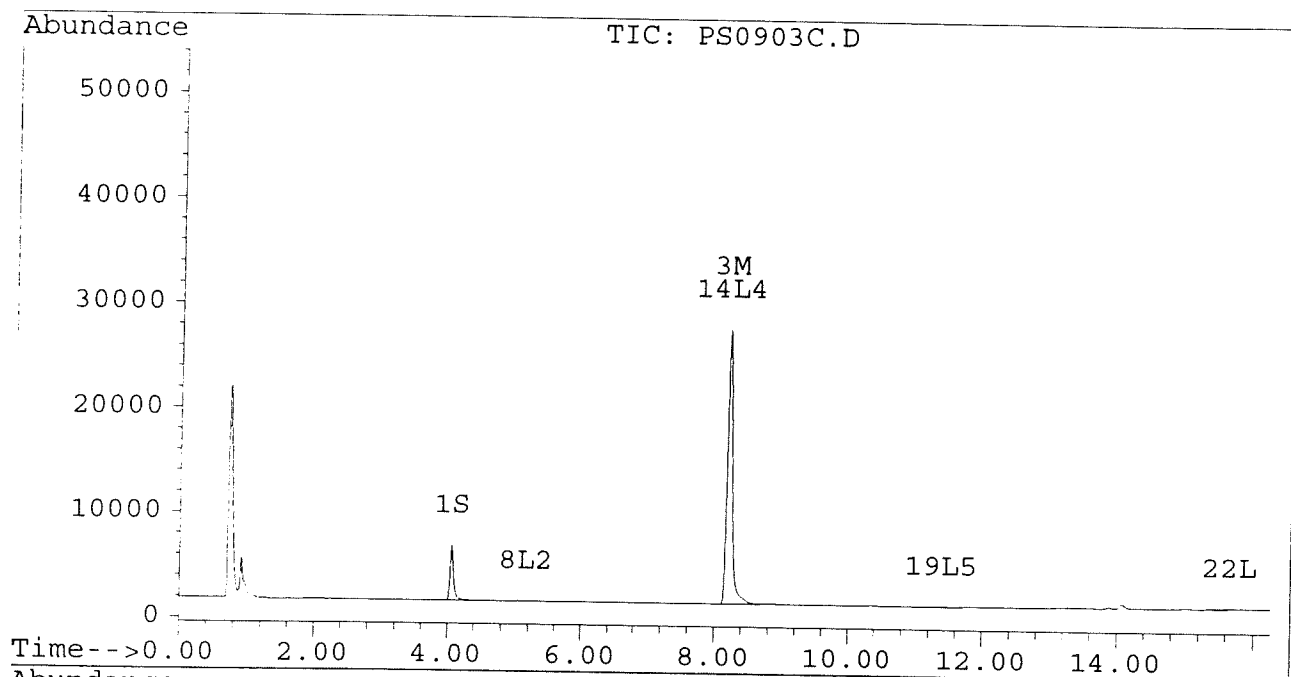
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903C.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903C.D\CONFIRM.D  
Acq On : 03 Sep 96 02:53 PM  
Sample : PCB COGENERATORS 0.25 UG/ML  
Misc :  
Quant Time: Sep 3 15:35 1996

Vial: 3  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



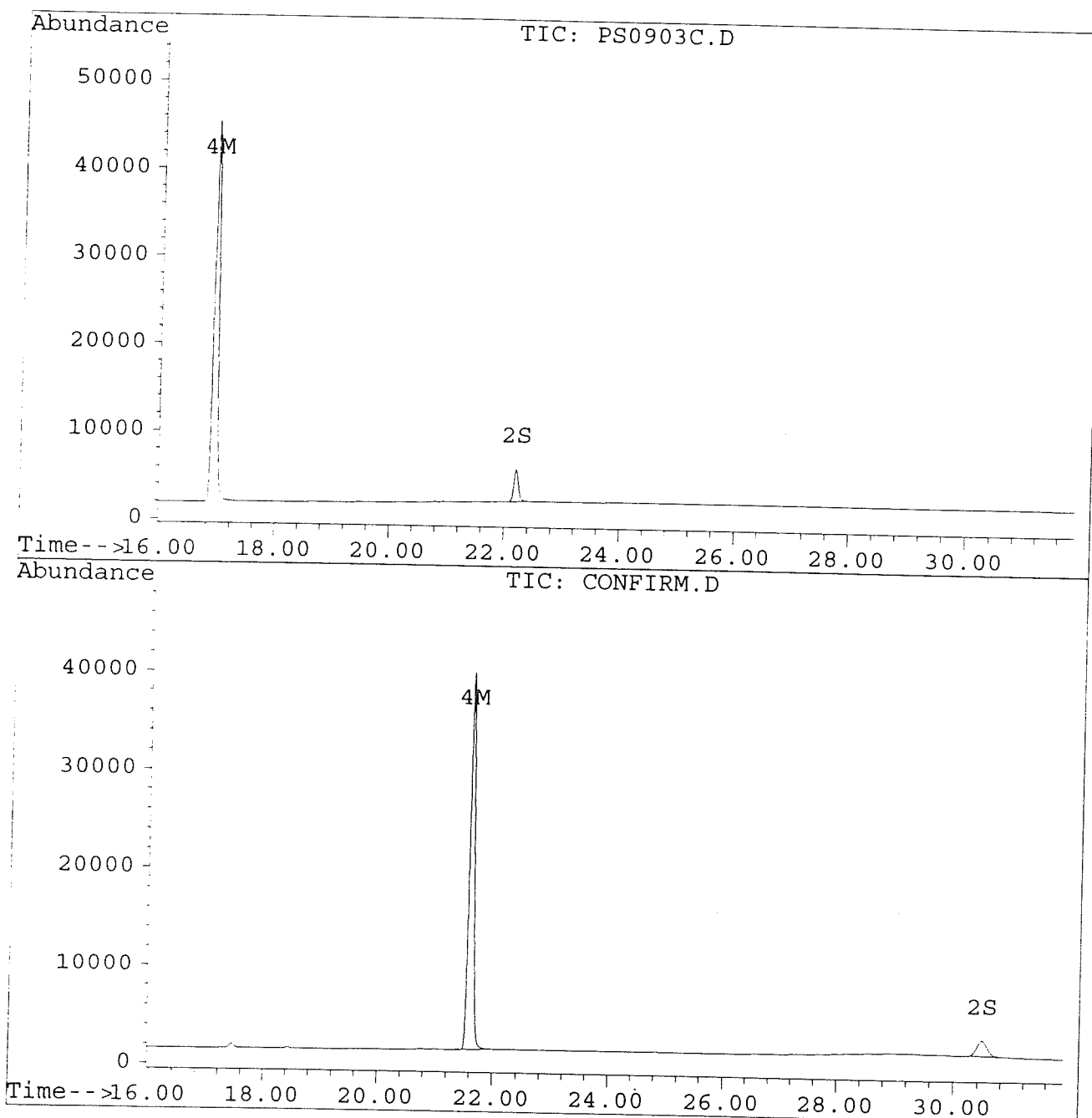
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903C.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903C.D\CONFIRM.D  
Acq On : 03 Sep 96 02:53 PM  
Sample : PCB COGENERATORS 0.25 UG/ML  
Misc :  
Quant Time: Sep 3 15:35 1996

Vial: 3  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903D.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903D.D\CONFIRM.D  
 Acq On : 03 Sep 96 09:43 PM  
 Sample : PCB COGENERES 0.25 UG/ML  
 Misc :  
 Quant Time: Sep 3 22:16 1996

Vial: 3  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.46	5253	4025	0.022	0.021
			Recovery	=	55.00%	52.50%
2) S Decachlorobiphenyl	22.20	30.48	3013	1677	0.014	0.019 #
			Recovery	=	35.00%	47.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.70	25433	23454	0.232	0.245
4) M 2,2',3,3',4,4'-Hexa	16.90	21.60	42075	37057	0.225	0.236
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.16	0.00	46	0	0.007	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			46	0	0.007	N.D.
Average Aroclor-1221					0.007	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.70	25433	23454	0.614	0.787 #
15) L4 Aroclor-1242 {2}	9.28	0.00	18	0	0.001	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			25451	23454	0.615	0.787
Average Aroclor-1242					0.308	0.787
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903D.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903D.D\CONFIRM.D  
 Acq On : 03 Sep 96 09:43 PM  
 Sample : PCB COGENERATORS 0.25 UG/ML  
 Misc :  
 Quant Time: Sep 3 22:16 1996

Vial: 3  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

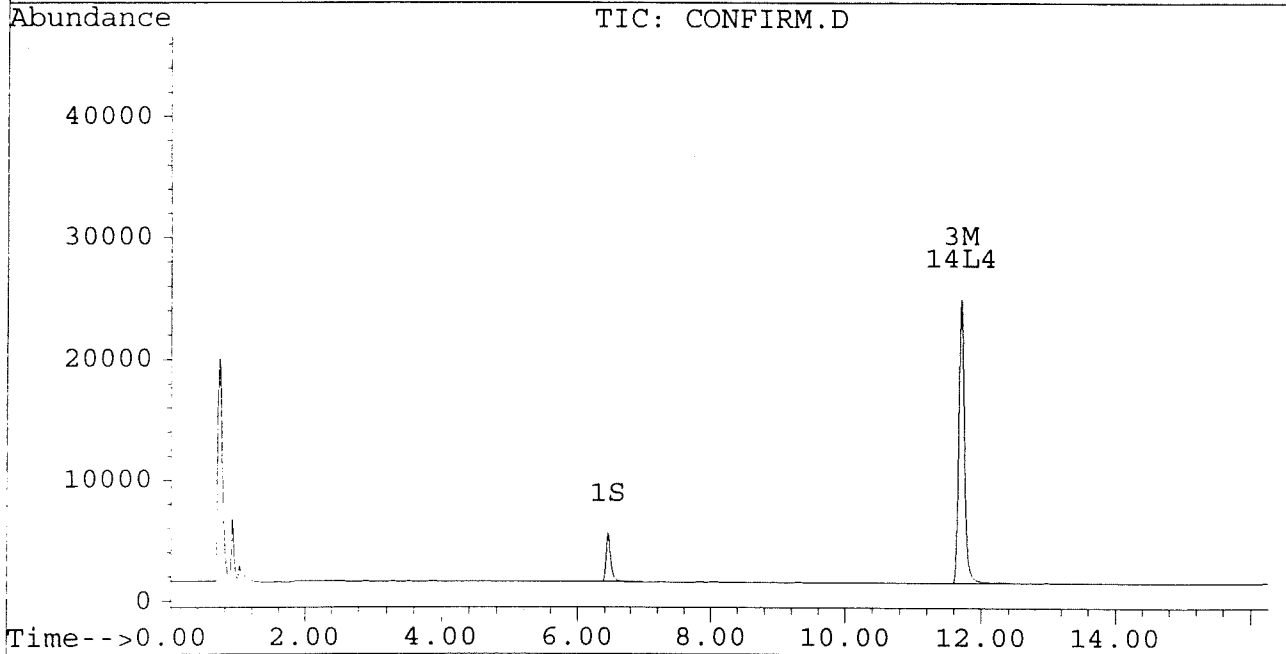
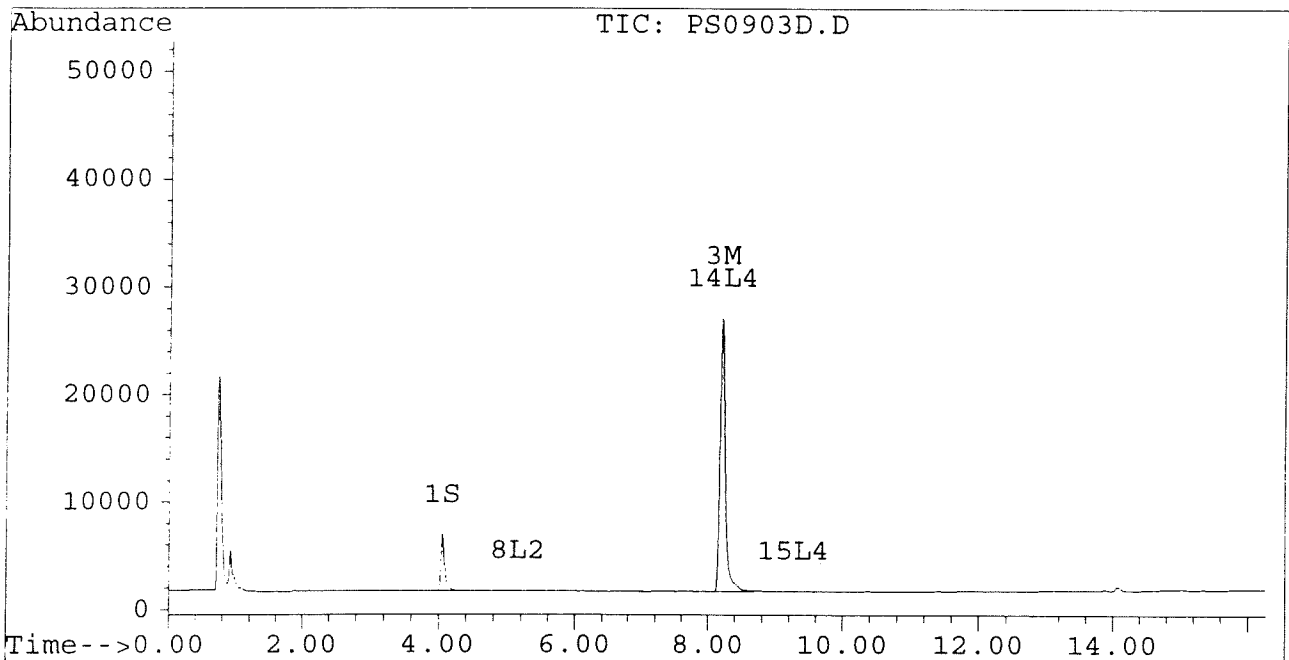
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903D.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903D.D\CONFIRM.D  
Acq On : 03 Sep 96 09:43 PM  
Sample : PCB COGENERS 0.25 UG/ML  
Misc :  
Quant Time: Sep 3 22:16 1996

Vial: 3  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



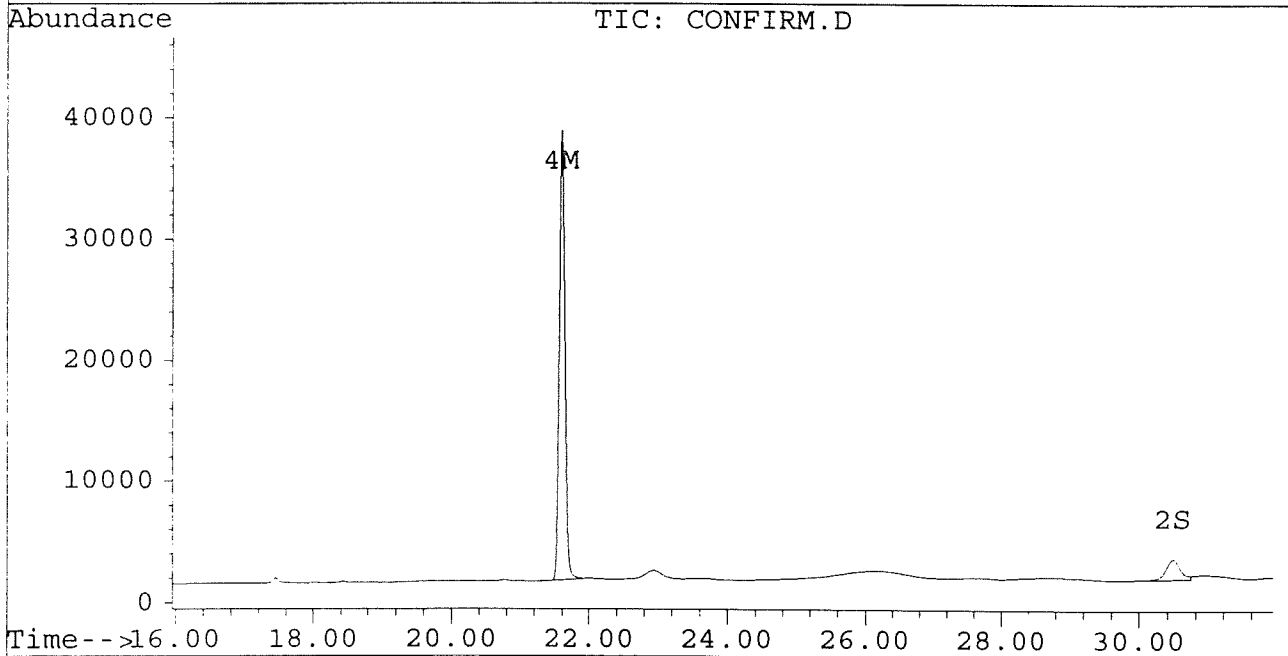
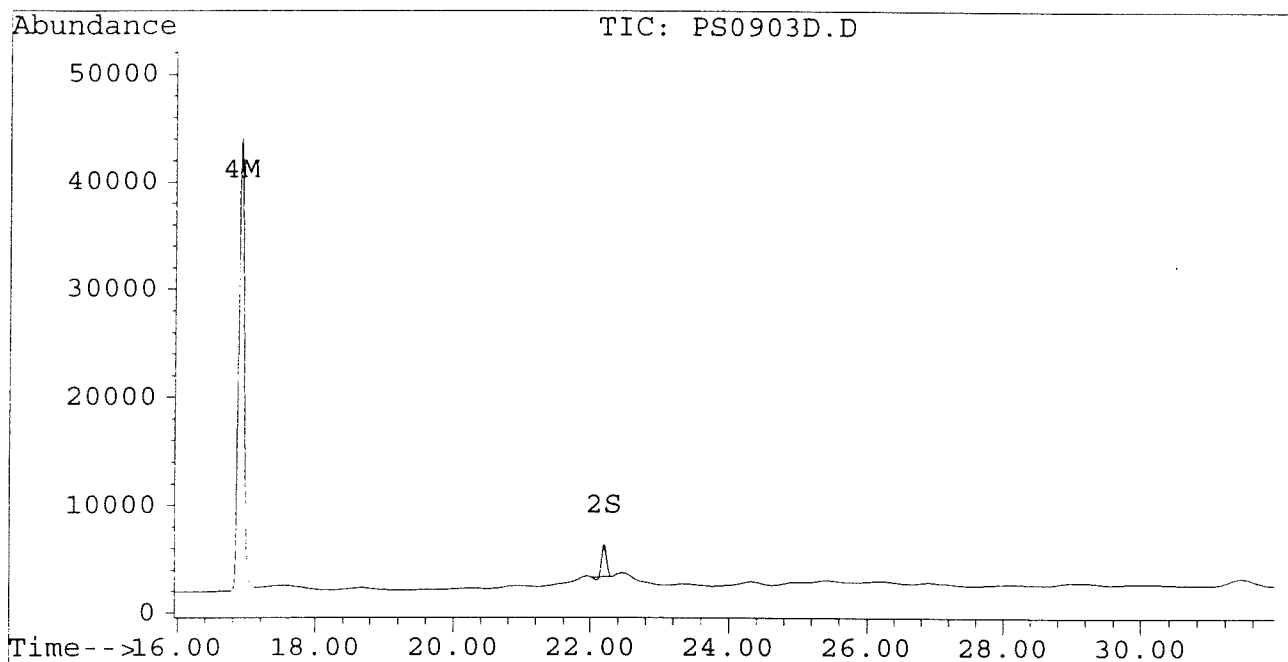
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903D.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903D.D\CONFIRM.D  
Acq On : 03 Sep 96 09:43 PM  
Sample : PCB COGENERATORS 0.25 UG/ML  
Misc :  
Quant Time: Sep 3 22:16 1996

Vial: 3  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903E.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903E.D\CONFIRM.D  
 Acq On : 03 Sep 96 10:18 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 3 22:52 1996

Vial: 1  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.46	4568	3537	0.019	0.019
			Recovery	=	47.50%	47.50%
2) S Decachlorobiphenyl	22.20	30.48	3206	1437	0.015	0.016
			Recovery	=	37.50%	40.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.68	12836	9545	0.117	0.100
4) M 2,2',3,3',4,4'-Hexa	16.92	0.00	259	0	0.001	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.68	12836	9545	0.310	0.320
15) L4 Aroclor-1242 {2}	9.31	12.28	6215	4080	0.319	0.309
16) L4 Aroclor-1242 {3}	10.05	14.04	5293	4176	0.313	0.314
Total Aroclor-1242			24344	17802	0.943	0.943
Average Aroclor-1242					0.314	0.314
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
-----						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903E.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903E.D\CONFIRM.D  
 Acq On : 03 Sep 96 10:18 PM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 3 22:52 1996

Vial: 1  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.50	0	1079	N.D.	0.040 #
21) L6 Aroclor-1254 {2}	13.40	15.75	1383	1119	0.032	0.038
22) L6 Aroclor-1254 {3}	15.79	17.60	268	1213	0.008	0.030 #
Total Aroclor-1254			1651	3411	0.040	0.109
Average Aroclor-1254					0.020	0.036
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	57	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



Quantitation Report

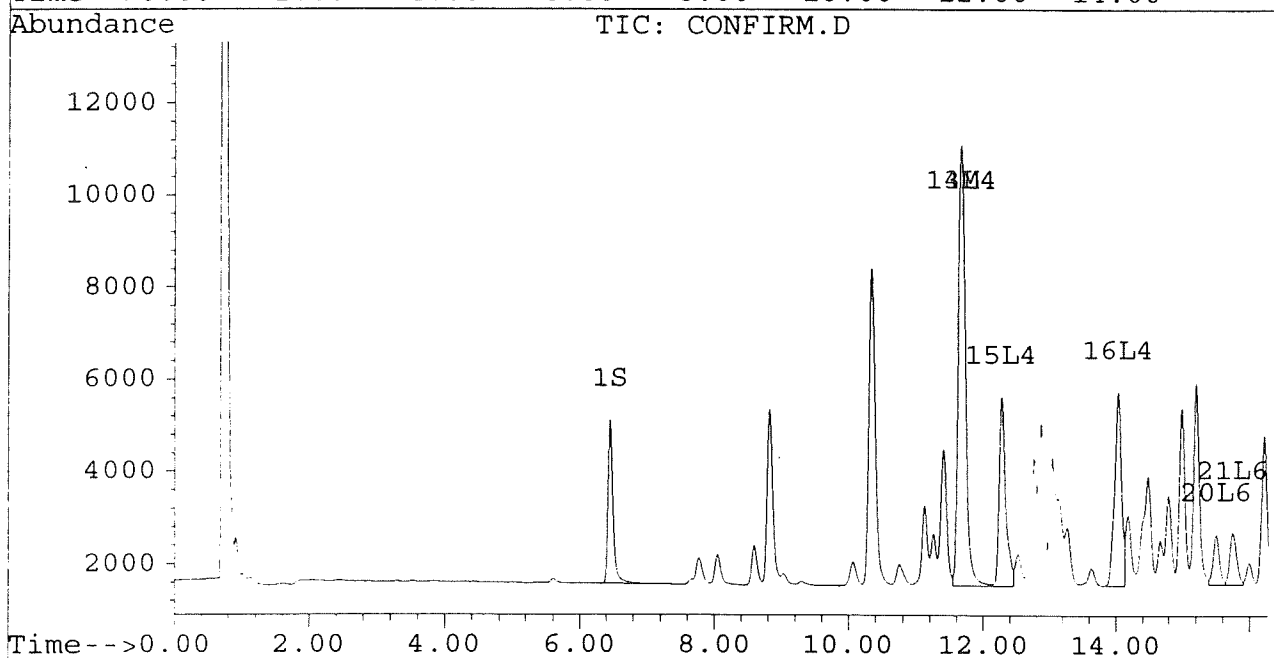
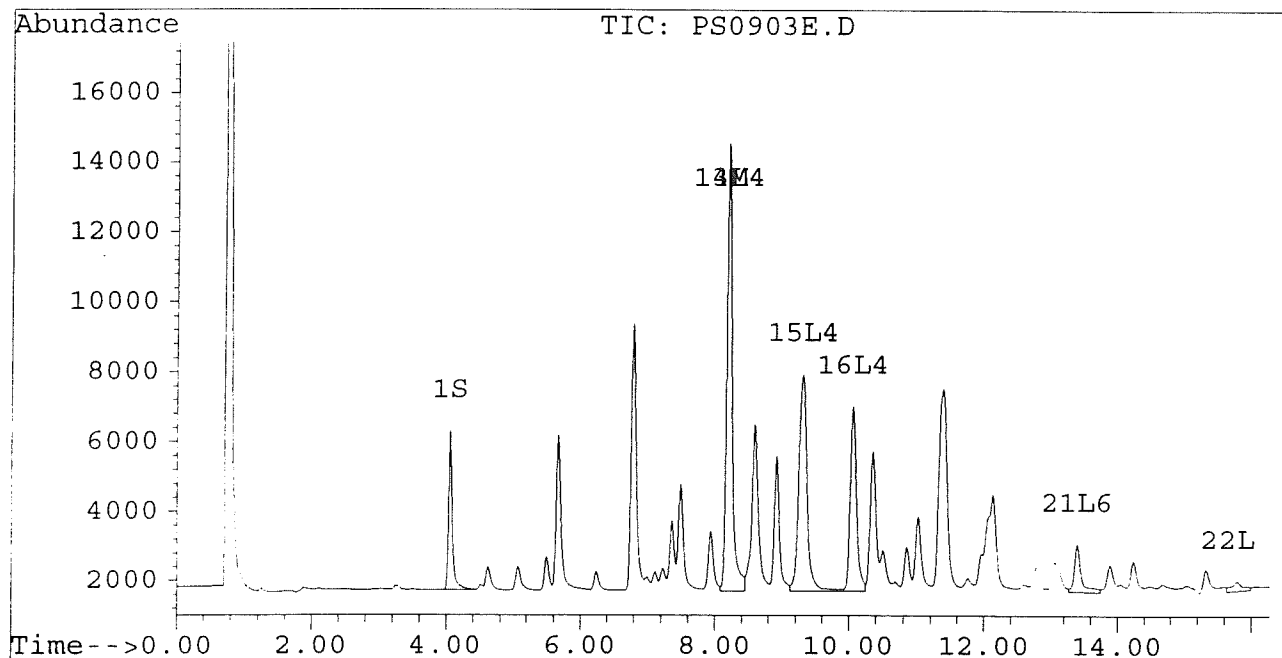
Signal #1 : D:\HPCHEM\5\SE3\PS0903E.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903E.D\CONFIRM.D  
Acq On : 03 Sep 96 10:18 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 3 22:52 1996

Vial: 1  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



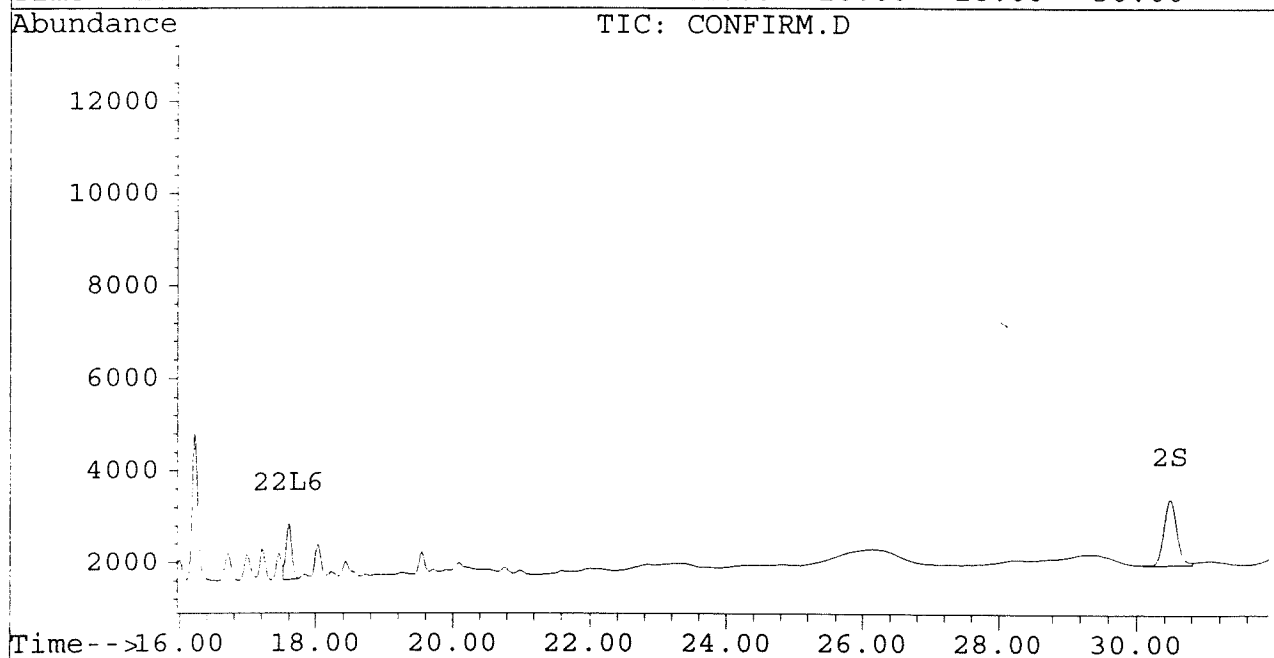
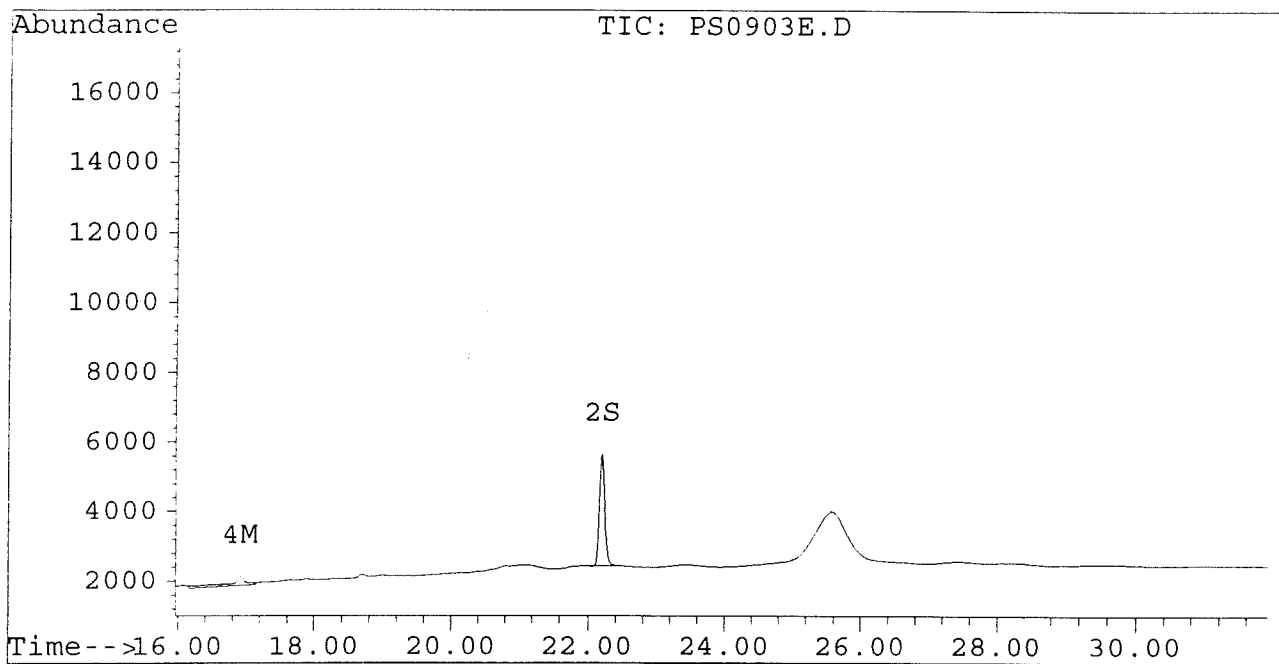
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903E.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903E.D\CONFIRM.D  
Acq On : 03 Sep 96 10:18 PM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 3 22:52 1996

Vial: 1  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903F.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903F.D\CONFIRM.D  
 Acq On : 03 Sep 96 10:54 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 3 23:27 1996

Vial: 2  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.05	6.46	4899	3732	0.021	0.020
			Recovery	=	52.50%	50.00%
2) S Decachlorobiphenyl	22.20	30.48	3615	1682	0.017	0.019
			Recovery	=	42.50%	47.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.68	326	241	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	16.91	21.60	3017	2087	0.016	0.013
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.16	0.00	41	0	0.006	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			41	0	0.006	N.D.
Average Aroclor-1221					0.006	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.68	326	241	0.008	0.008
15) L4 Aroclor-1242 {2}	9.27f	12.28	5846	79	0.300	0.006 #
16) L4 Aroclor-1242 {3}	10.05	14.04	2845	2537	0.168	0.191
Total Aroclor-1242			9017	2857	0.477	0.205
Average Aroclor-1242					0.159	0.068
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903F.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903F.D\CONFIRM.D  
 Acq On : 03 Sep 96 10:54 PM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 3 23:27 1996

Vial: 2  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	9919	8797	0.318	0.326
21) L6 Aroclor-1254 {2}	13.40	15.74	13880	9538	0.321	0.328
22) L6 Aroclor-1254 {3}	15.79	17.60	10034	13101	0.312	0.329
Total Aroclor-1254			33834	31436	0.951	0.982
Average Aroclor-1254					0.317	0.327
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	876	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

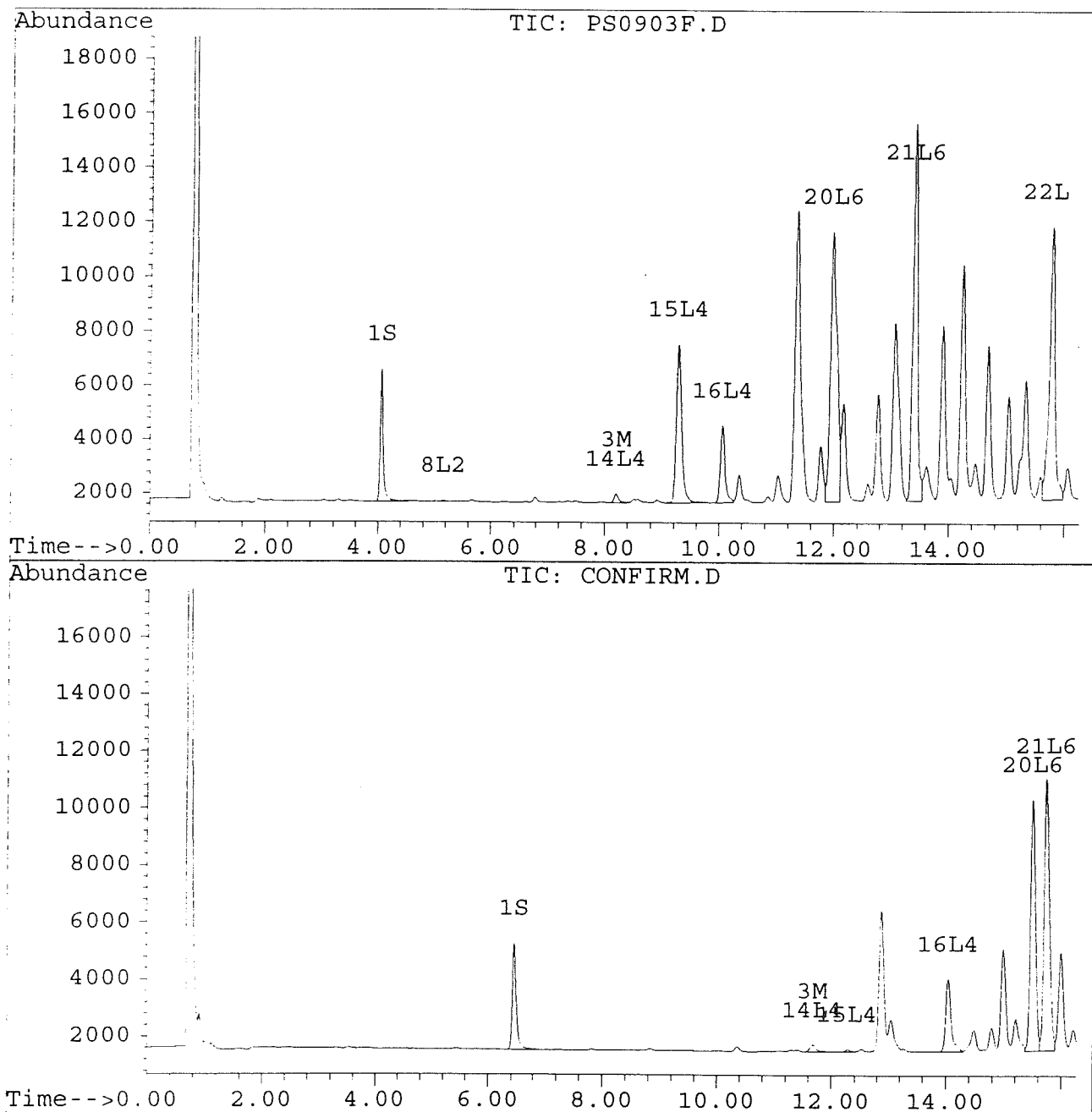
Signal #1 : D:\HPCHEM\5\SE3\PS0903F.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903F.D\CONFIRM.D  
Acq On : 03 Sep 96 10:54 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 3 23:27 1996

Vial: 2  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



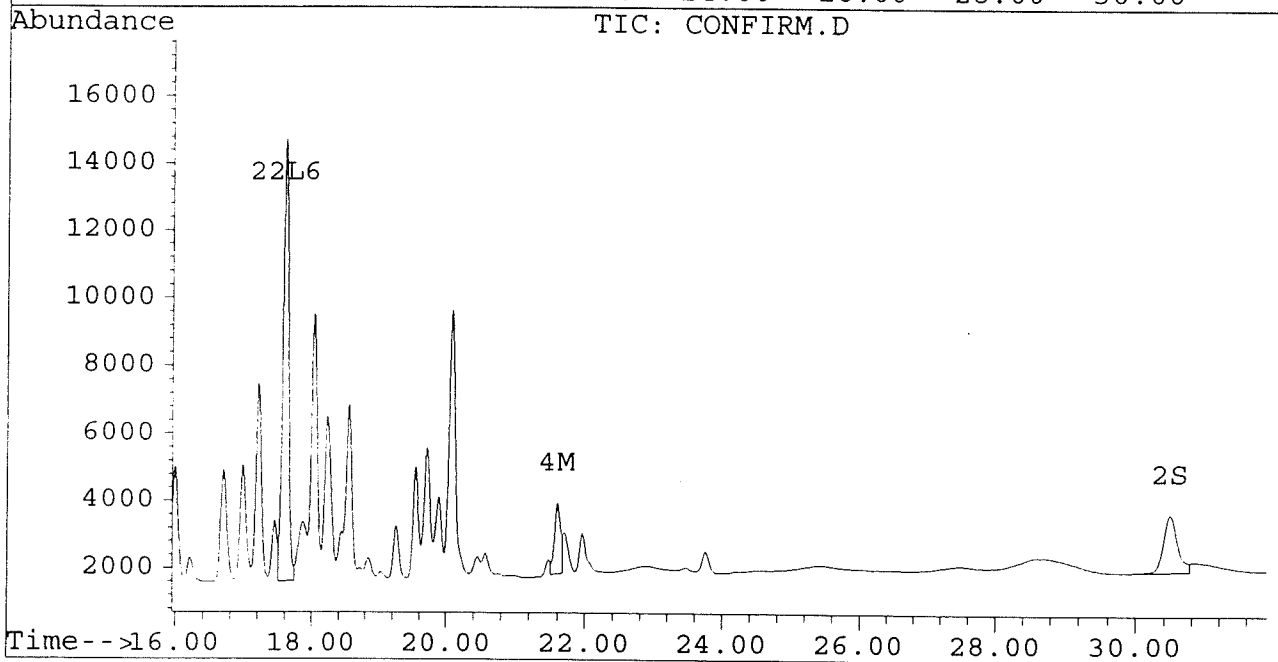
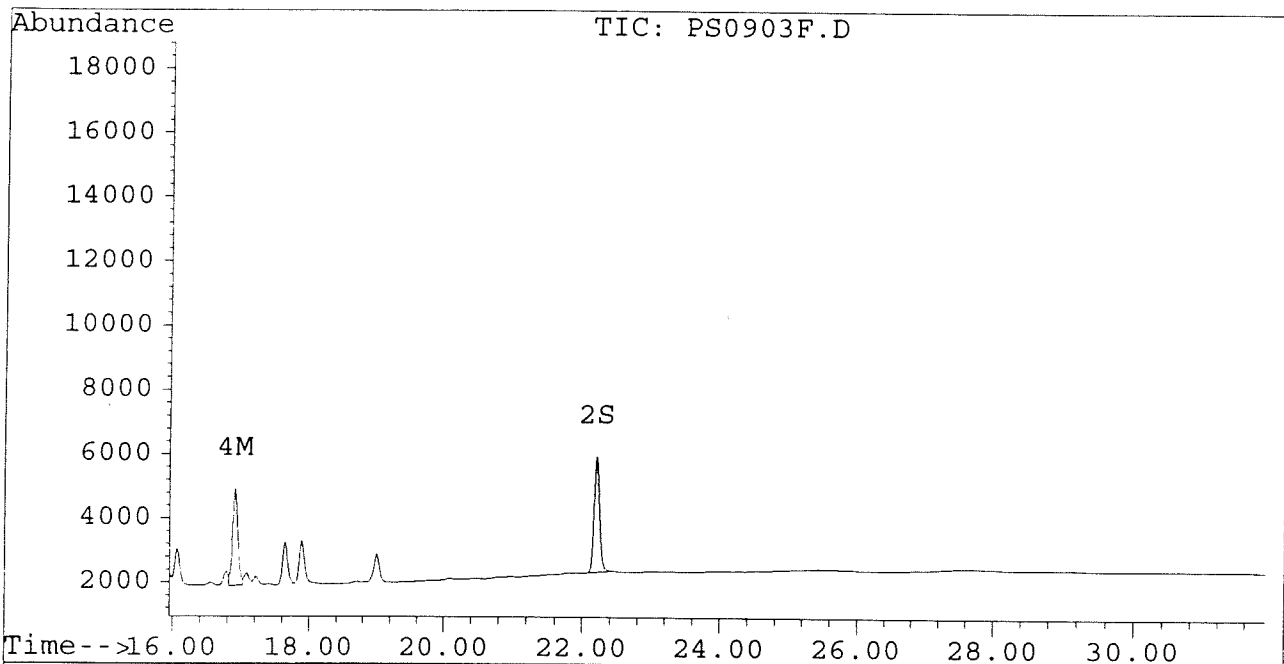
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903F.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903F.D\CONFIRM.D  
Acq On : 03 Sep 96 10:54 PM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 3 23:27 1996

Vial: 2  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903G.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903G.D\CONFIRM.D  
 Acq On : 04 Sep 96 05:25 AM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 4 5:59 1996

Vial: 24  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.05	6.46	5052	3930	0.021	0.021
			Recovery	=	52.50%	52.50%
2) S Decachlorobiphenyl	22.20	30.48	3037	1513	0.014	0.017
			Recovery	=	35.00%	42.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	16.92	0.00	119	0	0.001	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.17f	0.00	42	0	0.006	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			42	0	0.006	N.D.
Average Aroclor-1221					0.006	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	9.29	0.00	28	0	0.001	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			28	0	0.001	N.D.
Average Aroclor-1242					0.001	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903G.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903G.D\CONFIRM.D  
 Acq On : 04 Sep 96 05:25 AM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 4 5:59 1996

