

SR-28-0143

Appendix K - PCB Cleanup Verification Report, 2 of 2

Boliden Metech Allens Avenue Facility

Laboratory Analytical Results, Sampling Round 5

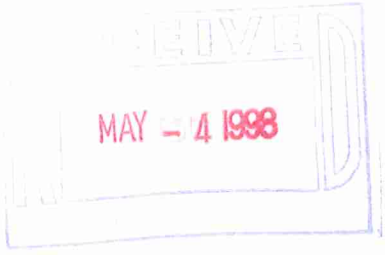
434 Allens Avenue
Providence,
Rhode Island

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

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

March 1998



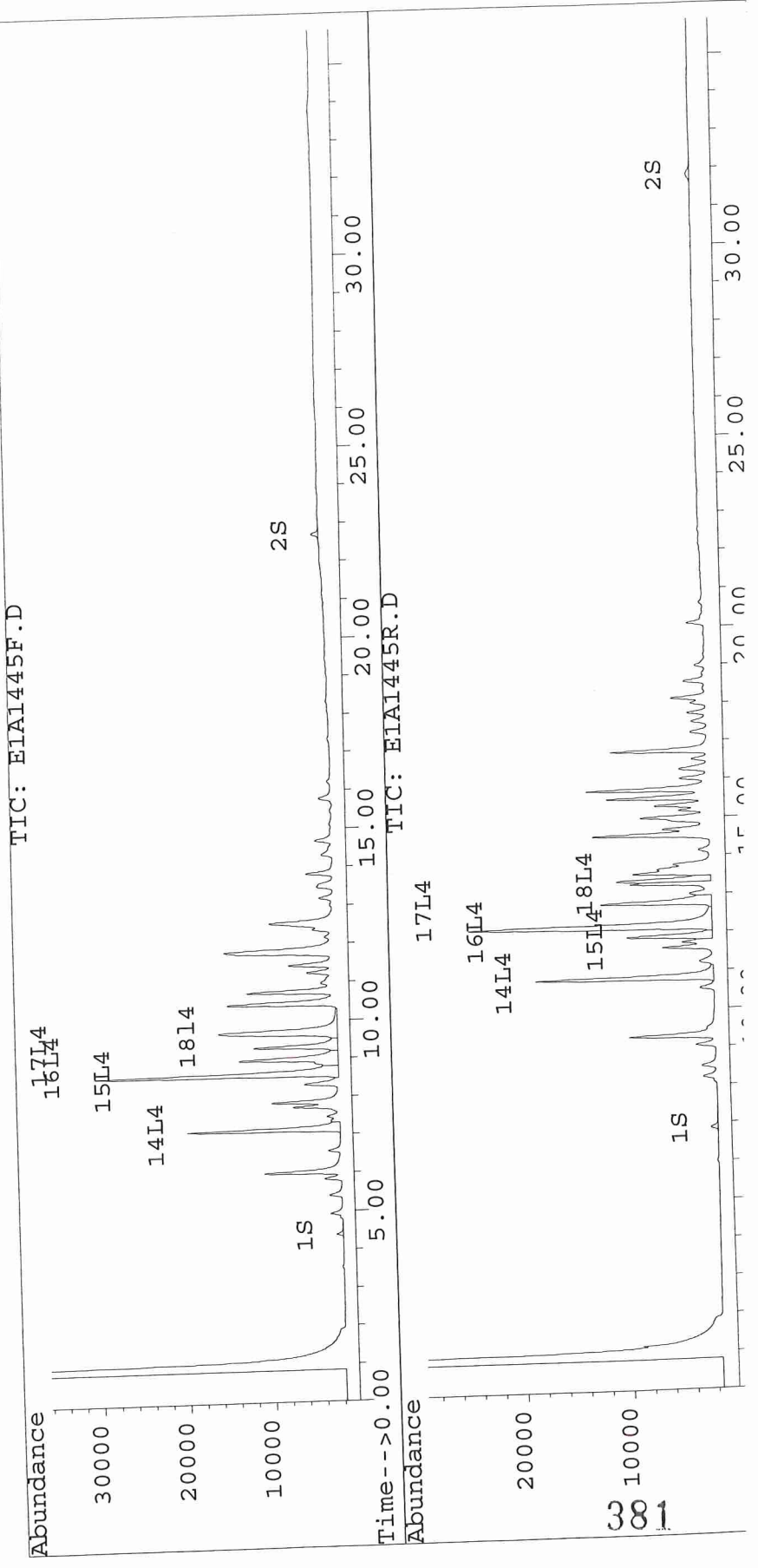


Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1445F.D Vial: 31
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1445F.D\E1A1445R.D
Acq On : 06 Aug 97 11:05 AM Operator: JS/GML
Sample : D1145-62,PS-91(1),P0801-B3,,5X Inst : E1
Misc : 0,,2,,25000,,15,0,,01-AUG-97,22-JUL-97 Multiplr: 1.00
Quant Time: Aug 6 12:26 1997

Method : C:\HPCHEM\5\METHODS\VHBPCL1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1403F.D Vial: 5
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1403F.D\E1A1403R.D
 Acq On : 05 Aug 97 06:01 AM Operator: JS/GML
 Sample : D1145-63,PS-91(2),P0801-B3 Inst : E1
 Misc : 0,,2,,25000,,15,0,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 5 8:12 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.86	3883	3405	16.996	16.126
			Recovery	=	42.49%	40.32%
2) S Decachlorobiphenyl	22.68	31.79	3462	1562	14.226	13.778
			Recovery	=	35.57%	34.45%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.56	12.16	122896	97817	1377.586	1107.1
4) M 2,2',3,3',4,4'-Hexa	17.33	22.15	801	513	4.404	3.114
5) L1 Aroclor-1016	7.12	10.80	67367	62816	2144.425	2124.4
6) L1 Aroclor-1016 {2}	8.56	12.16	122896	97817	2710.422	2644.7
7) L1 Aroclor-1016 {3}	9.68	12.76	53964	45381	2234.848	2616.4
Total Aroclor-1016			244227	206015	7089.695	7385.72
Average Aroclor-1016					2363.232	2461.90
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	7.12	10.80	67367	62816	1843.579	1808.
15) L4 Aroclor-1242 {2}	8.56	11.88	122896	33282	2302.668	2189.
16) L4 Aroclor-1242 {3}	8.95	12.16	50036	97817	2345.395	2274.
17) L4 Aroclor-1242 (4)	9.28	12.76	45810	45381	2612.333	2244.
18) L4 Aroclor-1242 (5)	9.68	13.34	53964	35560	1915.078	1838.
Total Aroclor-1242			340073	274857	11019.053	10355
Average Aroclor-1242					2203.811	2071.0
19) L5 Aroclor-1248	10.42	14.98	52729	31064	1962.684	2061.

382

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1403F.D Vial: 5
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1403F.D\E1A1403R.D
 Acq On : 05 Aug 97 06:01 AM Operator: JS/GM
 Sample : D1145-63,PS-91(2),P0801-B3 Inst : E1
 Misc : 0,,,2,,25000,,15,0,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 5 8:12 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

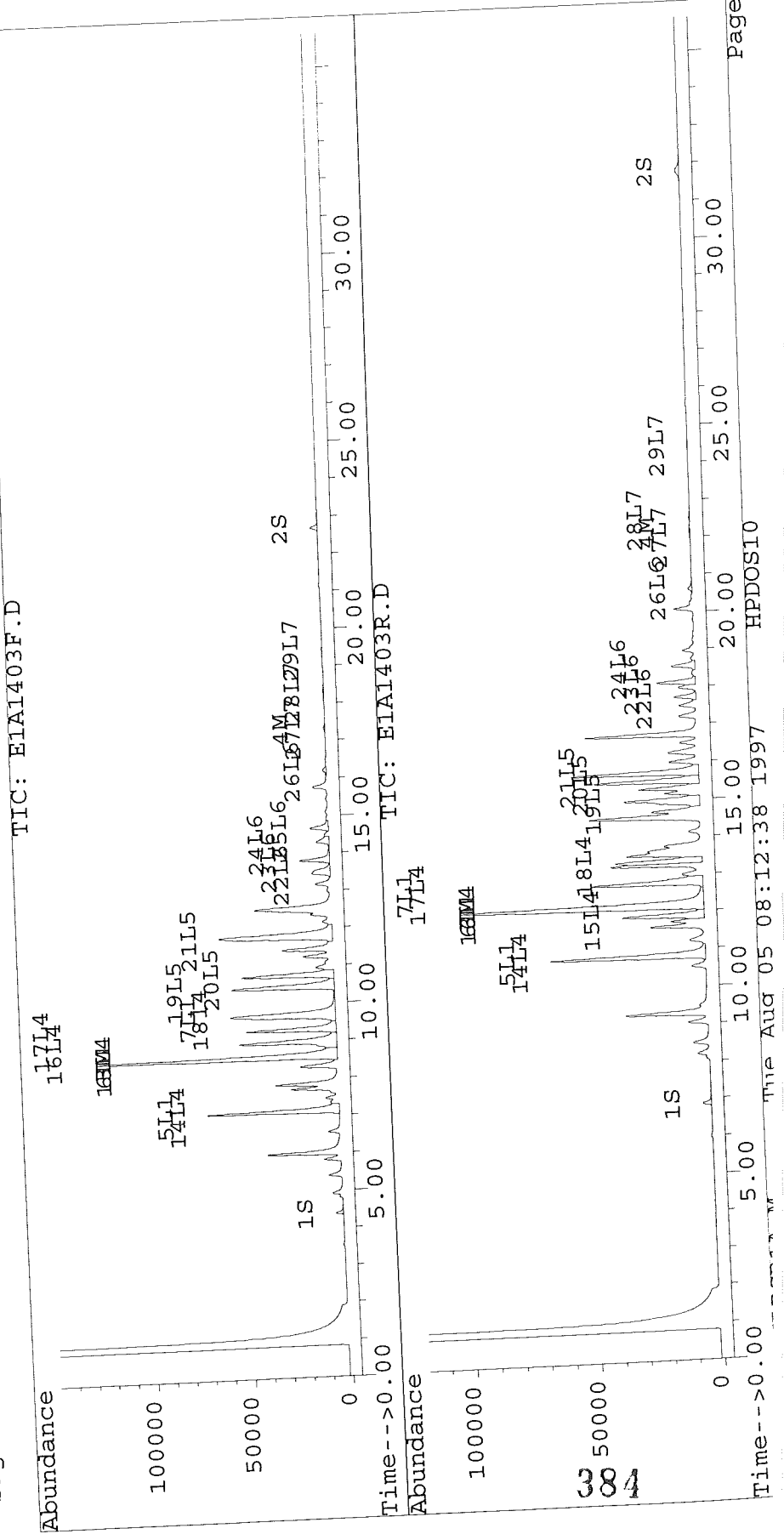
Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.48	47324	42879	2117.910	1797
21) L5 Aroclor-1248 {3}	11.79	15.71	58079	51975	2063.772	2087
Total Aroclor-1248			158132	125918	6144.366	5947.
Average Aroclor-1248					2048.122	1982.
22) L6 Aroclor-1254	13.46	17.72	9481	8860	265.289✓	251.9
23) L6 Aroclor-1254 {2}	13.80	18.11	15270	15770	201.843✓	204.6
24) L6 Aroclor-1254 {3}	14.29	18.54	6507	9600	178.583✓	200.6
25) L6 Aroclor-1254 (4)	14.66	0.00	9519	0	208.584✓	N.I
26) L6 Aroclor-1254 (5)	16.20	20.61	2053	1662	34.084	32.0
Total Aroclor-1254			42830	35892	888.383	689.25
Average Aroclor-1254					177.677	172.35
27) L7 Aroclor-1260	17.33	22.01	801	246	24.679	9.8
28) L7 Aroclor-1260 {2}	18.31	22.51	523	476	8.378	8.0
29) L7 Aroclor-1260 {3}	19.43	24.46	314	165	7.032	6.6
Total Aroclor-1260			1639	887	40.089	24.58
Average Aroclor-1260					13.363	8.15

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1403F.D Vial: 5
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1403R.D
 Operator: JS/GML
 Acq On : 05 Aug 97 06:01 AM
 Sample : D1145-63, PS-91(2), P0801-B3
 Misc : 0,,2,,25000,,15,0,,01-AUG-97,22-JUL-97
 Multiplr: 1.00
 Quant Time: Aug 5 8:12 1997

Method : C:\HPCHEM\5\METHODS\VHBPB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1446F.D Vial: 32
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1446F.D\E1A1446R.D
 Acq On : 06 Aug 97 11:44 AM Operator: JS/GM
 Sample : D1145-63,PS-91(2),P0801-B3,,,5X Inst : E1
 Misc : 0,,,2,,25000,,15,0,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 6 12:27 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.39	6.88	664	606	2.907	2.8
			Recovery	=	7.27%	7.1
2) S Decachlorobiphenyl	22.69	31.82f	727	317	2.986m	2.7
			Recovery	=	7.47%	7.0
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.00
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.00
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.00
14) L4 Aroclor-1242	7.13	10.82	16625	15809	454.957	455.0
15) L4 Aroclor-1242 {2}	8.58	11.89	26429	7642	495.189	502.7
16) L4 Aroclor-1242 {3}	8.97	12.18	10795	21581	506.008	501.8
17) L4 Aroclor-1242 (4)	9.30	12.77	9157	9933	522.172	491.1
18) L4 Aroclor-1242 (5)	9.69	13.35	13188	8539	468.025	441.5
Total Aroclor-1242			76194	63504	2446.352	2392.1
Average Aroclor-1242					489.270	478.47
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.

385

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1446F.D Vial: 32
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1446F.D\E1A1446R.D
 Acq On : 06 Aug 97 11:44 AM Operator: JS/GML
 Sample : D1145-63,PS-91(2),P0801-B3,,,5X Inst : E1
 Misc : 0,,,2,,,25000,,,15,0,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 6 12:27 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

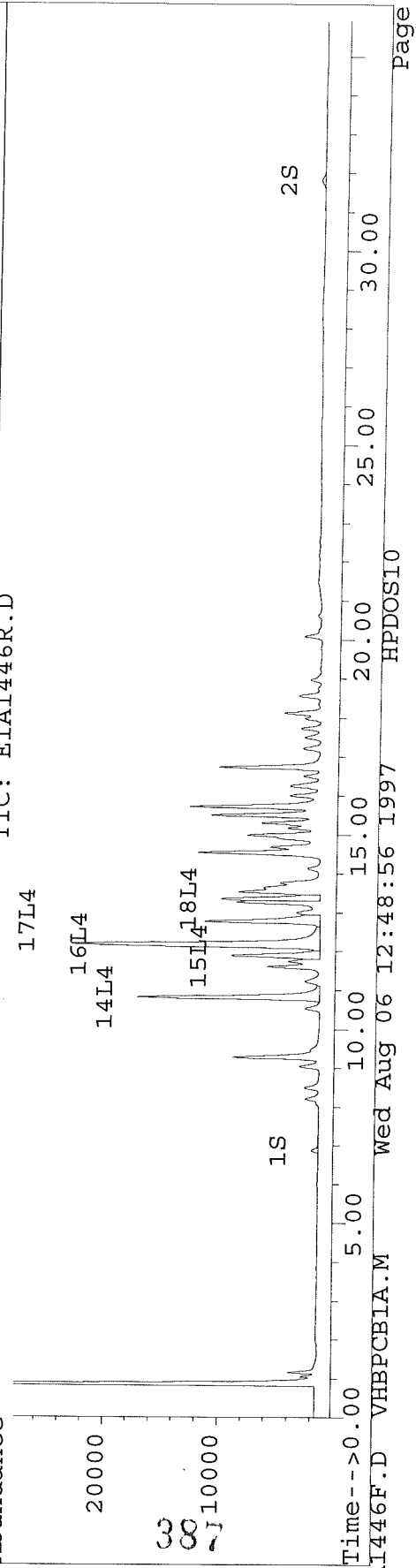
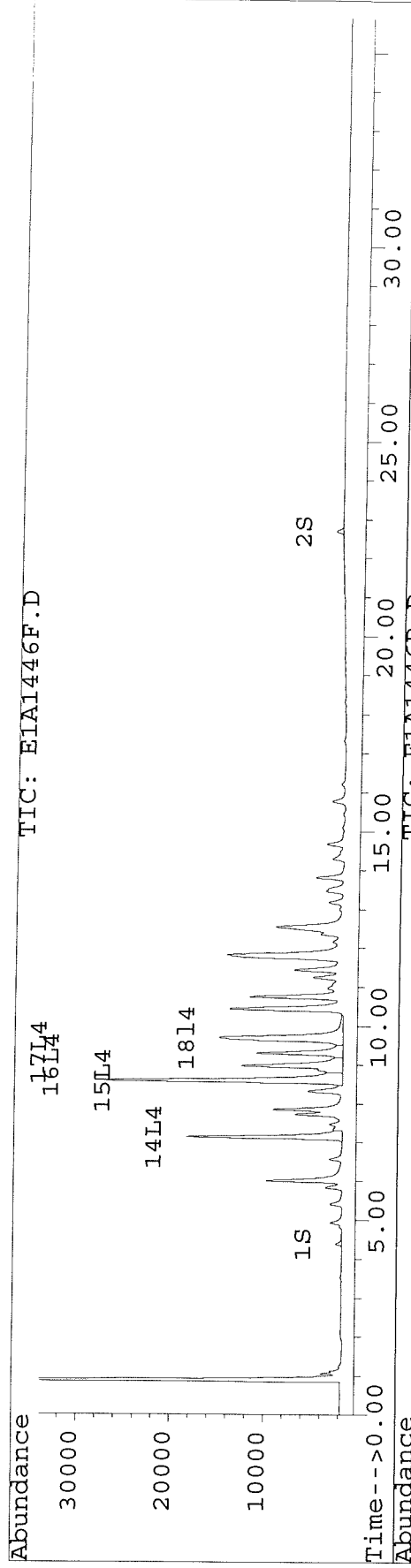
386

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1446F.D Vial: 32
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1446R.D
Acq On : 06 Aug 97 11:44 AM Operator: JS/GML
Sample : D1145-63,PS-91(2),P0801-B3,,,5X Inst : E1
Misc : 0,,,2,,25000,,15,0,,01-AUG-97,22-JUL-97 Multiplr: 1.00
Quant Time: Aug 6 12:27 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1404F.D Vial: 6
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1404F.D\E1A1404R.D
 Acq On : 05 Aug 97 06:41 AM Operator: JS/GML
 Sample : D1145-64,PS-97,P0801-B3 Inst : E1
 Misc : 0,,,2,,25000,,15,0,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 5 8:12 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
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 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	3579	3224	15.667	15.269
			Recovery	=	39.17%	38.17%
2) S Decachlorobiphenyl	22.68	31.79	4725	2153	19.417	18.985
			Recovery	=	48.54%	47.47%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.60	12.17	764	743	8.560	8.409
4) M 2,2',3,3',4,4'-Hexa	17.33	22.16	83207	22373	457.214	135.921
5) L1 Aroclor-1016	7.13	10.81	805	796	25.618	26.931
6) L1 Aroclor-1016 {2}	8.60	12.17	764	743	16.843	20.071
7) L1 Aroclor-1016 {3}	9.64f	12.77	3055	355	126.533	20.441
Total Aroclor-1016			4624	1894	168.993	67.458
Average Aroclor-1016					56.331	22.486
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52f	0.00	585	0	86.045	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			585	0	86.045	N.D.
Average Aroclor-1221					86.045	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	7.13	10.81	805	796	22.024	22.921
15) L4 Aroclor-1242 {2}	8.60	11.89	764	324	14.309	21.321
16) L4 Aroclor-1242 {3}	8.98	12.17	360	743	16.863	17.261
17) L4 Aroclor-1242 (4)	9.30	12.77	280	355	15.985	17.531
18) L4 Aroclor-1242 (5)	9.64f	13.35	3055	2942	108.428	152.141
Total Aroclor-1242			5264	5160	177.609	231.201
Average Aroclor-1242					35.522	46.241
19) L5 Aroclor-1248	10.43	14.98	655	268	24.396	17.8

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1404F.D Vial: 6
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1404F.D\E1A1404R.D
 Acq On : 05 Aug 97 06:41 AM Operator: JS/GML
 Sample : D1145-64,PS-97,P0801-B3 Inst : E1
 Misc : 0,,2,,25000,,15,0,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 5 8:12 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

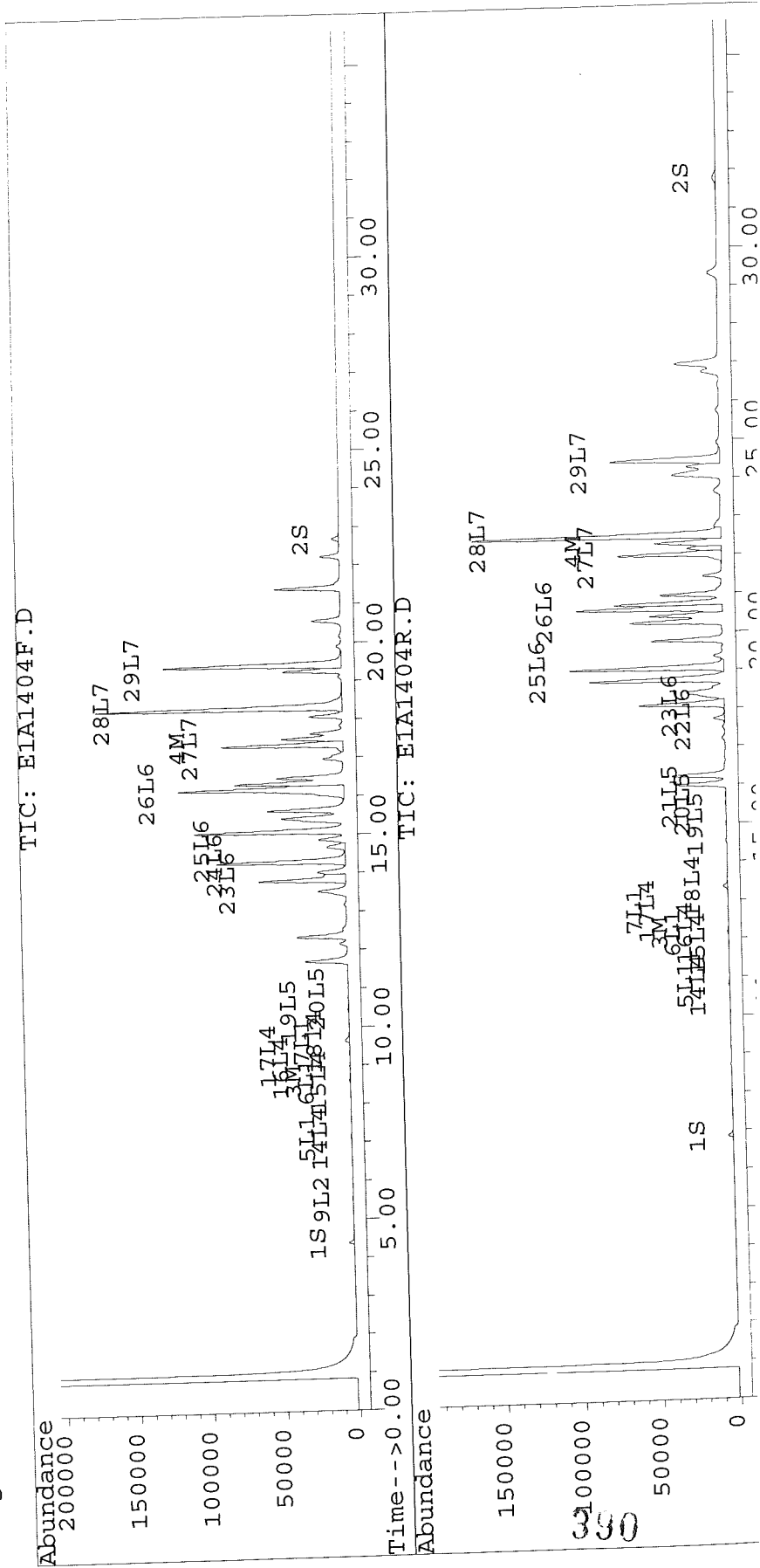
Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.74	15.50	423	509	18.951	21.356
21) L5 Aroclor-1248 {3}	0.00	15.72	0	430	N.D.	17.260
Total Aroclor-1248			1079	1207	43.347	56.420
Average Aroclor-1248					21.673	18.807
22) L6 Aroclor-1254	0.00	17.72	0	7159	N.D.	203.576
23) L6 Aroclor-1254 {2}	13.81	18.09	59464	55069	786.027	714.552
24) L6 Aroclor-1254 {3}	14.29	0.00	88126	0	2418.537	N.D.
25) L6 Aroclor-1254 (4)	14.67	19.05	12518	99368	274.308	3028.90
26) L6 Aroclor-1254 (5)	16.19	20.60	113425	94132	1883.195	1814.1
Total Aroclor-1254			273534	255728	5362.067	5761.7
Average Aroclor-1254					1340.517	1440.4
27) L7 Aroclor-1260	17.33	22.00	83207	67117	2562.271	2679.
28) L7 Aroclor-1260 {2}	18.30	22.50	168891	160313	2704.509	2722.
29) L7 Aroclor-1260 {3}	19.42	24.46	121712	70761	2724.049	2860.
Total Aroclor-1260			373811	298191	7990.829	8262.9
Average Aroclor-1260					2663.610	2754.3

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1404F.D Vial: 6
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1404F.D
 Acq On : 05 Aug 97 06:41 AM Operator: JS/GML
 Sample : D1145-64,PS-97,P0801-B3 Inst : E1
 Misc : 0,,2,,25000,,15,0,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 5 8:12 1997

Method : C:\HPCHEM\5\METHODS\VHPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
 Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
 Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1447F.D Vial: 33
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1447F.D\E1A1447R.D
 Acq On : 06 Aug 97 12:24 PM Operator: JS/GML
 Sample : D1145-64,PS-97,P0801-B3,,,3X Inst : E1
 Misc : 0,,,2,,25000,,15,0,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 6 13:03 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.39	6.88	1124	1018	4.922	4.819
			Recovery	=	12.31%	12.05%
2) S Decachlorobiphenyl	22.70	31.82f	1574	701	6.468	6.184m
			Recovery	=	16.17%	15.46%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1447F.D Vial: 33
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1447F.D\E1A1447R.D
 Acq On : 06 Aug 97 12:24 PM Operator: JS/GML
 Sample : D1145-64,PS-97,P0801-B3,,,3X Inst : E1
 Misc : 0,,,2,,25000,,15,0,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 6 13:03 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	17.34	22.02	30546	23689	940.632	945.838
28) L7 Aroclor-1260 {2}	18.31	22.52	61252	57563	980.855	977.490
29) L7 Aroclor-1260 {3}	19.43	24.47	43400	24276	971.329	981.477
Total Aroclor-1260			135198	105529	2892.817	2904.804
Average Aroclor-1260					964.272	968.268

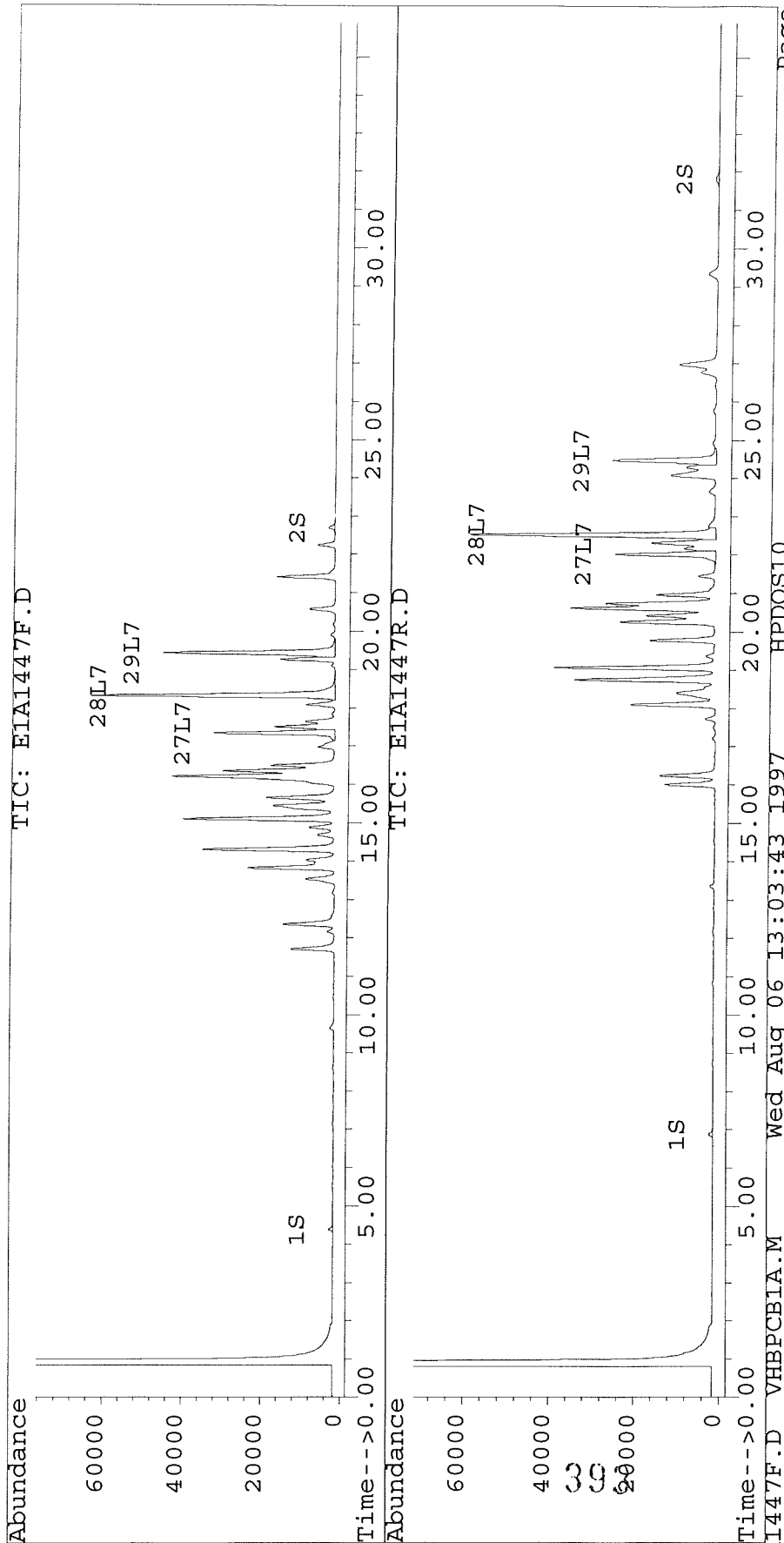
392

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1447F.D Vial: 33
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1447F.D\E1A1447R.D
Acq On : 06 Aug 97 12:24 PM Operator: JS/GML
Sample : D1145-64,PS-97,P0801-B3,,3X Inst : E1
Misc : 0,,2,,25000,,15,0,,01-AUG-97,22-JUL-97 Multiplr: 1.00
Quant Time: Aug 6 13:03 1997

Method : C:\HPCHEM\5\METHODS\VHBPCBIA.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



MITKEM CORP. % Moisture and % Solid Determination Log Book												
Date In	Sample ID	Oven Temp. In	Tare Wt. (g)	Wet Wt. (g)	Wet Wt. Tared (g)	Date Out	Oven Temp. Out	Dry Wt. (g)	Dry Wt. Tared (g)	% Solids	Analyst	Calc. Checked
8-1-97	D1145-32	104°C	1.0	11.0	10.0	8/4/97	105°C	10.0	9.0	90	HO	
	-33							10.3	9.8	93		
	-34							9.9	8.9	89		
	-35							9.4	8.4	84		
	-36							9.1	8.1	81		
	-37							8.8	7.8	78		
	-38							9.5	8.5	85		
	-39							9.9	8.9	89		
	-40							10.0	9.0	90		
8/1/97	D1145-161	104°C	1.0	11.0	10.0			8.9	8.7.9	79		
	-102							11.0	10.0	100		
	-103							11.0	10.0	100		
	-104							11.0	10.0	100		

QC Batch: P0801-B2

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1420F.D Vial: 83
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1420F.D\E1A1420R.D
 Acq On : 05 Aug 97 05:52 PM Operator: JS/GML
 Sample : D1145-65,GERB-1,P0801-B2 Inst : E1
 Misc : 0,,,1,,10000,810,,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 6 10:48 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	3581	3158	15.675	14.953 ✓
			Recovery	=	39.19%	37.38%
2) S Decachlorobiphenyl	22.68	31.80	1502	634	6.172m	5.594m ✓
			Recovery	=	15.43%	13.99%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1420F.D Vial: 83
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1420F.D\E1A1420R.D
 Acq On : 05 Aug 97 05:52 PM Operator: JS/GML
 Sample : D1145-65,GERB-1,P0801-B2 Inst : E1
 Misc : 0,,1,,10000,810,,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 6 10:48 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

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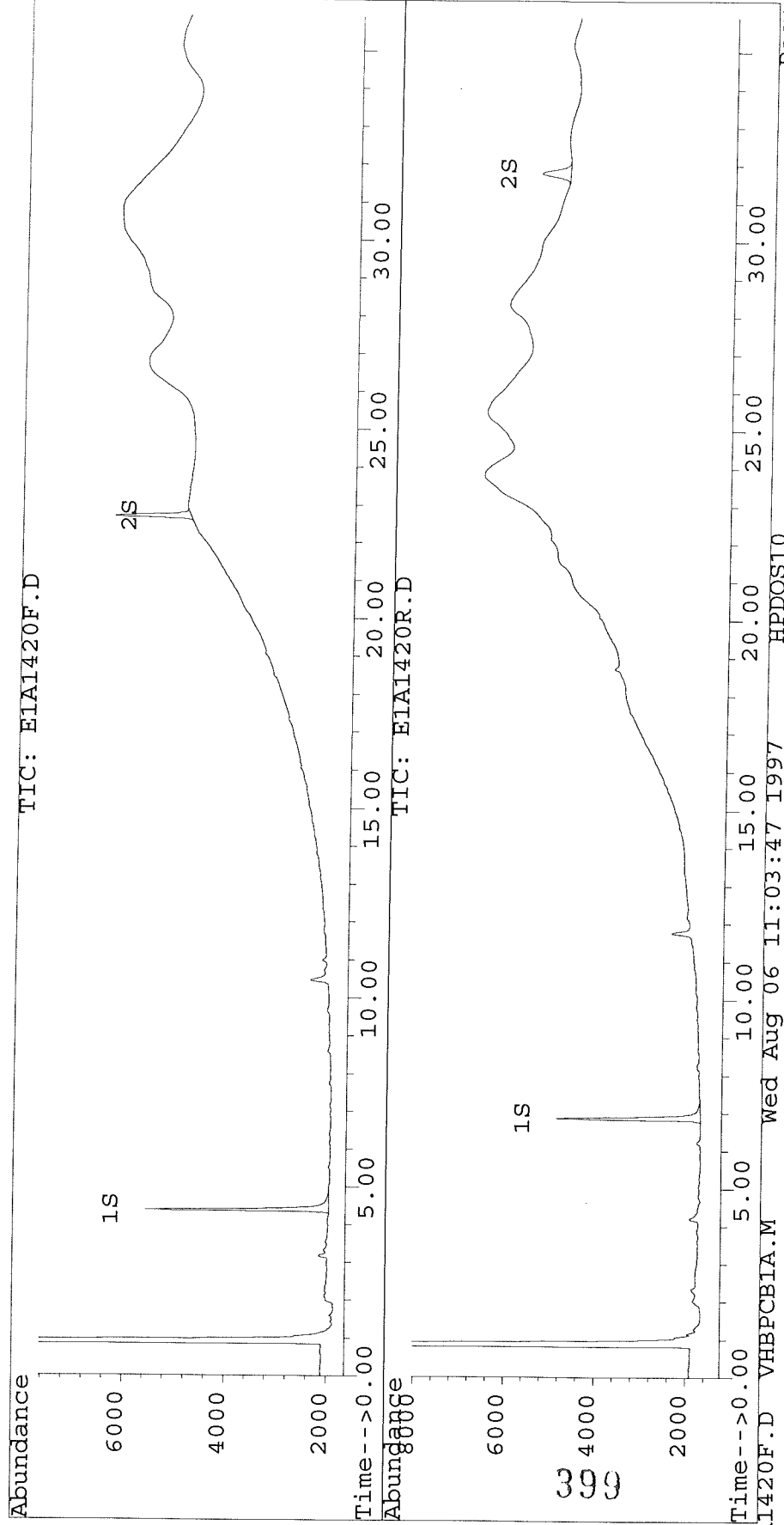
398