Vial: 24  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



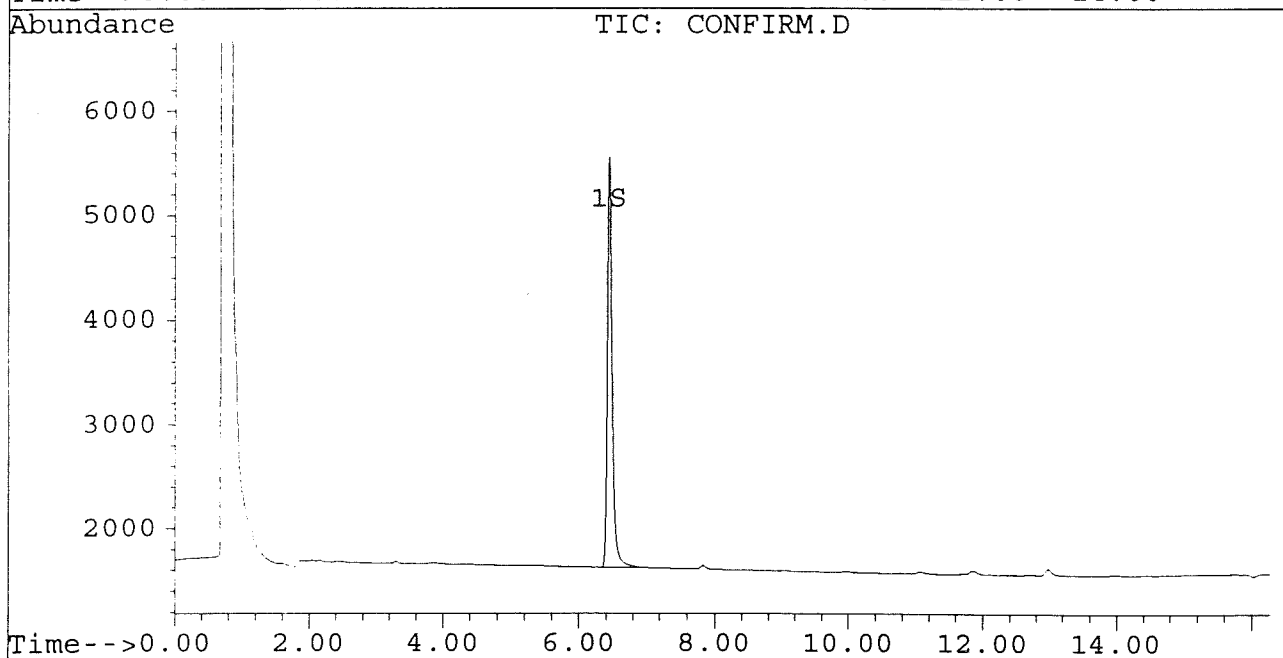
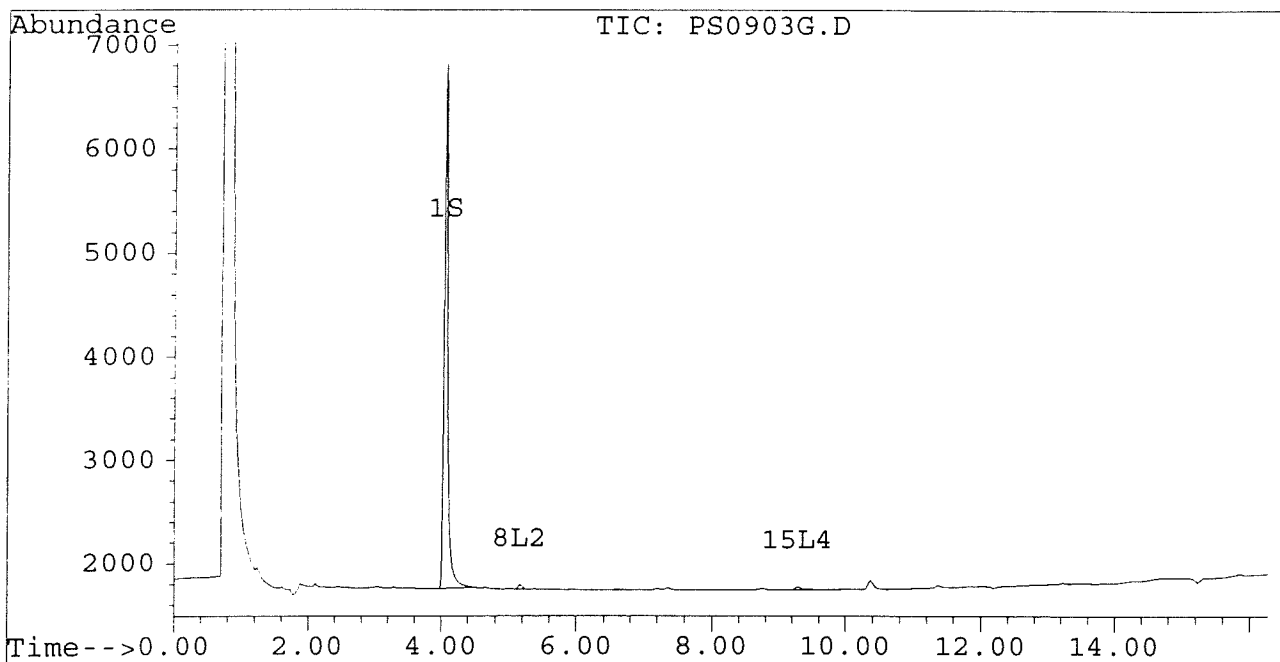
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903G.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903G.D\CONFIRM.D  
Acq On : 04 Sep 96 05:25 AM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 4 5:59 1996

Vial: 24  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



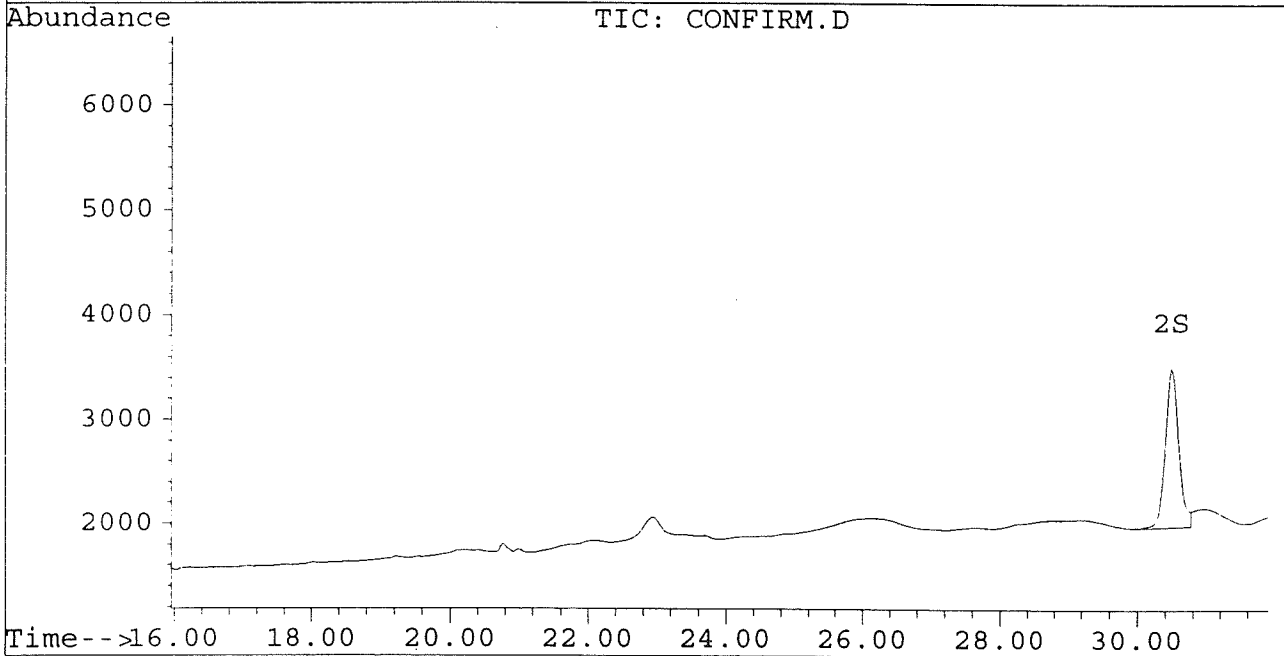
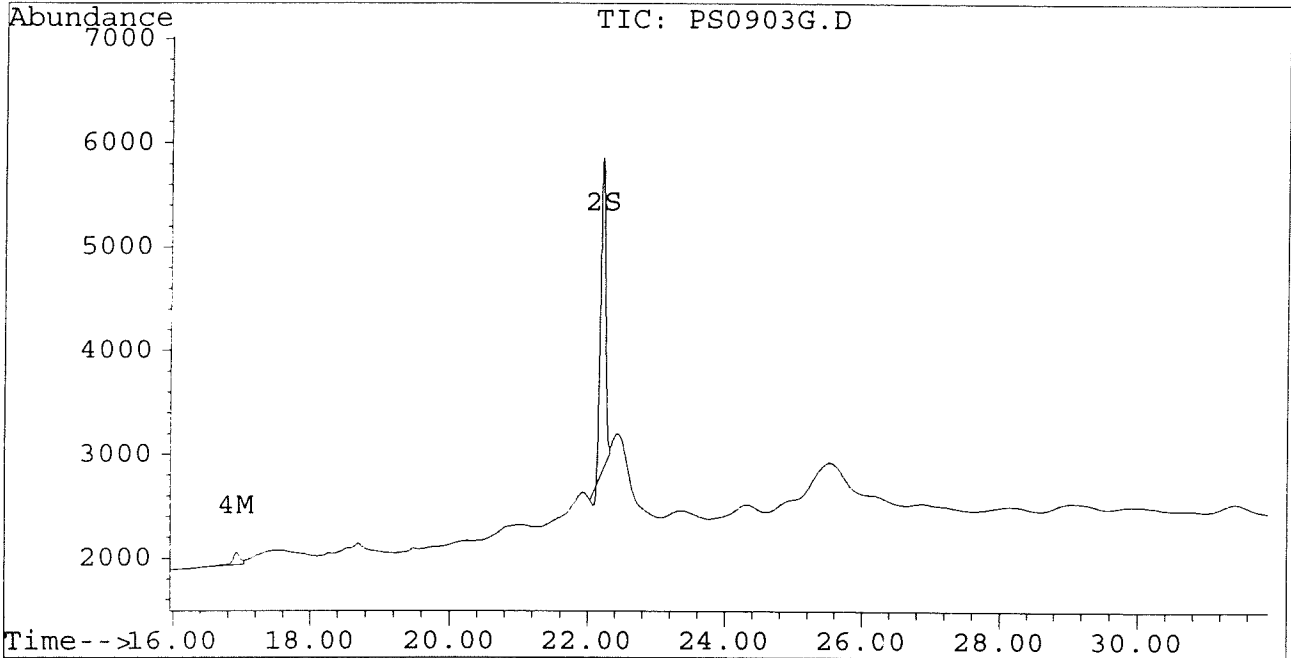
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903G.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903G.D\CONFIRM.D  
Acq On : 04 Sep 96 05:25 AM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 4 5:59 1996

Vial: 24  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903H.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903H.D\CONFIRM.D  
 Acq On : 04 Sep 96 06:00 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 6:34 1996

Vial: 25  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.05	6.46	4674	3621	0.020	0.019
			Recovery	=	50.00%	47.50%
2) S Decachlorobiphenyl	22.20	30.48	3385	1572	0.016	0.018
			Recovery	=	40.00%	45.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.68	13241	9774	0.121	0.102
4) M 2,2',3,3',4,4'-Hexa	16.91	0.00	164	0	0.001	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.68	13241	9774	0.320	0.328
15) L4 Aroclor-1242 {2}	9.30	12.28	6260	4210	0.322	0.319
16) L4 Aroclor-1242 {3}	10.05	14.04	5392	4229	0.319	0.318
Total Aroclor-1242			24893	18214	0.961	0.964
Average Aroclor-1242					0.320	0.321
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903H.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903H.D\CONFIRM.D  
 Acq On : 04 Sep 96 06:00 AM  
 Sample : AR1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 6:34 1996

Vial: 25  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.50	0	1088	N.D.	0.040 #
21) L6 Aroclor-1254 {2}	13.40	15.75	1347	1145	0.031	0.039 #
22) L6 Aroclor-1254 {3}	15.79	17.60	180	1261	0.006	0.032 #
Total Aroclor-1254			1527	3494	0.037	0.111
Average Aroclor-1254					0.018	0.037
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	27	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

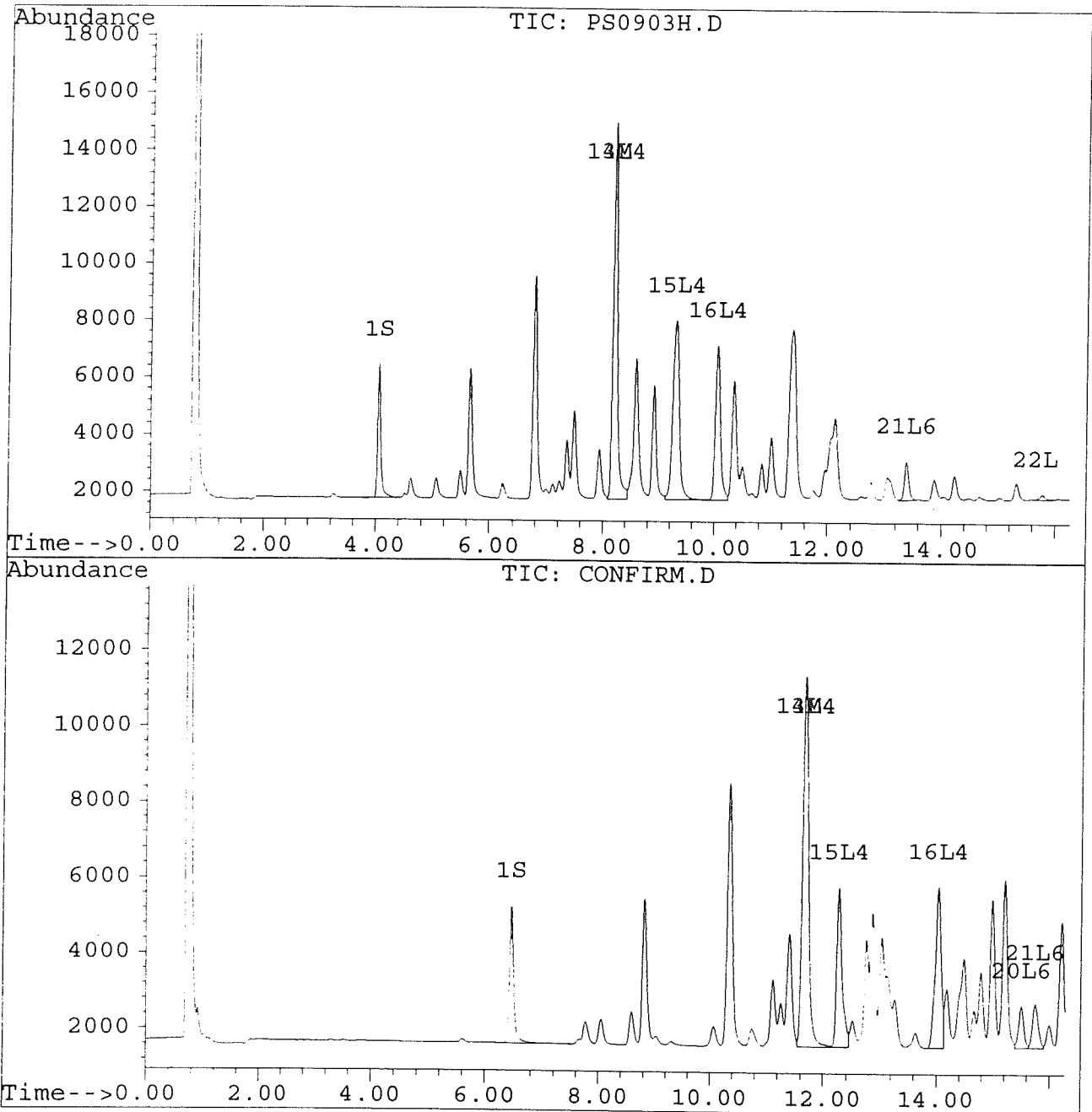
Signal #1 : D:\HPCHEM\5\SE3\PS0903H.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903H.D\CONFIRM.D  
Acq On : 04 Sep 96 06:00 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 4 6:34 1996

Vial: 25  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



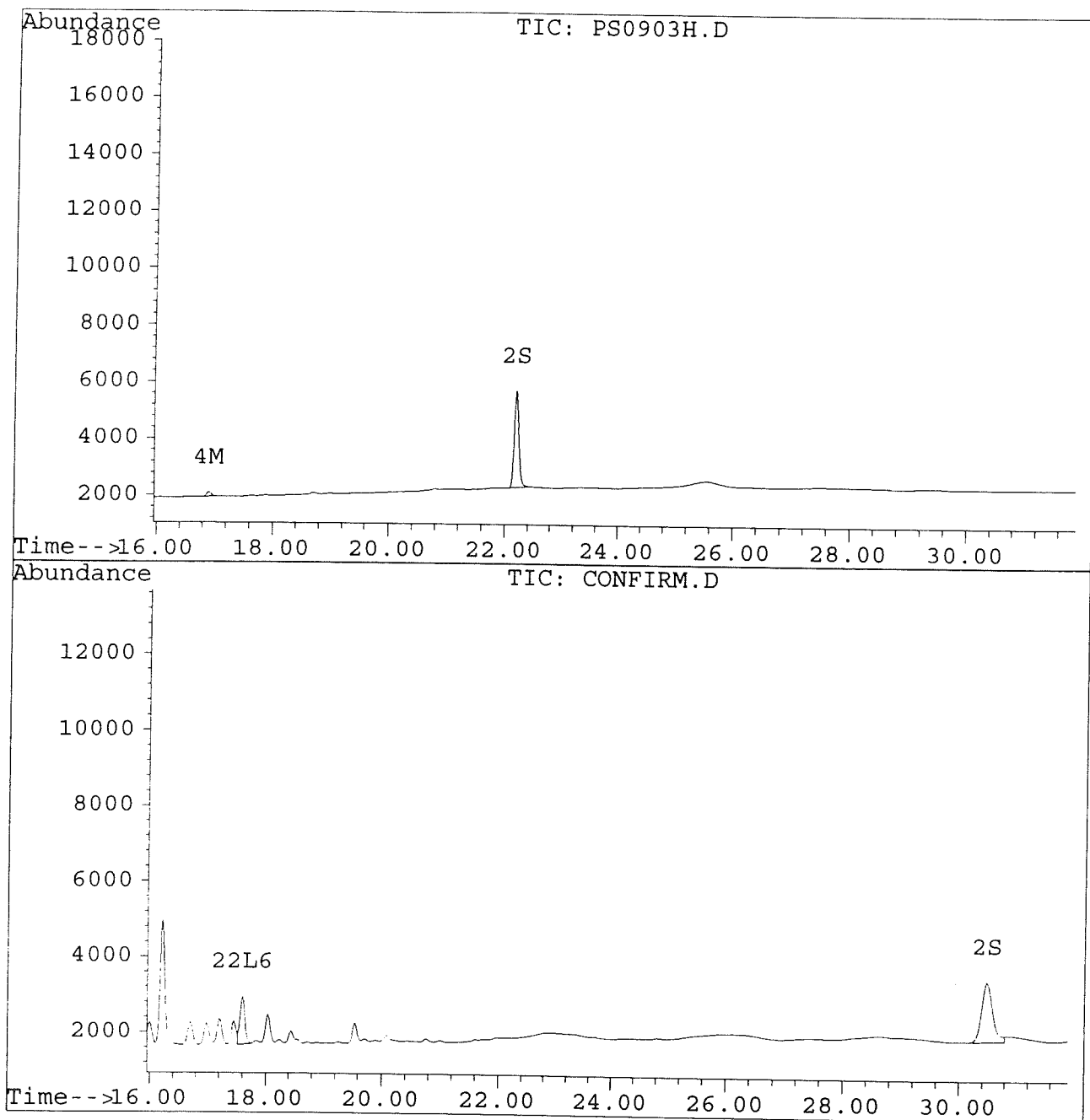
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903H.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903H.D\CONFIRM.D  
Acq On : 04 Sep 96 06:00 AM  
Sample : AR1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 4 6:34 1996

Vial: 25  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903I.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903I.D\CONFIRM.D  
 Acq On : 04 Sep 96 06:36 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 7:10 1996

Vial: 26  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.05	6.46	4567	3555	0.019	0.019
			Recovery	=	47.50%	47.50%
2) S Decachlorobiphenyl	22.20	30.48	3276	1561	0.015	0.018
			Recovery	=	37.50%	45.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.68	309	236	0.003	0.002
4) M 2,2',3,3',4,4'-Hexa	16.91	21.60	2886	2044	0.015	0.013
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.17	0.00	40	0	0.006	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			40	0	0.006	N.D.
Average Aroclor-1221					0.006	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.68	309	236	0.007	0.008
15) L4 Aroclor-1242 {2}	9.27f	12.28	5602	76	0.288	0.006 #
16) L4 Aroclor-1242 {3}	10.05	14.04	2712	2446	0.160	0.184
Total Aroclor-1242			8622	2759	0.456	0.198
Average Aroclor-1242					0.152	0.066
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
-----						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903I.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903I.D\CONFIRM.D  
 Acq On : 04 Sep 96 06:36 AM  
 Sample : AR1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 7:10 1996

Vial: 26  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	9559	8595	0.306	0.318
21) L6 Aroclor-1254 {2}	13.40	15.74	13291	9114	0.308	0.313
22) L6 Aroclor-1254 {3}	15.79	17.60	9572	12499	0.298	0.314
Total Aroclor-1254			32422	30209	0.912	0.945
Average Aroclor-1254					0.304	0.315
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	829	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



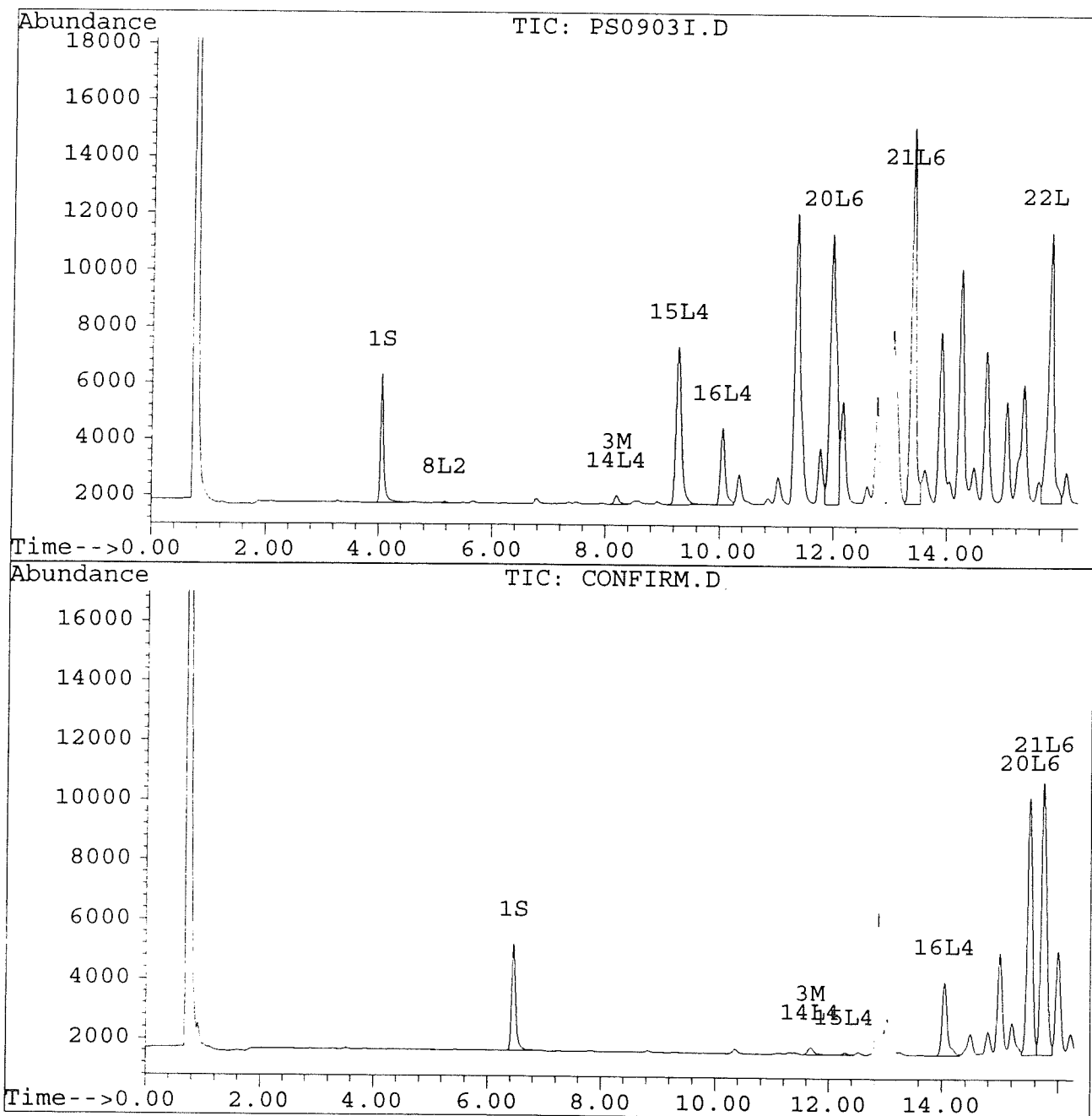
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903I.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903I.D\CONFIRM.D  
Acq On : 04 Sep 96 06:36 AM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 4 7:10 1996

Vial: 26  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



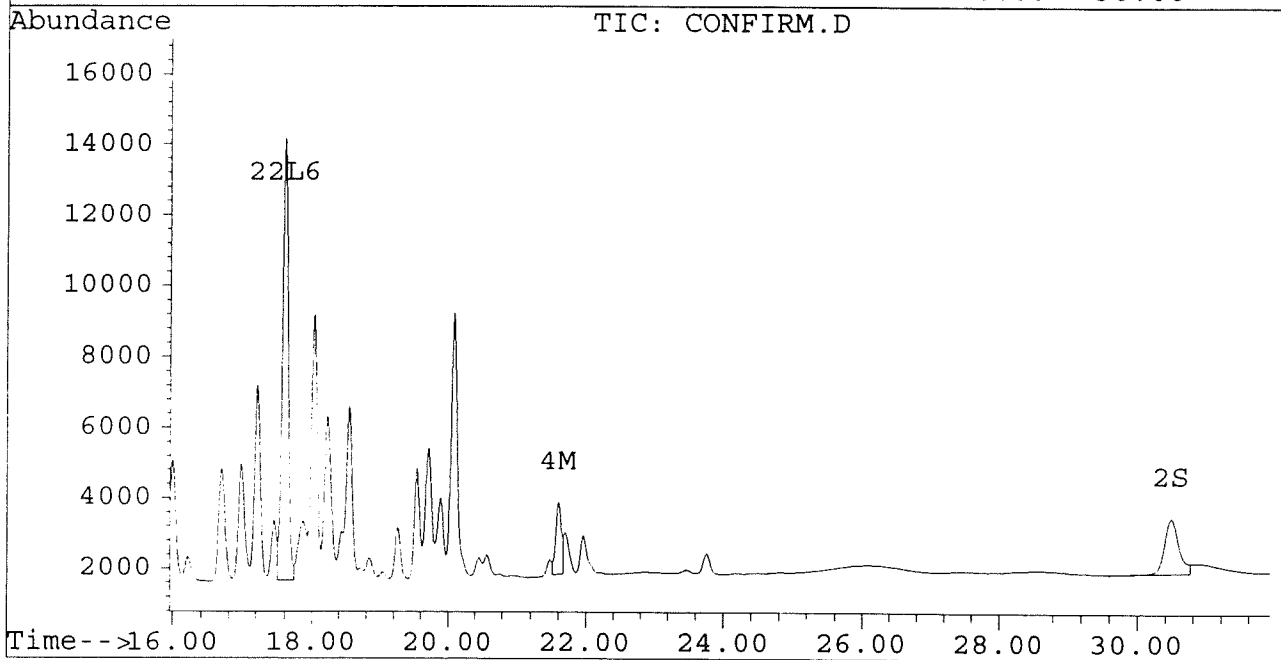
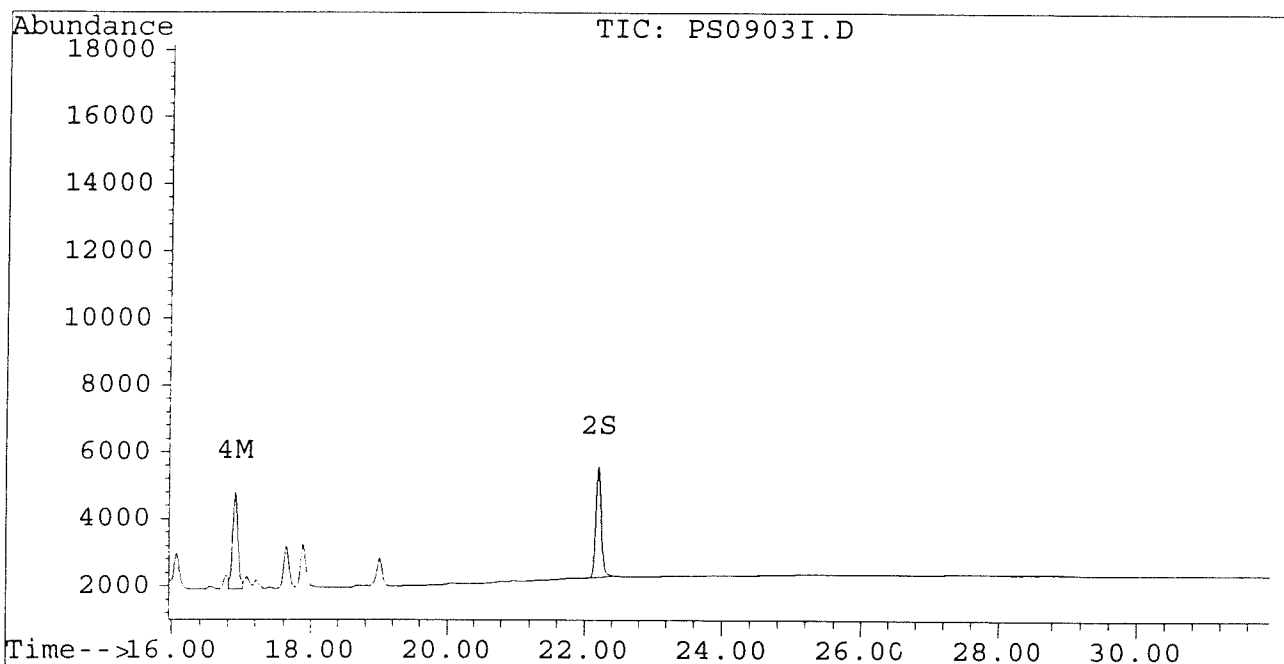
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903I.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903I.D\CONFIRM.D  
Acq On : 04 Sep 96 06:36 AM  
Sample : AR1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 4 7:10 1996

Vial: 26  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903J.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903J.D\CONFIRM.D  
 Acq On : 04 Sep 96 01:07 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 4 13:40 1996

Vial: 24  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.46	5243	4048	0.022	0.021
			Recovery	=	55.00%	52.50%
2) S Decachlorobiphenyl	0.00	30.47	0	1737	N.D.	0.020 #
			Recovery	=	0.00%	50.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	16.92	0.00	170	0	0.001	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.17	0.00	42	0	0.006	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			42	0	0.006	N.D.
Average Aroclor-1221					0.006	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	9.29	0.00	31	0	0.002	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			31	0	0.002	N.D.
Average Aroclor-1242					0.002	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903J.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903J.D\CONFIRM.D  
 Acq On : 04-Sep 96 01:07 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 4 13:40 1996

Vial: 24  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

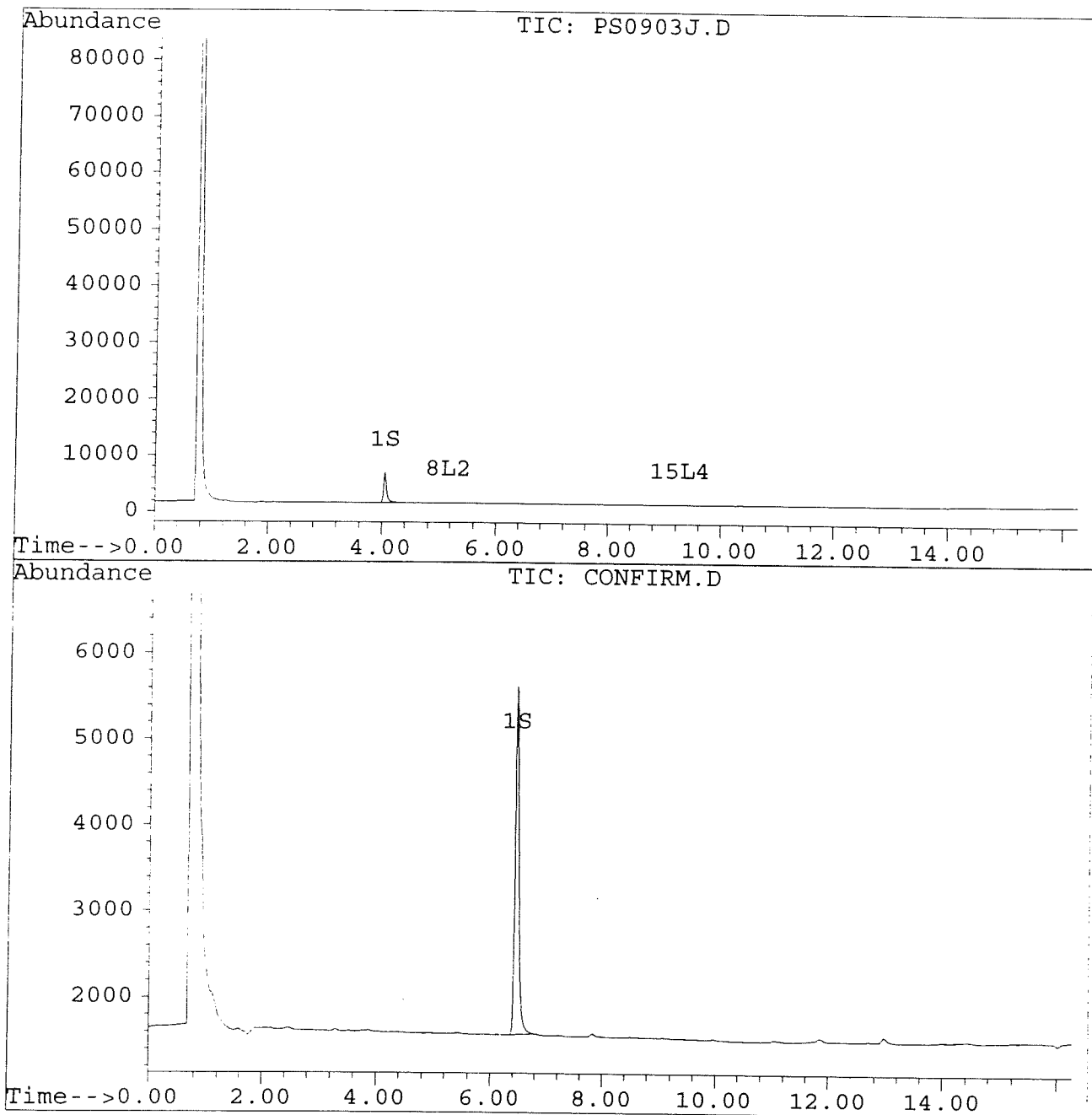
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903J.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903J.D\CONFIRM.D  
Acq On : 04 Sep 96 01:07 PM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 4 13:40 1996

Vial: 24  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



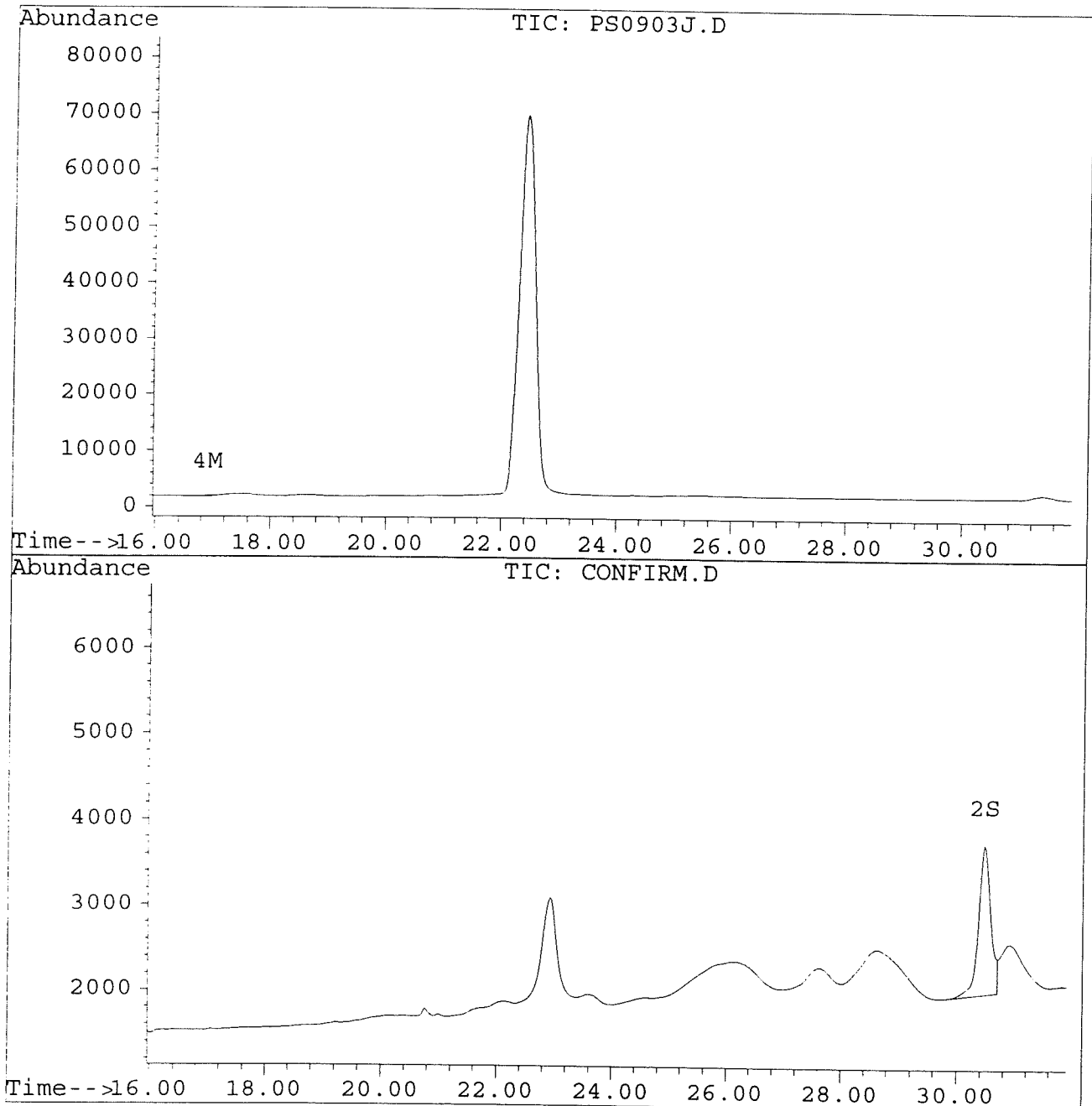
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903J.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903J.D\CONFIRM.D  
Acq On : 04 Sep 96 01:07 PM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 4 13:40 1996

Vial: 24  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903K.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903K.D\CONFIRM.D  
 Acq On : 04 Sep 96 01:42 PM  
 Sample : AR 1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 14:16 1996

Vial: 25  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.45	4857	3742	0.020	0.020
			Recovery	=	50.00%	50.00%
2) S Decachlorobiphenyl	22.20	30.47	3404	1571	0.016	0.018
			Recovery	=	40.00%	45.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.19	11.68	13744	10135	0.125	0.106
4) M 2,2',3,3',4,4'-Hexa	16.91	21.60	170	44	0.001	0.000 #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.19	11.68	13744	10135	0.332	0.340
15) L4 Aroclor-1242 {2}	9.30	12.28	6473	4302	0.333	0.325
16) L4 Aroclor-1242 {3}	10.05	14.04	5608	4438	0.332	0.334
Total Aroclor-1242			25825	18875	0.997	0.999
Average Aroclor-1242					0.332	0.333
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903K.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903K.D\CONFIRM.D  
 Acq On : 04 Sep 96 01:42 PM  
 Sample : AR 1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 14:16 1996

Vial: 25  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.50	0	1122	N.D.	0.042 #
21) L6 Aroclor-1254 {2}	13.40	15.74	1373	1180	0.032	0.041 #
22) L6 Aroclor-1254 {3}	15.79	17.60	183	1288	0.006	0.032 #
Total Aroclor-1254			1556	3590	0.037	0.114
Average Aroclor-1254					0.019	0.038
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	16	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



Quantitation Report

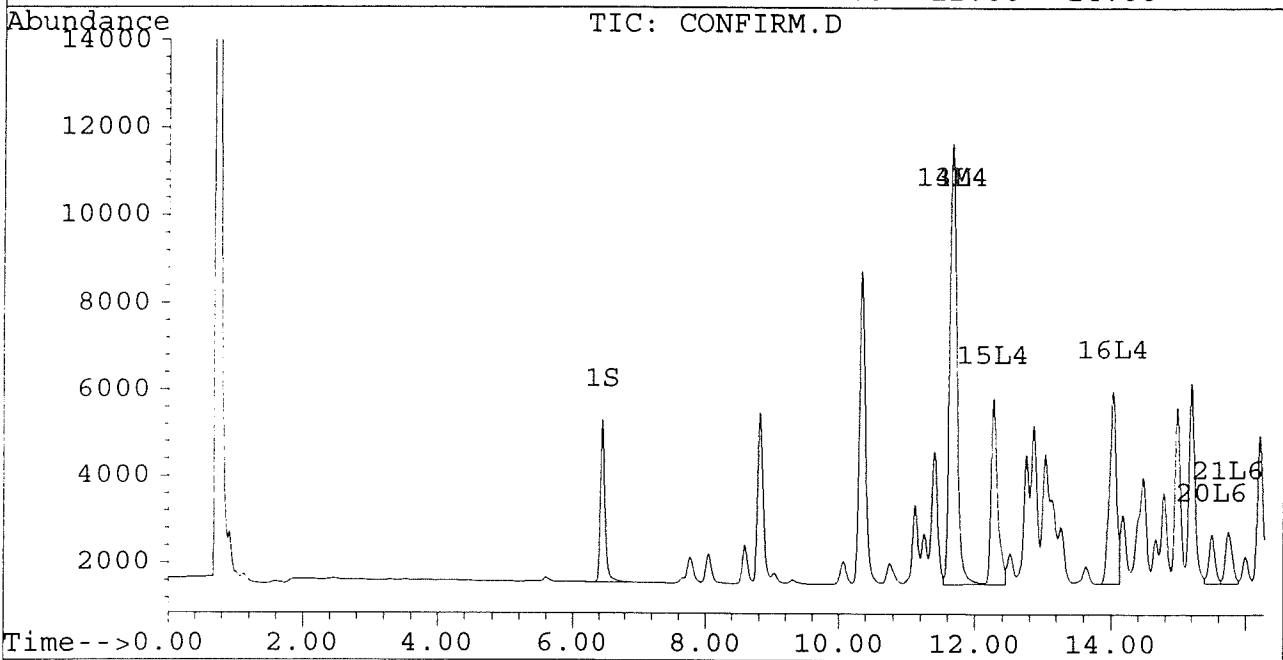
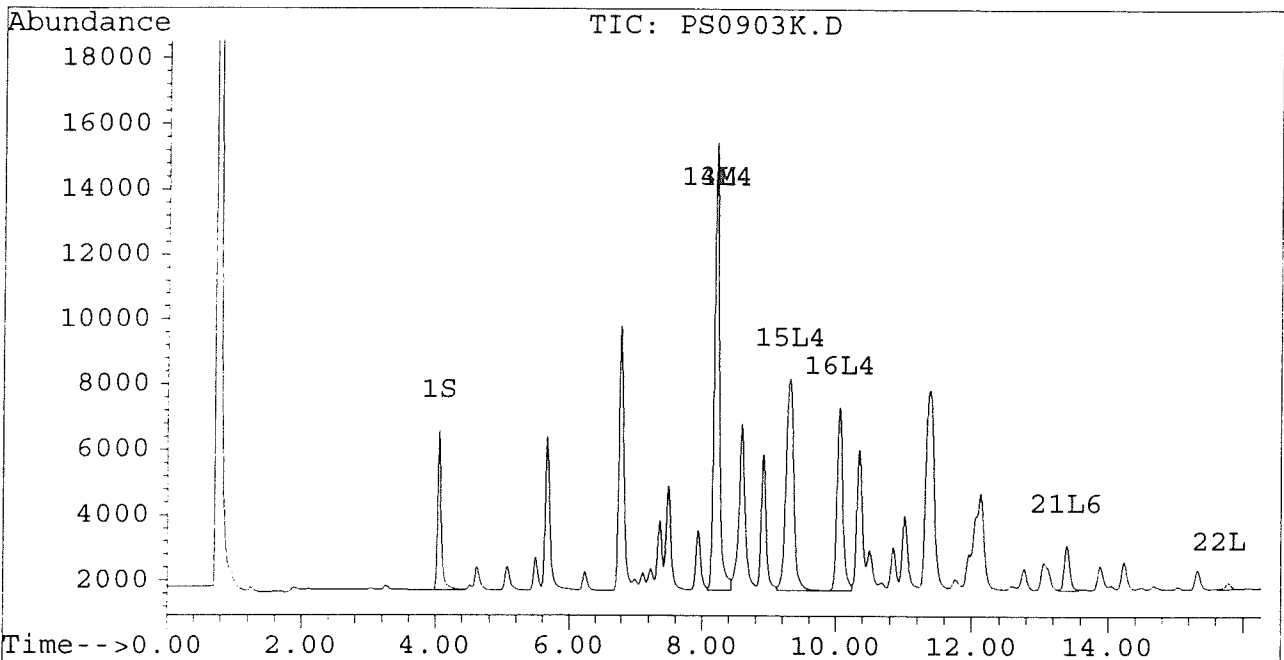
Signal #1 : D:\HPCHEM\5\SE3\PS0903K.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903K.D\CONFIRM.D  
Acq On : 04 Sep 96 01:42 PM  
Sample : AR 1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 4 14:16 1996

Vial: 25  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



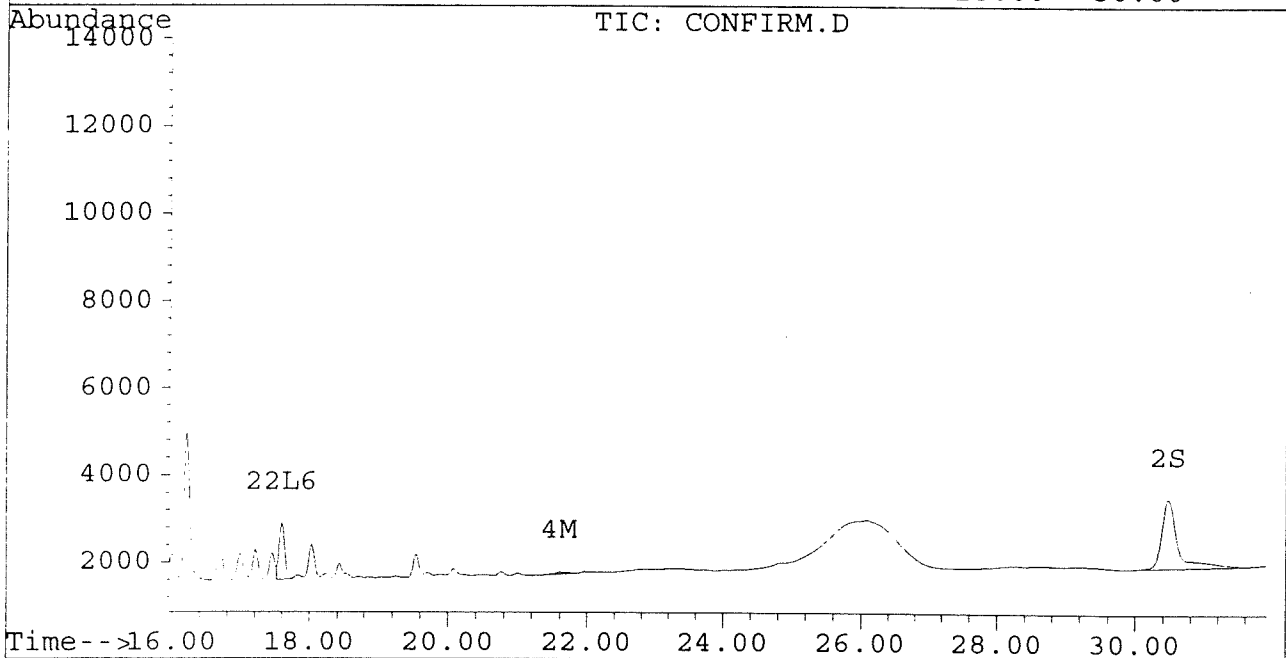
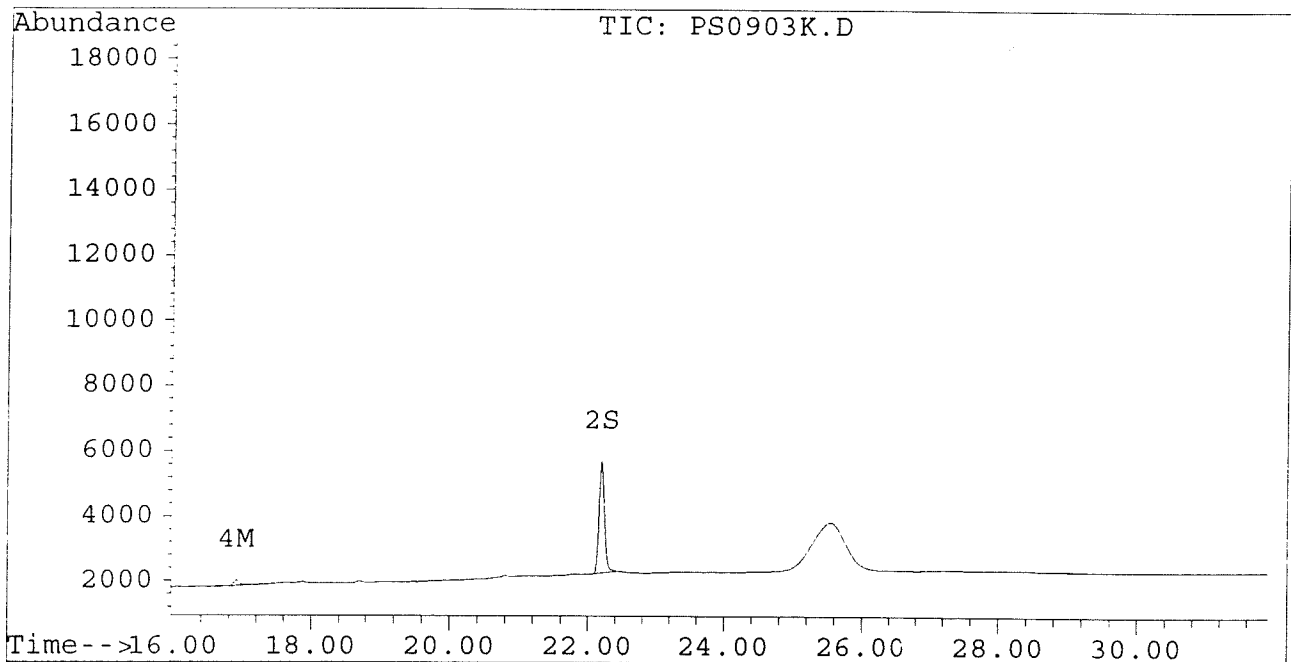
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903K.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903K.D\CONFIRM.D  
Acq On : 04 Sep 96 01:42 PM  
Sample : AR 1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 4 14:16 1996

Vial: 25  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903L.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903L.D\CONFIRM.D  
 Acq On : 04 Sep 96 02:18 PM  
 Sample : AR 1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 14:52 1996

Vial: 26  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.05	6.46	4808	3730	0.020	0.020
			Recovery	=	50.00%	50.00%
2) S Decachlorobiphenyl	22.20	0.00	3398	0	0.016	N.D. #
			Recovery	=	40.00%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.67	331	247	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	16.90	21.60	3036	2092	0.016	0.013
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.16	0.00	42	0	0.006	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			42	0	0.006	N.D.
Average Aroclor-1221					0.006	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.67	331	247	0.008	0.008
15) L4 Aroclor-1242 {2}	9.27f	12.28	5920	80	0.304	0.006 #
16) L4 Aroclor-1242 {3}	10.04	14.04	2868	2570	0.170	0.193
Total Aroclor-1242			9119	2896	0.482	0.207
Average Aroclor-1242					0.161	0.069
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
-----						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903L.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903L.D\CONFIRM.D  
 Acq On : 04 Sep 96 02:18 PM  
 Sample : AR 1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 14:52 1996

Vial: 26  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	10045	8931	0.322	0.331
21) L6 Aroclor-1254 {2}	13.40	15.74	14052	9459	0.325	0.325
22) L6 Aroclor-1254 {3}	15.78	17.59	10134	13142	0.316	0.330
Total Aroclor-1254			34231	31533	0.963	0.986
Average Aroclor-1254					0.321	0.329
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	29	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	881	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

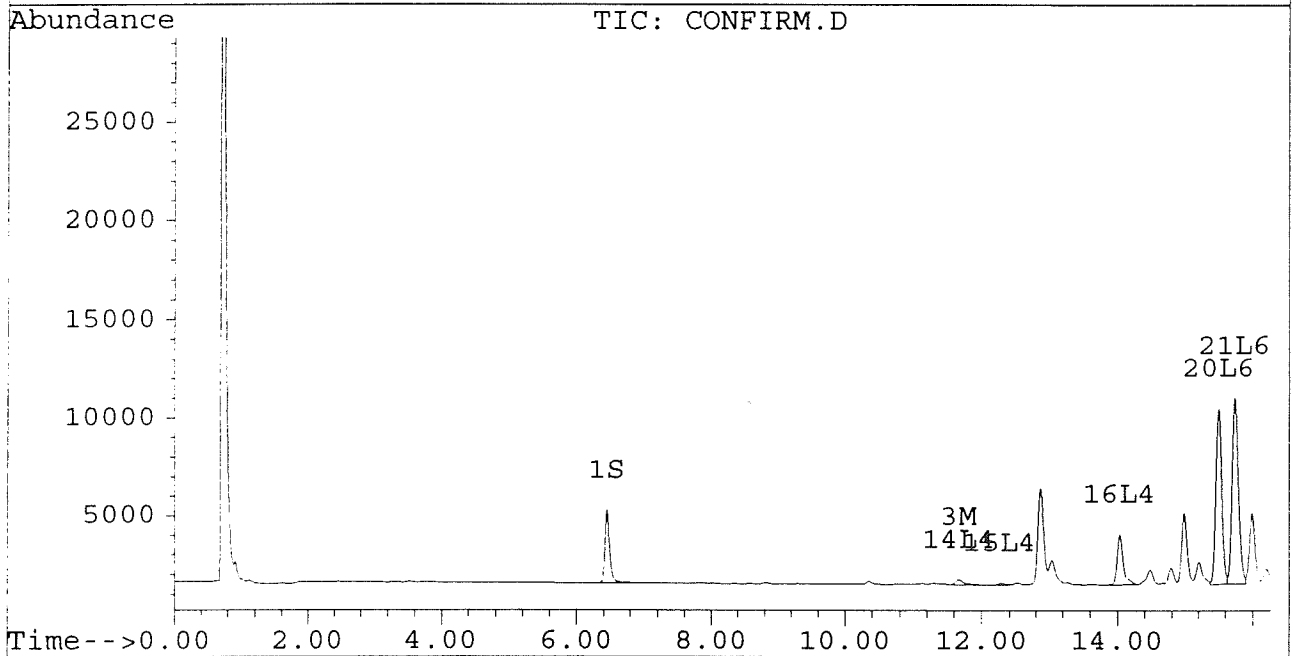
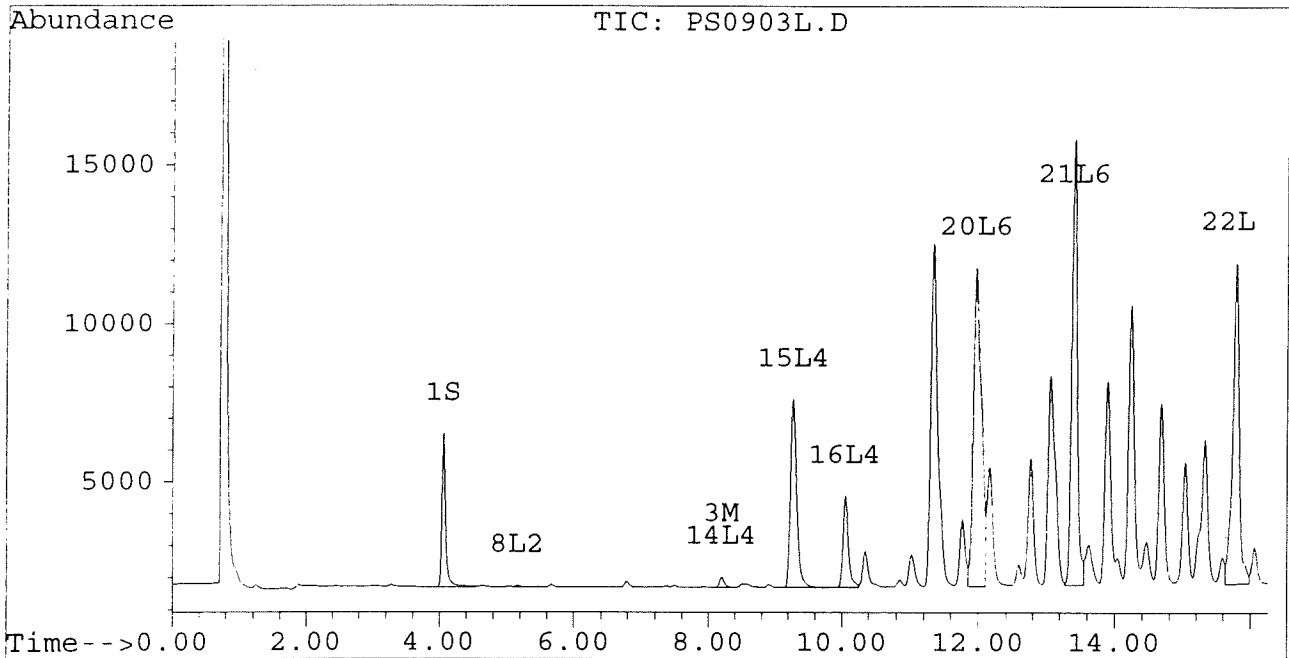
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903L.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903L.D\CONFIRM.D  
Acq On : 04 Sep 96 02:18 PM  
Sample : AR 1254 1.0 UG/ML  
Misc :  
Quant Time: Sep. 4 14:52 1996

Vial: 26  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

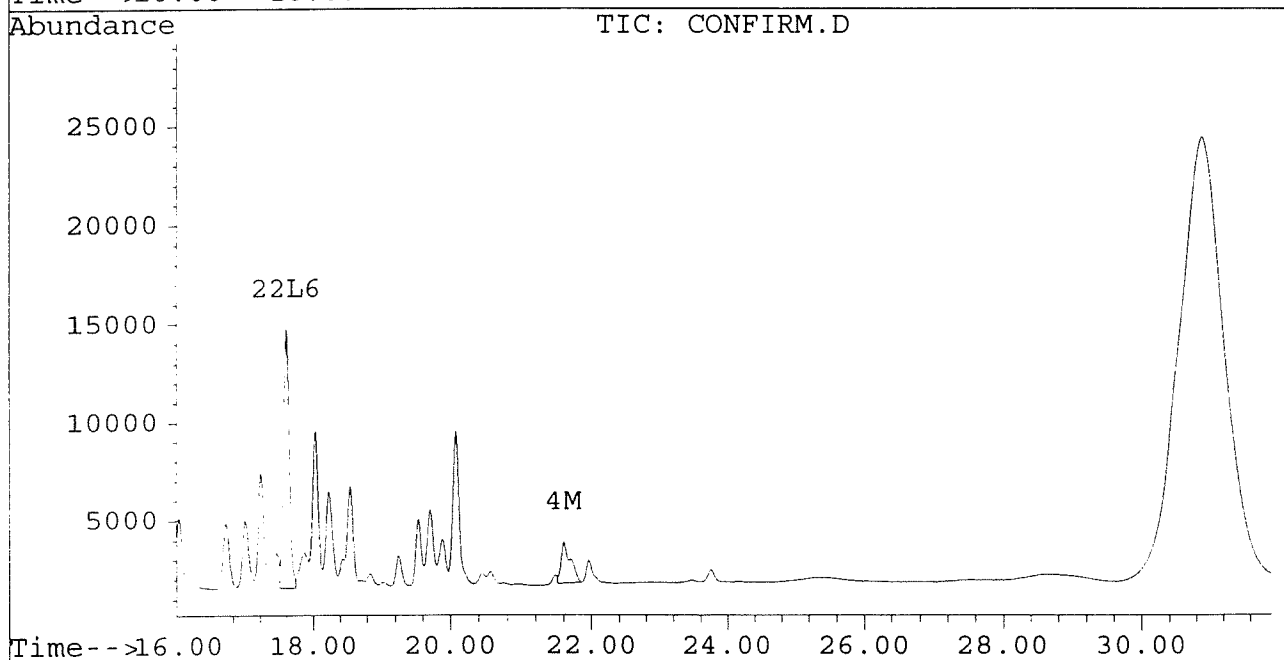
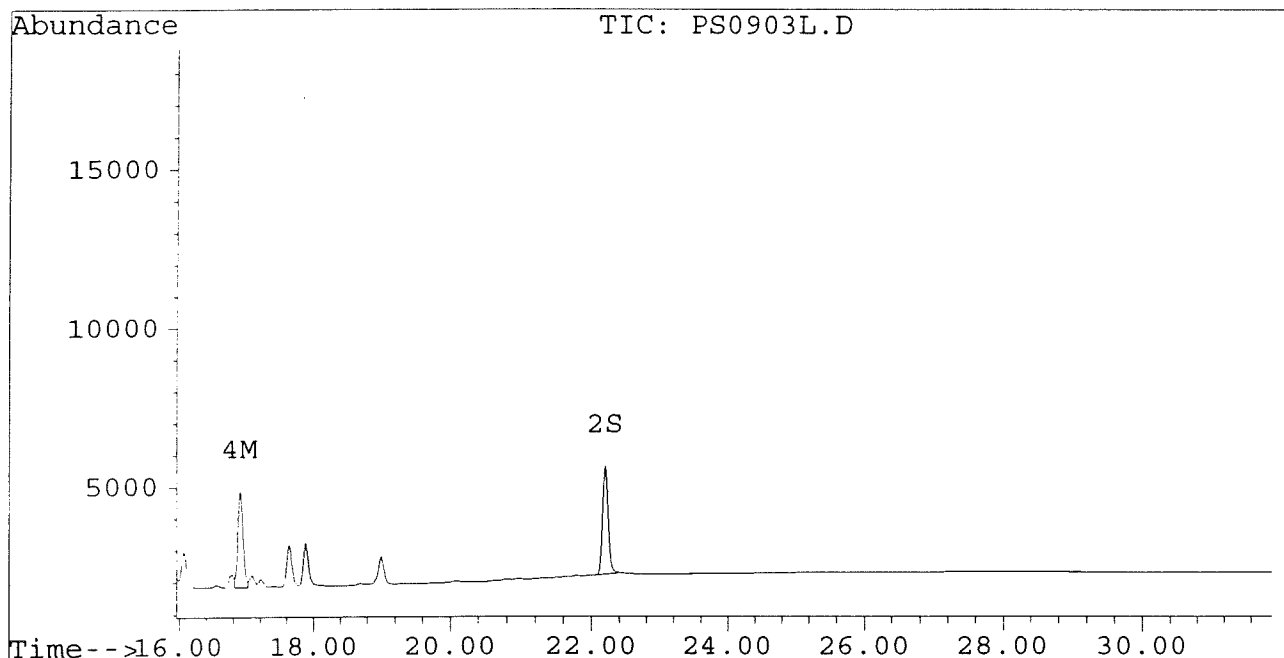
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Signal #2 : D:\HPCHEM\5\SE3\PS0903L.D\CONFIRM.D  
Acq On : 04 Sep 96 02:18 PM  
Sample : AR 1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 4 14:52 1996

Vial: 26  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903M.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903M.D\CONFIRM.D  
 Acq On : 04 Sep 96 08:48 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 4 21:22 1996

Vial: 47  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.46	5251	4068	0.022	0.021
			Recovery	=	55.00%	52.50%
2) S Decachlorobiphenyl	0.00	30.46	0	2401	N.D.	0.027 #
			Recovery	=	0.00%	67.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.17	0.00	43	0	0.006	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			43	0	0.006	N.D.
Average Aroclor-1221					0.006	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	9.29	0.00	28	0	0.001	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			28	0	0.001	N.D.
Average Aroclor-1242					0.001	0.000
17) L5 Aroclor-1248	0.00	15.05f	0	61	N.D.	0.003 #
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	61	N.D.	0.003
Average Aroclor-1248					0.000	0.003

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903M.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903M.D\CONFIRM.D  
 Acq On : 04 Sep 96 08:48 PM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 4 21:22 1996

Vial: 47  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.50	0	61	N.D.	0.002 #
21) L6 Aroclor-1254 {2}	13.39	0.00	824	0	0.019	N.D. #
22) L6 Aroclor-1254 {3}	0.00	17.59	0	49	N.D.	0.001 #
Total Aroclor-1254			824	110	0.019	0.004
Average Aroclor-1254					0.019	0.002
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	14.81f	0.00	1989	0	0.049	N.D. #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			1989	0	0.049	N.D.
Average Aroclor-1260					0.049	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



Quantitation Report

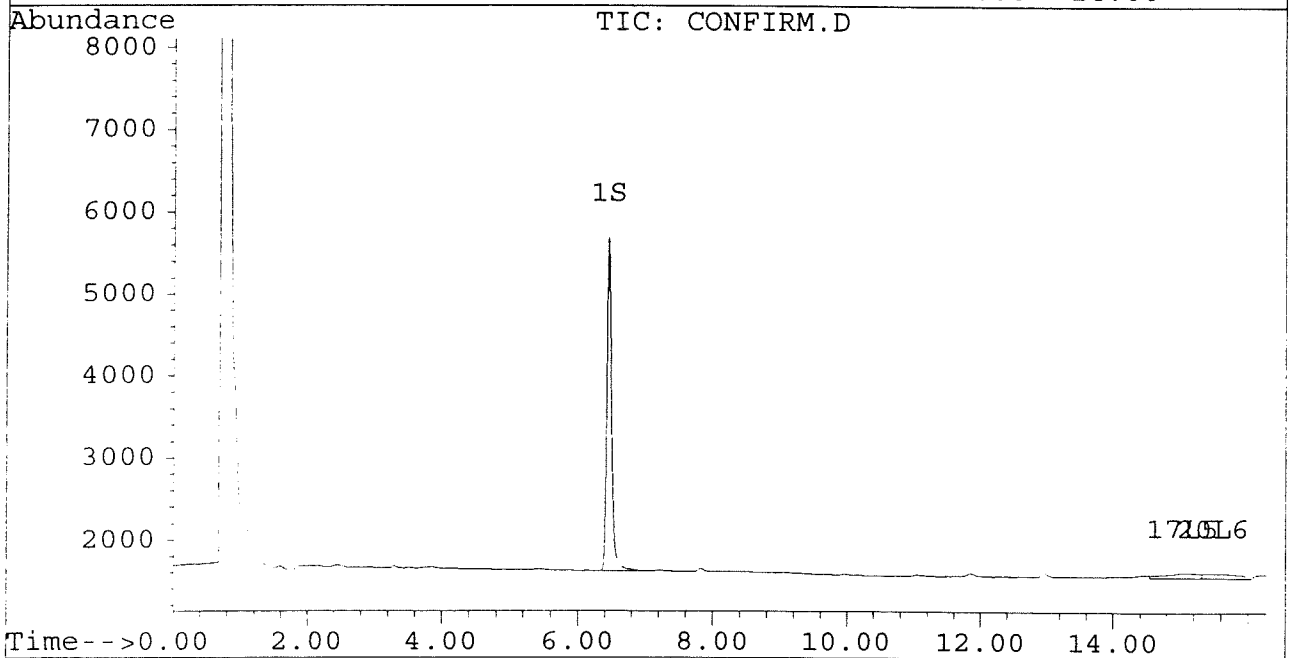
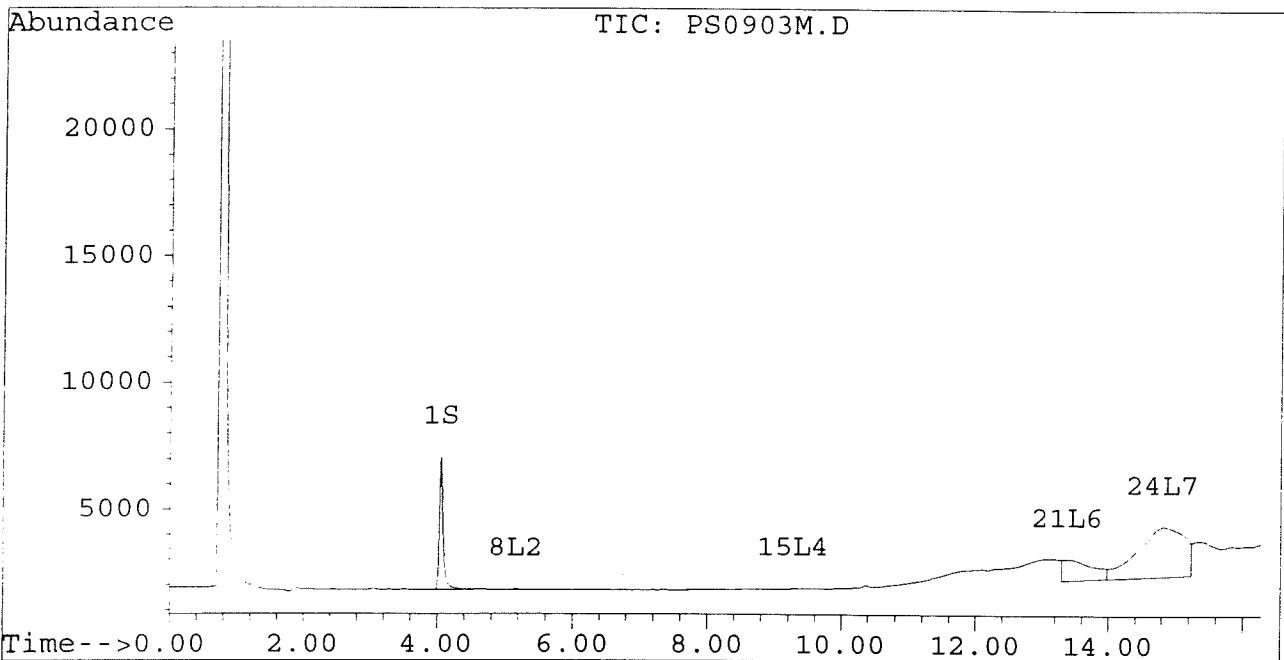
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Signal #2 : D:\HPCHEM\5\SE3\PS0903M.D\CONFIRM.D  
Acq On : 04 Sep 96 08:48 PM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 4 21:22 1996

Vial: 47  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



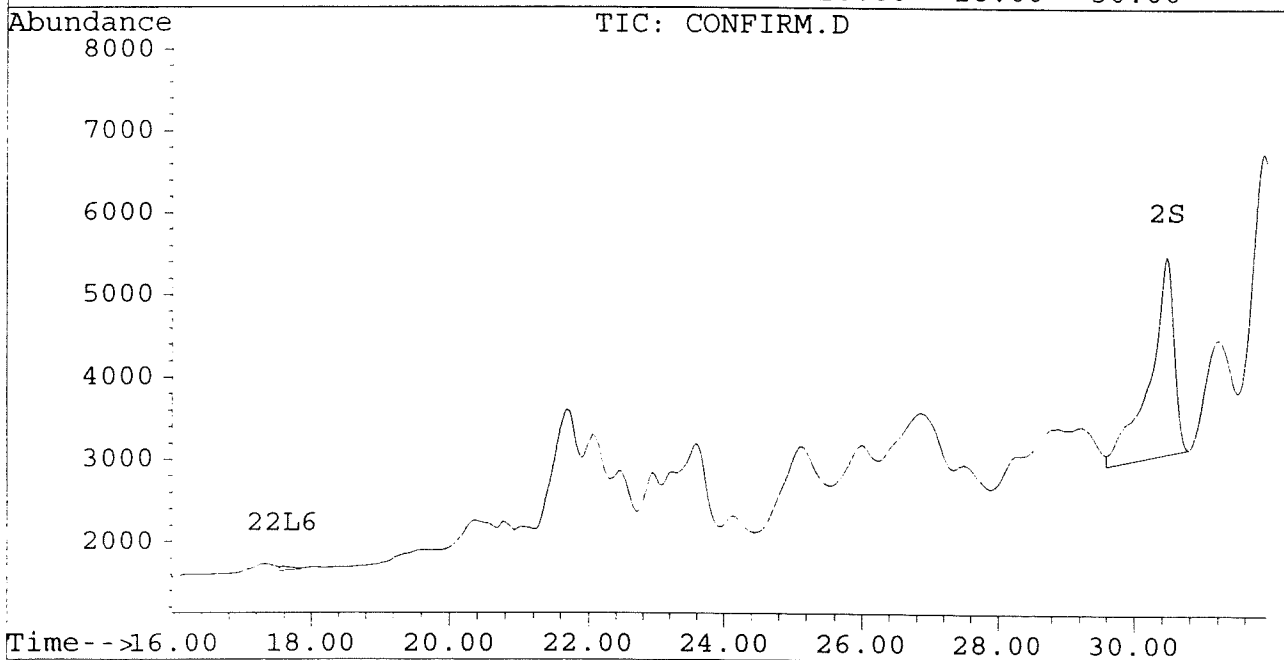
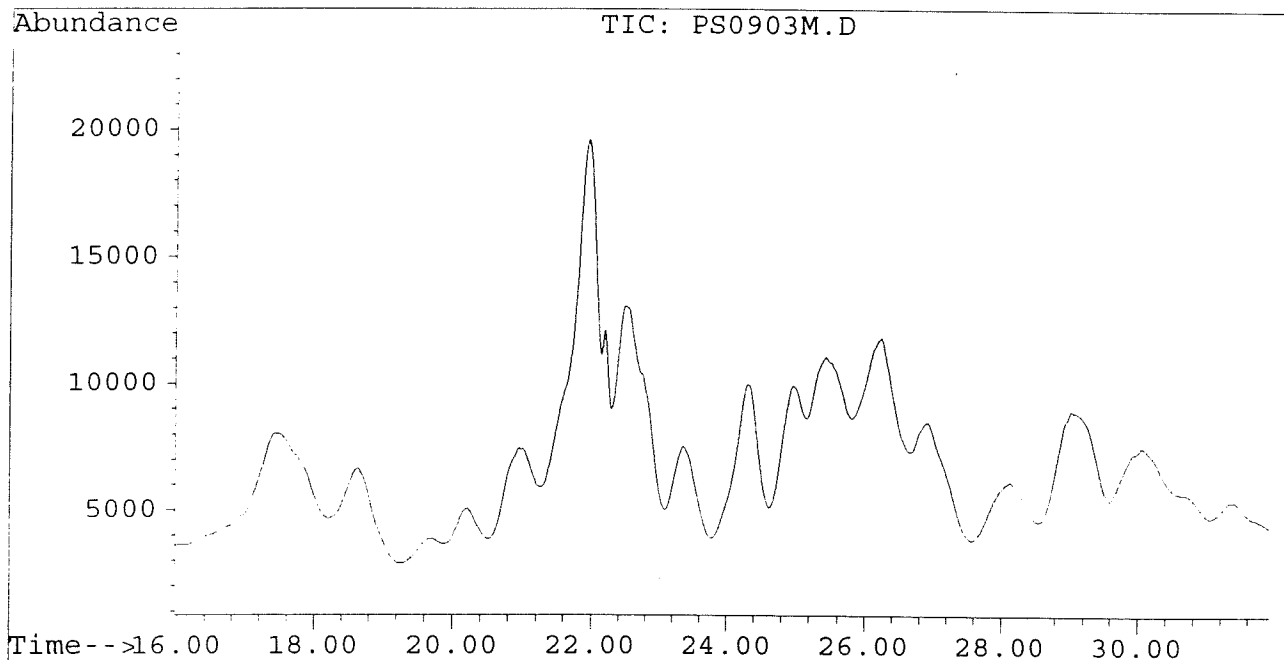
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903M.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903M.D\CONFIRM.D  
Acq On : 04 Sep 96 08:48 PM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 4 21:22 1996

Vial: 47  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903N.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903N.D\CONFIRM.D  
 Acq On : 04 Sep 96 09:23 PM  
 Sample : AR 1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 21:57 1996

Vial: 48  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.46	4767	3750	0.020	0.020
			Recovery	=	50.00%	50.00%
2) S Decachlorobiphenyl	22.20	30.48	3301	1854	0.016	0.021 #
			Recovery	=	40.00%	52.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.19	11.68	13707	10120	0.125	0.106
4) M 2,2',3,3',4,4'-Hexa	16.92	0.00	363	0	0.002	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.19	11.68	13707	10120	0.331	0.340
15) L4 Aroclor-1242 {2}	9.30	12.28	6525	4386	0.335	0.332
16) L4 Aroclor-1242 {3}	10.05	14.04	5607	4380	0.332	0.329
Total Aroclor-1242			25839	18886	0.998	1.001
Average Aroclor-1242					0.333	0.334
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

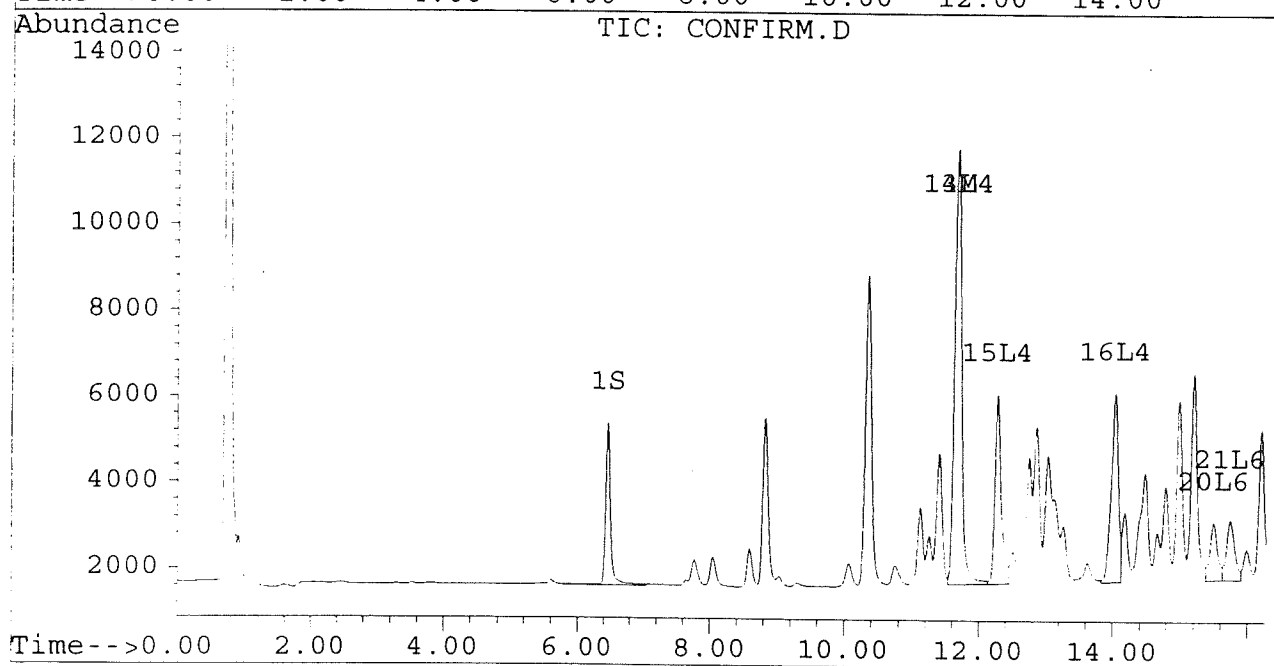
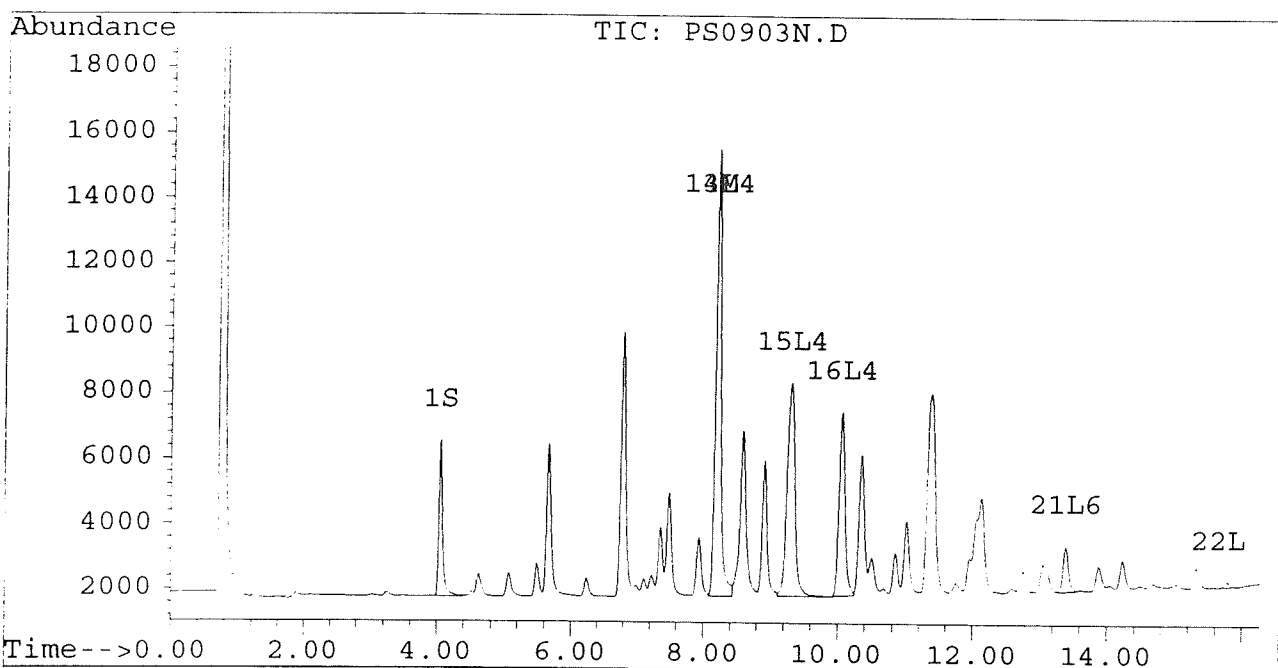
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903N.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903N.D\CONFIRM.D  
Acq On : 04 Sep 96 09:23 PM  
Sample : AR 1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 4 21:57 1996

Vial: 48  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903N.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903N.D\CONFIRM.D  
 Acq On : 04 Sep 96 09:23 PM  
 Sample : AR 1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 21:57 1996

Vial: 48  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.50	0	1326	N.D.	0.049 #
21) L6 Aroclor-1254 {2}	13.40	15.74	1380	1371	0.032	0.047 #
22) L6 Aroclor-1254 {3}	15.79	17.60	157	1373	0.005	0.034 #
Total Aroclor-1254			1537	4069	0.037	0.131
Average Aroclor-1254					0.018	0.044
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	22.09	0	242	N.D.	0.005 #
Total Aroclor-1260			0	242	N.D.	0.005
Average Aroclor-1260					0.000	0.005
26) L8 Aroclor-1268	0.00	23.29	0	1873	N.D.	0.436 #
27) L8 Aroclor-1268 {2}	18.98	0.00	1362	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	1873	N.D.	0.436
Average Aroclor-1268					0.000	0.436

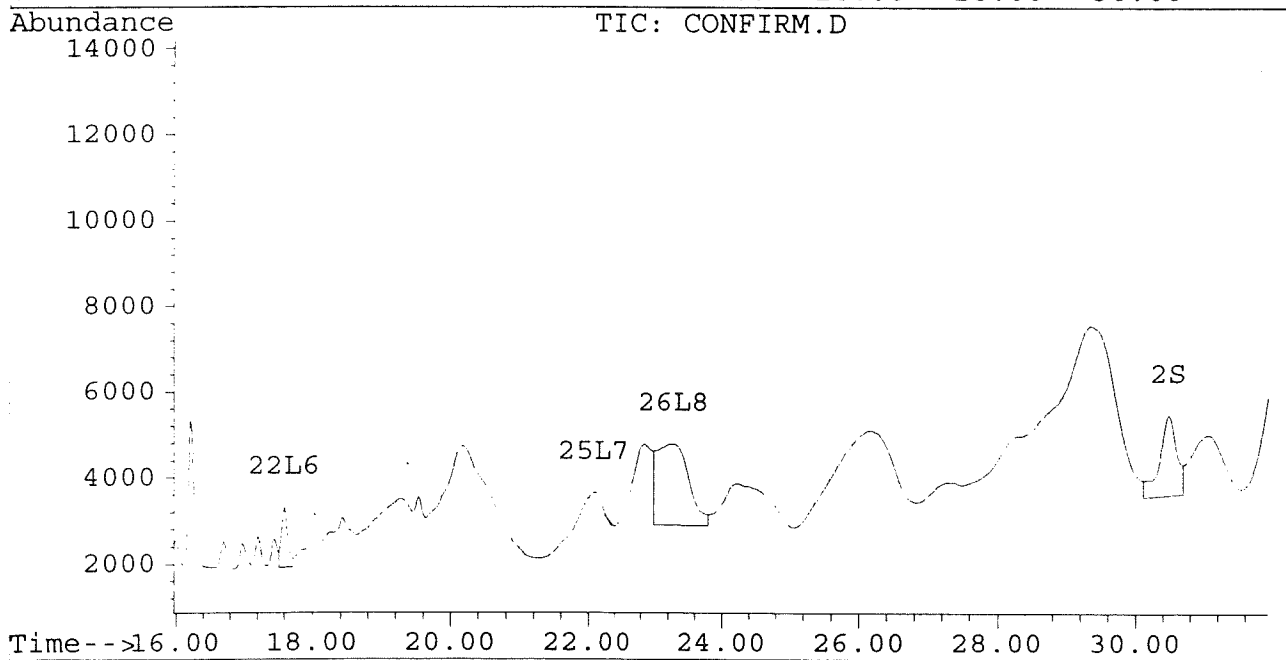
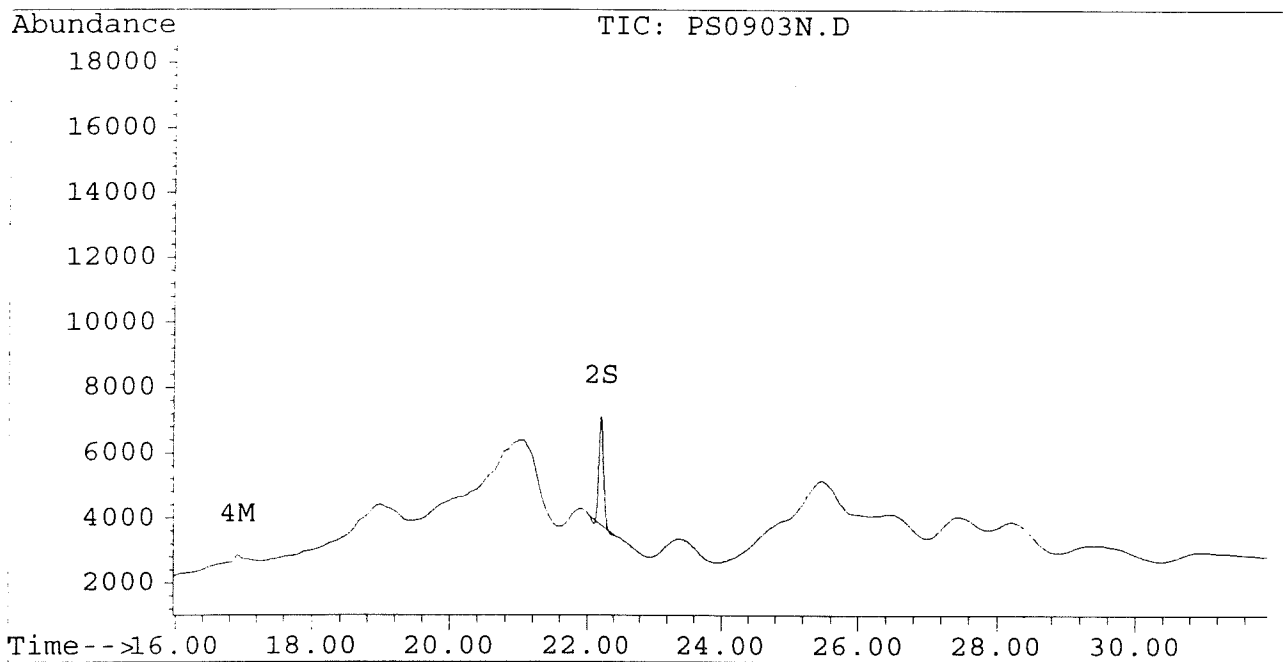
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903N.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903N.D\CONFIRM.D  
Acq On : 04 Sep 96 09:23 PM  
Sample : AR 1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 4 21:57 1996

Vial: 48  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS09030.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS09030.D\CONFIRM.D  
 Acq On : 04 Sep 96 09:59 PM  
 Sample : AR 1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 22:33 1996