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1420F.D Vial: 83
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1420R.D
Acq On : 05 Aug 97 05:52 PM Operator: JS/GML
Sample : D1145-65,GERB-1,P0801-B2 Inst : E1
Misc : 0,,1,,10000,810,,01-AUG-97,22-JUL-97 Multiplr: 1.00
Quant Time: Aug 6 10:48 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1448F.D Vial: 84
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1448F.D\E1A1448R.D
 Acq On : 06 Aug 97 01:03 PM Operator: JS/GML
 Sample : D1145-66,GERB-2,P0801-B2 Inst : E1
 Misc : 0,,1,,10000,840,,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 6 13:47 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.39	6.88	3153	2774	13.799	13.137 ✓
			Recovery	=	34.50%	32.84%
2) S Decachlorobiphenyl	22.70	31.82f	1959	876	8.050	7.727m ✓
			Recovery	=	20.13%	19.32%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

400

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1448F.D Vial: 84
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1448F.D\E1A1448R.D
 Acq On : 06 Aug 97 01:03 PM Operator: JS/GML
 Sample : D1145-66,GERB-2,P0801-B2 Inst : E1
 Misc : 0,,,1,,10000,840,,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 6 13:47 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

k

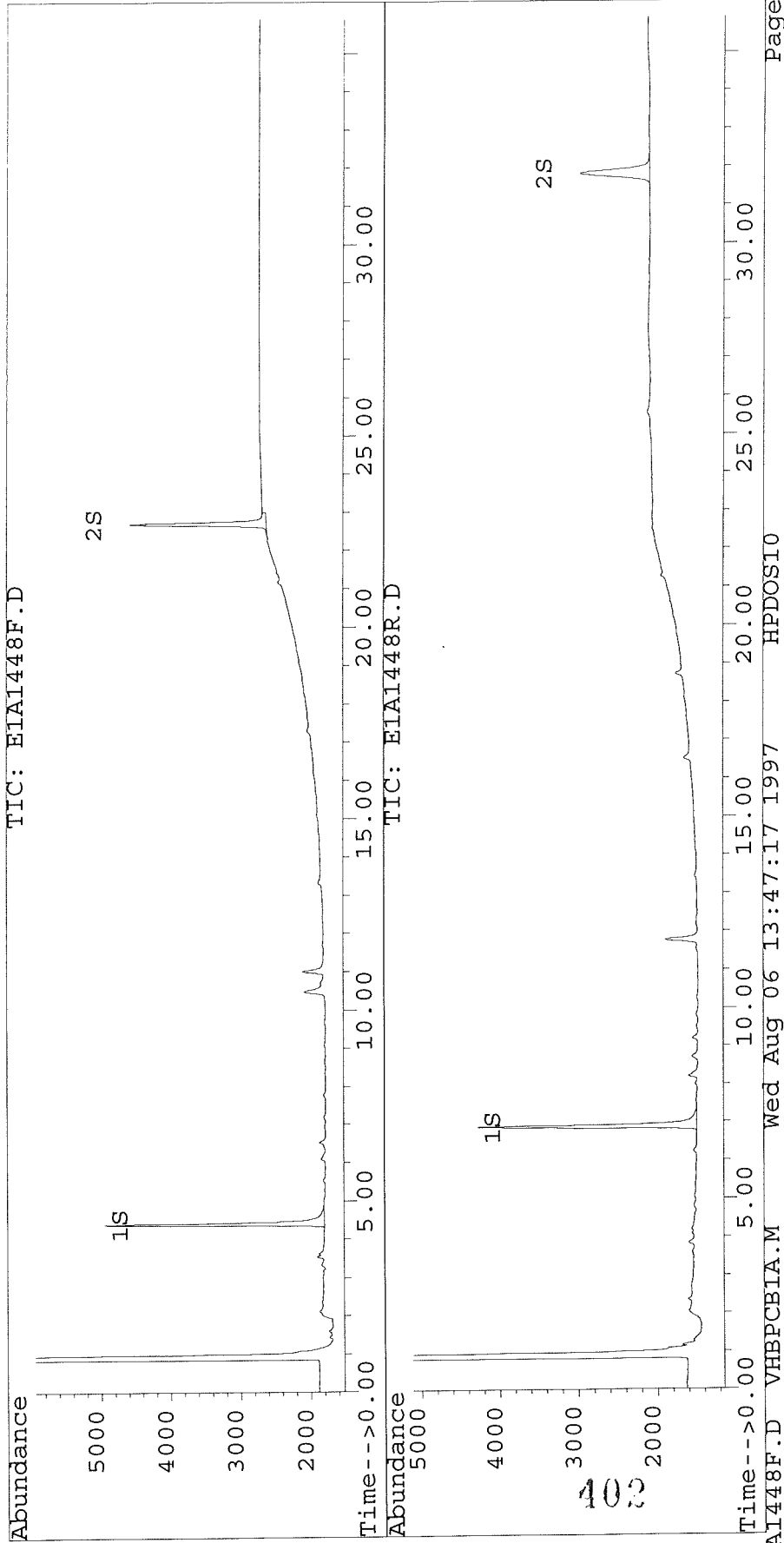
401

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1448F.D Vial: 84
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1448F.D
Acq On : 06 Aug 97 01:03 PM Operator: JS/GML
Sample : D1145-66,GERB-2,P0801-B2 Inst : E1
Misc : 0,,1,,10000,840,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
Quant Time: Aug 6 13:47 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1449F.D Vial: 85
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1449F.D\E1A1449R.D
 Acq On : 06 Aug 97 01:43 PM Operator: JS/GML
 Sample : D1145-67,GERB-3,P0801-B2 Inst : E1
 Misc : 0,,1,,10000,910,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 6 14:35 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.87	3536	3203	15.479	15.166 ✓
			Recovery	=	38.70%	37.92% ✓
2) S Decachlorobiphenyl	22.70	31.82f	3253	1421	13.368	12.534m
			Recovery	=	33.42%	31.34%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1449F.D Vial: 85
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1449F.D\E1A1449R.D
 Acq On : 06 Aug 97 01:43 PM Operator: JS/GML
 Sample : D1145-67,GERB-3,P0801-B2 Inst : E1
 Misc : 0,,,1,,10000,910,,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 6 14:35 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

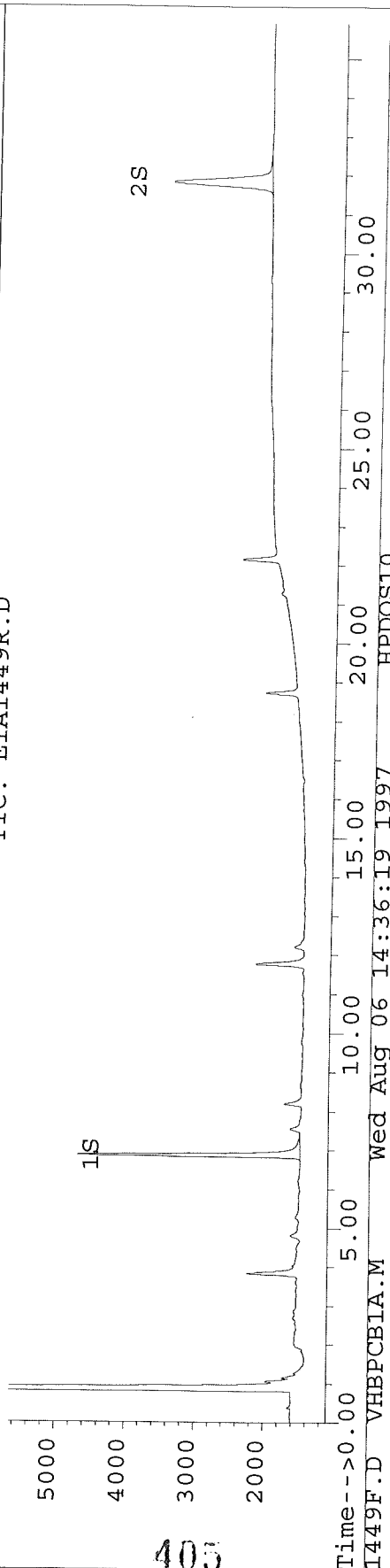
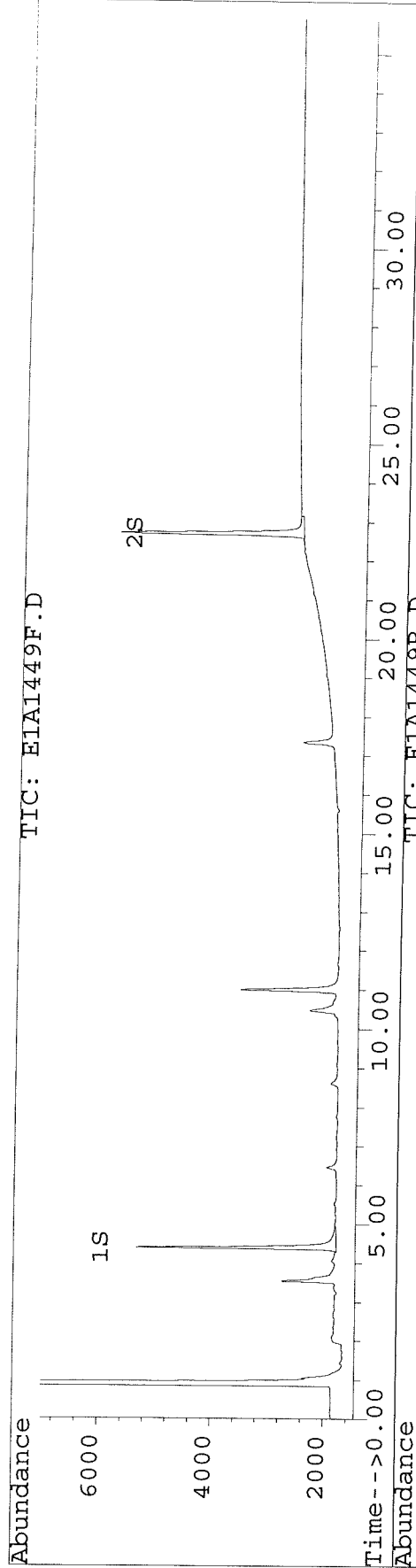
V

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1449F.D Vial: 85
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1449R.D
Acq On : 06 Aug 97 01:43 PM Operator: JS/GML
Sample : D1145-67,GERB-3,P0801-B2 Inst : E1
Misc : 0,,1,,10000,910,,01-AUG-97,22-JUL-97 Multiplr: 1.00
Quant Time: Aug 6 14:35 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1459F.D Vial: 86
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1459F.D\E1A1459R.D
 Acq On : 06 Aug 97 08:38 PM Operator: JS/GML
 Sample : D1145-68, BERB-1, P0801-B2 Inst : E1
 Misc : 0,,1,,10000,750,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 7 12:04 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds					73	
1) S Tetrachloro-m-xylene	4.39	6.87	3352	3119	14.671	14.769
			Recovery	=	36.68%	36.92%
2) S Decachlorobiphenyl	22.69	31.82f	1710	750	7.026	6.616m
			Recovery	=	17.57%	16.54%
Target Compounds					35	cc ↓
3) M 2,4,4'-Trichlorobip	8.60	0.00	12	0	0.133	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}	8.60	0.00	12	0	0.263	N.D. #
7) L1 Aroclor-1016 {3}	9.66	0.00	26	0	1.092	N.D. #
Total Aroclor-1016			38	0	1.355	N.D.
Average Aroclor-1016					0.677	0.000
8) L2 Aroclor-1221	3.62	6.10	37	28	4.569	3.865
9) L2 Aroclor-1221 {2}	5.52f	0.00	33	0	4.908	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			70	28	9.478	3.865
Average Aroclor-1221					4.739	3.865
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}	8.60	0.00	12	0	0.223	N.D. #
16) L4 Aroclor-1242 {3}	8.93	0.00	18	0	0.835	N.D. #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	9.66	13.37f	26	23	0.936	1.200 #
Total Aroclor-1242			56	23	1.993	1.200
Average Aroclor-1242					0.664	1.200
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

406

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1459F.D Vial: 86
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1459F.D\E1A1459R.D
 Acq On : 06 Aug 97 08:38 PM Operator: JS/GML
 Sample : D1145-68,BERB-1,P0801-B2 Inst : E1
 Misc : 0,,,1,,10000,750,,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 7 12:04 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.71	0.00	45	0	2.027	N.D. #
21) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			45	0	2.027	N.D.
Average Aroclor-1248					2.027	0.000
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	13.82	18.12	14	19	0.181	0.252 #
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
25) L6 Aroclor-1254 (4)	0.00	19.08f	0	12	N.D.	0.378 #
26) L6 Aroclor-1254 (5)	16.23f	0.00	11	0	0.176	N.D. #
Total Aroclor-1254			24	32	0.357	0.630
Average Aroclor-1254					0.179	0.315
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
29) 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

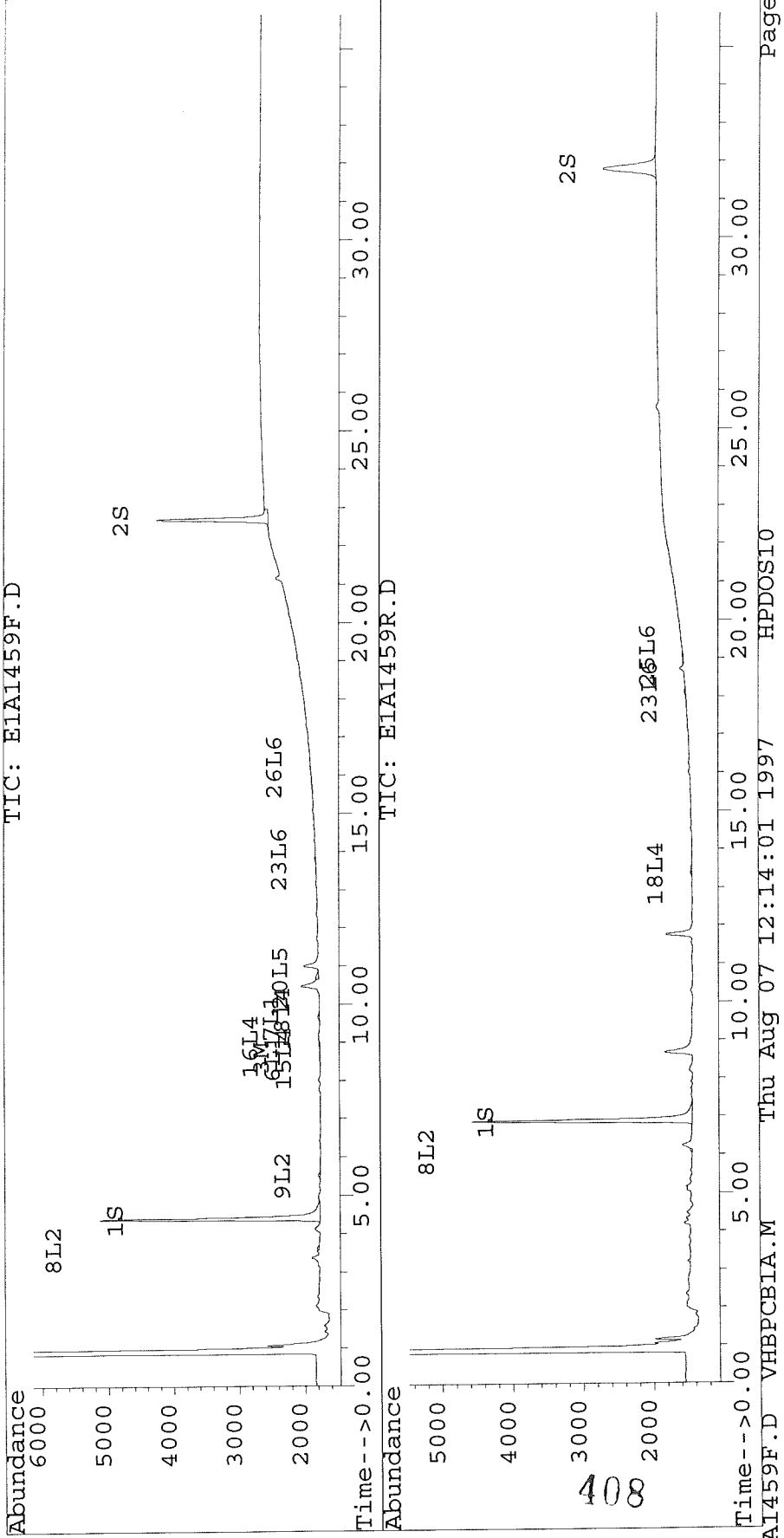
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1459F.D Vial: 86
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1459R.D
Acq On : 06 Aug 97 08:38 PM Operator: JS/GML
Sample : D1145-68,BERB-1,P0801-B2 Inst : E1
Misc : 0,,1,,10000,750,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
Quant Time: Aug 7 12:04 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1451F.D Vial: 87
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1451F.D\E1A1451R.D
 Acq On : 06 Aug 97 03:02 PM Operator: JS/GML
 Sample : D1145-69,BERB-2,P0801-B2 Inst : E1
 Misc : 0,,,1,,10000,830,,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 6 15:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.39	6.87	3597	3286	15.745	15.563 ✓
			Recovery	=	39.36%	38.91%
2) S Decachlorobiphenyl	22.70	31.82f	1540	691	6.330	6.093m ✓
			Recovery	=	15.83%	15.23%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.60	12.19	20	20	0.220	0.230
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}	8.60	12.19	20	20	0.432	0.550 #
7) L1 Aroclor-1016 {3}	9.68	0.00	20	0	0.811	N.D. #
Total Aroclor-1016			39	20	1.243	0.550
Average Aroclor-1016					0.622	0.550
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52f	0.00	39	0	5.675	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			39	0	5.675	N.D.
Average Aroclor-1221					5.675	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	12.34f	0	24	N.D.	1.540 #
Total Aroclor-1232			0	24	N.D.	1.540
Average Aroclor-1232					0.000	1.540
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	8.60	0.00	20	0	0.367	N.D. #
16) L4 Aroclor-1242 {3}	0.00	12.19	0	20	N.D.	0.473 #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	9.68	0.00	20	0	0.695	N.D. #
Total Aroclor-1242			39	20	1.062	0.473
Average Aroclor-1242					0.531	0.473
19) L5 Aroclor-1248	0.00	15.00	0	19	N.D.	1.249 #

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1451F.D Vial: 87
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1451F.D\E1A1451R.D
 Acq On : 06 Aug 97 03:02 PM Operator: JS/GML
 Sample : D1145-69,BERB-2,P0801-B2 Inst : E1
 Misc : 0,,,1,,10000,830,,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 6 15:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.71	0.00	45	0	1.996	N.D. #
21) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			45	19	1.996	1.249
Average Aroclor-1248					1.996	1.249
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	18.12	0	40	N.D.	0.523 #
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	40	N.D.	0.523
Average Aroclor-1254					0.000	0.523
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
29) 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

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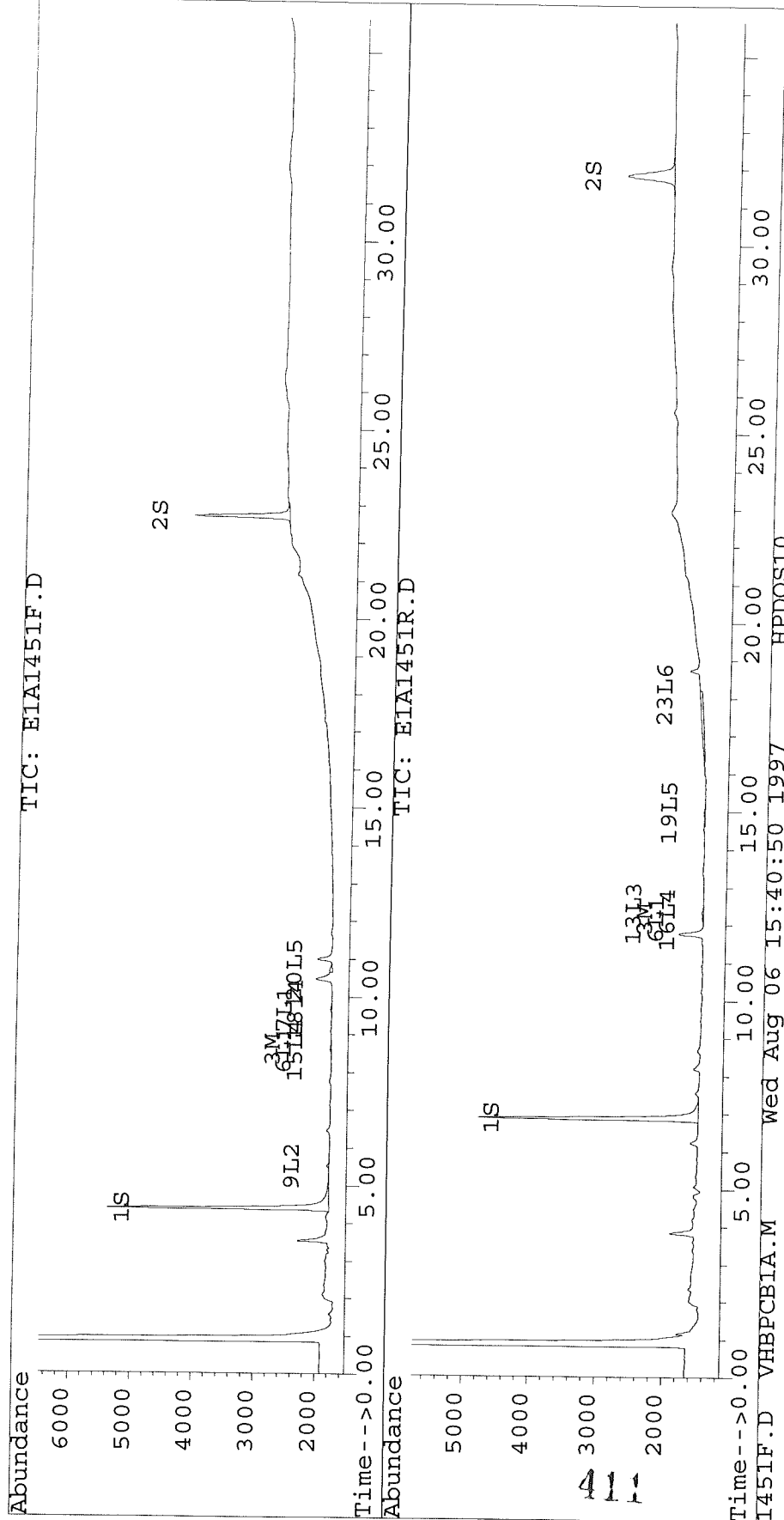
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1451F.D Vial: 87
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1451F.D\E1A1451R.D
Acq On : 06 Aug 97 03:02 PM Operator: JS/GML
Sample : D1145-69,BERB-2,P0801-B2 Inst : E1
Misc : 0,,1,,10000,830,,01-AUG-97,22-JUL-97 Multiplr: 1.00
Quant Time: Aug 6 15:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1452F.D Vial: 88
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1452F.D\E1A1452R.D
 Acq On : 06 Aug 97 03:41 PM Operator: JS/GML
 Sample : D1145-70, BERB-3, P0801-B2 Inst : E1
 Misc : 0,,,1,,10000,890,,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 6 16:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.39	6.86	3835	3289	16.785	15.573 ✓
			Recovery	=	41.96%	38.93% ✓
2) S Decachlorobiphenyl	22.70	31.81	2925	1282	12.020m	11.308m
			Recovery	=	30.05%	28.27%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

412

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1452F.D Vial: 88
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1452F.D\E1A1452R.D
 Acq On : 06 Aug 97 03:41 PM Operator: JS/GML
 Sample : D1145-70,BERB-3,P0801-B2 Inst : E1
 Misc : 0,,,1,,10000,890,,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 6 16:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

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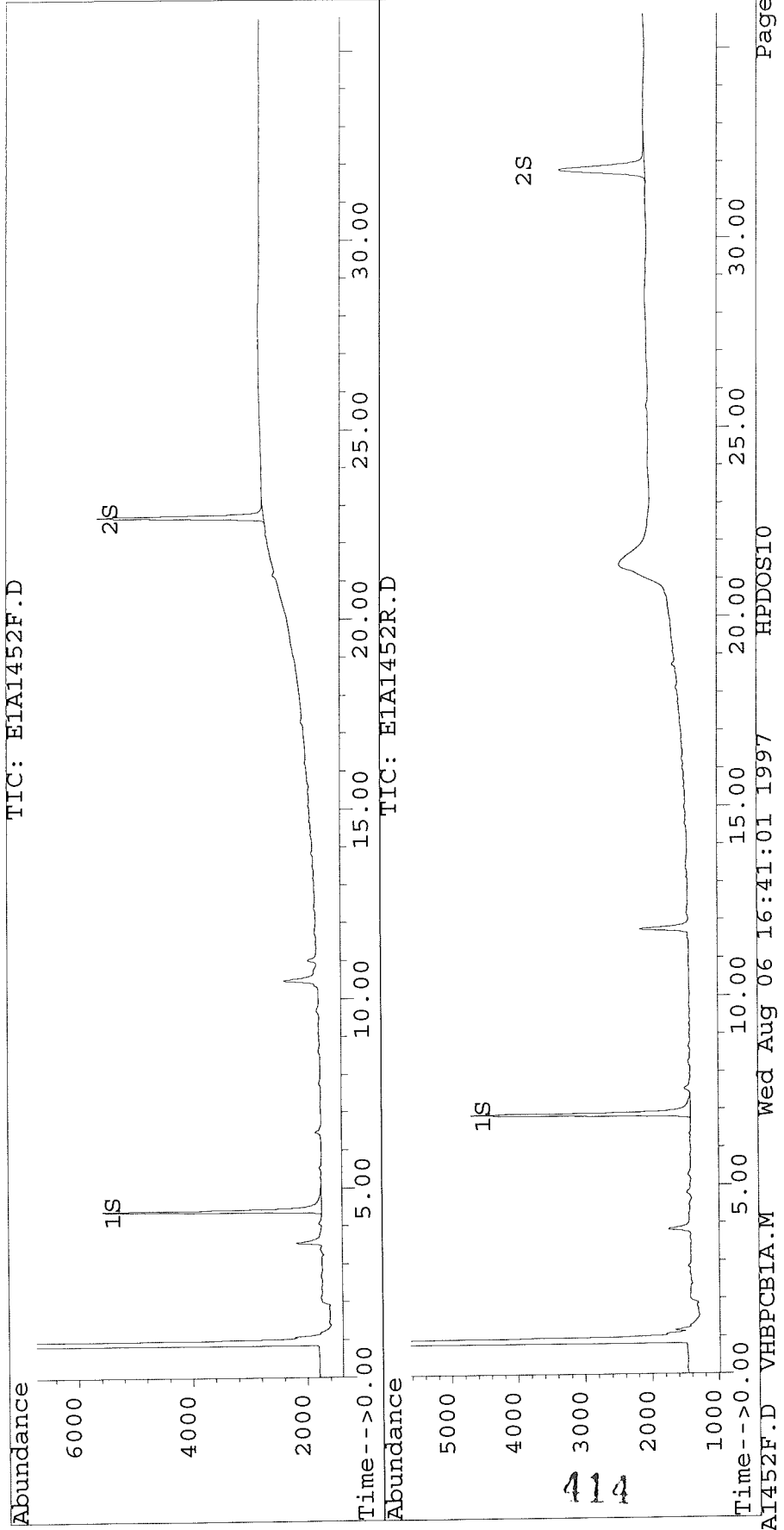
413

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1452F.D Vial: 88
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1452R.D
Acq On : 06 Aug 97 03:41 PM Operator: JS/GML
Sample : D1145-70, BERB-3, P0801-B2 Inst : E1
Misc : 0,,1,,10000,890,,01-AUG-97,22-JUL-97 Multiplr: 1.00
Quant Time: Aug 6 16:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1458F.D Vial: 89
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1458F.D\E1A1458R.D
 Acq On : 06 Aug 97 07:58 PM Operator: JS/GML
 Sample : D1145-71,WB-1,P0801-B2 Inst : E1
 Misc : 0,,,1,,10000,940,,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 7 12:04 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.39	6.87	3418	3154	14.961	14.938
			Recovery	=	37.40%	37.35%
2) S Decachlorobiphenyl	22.69	31.82f	2336	1052	9.601	9.279m
			Recovery	=	24.00%	23.20%
					46	cc ↓
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	17.30	0.00	46	0	0.254	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	3.63	0.00	52	0	6.473	N.D. #
9) L2 Aroclor-1221 {2}	5.53f	0.00	33	0	4.790	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			84	0	11.263	N.D.
Average Aroclor-1221					5.632	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	10.98f	0	23	N.D.	1.665 #
13) L3 Aroclor-1232 {3}	0.00	12.31	0	32	N.D.	2.093 #
Total Aroclor-1232			0	56	N.D.	3.758
Average Aroclor-1232					0.000	1.879
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.
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

415

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1458F.D Vial: 89
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1458F.D\E1A1458R.D
 Acq On : 06 Aug 97 07:58 PM Operator: JS/GML
 Sample : D1145-71,WB-1,P0801-B2 Inst : E1
 Misc : 0,,,1,,10000,940,,,,,01-AUG-97,22-JUL-97 Multiplr: 1.00
 Quant Time: Aug 7 12:04 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

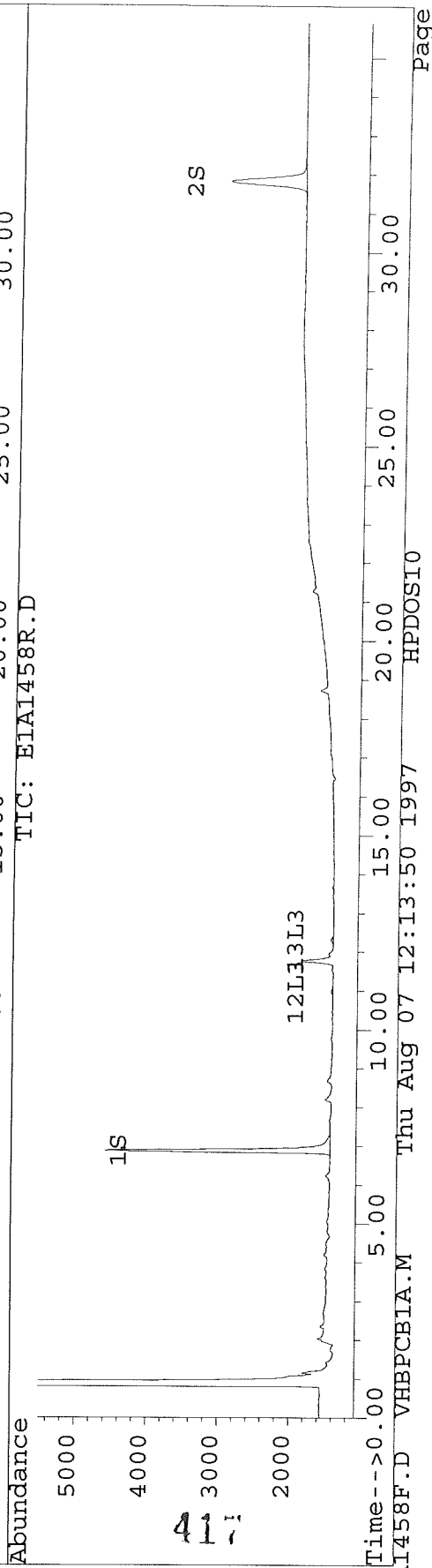
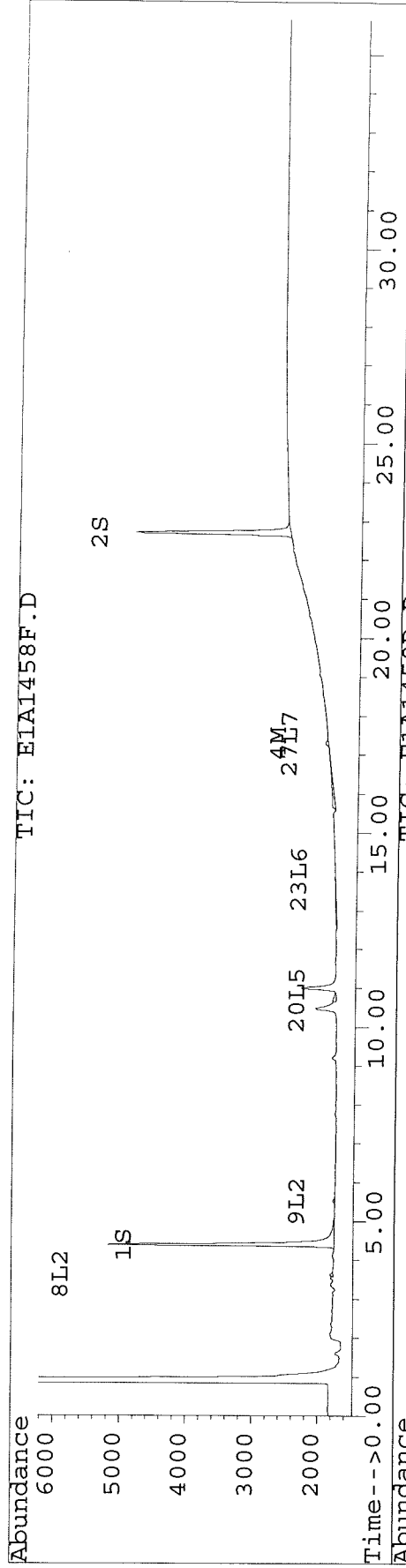
Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.69	0.00	52	0	2.316	N.D. #
21) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			52	0	2.316	N.D.
Average Aroclor-1248					2.316	0.000
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	13.83	0.00	6	0	0.075	N.D. #
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			6	0	0.075	N.D.
Average Aroclor-1254					0.075	0.000
27) L7 Aroclor-1260	17.30	0.00	46	0	1.421	N.D. #
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			46	0	1.421	N.D.
Average Aroclor-1260					1.421	0.000

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1458F.D Vial: 89
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1458R.D
Acq On : 06 Aug 97 07:58 PM Operator: JS/GML
Sample : D1145-71,WB-1,P0801-B2 Inst : E1
Misc : 0,,1,,10000,940,,01-AUG-97,22-JUL-97 Multiplr: 1.00
Quant Time: Aug 7 12:04 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



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

Date:	Analysis:	PCB (VHB)	Sample Matrix:	Project #:
Blank ID	Method:	Surro. Spike Added	Analyst:	Client:
Sample ID	Weight/Vol Extracted	Matrix Spike Added	Date Florisil	Date Ext Transfer
			Date Final Conc	Final Ext Vol
				Comments
8-1-97	PCB (VHB)			D1145
P0801-620	1L	PW970725A 400 µL		
-LC52	↓	PW970725B 400 µL		
P01145-65*	810 mL	N	8-2-97	8-2-97
-66*	840 mL	N		Spiker: HO
-67	910 mL	N		Witness: ARW
-68	750 mL	N		* heavy emission
-69	830 mL	N		
-70	890 mL	N		
-71	940 mL	N		
8/1/97 HO				
—————				
418				

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1422F.D Vial: 81
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1422F.D\E1A1422R.D
 Acq On : 05 Aug 97 07:55 PM Operator: JS/GML
 Sample : P0801-B2,P0801-B2,P0801-B2 Inst : E1
 Misc : Multiplr: 1.00
 Quant Time: Aug 6 10:50 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	3446	3143	15.084	14.886
			Recovery	=	37.71%	37.22%
2) S Decachlorobiphenyl	22.68	31.79	3292	1418	13.530m	12.510m
			Recovery	=	33.83%	31.28%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

419

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1422F.D Vial: 81
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1422F.D\E1A1422R.D
 Acq On : 05 Aug 97 07:55 PM Operator: JS/GML
 Sample : P0801-B2,P0801-B2,P0801-B2 Inst : E1
 Misc : Multiplr: 1.00
 Quant Time: Aug 6 10:50 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