Vial: 49  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.46	4802	3769	0.020	0.020
			Recovery	=	50.00%	50.00%
2) S Decachlorobiphenyl	22.20	30.48	3550	1676	0.017	0.019
			Recovery	=	42.50%	47.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.68	330	335	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	16.90	21.60	3306	1927	0.018	0.012 #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.17	0.00	42	0	0.006	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			42	0	0.006	N.D.
Average Aroclor-1221					0.006	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.68	330	335	0.008	0.011 #
15) L4 Aroclor-1242 {2}	9.27f	12.28	6000	273	0.308	0.021 #
16) L4 Aroclor-1242 {3}	10.05	14.04	2936	2765	0.174	0.208
Total Aroclor-1242			9267	3373	0.490	0.240
Average Aroclor-1242					0.163	0.080
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS09030.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS09030.D\CONFIRM.D  
 Acq On : 04 Sep 96 09:59 PM  
 Sample : AR 1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 4 22:33 1996

Vial: 49  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	10349	9215	0.331	0.341
21) L6 Aroclor-1254 {2}	13.40	15.74	14433	9713	0.334	0.334
22) L6 Aroclor-1254 {3}	15.78	17.60	10723	13380	0.334	0.336
Total Aroclor-1254			35506	32308	0.999	1.011
Average Aroclor-1254					0.333	0.337
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	905	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.77f	0.00	142	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



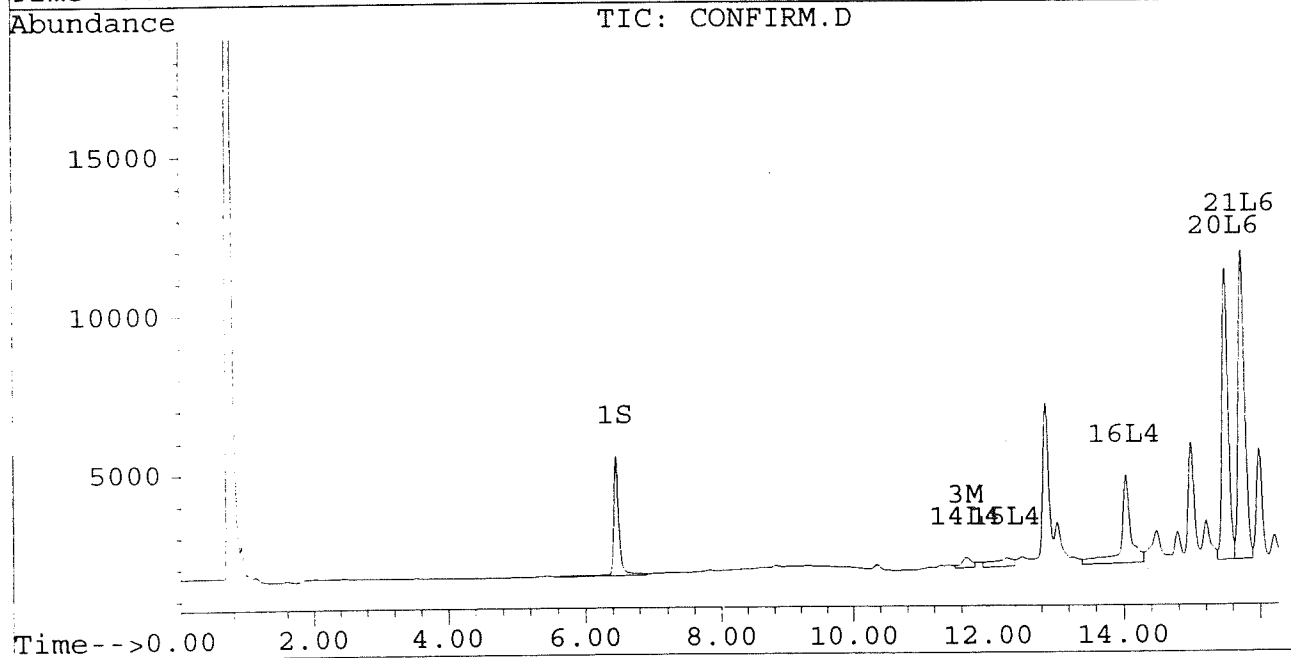
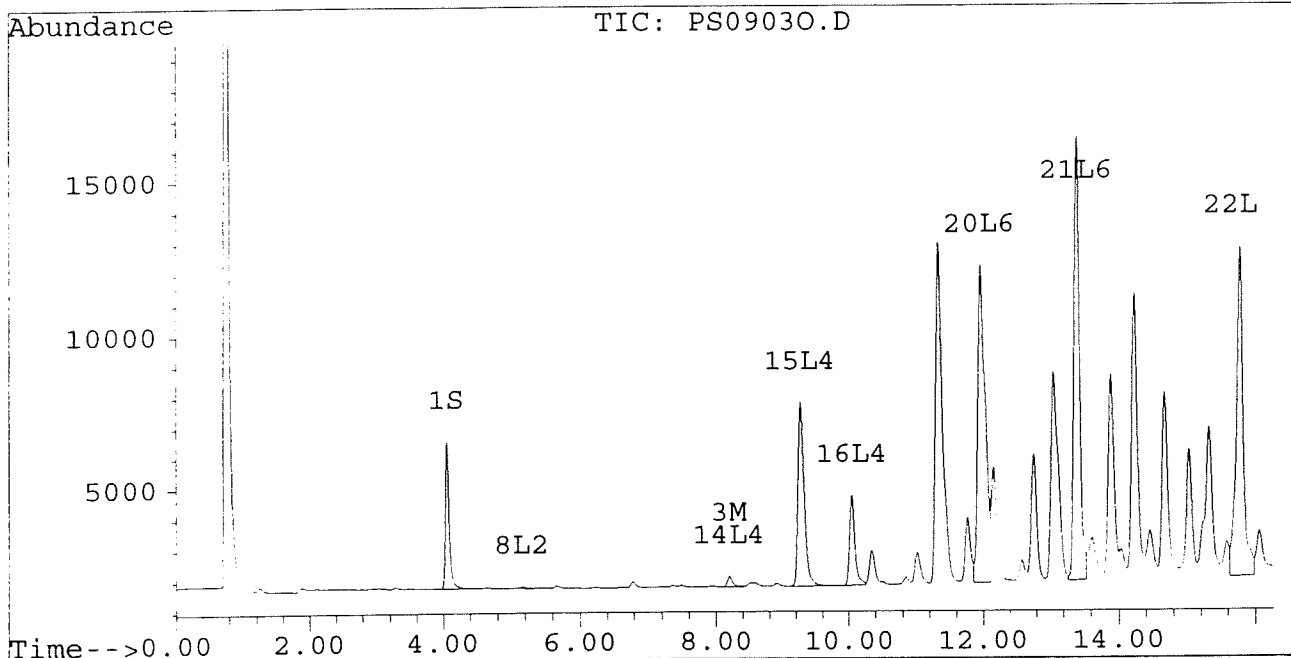
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS09030.D  
Signal #2 : D:\HPCHEM\5\SE3\PS09030.D\CONFIRM.D  
Acq On : 04 Sep 96 09:59 PM  
Sample : AR 1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 4 22:33 1996

Vial: 49  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



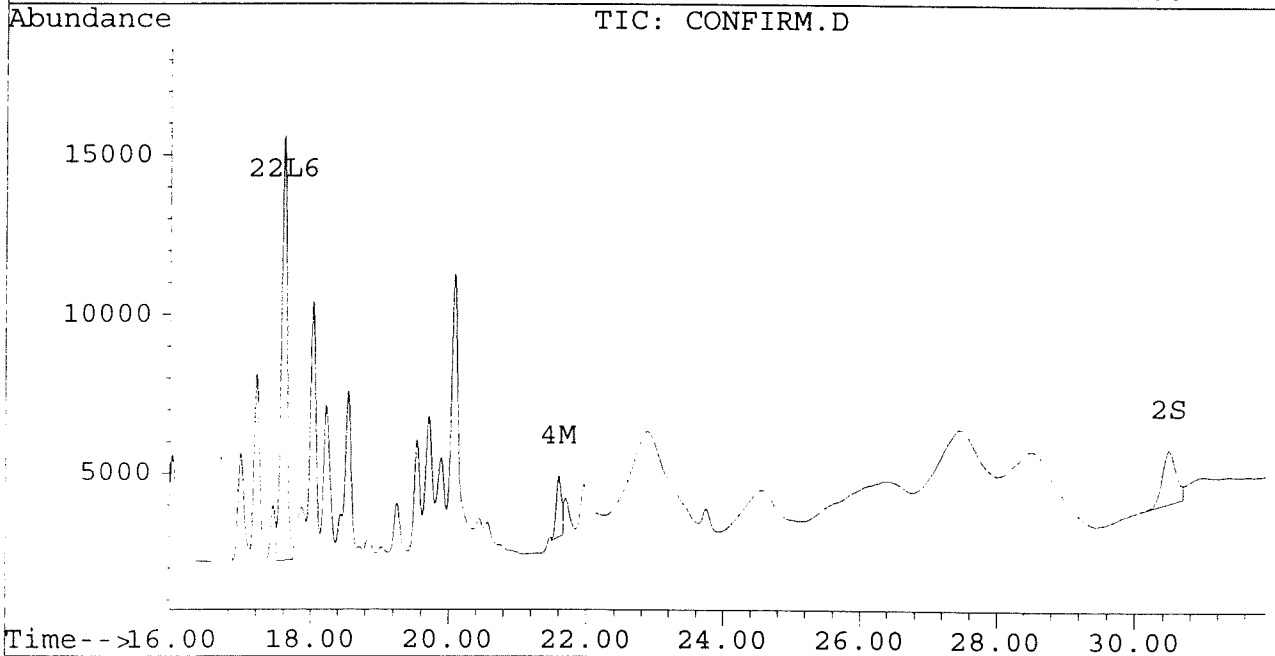
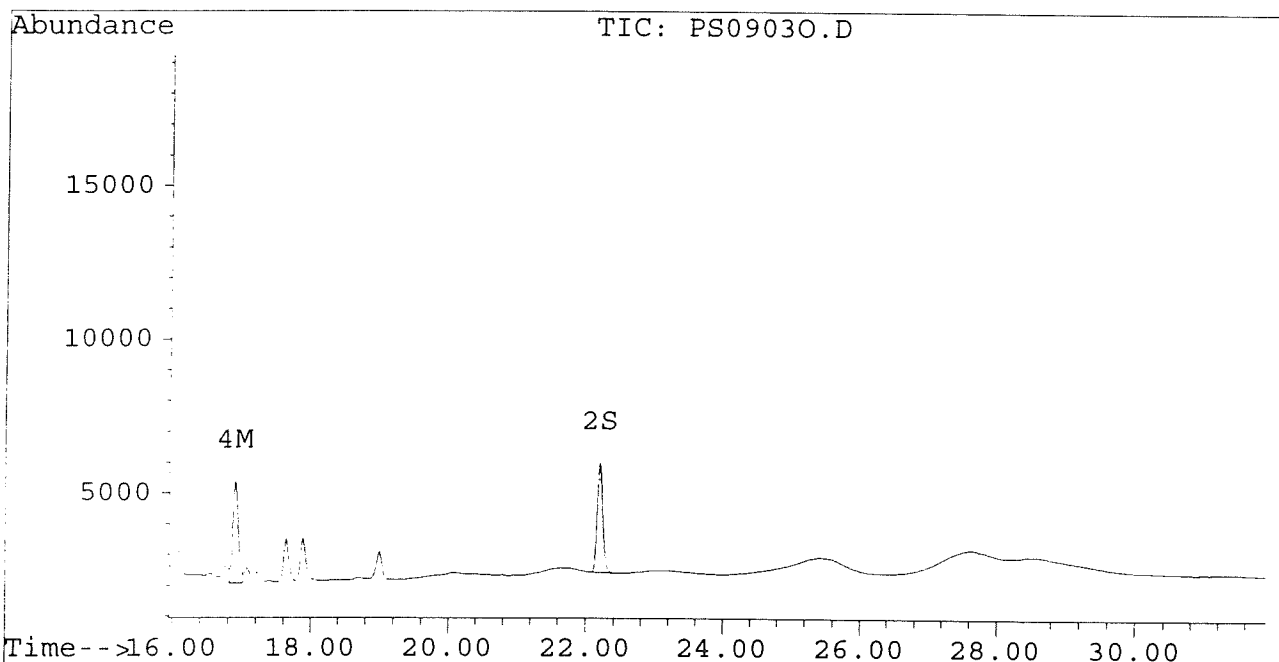
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS09030.D  
Signal #2 : D:\HPCHEM\5\SE3\PS09030.D\CONFIRM.D  
Acq On : 04 Sep 96 09:59 PM  
Sample : AR 1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 4 22:33 1996

Vial: 49  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903P.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903P.D\CONFIRM.D  
 Acq On : 05 Sep 96 09:16 AM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 5 9:50 1996

Vial: 47  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
<b>System Monitoring Compounds</b>						
1) S Tetrachloro-m-xylene	4.05	6.46	5404	4175	0.023	0.022
			Recovery	=	57.50%	55.00%
2) S Decachlorobiphenyl	22.20	0.00	3248	0	0.015	N.D. #
			Recovery	=	37.50%	0.00%
<b>Target Compounds</b>						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	16.92	21.60	146	22	0.001	0.000 #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.17	0.00	45	0	0.006	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			45	0	0.006	N.D.
Average Aroclor-1221					0.006	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	9.29	0.00	30	0	0.002	N.D. #
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			30	0	0.002	N.D.
Average Aroclor-1242					0.002	0.000
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903P.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903P.D\CONFIRM.D  
 Acq On : 05 Sep 96 09:16 AM  
 Sample : PIBLK  
 Misc :  
 Quant Time: Sep 5 9:50 1996

Vial: 47  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	17.60	0	25	N.D.	0.001 #
Total Aroclor-1254			0	25	N.D.	0.001
Average Aroclor-1254					0.000	0.001
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

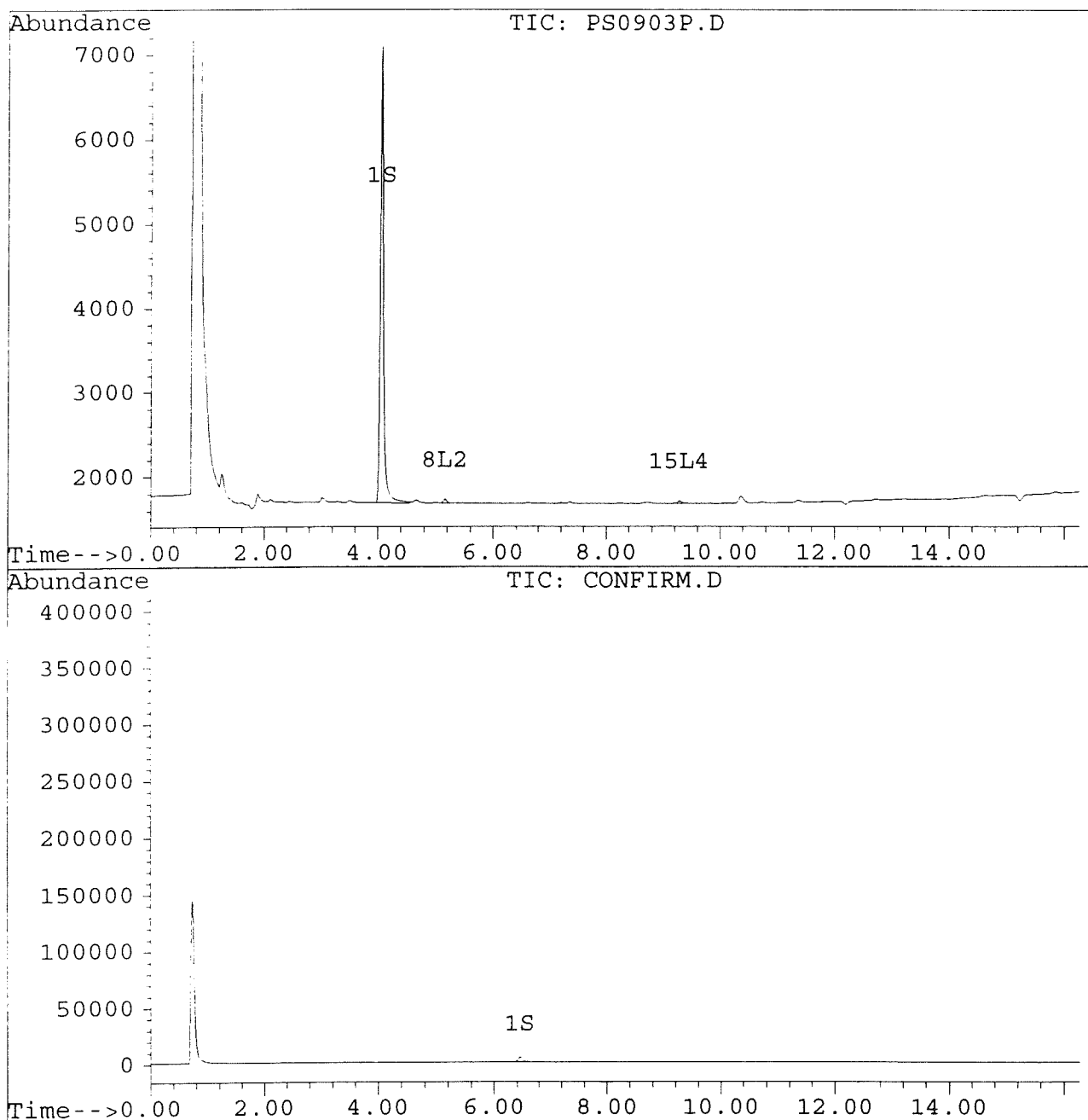
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903P.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903P.D\CONFIRM.D  
Acq On : 05 Sep 96 09:16 AM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 5 9:50 1996

Vial: 47  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



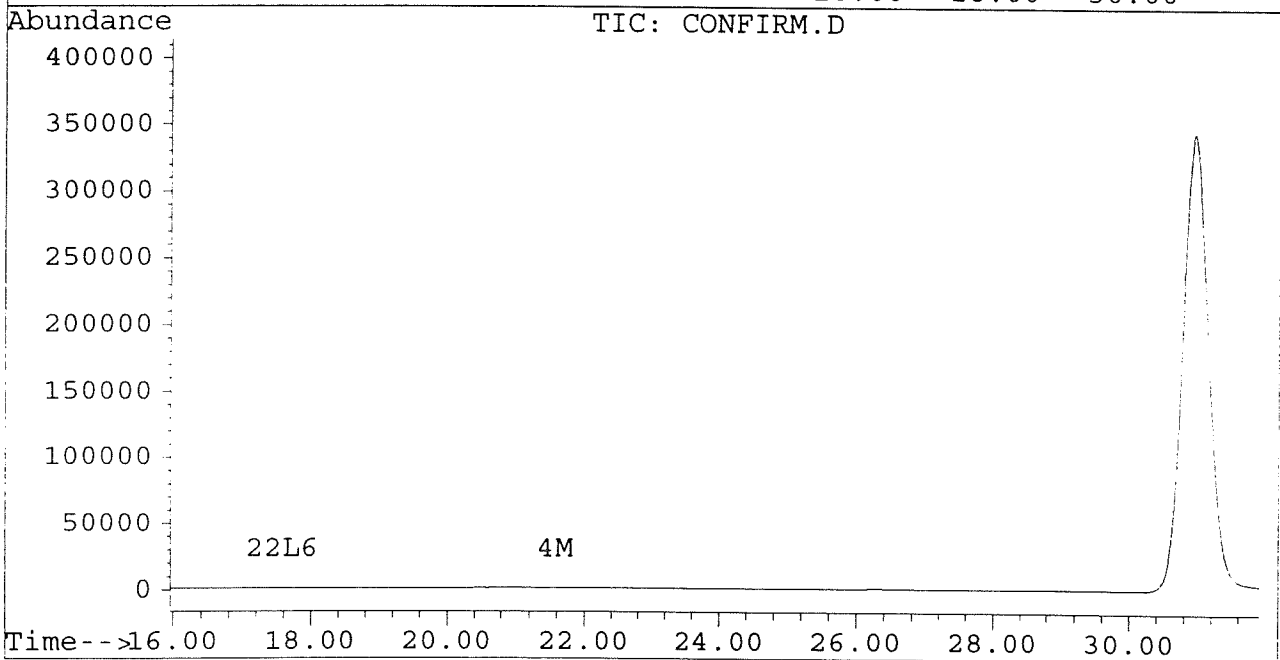
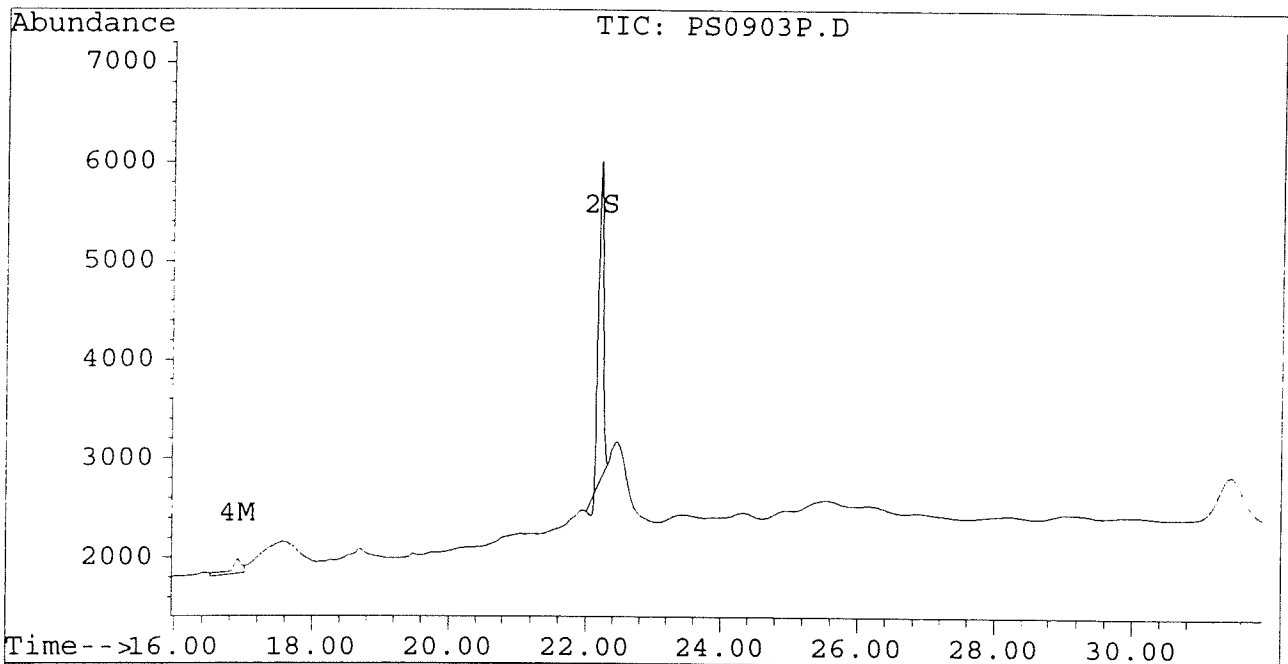
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903P.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903P.D\CONFIRM.D  
Acq On : 05 Sep 96 09:16 AM  
Sample : PIBLK  
Misc :  
Quant Time: Sep 5 9:50 1996

Vial: 47  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903Q.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903Q.D\CONFIRM.D  
 Acq On : 05 Sep 96 09:52 AM  
 Sample : AR 1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 5 10:25 1996

Vial: 48  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.46	4909	3776	0.021	0.020
			Recovery	=	52.50%	50.00%
2) S Decachlorobiphenyl	22.20	30.48	3426	1479	0.016	0.017
			Recovery	=	40.00%	42.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.19	11.68	13569	10030	0.124	0.105
4) M 2,2',3,3',4,4'-Hexa	16.91	0.00	166	0	0.001	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.19	11.68	13569	10030	0.328	0.337
15) L4 Aroclor-1242 {2}	9.30	12.28	6511	4362	0.335	0.330
16) L4 Aroclor-1242 {3}	10.05	14.04	5612	4390	0.332	0.330
Total Aroclor-1242			25692	18782	0.995	0.997
Average Aroclor-1242					0.332	0.332
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903Q.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903Q.D\CONFIRM.D  
 Acq On : 05 Sep 96 09:52 AM  
 Sample : AR 1242 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 5 10:25 1996

Vial: 48  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.50	0	1162	N.D.	0.043 #
21) L6 Aroclor-1254 {2}	13.40	15.75	1374	1155	0.032	0.040
22) L6 Aroclor-1254 {3}	15.79	17.60	190	1336	0.006	0.034 #
Total Aroclor-1254			1565	3653	0.038	0.116
Average Aroclor-1254					0.019	0.039
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000



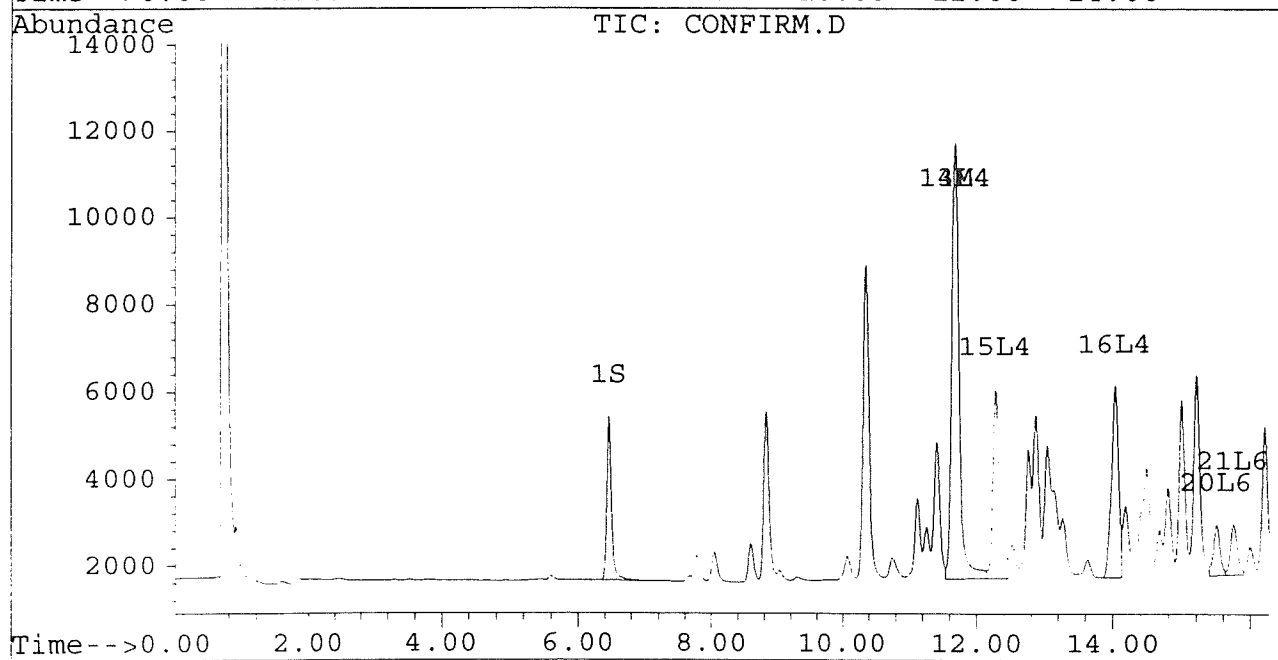
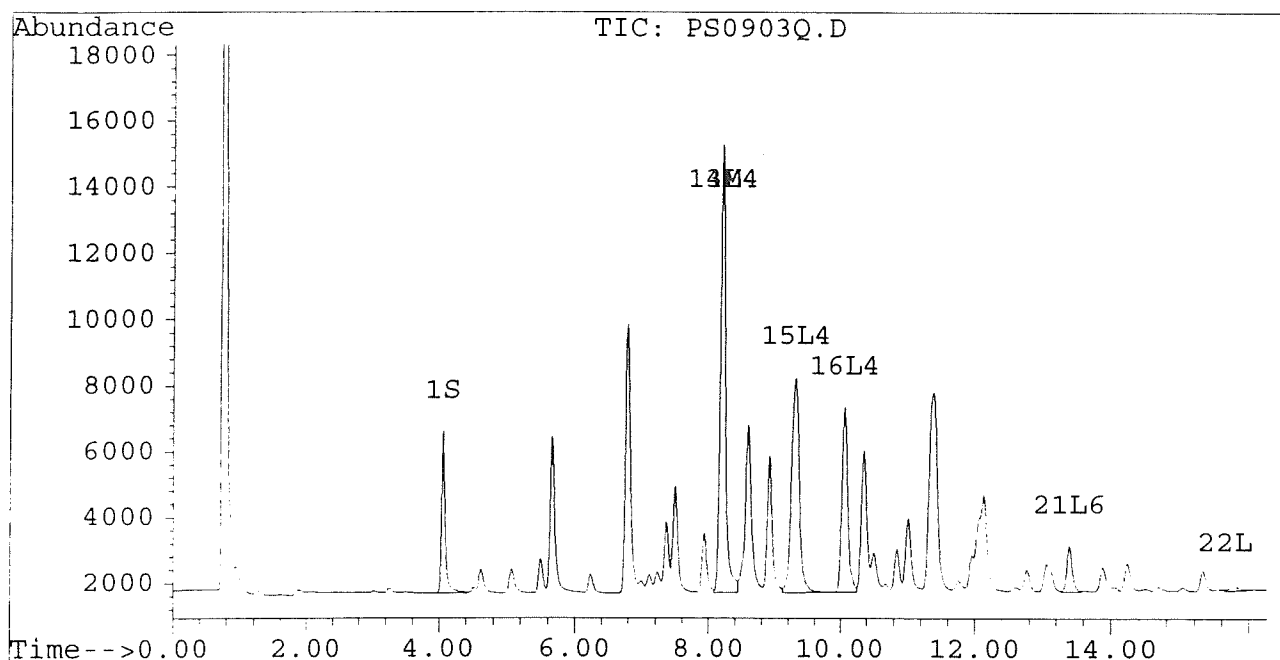
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903Q.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903Q.D\CONFIRM.D  
Acq On : 05 Sep 96 09:52 AM  
Sample : AR 1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 5 10:25 1996

Vial: 48  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



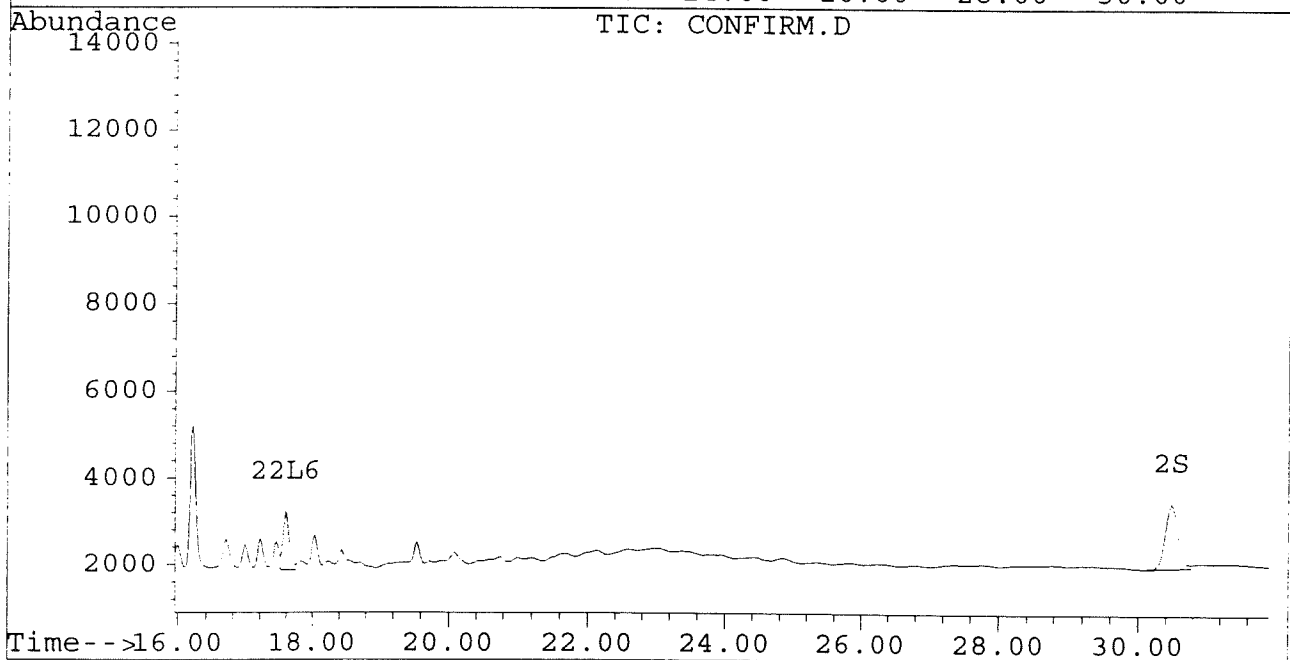
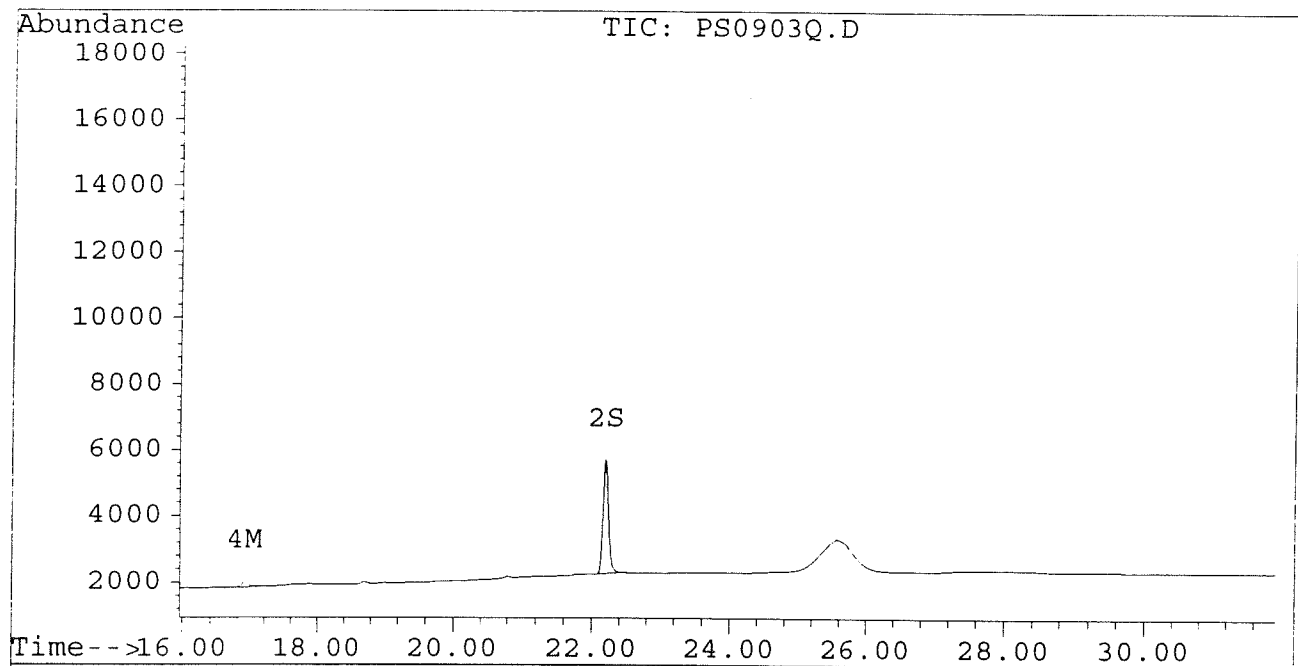
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903Q.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903Q.D\CONFIRM.D  
Acq On : 05 Sep 96 09:52 AM  
Sample : AR 1242 1.0 UG/ML  
Misc :  
Quant Time: Sep 5 10:25 1996

Vial: 48  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903R.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903R.D\CONFIRM.D  
 Acq On : 05 Sep 96 10:27 AM  
 Sample : AR 1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 5 11:01 1996

Vial: 49  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.05	6.46	4679	3666	0.020	0.019
			Recovery	=	50.00%	47.50%
2) S Decachlorobiphenyl	22.20	30.47	3301	1538	0.016	0.017
			Recovery	=	40.00%	42.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.68	315	242	0.003	0.003
4) M 2,2',3,3',4,4'-Hexa	16.90	21.60	2977	2093	0.016	0.013
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.16	0.00	41	0	0.006	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			41	0	0.006	N.D.
Average Aroclor-1221					0.006	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.20	11.68	315	242	0.008	0.008
15) L4 Aroclor-1242 {2}	9.27f	12.28	5810	81	0.299	0.006 #
16) L4 Aroclor-1242 {3}	10.05	14.04	2813	2526	0.167	0.190
Total Aroclor-1242			8938	2849	0.473	0.204
Average Aroclor-1242					0.158	0.068
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903R.D  
 Signal #2 : D:\HPCHEM\5\SE3\PS0903R.D\CONFIRM.D  
 Acq On : 05 Sep 96 10:27 AM  
 Sample : AR 1254 1.0 UG/ML  
 Misc :  
 Quant Time: Sep 5 11:01 1996

Vial: 49  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Tue Sep 03 15:28:59 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	9893	8934	0.317	0.331
21) L6 Aroclor-1254 {2}	13.40	15.74	13732	9492	0.318	0.326
22) L6 Aroclor-1254 {3}	15.78	17.59	9966	12877	0.310	0.323
Total Aroclor-1254			33591	31303	0.945	0.980
Average Aroclor-1254					0.315	0.327
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	30	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	865	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.79	0.00	19	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

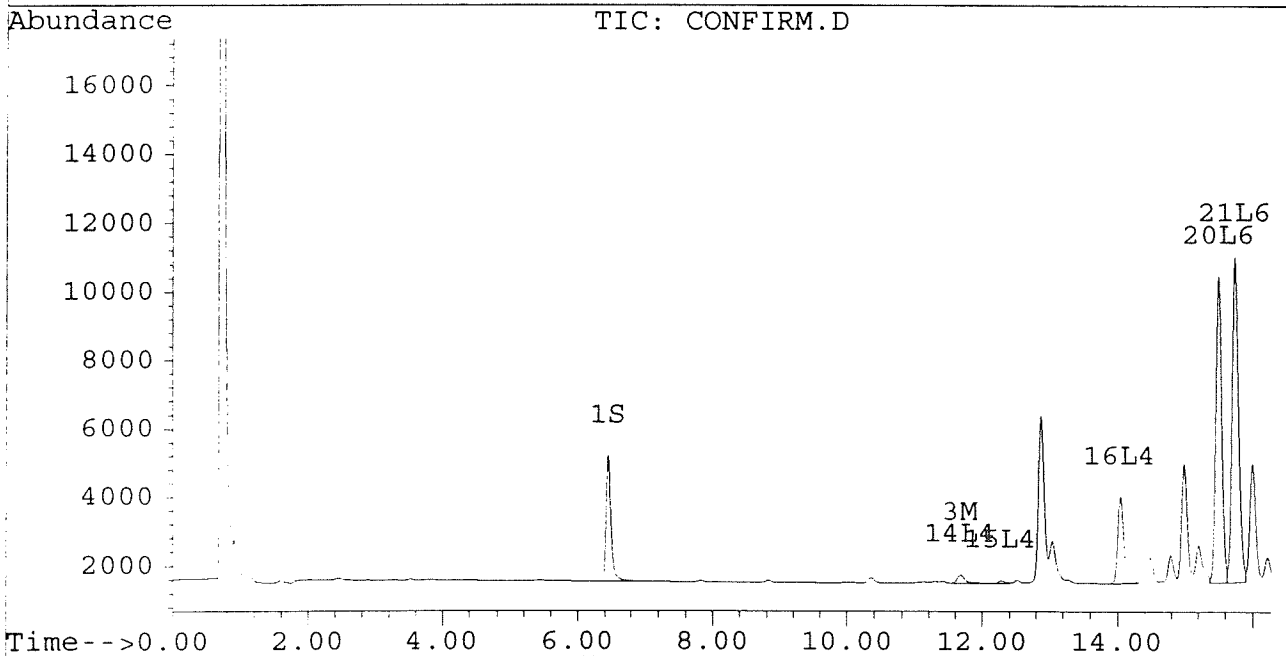
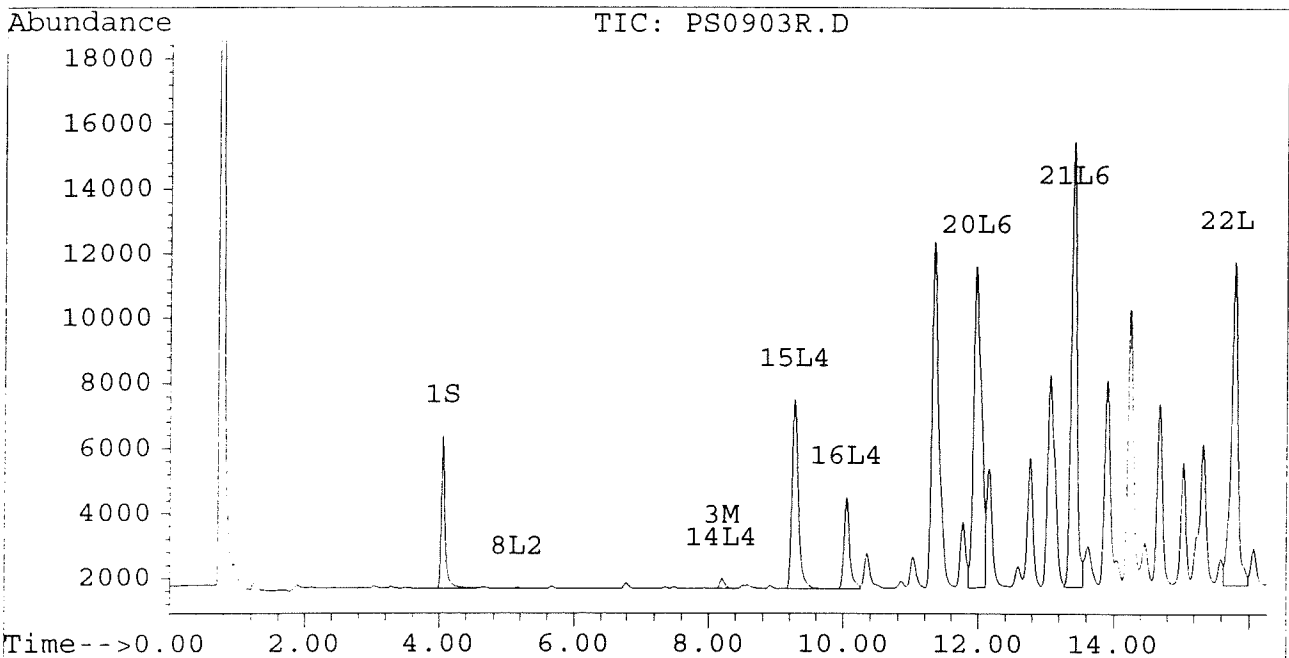
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903R.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903R.D\CONFIRM.D  
Acq On : 05 Sep 96 10:27 AM  
Sample : AR 1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 5 11:01 1996

Vial: 49  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



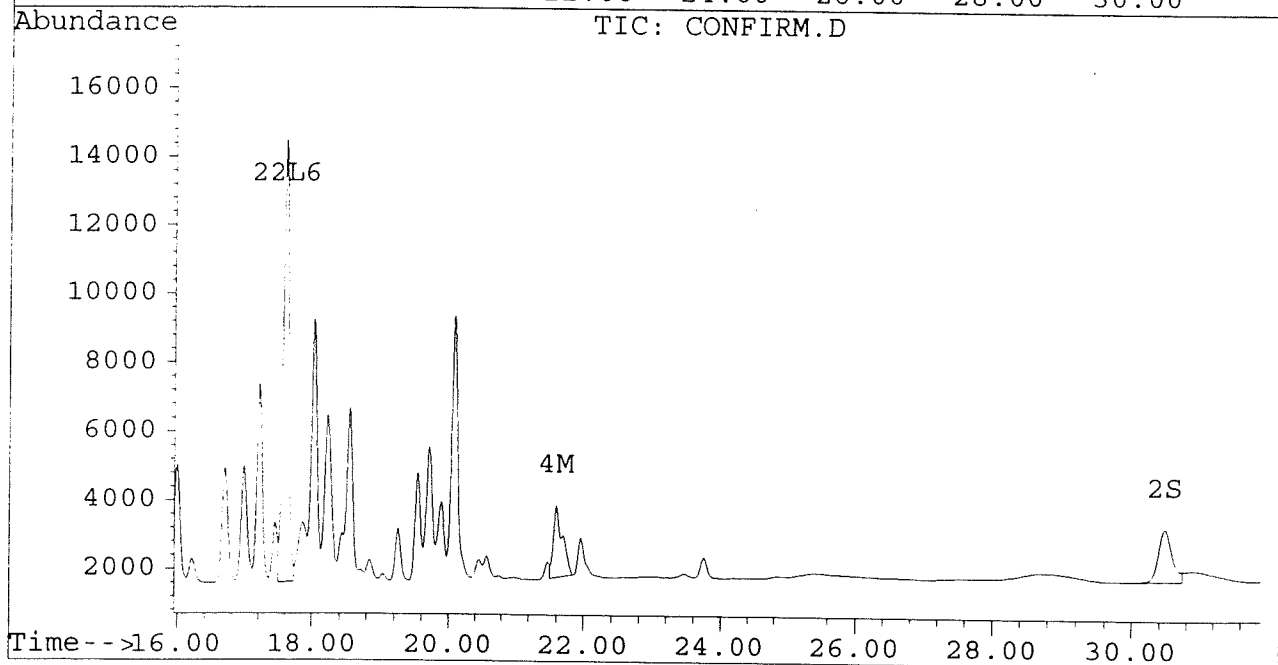
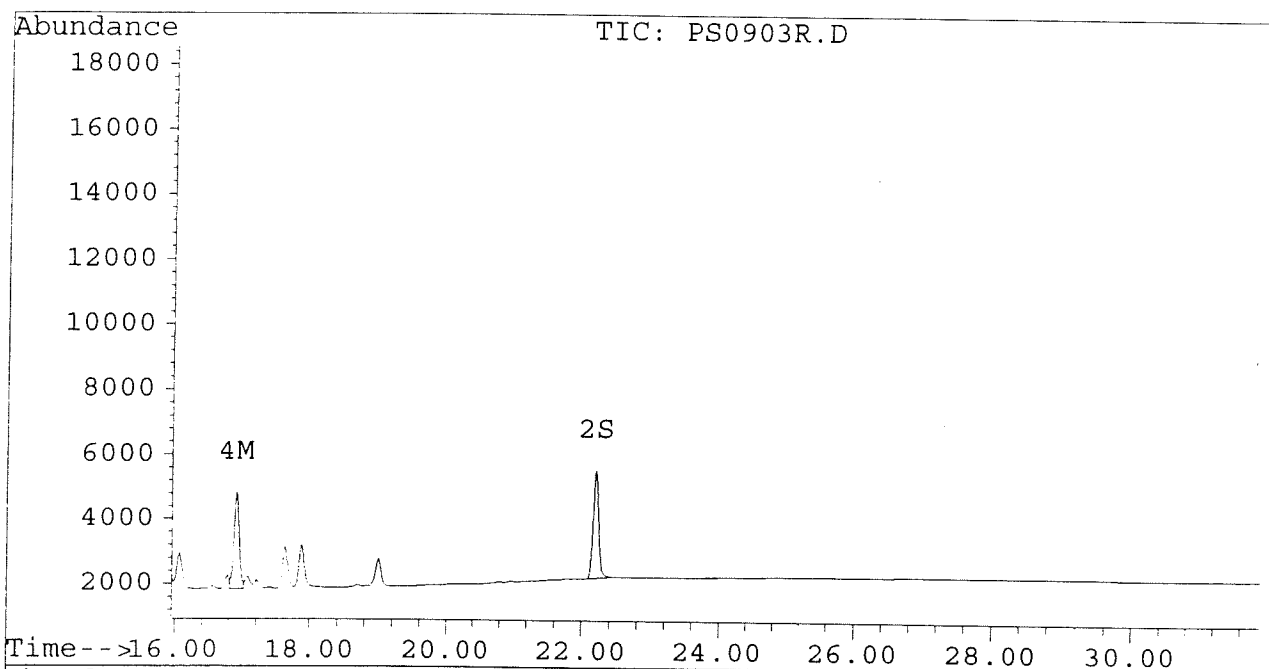
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\PS0903R.D  
Signal #2 : D:\HPCHEM\5\SE3\PS0903R.D\CONFIRM.D  
Acq On : 05 Sep 96 10:27 AM  
Sample : AR 1254 1.0 UG/ML  
Misc :  
Quant Time: Sep 5 11:01 1996

Vial: 49  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Tue Sep 03 15:28:59 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Solvent Track:

GPC Batch Number:  
Florisil Lot Number:

MITKEM CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION: Pesticides/PCB

Date:	Analysis:	Sample Matrix:	Project #:							
08/26/96	PCB	WV00	0845							
Blank ID: P0826-B1	Method: Shaker	Analyst:	Client: V14B							
Lab Sample ID	Client Sample ID	Weight/Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments
P0826-B1		100g	2mL	1mL spike	8/26/96	8/26/96	8/26/96	10mL	8/26/96	Surr: JSD
-KCS1		100g	2mL	1mL spike						Substr: Jenny
P0845-87										
-88										
-89										
-90										
-91										
-92										
-93										
-94										
-95										
JSD										
8/26/96										

8/27/96

1235

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-87.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-87.D\CONFIRM.D  
 Acq On : 31 Aug 96 07:42 AM  
 Sample : VHB/ DLACW01  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 8:15 1996

Vial: 64  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	9556	7599	0.040	0.040
			Recovery	=	100.00%	100.00%
2) S Decachlorobiphenyl	22.30	30.72	6276	2705	0.030	0.031
			Recovery	=	75.00%	77.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.29	0.00	52	0	0.000	N.D. #
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	1750	0	0.009	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	9.01	0.00	99	0	0.006	N.D. #
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			99	0	0.006	N.D.
Average Aroclor-1016					0.006	0.000
8) L2 Aroclor-1221	5.10	0.00	169	0	0.024	N.D. #
9) L2 Aroclor-1221 {2}	0.00	8.67	0	251	N.D.	0.051 #
10) L2 Aroclor-1221 {3}	5.70f	0.00	74	0	0.004	N.D. #
Total Aroclor-1221			244	251	0.028	0.051
Average Aroclor-1221					0.014	0.051
11) L3 Aroclor-1232	5.70f	0.00	74	0	0.004	N.D. #
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.64	0.00	30	0	0.004	N.D. #
Total Aroclor-1232			104	0	0.008	N.D.
Average Aroclor-1232					0.004	0.000
14) L4 Aroclor-1242	8.29	11.73f	52	395	0.001	0.013 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	10.10	14.13	26	397	0.002	0.030 #
Total Aroclor-1242			78	793	0.003	0.043
Average Aroclor-1242					0.001	0.022
17) L5 Aroclor-1248	0.00	15.09	0	272	N.D.	0.012 #
18) L5 Aroclor-1248 {2}	10.10	15.32	26	424	0.001	0.018 #
19) L5 Aroclor-1248 {3}	11.43	16.32	131	192	0.004	0.011 #
Total Aroclor-1248			157	888	0.005	0.041
Average Aroclor-1248					0.002	0.014

(K)



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-87.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-87.D\CONFIRM.D  
 Acq On : 31 Aug 96 07:42 AM  
 Sample : VHB/ DLACW01  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 8:15 1996

Vial: 64  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.08	15.59	69	236	0.002	0.009 #
21) L6 Aroclor-1254 {2}	13.48	0.00	69	0	0.002	N.D. #
22) L6 Aroclor-1254 {3}	15.88	17.69	219	398	0.007	0.010 #
Total Aroclor-1254			357	635	0.011	0.019
Average Aroclor-1254					0.004	0.009
23) L7 Aroclor-1260	13.98	0.00	47	0	0.001	N.D. #
24) L7 Aroclor-1260 {2}	0.00	18.68	0	480	N.D.	0.013 #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			47	480	0.001	0.013
Average Aroclor-1260					0.001	0.013
26) L8 Aroclor-1268	0.00	23.35f	0	101	N.D.	0.024 #
27) L8 Aroclor-1268 {2}	0.00	23.51	0	64	N.D.	NoCal
28) L8 Aroclor-1268 {3}	21.87f	0.00	447	0	NoCal	N.D.
Total Aroclor-1268			0	101	N.D.	0.024
Average Aroclor-1268					0.000	0.024

Ki

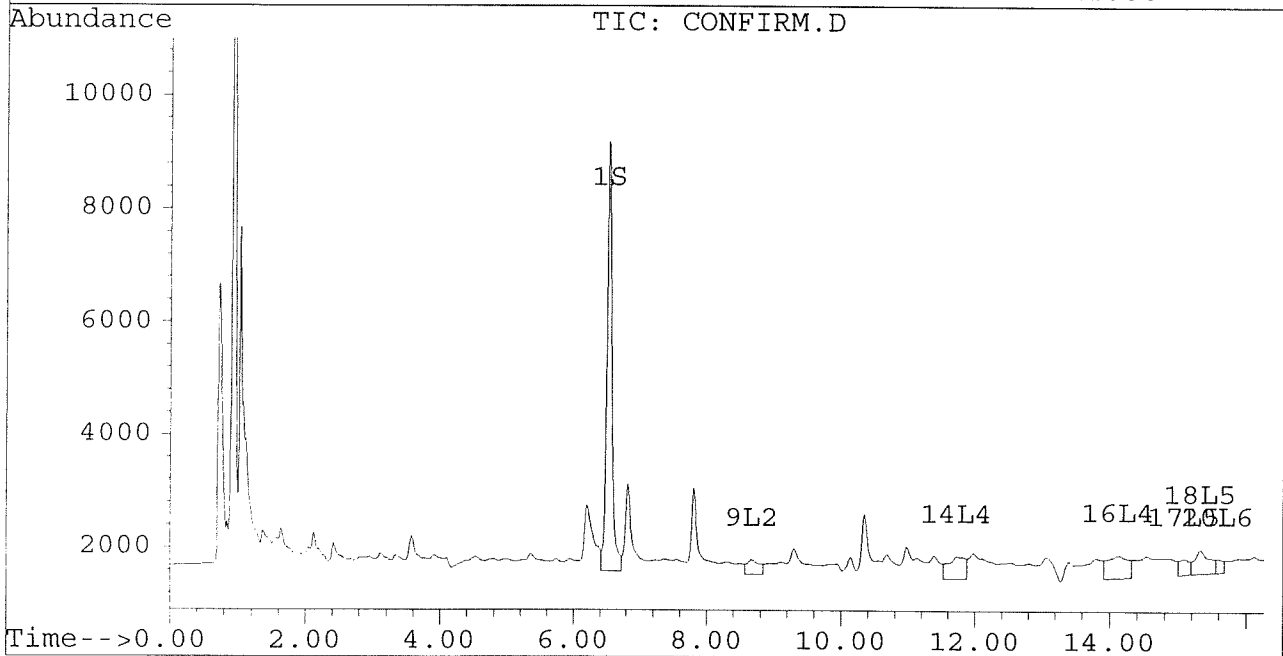
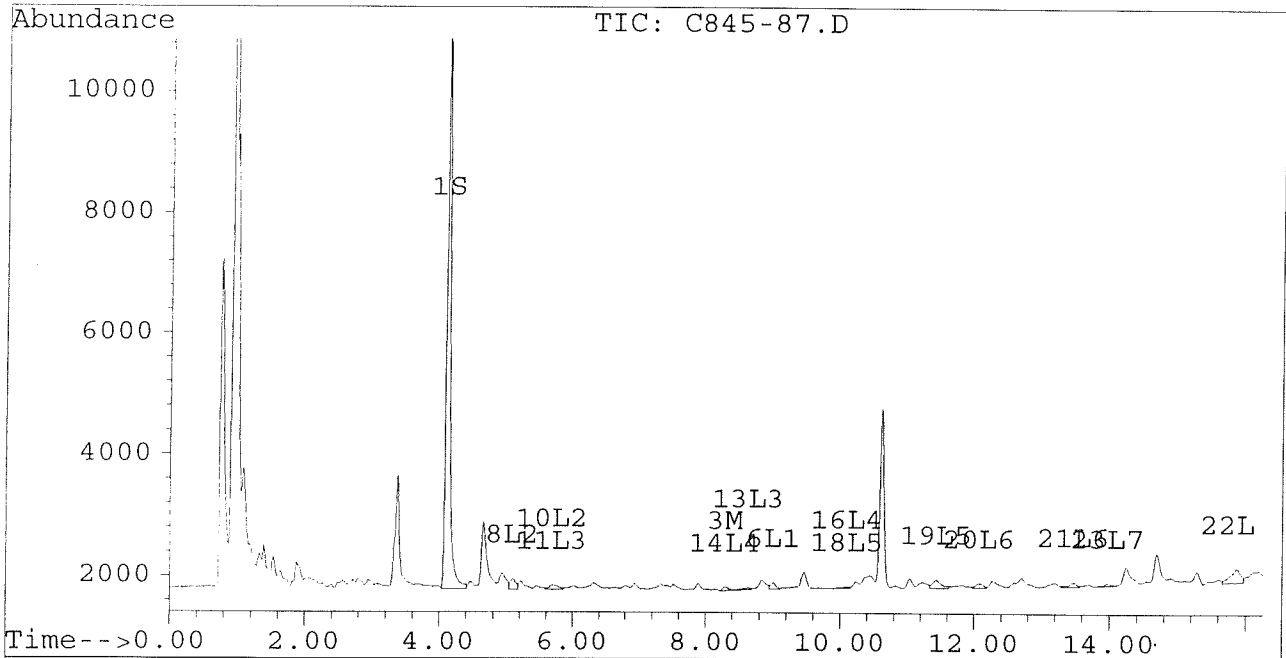
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-87.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-87.D\CONFIRM.D  
Acq On : 31 Aug 96 07:42 AM  
Sample : VHB/ DLACW01  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 8:15 1996

Vial: 64  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



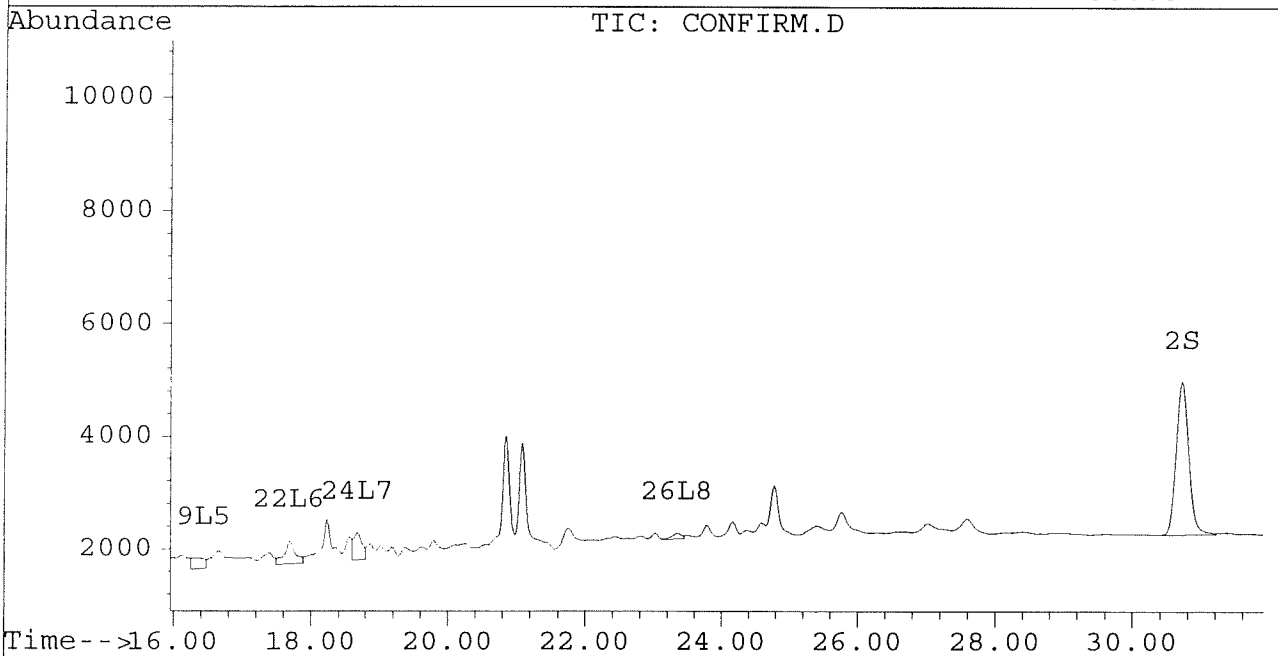
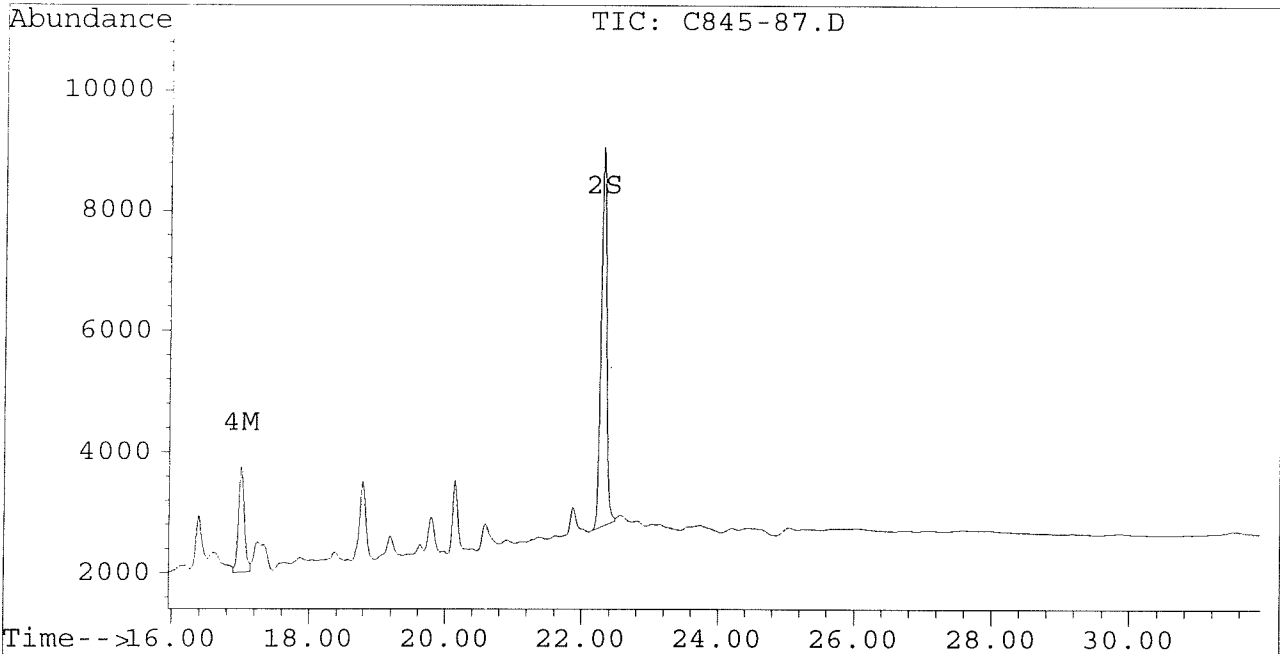
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-87.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-87.D\CONFIRM.D  
Acq On : 31 Aug 96 07:42 AM  
Sample : VHB/ DLACW01  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 8:15 1996

Vial: 64  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-88.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-88.D\CONFIRM.D  
 Acq On : 31 Aug 96 08:17 AM  
 Sample : VHB/DLACW03  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 8:51 1996

Vial: 65  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.10	6.53	10221	8161	0.043	0.043
			Recovery	=	107.50%	107.50%
2) S Decachlorobiphenyl	22.30	30.72	6992	3032	0.033	0.034
			Recovery	=	82.50%	85.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.30	11.81	26	437	0.000	0.005 #
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	694	0	0.004	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	9.01	0.00	104	0	0.006	N.D. #
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			104	0	0.006	N.D.
Average Aroclor-1016					0.006	0.000
8) L2 Aroclor-1221	5.09f	0.00	305	0	0.044	N.D. #
9) L2 Aroclor-1221 {2}	0.00	8.67	0	233	N.D.	0.048 #
10) L2 Aroclor-1221 {3}	5.69f	0.00	55	0	0.003	N.D. #
Total Aroclor-1221			360	233	0.046	0.048
Average Aroclor-1221					0.023	0.048
11) L3 Aroclor-1232	5.69f	0.00	55	0	0.003	N.D. #
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.62f	0.00	35	0	0.004	N.D. #
Total Aroclor-1232			91	0	0.007	N.D.
Average Aroclor-1232					0.004	0.000
14) L4 Aroclor-1242	8.30	11.72f	26	476	0.001	0.016 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	10.11	14.13	46	320	0.003	0.024 #
Total Aroclor-1242			71	796	0.003	0.040
Average Aroclor-1242					0.002	0.020
17) L5 Aroclor-1248	0.00	15.08	0	176	N.D.	0.008 #
18) L5 Aroclor-1248 {2}	10.11	15.32	46	506	0.002	0.022 #
19) L5 Aroclor-1248 {3}	11.43	16.34f	119	58	0.003	0.003
Total Aroclor-1248			165	740	0.005	0.033
Average Aroclor-1248					0.003	0.011

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-88.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-88.D\CONFIRM.D  
 Acq On : 31 Aug 96 08:17 AM  
 Sample : VHB/ DLACW03  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 8:51 1996

Vial: 65  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.07	15.58	65	131	0.002	0.005 #
21) L6 Aroclor-1254 {2}	13.47	0.00	85	0	0.002	N.D. #
22) L6 Aroclor-1254 {3}	15.87	17.68	151	263	0.005	0.007 #
Total Aroclor-1254			302	394	0.009	0.011
Average Aroclor-1254					0.003	0.006
23) L7 Aroclor-1260	13.97	0.00	54	0	0.002	N.D. #
24) L7 Aroclor-1260 {2}	0.00	18.67	0	238	N.D.	0.007 #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			54	238	0.002	0.007
Average Aroclor-1260					0.002	0.007
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.51	0	72	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	28.13f	0	128	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

*h*

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

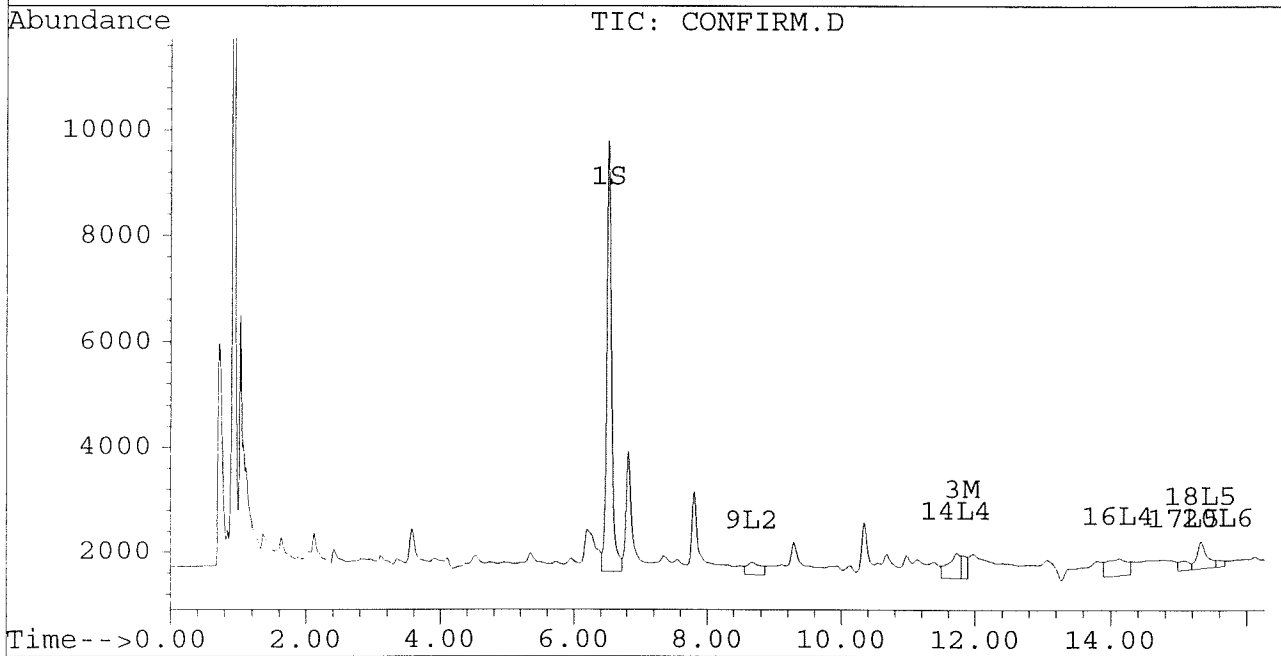
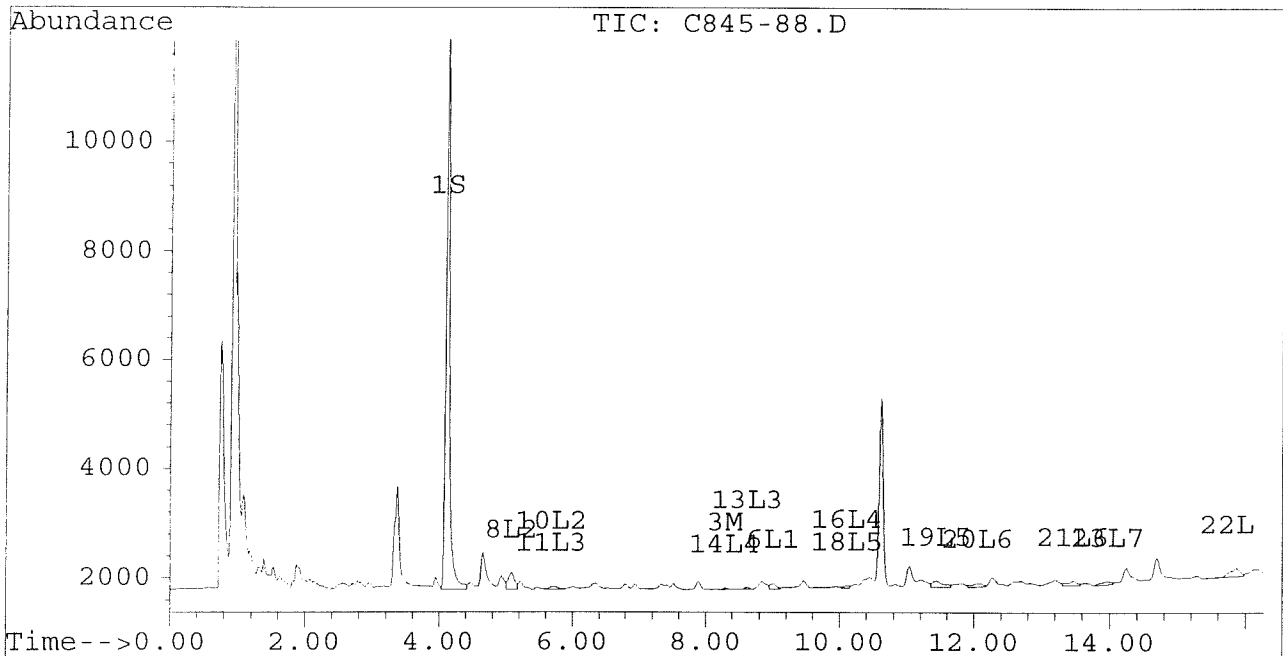
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-88.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-88.D\CONFIRM.D  
Acq On : 31 Aug 96 08:17 AM  
Sample : VHB/ DLACW03  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 8:51 1996

Vial: 65  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



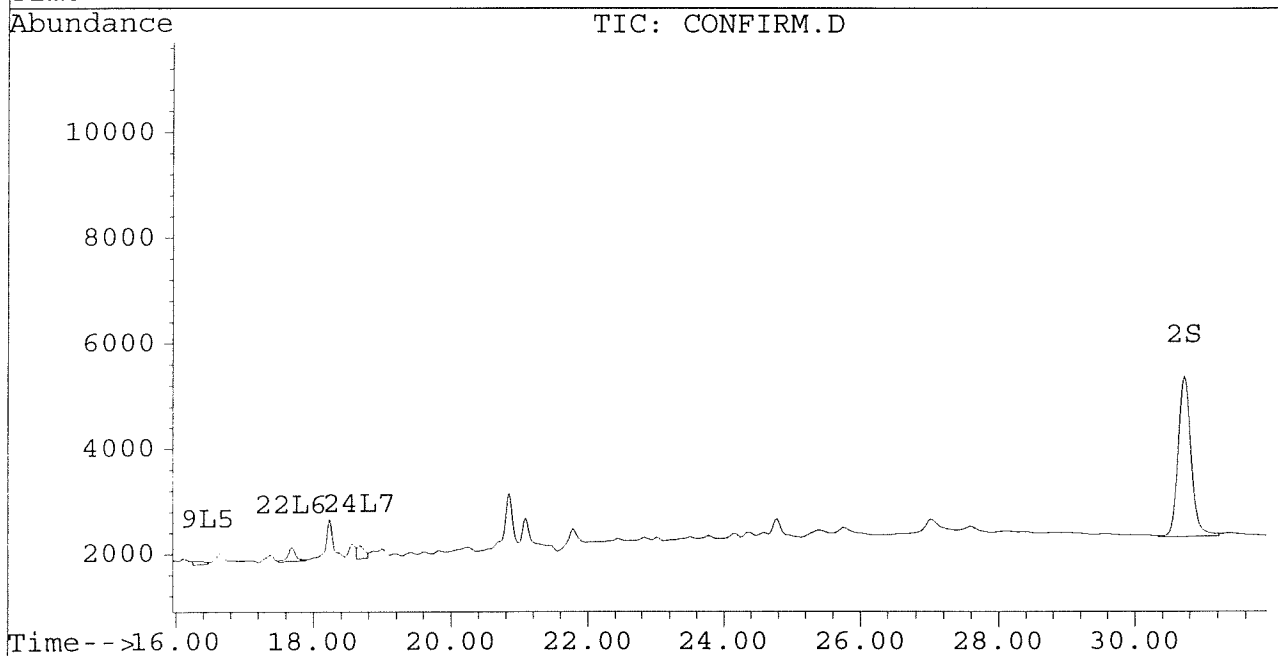
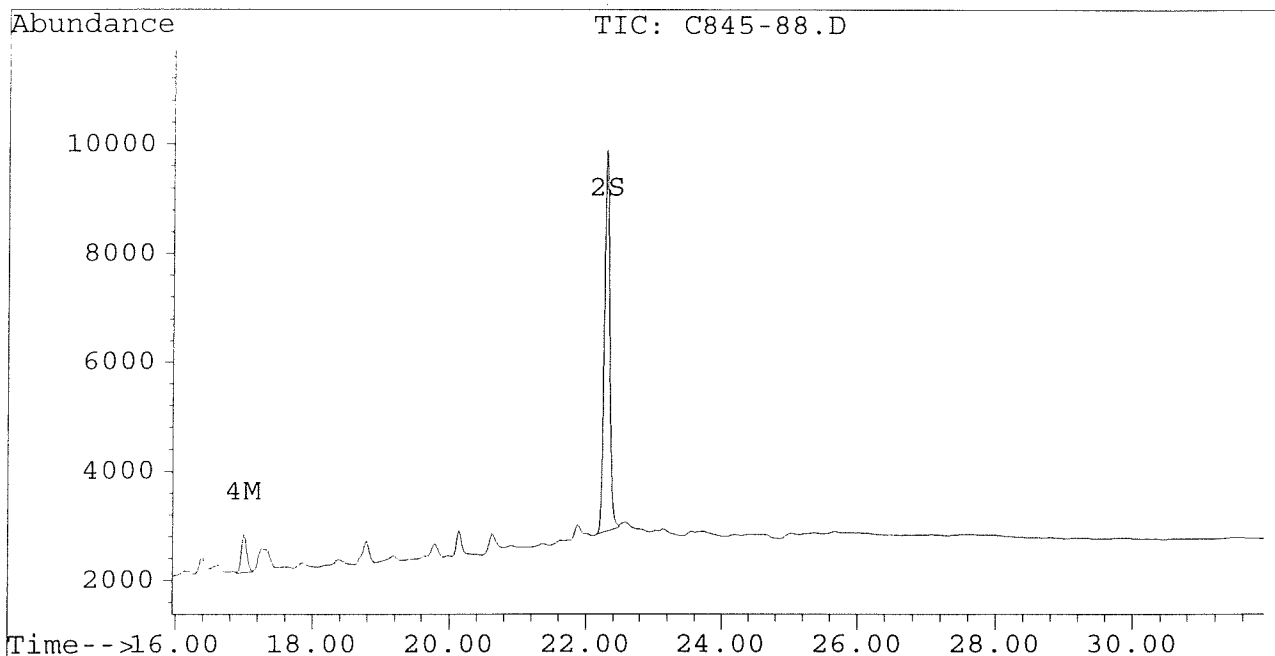
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-88.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-88.D\CONFIRM.D  
Acq On : 31 Aug 96 08:17 AM  
Sample : VHB/ DLACW03  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 8:51 1996

Vial: 65  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-89.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-89.D\CONFIRM.D  
 Acq On : 31 Aug 96 08:53 AM  
 Sample : VHB/ DLACW04  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 9:26 1996

Vial: 66  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	10028	7735	0.042	0.041
			Recovery	=	105.00%	102.50%
2) S Decachlorobiphenyl	22.30	30.72	6369	2747	0.030	0.031
			Recovery	=	75.00%	77.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.29	0.00	72	0	0.001	N.D. #
4) M 2,2',3,3',4,4'-Hexa	17.00	0.00	1203	0	0.006	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	9.01	0.00	110	0	0.006	N.D. #
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			110	0	0.006	N.D.
Average Aroclor-1016					0.006	0.000
8) L2 Aroclor-1221	5.10	0.00	164	0	0.023	N.D. #
9) L2 Aroclor-1221 {2}	0.00	8.67	0	75	N.D.	0.015 #
10) L2 Aroclor-1221 {3}	5.69f	0.00	103	0	0.005	N.D. #
Total Aroclor-1221			268	75	0.029	0.015
Average Aroclor-1221					0.014	0.015
11) L3 Aroclor-1232	5.69f	0.00	103	0	0.006	N.D. #
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.64	0.00	24	0	0.003	N.D. #
Total Aroclor-1232			127	0	0.009	N.D.
Average Aroclor-1232					0.004	0.000
14) L4 Aroclor-1242	8.29	11.73f	72	400	0.002	0.013 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	10.12	14.13	71	357	0.004	0.027 #
Total Aroclor-1242			143	757	0.006	0.040
Average Aroclor-1242					0.003	0.020
17) L5 Aroclor-1248	0.00	15.08	0	254	N.D.	0.011 #
18) L5 Aroclor-1248 {2}	10.12	15.32	71	443	0.003	0.019 #
19) L5 Aroclor-1248 {3}	11.43	16.31	161	183	0.005	0.010 #
Total Aroclor-1248			232	881	0.007	0.041
Average Aroclor-1248					0.004	0.014
-----						



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-89.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-89.D\CONFIRM.D  
 Acq On : 31 Aug 96 08:53 AM  
 Sample : VHB/ DLACW04  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 9:26 1996

Vial: 66  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.06	15.59	103	231	0.003	0.009 #
21) L6 Aroclor-1254 {2}	13.48	15.85	122	226	0.003	0.008 #
22) L6 Aroclor-1254 {3}	15.87	17.69	249	467	0.008	0.012 #
Total Aroclor-1254			475	924	0.014	0.028
Average Aroclor-1254					0.005	0.009
23) L7 Aroclor-1260	13.98	0.00	67	0	0.002	N.D. #
24) L7 Aroclor-1260 {2}	0.00	18.67	0	433	N.D.	0.012 #
25) L7 Aroclor-1260 {3}	18.01f	22.07	91	26	0.002	0.000 #
Total Aroclor-1260			158	460	0.003	0.013
Average Aroclor-1260					0.002	0.006
26) L8 Aroclor-1268	0.00	23.34f	0	89	N.D.	0.021 #
27) L8 Aroclor-1268 {2}	0.00	23.51	0	50	N.D.	NoCal
28) L8 Aroclor-1268 {3}	21.87f	28.13	410	116	NoCal	NoCal
Total Aroclor-1268			0	89	N.D.	0.021
Average Aroclor-1268					0.000	0.021

LC

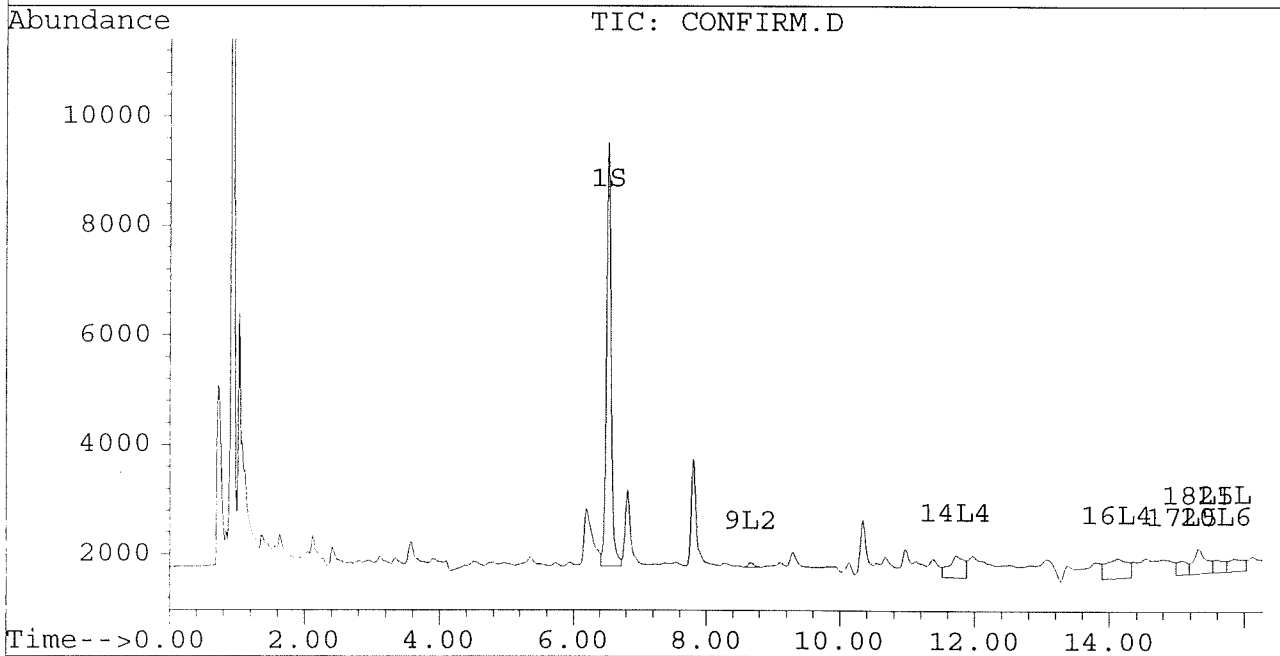
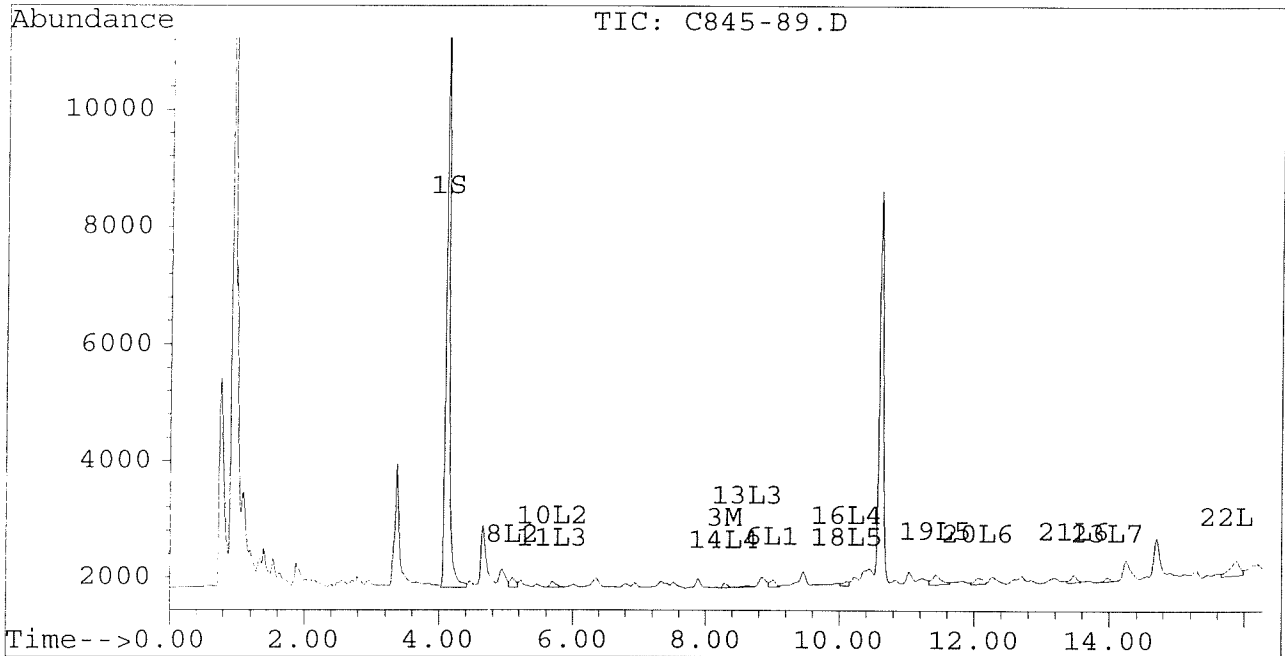
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-89.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-89.D\CONFIRM.D  
Acq On : 31 Aug 96 08:53 AM  
Sample : VHB/ DLACW04  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 9:26 1996

Vial: 66  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

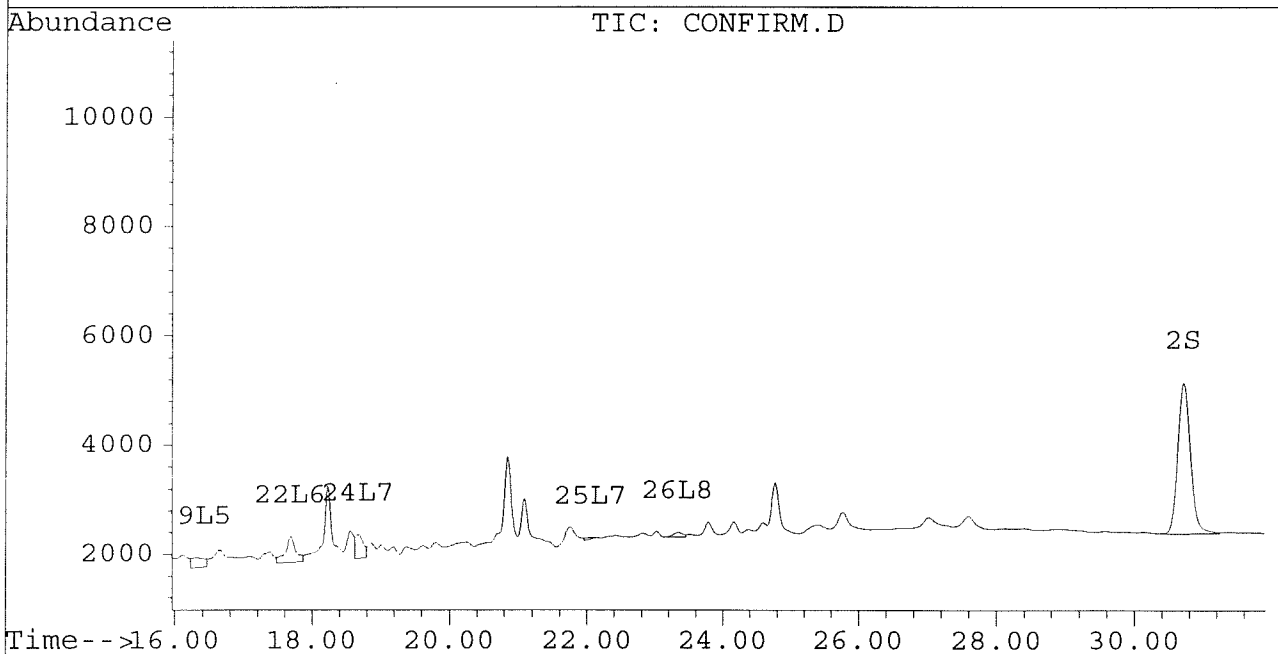
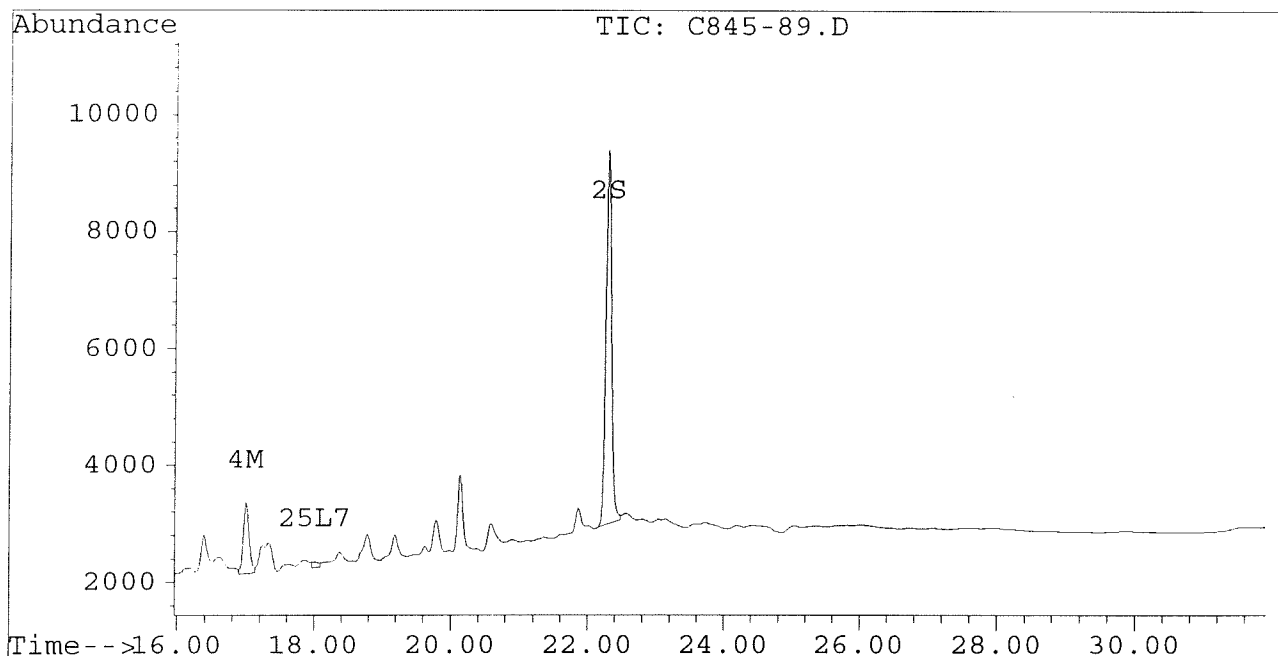
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Signal #2 : D:\HPCHEM\5\AU29\C845-89.D\CONFIRM.D  
Acq On : 31 Aug 96 08:53 AM  
Sample : VHB/ DLACW04  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 9:26 1996