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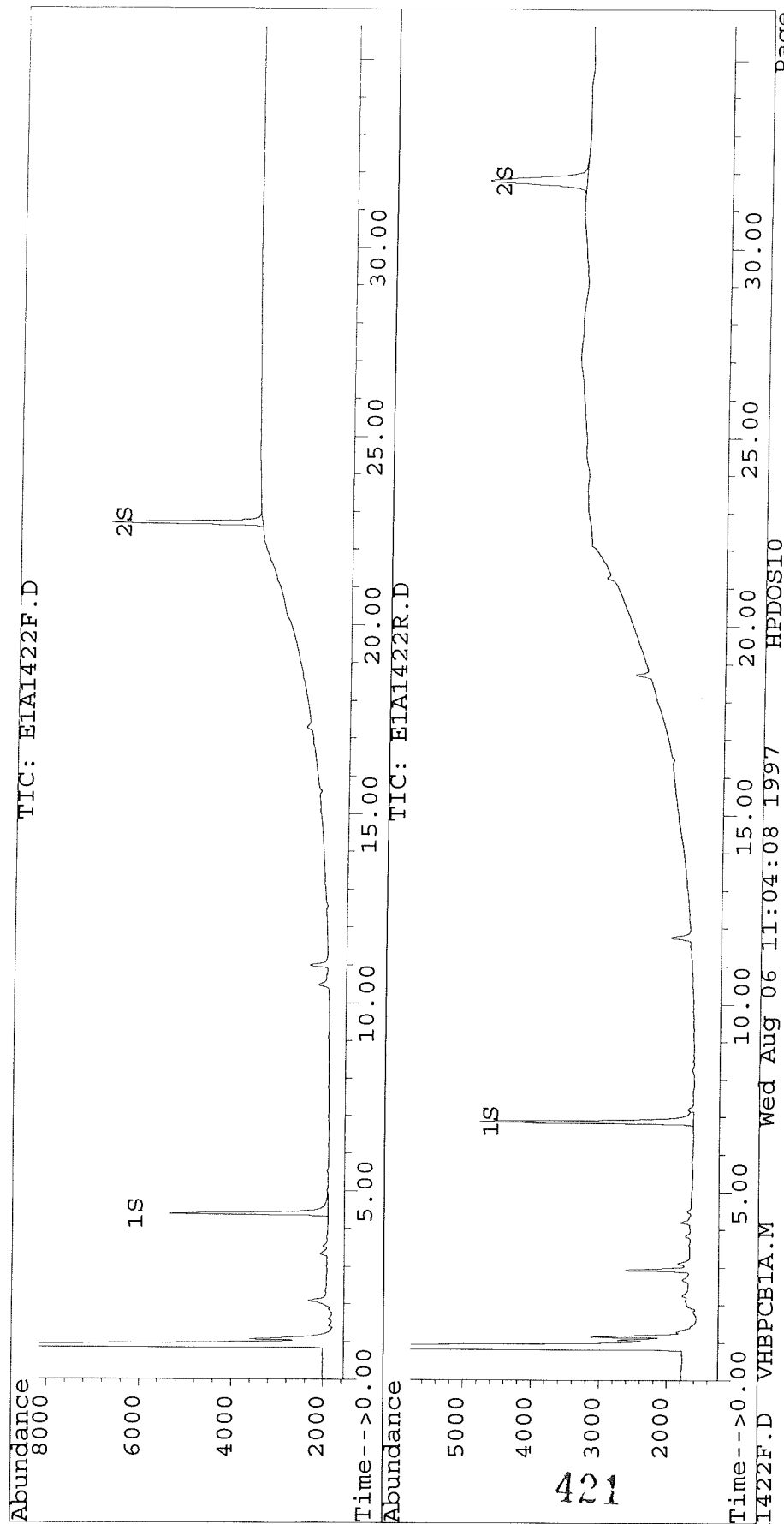
420

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1422F.D Vial: 81
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1422R.D
Acq On : 05 Aug 97 07:55 PM Operator: JS/GML
Sample : P0801-B2,P0801-B2,P0801-B2 Inst : E1
Misc : Multiplr: 1.00
Quant Time: Aug 6 10:50 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1419F.D Vial: 82
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1419F.D\E1A1419R.D
 Acq On : 05 Aug 97 05:12 PM Operator: JS/GML
 Sample : P0801-LCS2,P0801-LCS2,P0801-B2 Inst : E1
 Misc : Multiplr: 1.00
 Quant Time: Aug 6 10:46 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	3413	3015	14.938	14.280 ✓
			Recovery	=	37.35%	35.70%
2) S Decachlorobiphenyl	22.68	31.79	2749	1146	11.298m	10.105m ✓
			Recovery	=	28.25%	25.26%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.18	72798	72667	816.015 ✓	822.510 ✓
4) M 2,2',3,3',4,4'-Hexa	17.32	22.14	134758	118803	740.480m	721.772m ✓
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

422

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1419F.D Vial: 82
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1419F.D\E1A1419R.D
 Acq On : 05 Aug 97 05:12 PM Operator: JS/GML
 Sample : P0801-LCS2,P0801-LCS2,P0801-B2 Inst : E1
 Misc : Multiplr: 1.00
 Quant Time: Aug 6 10:46 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

K

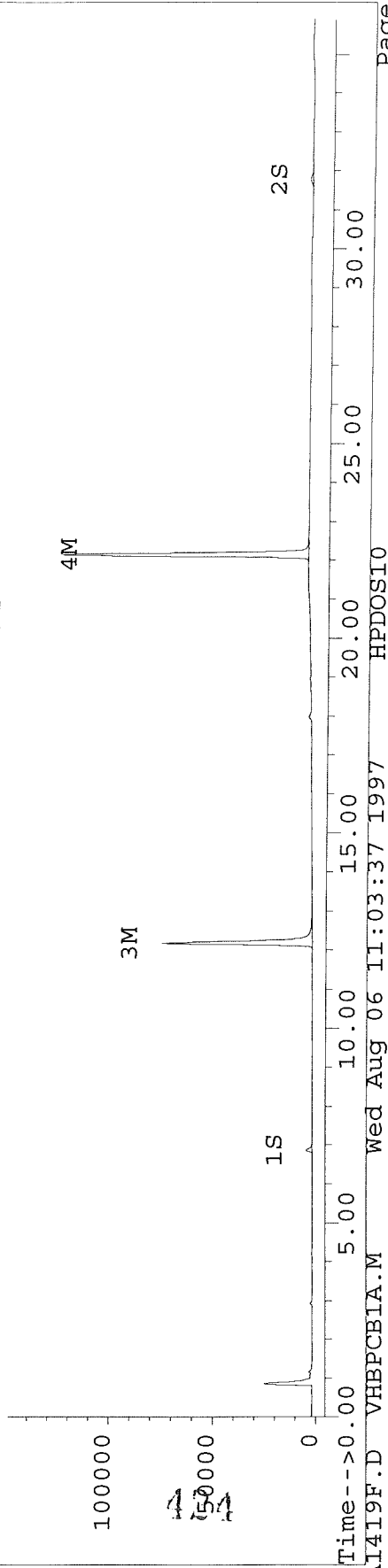
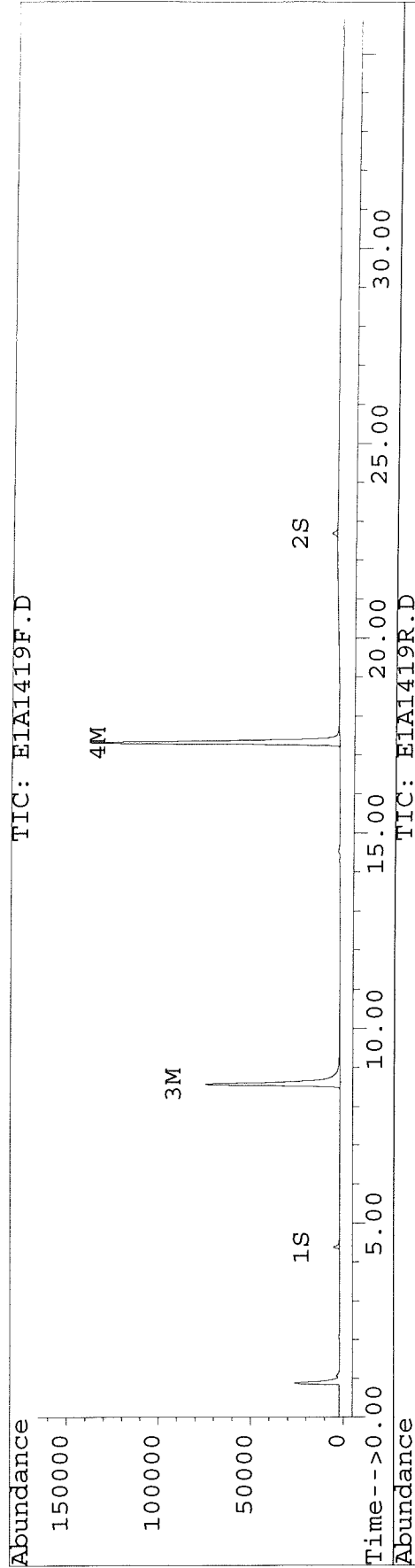
423

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1419F.D Vial: 82
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1419R.D
Acq On : 05 Aug 97 05:12 PM Operator: JS/GML
Sample : P0801-LCS2,P0801-LCS2,P0801-B2 Inst : E1
Misc : Multiplr: 1.00
Quant Time: Aug 6 10:46 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



PCB – Initial Calibrations

Response Factor Report E1

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Initial Calibration

Calibration Files

0.5 =E1A1212F.D 0.1 =E1A1213F.D 1.0 =E1A1211F.D
 2.5 =E1A1210F.D 5.0 =E1A1209F.D

Compound		0.5	0.1	1.0	2.5	5.0	Avg	%RSD
1) S	Tetrachloro-m-xylene	184.6	200.7	234.4	252.8	269.8	228.5	15.53
2) S	Decachlorobiphenyl	244.2	249.4	247.5	241.4	234.1	243.3	2.47
3) M	2,4,4'-Trichlorobiphe	99.7	80.8	94.7	87.8	83.1	89.2	8.87
4) M	2,2',3,3',4,4'-Hexach	210.9	179.6	192.5	172.7	154.3	182.0	11.68
5) L1	Aroclor-1016	32.8	34.7	33.3	29.5	26.8	31.4	10.22
6) L1	Aroclor-1016 {2}	43.4	36.6	48.8	49.7	48.2	45.3	12.06
7) L1	Aroclor-1016 {3}	25.0	25.5	25.3	23.4	21.6	24.1	6.82
8) L2	Aroclor-1221	8.0	9.4	8.8	7.3	6.6	8.0	13.93
9) L2	Aroclor-1221 {2}	5.8	6.6	7.6	6.9	7.1	6.8	9.67
10) L2	Aroclor-1221 {3}	17.0	19.4	21.3	18.3	17.9	18.8	8.77
11) L3	Aroclor-1232	16.0	18.0	16.9	16.5	13.8	16.3	9.43
12) L3	Aroclor-1232 {2}	14.3	16.9	14.6	13.8	11.2	14.1	14.22
13) L3	Aroclor-1232 {3}	17.4	17.8	19.7	21.2	18.4	18.9	8.29
14) L4	Aroclor-1242	39.8	35.0	39.9	34.6	33.5	36.5	8.37
15) L4	Aroclor-1242 {2}	52.2	37.5	59.0	57.9	60.2	53.4	17.55
16) L4	Aroclor-1242 {3}	21.3	16.2	23.3	22.4	23.4	21.3	14.10
17) L4	Aroclor-1242 (4)	16.8	12.4	18.8	18.9	20.8	17.5	18.38
18) L4	Aroclor-1242 (5)	30.4	25.5	30.9	27.3	26.8	28.2	8.25
19) L5	Aroclor-1248	27.6	28.0	27.7	26.5	24.5	26.9	5.34
20) L5	Aroclor-1248 {2}	22.0	21.9	22.9	23.0	21.9	22.3	2.39
21) L5	Aroclor-1248 {3}	27.6	26.4	28.7	29.2	28.8	28.1	4.05
22) L6	Aroclor-1254	35.4	30.7	36.7	38.9	37.1	35.7	8.69
23) L6	Aroclor-1254 {2}	78.4	68.0	79.4	79.6	72.9	75.7	6.71
24) L6	Aroclor-1254 {3}	38.3	35.9	37.8	36.6	33.6	36.4	5.10
25) L6	Aroclor-1254 (4)	45.2	39.1	47.3	49.4	47.2	45.6	8.62
26) L6	Aroclor-1254 (5)	60.7	53.8	62.4	63.7	60.5	60.2	6.32
27) L7	Aroclor-1260	32.3	31.2	33.9	33.3	31.6	32.5	3.45
28) L7	Aroclor-1260 {2}	62.2	57.9	66.2	64.3	61.7	62.4	4.96
29) L7	Aroclor-1260 {3}	43.5	39.8	46.7	47.6	45.7	44.7	6.97

Signal #2 Calibration Files

0.5 =E1A1212R.D 0.1 =E1A1213R.D 1.0 =E1A1211R.D
 2.5 =E1A1210R.D 5.0 =E1A1209R.D

Compound		0.5	0.1	1.0	2.5	5.0	Avg	%RSD
1) S	Tetrachloro-m-xylene	184.0	178.5	210.8	232.5	250.1	211.2	14.54
2) S	Decachlorobiphenyl	111.7	117.5	113.8	112.9	110.9	113.4	2.25
3) M	2,4,4'-Trichlorobiphe	101.3	82.3	94.6	84.6	79.0	88.3	10.52
4) M	2,2',3,3',4,4'-Hexach	193.8	163.3	172.5	154.1	139.3	164.6	12.40
5) L1	Aroclor-1016	31.4	33.6	30.8	27.4	24.6	29.6	12.06
6) L1	Aroclor-1016 {2}	35.7	33.5	38.8	39.3	37.6	37.0	6.54
7) L1	Aroclor-1016 {3}	17.2	16.3	18.0	17.8	17.4	17.3	3.73
8) L2	Aroclor-1221	7.0	8.4	8.0	6.4	6.0	7.1	14.45

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Response Factor Report E1

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Initial Calibration

Calibration Files

0.5 =E1A1212R.D 0.1 =E1A1213R.D 1.0 =E1A1211R.D
 2.5 =E1A1210R.D 5.0 =E1A1209R.D

Compound			0.5	0.1	1.0	2.5	5.0	Avg	%RSD
9)	L2	Aroclor-1221 {2}	5.6	6.4	7.2	6.4	6.7	6.5	8.95
10)	L2	Aroclor-1221 {3}	14.7	17.4	18.2	15.3	15.1	16.1	9.63
11)	L3	Aroclor-1232	14.5	16.9	15.1	14.5	11.9	14.6	12.31
12)	L3	Aroclor-1232 {2}	14.4	17.0	14.6	13.6	10.9	14.1	15.57
13)	L3	Aroclor-1232 {3}	14.3	16.0	15.4	16.7	14.4	15.4	6.60
14)	L4	Aroclor-1242	38.4	33.9	38.2	32.3	30.9	34.7	9.82
15)	L4	Aroclor-1242 {2}	15.9	13.0	16.6	15.2	15.3	15.2	8.88
16)	L4	Aroclor-1242 {3}	42.9	33.8	46.9	44.7	46.6	43.0	12.50
17)	L4	Aroclor-1242 (4)	20.7	16.4	22.1	20.7	21.3	20.2	11.00
18)	L4	Aroclor-1242 (5)	21.3	17.1	21.3	18.8	18.2	19.3	9.69
19)	L5	Aroclor-1248	14.8	15.1	15.1	15.4	14.9	15.1	1.38
20)	L5	Aroclor-1248 {2}	23.9	24.0	24.3	24.2	22.9	23.9	2.41
21)	L5	Aroclor-1248 {3}	24.7	24.2	25.3	25.7	24.6	24.9	2.42
22)	L6	Aroclor-1254	35.8	30.8	36.2	37.3	35.8	35.2	7.10
23)	L6	Aroclor-1254 {2}	81.4	71.4	81.2	78.7	72.7	77.1	6.14
24)	L6	Aroclor-1254 {3}	48.4	43.4	49.5	50.0	47.8	47.8	5.45
25)	L6	Aroclor-1254 (4)	34.9	32.1	34.0	32.8	30.2	32.8	5.58
26)	L6	Aroclor-1254 (5)	53.1	47.3	53.9	54.3	50.8	51.9	5.62
27)	L7	Aroclor-1260	24.7	24.4	26.3	25.3	24.5	25.0	3.13
28)	L7	Aroclor-1260 {2}	59.0	55.9	62.5	59.8	57.1	58.9	4.35
29)	L7	Aroclor-1260 {3}	23.6	22.3	26.0	26.1	25.8	24.7	6.96

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1184F.D Vial: 1
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1184F.D\E1A1184R.D
 Acq On : 29 Jul 97 05:58 PM Operator: JS
 Sample : ar1221e,ar1221e,,ar1221.sub Inst : E1
 Misc : 1,5,,3 Multiplr: 1.00
 Quant Time: Jul 30 12:34 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.55f	7.11f	29215	26901	125.642	144.104m
			Recovery	=	314.11%	360.26%
2) S Decachlorobiphenyl	23.06f	32.75f	24845	11982	199.169m	208.485m
			Recovery	=	497.92%	521.21%
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.	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	3.66	6.20	11076	9952	1580.763	1627.354
9) L2 Aroclor-1221 {2}	5.59	8.74	11892	11153	2038.374	2286.641
10) L2 Aroclor-1221 {3}	6.20	9.54	29865	25102	1478.004	1635.087
Total Aroclor-1221			52833	46207	5097.141	5549.082
Average Aroclor-1221					1699.047	1849.694
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.	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.d	N.D.d
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D. ⁴²⁸	N.D.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1184F.D Vial: 1
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1184F.D\E1A1184R.D
 Acq On : 29 Jul 97 05:58 PM Operator: JS
 Sample : ar1221e,ar1221e,,ar1221.sub Inst : E1
 Misc : 1,5,,3 Multiplr: 1.00
 Quant Time: Jul 30 12:34 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
32) 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

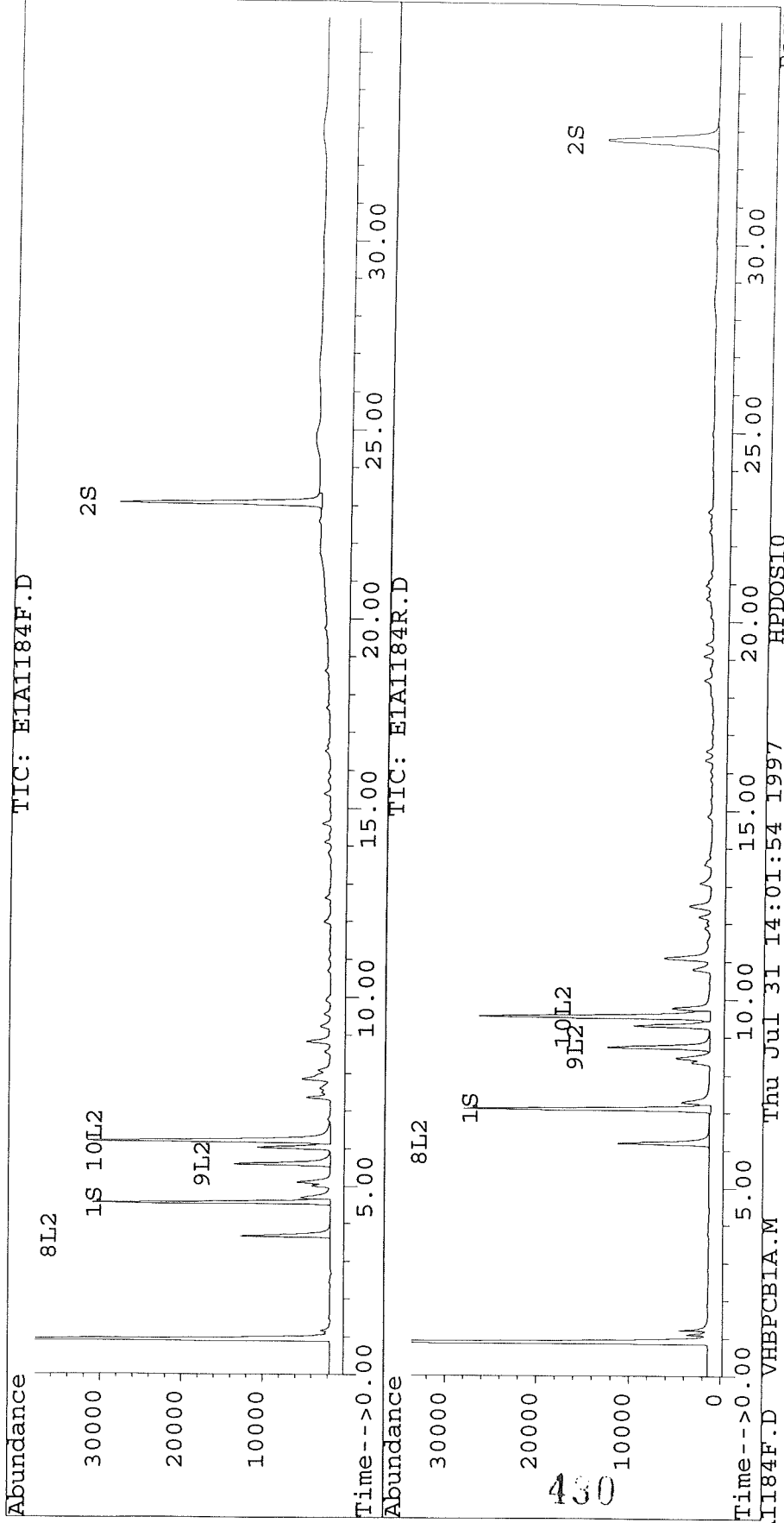
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Quantitation report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1184F.D Vial: 1
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1184R.D
Acq On : 29 Jul 97 05:58 PM Operator: JS
Sample : ar1221e,ar1221e,,ar1221.sub Inst : E1
Misc : 1,5,,3 Multiplr: 1.00
Quant Time: Jul 30 12:34 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1185F.D Vial: 2
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1185F.D\E1A1185R.D
 Acq On : 29 Jul 97 06:39 PM Operator: JS
 Sample : ar1221d,ar1221d,,ar1221.sub Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 30 12:36 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.57f	7.12f	13957	12118	60.026	64.914m
			Recovery	=	150.07%	162.29%
2) S Decachlorobiphenyl	23.08f	32.80f	11812	5630	94.693m	97.964m
			Recovery	=	236.73%	244.91%
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.	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	3.67	6.21	6058	5308	864.618	867.951
9) L2 Aroclor-1221 {2}	5.60	8.75	5731	5353	982.240	1097.508
10) L2 Aroclor-1221 {3}	6.22	9.55	15243	12748	754.367	830.388
Total Aroclor-1221			27032	23409	2601.225	2795.847
Average Aroclor-1221					867.075	931.949
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.d	N.D.d
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1185F.D Vial: 2
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1185F.D\E1A1185R.D
 Acq On : 29 Jul 97 06:39 PM Operator: JS
 Sample : ar1221d,ar1221d,,ar1221.sub Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 30 12:36 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

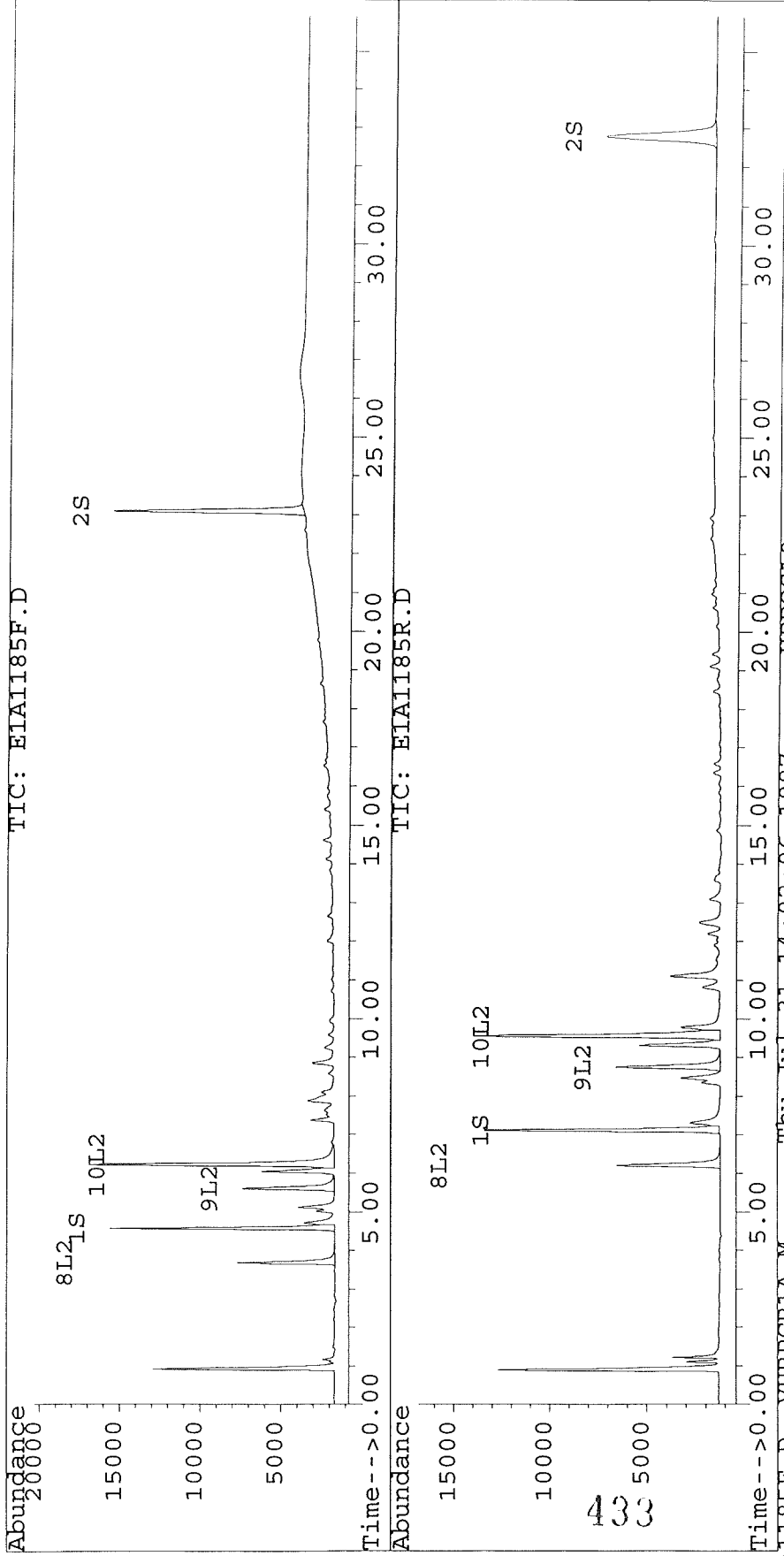
432

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1185F.D Vial: 2
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1185R.D
Acq On : 29 Jul 97 06:39 PM Operator: JS
Sample : ar1221d,ar1221d,,ar1221.sub Inst : E1
Misc : 1,4,,3 Multiplr: 1.00
Quant Time: Jul 30 12:36 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1186F.D Vial: 3
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1186F.D\E1A1186R.D
 Acq On : 29 Jul 97 07:20 PM Operator: JS
 Sample : ar1221c,ar1221c,,ar1221.sub Inst : E1
 Misc : 1,3,,3 Multiplr: 1.00
 Quant Time: Jul 30 12:37 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.57f	7.12f	5641	5121	24.262	27.434
			Recovery	=	60.66%	68.59%
2) S Decachlorobiphenyl	23.09f	32.81f	5692	2615	45.627m	45.504m
			Recovery	=	114.07%	113.76%
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.	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	3.68	6.22	2921	2656	416.940	434.316
9) L2 Aroclor-1221 {2}	5.61	8.76	2519	2398	431.792	491.601
10) L2 Aroclor-1221 {3}	6.23	9.56	7087	6067	350.714	395.204
Total Aroclor-1221			12527	11121	1199.446	1321.122
Average Aroclor-1221					399.815	440.374
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.d	N.D.d
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1186F.D Vial: 3
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1186F.D\E1A1186R.D
 Acq On : 29 Jul 97 07:20 PM Operator: JS
 Sample : ar1221c,ar1221c,,ar1221.sub Inst : E1
 Misc : 1,3,,3 Multiplr: 1.00
 Quant Time: Jul 30 12:37 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

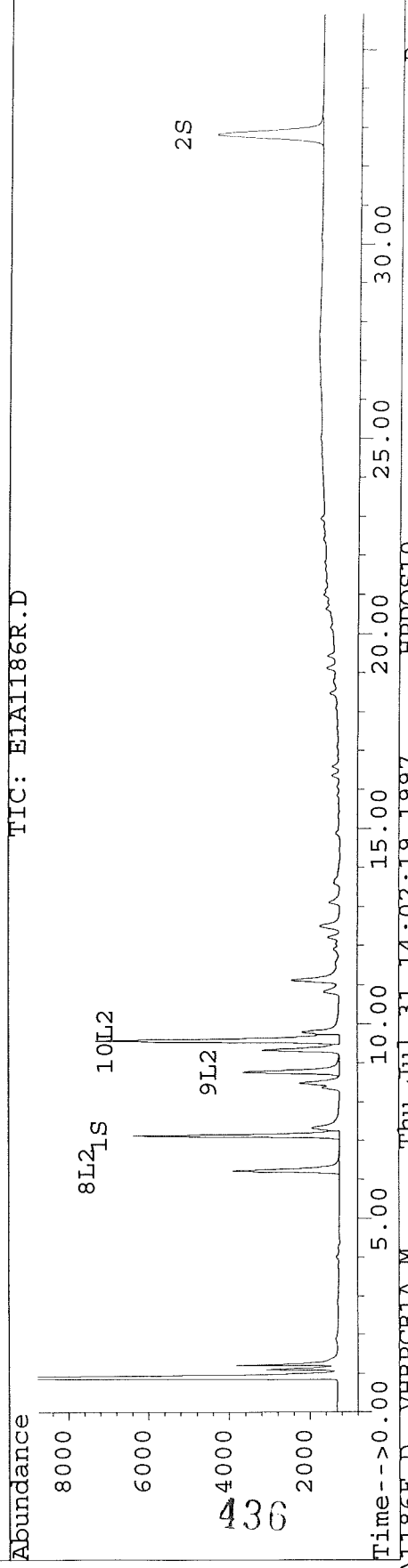
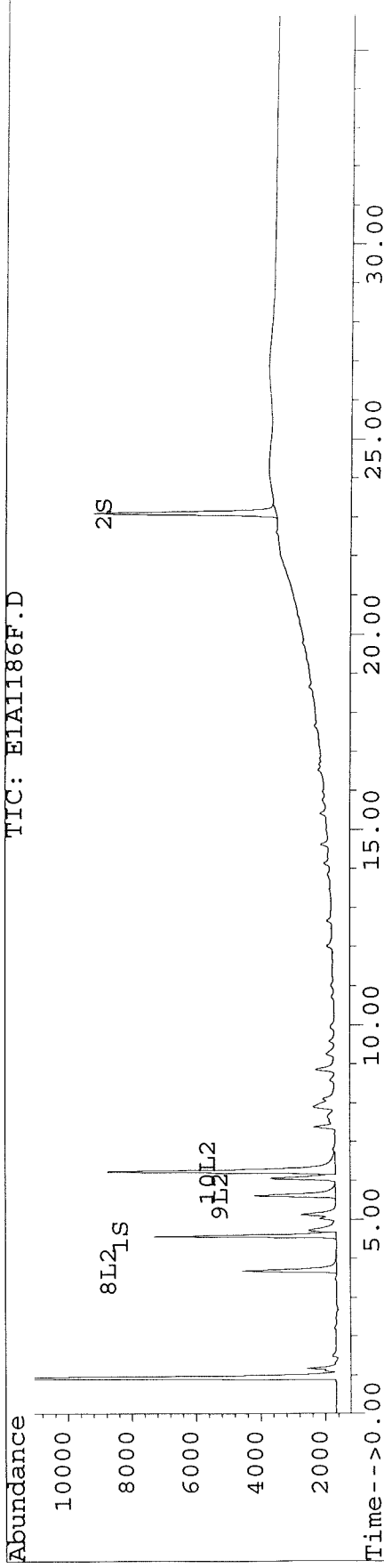
435

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1186F.D Vial: 3
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1186R.D
Acq On : 29 Jul 97 07:20 PM Operator: JS
Sample : ar1221c,ar1221c,,ar1221.sub Inst : E1
Misc : 1,3,,3 Multiplr: 1.00
Quant Time: Jul 30 12:37 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1187F.D Vial: 4
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1187F.D\E1A1187R.D
 Acq On : 29 Jul 97 08:00 PM Operator: JS
 Sample : ar1221b,ar1221b,,ar1221.sub Inst : E1
 Misc : 1,2,,3 Multiplr: 1.00
 Quant Time: Jul 30 12:38 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.57f	7.13f	2056	1814	8.842	9.719
			Recovery	=	22.11%	24.30%
2) S Decachlorobiphenyl	23.09f	32.83f	2199	1021	17.629m	17.768m
			Recovery	=	44.07%	44.42%
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.	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	3.68	6.22	1321	1155	188.463	188.828
9) L2 Aroclor-1221 {2}	5.61	8.77	965	930	165.409	190.672
10) L2 Aroclor-1221 {3}	6.23	9.57	2817	2448	139.411	159.485
Total Aroclor-1221			5102	4533	493.283	538.986
Average Aroclor-1221					164.428	179.662
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.
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1187F.D Vial: 4
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1187R.D
 Acq On : 29 Jul 97 08:00 PM Operator: JS
 Sample : ar1221b,ar1221b,,ar1221.sub Inst : E1
 Misc : 1,2,,3 Multiplr: 1.00
 Quant Time: Jul 30 12:38 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

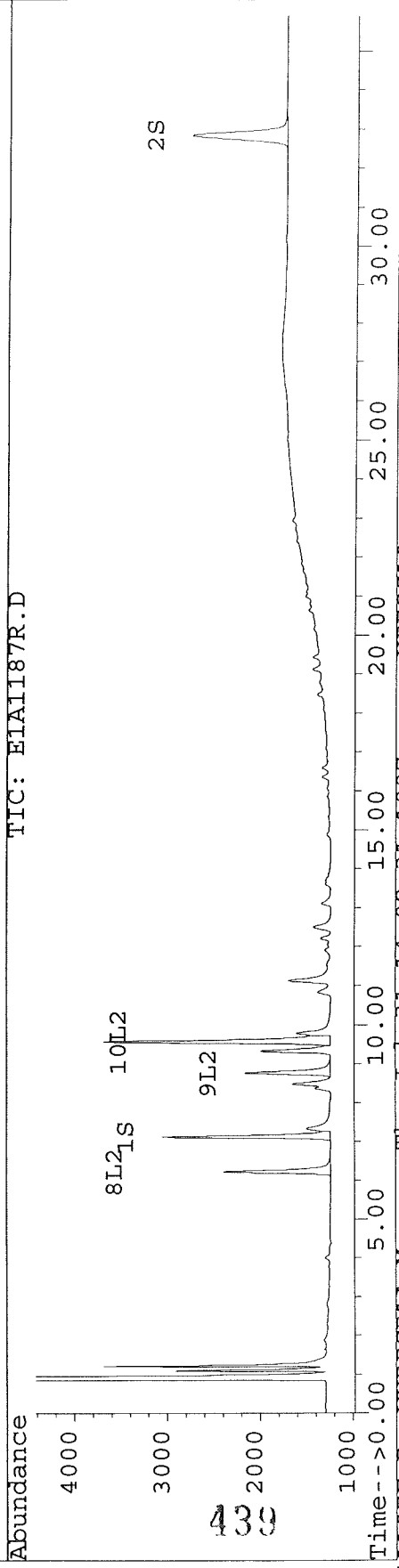
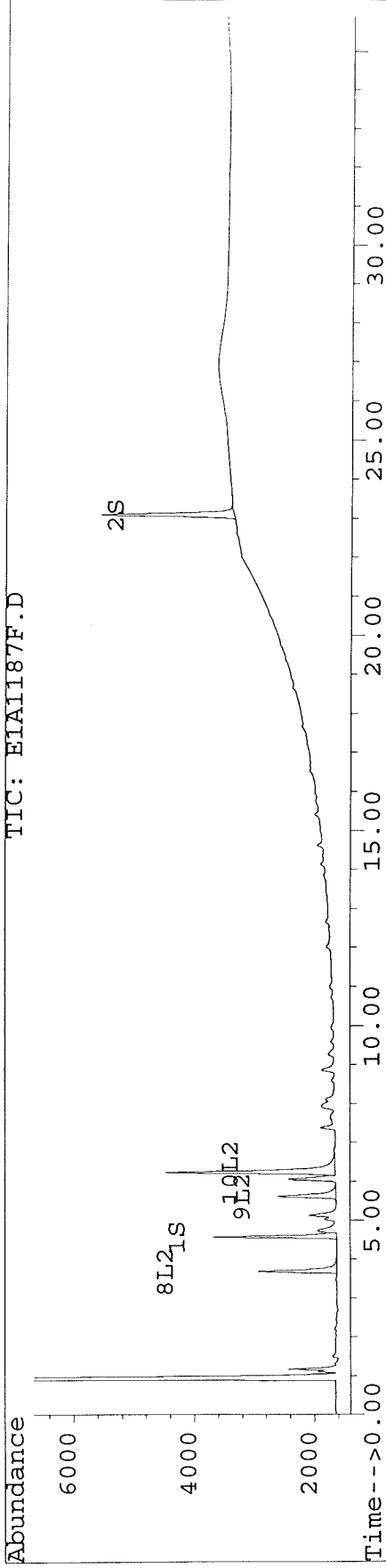
438