Vial: 66

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-90.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-90.D\CONFIRM.D  
 Acq On : 31 Aug 96 09:28 AM  
 Sample : VHB/ DLACW05  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 10:02 1996

Vial: 67  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	8213	6957	0.034	0.036
			Recovery	=	<del>85.00%</del>	90.00%
2) S Decachlorobiphenyl	22.30	30.71	5389	2342	0.025	0.026
			Recovery	=	<del>62.50%</del>	65.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.31	0.00	75	0	0.001	N.D. #
4) M 2,2',3,3',4,4'-Hexa	17.00	21.72	1076	214	0.006	0.001 #
5) L1 Aroclor-1016	0.00	8.90	0	174	N.D.	0.013 #
6) L1 Aroclor-1016 {2}	9.01	0.00	84	0	0.005	N.D. #
7) L1 Aroclor-1016 {3}	9.34f	0.00	72	0	0.003	N.D. #
Total Aroclor-1016			155	174	0.008	0.013
Average Aroclor-1016					0.004	0.013
8) L2 Aroclor-1221	5.09f	0.00	222	0	0.032	N.D. #
9) L2 Aroclor-1221 {2}	0.00	8.67	0	222	N.D.	0.045 #
10) L2 Aroclor-1221 {3}	5.70	8.90	54	174	0.003	0.011 #
Total Aroclor-1221			276	395	0.034	0.057
Average Aroclor-1221					0.017	0.028
11) L3 Aroclor-1232	5.70	8.90	54	174	0.003	0.012 #
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.63f	0.00	52	0	0.006	N.D. #
Total Aroclor-1232			106	174	0.009	0.012
Average Aroclor-1232					0.005	0.012
14) L4 Aroclor-1242	8.31	11.72f	75	356	0.002	0.012 #
15) L4 Aroclor-1242 {2}	9.34f	0.00	72	0	0.004	N.D. #
16) L4 Aroclor-1242 {3}	10.12	14.13	56	339	0.003	0.025 #
Total Aroclor-1242			202	695	0.009	0.037
Average Aroclor-1242					0.003	0.019
17) L5 Aroclor-1248	9.34	15.09	72	248	0.002	0.011 #
18) L5 Aroclor-1248 {2}	10.12	15.32	56	436	0.002	0.019 #
19) L5 Aroclor-1248 {3}	11.43	0.00	208	0	0.006	N.D. #
Total Aroclor-1248			336	684	0.010	0.030
Average Aroclor-1248					0.003	0.015

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-90.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-90.D\CONFIRM.D  
 Acq On : 31 Aug 96 09:28 AM  
 Sample : VHB/ DLACW05  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 10:02 1996

Vial: 67  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.05	15.59	142	210	0.005	0.008 #
21) L6 Aroclor-1254 {2}	13.48	15.85	189	247	0.004	0.008 #
22) L6 Aroclor-1254 {3}	15.87	17.69	291	491	0.009	0.012 #
Total Aroclor-1254			622	948	0.018	0.029
Average Aroclor-1254					0.006	0.010
23) L7 Aroclor-1260	13.98	0.00	115	0	0.003	N.D. #
24) L7 Aroclor-1260 {2}	0.00	18.66	0	411	N.D.	0.011 #
25) L7 Aroclor-1260 {3}	18.02f	22.07	96	25	0.002	0.000 #
Total Aroclor-1260			211	436	0.005	0.012
Average Aroclor-1260					0.002	0.006
26) L8 Aroclor-1268	0.00	23.34f	0	47	N.D.	0.011 #
27) L8 Aroclor-1268 {2}	0.00	23.52	0	62	N.D.	NoCal
28) L8 Aroclor-1268 {3}	21.87f	28.14f	371	131	NoCal	NoCal
Total Aroclor-1268			0	47	N.D.	0.011
Average Aroclor-1268					0.000	0.011

*h*

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-90.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-90.D\CONFIRM.D  
Acq On : 31 Aug 96 09:28 AM  
Sample : VHB/ DLACW05  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 10:02 1996

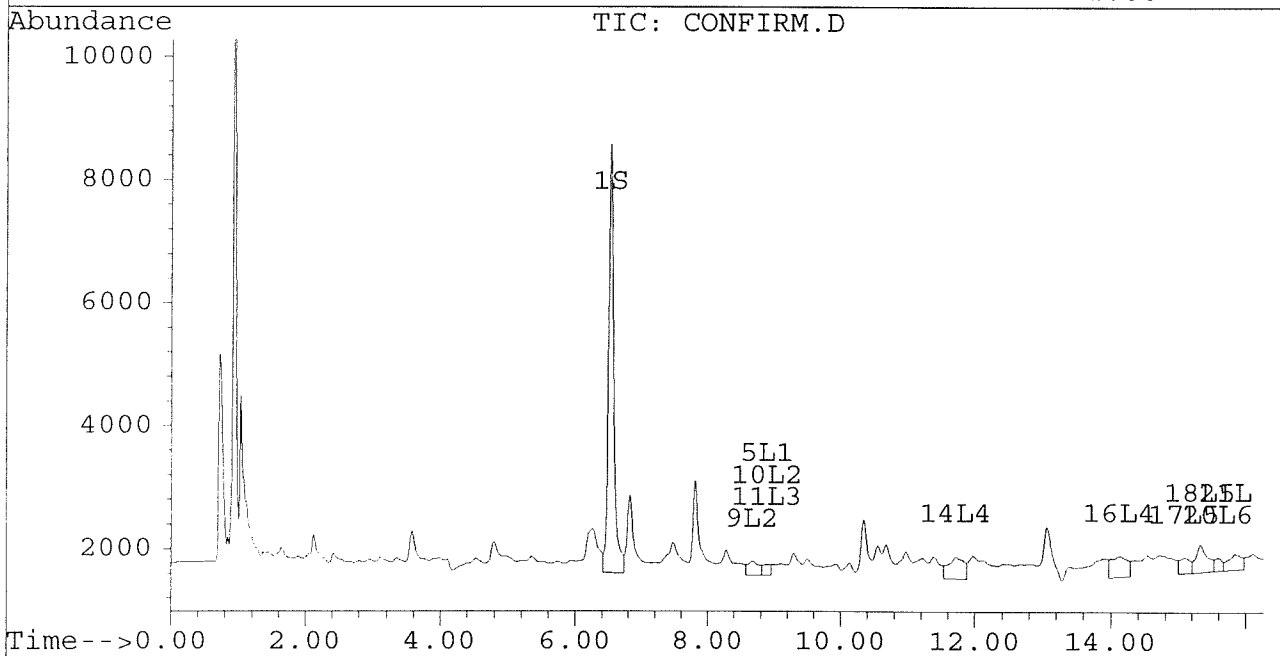
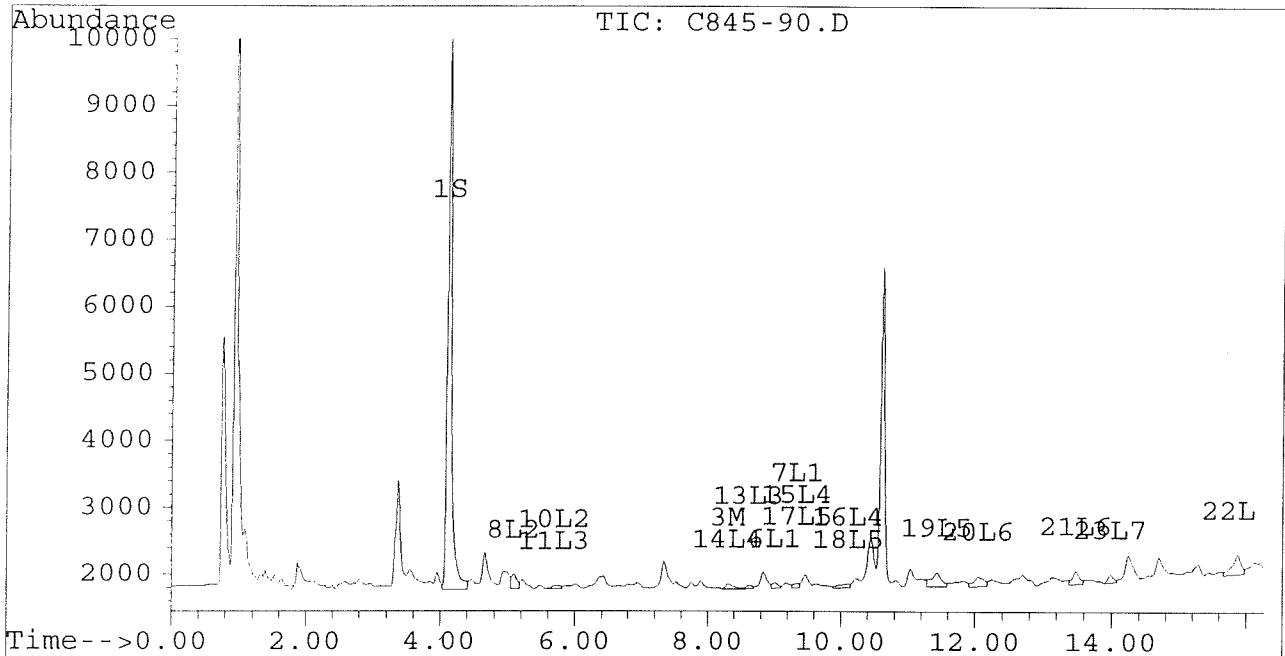
Vial: 67

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

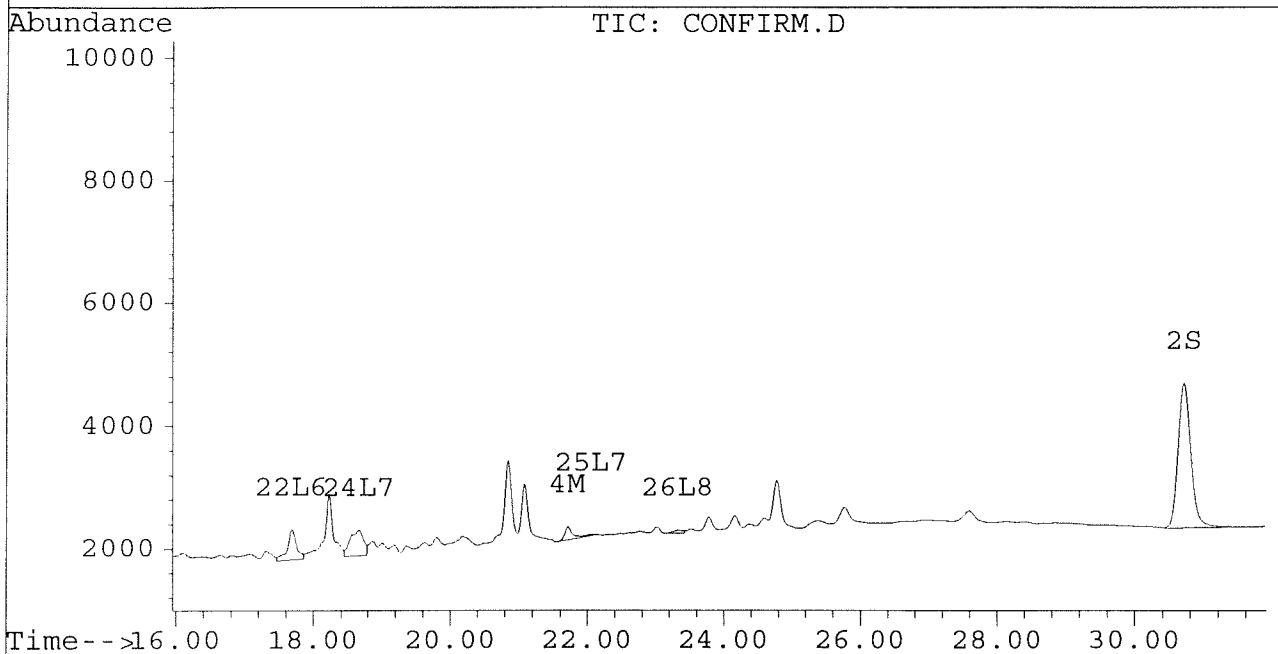
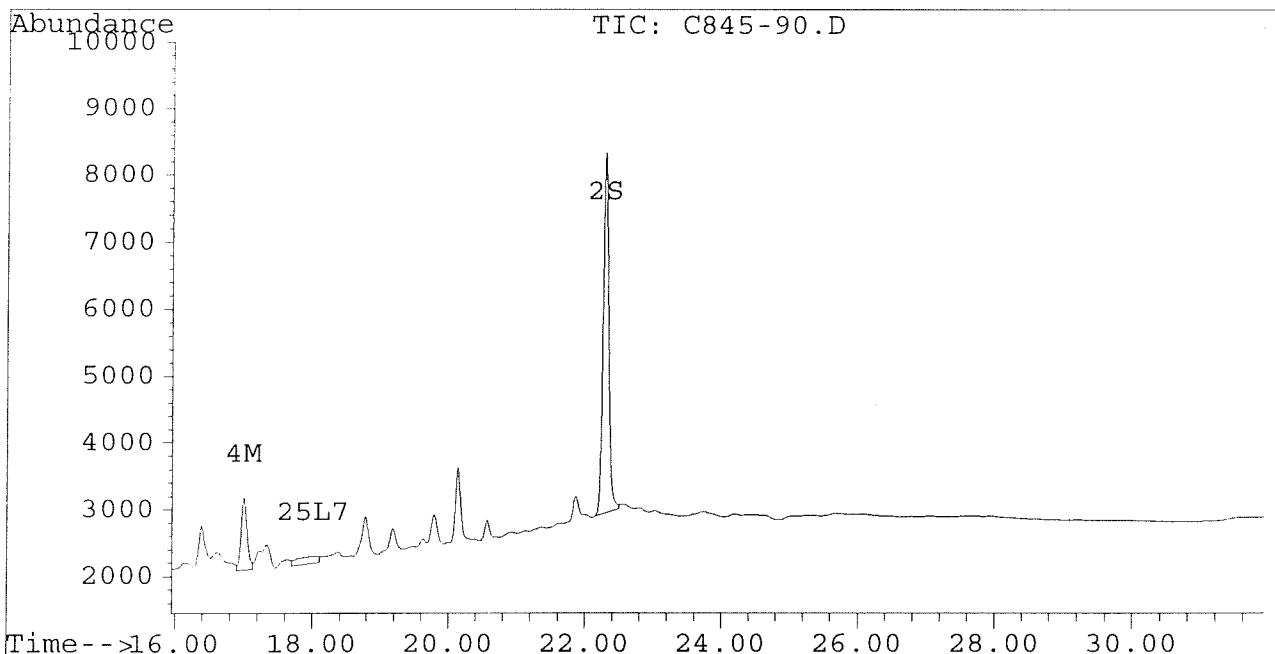
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Signal #2 : D:\HPCHEM\5\AU29\C845-90.D\CONFIRM.D  
Acq On : 31 Aug 96 09:28 AM  
Sample : VHB/ DLACW05  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 10:02 1996

Vial: 67

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-91.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-91.D\CONFIRM.D  
 Acq On : 31 Aug 96 10:04 AM  
 Sample : VHB/ DLACW07  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 10:38 1996

Vial: 68  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	8434	7292	0.035	0.038
			Recovery	=	87.50%	95.00%
2) S Decachlorobiphenyl	22.29	30.71	5672	2449	0.027	0.028
			Recovery	=	67.50%	70.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	0.00	110	0	0.001	N.D. #
4) M 2,2',3,3',4,4'-Hexa	17.00	21.72	1276	234	0.007	0.001 #
5) L1 Aroclor-1016	6.81f	8.91	94	183	0.003	0.014 #
6) L1 Aroclor-1016 {2}	9.01	0.00	115	0	0.007	N.D. #
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			209	183	0.009	0.014
Average Aroclor-1016					0.005	0.014
8) L2 Aroclor-1221	5.10	0.00	198	0	0.028	N.D. #
9) L2 Aroclor-1221 {2}	0.00	8.67	0	224	N.D.	0.046 #
10) L2 Aroclor-1221 {3}	5.70	8.91	97	183	0.005	0.012 #
Total Aroclor-1221			295	408	0.033	0.058
Average Aroclor-1221					0.016	0.029
11) L3 Aroclor-1232	5.70	8.91	97	183	0.005	0.013 #
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.65	0.00	29	0	0.004	N.D. #
Total Aroclor-1232			126	183	0.009	0.013
Average Aroclor-1232					0.004	0.013
14) L4 Aroclor-1242	8.28	11.73f	110	487	0.003	0.016 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	10.12	14.13	94	356	0.006	0.027 #
Total Aroclor-1242			204	842	0.008	0.043
Average Aroclor-1242					0.004	0.022
17) L5 Aroclor-1248	0.00	15.09	0	268	N.D.	0.012 #
18) L5 Aroclor-1248 {2}	10.12	15.31	94	318	0.003	0.014 #
19) L5 Aroclor-1248 {3}	11.43	16.31	180	190	0.005	0.011 #
Total Aroclor-1248			274	776	0.009	0.036
Average Aroclor-1248					0.004	0.012

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 C845-91.D PCB1G.M Sat Aug 31 10:38:25 1996 HPPC



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-91.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-91.D\CONFIRM.D  
 Acq On : 31 Aug 96 10:04 AM  
 Sample : VHB/ DLACW07  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 10:38 1996

Vial: 68  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase : DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.06	15.59	126	248	0.004	0.009 #
21) L6 Aroclor-1254 {2}	13.48	15.84	220	268	0.005	0.009 #
22) L6 Aroclor-1254 {3}	15.87	17.69	374	720	0.012	0.018 #
Total Aroclor-1254			720	1236	0.021	0.036
Average Aroclor-1254					0.007	0.012
23) L7 Aroclor-1260	13.98	0.00	129	0	0.004	N.D. #
24) L7 Aroclor-1260 {2}	0.00	18.66	0	465	N.D.	0.013 #
25) L7 Aroclor-1260 {3}	18.01f	22.05	136	60	0.002	0.001 #
Total Aroclor-1260			265	525	0.006	0.014
Average Aroclor-1260					0.003	0.007
26) L8 Aroclor-1268	0.00	23.33	0	70	N.D.	0.016 #
27) L8 Aroclor-1268 {2}	0.00	23.53	0	37	N.D.	NoCal
28) L8 Aroclor-1268 {3}	21.86f	28.14f	348	80	NoCal	NoCal
Total Aroclor-1268			0	70	N.D.	0.016
Average Aroclor-1268					0.000	0.016

*KL*

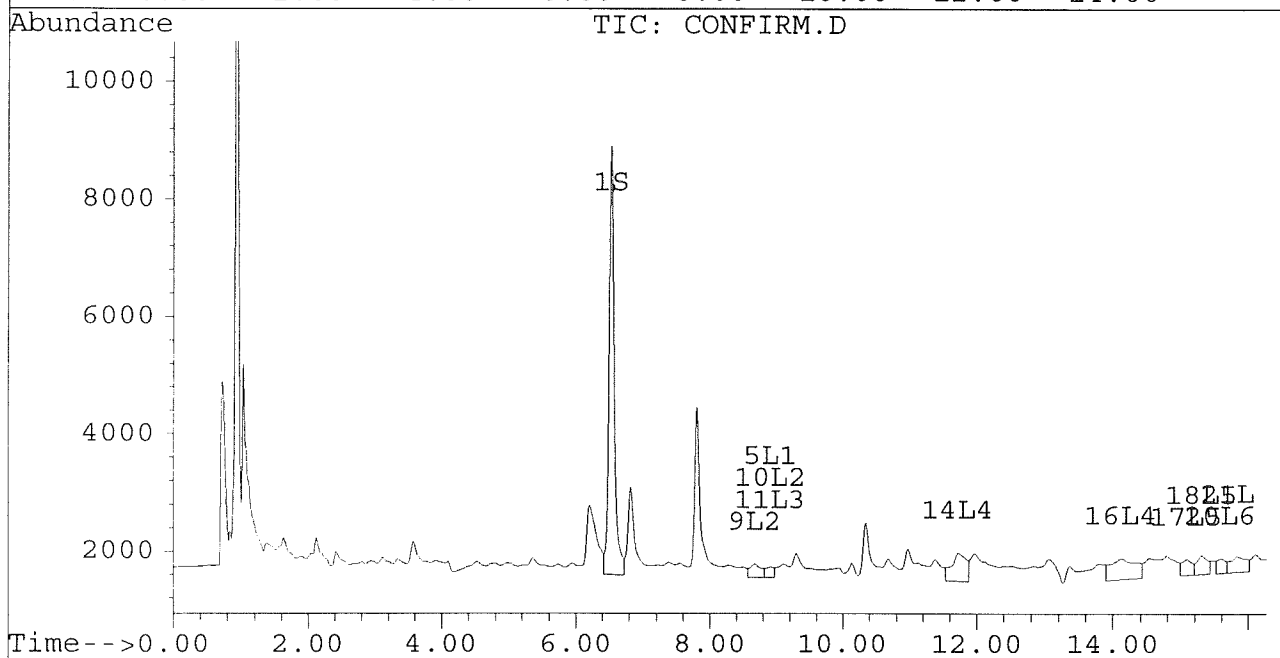
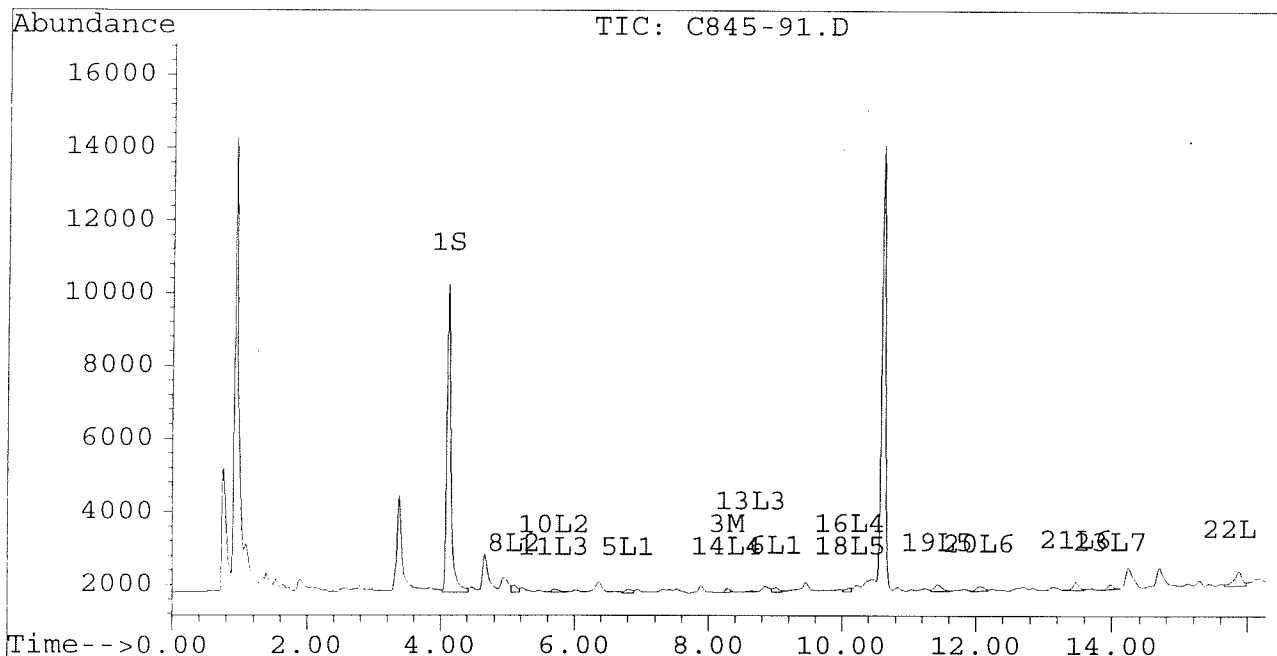
Quantitation Report

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 Signal #2 : D:\HPCHEM\5\AU29\C845-91.D\CONFIRM.D  
 Acq On : 31 Aug 96 10:04 AM  
 Sample : VHB/ DLACW07  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 10:38 1996

Vial: 68  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM



Quantitation Report

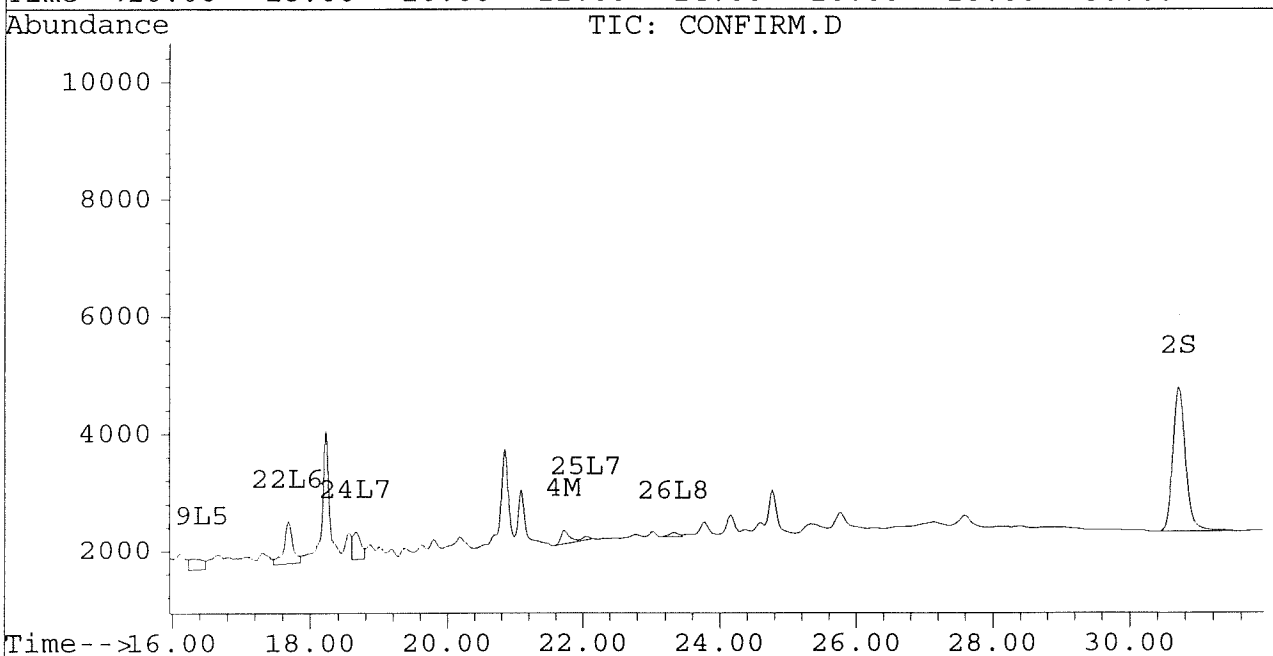
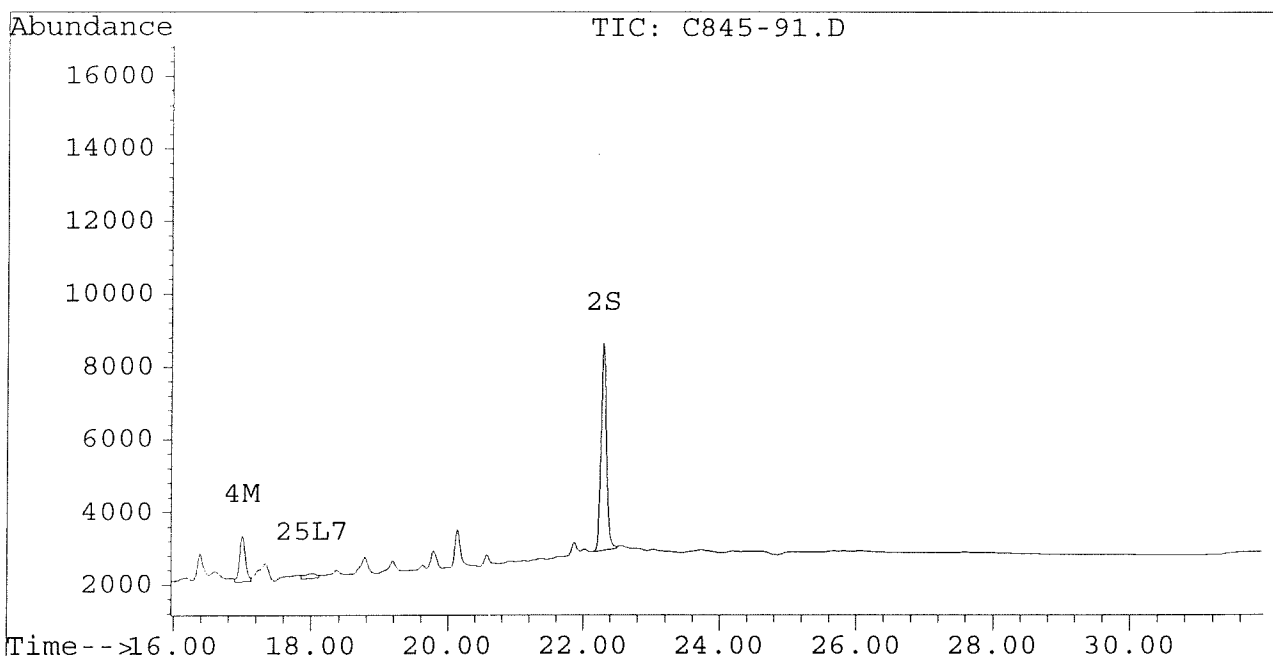
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Signal #2 : D:\HPCHEM\5\AU29\C845-91.D\CONFIRM.D  
Acq On : 31 Aug 96 10:04 AM  
Sample : VHB/ DLACW07  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 10:38 1996

Vial: 68

Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-92.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-92.D\CONFIRM.D  
 Acq On : 31 Aug 96 10:40 AM  
 Sample : VHB/ DLACW08  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 11:13 1996

Vial: 69  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
-----						
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	8321	7297	0.035	0.038
			Recovery	=	87.50%	95.00%
2) S Decachlorobiphenyl	22.29	30.71	5563	2417	0.026	0.027
			Recovery	=	65.00%	67.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	0.00	109	0	0.001	N.D. #
4) M 2,2',3,3',4,4'-Hexa	17.00	21.72	1341	244	0.007	0.002 #
5) L1 Aroclor-1016	0.00	8.92	0	178	N.D.	0.013 #
6) L1 Aroclor-1016 {2}	9.01	0.00	112	0	0.006	N.D. #
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			112	178	0.006	0.013
Average Aroclor-1016					0.006	0.013
8) L2 Aroclor-1221	5.10	0.00	163	0	0.023	N.D. #
9) L2 Aroclor-1221 {2}	0.00	8.67	0	232	N.D.	0.048 #
10) L2 Aroclor-1221 {3}	5.71	8.92	58	178	0.003	0.012 #
Total Aroclor-1221			221	411	0.026	0.059
Average Aroclor-1221					0.013	0.030
11) L3 Aroclor-1232	5.71	8.92	58	178	0.003	0.012 #
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.64	0.00	36	0	0.004	N.D. #
Total Aroclor-1232			94	178	0.008	0.012
Average Aroclor-1232					0.004	0.012
14) L4 Aroclor-1242	8.28	11.73f	109	475	0.003	0.016 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	14.13	0	365	N.D.	0.027 #
Total Aroclor-1242			109	840	0.003	0.043
Average Aroclor-1242					0.003	0.022
17) L5 Aroclor-1248	0.00	15.09	0	270	N.D.	0.012 #
18) L5 Aroclor-1248 {2}	0.00	15.31	0	293	N.D.	0.013 #
19) L5 Aroclor-1248 {3}	11.43	16.31	169	183	0.005	0.010 #
Total Aroclor-1248			169	746	0.005	0.035
Average Aroclor-1248					0.005	0.012

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 C845-92.D PCB1G.M Sat Aug 31 11:14:00 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-92.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-92.D\CONFIRM.D  
 Acq On : 31 Aug 96 10:40 AM  
 Sample : VHB/ DLACW08  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 11:13 1996

Vial: 69  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.06	15.59	113	234	0.004	0.009 #
21) L6 Aroclor-1254 {2}	13.48	15.84	173	244	0.004	0.008 #
22) L6 Aroclor-1254 {3}	15.87	17.69	419	410	0.013	0.010
Total Aroclor-1254			705	889	0.021	0.027
Average Aroclor-1254					0.007	0.009
23) L7 Aroclor-1260	13.98	18.35	112	261	0.003	0.008 #
24) L7 Aroclor-1260 {2}	0.00	18.67	0	501	N.D.	0.014 #
25) L7 Aroclor-1260 {3}	17.98	22.06	184	68	0.003	0.001 #
Total Aroclor-1260			296	830	0.006	0.023
Average Aroclor-1260					0.003	0.008
26) L8 Aroclor-1268	0.00	23.33	0	80	N.D.	0.019 #
27) L8 Aroclor-1268 {2}	0.00	23.53	0	49	N.D.	NoCal
28) L8 Aroclor-1268 {3}	21.86f	0.00	379	0	NoCal	N.D.
Total Aroclor-1268			0	80	N.D.	0.019
Average Aroclor-1268					0.000	0.019

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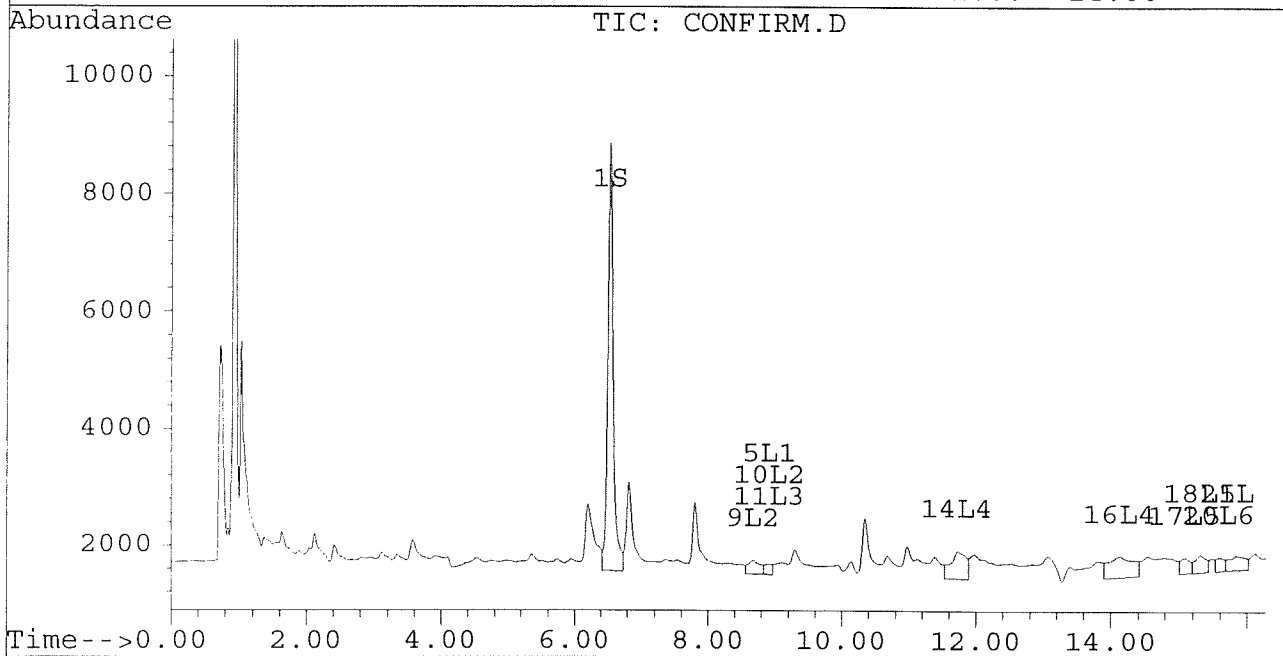
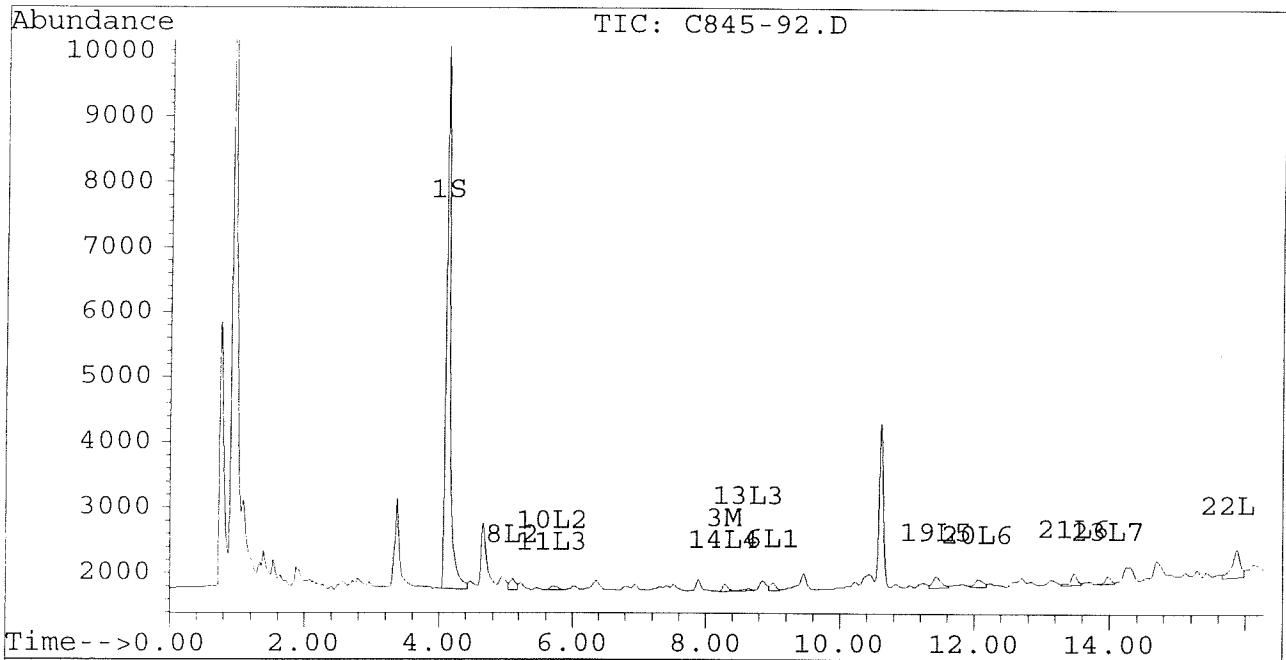
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-92.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-92.D\CONFIRM.D  
Acq On : 31 Aug 96 10:40 AM  
Sample : VHB/ DLACW08  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 11:13 1996

Vial: 69  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



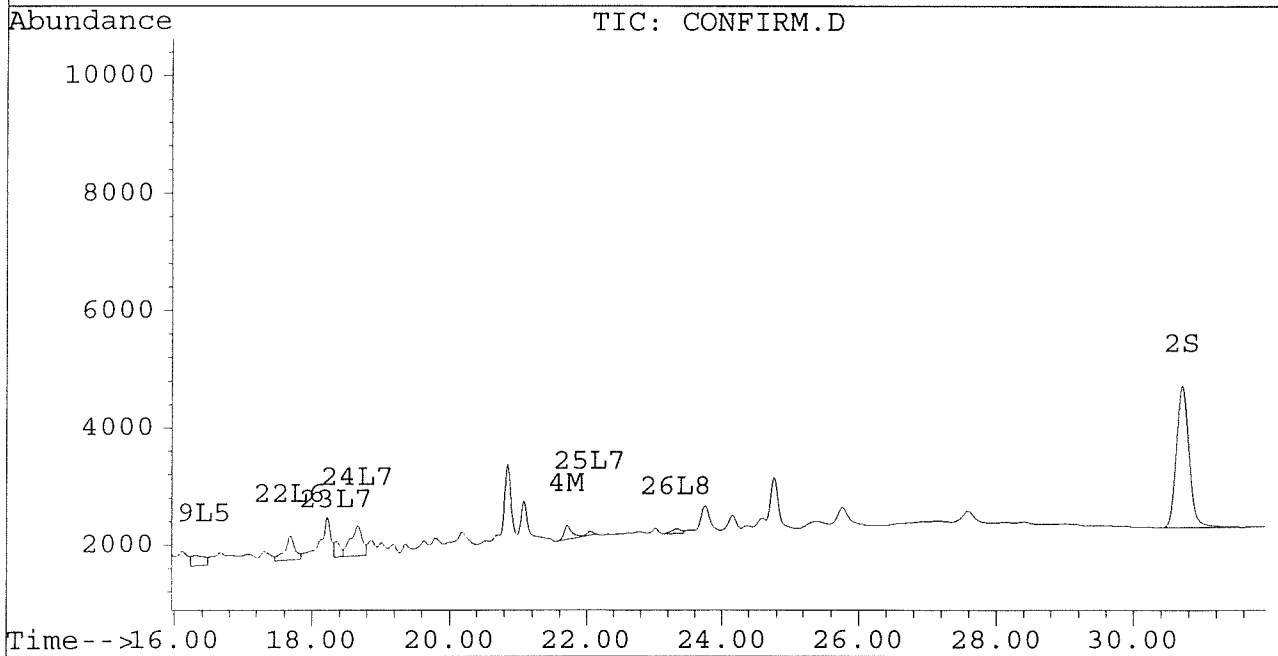
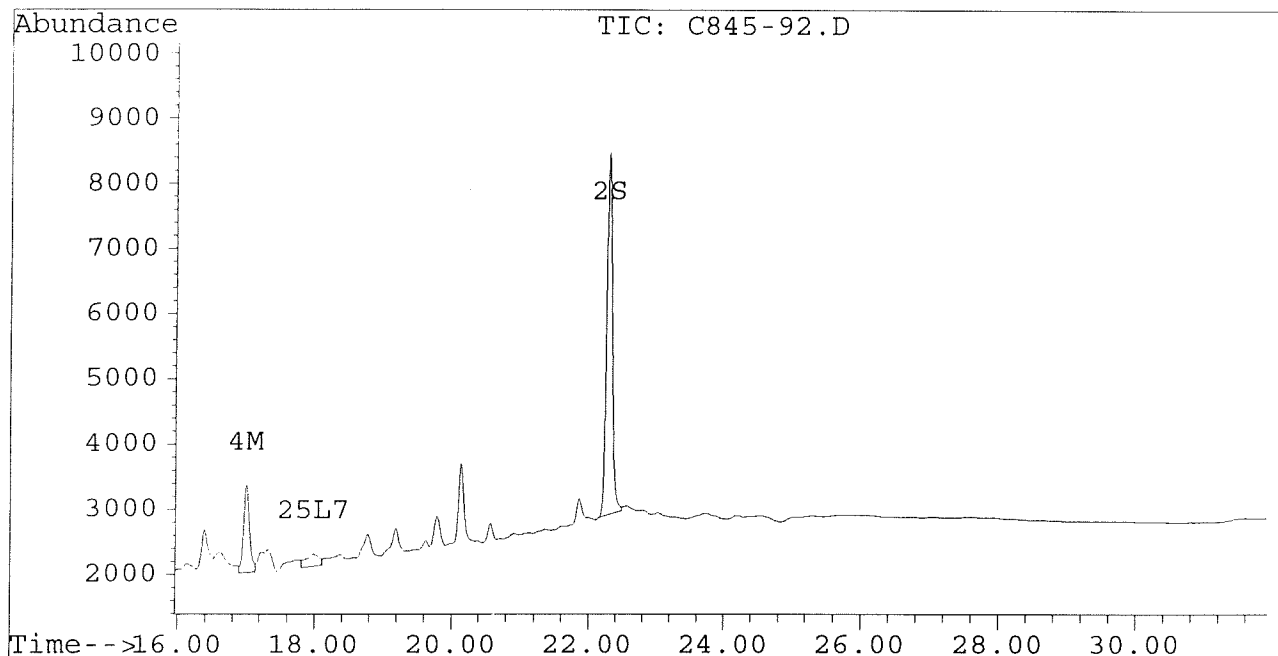
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-92.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-92.D\CONFIRM.D  
Acq On : 31 Aug 96 10:40 AM  
Sample : VHB/ DLACW08  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 11:13 1996

Vial: 69  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase : DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-93.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-93.D\CONFIRM.D  
 Acq On : 31 Aug 96 11:15 AM  
 Sample : VHB/ DLACW09  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 11:49 1996

Vial: 70  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	9919	8160	0.042	0.043
			Recovery	=	105.00%	107.50%
2) S Decachlorobiphenyl	22.29	30.71	6064	2688	<u>0.029</u>	0.030
			Recovery	=	<u>72.50%</u>	75.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	0.00	79	0	0.001	N.D. #
4) M 2,2',3,3',4,4'-Hexa	16.99	21.72	1871	275	0.010	0.002 #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	9.01	0.00	102	0	0.006	N.D. #
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			102	0	0.006	N.D.
Average Aroclor-1016					0.006	0.000
8) L2 Aroclor-1221	5.10f	0.00	170	0	0.024	N.D. #
9) L2 Aroclor-1221 {2}	0.00	8.67	0	231	N.D.	0.047 #
10) L2 Aroclor-1221 {3}	5.70	0.00	53	0	0.003	N.D. #
Total Aroclor-1221			224	231	0.027	0.047
Average Aroclor-1221					0.013	0.047
11) L3 Aroclor-1232	5.70	0.00	53	0	0.003	N.D. #
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.63f	0.00	20	0	0.002	N.D. #
Total Aroclor-1232			74	0	0.005	N.D.
Average Aroclor-1232					0.003	0.000
14) L4 Aroclor-1242	8.28	11.73	79	420	0.002	0.014 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	10.12	14.13	52	364	0.003	0.027 #
Total Aroclor-1242			130	784	0.005	0.041
Average Aroclor-1242					0.002	0.021
17) L5 Aroclor-1248	0.00	15.08	0	278	N.D.	0.012 #
18) L5 Aroclor-1248 {2}	10.12	15.31	52	292	0.002	0.013 #
19) L5 Aroclor-1248 {3}	11.43	16.31	179	192	0.005	0.011 #
Total Aroclor-1248			231	762	0.007	0.036
Average Aroclor-1248					0.004	0.012

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.  
 C845-93.D PCB1G.M Sat Aug 31 11:49:53 1996 HPPC



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-93.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-93.D\CONFIRM.D  
 Acq On : 31 Aug 96 11:15 AM  
 Sample : VHB/ DLACW09  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 11:49 1996

Vial: 70  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.05	15.59	147	255	0.005	0.009 #
21) L6 Aroclor-1254 {2}	13.48	15.84	231	290	0.005	0.010 #
22) L6 Aroclor-1254 {3}	15.87	17.69	487	629	0.015	0.016
Total Aroclor-1254			865	1174	0.025	0.035
Average Aroclor-1254					0.008	0.012
23) L7 Aroclor-1260	13.98	0.00	150	0	0.004	N.D. #
24) L7 Aroclor-1260 {2}	0.00	18.66	0	526	N.D.	0.015 #
25) L7 Aroclor-1260 {3}	17.98	22.06	207	71	0.004	0.001 #
Total Aroclor-1260			357	597	0.008	0.016
Average Aroclor-1260					0.004	0.008
26) L8 Aroclor-1268	0.00	23.33	0	82	N.D.	0.019 #
27) L8 Aroclor-1268 {2}	0.00	23.53	0	55	N.D.	NoCal
28) L8 Aroclor-1268 {3}	21.86f	28.15f	413	151	NoCal	NoCal
Total Aroclor-1268			0	82	N.D.	0.019
Average Aroclor-1268					0.000	0.019

*W*

Quantitation Report

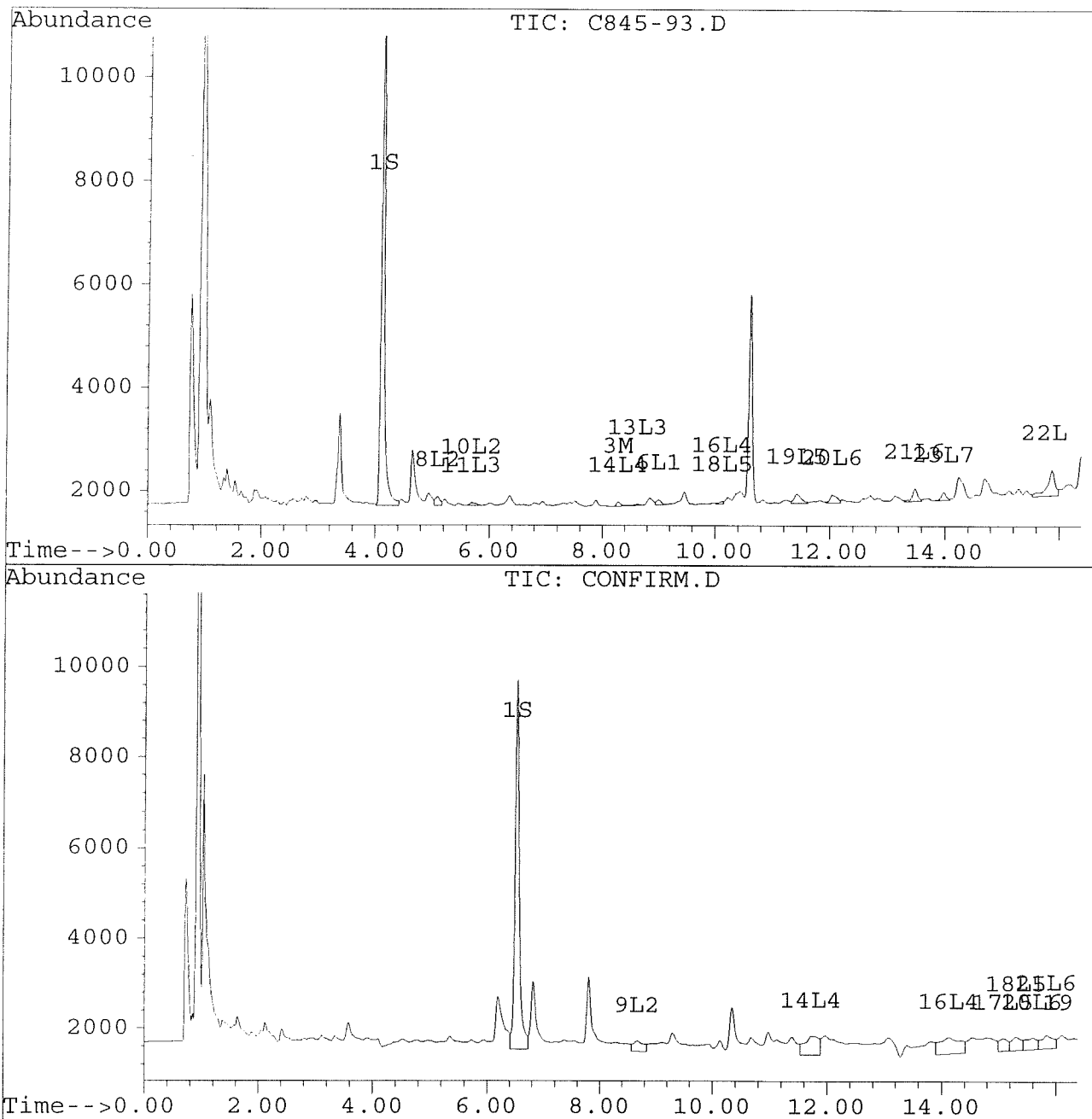
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Signal #2 : D:\HPCHEM\5\AU29\C845-93.D\CONFIRM.D  
Acq On : 31 Aug 96 11:15 AM  
Sample : VHB/ DLACW09  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 11:49 1996

Vial: 70  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



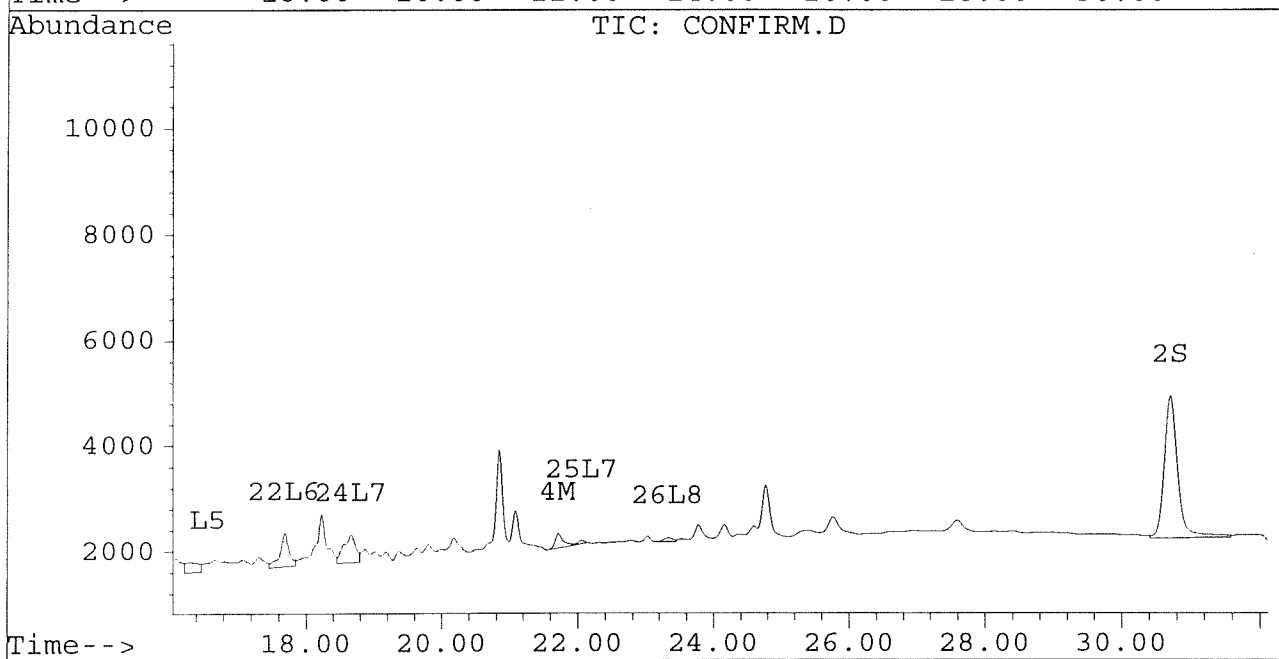
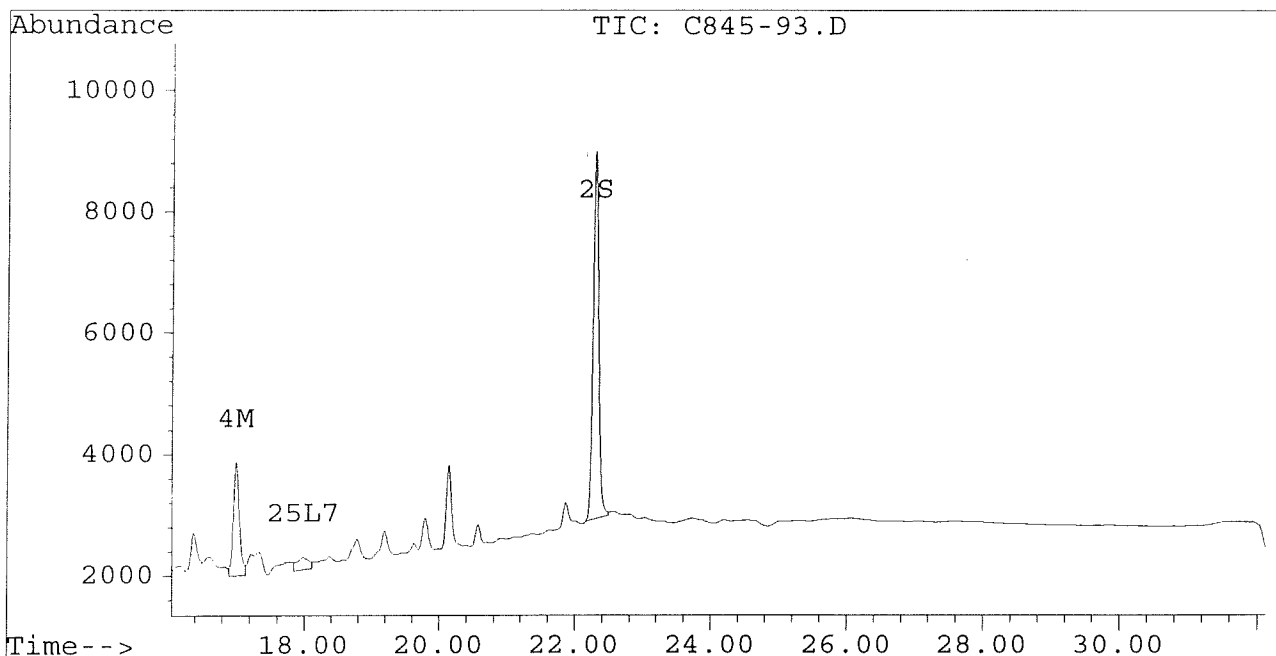
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-93.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-93.D\CONFIRM.D  
Acq On : 31 Aug 96 11:15 AM  
Sample : VHB/ DLACW09  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 11:49 1996

Vial: 70  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-94.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-94.D\CONFIRM.D  
 Acq On : 31 Aug 96 11:51 AM  
 Sample : VHB/ DLACWD01  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 12:25 1996

Vial: 71  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	9815	7985	0.041	0.042
			Recovery	=	<del>102.50%</del>	105.00%
2) S Decachlorobiphenyl	22.29	30.71	6209	2716	0.029	0.031
			Recovery	=	<del>72.50%</del>	77.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.28	11.78	66	59	0.001	0.001
4) M 2,2',3,3',4,4'-Hexa	17.00	21.72	50	26	0.000	0.000 #
5) L1 Aroclor-1016	6.86	0.00	19	0	0.001	N.D. #
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			19	0	0.001	N.D.
Average Aroclor-1016					0.001	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.77f	0.00	32	0	0.002	N.D. #
Total Aroclor-1221			32	0	0.002	N.D.
Average Aroclor-1221					0.002	0.000
11) L3 Aroclor-1232	5.77f	0.00	32	0	0.002	N.D. #
12) L3 Aroclor-1232 {2}	6.86	0.00	19	0	0.001	N.D. #
13) L3 Aroclor-1232 {3}	8.64f	0.00	36	0	0.004	N.D. #
Total Aroclor-1232			86	0	0.007	N.D.
Average Aroclor-1232					0.002	0.000
14) L4 Aroclor-1242	8.28	11.78	66	59	0.002	0.002
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	10.12	14.13	47	38	0.003	0.003
Total Aroclor-1242			113	97	0.004	0.005
Average Aroclor-1242					0.002	0.002
17) L5 Aroclor-1248	0.00	15.08	0	28	N.D.	0.001 #
18) L5 Aroclor-1248 {2}	10.12	15.30	47	25	0.002	0.001 #
19) L5 Aroclor-1248 {3}	11.43	16.30	58	24	0.002	0.001
Total Aroclor-1248			105	77	0.003	0.004
Average Aroclor-1248					0.002	0.001

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-94.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-94.D\CONFIRM.D  
 Acq On : 31 Aug 96 11:51 AM  
 Sample : VHB/ DLACWD01  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 12:25 1996

Vial: 71  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.06	15.60	45	37	0.001	0.001
21) L6 Aroclor-1254 {2}	13.48	15.84	72	35	0.002	0.001 #
22) L6 Aroclor-1254 {3}	15.86	17.70	45	105	0.001	0.003 #
Total Aroclor-1254			162	176	0.005	0.005
Average Aroclor-1254					0.002	0.002
23) L7 Aroclor-1260	13.98	0.00	35	0	0.001	N.D. #
24) L7 Aroclor-1260 {2}	14.76	18.64	43	61	0.001	0.002 #
25) L7 Aroclor-1260 {3}	17.98	22.07	42	27	0.001	0.001 #
Total Aroclor-1260			119	88	0.003	0.002
Average Aroclor-1260					0.001	0.001
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

*h*

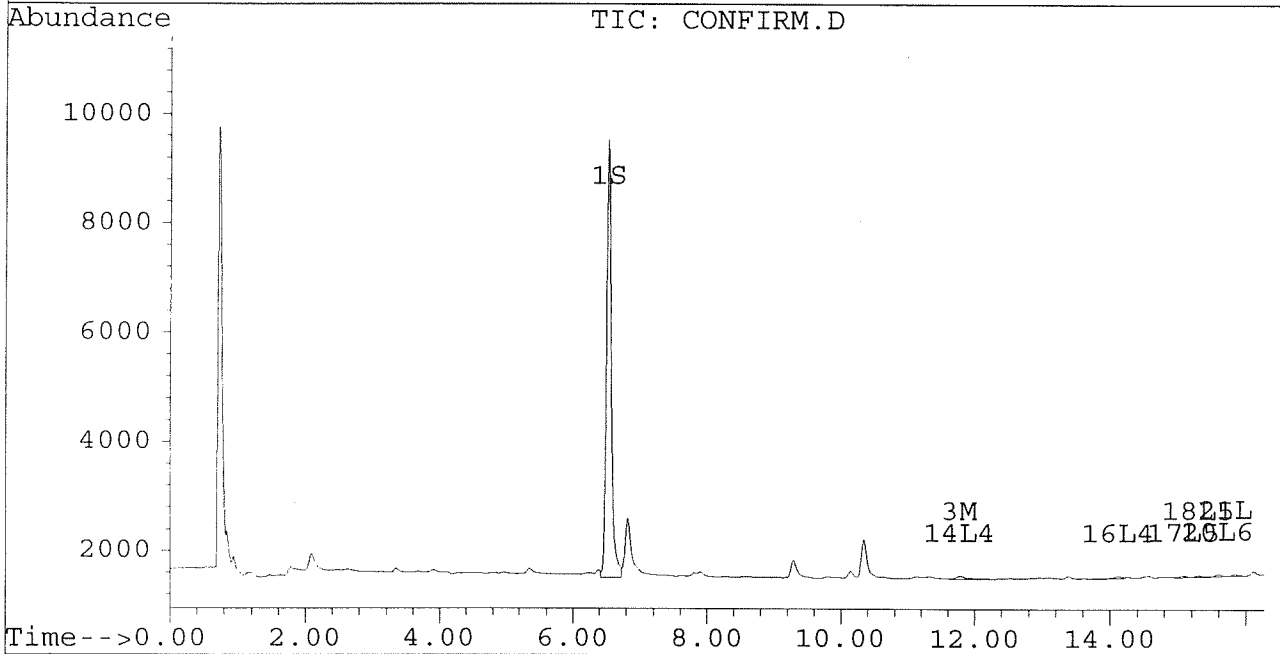
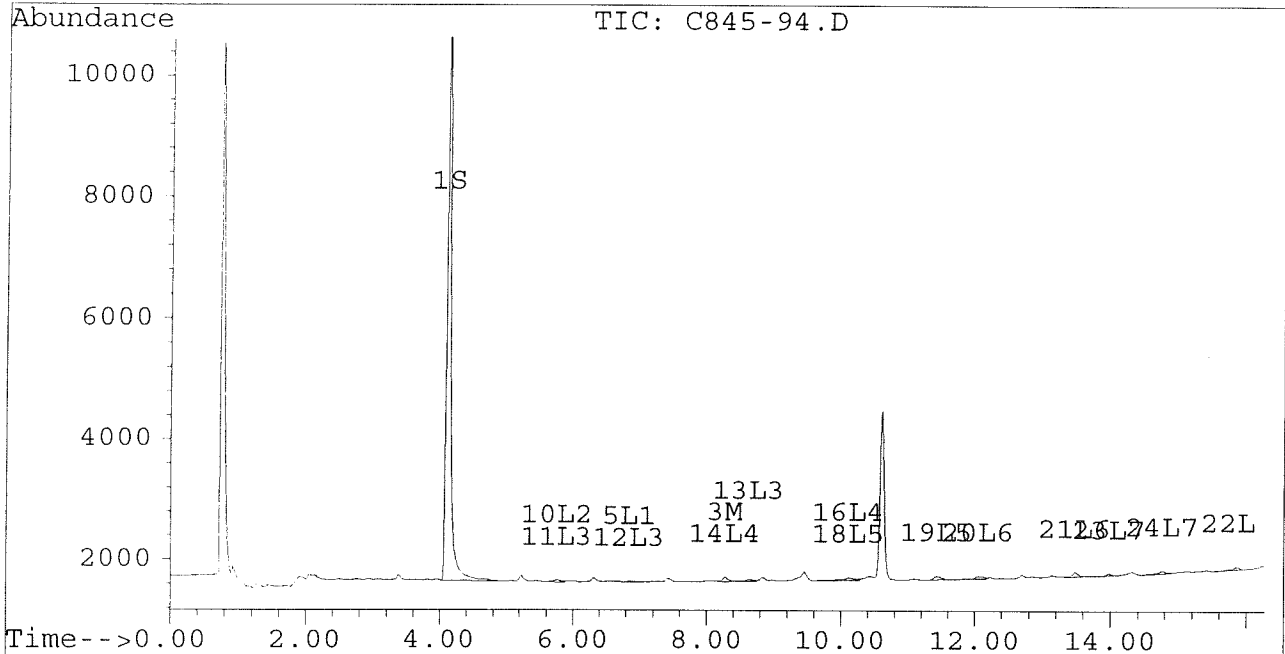
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-94.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-94.D\CONFIRM.D  
Acq On : 31 Aug 96 11:51 AM  
Sample : VHB/ DLACWD01  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 12:25 1996

Vial: 71  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



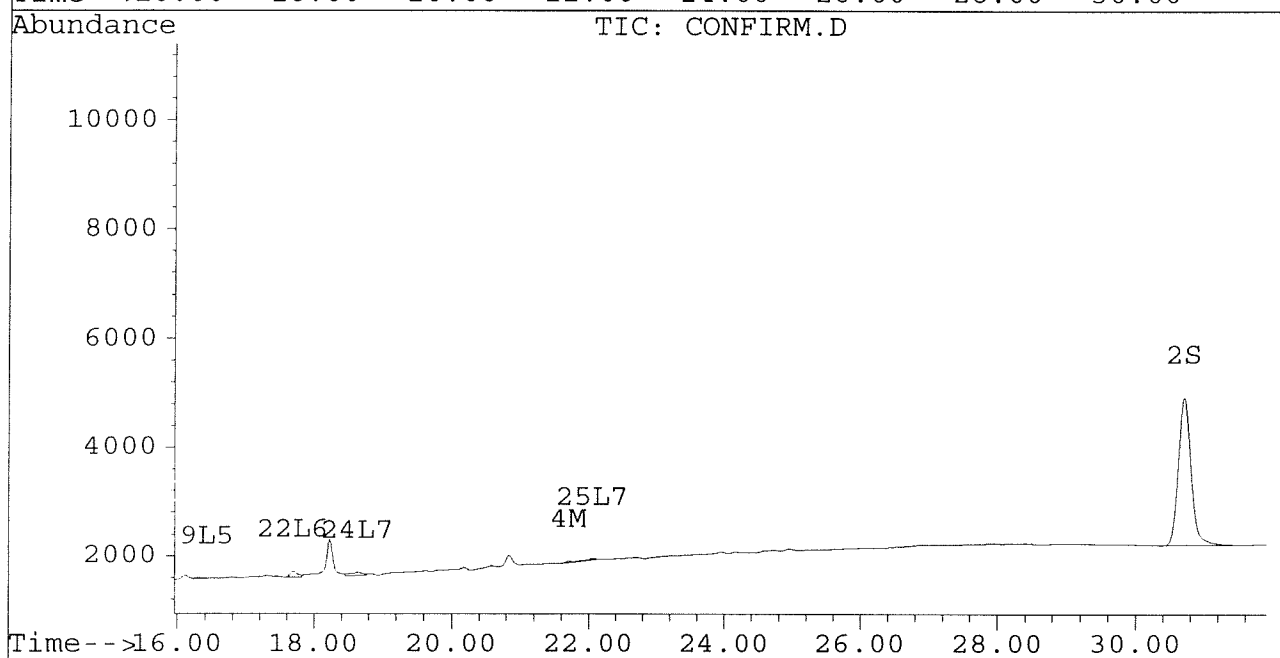
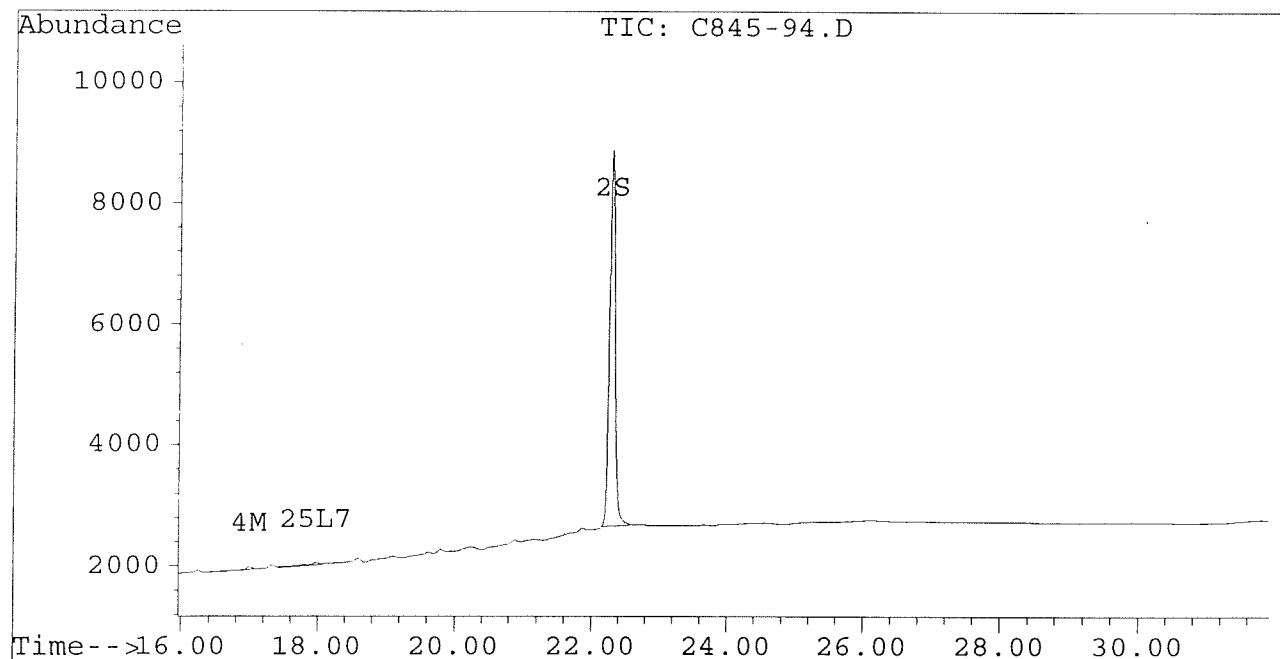
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-94.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-94.D\CONFIRM.D  
Acq On : 31 Aug 96 11:51 AM  
Sample : VHB/ DLACWD01  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 12:25 1996

Vial: 71  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-95.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-95.D\CONFIRM.D  
 Acq On : 31 Aug 96 12:26 PM  
 Sample : VHB/ DLACWSB  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 13:00 1996

Vial: 72  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	9151	7845	0.038	0.041
			Recovery	=	95.00%	102.50%
2) S Decachlorobiphenyl	22.29	30.71	6216	2733	0.029	0.031
			Recovery	=	72.50%	77.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	16.99	21.72	8214	233	0.044	0.001 #
5) L1 Aroclor-1016	0.00	8.95f	0	318	N.D.	0.024 #
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	318	N.D.	0.024
Average Aroclor-1016					0.000	0.024
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	8.67	0	785	N.D.	0.161 #
10) L2 Aroclor-1221 {3}	0.00	8.95f	0	318	N.D.	0.021 #
Total Aroclor-1221			0	1103	N.D.	0.182
Average Aroclor-1221					0.000	0.091
11) L3 Aroclor-1232	0.00	8.95f	0	318	N.D.	0.022 #
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.62f	0.00	205	0	0.025	N.D. #
Total Aroclor-1232			205	318	0.025	0.022
Average Aroclor-1232					0.025	0.022
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
17) L5 Aroclor-1248	0.00	15.08	0	236	N.D.	0.010 #
18) L5 Aroclor-1248 {2}	0.00	15.33	0	218	N.D.	0.009 #
19) L5 Aroclor-1248 {3}	11.43	0.00	319	0	0.009	N.D. #
Total Aroclor-1248			319	454	0.009	0.020
Average Aroclor-1248					0.009	0.010



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-95.D  
 Signal #2 : D:\HPCHEM\5\AU29\C845-95.D\CONFIRM.D  
 Acq On : 31 Aug 96 12:26 PM  
 Sample : VHB/ DLACWSB  
 Misc : 1 WIPE/10ML PCB ANALYSIS  
 Quant Time: Aug 31 13:00 1996

Vial: 72  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.03	0.00	145	0	0.005	N.D. #
21) L6 Aroclor-1254 {2}	0.00	15.88f	0	193	N.D.	0.007 #
22) L6 Aroclor-1254 {3}	15.88	17.68	292	105	0.009	0.003 #
Total Aroclor-1254			437	298	0.014	0.009
Average Aroclor-1254					0.007	0.005
23) L7 Aroclor-1260	0.00	18.36	0	213	N.D.	0.007 #
24) L7 Aroclor-1260 {2}	0.00	18.68	0	431	N.D.	0.012 #
25) L7 Aroclor-1260 {3}	18.01f	0.00	229	0	0.004	N.D. #
Total Aroclor-1260			229	644	0.004	0.019
Average Aroclor-1260					0.004	0.009
26) L8 Aroclor-1268	0.00	23.33	0	72	N.D.	0.017 #
27) L8 Aroclor-1268 {2}	0.00	23.52	0	87	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	72	N.D.	0.017
Average Aroclor-1268					0.000	0.017

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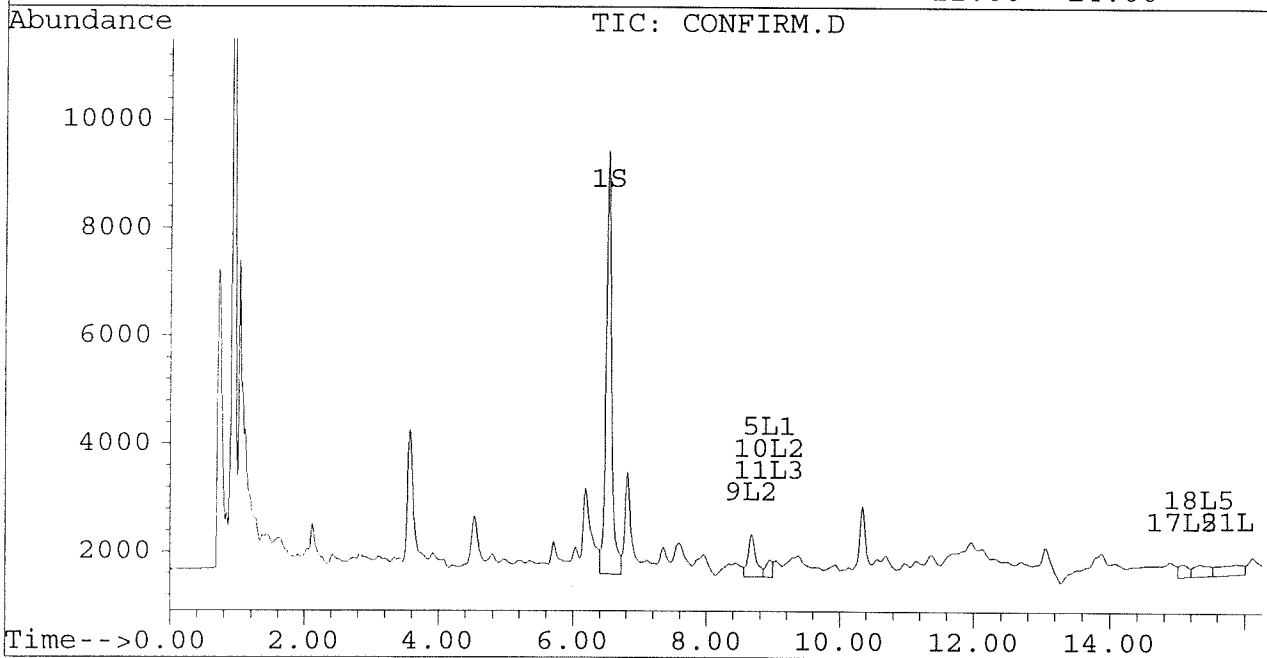
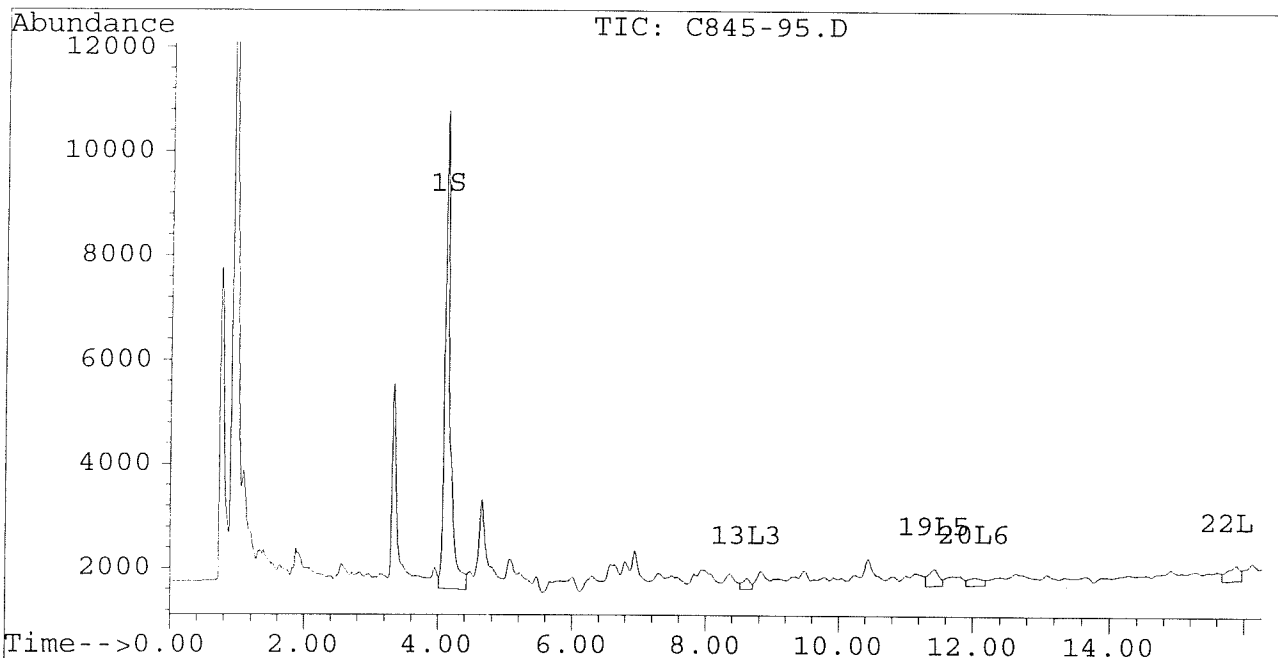
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-95.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-95.D\CONFIRM.D  
Acq On : 31 Aug 96 12:26 PM  
Sample : VHB/ DLACWSB  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 13:00 1996

Vial: 72  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



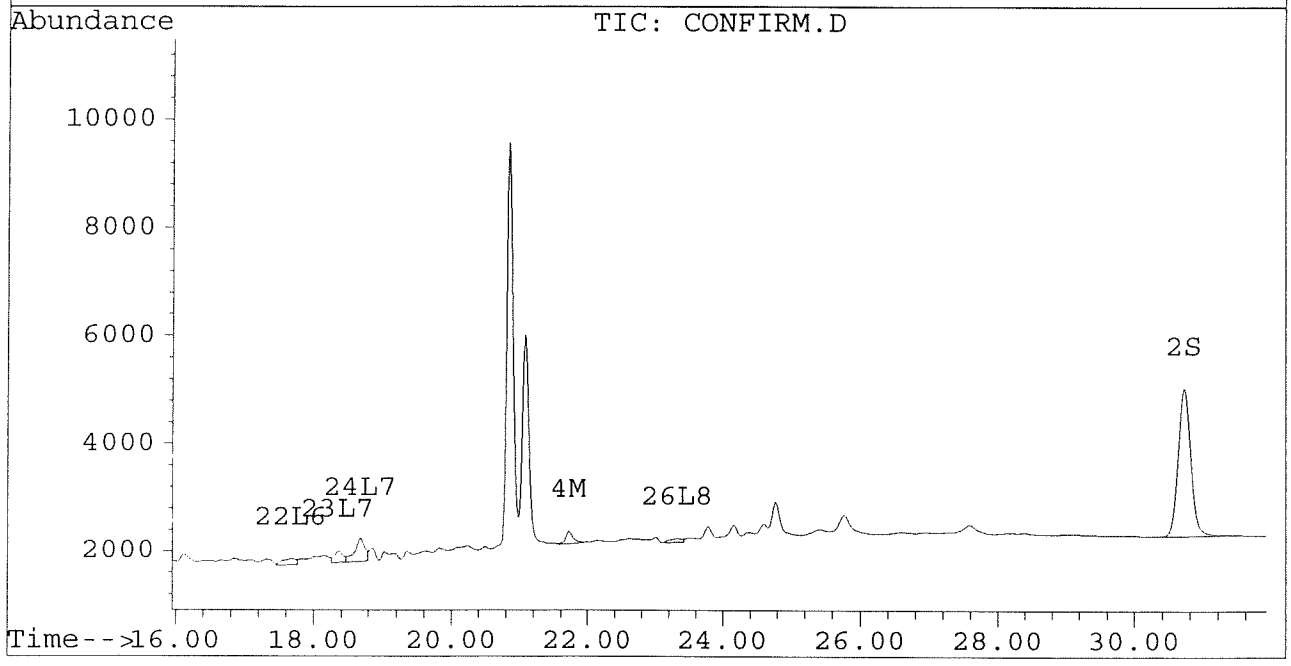
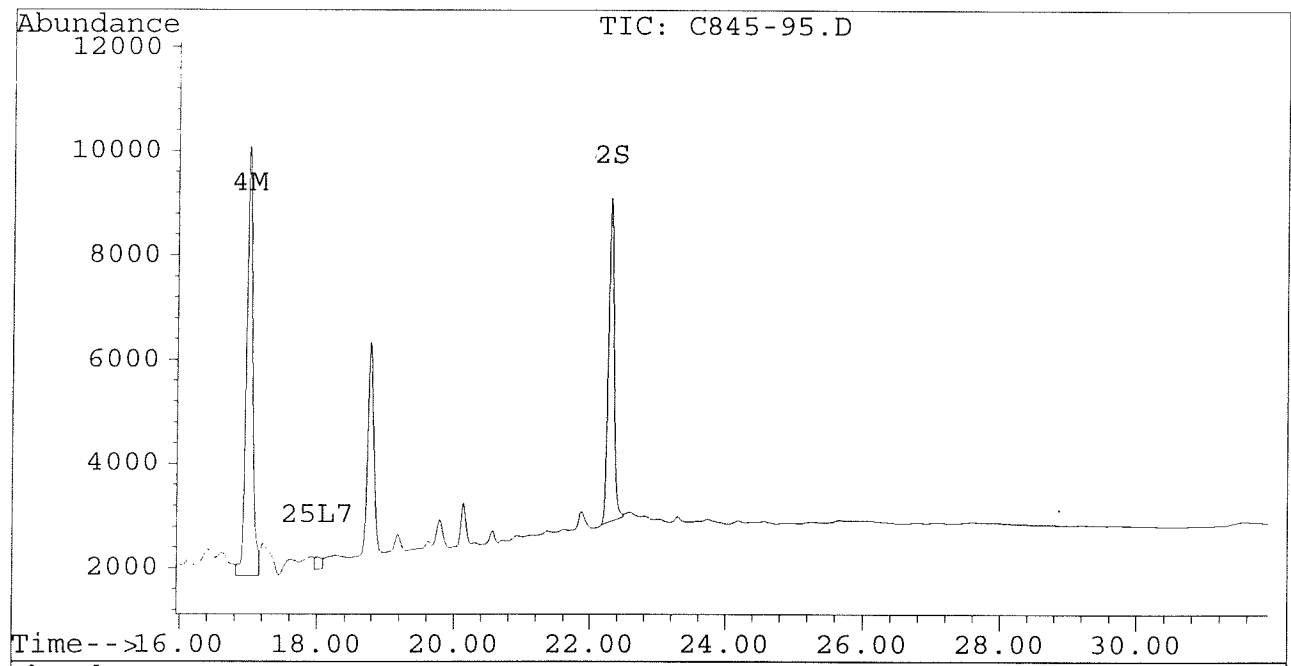
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-95.D  
Signal #2 : D:\HPCHEM\5\AU29\C845-95.D\CONFIRM.D  
Acq On : 31 Aug 96 12:26 PM  
Sample : VHB/ DLACWSB  
Misc : 1 WIPE/10ML PCB ANALYSIS  
Quant Time: Aug 31 13:00 1996

Vial: 72  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0826B1.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0826B1.D\CONFIRM.D  
 Acq On : 31 Aug 96 00:35 AM  
 Sample : WIPE METHOD BLANK  
 Misc : 10ML PCB ANALYSIS  
 Quant Time: Aug 31 1:09 1996

Vial: 56  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	9206	7944	0.039	0.042
			Recovery	=	<u>97.50%</u>	105.00%
2) S Decachlorobiphenyl	22.30	30.72	6269	2675	0.030	0.030
			Recovery	=	<u>75.00%</u>	75.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.29	11.79	54	178	0.000	0.002 #
4) M 2,2',3,3',4,4'-Hexa	17.00	21.71	1182	58	0.006	0.000 #
5) L1 Aroclor-1016	6.87	8.92	66	30	0.002	0.002
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.36	0.00	45	0	0.002	N.D. #
Total Aroclor-1016			110	30	0.004	0.002
Average Aroclor-1016					0.002	0.002
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	8.67	0	47	N.D.	0.010 #
10) L2 Aroclor-1221 {3}	5.74	8.92	106	30	0.005	0.002 #
Total Aroclor-1221			106	77	0.005	0.012
Average Aroclor-1221					0.005	0.006
11) L3 Aroclor-1232	5.74	8.92	106	30	0.006	0.002 #
12) L3 Aroclor-1232 {2}	6.87	0.00	66	0	0.005	N.D. #
13) L3 Aroclor-1232 {3}	8.63f	0.00	285	0	0.034	N.D. #
Total Aroclor-1232			457	30	0.045	0.002
Average Aroclor-1232					0.015	0.002
14) L4 Aroclor-1242	8.29	11.79	54	178	0.001	0.006 #
15) L4 Aroclor-1242 {2}	9.36	0.00	45	0	0.002	N.D. #
16) L4 Aroclor-1242 {3}	0.00	14.14	0	266	N.D.	0.020 #
Total Aroclor-1242			98	444	0.004	0.026
Average Aroclor-1242					0.002	0.013
17) L5 Aroclor-1248	9.36	15.09	45	158	0.001	0.007 #
18) L5 Aroclor-1248 {2}	0.00	15.32	0	162	N.D.	0.007 #
19) L5 Aroclor-1248 {3}	11.44	0.00	211	0	0.006	N.D. #
Total Aroclor-1248			256	319	0.007	0.014
Average Aroclor-1248					0.004	0.007