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1187F.D Vial: 4
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1187R.D
Acq On : 29 Jul 97 08:00 PM Operator: JS
Sample : ar1221b,ar1221b,,ar1221.sub Inst : E1
Misc : 1,2,,3 Multiplr: 1.00
Quant Time: Jul 30 12:38 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1188F.D Vial: 5
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1188F.D\E1A1188R.D
 Acq On : 29 Jul 97 08:41 PM Operator: JS
 Sample : ar1221a,ar1221a,,ar1221.sub Inst : E1
 Misc : 1,1,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:18 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.58f	7.13f	441	424	1.898	2.272
			Recovery	=	4.75%	5.68%
2) S Decachlorobiphenyl	23.09f	0.00	570	0	4.568m	N.D. #
			Recovery	=	11.42%	0.00%
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.	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	3.69	6.23	622	554	88.769	90.576
9) L2 Aroclor-1221 {2}	5.62	8.77	434	424	74.412	86.957
10) L2 Aroclor-1221 {3}	6.24	9.57	1278	1148	63.235	74.770
Total Aroclor-1221			2334	2126	226.416	252.303
Average Aroclor-1221					75.472	84.101
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.
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1188F.D Vial: 5
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1188F.D\E1A1188R.D
 Acq On : 29 Jul 97 08:41 PM Operator: JS
 Sample : ar1221a,ar1221a,,ar1221.sub Inst : E1
 Misc : 1,1,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:18 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
32) 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

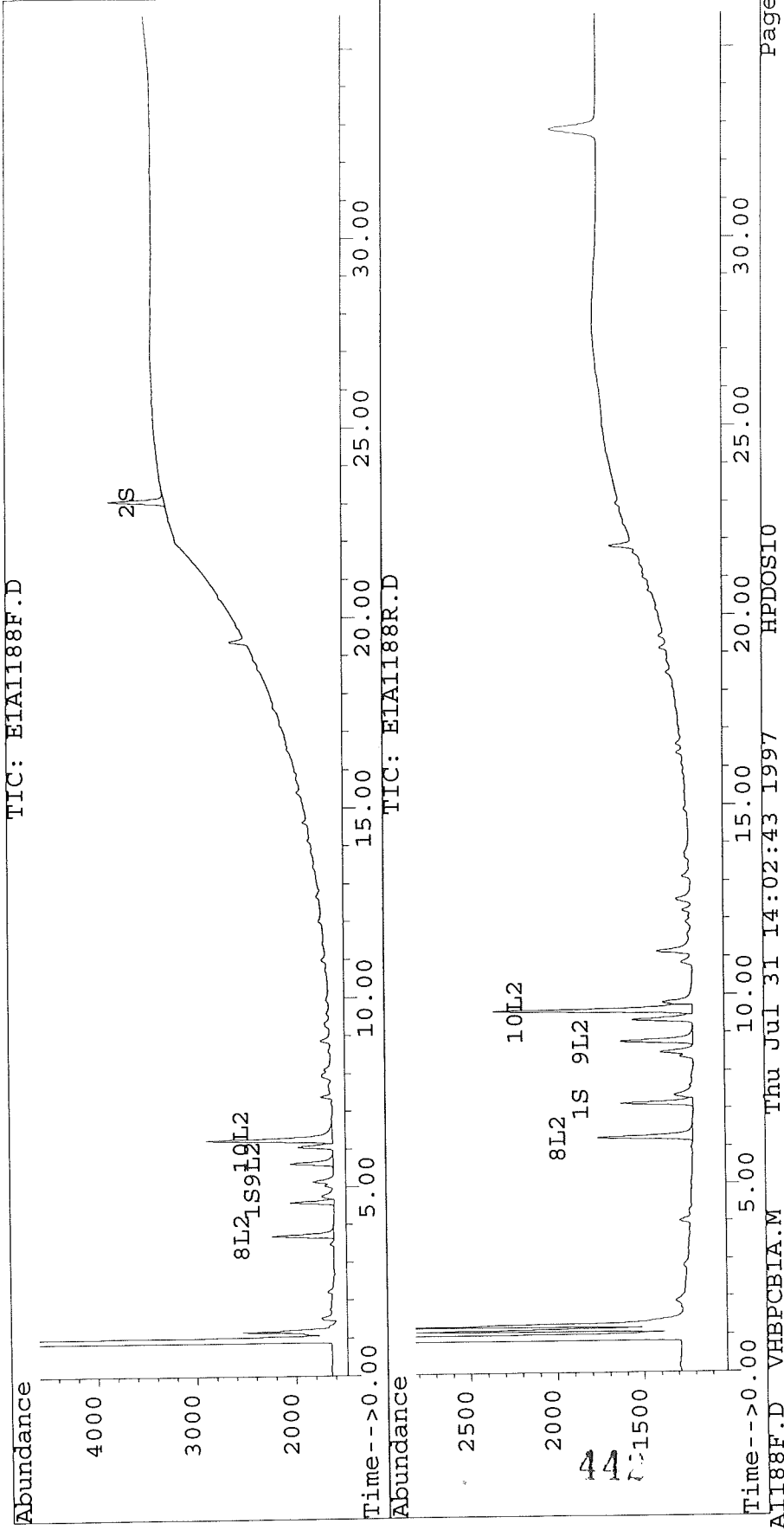
441

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1188F.D Vial: 5
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1188F.D\E1A1188R.D
Acq On : 29 Jul 97 08:41 PM Operator: JS
Sample : ar1221a,ar1221a,,ar1221.sub Inst : E1
Misc : 1,1,,3 Multiplr: 1.00
Quant Time: Jul 30 13:18 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1189F.D Vial: 6
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1189F.D\E1A1189R.D
 Acq On : 29 Jul 97 09:21 PM Operator: JS
 Sample : ar1232e,ar1232e,,ar1232.sub Inst : E1
 Misc : 1,5,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:26 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.57f	7.13f	27379	25031	117.747	134.087
			Recovery	=	294.37%	335.22%
2) S Decachlorobiphenyl	23.09f	32.83f	22445	10884	179.931m	189.384m
			Recovery	=	449.83%	473.46%
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.	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.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	6.23	9.56	23037	19879	1262.944	1387.184
12) L3 Aroclor-1232 {2}	7.38	11.12	18710	18146	1370.923	1510.429
13) L3 Aroclor-1232 {3}	8.85	12.50	30674	23941	3705.612	3452.596
Total Aroclor-1232			72420	61966	6339.479	6350.209
Average Aroclor-1232					2113.160	2116.736
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.d	N.D.d
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1189F.D Vial: 6
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1189F.D\E1A1189R.D
 Acq On : 29 Jul 97 09:21 PM Operator: JS
 Sample : ar1232e,ar1232e,,ar1232.sub Inst : E1
 Misc : 1,5,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:26 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

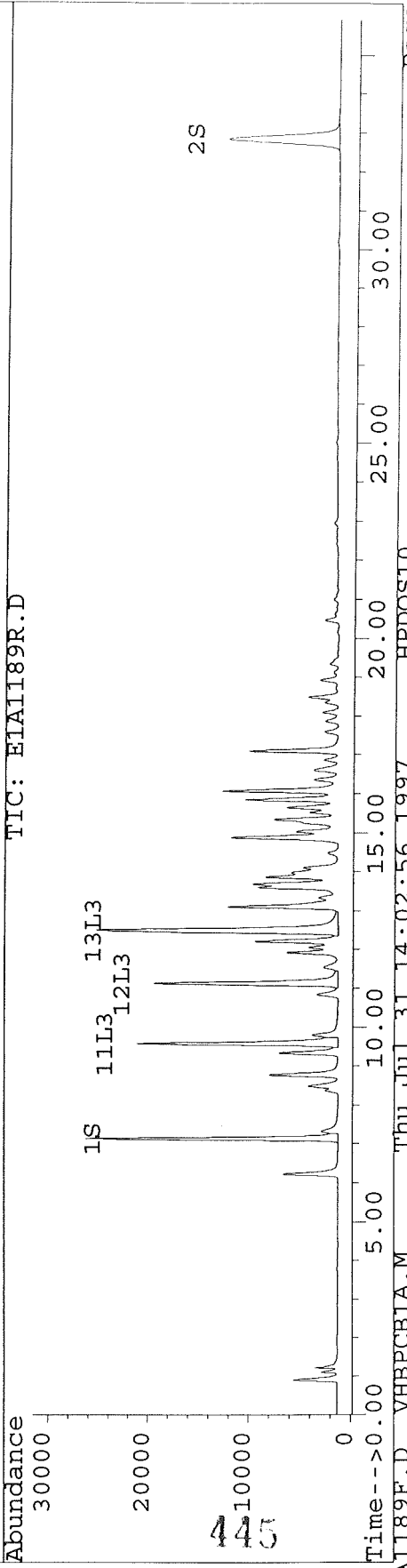
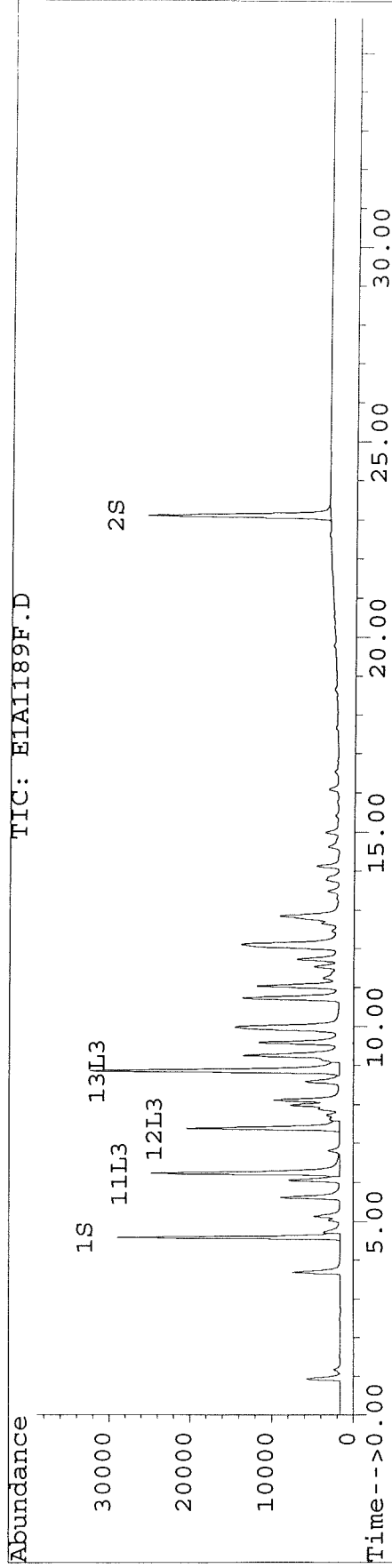
444

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1189F.D Vial: 6
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1189R.D
Acq On : 29 Jul 97 09:21 PM Operator: JS
Sample : ar1232e,ar1232e,,ar1232.sub Inst : E1
Misc : 1,5,,3 Multiplr: 1.00
Quant Time: Jul 30 13:26 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1190F.D Vial: 7
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1190F.D\E1A1190R.D
 Acq On : 29 Jul 97 10:02 PM Operator: JS
 Sample : ar1232d,ar1232d,,ar1232.sub Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:27 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.58f	7.13f	14385	13777	61.864	73.801
			Recovery	=	154.66%	184.50%
2) S Decachlorobiphenyl	23.10f	32.85f	13686	6456	109.717m	112.345m
			Recovery	=	274.29%	280.86%
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.	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.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	6.23	9.57	13775	12057	755.209	841.333
12) L3 Aroclor-1232 {2}	7.38	11.13	11476	11350	840.881	944.733
13) L3 Aroclor-1232 {3}	8.85	12.50	17679	13870	2135.799	2000.273
Total Aroclor-1232			42931	37277	3731.890	3786.340
Average Aroclor-1232					1243.963	1262.113
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1190F.D Vial: 7
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1190F.D\E1A1190R.D
 Acq On : 29 Jul 97 10:02 PM Operator: JS
 Sample : ar1232d,ar1232d,,ar1232.sub Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:27 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

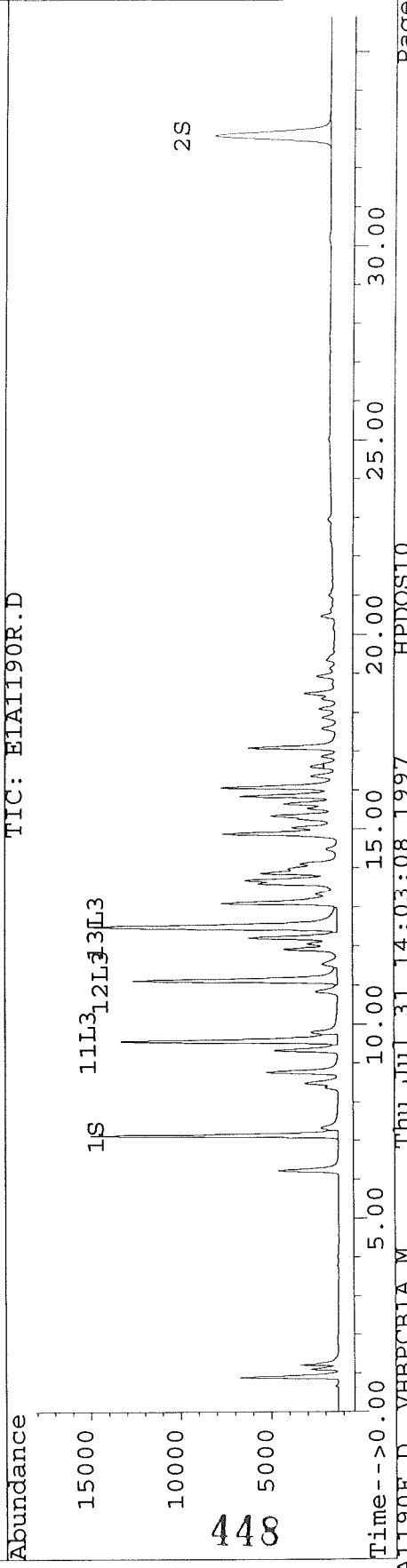
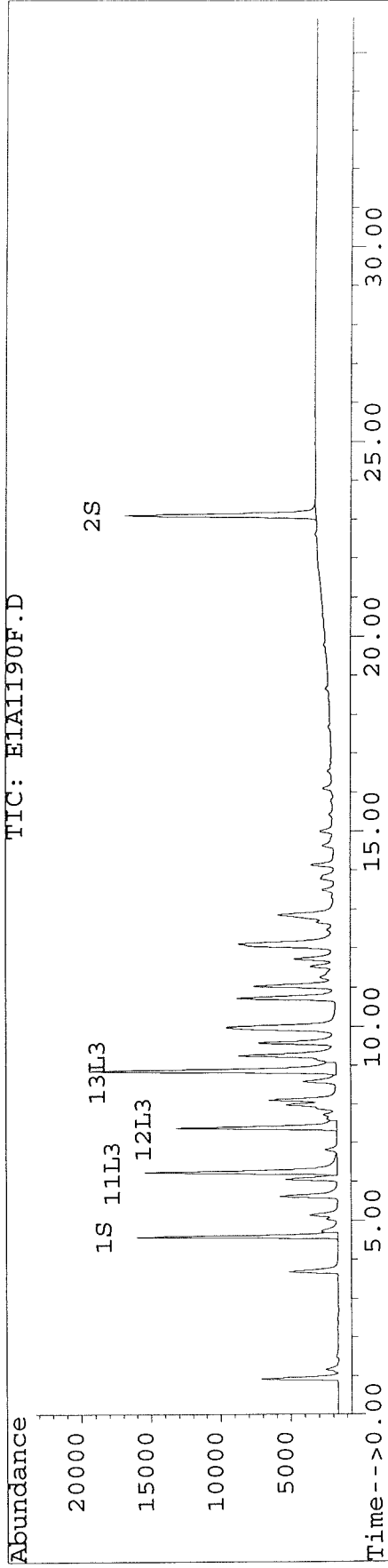
447

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1190F.D Vial: 7
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1190F.D
Acq On : 29 Jul 97 10:02 PM Operator: JS
Sample : ar1232d,ar1232d,,ar1232.sub Inst : E1
Misc : 1,4,,3 Multiplr: 1.00
Quant Time: Jul 30 13:27 1997

Method : C:\HPCHEM\5\METHODS\VHBPCL1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1191F.D Vial: 8
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1191F.D\E1A1191R.D
 Acq On : 29 Jul 97 10:43 PM Operator: JS
 Sample : ar1232c,ar1232c,,ar1232.sub Inst : E1
 Misc : 1,3,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:28 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
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System Monitoring Compounds

1) S	Tetrachloro-m-xylen	4.58f	7.14f	5130	4848	22.064	25.972
				Recovery	=	55.16%	64.93%
2) S	Decachlorobiphenyl	23.11f	32.87f	5484	2557	43.959m	44.491m
				Recovery	=	109.90%	111.23%

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.	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.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	6.24	9.58	5617	5028	307.959	350.872
12) L3	Aroclor-1232 {2}	7.39	11.13	4852	4847	355.542	403.468
13) L3	Aroclor-1232 {3}	8.86	12.51	6554	5143	791.768	741.641
	Total Aroclor-1232			17024	15018	1455.269	1495.981
	Average Aroclor-1232					485.090	498.660
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.
17) L4	Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4	Aroclor-1242 (5)	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
19) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1191F.D Vial: 8
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1191F.D\E1A1191R.D
 Acq On : 29 Jul 97 10:43 PM Operator: JS
 Sample : ar1232c,ar1232c,,ar1232.sub Inst : E1
 Misc : 1,3,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:28 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

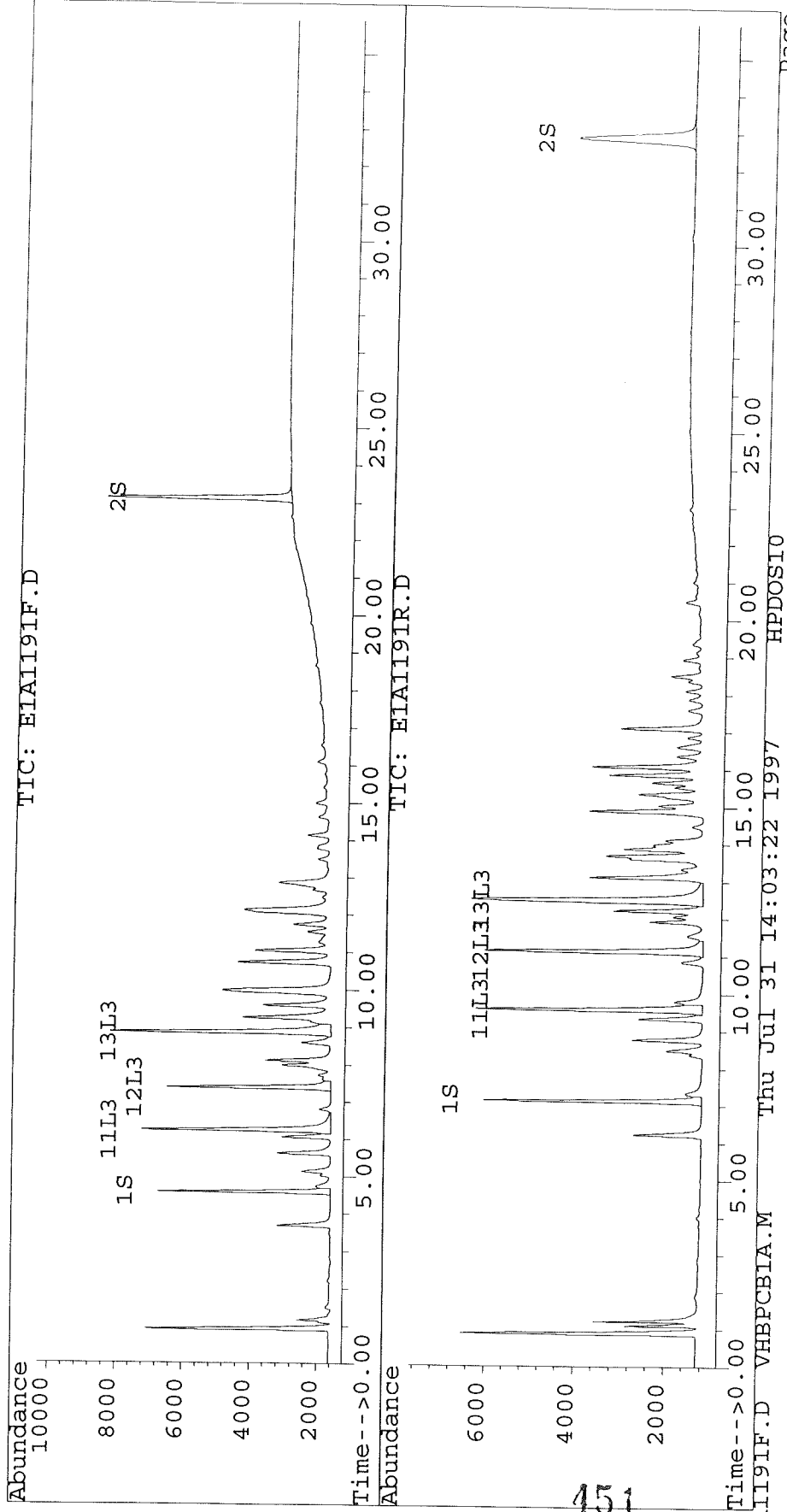
Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1191F.D Vial: 8
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1191R.D
Acq On : 29 Jul 97 10:43 PM Operator: JS
Sample : ar1232c,ar1232c,,ar1232.sub Inst : E1
Misc : 1,3,,3 Multiplr: 1.00
Quant Time: Jul 30 13:28 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1192F.D Vial: 9
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1192F.D\E1A1192R.D
 Acq On : 29 Jul 97 11:23 PM Operator: JS
 Sample : ar1232b,ar1232b,,ar1232.sub Inst : E1
 Misc : 1,2,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:29 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.58	7.14f	2209	2135	9.502	11.440
			Recovery	=	23.76%	28.60%
2) S Decachlorobiphenyl	23.11f	32.88f	2615	1202	20.962m	20.917m
			Recovery	=	52.41%	52.29%
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.	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.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	6.25	9.59	2663	2409	145.967	168.127
12) L3 Aroclor-1232 {2}	7.39	11.14	2371	2393	173.755	199.168
13) L3 Aroclor-1232 {3}	8.87	12.51	2884	2379	348.371	343.083
Total Aroclor-1232			7918	7181	668.093	710.377
Average Aroclor-1232					222.698	236.792
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.
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1192F.D Vial: 9
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1192F.D\E1A1192R.D
 Acq On : 29 Jul 97 11:23 PM Operator: JS
 Sample : ar1232b,ar1232b,,ar1232.sub Inst : E1
 Misc : 1,2,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:29 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

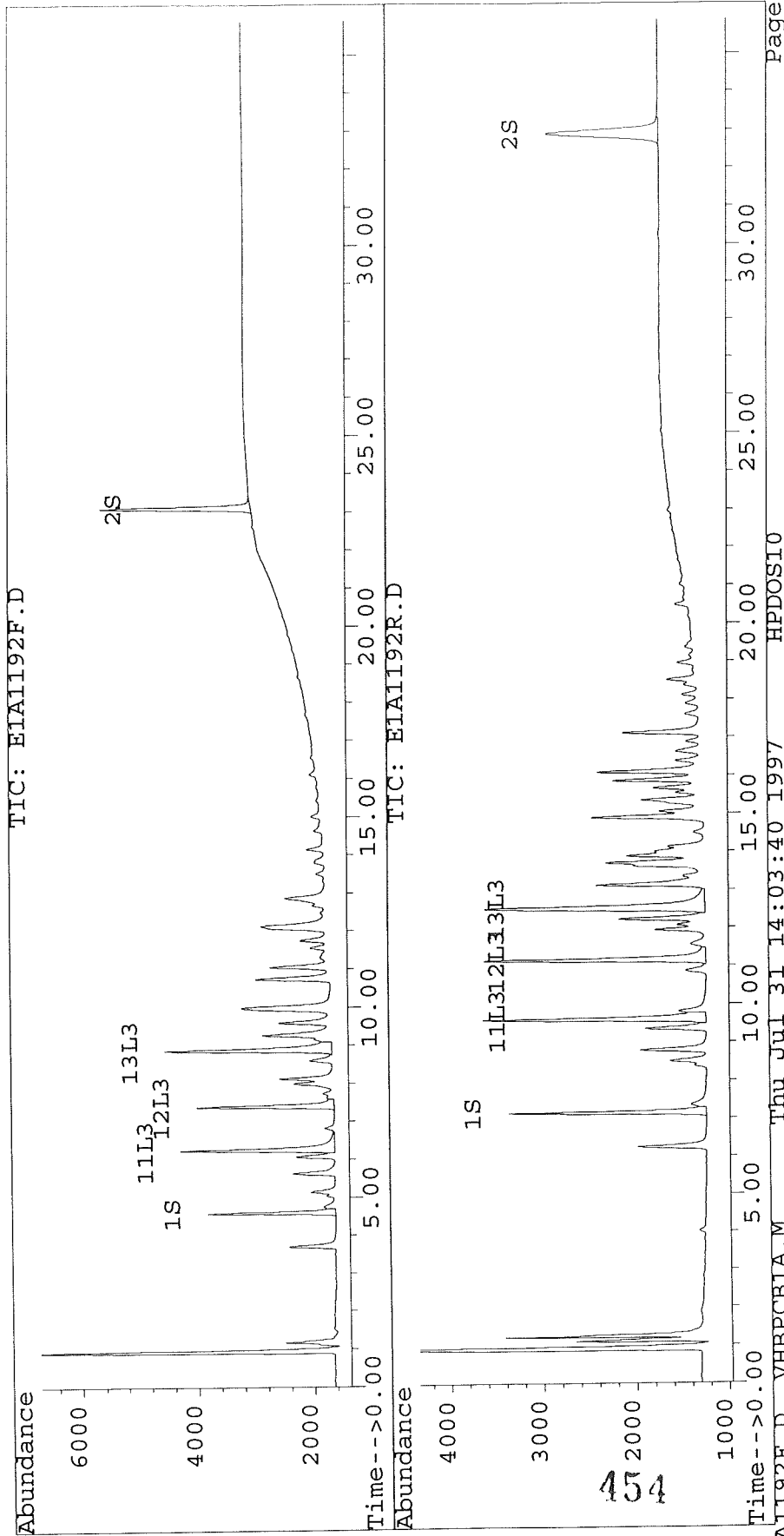
453

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1192F.D Vial: 9
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1192R.D
Acq On : 29 Jul 97 11:23 PM Operator: JS
Sample : ar1232b,ar1232b,,ar1232.sub Inst : E1
Misc : 1,2,,3 Multiplr: 1.00
Quant Time: Jul 30 13:29 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1193F.D Vial: 10
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1193F.D\E1A1193R.D
 Acq On : 30 Jul 97 00:04 AM Operator: JS
 Sample : ar1232a,ar1232a,,ar1232.sub Inst : E1
 Misc : 1,1,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:29 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.59	7.15f	445	414	1.913	2.219
			Recovery	=	4.78%	5.55%
2) S Decachlorobiphenyl	23.12f	32.89f	554	257	4.442m	4.474m
			Recovery	=	11.11%	11.19%
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.	N.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	6.25	9.59	594	559	32.546	39.026
12) L3 Aroclor-1232 {2}	7.40	11.15	556	561	40.756	46.714
13) L3 Aroclor-1232 {3}	8.88	12.52	587	528	70.913	76.087
Total Aroclor-1232			1737	1648	144.214	161.827
Average Aroclor-1232					48.071	53.942
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1193F.D Vial: 10
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1193F.D\E1A1193R.D
 Acq On : 30 Jul 97 00:04 AM Operator: JS
 Sample : ar1232a,ar1232a,,ar1232.sub Inst : E1
 Misc : 1,1,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:29 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

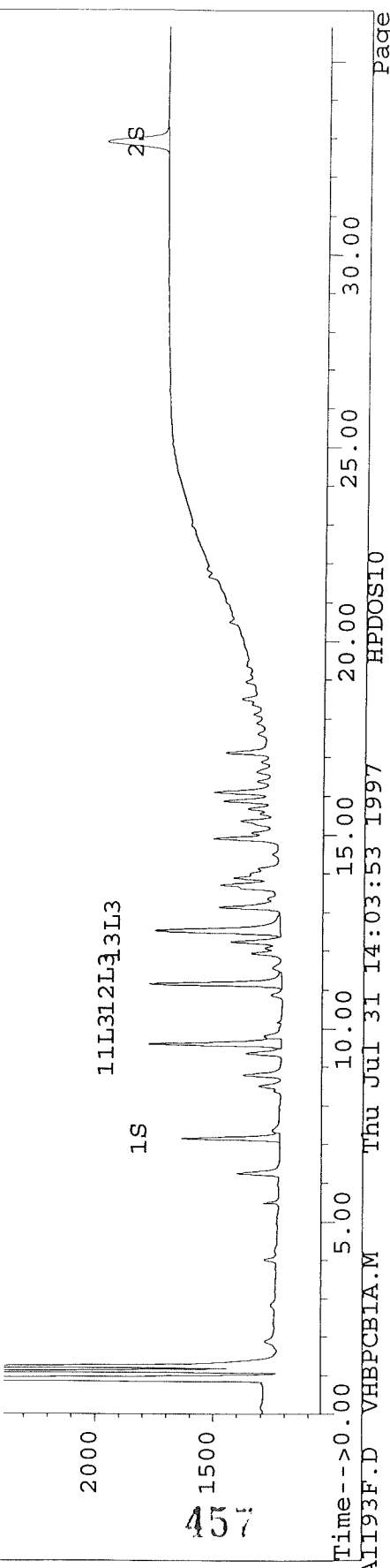
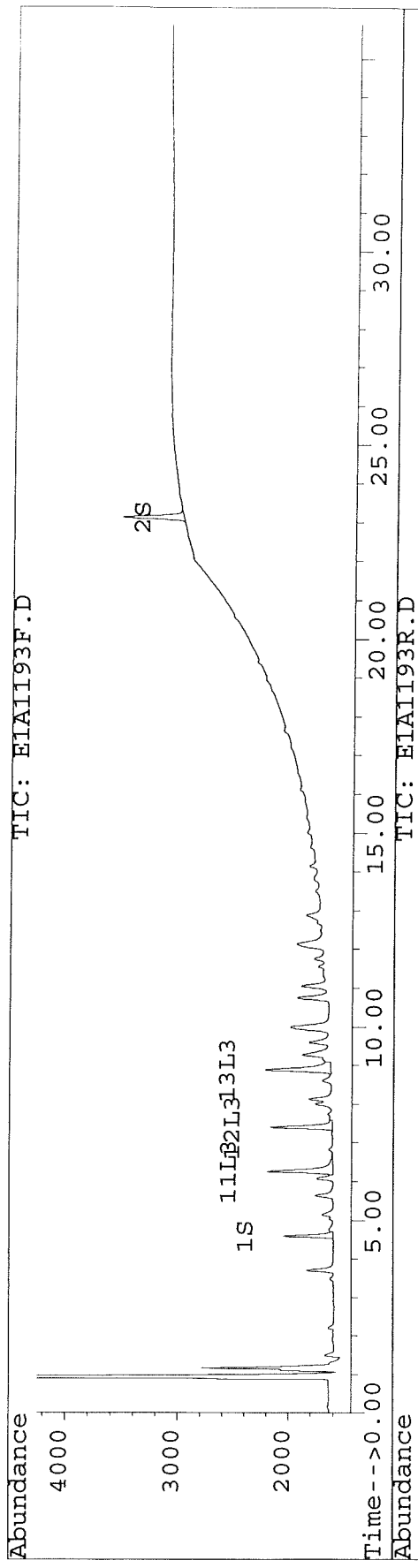
456

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1193F.D Vial: 10
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1193R.D
Acq On : 30 Jul 97 00:04 AM Operator: JS
Sample : ar1232a,ar1232a,,ar1232.sub Inst : E1
Misc : 1,1,,3 Multiplr: 1.00
Quant Time: Jul 30 13:29 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1194F.D Vial: 11
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1194F.D\E1A1194R.D
 Acq On : 30 Jul 97 00:44 AM Operator: JS
 Sample : ar1242e,ar1242e,,ar1242.sub Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:35 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.58	7.14f	25288	23928	108.755	128.179
			Recovery	=	271.89%	320.45%
2) S Decachlorobiphenyl	23.12f	32.90f	21815	10353	174.877m	180.148m
			Recovery	=	437.19%	450.37%
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.	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.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	7.39	11.14	33484	30936	1540.169	1732.702
15) L4 Aroclor-1242 {2}	8.86	12.23	60204	15254	1509.896	426.380 #
16) L4 Aroclor-1242 {3}	9.25	12.51	23435	46641	377.313	3007.709 #
17) L4 Aroclor-1242 (4)	9.58	13.11	20843	21302	870.392	468.857 #
18) L4 Aroclor-1242 (5)	9.98	13.70	26829	18190	1363.644	907.161 #
Total Aroclor-1242			164795	132323	5661.414	6542.809
Average Aroclor-1242					1132.283	1308.562
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1194F.D Vial: 11
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1194F.D\E1A1194R.D
 Acq On : 30 Jul 97 00:44 AM Operator: JS
 Sample : ar1242e,ar1242e,,ar1242.sub Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:35 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

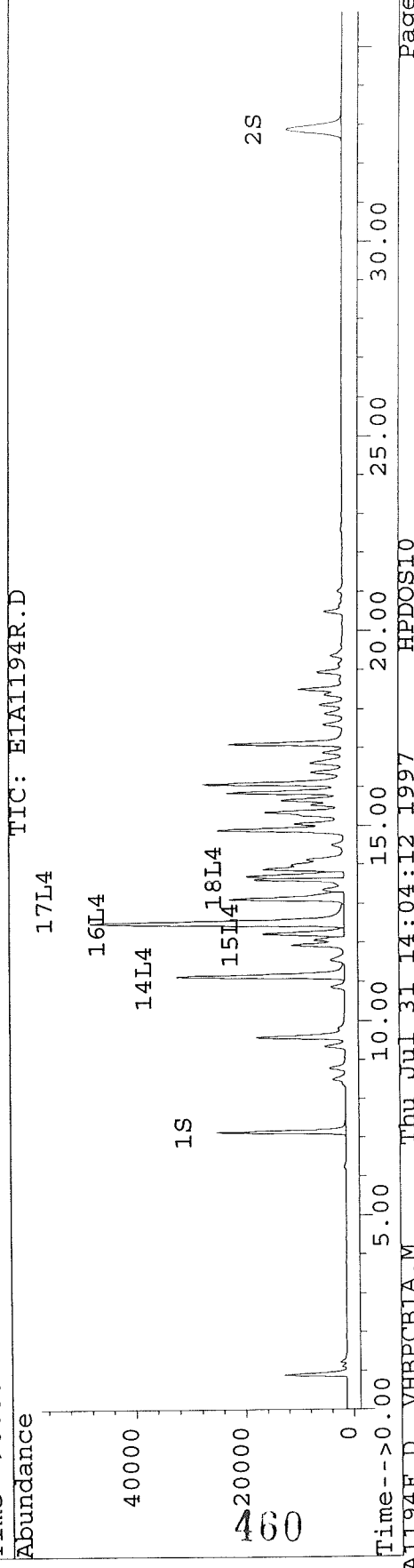
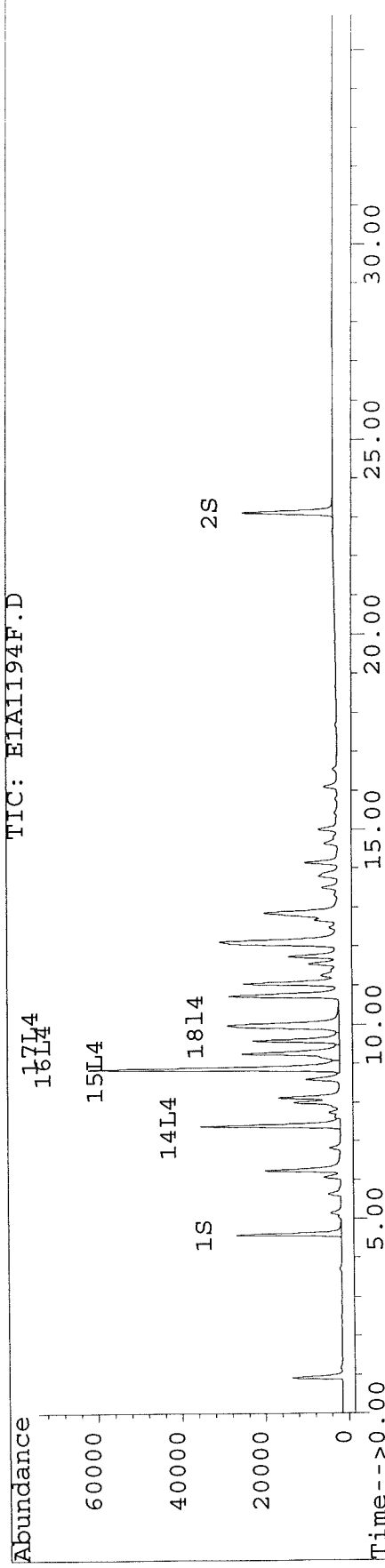
Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1194F.D Vial: 11
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1194F.D\E1A1194R.D
Acq On : 30 Jul 97 00:44 AM Operator: JS
Sample : ar1242e,ar1242e,,ar1242.sub Inst : E1
Misc : 1,4,,3 Multiplr: 1.00
Quant Time: Jul 30 13:35 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1195F.D Vial: 12
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1195F.D\E1A1195R.D
 Acq On : 30 Jul 97 01:25 AM Operator: JS
 Sample : ar1242d,ar1242d,,ar1242.sub Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:36 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.59	7.15f	10848	10373	46.652	55.568
			Recovery	=	116.63%	138.92%
2) S Decachlorobiphenyl	23.12f	32.90f	10745	5110	86.140m	88.916m
			Recovery	=	215.35%	222.29%
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.	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.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	7.39	11.14	17293	16156	795.417	904.903
15) L4 Aroclor-1242 {2}	8.86	12.23	28926	7583	725.447	211.945 #
16) L4 Aroclor-1242 {3}	9.26	12.52	11194	22367	180.220	1442.379 #
17) L4 Aroclor-1242 (4)	9.59	13.12	9456	10334	394.879	227.445 #
18) L4 Aroclor-1242 (5)	9.98	13.70	13640	9401	693.256	468.861 #
Total Aroclor-1242			80508	65841	2789.219	3255.532
Average Aroclor-1242					557.844	651.106
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1195F.D Vial: 12
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1195F.D\E1A1195R.D
 Acq On : 30 Jul 97 01:25 AM Operator: JS
 Sample : ar1242d,ar1242d,,ar1242.sub Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:36 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

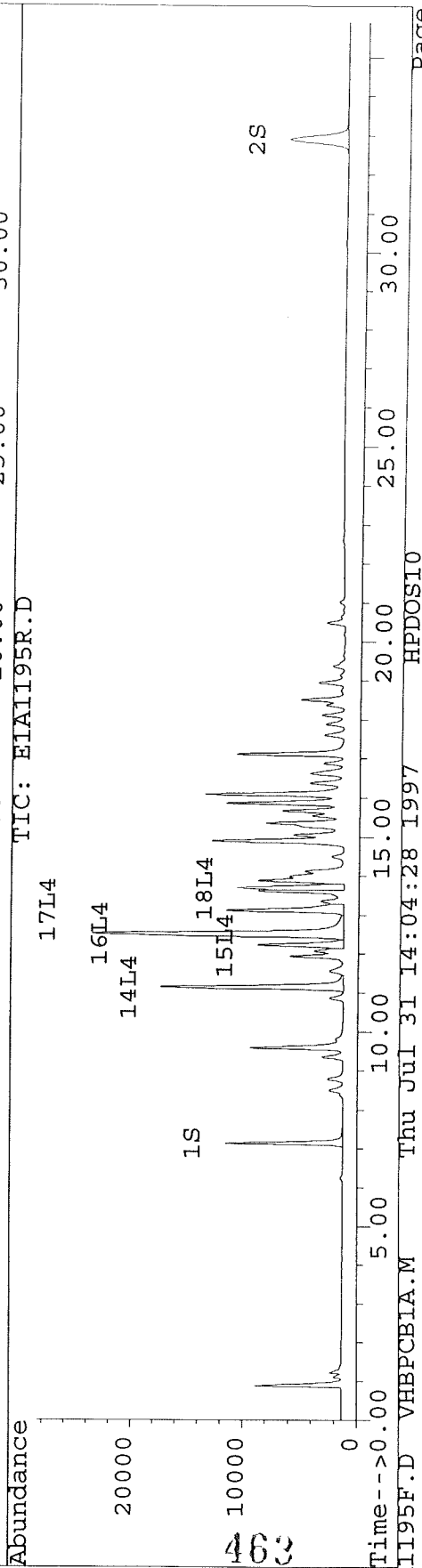
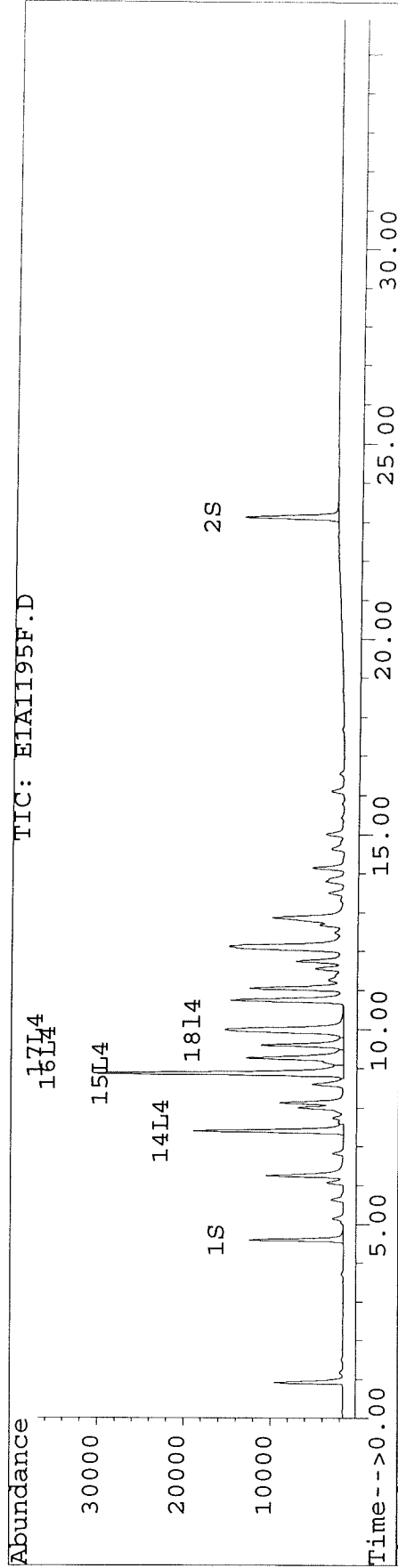
462

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1195F.D Vial: 12
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1195R.D
Acq On : 30 Jul 97 01:25 AM Operator: JS
Sample : ar1242d,ar1242d,,ar1242.sub Inst : E1
Misc : 1,4,,3 Multiplr: 1.00
Quant Time: Jul 30 13:36 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1196F.D Vial: 13
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1196F.D\E1A1196R.D
 Acq On : 30 Jul 97 02:05 AM Operator: JS
 Sample : ar1242c,ar1242c,,ar1242.sub Inst : E1
 Misc : 1,3,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:36 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.59	7.15	4047	3952	17.403	21.170
			Recovery	=	43.51%	52.93%
2) S Decachlorobiphenyl	23.13f	32.92f	4643	2139	37.223m	37.211m
			Recovery	=	93.06%	93.03%
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	7.40	11.15	7983	7648	367.175	428.341
15) L4 Aroclor-1242 {2}	8.87	12.24	11807	3328	296.119	93.029 #
16) L4 Aroclor-1242 {3}	9.27	12.52	4668	9376	75.153	604.637 #
17) L4 Aroclor-1242 (4)	9.60	13.13	3757	4412	156.900	97.115 #
18) L4 Aroclor-1242 (5)	9.99	13.71	6171	4254	313.671	212.178 #
Total Aroclor-1242			34386	29019	1209.018	1435.299
Average Aroclor-1242					241.804	287.060
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1196F.D Vial: 13
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1196F.D\E1A1196R.D
 Acq On : 30 Jul 97 02:05 AM Operator: JS
 Sample : ar1242c,ar1242c,,ar1242.sub Inst : E1
 Misc : 1,3,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:36 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

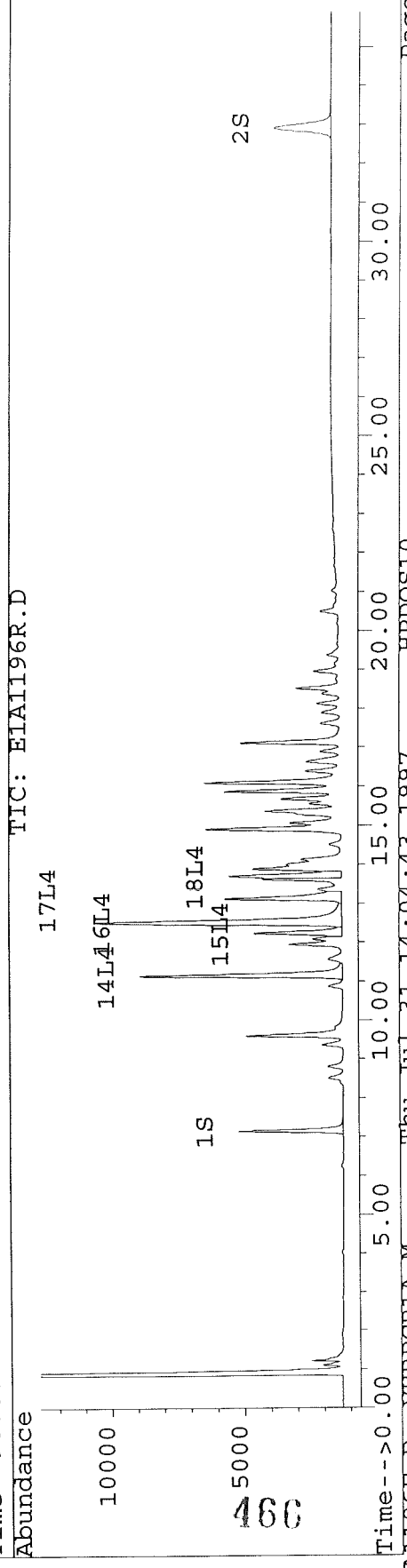
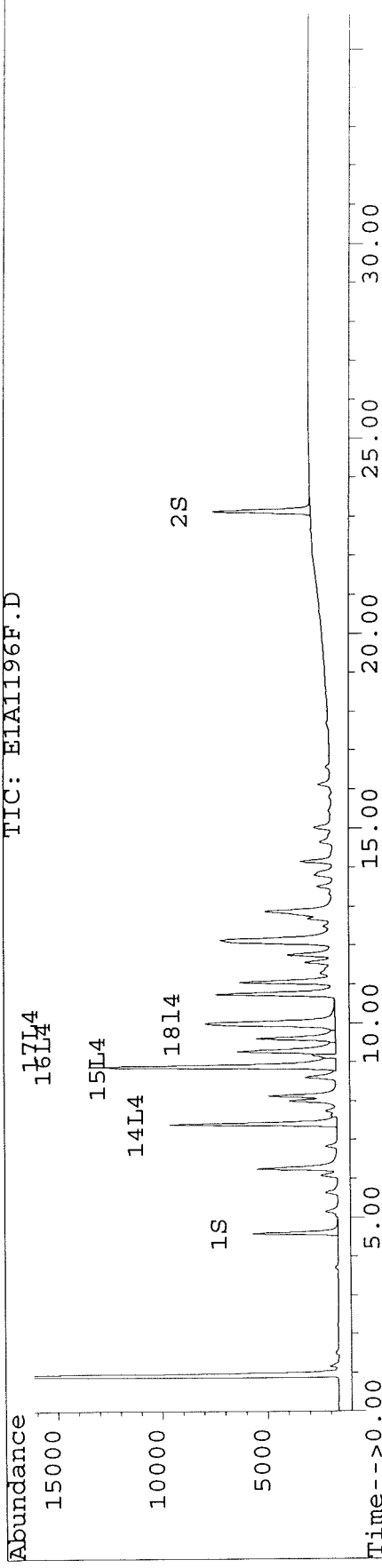
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\EI1196F.D Vial: 13
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\EI1196F.D
Acq On : 30 Jul 97 02:05 AM Operator: JS
Sample : ar1242c,ar1242c,,ar1242.sub Inst : E1
Misc : 1,3,,3 Multiplr: 1.00
Quant Time: Jul 30 13:36 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1197F.D Vial: 14
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1197F.D\E1A1197R.D
 Acq On : 30 Jul 97 02:47 AM Operator: JS
 Sample : ar1242b,ar1242b,,ar1242.sub Inst : E1
 Misc : 1,2,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:37 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.59	7.15	1752	1727	7.536	9.252
			Recovery	=	18.84%	23.13%
2) S Decachlorobiphenyl	23.13	32.94f	2260	1042	18.120m	18.130m
			Recovery	=	45.30%	45.33%
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	7.40	11.15	3976	3836	182.885	214.870
15) L4 Aroclor-1242 {2}	8.88	12.25	5224	1591	131.012	44.472 #
16) L4 Aroclor-1242 {3}	9.27	12.53	2134	4293	34.350	276.815 #
17) L4 Aroclor-1242 (4)	9.60	13.13	1675	2071	69.966	45.577 #
18) L4 Aroclor-1242 (5)	10.00	13.71	3038	2130	154.434	106.214 #
Total Aroclor-1242			16047	13920	572.648	687.948
Average Aroclor-1242					114.530	137.590
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1197F.D Vial: 14
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1197F.D\E1A1197R.D
 Acq On : 30 Jul 97 02:47 AM Operator: JS
 Sample : ar1242b,ar1242b,,ar1242.sub Inst : E1
 Misc : 1,2,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:37 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

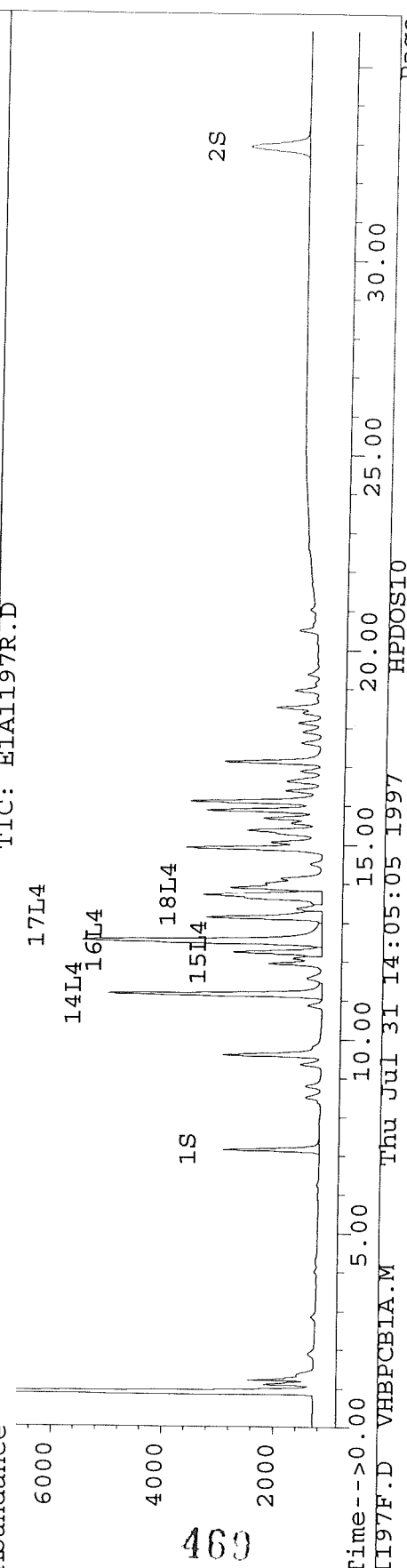
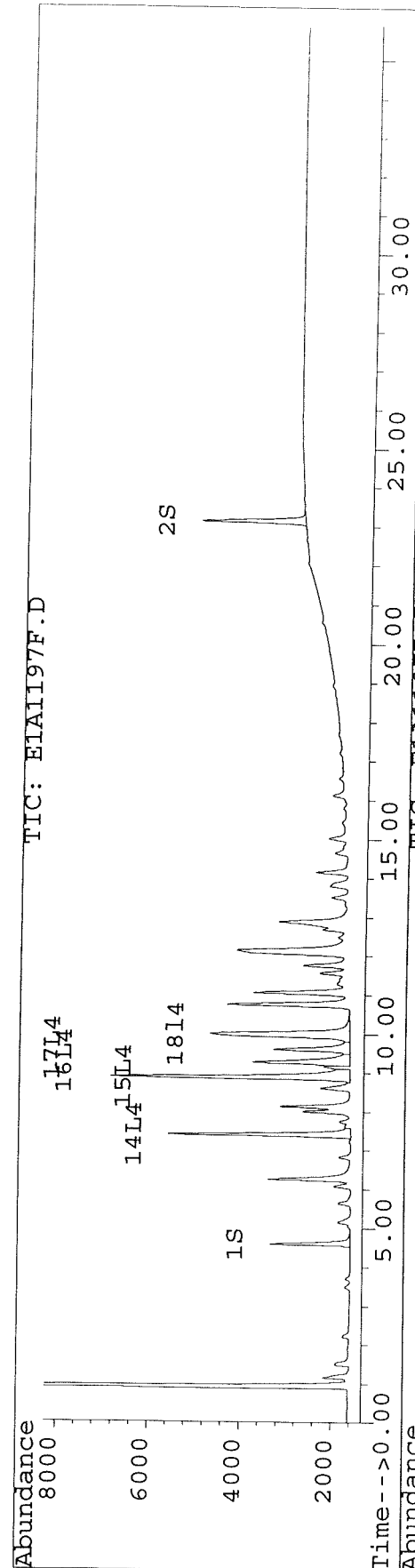
468

Quantitation report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1197F.D Vial: 14
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1197R.D
Acq On : 30 Jul 97 02:47 AM Operator: JS
Sample : ar1242b,ar1242b,,ar1242.sub Inst : E1
Misc : 1,2,,3 Multiplr: 1.00
Quant Time: Jul 30 13:37 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

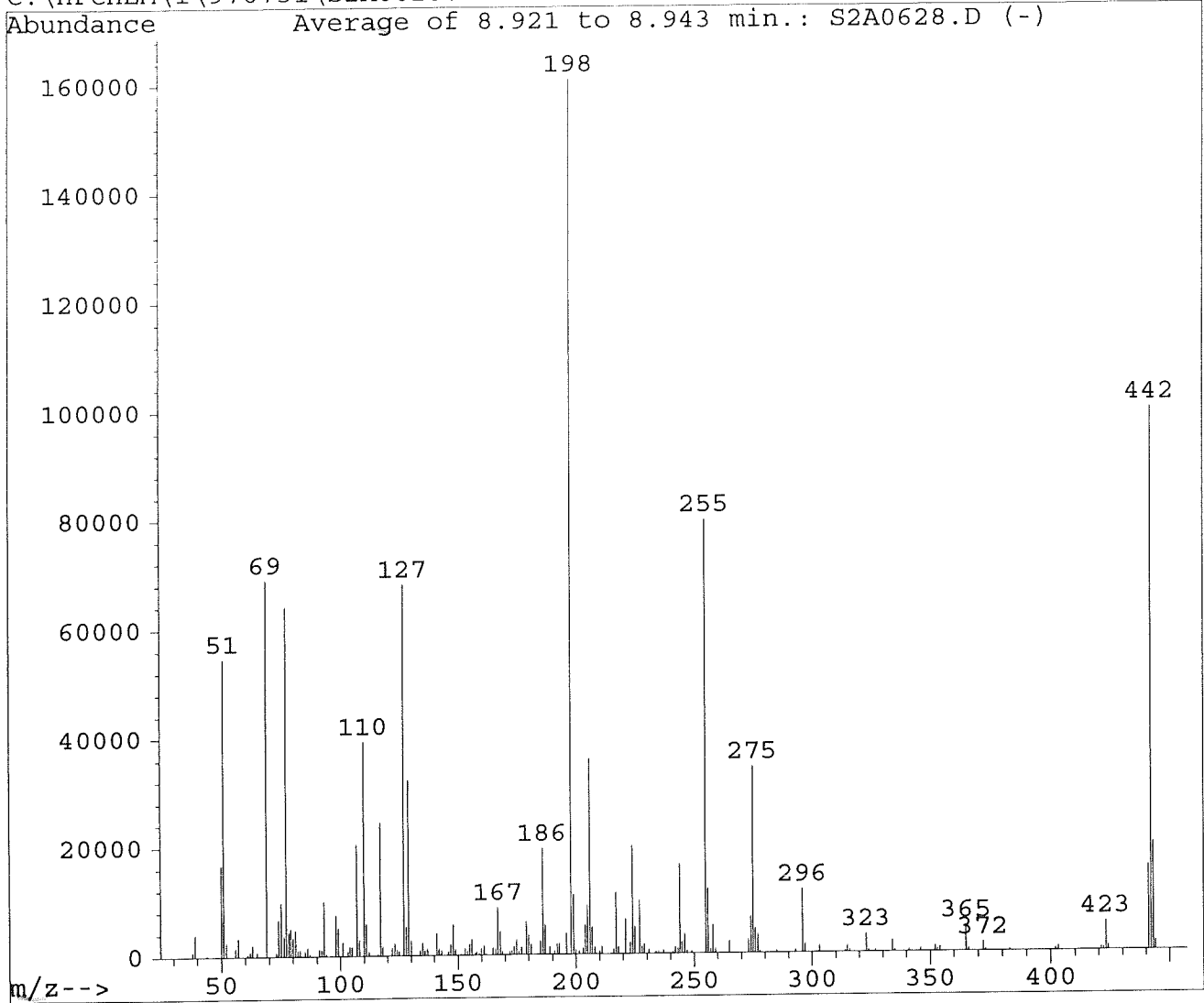


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DFTPP 625 Results

C:\HPCHEM\1\970731\S2A0628.D

Thu Jul 31 14:07:30 1997



Peak Apex is scan: 408

Average of 3 scans: 407, 408, 409 minus background scan 404

Target Mass	Comparison Mass	Lower Limit, %	Upper Limit, %	Relative Abundance, %	Result Pass/Fail
51	198	30	60	34.0	PASS
68	69	0	2	0.0	PASS
69	198	0	100	42.9	PASS
70	69	0	2	0.0	PASS
127	198	40	60	42.4	PASS
197	198	0	1	0.2	PASS
198	198	100	100	100.0	PASS
199	198	5	9	6.9	PASS
275	198	10	30	21.3	PASS
365	198	1	100	3.0	PASS
441	443	0	100	78.0	PASS
442	198	40	100	62.1	PASS
443	442	17	23	19.9	PASS

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1198F.D Vial: 15
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1198F.D\E1A1198R.D
 Acq On : 30 Jul 97 03:27 AM Operator: JS
 Sample : ar1242a,ar1242a,,ar1242.sub Inst : E1
 Misc : 1,1,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:38 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
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System Monitoring Compounds

1) S	Tetrachloro-m-xylene	4.60	7.16	301	277	1.295	1.484
				Recovery	=	3.24%	3.71%
2) S	Decachlorobiphenyl	23.15	32.97f	371	171	2.978m	2.977m
				Recovery	=	7.45%	7.44%

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	7.41	11.17	699	677	32.165	37.921
15) L4	Aroclor-1242 {2}	8.89	12.26	751	261	18.824	7.285 #
16) L4	Aroclor-1242 {3}	9.29	12.54	323	676	5.207	43.619 #
17) L4	Aroclor-1242 (4)	9.61	13.15	248	327	10.344	7.208 #
18) L4	Aroclor-1242 (5)	10.00	13.72	511	343	25.965	17.092 #
	Total Aroclor-1242			2532	2284	92.504	113.125
	Average Aroclor-1242					18.501	22.625
19) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1198F.D Vial: 15
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1198F.D\E1A1198R.D
 Acq On : 30 Jul 97 03:27 AM Operator: JS
 Sample : ar1242a,ar1242a,,ar1242.sub Inst : E1
 Misc : 1,1,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:38 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

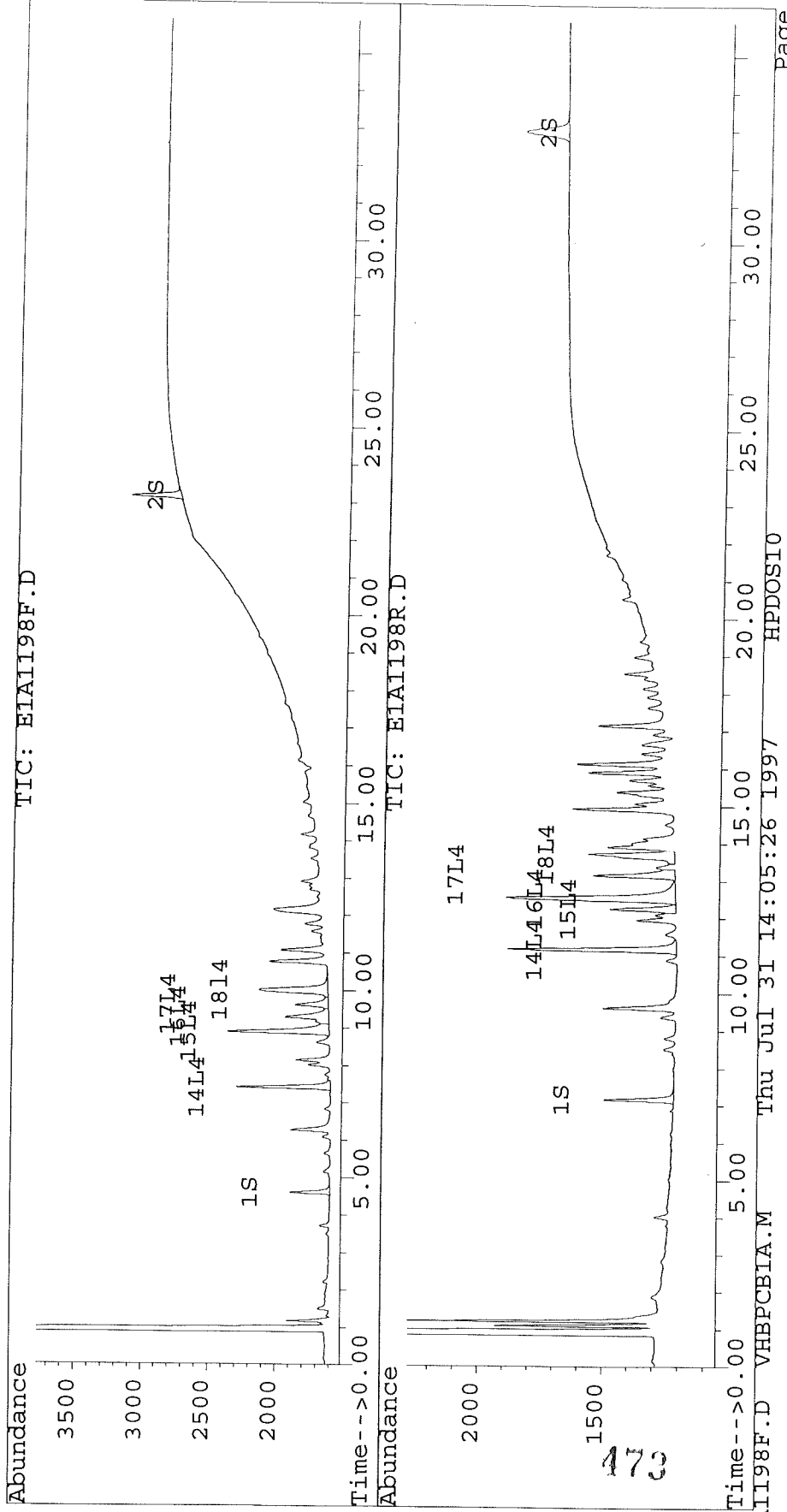
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1198F.D Vial: 15
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1198R.D
Acq On : 30 Jul 97 03:27 AM Operator: JS
Sample : ar1242a,ar1242a,,ar1242.sub Inst : E1
Misc : 1,1,,3 Multiplr: 1.00
Quant Time: Jul 30 13:38 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1199F.D Vial: 16
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1199F.D\E1A1199R.D
 Acq On : 30 Jul 97 04:08 AM Operator: JS
 Sample : ar1248e,ar1248e,,ar1248.sub Inst : E1
 Misc : 1,5,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:39 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.60	7.16	23433	22847	100.779	122.387
			Recovery	=	251.95%	305.97%
2) S Decachlorobiphenyl	23.15	32.97f	21024	9948	168.537	173.093m
			Recovery	=	421.34%	432.73%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	10.75	15.38	40817	24845	1361.264	1262.815

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1199F.D Vial: 16
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1199F.D\E1A1199R.D
 Acq On : 30 Jul 97 04:08 AM Operator: JS
 Sample : ar1248e,ar1248e,,ar1248.sub Inst : E1
 Misc : 1,5,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:39 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.06	15.88	36492	38110	1449.942	1865.463
21) L5 Aroclor-1248 {3}	12.13	16.11	47987	40952	1597.612	2641.645
Total Aroclor-1248			125297	103908	4408.818	5769.923
Average Aroclor-1248					1469.606	1923.308
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

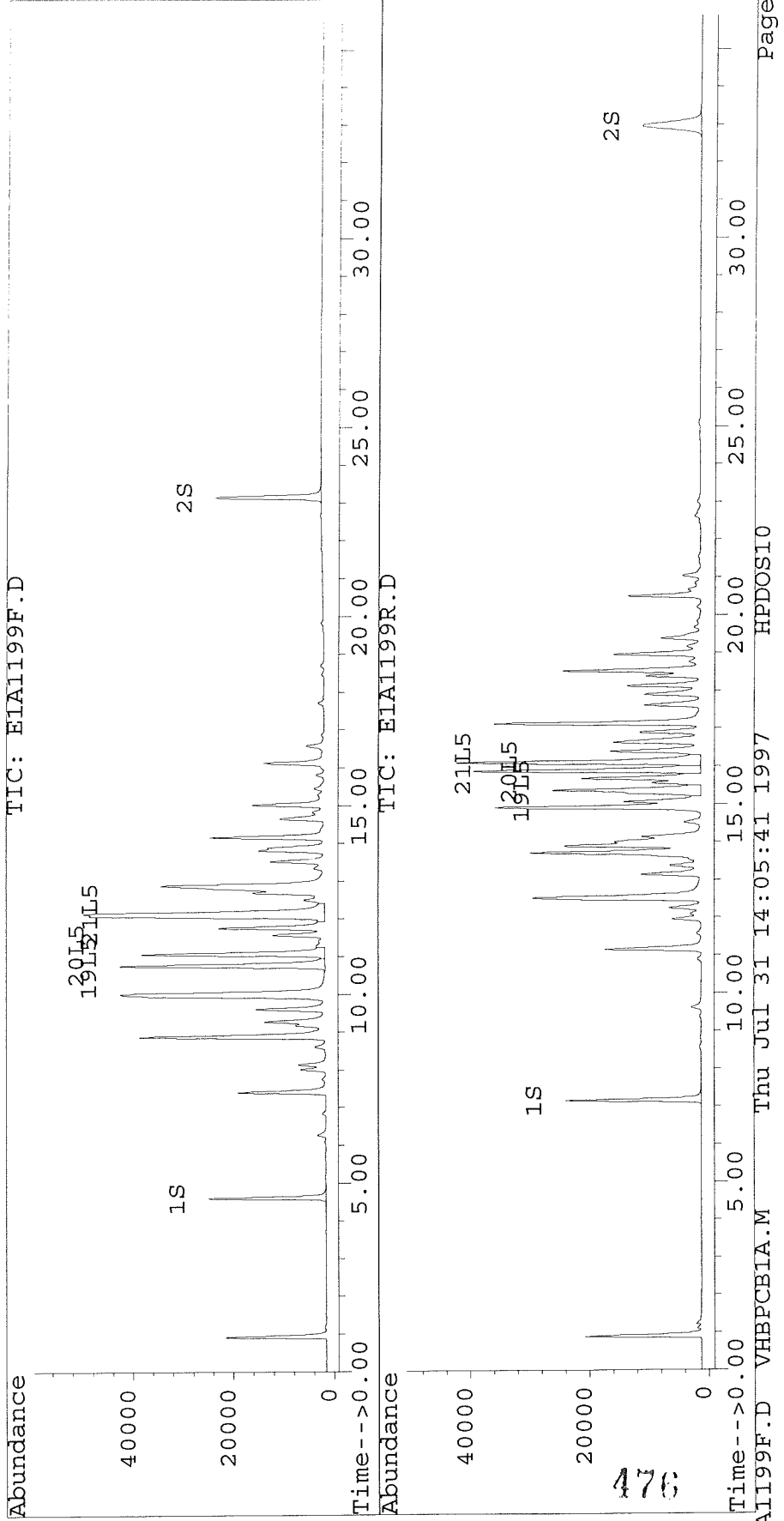
475

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1199F.D Vial: 16
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1199R.D
Acq On : 30 Jul 97 04:08 AM Operator: JS
Sample : ar1248e,ar1248e,,ar1248.sub Inst : E1
Misc : 1,5,,3 Multiplr: 1.00
Quant Time: Jul 30 13:39 1997

Method : C:\HPCHEM\5\METHODS\VBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1200F.D Vial: 17
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1200F.D\E1A1200R.D
 Acq On : 30 Jul 97 04:49 AM Operator: JS
 Sample : ar1248d,ar1248d,,ar1248.sub Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 30 14:12 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.60	7.16	11385	10892	48.962	58.347
			Recovery	=	122.41%	145.87%
2) S Decachlorobiphenyl	23.15	32.97f	11237	5176	90.078	90.069m
			Recovery	=	225.20%	225.17%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	10.75	15.38	22112	12812	737.427	651.203

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1200F.D Vial: 17
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1200F.D\E1A1200R.D
 Acq On : 30 Jul 97 04:49 AM Operator: JS
 Sample : ar1248d,ar1248d,,ar1248.sub Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 30 14:12 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.06	15.89	19156	20189	761.121	988.220 #
21) L5 Aroclor-1248 {3}	12.14	16.11	24308	21431	809.268m	1382.389 #
Total Aroclor-1248			65576	54432	2307.816	3021.811
Average Aroclor-1248					769.272	1007.270
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