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0826B1.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0826B1.D\CONFIRM.D  
 Acq On : 31 Aug 96 00:35 AM  
 Sample : WIPE METHOD BLANK  
 Misc : 10ML PCB ANALYSIS  
 Quant Time: Aug 31 1:09 1996

Vial: 56  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	0.00	20	0	0.001	N.D. #
21) L6 Aroclor-1254 {2}	0.00	15.88f	0	118	N.D.	0.004 #
22) L6 Aroclor-1254 {3}	15.86	17.71	32	41	0.001	0.001
Total Aroclor-1254			51	159	0.002	0.005
Average Aroclor-1254					0.001	0.003
23) L7 Aroclor-1260	0.00	18.36	0	36	N.D.	0.001 #
24) L7 Aroclor-1260 {2}	14.81f	0.00	13	0	0.000	N.D. #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			13	36	0.000	0.001
Average Aroclor-1260					0.000	0.001
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.52	0	174	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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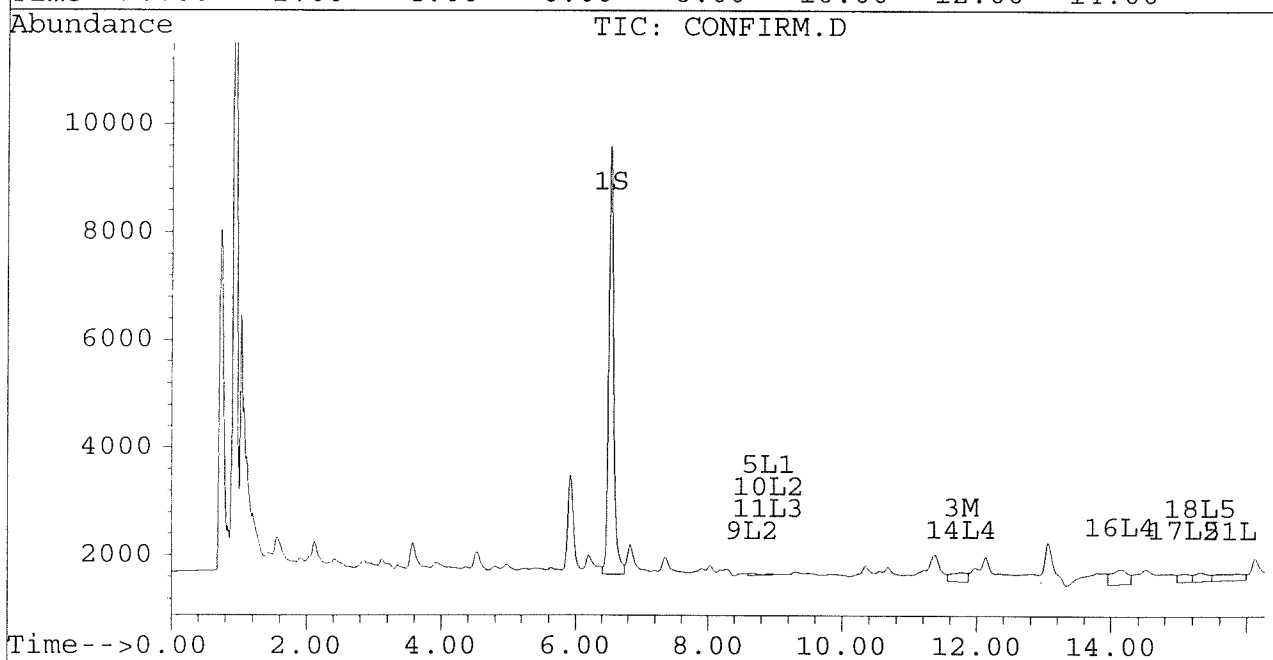
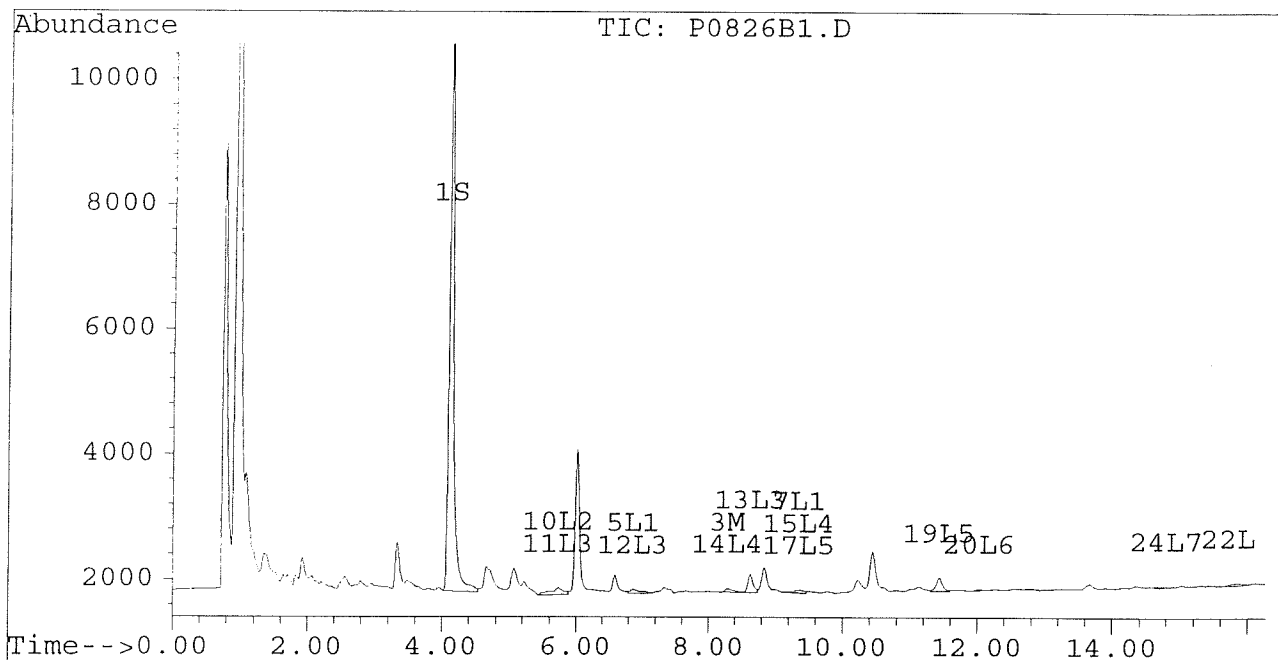
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0826B1.D  
Signal #2 : D:\HPCHEM\5\AU29\P0826B1.D\CONFIRM.D  
Acq On : 31 Aug 96 00:35 AM  
Sample : WIPE METHOD BLANK  
Misc : 10ML PCB ANALYSIS  
Quant Time: Aug 31 1:09 1996

Vial: 56  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



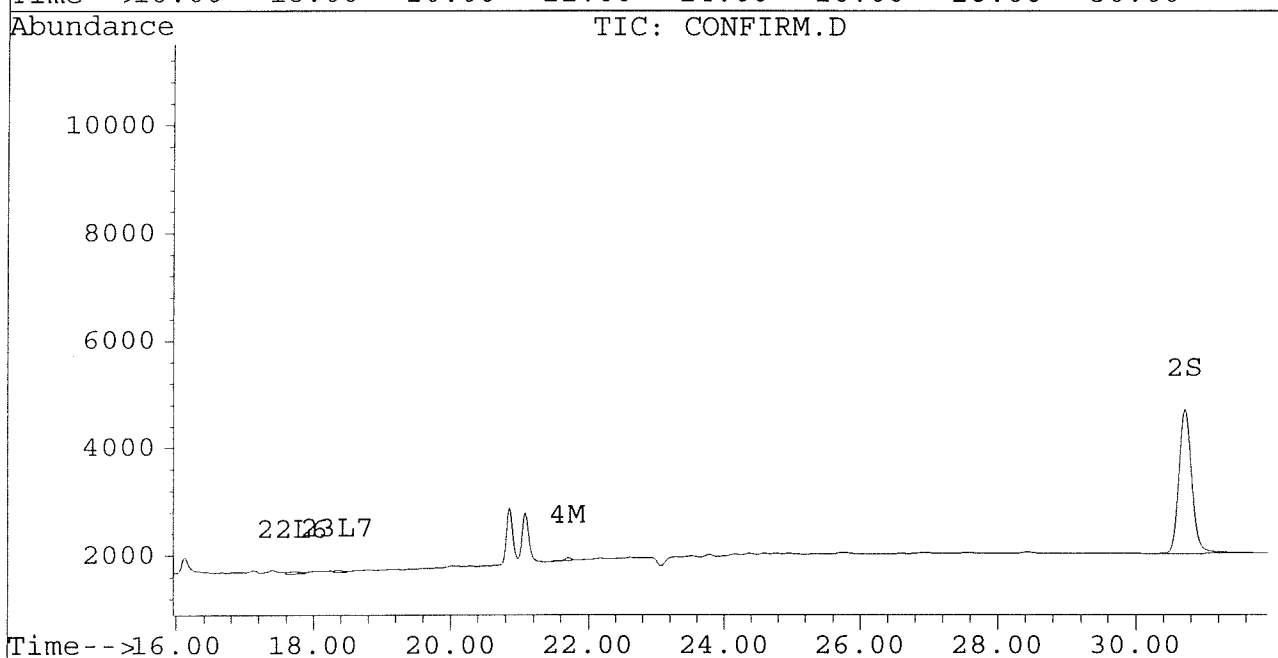
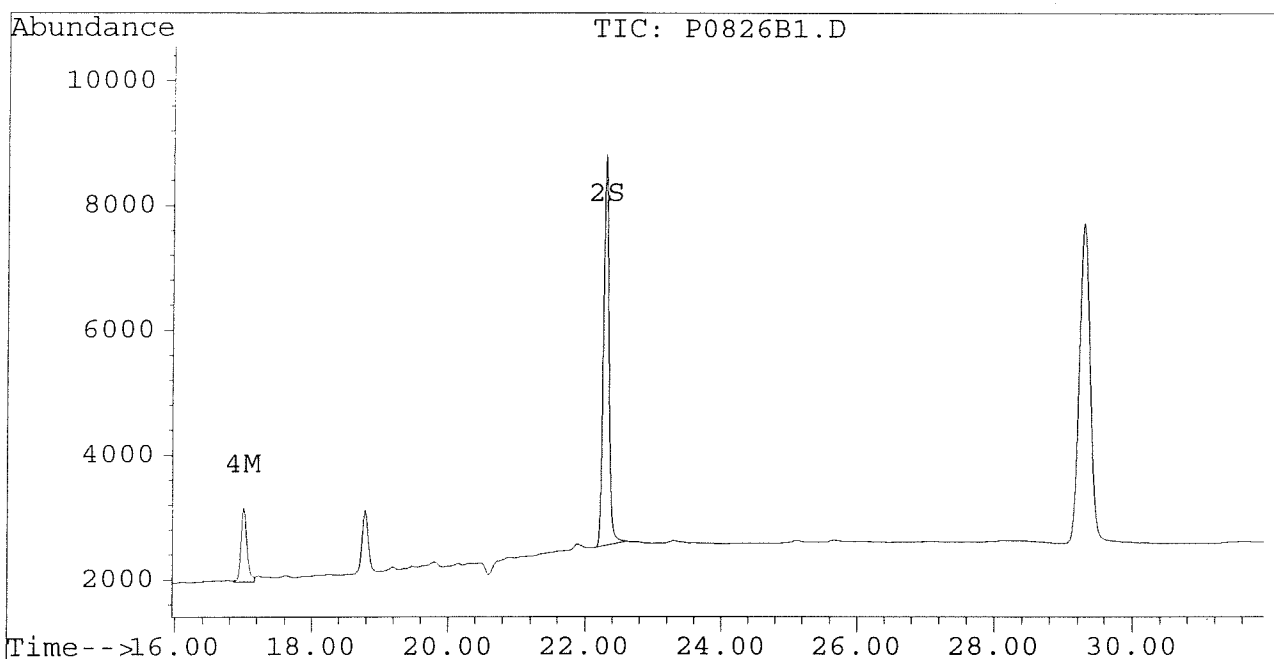
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0826B1.D  
Signal #2 : D:\HPCHEM\5\AU29\P0826B1.D\CONFIRM.D  
Acq On : 31 Aug 96 00:35 AM  
Sample : WIPE METHOD BLANK  
Misc : 10ML PCB ANALYSIS  
Quant Time: Aug 31 1:09 1996

Vial: 56  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0826L1.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0826L1.D\CONFIRM.D  
 Acq On : 30 Aug 96 11:59 PM  
 Sample : WIPE LAB CONTROL SAMPLE  
 Misc : 10ML PCB ANALYSIS  
 Quant Time: Aug 31 0:33 1996

Vial: 55  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.11	6.53	9245	7442	0.039	0.039
			Recovery	=	97.50%	97.50%
2) S Decachlorobiphenyl	22.30	30.72	5616	2390	0.027	0.027
			Recovery	=	67.50%	67.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.27	11.79	86726	80911	0.792	0.845
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	145739	130866	0.780	0.834
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.12	8.11	146	125	0.021	0.020
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			146	125	0.021	0.020
Average Aroclor-1221					0.021	0.020
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	8.27	11.79	86726	80911	2.094	2.715 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			86726	80911	2.094	2.715
Average Aroclor-1242					2.094	2.715
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	15.31	0	34	N.D.	0.001 #
19) L5 Aroclor-1248 {3}	11.49f	16.32	37	16	0.001	0.001
Total Aroclor-1248			37	51	0.001	0.002
Average Aroclor-1248					0.001	0.001



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0826L1.D  
 Signal #2 : D:\HPCHEM\5\AU29\P0826L1.D\CONFIRM.D  
 Acq On : 30 Aug 96 11:59 PM  
 Sample : WIPE LAB CONTROL SAMPLE  
 Misc : 10ML PCB ANALYSIS  
 Quant Time: Aug 31 0:33 1996

Vial: 55  
 Operator: JS  
 Inst : ECD1  
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
 Title : PCB 5 LEVEL  
 Last Update : Wed Aug 21 12:50:44 1996  
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
 Signal #1 Phase : DB-5  
 Signal #1 Info : 0.53 MM  
 Signal #2 Phase: DB-608  
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	13.97	0.00	472	0	0.014	N.D. #
24) L7 Aroclor-1260 {2}	14.76	0.00	8	0	0.000	N.D. #
25) L7 Aroclor-1260 {3}	17.97	0.00	36	0	0.001	N.D. #
Total Aroclor-1260			517	0	0.014	N.D.
Average Aroclor-1260					0.005	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

KL

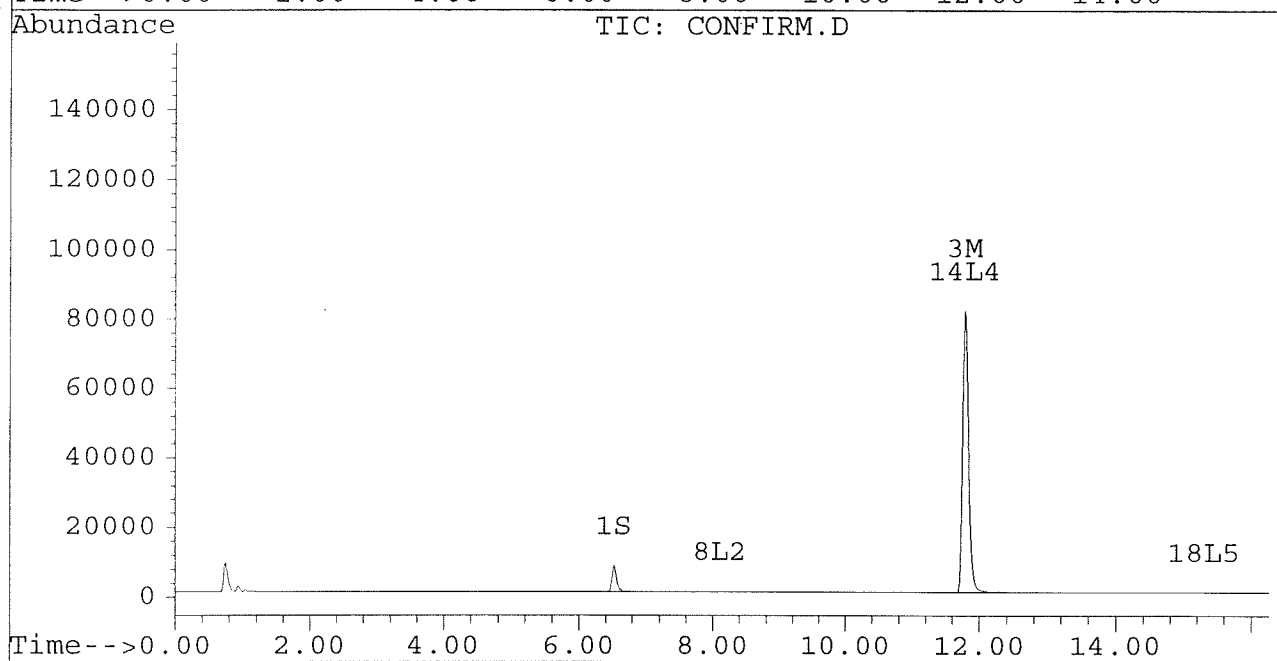
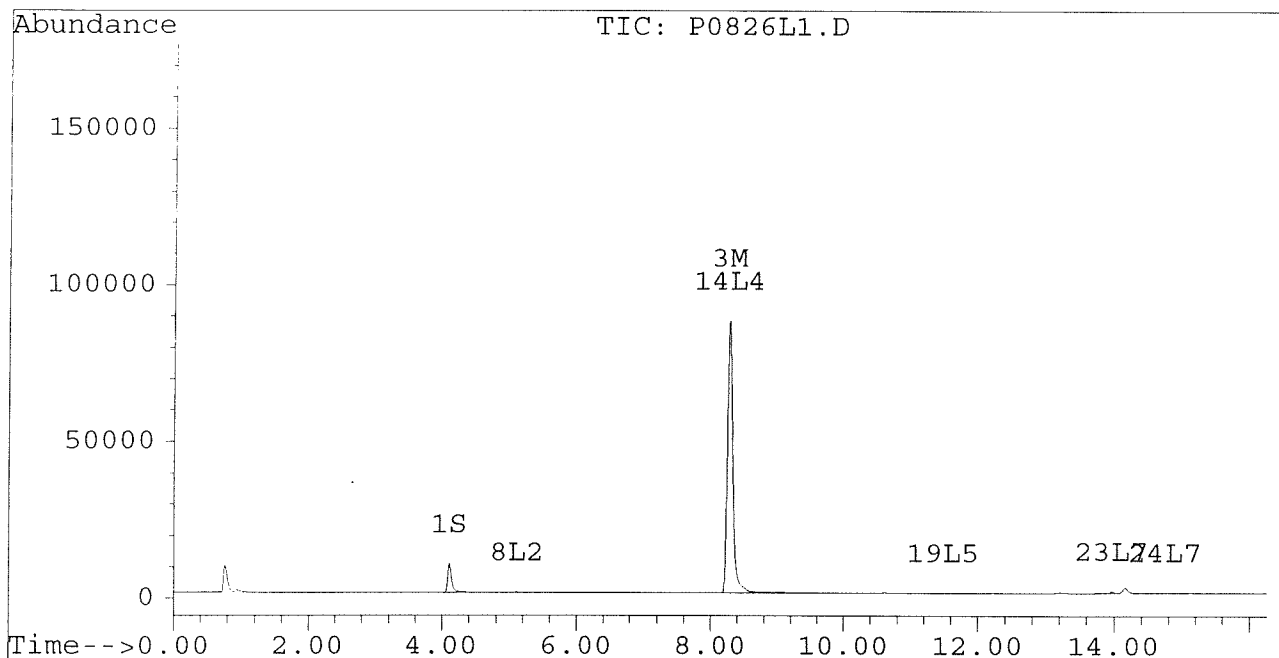
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0826L1.D  
Signal #2 : D:\HPCHEM\5\AU29\P0826L1.D\CONFIRM.D  
Acq On : 30 Aug 96 11:59 PM  
Sample : WIPE LAB CONTROL SAMPLE  
Misc : 10ML PCB ANALYSIS  
Quant Time: Aug 31 0:33 1996

Vial: 55  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



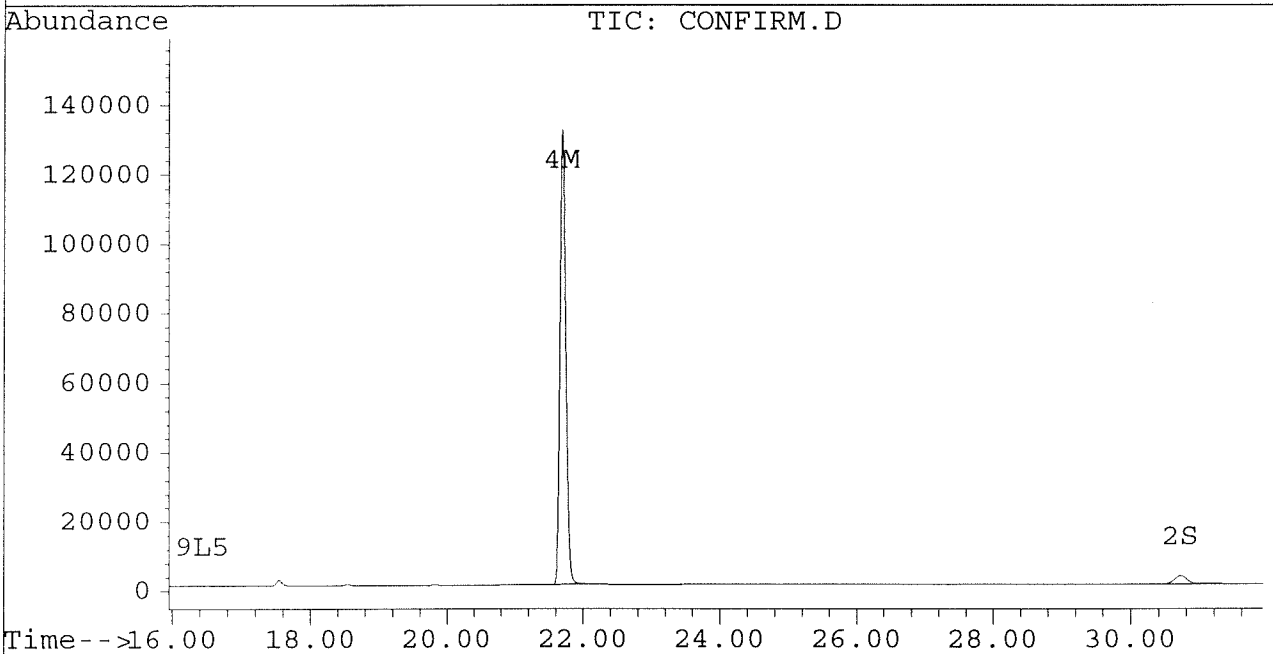
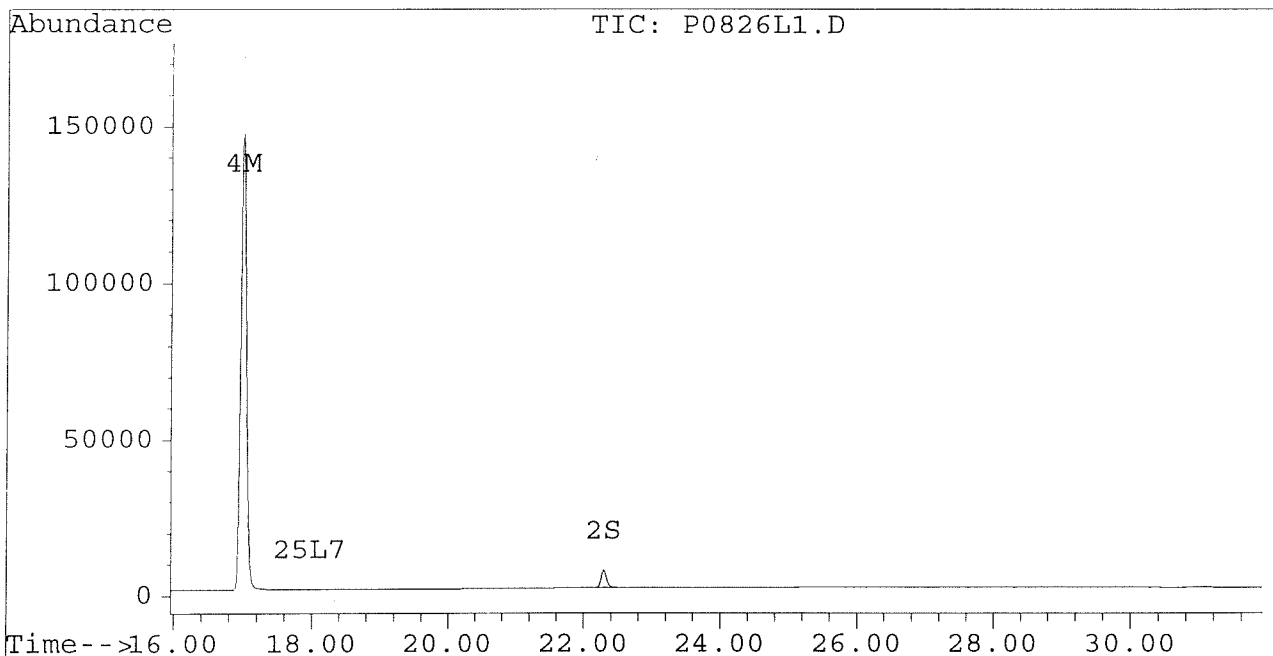
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0826L1.D  
Signal #2 : D:\HPCHEM\5\AU29\P0826L1.D\CONFIRM.D  
Acq On : 30 Aug 96 11:59 PM  
Sample : WIPE LAB CONTROL SAMPLE  
Misc : 10ML PCB ANALYSIS  
Quant Time: Aug 31 0:33 1996

Vial: 55  
Operator: JS  
Inst : ECD1  
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M  
Title : PCB 5 LEVEL  
Last Update : Wed Aug 21 12:50:44 1996  
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL  
Signal #1 Phase : DB-5  
Signal #1 Info : 0.53 MM  
Signal #2 Phase: DB-608  
Signal #2 Info : 0.53 MM



# MITKEM CORPORATION

**C0845**      **R2**

Lab Project #: \_\_\_\_\_

Client Name: **VHB, Inc.**

Client Project #: **70632.13**

Client PO #: \_\_\_\_\_

Project Name: **Boliden Metech, Inc.**

Date Due: **9/5/96**

Total Price: \$ \_\_\_\_\_

Deliverables Req'd: **PER RFP (CLP LIKE)**

Case Completed: **YES**

Logged In By: \_\_\_\_\_

Reviewed By: \_\_\_\_\_

Date: 8/27/96

Time: 8:30

MS

KC

Lab ID	Client ID	Matrix	Analysis	Price	Sampled	Received	Comments
-01/MS/MSD	PM1	SL	PCB		8/21/96	8/21/96	
-02	PO1	SL	PCB		8/21/96	8/21/96	
-03	PP1	SL	PCB		8/21/96	8/21/96	
-04	PQ2	SL	PCB		8/21/96	8/21/96	
-05	PQ3	SL	PCB		8/21/96	8/21/96	
-06	PR1	SL	PCB		8/21/96	8/21/96	
-07	PR2	SL	PCB		8/21/96	8/21/96	
-08	PR3	SL	PCB		8/21/96	8/21/96	
-09	PS1	SL	PCB		8/21/96	8/21/96	
-10	PS3	SL	PCB		8/21/96	8/21/96	
-11	PT1	SL	PCB		8/21/96	8/21/96	
-12	PT2	SL	PCB		8/21/96	8/21/96	

120010

# MITKEM CORPORATION

<u>Lab ID</u>	<u>Client ID</u>	<u>Matrix</u>	<u>Analysis</u>	<u>Price</u>	<u>Sampled</u>	<u>Received</u>	<u>Comments</u>
-13	PT3	SL	PCB		8/21/96	8/21/96	
-14	PU1	SL	PCB		8/21/96	8/21/96	
-15	PV1	SL	PCB		8/21/96	8/21/96	
-16	PV2	SL	PCB		8/21/96	8/21/96	
-17	PW <del>2</del> <sup>3</sup> <sup>KOS</sup>	SL	PCB		8/21/96	8/21/96	
-18	PM4	SL	PCB		8/21/96	8/21/96	
-19	PN5	SL	PCB		8/21/96	8/21/96	
-20	PO4	SL	PCB		8/21/96	8/21/96	
-21/MSD	PO6	SL	PCB		8/21/96	8/21/96	
-22	PP5	SL	PCB		8/21/96	8/21/96	
-23	PP6	SL	PCB		8/21/96	8/21/96	
-24	PQ5	SL	PCB		8/21/96	8/21/96	
-25	PQ6	SL	PCB		8/21/96	8/21/96	
-26	PR4	SL	PCB		8/21/96	8/21/96	
-27	PR5	SL	PCB		8/21/96	8/21/96	
-28	PR6	SL	PCB		8/21/96	8/21/96	
-29	PS5	SL	PCB		8/21/96	8/21/96	
-30	PT4	SL	PCB		8/21/96	8/21/96	

1283

# MITKEM CORPORATION

<u>Lab ID</u>	<u>Client ID</u>	<u>Matrix</u>	<u>Analysis</u>	<u>Price</u>	<u>Sampled</u>	<u>Received</u>	<u>Comments</u>
-31	PT5	SL	PCB		8/21/96	8/21/96	
-32	PT6	SL	PCB		8/21/96	8/21/96	
-33	PU4	SL	PCB		8/21/96	8/21/96	
-34	PU5	SL	PCB		8/21/96	8/21/96	
-35	PU6	SL	PCB		8/21/96	8/21/96	
-36	PV5	SL	PCB		8/21/96	8/21/96	
-37	PW4	SL	PCB		8/21/96	8/21/96	
-38	PW5	SL	PCB		8/21/96	8/21/96	
-39	PW6	SL	PCB		8/21/96	8/21/96	
-40	PX6	SL	PCB		8/21/96	8/21/96	
-41/MS/MSD	PM7	SL	PCB		8/21/96	8/21/96	
-42	PM9	SL	PCB		8/21/96	8/21/96	
-43	PN7	SL	PCB		8/21/96	8/21/96	
-44	PN8	SL	PCB		8/21/96	8/21/96	
-45	PN9	SL	PCB		8/21/96	8/21/96	
-46	PO7	SL	PCB		8/21/96	8/21/96	
-47	PO9	SL	PCB		8/21/96	8/21/96	
-48	PP8	SL	PCB		8/21/96	8/21/96	

1284

# MITKEM CORPORATION

<u>Lab ID</u>	<u>Client ID</u>	<u>Matrix</u>	<u>Analysis</u>	<u>Price</u>	<u>Sampled</u>	<u>Received</u>	<u>Comments</u>
-49	PP9	SL	PCB		8/21/96	8/21/96	
-50	PQ8	SL	PCB		8/21/96	8/21/96	
-51	PQ9	SL	PCB		8/21/96	8/21/96	
-52	PR7	SL	PCB		8/21/96	8/21/96	
-53	PR8	SL	PCB		8/21/96	8/21/96	
-54	PR9	SL	PCB		8/21/96	8/21/96	
-55	PS7	SL	PCB		8/21/96	8/21/96	
-56	PS8	SL	PCB		8/21/96	8/21/96	
-57	PS9	SL	PCB		8/21/96	8/21/96	
-58	PT7	SL	PCB		8/21/96	8/21/96	
-59	PT8	SL	PCB		8/21/96	8/21/96	
-60	PU7	SL	PCB		8/21/96	8/21/96	
-61/MS/MSD	PM10	SL	PCB		8/21/96	8/21/96	
-62	PM12	SL	PCB		8/21/96	8/21/96	
-63	PN10	SL	PCB		8/21/96	8/21/96	
-64	PN11	SL	PCB		8/21/96	8/21/96	
-65	PN12	SL	PCB		8/21/96	8/21/96	
-66	PO10	SL	PCB		8/21/96	8/21/96	

1285

# MITKEM CORPORATION

<u>Lab ID</u>	<u>Client ID</u>	<u>Matrix</u>	<u>Analysis</u>	<u>Price</u>	<u>Sampled</u>	<u>Received</u>	<u>Comments</u>
-85	DEQAQCM9	AQ	PCB		8/21/96	8/21/96	
-86	DEQAQCO10	AQ	PCB		8/21/96	8/21/96	
-87	DLACW01	Wipe	PCB		8/21/96	8/21/96	
-88	DLACW03	Wipe	PCB		8/21/96	8/21/96	
-89	DLACW04	Wipe	PCB		8/21/96	8/21/96	
-90	DLACW05	Wipe	PCB		8/21/96	8/21/96	
-91	DLACW07	Wipe	PCB		8/21/96	8/21/96	
-92	DLACW08	Wipe	PCB		8/21/96	8/21/96	
-93	DLACW09	Wipe	PCB		8/21/96	8/21/96	
-94	DLACWD01	Wipe	PCB		8/21/96	8/21/96	
-95	DLACWSB	Wipe	PCB		8/21/96	8/21/96	
-96/MS/MSD	PP11	SL	PCB		8/21/96	8/21/96	
-97	PP12	SL	PCB		8/21/96	8/21/96	
-98	P STAND 1	SL	PCB		8/21/96	8/21/96	
-99	P STAND 2	SL	PCB		8/21/96	8/21/96	
-100	PU9	SL	PCB		8/21/96	8/21/96	
-101	PM5	SL	PCB		8/27/96	8/27/96	
-102	PM6	SL	PCB		8/27/96	8/27/96	

1286



# MITKEM CORPORATION

Lab ID	Client ID	Matrix	Analysis	Price	Sampled	Received	Comments			IR	BNA	Herb	P/P	Wet	Met	Voa	Sub
						TPH	0			0	0	0	112	0	0	0	0

NOTES:  
(1) R1: SAMPLE -100 ADDED PER CLIENT  
(2) R2: SAMPLES -101 & -102 WERE RECEIVED 8/27/96

ORIGINAL REPORT GOES TO:

VHB, Inc.  
101 Walnut Street  
Watertown, MA 02272  
ATT: Dave Carlson  
Phone: 617 924-1770  
Fax: 617 923-2336

INVOICE GOES TO:

same

1287



**CHAIN OF CUSTODY RECORD**

Project Name		Project State		MATRIX		Remarks
10632.13 Veg & other		VT		Water - A Soil/Solid-S Waste-W Other-O Explain		
Samplers (Signature)		Type, Size, & No. of Containers		MATERIAL		Remarks
Veg & other		1-6		S		
Sta. No.	Date	Time	Comp	Grab	Station Location	Remarks
PO1	8/2/96		X			
PP1			X			
PP2			X			
PP3			X			
PP4			X			
PP5			X			
PP6			X			
PP7			X			
PP8			X			
PP9			X			
PP10			X			
PP11			X			
PP12			X			
PP13			X			
PP14			X			
PP15			X			
PP16			X			
PP17			X			
PP18			X			
PP19			X			
PP20			X			
PP21			X			
PP22			X			
PP23			X			
PP24			X			
PP25			X			
PP26			X			
PP27			X			
PP28			X			
PP29			X			
PP30			X			
PP31			X			
PP32			X			
PP33			X			
PP34			X			
PP35			X			
PP36			X			
PP37			X			
PP38			X			
PP39			X			
PP40			X			
PP41			X			
PP42			X			
PP43			X			
PP44			X			
PP45			X			
PP46			X			
PP47			X			
PP48			X			
PP49			X			
PP50			X			
PP51			X			
PP52			X			
PP53			X			
PP54			X			
PP55			X			
PP56			X			
PP57			X			
PP58			X			
PP59			X			
PP60			X			
PP61			X			
PP62			X			
PP63			X			
PP64			X			
PP65			X			
PP66			X			
PP67			X			
PP68			X			
PP69			X			
PP70			X			
PP71			X			
PP72			X			
PP73			X			
PP74			X			
PP75			X			
PP76			X			
PP77			X			
PP78			X			
PP79			X			
PP80			X			
PP81			X			
PP82			X			
PP83			X			
PP84			X			
PP85			X			
PP86			X			
PP87			X			
PP88			X			
PP89			X			
PP90			X			
PP91			X			
PP92			X			
PP93			X			
PP94			X			
PP95			X			
PP96			X			
PP97			X			
PP98			X			
PP99			X			
PP100			X			

**PRIORITY TURNAROUND TIME AUTHORIZATION**  
 Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded T.A.T. AUTHORIZATION NUMBER.

AUTHORIZATION NO. \_\_\_\_\_ T.A.T. authorized by: \_\_\_\_\_

Fax to (phone) \_\_\_\_\_ Send Results to: \_\_\_\_\_  
 603-424-1336 Jeff Gower/ David Carbert  
 Results needed \_\_\_\_\_  
 PO# Hankards

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

Relinquished by (Signature) <i>Veg &amp; other</i>	Date/Time 8/2/96	Received by (Signature) <i>Mark Shuppi</i>	AMRO Project No.	Remarks
Relinquished by (Signature)	Date/Time	Received by (Signature)		
Relinquished by (Signature)	Date/Time	Received by (Signature)		
Relinquished by (Signature) 1988	Date/Time	Received for Laboratory by (Signature)	Seal Intact? Yes No N/A	



Mitkham Corporation

15802

CHAIN OF CUSTODY RECORD

Proj. No. 10633-13	Project Name Golden Metech		Station Location		Project State RI	MATRIX Water - A Soil/Solid-S Waste-W Other-O Explain	PAGE 1 OF 8
	Date	Time	Comp	Grab			
Samplers (Signature) Jeff P. Howe							
Sta. No.	Date	Time	Comp	Grab	Station Location		Remarks
PM1	8/21/06		X			X	
PO1			X			X	
PR1			X			X	
PO2			X			X	
PO3			X			X	
PR1			X			X	
PR2			X			X	
PR3			X			X	
PS1			X			X	
PS3			X			X	
PT1			X			X	
PT2			X			X	
PT3			X			X	

**PRIORITY TURNAROUND TIME AUTHORIZATION**  
 Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded T.A.T. AUTHORIZATION NUMBER.

AUTHORIZATION NO. \_\_\_\_\_ T.A.T. authorized by: \_\_\_\_\_

Fax to (phone) \_\_\_\_\_  
 603-424-3336  
 Results needed \_\_\_\_\_  
 Standard \_\_\_\_\_  
 PO# \_\_\_\_\_  
 Sent Results to: Jeff Beall / David Carlson

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

Relinquished by (Signature) \_\_\_\_\_  
 Date Time 8/21/06  
 Received by (Signature) \_\_\_\_\_

Relinquished by (Signature) \_\_\_\_\_  
 Date Time \_\_\_\_\_  
 Received by (Signature) \_\_\_\_\_

Relinquished by (Signature) \_\_\_\_\_  
 Date Time \_\_\_\_\_  
 Received by (Signature) \_\_\_\_\_

Relinquished by (Signature) \_\_\_\_\_  
 Date Time \_\_\_\_\_  
 Received for Laboratory by: (Signature) \_\_\_\_\_  
 Seal Intact? Yes No N/A

**CHAIN OF CUSTODY RECORD**

Proj. No. 0632	Project Name Boliden Metech		Project State		MATRIX Water - A Soil/Solid-S Waste-W Other-O Explain	PAGE 3 OF 6
	Samplers (Signature)		Type Size, & No. of Containers	Remarks		
Sta. No.	Date	Time	Comp	Grab	Station Location	Remarks
PQ6	8/2/86		X		1-5	
PQ4			X			
PR5			X			
PR6			X			
PS5			X			
PT4			X			
PTS			X			
PT6			X			
PW4			X			
PW5			X			
PW6			X			
PW5			X			
PW4			X			

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

Relinquished by (Signature) <i>[Signature]</i>	Date Time 8/2/86	Received by (Signature) <i>[Signature]</i>	AMRO Project No.	Remarks
Relinquished by (Signature)	Date Time	Received by (Signature)	AMRO Project No.	Remarks
Relinquished by (Signature)	Date Time	Received by (Signature)	AMRO Project No.	Remarks
Relinquished by (Signature) 90	Date Time	Received for Laboratory by: (Signature)	Seal Intact? Yes No N/A	Remarks

**PRIORITY TURNAROUND TIME AUTHORIZATION**  
Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded T.A.T. AUTHORIZATION NUMBER.

AUTHORIZATION NO. \_\_\_\_\_ T.A.T. authorized by: \_\_\_\_\_

Send Results to: *[Handwritten: 2336]*

Results needed: *[Handwritten: 2336]*

PO#: \_\_\_\_\_

**CHAIN OF CUSTODY RECORD**

Proj. No. 10632.13		Project Name Belviden Metech		Project State RI		MATRIX Water - A Soil/Solid-S Waste-W Other-O Explain		PAGE 4 OF 8	
Samplers (Signature) Vicky P. Howe		Station Location		Type Size, & No. of Containers	Remarks				
Sta. No.	Date	Time	Comp	Grab					
-PW5	8/21/06		X		1-G	S	X		
-PW6			X			S	X		
-PX9			X			S	X		
-PM9			X			S	X		
-PM9			X			S	X		
-PN7			X			S	X		
-PN8			X			S	X		
-PN9			X			S	X		
-PO7			X			S	X		
-PO9			X			S	X		
-PB8			X			S	X		
-PP9			X			S	X		
-PP8			X			S	X		

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

**PRIORITY TURNAROUND TIME AUTHORIZATION**  
Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded T.A.T. AUTHORIZATION NUMBER.

Relinquished by (Signature) Vicky P. Howe	Date Time 8/21/06	Received by (Signature) Mark Shopp	Send Results to: 603-425-2336	AUTHORIZATION NO. _____ T.A.T. authorized by: _____
Relinquished by (Signature)	Date Time	Received by (Signature)	Results needed Standard	
Relinquished by (Signature)	Date Time	Received by (Signature)	PO#	
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)	AMRO Project No.	Remarks
Relinquished by (Signature)	Date Time		Seal Intact? Yes No N/A	

Proj. No.	Project Name	Project State	Matrix	Water - A	Soil/Solid-S	Waste-W	Other-O	Explain	Remarks
10632	Belden Metech	RI							
PSA			X						
PSB			X						
PCS			X						
PCD			X						
PSE			X						
PSF			X						
PSG			X						
PTH			X						
PTI			X						
PTJ			X						
PTK			X						
POT			X						
PMIO			X						
PMI2			X						
PMIO			X						

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

**PRIORITY TURNAROUND TIME AUTHORIZATION**

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded T.A.T. AUTHORIZATION NUMBER.

AUTHORIZATION NO. \_\_\_\_\_ T.A.T. authorized by: \_\_\_\_\_

Fax to (phone) \_\_\_\_\_  
 Results needed \_\_\_\_\_  
 PO# \_\_\_\_\_

Send Results to: *Jeffrey Barrett / David Carlson*

Relinquished by (Signature) *Jeffrey A. Pomeroy* Date Time *8/21/96*  
 Received by (Signature) *Mark Shipp*

Relinquished by (Signature) \_\_\_\_\_ Date Time \_\_\_\_\_  
 Received by (Signature) \_\_\_\_\_

AMRO Project No. \_\_\_\_\_ Seal Intact? Yes No N/A

Remarks \_\_\_\_\_



**CHAIN OF CUSTODY RECORD**

Proj. No. D632.13	Project Name Balden Metcalf	Project State RI	MATRIX Water - A Soil/Solid-S Waste-W Other-O Explain	PAGE 6 OF 8					
					Type Size, & No. of Containers	Station Location	Time	Comp	Grab
Samplers (Signature) <i>V. E. [Signature]</i>									
Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX	PAGE 6 OF 8	Remarks
PN11	9/21/96		X			1-G	X		
PN12			X				X		
PO10			X				X		
PO11			X				X		
PO12			X				X		
PO10			X				X		
PO12			X				X		
PR10			X				X		
PR11			X				X		
PR12			X				X		
DP2			X				X		
DP6			X				X		
DTG			X				X		

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

**PRIORITY TURNAROUND TIME AUTHORIZATION**  
 Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded T.A.T. AUTHORIZATION NUMBER.

Relinquished by (Signature) <i>V. E. [Signature]</i>	Date Time 9/21/96	Received by (Signature) <i>Mark [Signature]</i>	Send Results to: <i>Jeffrey R. Gower</i>
Relinquished by (Signature)	Date Time	Received by (Signature)	or <i>And Carlson</i>
Relinquished by (Signature)	Date Time	Received by (Signature)	AMFRO Project No.
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)	Seal Intact? Yes No N/A



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