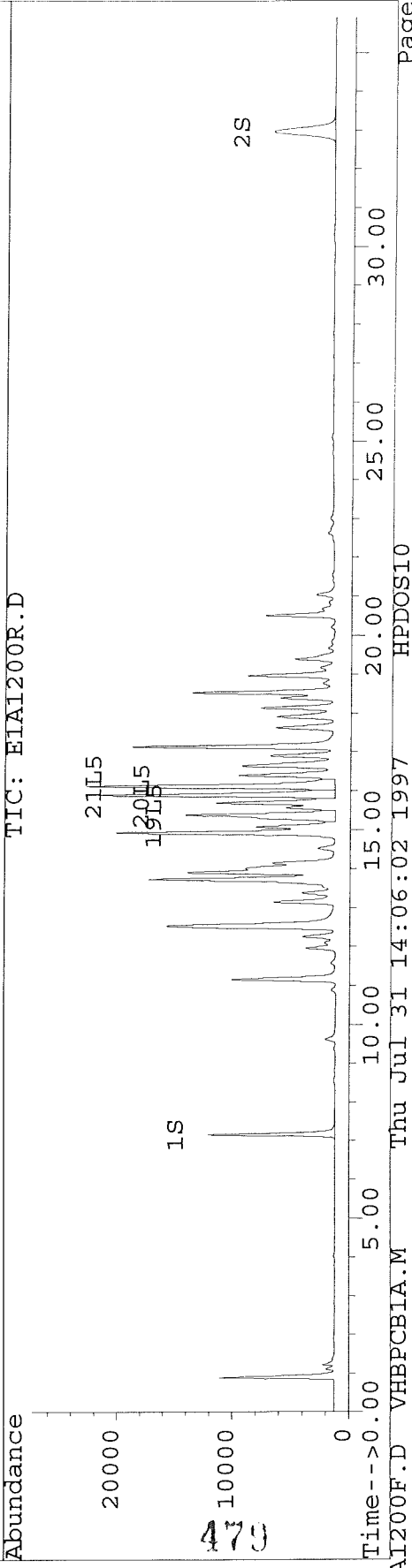
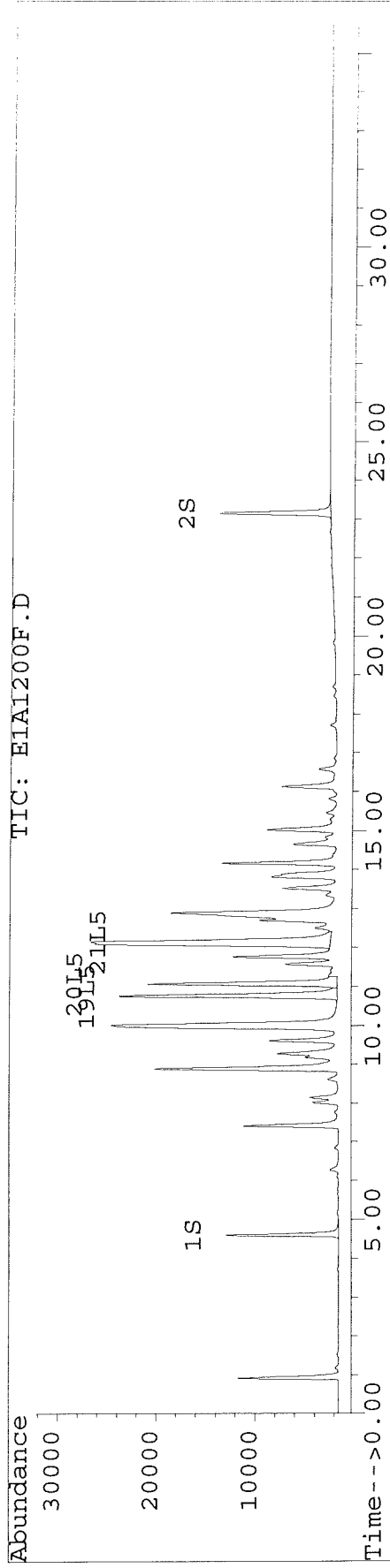
478

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1200F.D Vial: 17
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1200R.D
Acq On : 30 Jul 97 04:49 AM Operator: JS
Sample : ar1248d,ar1248d,,ar1248.sub Inst : E1
Misc : 1,4,,3 Multiplr: 1.00
Quant Time: Jul 30 14:12 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1201F.D Vial: 18
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1201F.D\E1A1201R.D
 Acq On : 30 Jul 97 05:29 AM Operator: JS
 Sample : ar1248c,ar1248c,,ar1248.sub Inst : E1
 Misc : 1,3,,3 Multiplr: 1.00
 Quant Time: Jul 30 14:13 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.60	7.16	4176	3956	17.960	21.192
			Recovery	=	44.90%	52.98%
2) S Decachlorobiphenyl	23.15	32.98f	4624	2106	37.068	36.645m
			Recovery	=	92.67%	91.61%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	10.76	15.38	9213	5023	307.260	255.279

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1201F.D Vial: 18
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1201F.D\E1A1201R.D
 Acq On : 30 Jul 97 05:29 AM Operator: JS
 Sample : ar1248c,ar1248c,,ar1248.sub Inst : E1
 Misc : 1,3,,3 Multiplr: 1.00
 Quant Time: Jul 30 14:13 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.07	15.89	7610	8090	302.376	395.974 #
21) L5 Aroclor-1248 {3}	12.15	16.12	9558	8416	318.207m	542.860 #
Total Aroclor-1248			26381	21528	927.843	1194.113
Average Aroclor-1248					309.281	398.038
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

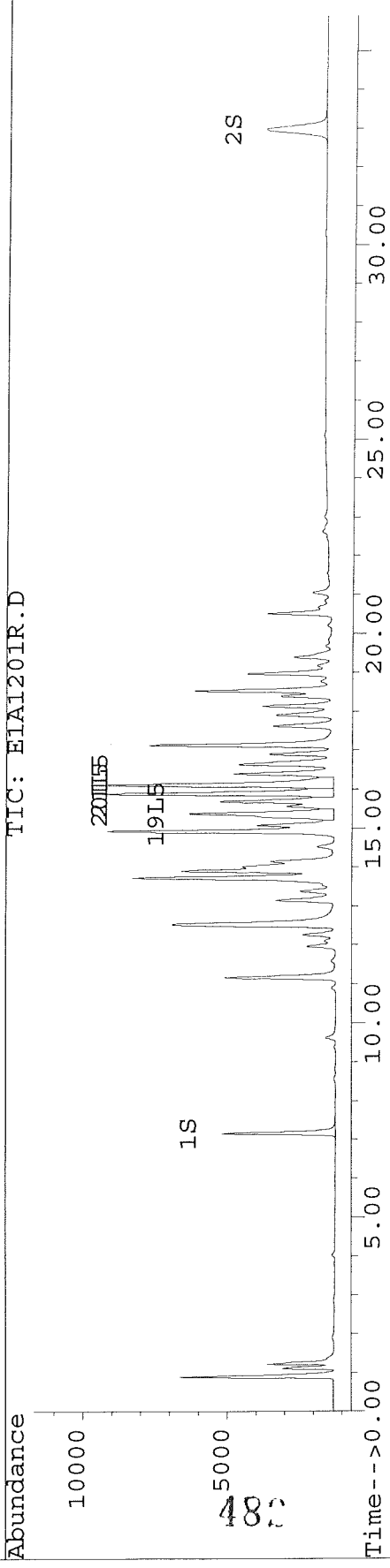
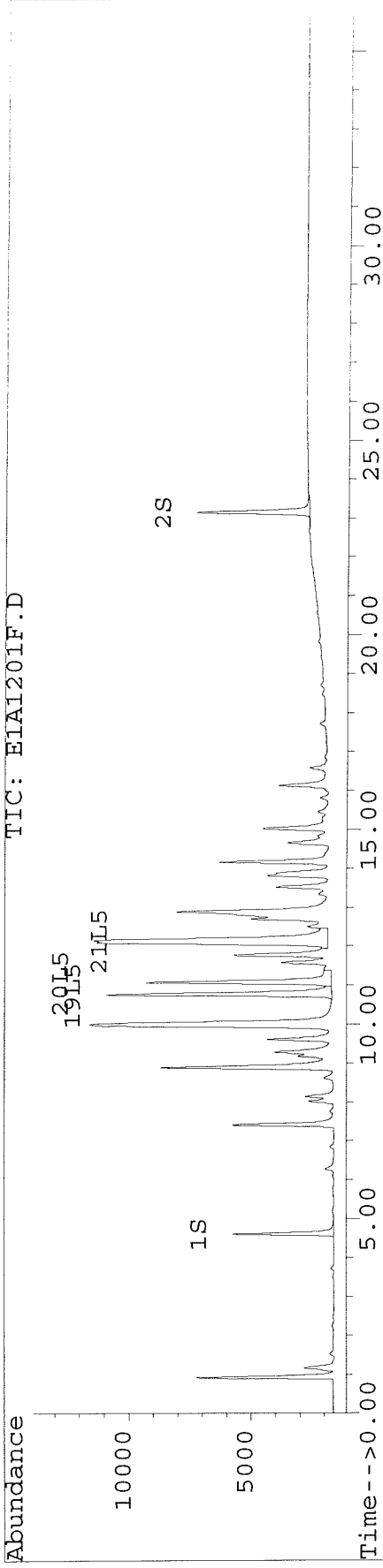
481

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1201F.D Vial: 18
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1201R.D
Acq On : 30 Jul 97 05:29 AM Operator: JS
Sample : ar1248c,ar1248c,,ar1248.sub Inst : E1
Misc : 1,3,,3 Multiplr: 1.00
Quant Time: Jul 30 14:13 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1202F.D Vial: 19
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1202F.D\E1A1202R.D
 Acq On : 30 Jul 97 06:10 AM Operator: JS
 Sample : ar1248b,ar1248b,,ar1248.sub Inst : E1
 Misc : 1,2,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.60	7.16	2036	1832	8.755	9.812
			Recovery	=	21.89%	24.53%
2) S Decachlorobiphenyl	23.16	32.99f	2272	1032	18.217m	17.956m
			Recovery	=	45.54%	44.89%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	10.76	15.39	4577	2464	152.651	125.236

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1202F.D Vial: 19
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1202F.D\E1A1202R.D
 Acq On : 30 Jul 97 06:10 AM Operator: JS
 Sample : ar1248b,ar1248b,,ar1248.sub Inst : E1
 Misc : 1,2,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.07	15.90	3659	3960	145.370	193.853 #
21) L5 Aroclor-1248 {3}	12.15	16.12	4590	4104	152.805	264.717 #
Total Aroclor-1248			12826	10528	450.826	583.805
Average Aroclor-1248					150.275	194.602
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

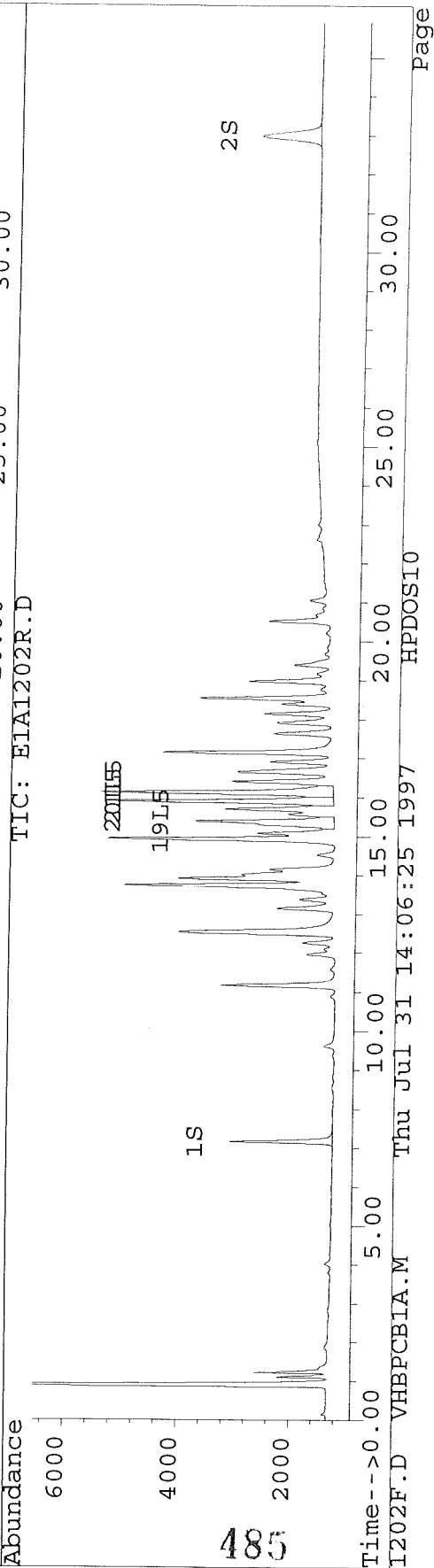
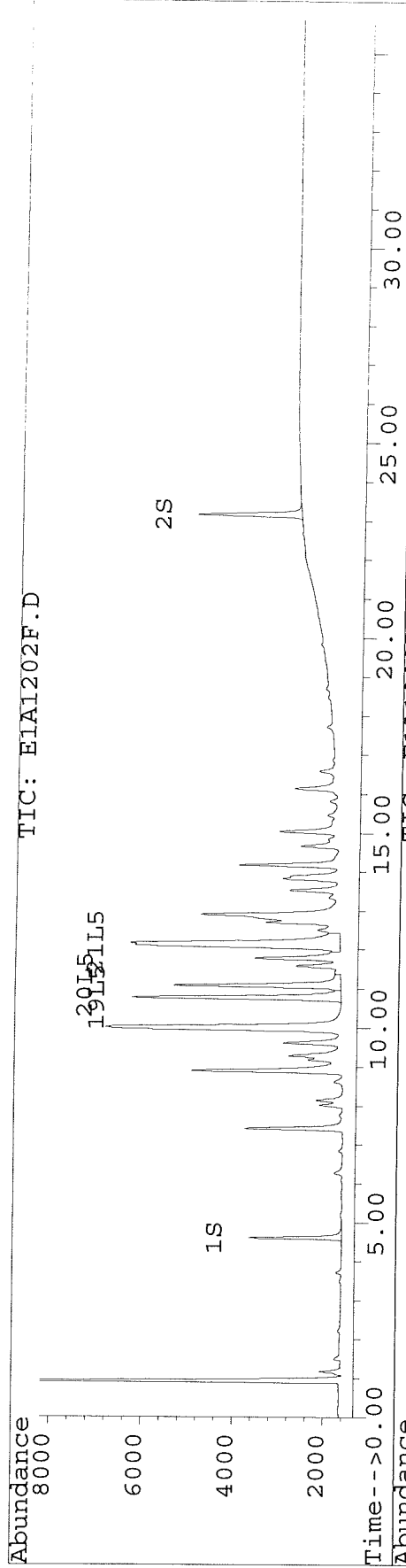
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1202F.D Vial: 19
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1202R.D
Acq On : 30 Jul 97 06:10 AM Operator: JS
Sample : ar1248b,ar1248b,,ar1248.sub Inst : E1
Misc : 1,2,,3 Multiplr: 1.00
Quant Time: Jul 30 13:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1203F.D Vial: 20
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1203F.D\E1A1203R.D
 Acq On : 30 Jul 97 06:51 AM Operator: JS
 Sample : ar1248a,ar1248a,,ar1248.sub Inst : E1
 Misc : 1,1,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:41 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.59	7.16	391	349	1.680m	1.870
			Recovery	=	4.20%	4.68%
2) S Decachlorobiphenyl	23.16	33.01	461	213	3.695m	3.714m
			Recovery	=	9.24%	9.29%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	10.77	15.39	925	499	30.864	25.337

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1203F.D Vial: 20
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1203F.D\E1A1203R.D
 Acq On : 30 Jul 97 06:51 AM Operator: JS
 Sample : ar1248a,ar1248a,,ar1248.sub Inst : E1
 Misc : 1,1,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:41 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.08	15.91	724	792	28.753	38.764 #
21) L5 Aroclor-1248 {3}	12.16	16.13	870	798	28.975	51.503 #
Total Aroclor-1248			2519	2089	88.592	115.604
Average Aroclor-1248					29.531	38.535
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

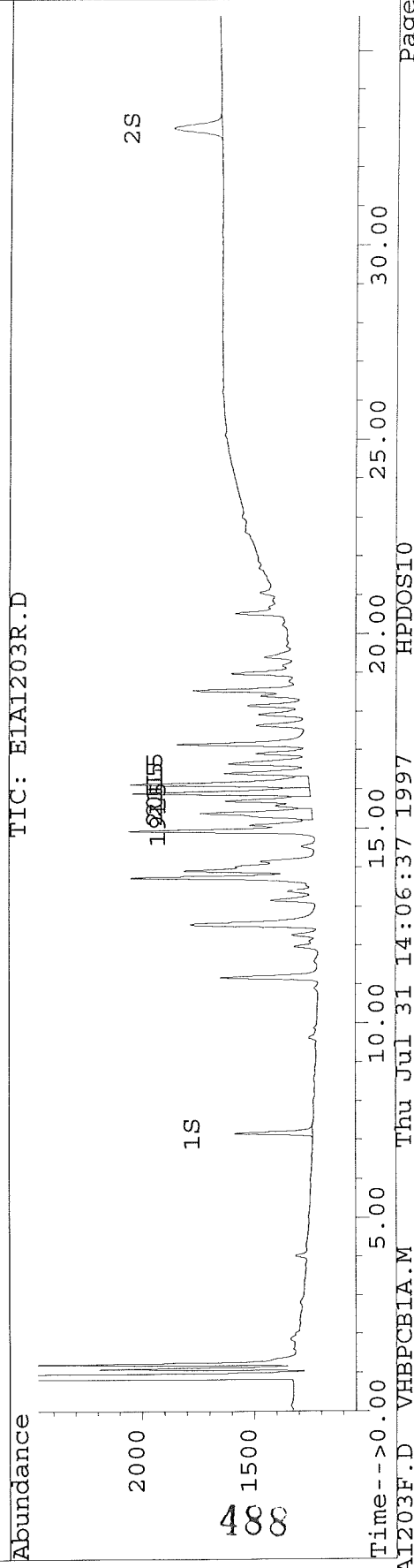
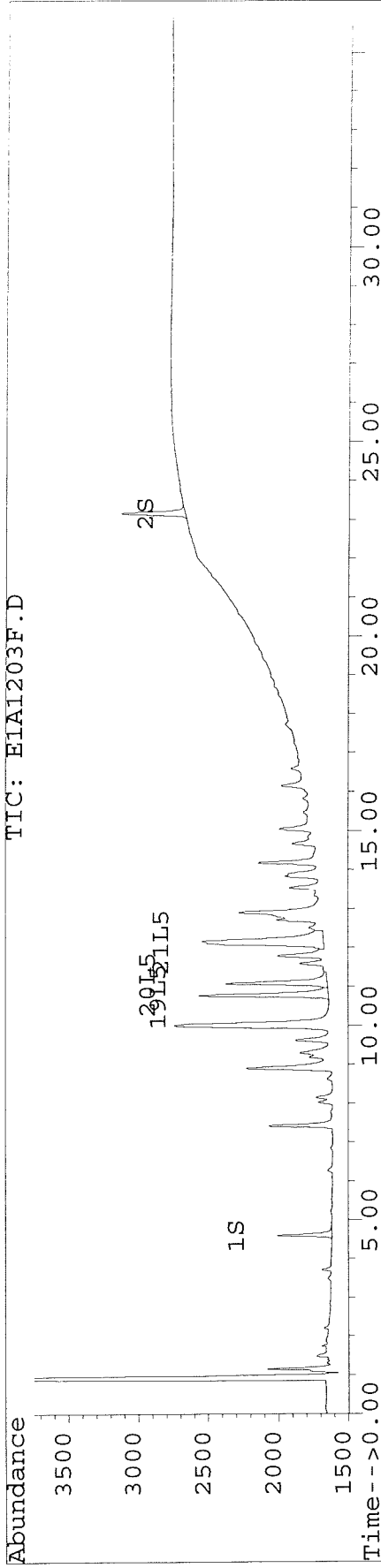
487

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1203F.D Vial: 20
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1203R.D
Acq On : 30 Jul 97 06:51 AM Operator: JS
Sample : ar1248a,ar1248a,,ar1248.sub Inst : E1
Misc : 1,1,,3 Multiplr: 1.00
Quant Time: Jul 30 13:41 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1204F.D Vial: 21
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1204F.D\E1A1204R.D
 Acq On : 30 Jul 97 07:32 AM Operator: JS
 Sample : ar1254e,ar1254e,,ar1254.sub Inst : E1
 Misc : 1,5,,3 Multiplr: 1.00
 Quant Time: Jul 30 14:07 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.60	7.17	29012	25297	97.627m	92.116
			Recovery	=	244.07%	230.29%
2) S Decachlorobiphenyl	23.18	33.05	22299	10827	75.987	79.550
			Recovery	=	189.97%	198.88%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1204F.D Vial: 21
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1204F.D\E1A1204R.D
 Acq On : 30 Jul 97 07:32 AM Operator: JS
 Sample : ar1254e,ar1254e,,ar1254.sub Inst : E1
 Misc : 1,5,,3 Multiplr: 1.00
 Quant Time: Jul 30 14:07 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	13.83f	18.16	37069	35752	1176.881m	1168.453
23) L6 Aroclor-1254 {2}	14.18f	18.55	72858	72733	1121.021m	1093.286
24) L6 Aroclor-1254 {3}	14.67f	18.99	33577	47845	1090.503m	1231.965
25) L6 Aroclor-1254 (4)	15.04	19.50	47239	30175	1162.721m	1116.647
26) L6 Aroclor-1254 (5)	16.59	21.07	60462	50812	1210.942	1217.919
Total Aroclor-1254			251205	237318	5762.069	5828.270
Average Aroclor-1254					1152.414	1165.654
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

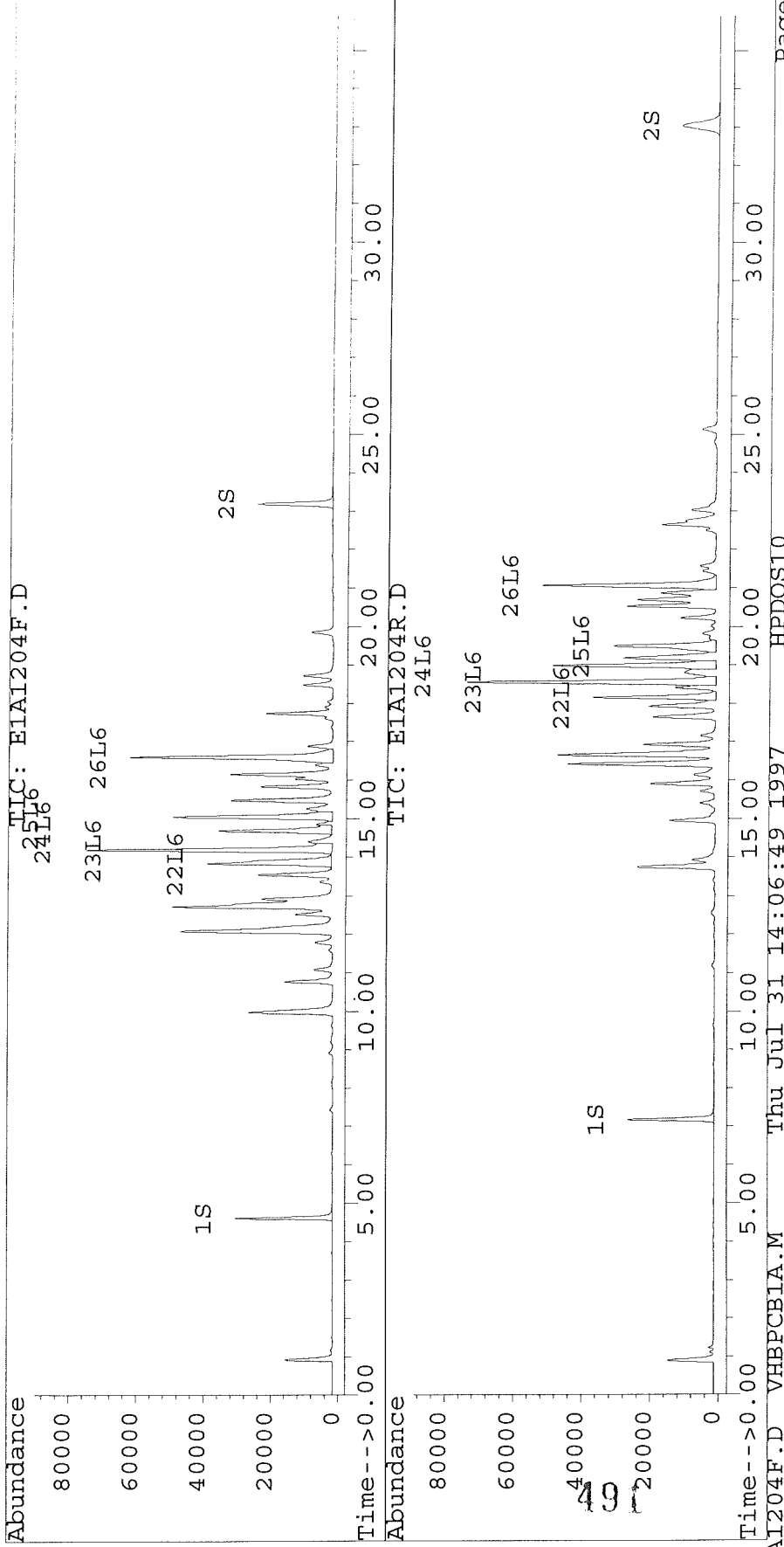
490

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1204F.D Vial: 21
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1204R.D
Acq On : 30 Jul 97 07:32 AM
Sample : ar1254e,ar1254e,,ar1254.sub
Misc : 1,5,,3
Quant Time: Jul 30 14:07 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1205F.D Vial: 22
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1205F.D\E1A1205R.D
 Acq On : 30 Jul 97 08:11 AM Operator: JS
 Sample : ar1254d,ar1254d,,ar1254.sub Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:42 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.61	7.18	13991	12172	60.169	65.203
			Recovery	=	150.42%	163.01%
2) S Decachlorobiphenyl	23.19	33.08	11621	5518	93.160	96.007
			Recovery	=	232.90%	240.02%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1205F.D Vial: 22
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1205F.D\E1A1205R.D
 Acq On : 30 Jul 97 08:11 AM Operator: JS
 Sample : ar1254d,ar1254d,,ar1254.sub Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:42 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

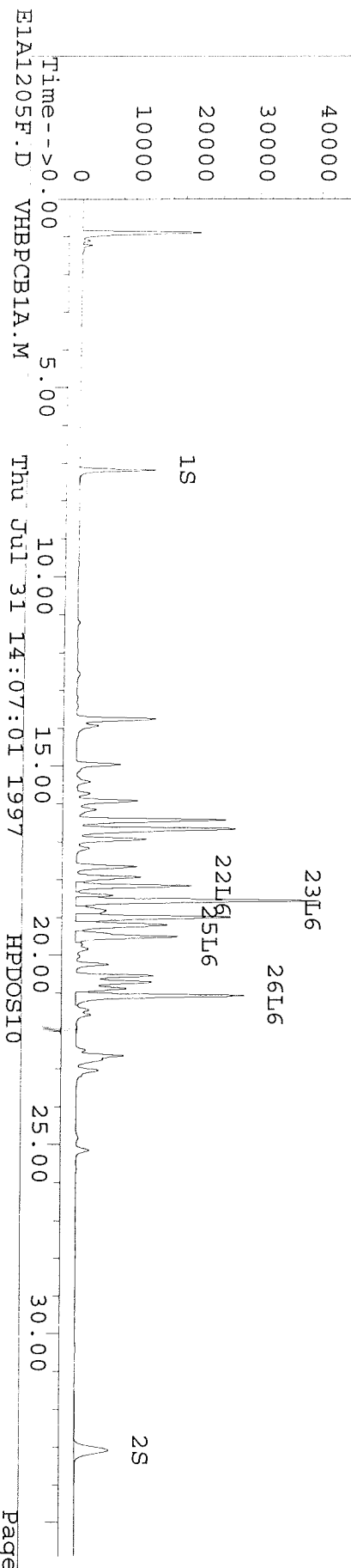
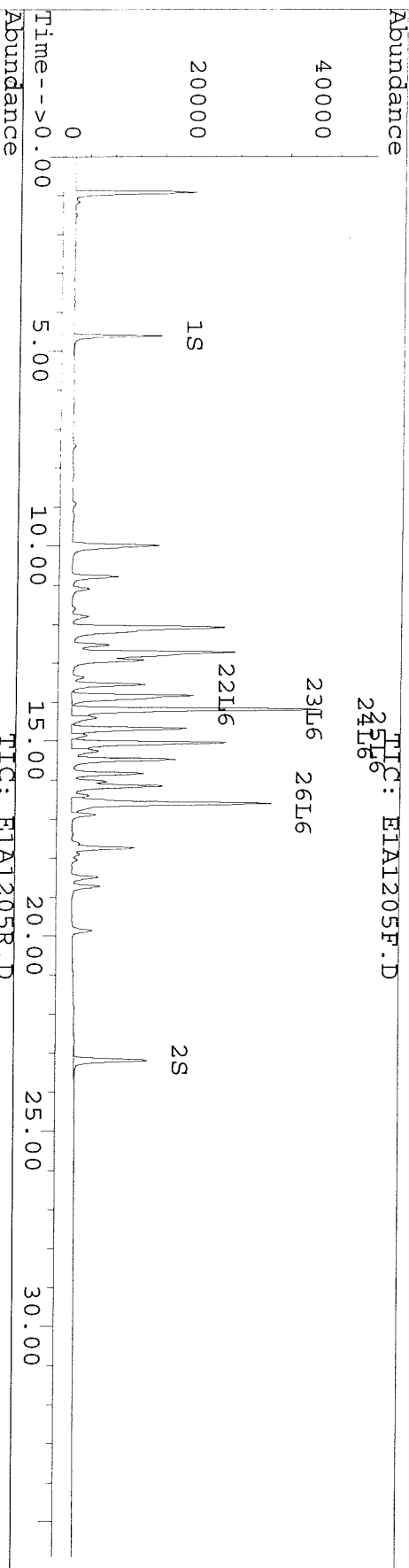
Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
22) L6 Aroclor-1254	13.84f	18.17	19445	18635	617.355	632.028
23) L6 Aroclor-1254 {2}	14.19f	18.56	39798	39332	612.341	610.599
24) L6 Aroclor-1254 {3}	14.68f	19.00	18312	24983	594.737	684.506
25) L6 Aroclor-1254 (4)	15.05	19.51	24689	16418	632.469	636.106
26) L6 Aroclor-1254 (5)	16.60f	21.08	31854	27146	669.778	686.833
Total Aroclor-1254			134098	126514	3126.680	3250.072
Average Aroclor-1254					625.336	650.014
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1205F.D Vial: 22
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1205F.D\E1A1205R.D
Acq On : 30 Jul 97 08:11 AM Operator: JS
Sample : ar1254d,ar1254d, ar1254.sub Inst : E1
Misc : 1,4,,3 Multiplr: 1.00
Quant Time: Jul 30 13:42 1997

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Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1206F.D Vial: 23
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1206F.D\E1A1206R.D
 Acq On : 30 Jul 97 08:50 AM Operator: JS
 Sample : ar1254c,ar1254c,,ar1254.sub Inst : E1
 Misc : 1,3,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:43 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.62	7.19	4171	4083	17.937	21.872
			Recovery	=	44.84%	54.68%
2) S Decachlorobiphenyl	23.20	33.10f	4799	2210	38.469m	38.459m
			Recovery	=	96.17%	96.15%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1206F.D Vial: 23
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1206F.D\E1A1206R.D
 Acq On : 30 Jul 97 08:50 AM Operator: JS
 Sample : ar1254c,ar1254c,,ar1254.sub Inst : E1
 Misc : 1,3,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:43 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	13.85f	18.18	7337	7233	232.944	245.326
23) L6 Aroclor-1254 {2}	14.20	18.57	15870	16239	244.187	252.092
24) L6 Aroclor-1254 {3}	14.69f	19.01	7560	9906	245.547	271.400
25) L6 Aroclor-1254 (4)	15.06	19.52	9453	6797	242.159	263.340
26) L6 Aroclor-1254 (5)	16.61	21.09	12485	10783	262.524	272.833
Total Aroclor-1254			52706	50958	1227.361	1304.992
Average Aroclor-1254					245.472	260.998
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

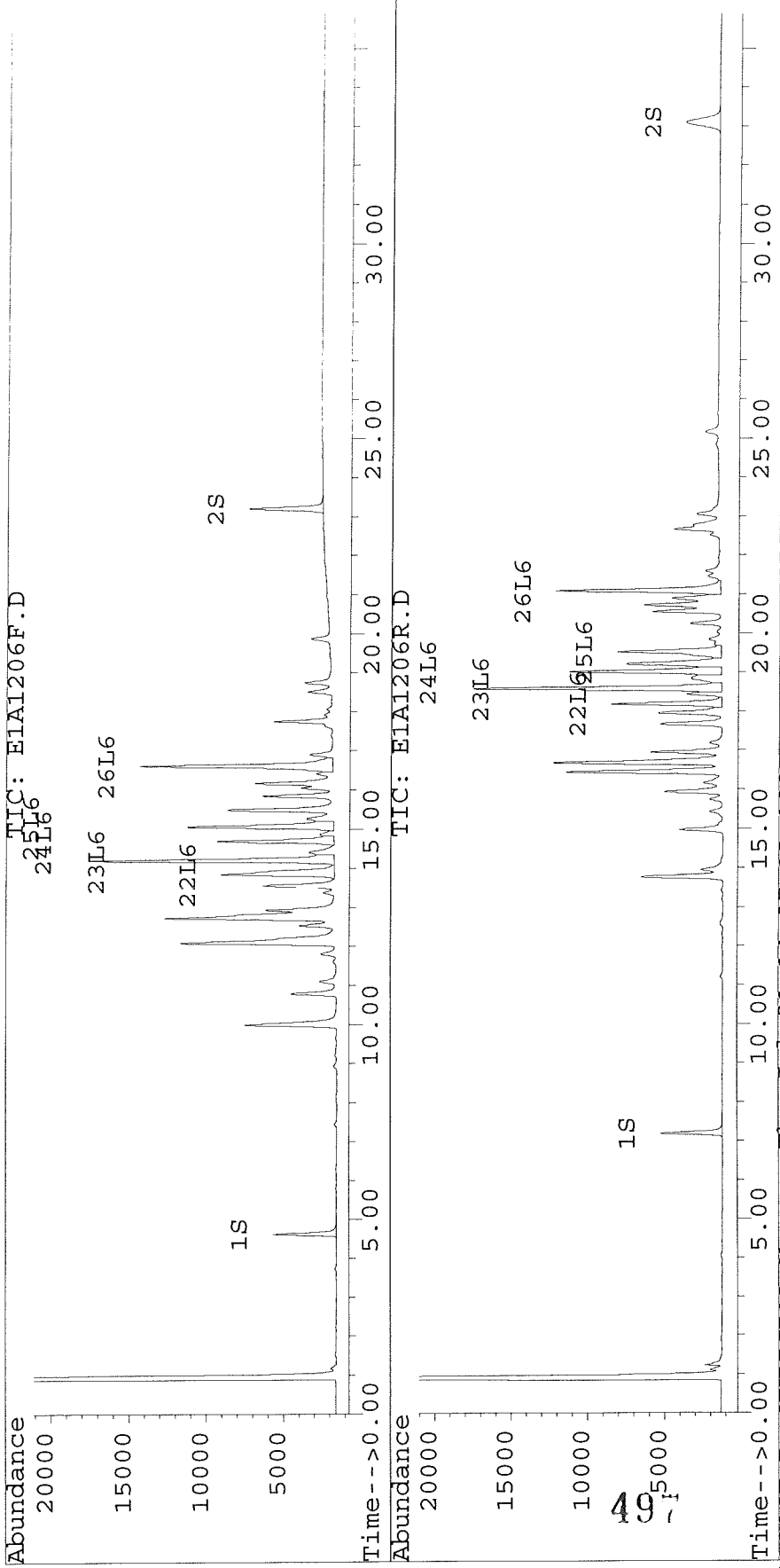
496

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1206F.D Vial: 23
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1206R.D
Acq On : 30 Jul 97 08:50 AM
Sample : ar1254c,ar1254c,,ar1254.sub
Misc : 1,3,,3
Quant Time: Jul 30 13:43 1997
Operator: JS
Inst : E1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1207F.D Vial: 24
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1207F.D\E1A1207R.D
 Acq On : 30 Jul 97 09:30 AM Operator: JS
 Sample : ar1254b,ar1254b,,ar1254.sub Inst : E1
 Misc : 1,2,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:44 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.62	7.19	2312	2006	9.942	10.748
			Recovery	=	24.86%	26.87%
2) S Decachlorobiphenyl	23.21	33.12f	2368	1114	18.982m	19.377m
			Recovery	=	47.46%	48.44%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1207F.D Vial: 24
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1207F.D\E1A1207R.D
 Acq On : 30 Jul 97 09:30 AM Operator: JS
 Sample : ar1254b,ar1254b,,ar1254.sub Inst : E1
 Misc : 1,2,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:44 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	13.85	18.18	3539	3582	112.365	121.476
23) L6 Aroclor-1254 {2}	14.20	18.58	7844	8138	120.687	126.335
24) L6 Aroclor-1254 {3}	14.70	19.02	3829	4844	124.355	132.708
25) L6 Aroclor-1254 (4)	15.07	19.53	4518	3495	115.743	135.413
26) L6 Aroclor-1254 (5)	16.62	21.09f	6071	5308	127.643	134.303
Total Aroclor-1254			25801	25366	600.793	650.235
Average Aroclor-1254					120.159	130.047
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

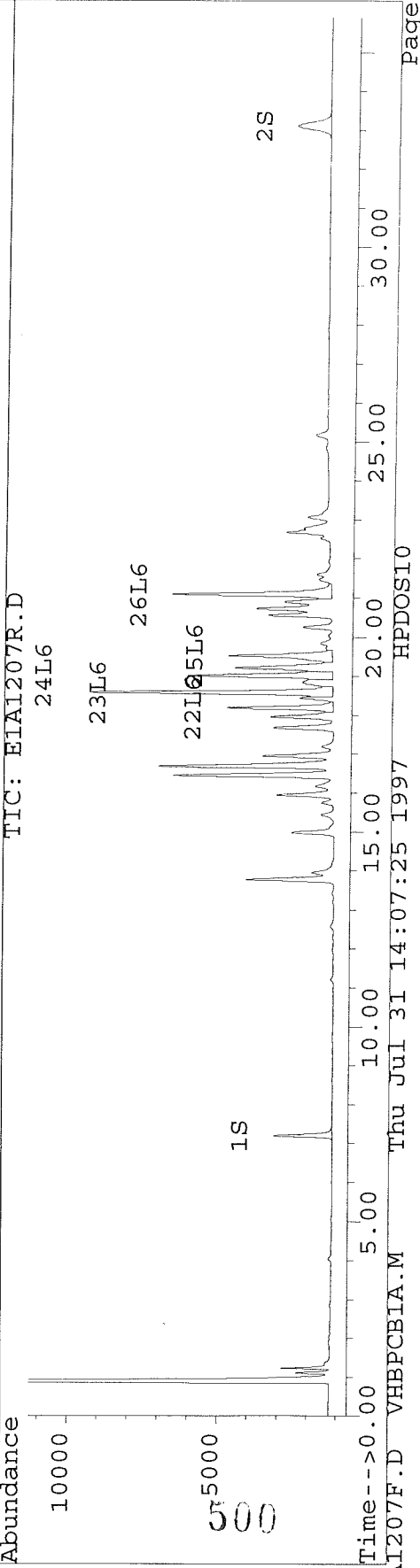
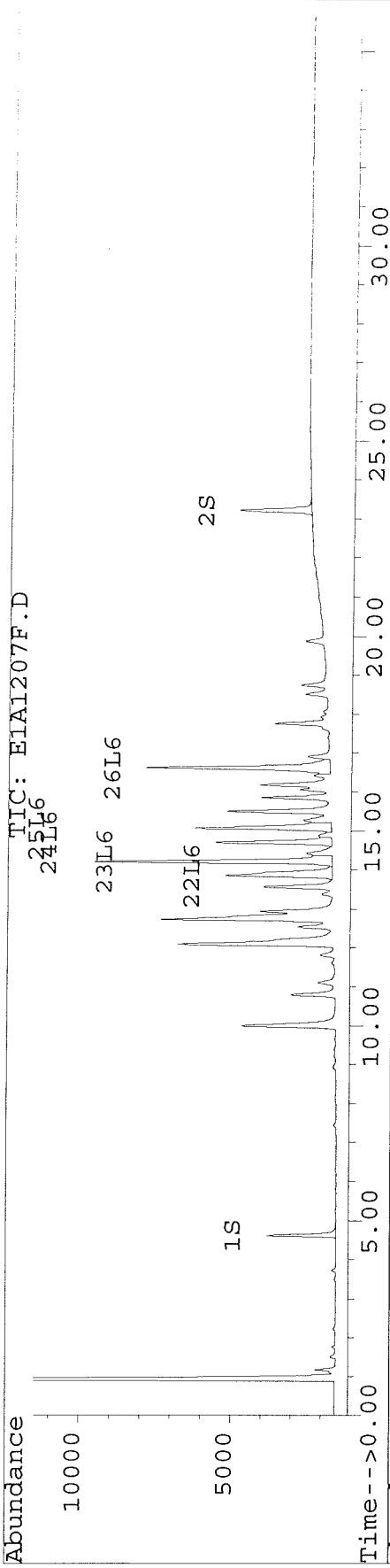
499

Quantitation report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1207F.D Vial: 24
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1207R.D
Acq On : 30 Jul 97 09:30 AM Operator: JS
Sample : ar1254b,ar1254b,,ar1254.sub Inst : E1
Misc : 1,2,,3 Multiplr: 1.00
Quant Time: Jul 30 13:44 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1208F.D Vial: 25
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1208F.D\E1A1208R.D
 Acq On : 30 Jul 97 10:09 AM Operator: JS
 Sample : ar1254a,ar1254a,,ar1254.sub Inst : E1
 Misc : 1,1,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:45 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.62	7.20f	345	312	1.483	1.671
			Recovery	=	3.71%	4.18%
2) S Decachlorobiphenyl	23.22	33.14f	436	202	3.493m	3.524m
			Recovery	=	8.73%	8.81%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1208F.D Vial: 25
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1208F.D\E1A1208R.D
 Acq On : 30 Jul 97 10:09 AM Operator: JS
 Sample : ar1254a,ar1254a,,ar1254.sub Inst : E1
 Misc : 1,1,,3 Multiplr: 1.00
 Quant Time: Jul 30 13:45 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	13.86	18.19f	613	617	19.464	20.916
23) L6 Aroclor-1254 {2}	14.21	18.59f	1360	1427	20.930	22.158
24) L6 Aroclor-1254 {3}	14.71	19.03f	718	869	23.316	23.798
25) L6 Aroclor-1254 (4)	15.08	19.54f	782	642	20.040	24.866
26) L6 Aroclor-1254 (5)	16.63	21.10f	1077	945	22.644	23.911
Total Aroclor-1254			4551	4499	106.395	115.649
Average Aroclor-1254					21.279	23.130
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

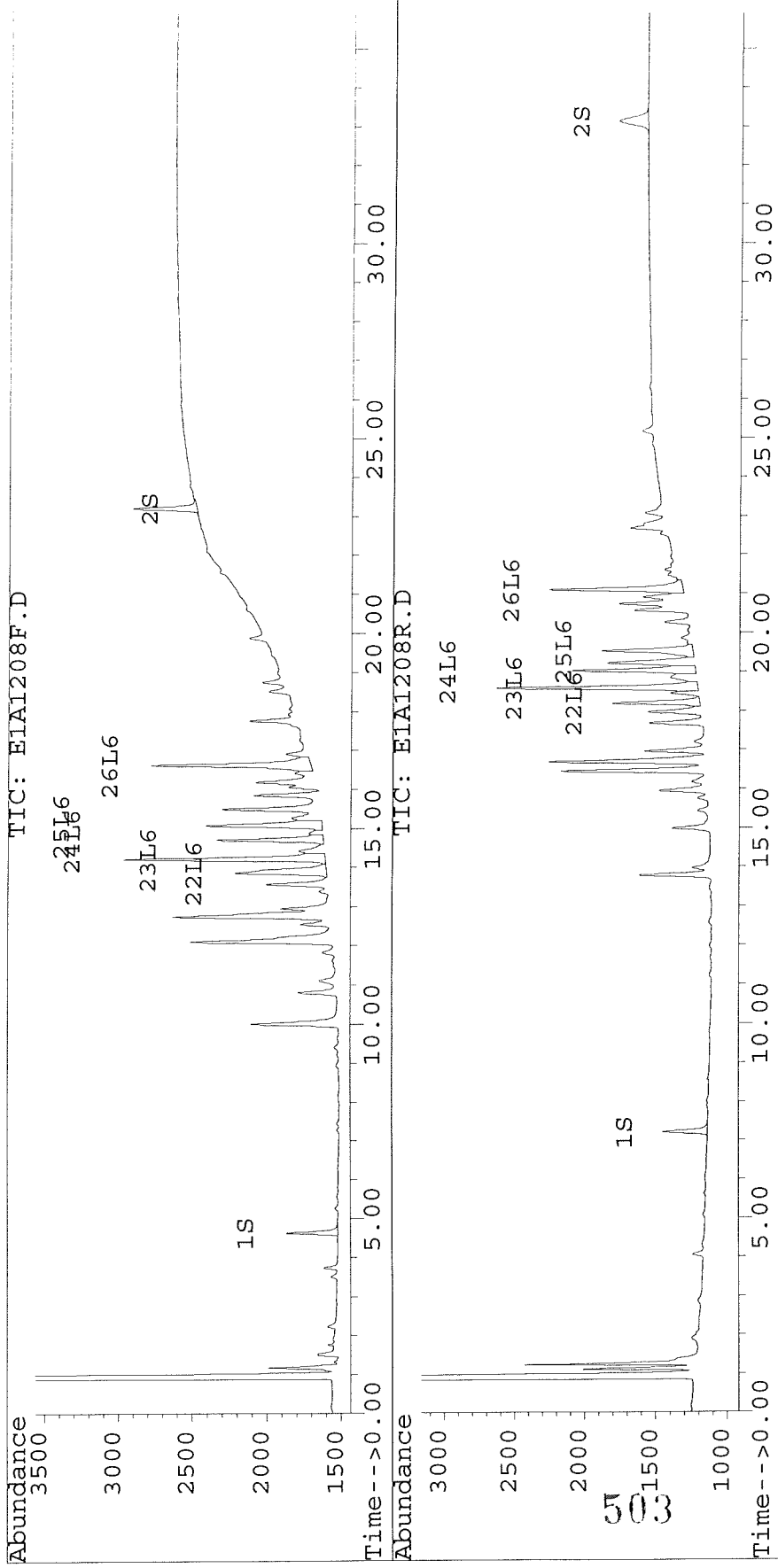
502

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1208F.D Vial: 25
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1208R.D
Acq On : 30 Jul 97 10:09 AM Operator: JS
Sample : ar1254a,ar1254a,,ar1254.sub Inst : E1
Misc : 1,1,,3 Multiplr: 1.00
Quant Time: Jul 30 13:45 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1209F.D Vial: 26
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1209F.D\E1A1209R.D
 Acq On : 30 Jul 97 10:49 AM Operator: JS
 Sample : ar1660e,ar1660e,,ar1660.sub Inst : E1
 Misc : 1,5,,3 Multiplr: 1.00
 Quant Time: Jul 31 14:39 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 14:58:29 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
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System Monitoring Compounds

1) S	Tetrachloro-m-xylen	4.62	7.20	26982	25008	118.106	118.428
				Recovery	=	295.27%	296.07%
2) S	Decachlorobiphenyl	23.22	33.15	23413	11085	96.761	97.430
				Recovery	=	241.90%	243.58%

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	7.44	11.21	44625	40912	1420.503	1383.641
6) L1	Aroclor-1016 {2}	8.91	12.59	80345	62710	1771.979	1695.550
7) L1	Aroclor-1016 {3}	10.05	13.19	35990	28989	1490.490	1671.370
	Total Aroclor-1016			160961	132610	4682.972	4750.561
	Average Aroclor-1016					1560.991	1583.520
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.d	N.D.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.
17) L4	Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4	Aroclor-1242 (5)	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
19) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1209F.D Vial: 26
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1209F.D\E1A1209R.D
 Acq On : 30 Jul 97 10:49 AM Operator: JS
 Sample : ar1660e,ar1660e,,ar1660.sub Inst : E1
 Misc : 1,5,,3 Multiplr: 1.00
 Quant Time: Jul 31 14:39 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 14:58:29 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	17.76	22.53	52711	40747	1230.937	1079.753
28) L7 Aroclor-1260 {2}	18.74	23.07	102777	95173	1645.797	2241.647
29) L7 Aroclor-1260 {3}	19.87	25.18	76097	42975	1703.151	1723.705
Total Aroclor-1260			231585	178894	4579.884	5045.105
Average Aroclor-1260					1526.628	1681.702

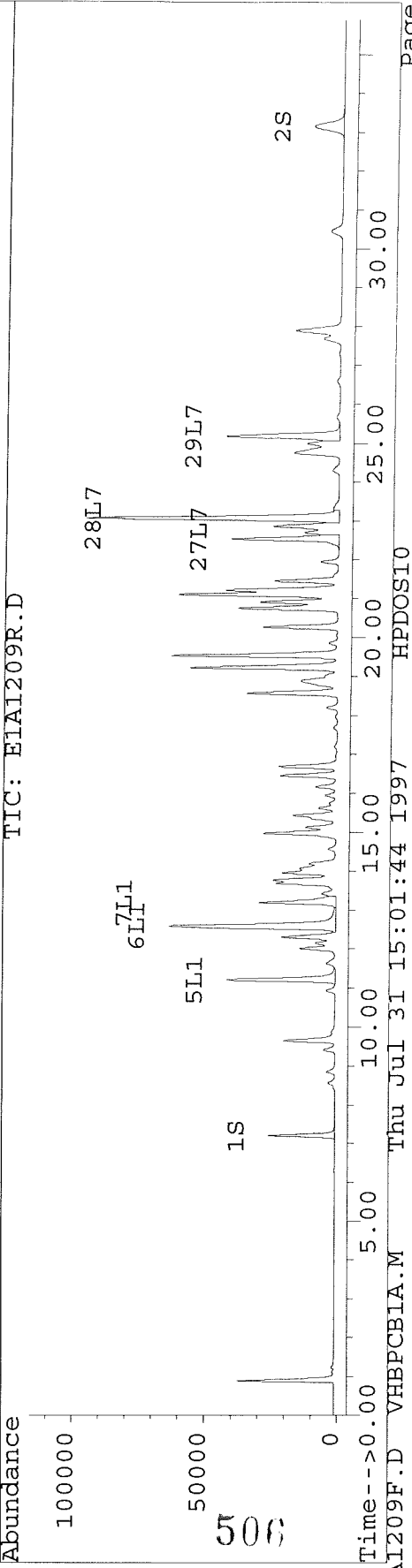
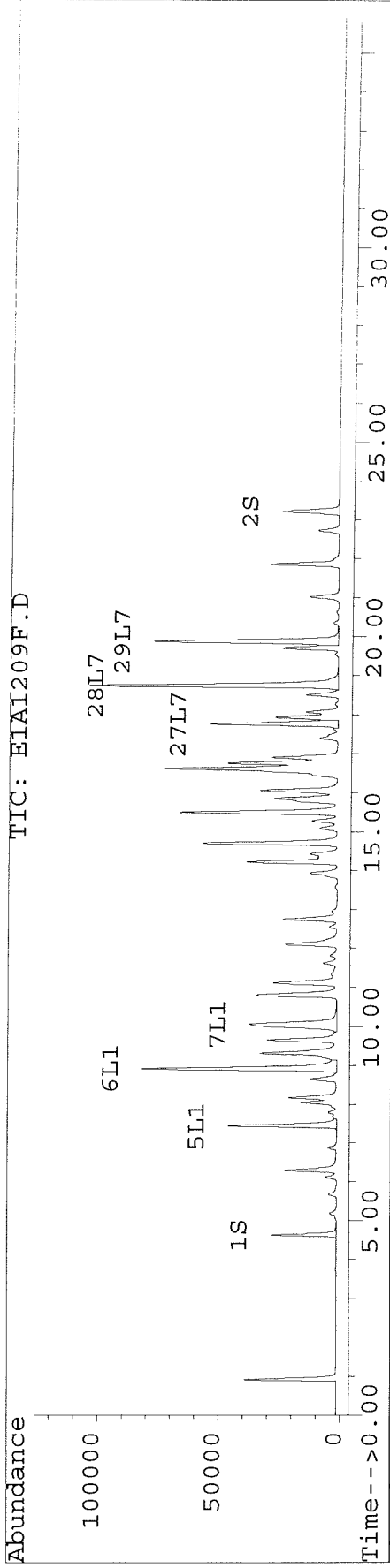
505

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1209F.D Vial: 26
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1209R.D
Acq On : 30 Jul 97 10:49 AM Operator: JS
Sample : ar1660e,ar1660e,ar1660.sub Inst : E1
Misc : 1,5,,3 Multiplr: 1.00
Quant Time: Jul 31 14:39 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 14:58:29 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1210F.D Vial: 27
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1210F.D\E1A1210R.D
 Acq On : 30 Jul 97 11:28 AM Operator: JS
 Sample : ar1660d,ar1660d,,ar1660.sub Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 31 14:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 14:58:29 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.62	7.20	12641	11623	55.334	55.040
			Recovery	=	138.34%	137.60%
2) S Decachlorobiphenyl	23.22	33.17	12070	5647	49.884	49.637
			Recovery	=	124.71%	124.09%
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	7.44	11.22	24590	22851	782.750	772.831
6) L1 Aroclor-1016 {2}	8.92	12.59	41427	32771	913.652	886.069
7) L1 Aroclor-1016 {3}	10.05	13.20	19471	14805	806.359	853.606
Total Aroclor-1016			85488	70428	2502.761	2512.506
Average Aroclor-1016					834.254	837.502
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.
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1210F.D Vial: 27
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1210F.D\E1A1210R.D
 Acq On : 30 Jul 97 11:28 AM Operator: JS
 Sample : ar1660d,ar1660d,,ar1660.sub Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 31 14:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 14:58:29 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	17.77	22.54	27763	21081	648.337	558.626
28) L7 Aroclor-1260 {2}	18.75	23.07	53527	49824	857.149	1173.528 #
29) L7 Aroclor-1260 {3}	19.88	25.19	39666	21703	887.787	870.489
Total Aroclor-1260			120957	92608	2393.273	2602.643
Average Aroclor-1260					797.758	867.548

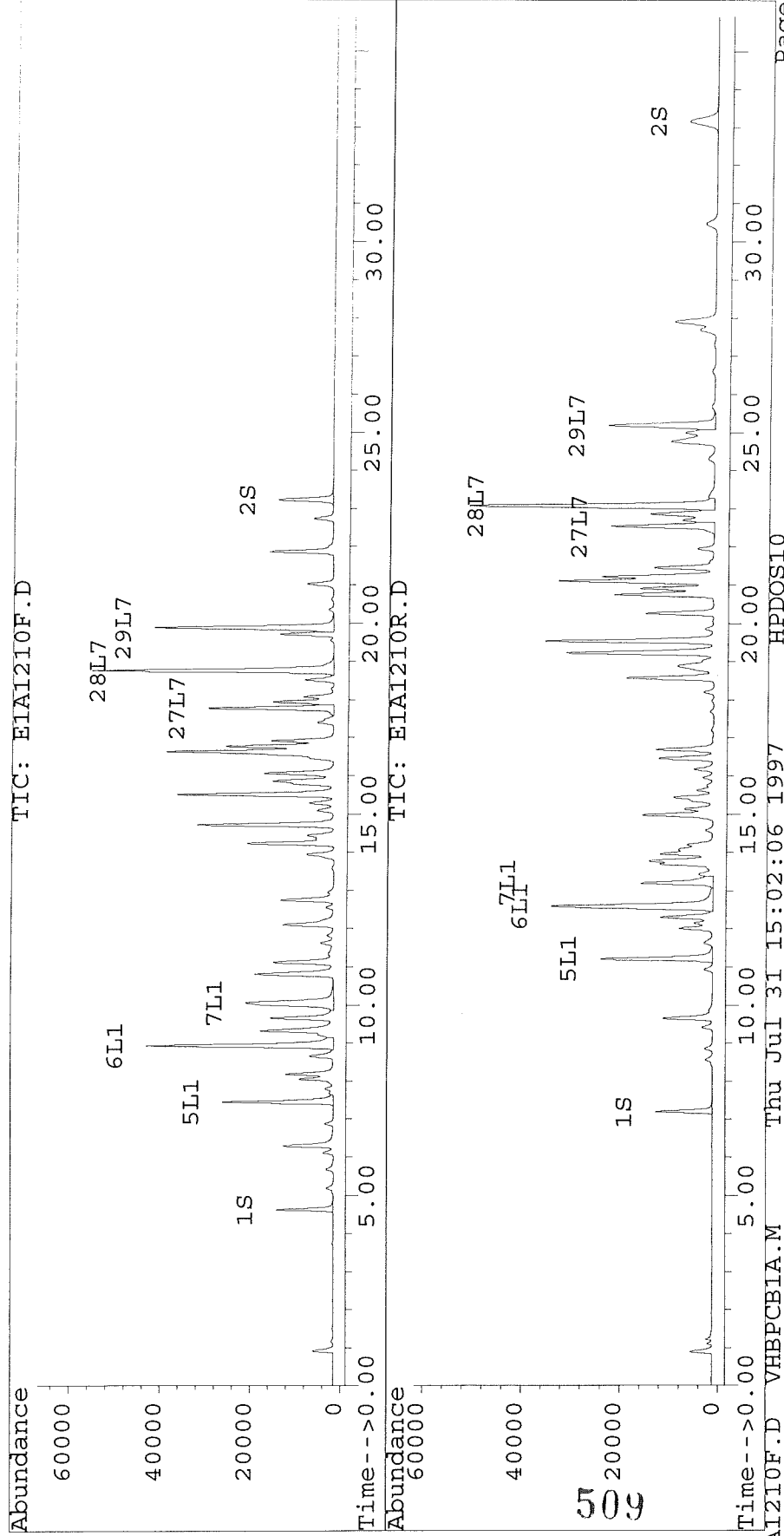
508

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1210F.D Vial: 27
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1210F.D
Acq On : 30 Jul 97 11:28 AM Operator: JS
Sample : ar1660d,ar1660d,,ar1660.sub Inst : E1
Misc : 1,4,,3 Multiplr: 1.00
Quant Time: Jul 31 14:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 14:58:29 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1211F.D Vial: 28
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1211F.D\E1A1211R.D
 Acq On : 30 Jul 97 12:08 PM Operator: JS
 Sample : ar1660c,ar1660c,,ar1660.sub Inst : E1
 Misc : 1,3,,3 Multiplr: 1.00
 Quant Time: Jul 31 14:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 14:58:29 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.63	7.21	4687	4216	20.516	19.964
			Recovery	=	51.29%	49.91%
2) S Decachlorobiphenyl	23.23	33.18	4950	2277	20.459	20.010
			Recovery	=	51.15%	50.03%
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	7.45	11.22	11078	10266	352.651	347.207
6) L1 Aroclor-1016 {2}	8.93	12.60	16239	12921	358.137	349.367
7) L1 Aroclor-1016 {3}	10.05	13.20	8432	6001	349.207	345.984
Total Aroclor-1016			35749	29188	1059.995	1042.557
Average Aroclor-1016					353.332	347.519
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.
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1211F.D Vial: 28
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1211F.D\E1A1211R.D
 Acq On : 30 Jul 97 12:08 PM Operator: JS
 Sample : ar1660c,ar1660c,,ar1660.sub Inst : E1
 Misc : 1,3,,3 Multiplr: 1.00
 Quant Time: Jul 31 14:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 14:58:29 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	17.77	22.55	11287	8757	263.586	232.044
28) L7 Aroclor-1260 {2}	18.75	23.08	22030	20828	352.768	490.568 #
29) L7 Aroclor-1260 {3}	19.88	25.20	15567	8652	348.418	347.046
Total Aroclor-1260			48884	38237	964.772	1069.658
Average Aroclor-1260					321.591	356.553

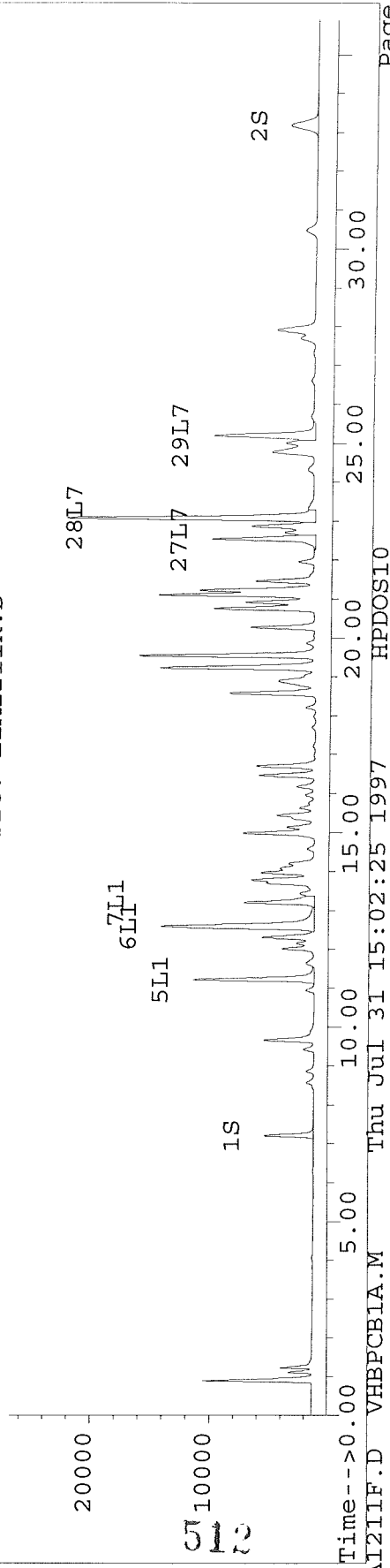
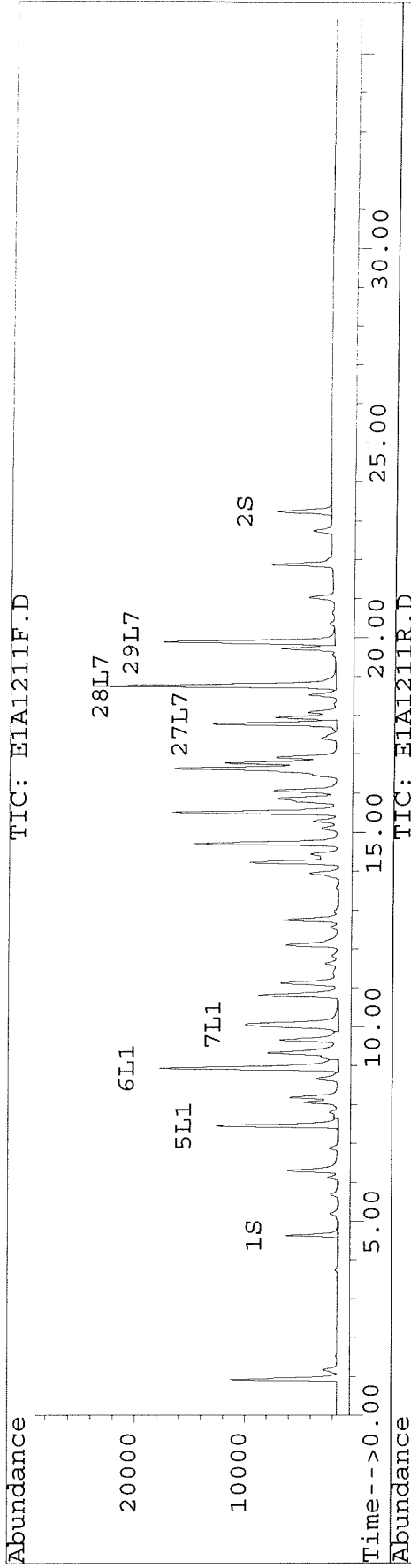
511

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1211F.D Vial: 28
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1211R.D
Acq On : 30 Jul 97 12:08 PM Operator: JS
Sample : ar1660c,ar1660c,ar1660.sub Inst : E1
Misc : 1,3,,3 Multiplr: 1.00
Quant Time: Jul 31 14:40 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 14:58:29 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1212F.D Vial: 29
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1212F.D\E1A1212R.D
 Acq On : 30 Jul 97 12:47 PM Operator: JS
 Sample : ar1660b,ar1660b,,ar1660.sub Inst : E1
 Misc : 1,2,,3 Multiplr: 1.00
 Quant Time: Jul 31 14:41 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 14:58:29 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.63	7.22	1846	1840	8.082	8.714
			Recovery	=	20.21%	21.79%
2) S Decachlorobiphenyl	23.24	33.21	2442	1117	10.093	9.822
			Recovery	=	25.23%	24.56%
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.	N.D.
5) L1 Aroclor-1016	7.46	11.23	5441	5220	173.199	176.544
6) L1 Aroclor-1016 {2}	8.94	12.60	7203	5923	158.848	160.149
7) L1 Aroclor-1016 {3}	10.06	13.21	4147	2853	171.744	164.465
Total Aroclor-1016			16791	13996	503.791	501.159
Average Aroclor-1016					167.930	167.053
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.
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1212F.D Vial: 29
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1212F.D\E1A1212R.D
 Acq On : 30 Jul 97 12:47 PM Operator: JS
 Sample : ar1660b,ar1660b,,ar1660.sub Inst : E1
 Misc : 1,2,,3 Multiplr: 1.00
 Quant Time: Jul 31 14:41 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 14:58:29 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	17.78	22.56	5358	4107	125.113	108.844
28) L7 Aroclor-1260 {2}	18.76	23.09	10331	9802	165.430	230.866 #
29) L7 Aroclor-1260 {3}	19.89	25.21	7228	3912	161.771	156.923
Total Aroclor-1260			22916	17822	452.314	496.633
Average Aroclor-1260					150.771	165.544

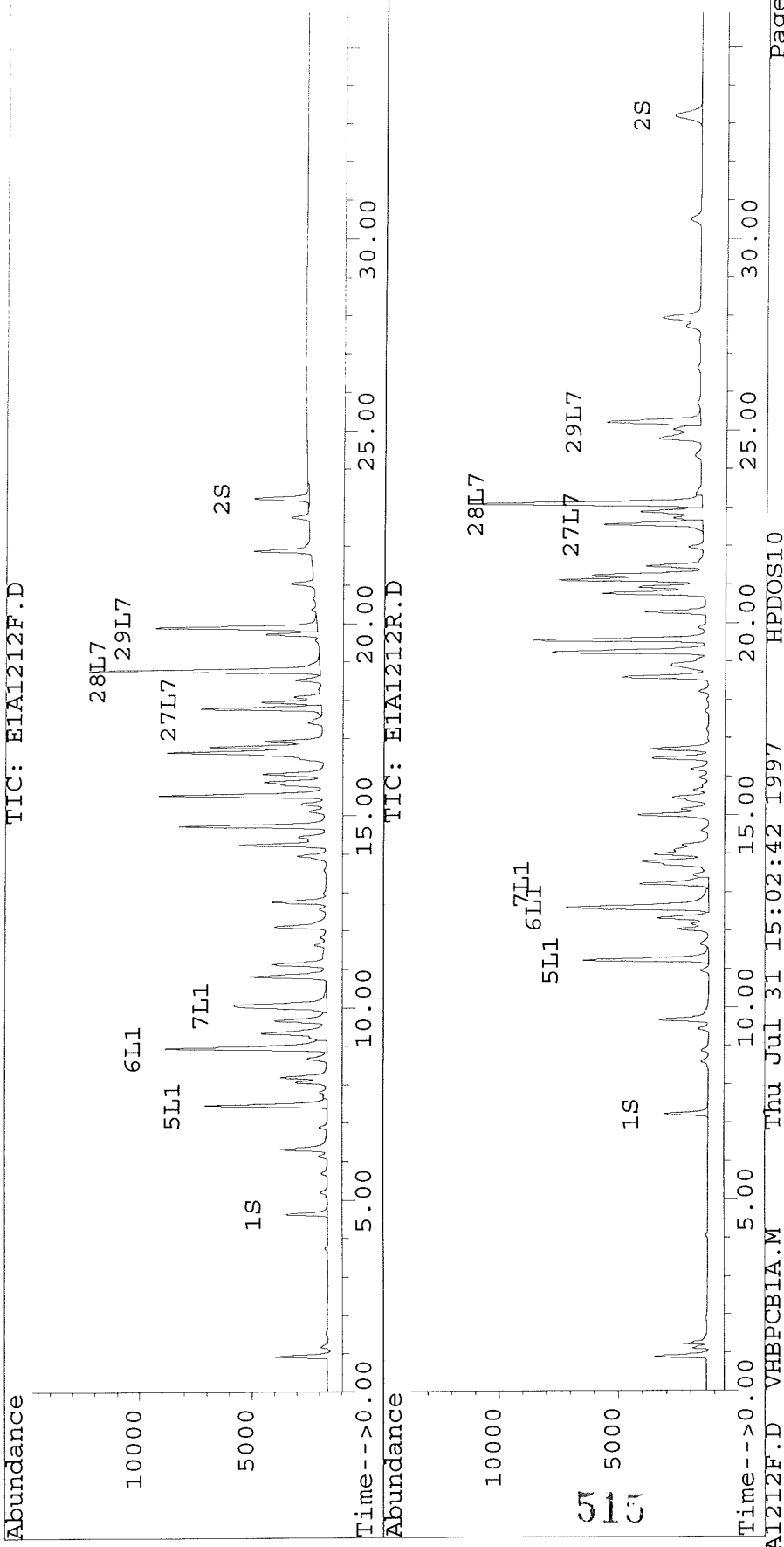
514

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1212F.D Vial: 29
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1212R.D
Acq On : 30 Jul 97 12:47 PM Operator: JS
Sample : ar1660b,ar1660b,,ar1660.sub Inst : E1
Misc : 1,2,,3 Multiplr: 1.00
Quant Time: Jul 31 14:41 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 14:58:29 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1213F.D Vial: 30
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1213F.D\E1A1213R.D
 Acq On : 30 Jul 97 01:27 PM Operator: JS
 Sample : ar1660a,ar1660a,,ar1660.sub Inst : E1
 Misc : 1,1,,3 Multiplr: 1.00
 Quant Time: Jul 31 14:41 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 14:58:29 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.64	7.22	401	357	1.757	1.691
			Recovery	=	4.39%	4.23%
2) S Decachlorobiphenyl	23.25	33.23f	499	235	2.062m	2.065m
			Recovery	=	5.16%	5.16%
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.	N.D.
5) L1 Aroclor-1016	7.46	11.24	1146	1108	36.475	37.473
6) L1 Aroclor-1016 {2}	8.95	12.61	1208	1104	26.636	29.853
7) L1 Aroclor-1016 {3}	10.07	13.22	840	539	34.784	31.096
Total Aroclor-1016			3194	2751	97.895	98.422
Average Aroclor-1016					32.632	32.807
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.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.	N.D.
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

516

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1213F.D Vial: 30
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1213F.D\E1A1213R.D
 Acq On : 30 Jul 97 01:27 PM Operator: JS
 Sample : ar1660a,ar1660a,,ar1660.sub Inst : E1
 Misc : 1,1,,3 Multiplr: 1.00
 Quant Time: Jul 31 14:41 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 14:58:29 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	17.79	22.57	1031	806	24.067	21.358m
28) L7 Aroclor-1260 {2}	18.77	23.10	1911	1845	30.598	43.456m#
29) L7 Aroclor-1260 {3}	19.90	25.22	1314	735	29.406	29.481m
Total Aroclor-1260			4255	3386	84.072	94.295
Average Aroclor-1260					28.024	31.432

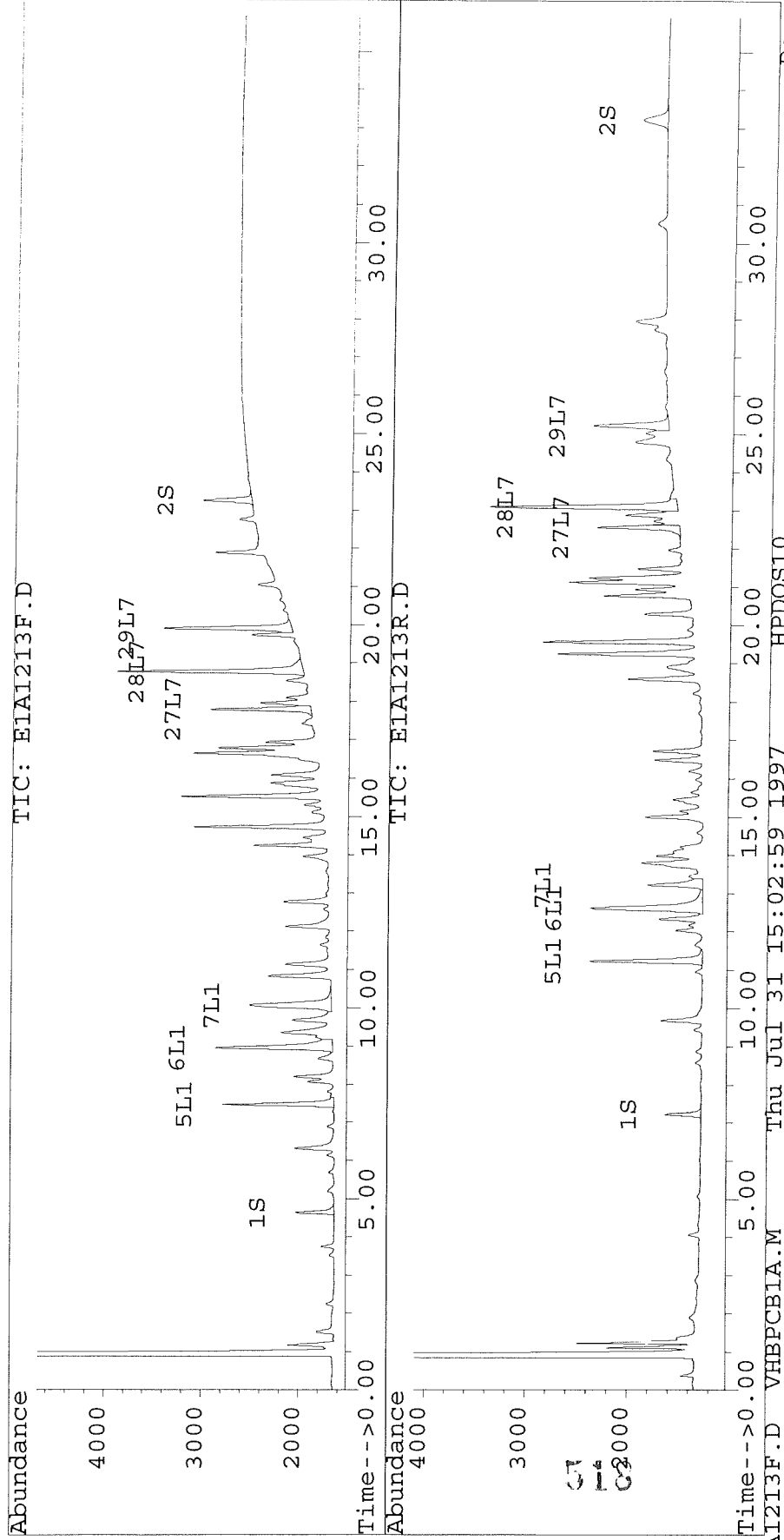
517

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1213F.D Vial: 30
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1213R.D
Acq On : 30 Jul 97 01:27 PM Operator: JS
Sample : ar1660a,ar1660a,,ar1660.sub Inst : E1
Misc : 1,1,,3 Multiplr: 1.00
Quant Time: Jul 31 14:41 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 14:58:29 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1214F.D Vial: 36
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1214F.D\E1A1214R.D
 Acq On : 30 Jul 97 02:06 PM Operator: JS
 Sample : D1166-01,DV-EBS74-072897,P0729-B3 Inst : E1
 Misc : 0,,,1,,5000,,,,,29-JUL-1997,28-JUL-1997 Multiplr: 1.00
 Quant Time: Jul 31 14:44 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 14:58:29 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.63	7.22	3791	3381	16.594	16.011
			Recovery	=	41.49%	40.03%
2) S Decachlorobiphenyl	23.25	33.23	4173	1912	17.148	16.862
			Recovery	=	42.87%	42.16%
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	7.47	11.26	18	49	0.572	1.659 #
6) L1 Aroclor-1016 {2}	0.00	12.60	0	54	N.D.	1.454 #
7) L1 Aroclor-1016 {3}	10.07	0.00	38	0	1.560	N.D. #
Total Aroclor-1016			56	103	2.132	3.112
Average Aroclor-1016					1.066	1.556
8) L2 Aroclor-1221	0.00	6.19	0	45	N.D.	6.351 #
9) L2 Aroclor-1221 {2}	5.56f	0.00	43	0	6.270	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			43	45	6.270	6.351
Average Aroclor-1221					6.270	6.351
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	7.47f	11.26f	18	49	0.492	1.412 #
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	9.42	0.00	11669	0	546.950	N.D. #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	0.00	13.87	0	111	N.D.	5.716 #
Total Aroclor-1242			11687	160	547.443	7.128
Average Aroclor-1242					273.721	3.564
19) L5 Aroclor-1248	10.87	0.00	58	0	2.169	N.D. #

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1214F.D Vial: 36
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1214F.D\E1A1214R.D
 Acq On : 30 Jul 97 02:06 PM Operator: JS
 Sample : D1166-01,DV-EBS74-072897,P0729-B3 Inst : E1
 Misc : 0,,,1,,5000,,,,,29-JUL-1997,28-JUL-1997 Multiplr: 1.00
 Quant Time: Jul 31 14:44 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 14:58:29 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
21) L5 Aroclor-1248 {3}	12.28	16.33f	32	41	1.144	1.641 #
Total Aroclor-1248			90	41	3.313	1.641
Average Aroclor-1248					1.657	1.641
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	18.73	0	48	N.D.	0.618 #
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
25) L6 Aroclor-1254 (4)	0.00	19.61f	0	16	N.D.	0.479 #
26) L6 Aroclor-1254 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	63	N.D.	1.097
Average Aroclor-1254					0.000	0.549
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
29) 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

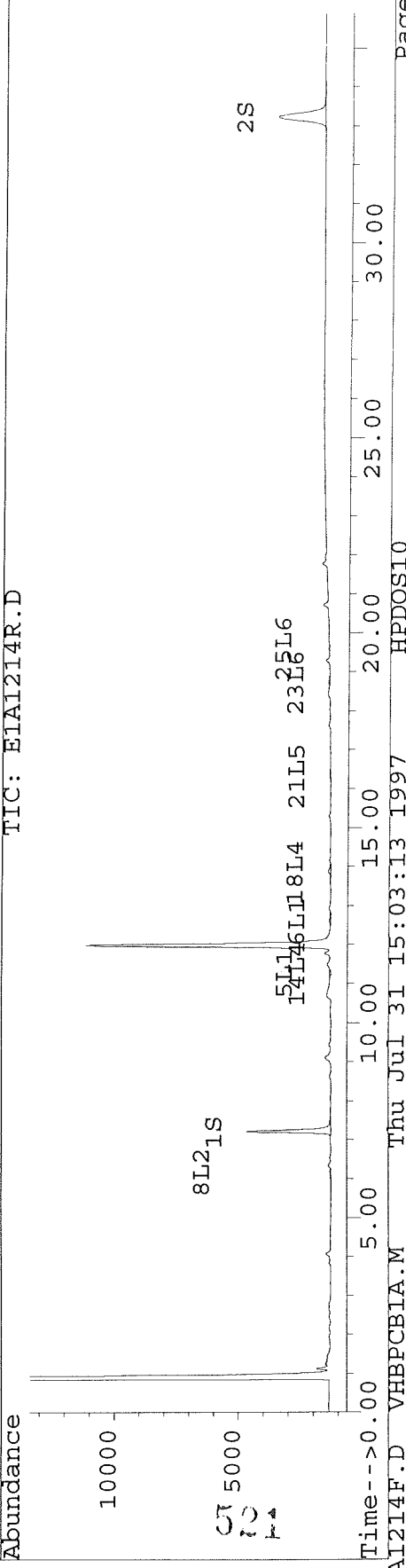
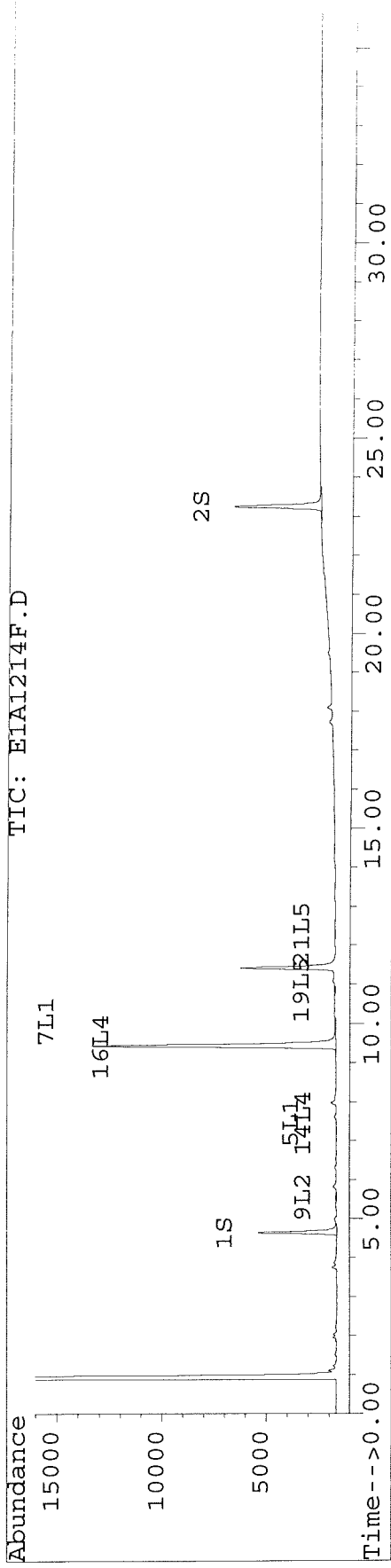
520

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1214F.D Vial: 36
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1214R.D
Acq On : 30 Jul 97 02:06 PM
Sample : D1166-01,DV-EBS74-072897,P0729-B3
Misc : 0,,1,,5000,,29-JUL-1997,28-JUL-1997
Quant Time: Jul 31 14:44 1997
Operator: JS
Inst : E1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 14:58:29 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1215F.D Vial: 31
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1215F.D\E1A1215R.D
 Acq On : 30 Jul 97 02:46 PM Operator: JS
 Sample : pcbcog4,pcbcoq4 Inst : E1
 Misc : 1,5,,3 Multiplr: 1.00
 Quant Time: Jul 31 11:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 14:58:29 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.63f	7.22f	13685	11419	59.900m	54.077m
			Recovery	=	149.75%	135.19%
2) S Decachlorobiphenyl	23.26f	33.26f	11583	4840	47.870m	42.542m
			Recovery	=	119.68%	106.36%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.94	12.63	415368	394943	19708.904	21079.83
4) M 2,2',3,3',4,4'-Hexa	17.79	22.72	771458	696455	21647.122	21069.31
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1215F.D Vial: 31
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1215F.D\E1A1215R.D
 Acq On : 30 Jul 97 02:46 PM Operator: JS
 Sample : pcbcog4,pcbcoq4 Inst : E1
 Misc : 1,5,,3 Multiplr: 1.00
 Quant Time: Jul 31 11:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 14:58:29 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

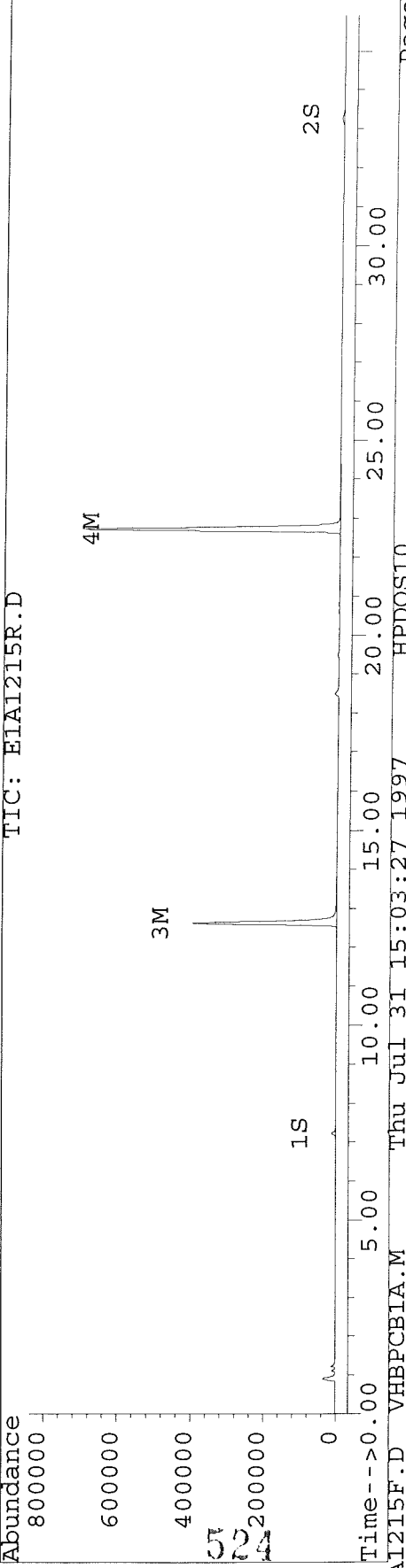
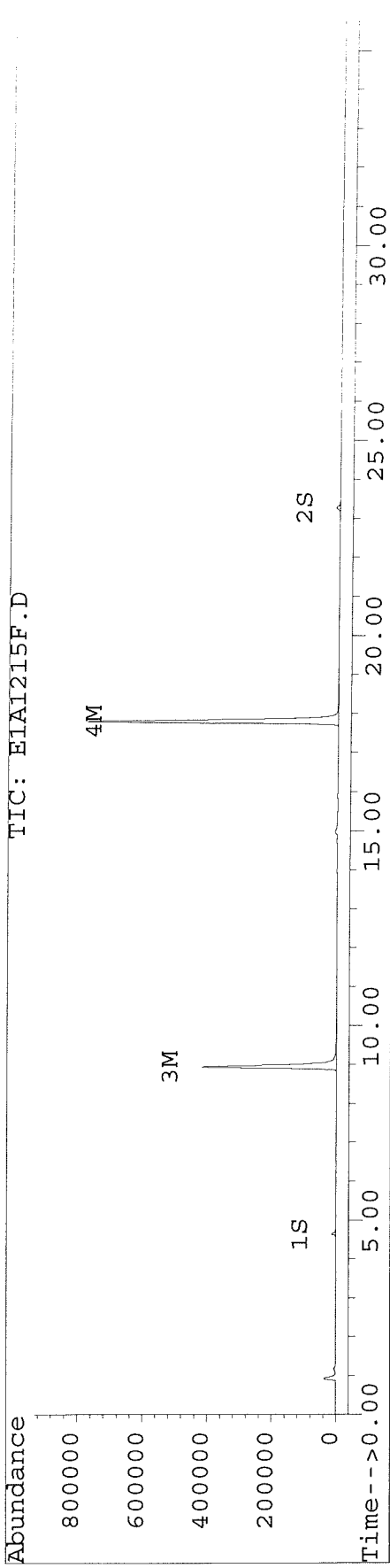
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1215F.D Vial: 31
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1215R.D
Acq On : 30 Jul 97 02:46 PM
Sample : pcbcog4,pcbco4
Misc : 1,5,,3
Quant Time: Jul 31 11:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 14:58:29 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1215F.D Vial: 31
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1215F.D\E1A1215R.D
 Acq On : 30 Jul 97 02:46 PM Operator: JS
 Sample : pcbcog4,pcbco4 Inst : E1
 Misc : 1,5,,3 Multiplr: 1.00
 Quant Time: Jul 31 11:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.63f	7.22f	13685	11419	59.900m	54.077m
			Recovery	=	149.75%	135.19%
2) S Decachlorobiphenyl	23.26f	33.26f	11583	4840	47.870m	42.542m
			Recovery	=	119.68%	106.36%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.94	12.63	415368	394943	19708.904	21079.83
4) M 2,2',3,3',4,4'-Hexa	17.79	22.72	771458	696455	21647.122	21069.31
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1215F.D Vial: 31
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1215F.D\E1A1215R.D
 Acq On : 30 Jul 97 02:46 PM Operator: JS
 Sample : pcbcog4,pcbcoq4 Inst : E1
 Misc : 1,5,,3 Multiplr: 1.00
 Quant Time: Jul 31 11:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

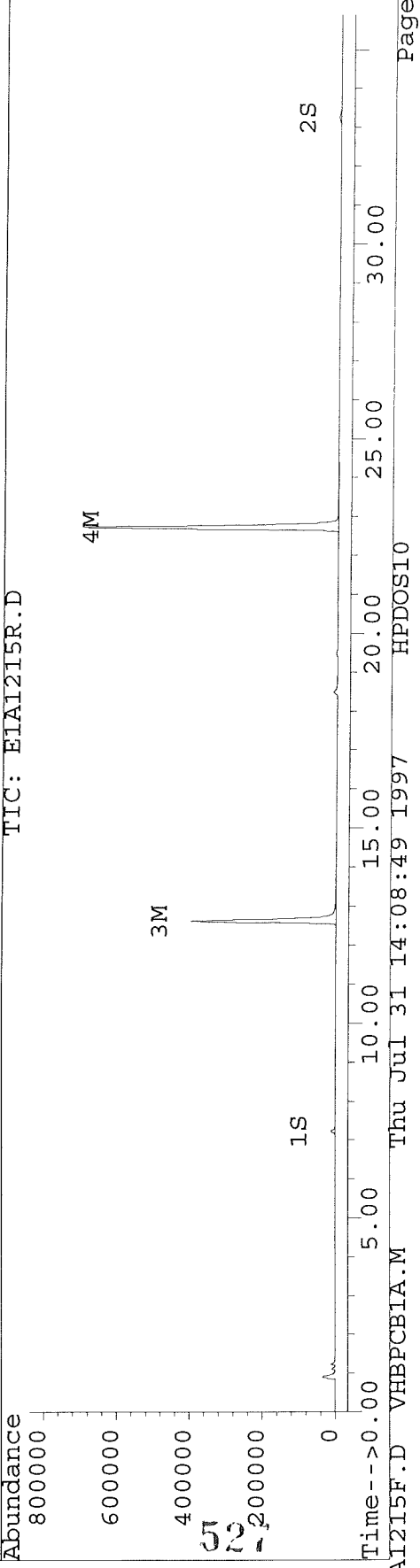
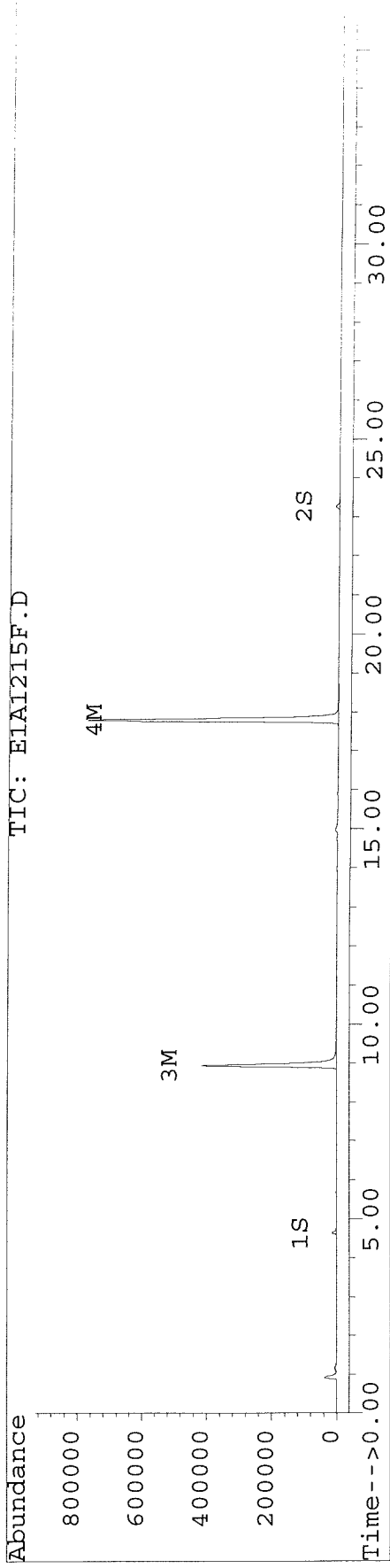
526

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1215F.D Vial: 31
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1215R.D
Acq On : 30 Jul 97 02:46 PM Operator: JS
Sample : pcbcog4,pcbcoq4 Inst : E1
Misc : 1,5,,3 Multiplr: 1.00
Quant Time: Jul 31 11:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1216F.D Vial: 32
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1216F.D\E1A1216R.D
 Acq On : 30 Jul 97 03:25 PM Operator: JS
 Sample : pcbcog3,pcbco3 Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 31 11:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.64f	7.23f	5634	5162	24.660m	24.446m
			Recovery	=	61.65%	61.12%
2) S Decachlorobiphenyl	23.28f	33.30f	5834	2885	24.111m	25.358m
			Recovery	=	60.28%	63.40%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.95	12.64	219431	211512	10411.869	11289.31
4) M 2,2',3,3',4,4'-Hexa	17.80	22.74	431683	385302	12113.025	11656.26
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

528

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1216F.D Vial: 32
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1216F.D\E1A1216R.D
 Acq On : 30 Jul 97 03:25 PM Operator: JS
 Sample : pcbcog3,pcbco3 Inst : E1
 Misc : 1,4,,3 Multiplr: 1.00
 Quant Time: Jul 31 11:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

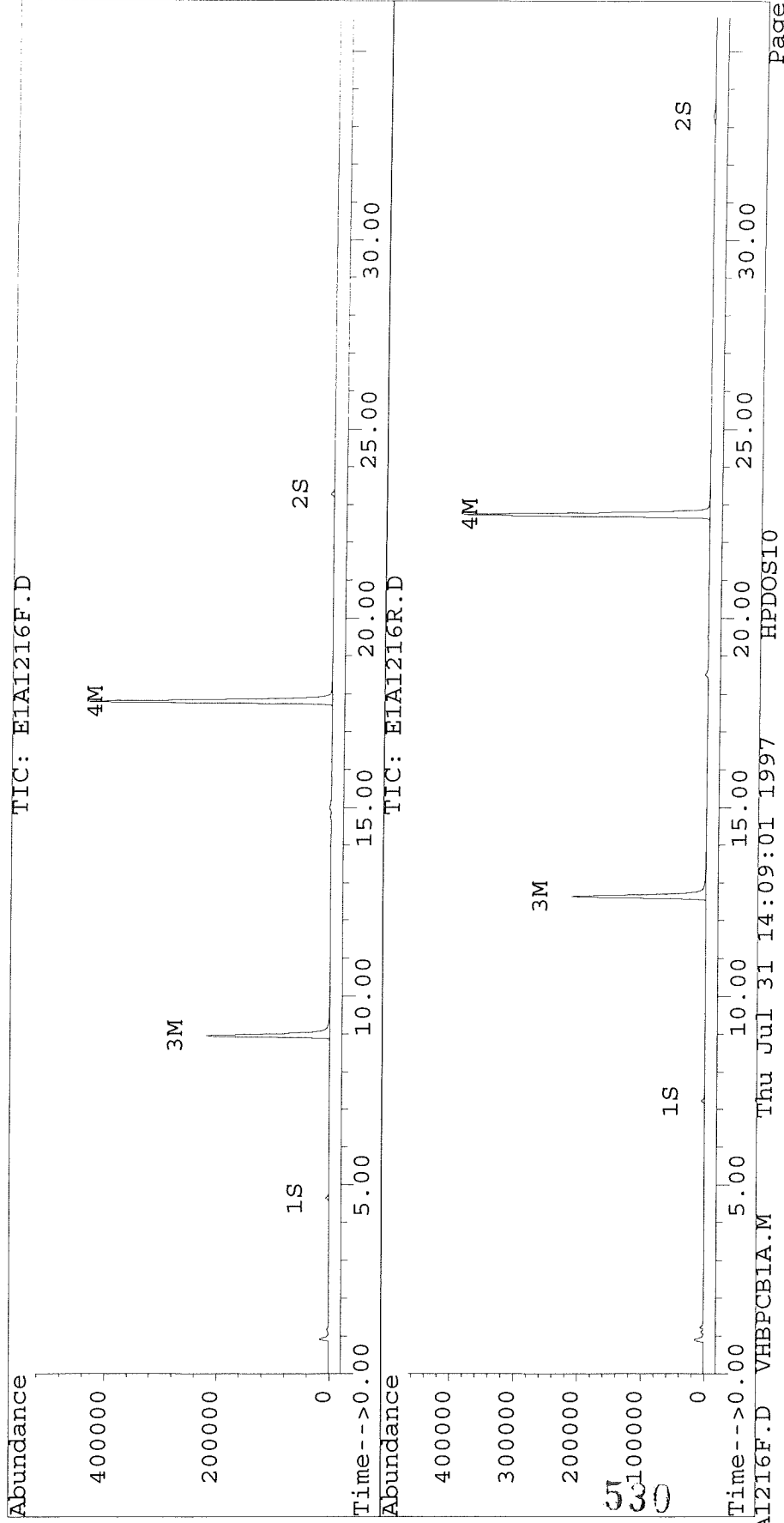
529

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1216F.D Vial: 32
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1216R.D
Acq On : 30 Jul 97 03:25 PM Operator: JS
Sample : pcbcog3,pcbco3g3 Inst : E1
Misc : 1,4,,3 Multiplr: 1.00
Quant Time: Jul 31 11:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1217F.D Vial: 33
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1217F.D\E1A1217R.D
 Acq On : 30 Jul 97 04:05 PM Operator: JS
 Sample : pcbcog2,pcbco2 Inst : E1
 Misc : 1,3,,3 Multiplr: 1.00
 Quant Time: Jul 31 11:55 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
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System Monitoring Compounds

1) S	Tetrachloro-m-xylen	4.64f	7.23f	2021	1902	8.846m	9.010m
				Recovery	=	22.12%	22.53%
2) S	Decachlorobiphenyl	23.27f	33.30f	2369	1104	9.793m	9.702m
				Recovery	=	24.48%	24.26%

Target Compounds

3) M	2,4,4'-Trichlorobip	8.95	12.64	94725	94588	4494.654	5048.575
4) M	2,2',3,3',4,4'-Hexa	17.79	22.73	192492	172476	5401.323	5217.784
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
17) L4	Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4	Aroclor-1242 (5)	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
19) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

531

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1217F.D Vial: 33
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1217F.D\E1A1217R.D
 Acq On : 30 Jul 97 04:05 PM Operator: JS
 Sample : pcbcog2,pcbco2 Inst : E1
 Misc : 1,3,,3 Multiplr: 1.00
 Quant Time: Jul 31 11:55 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

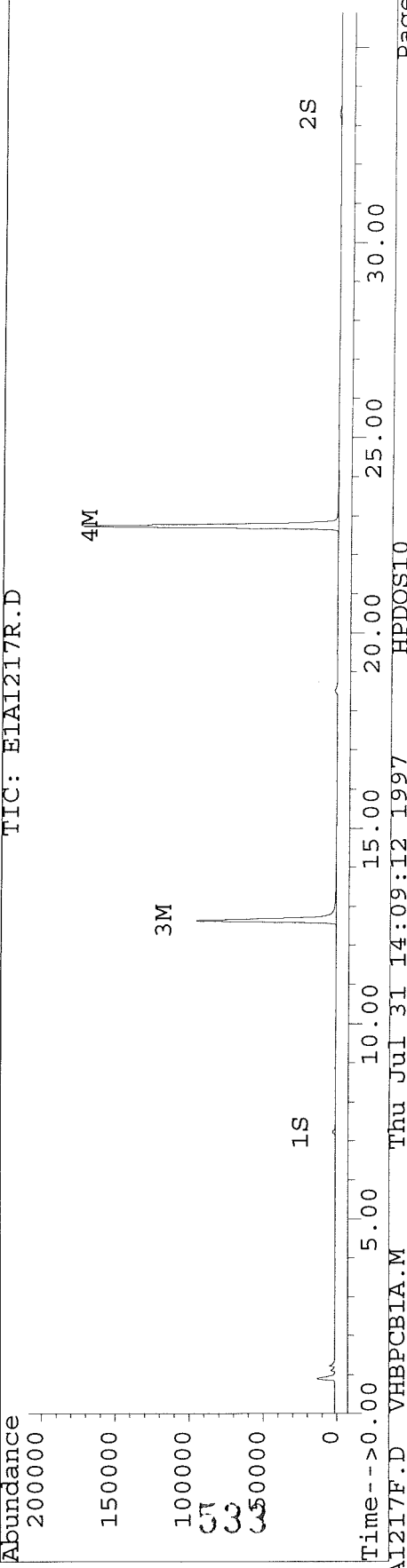
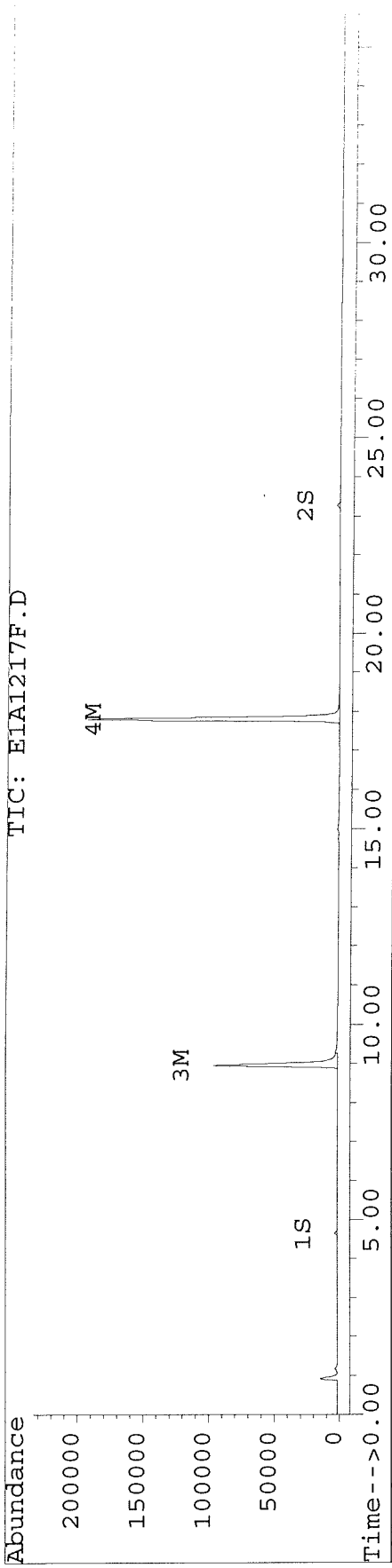
532

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1217F.D Vial: 33
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1217R.D
Acq On : 30 Jul 97 04:05 PM
Sample : pcbcog2,pcbco2
Misc : 1,3,,3
Quant Time: Jul 31 11:55 1997
Operator: JS
Inst : EI
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL, RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1218F.D Vial: 34
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1218F.D\E1A1218R.D
 Acq On : 30 Jul 97 04:50 PM Operator: JS
 Sample : pcbcog1,pcbcoGb1 Inst : E1
 Misc : 1,2,,3 Multiplr: 1.00
 Quant Time: Jul 31 11:55 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.65	7.23f	1025	956	4.488m	4.528m
			Recovery	=	11.22%	11.32%
2) S Decachlorobiphenyl	23.28f	33.30f	1409	611	5.825m	5.371m
			Recovery	=	14.56%	13.43%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.97	12.64	49843	50649	2364.997	2703.347
4) M 2,2',3,3',4,4'-Hexa	17.81	22.74	105457	96891	2959.138	2931.168
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1218F.D Vial: 34
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1218F.D\E1A1218R.D
 Acq On : 30 Jul 97 04:50 PM Operator: JS
 Sample : pcbcog1,pcbcoqb1 Inst : E1
 Misc : 1,2,,3 Multiplr: 1.00
 Quant Time: Jul 31 11:55 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

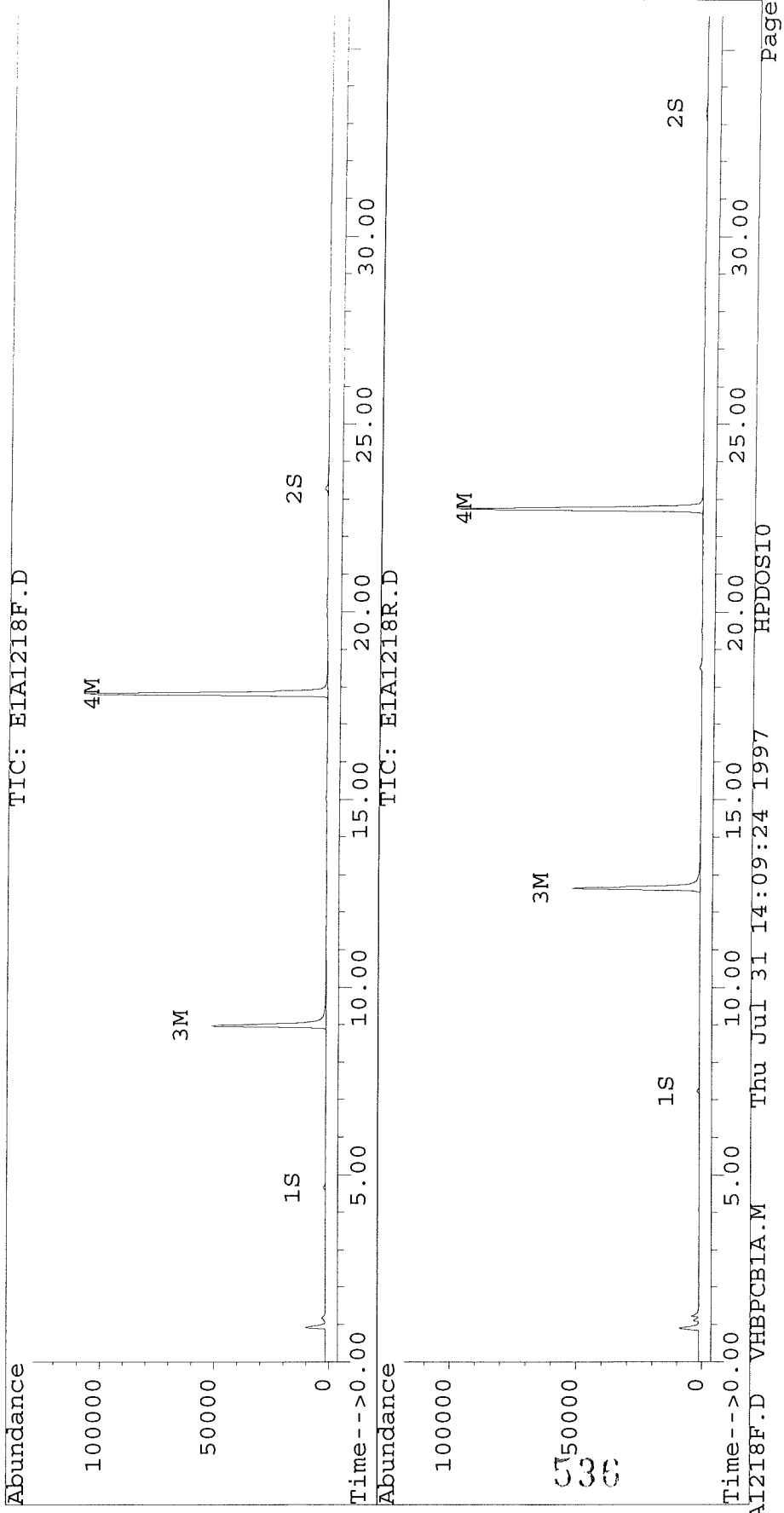
535

Quantitation report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1218F.D Vial: 34
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1218F.D
Acq On : 30 Jul 97 04:50 PM Operator: JS
Sample : pcbcog1,pcbcoqb1 Inst : E1
Misc : 1,2,,3 Multiplr: 1.00
Quant Time: Jul 31 11:55 1997

Method : C:\HPCHEM\5\METHODS\VHBPB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1219F.D Vial: 35
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1219F.D\CONFIRM.D
 Acq On : 30 Jul 97 06:07 PM Operator: JS
 Sample : pcbcog1a,pcbco1a Inst : E1
 Misc : 1,1,,3 Multiplr: 1.00
 Quant Time: Jul 31 11:56 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.65	7.23f	416	374	1.821m	1.770m
			Recovery	=	4.55%	4.43%
2) S Decachlorobiphenyl	23.29f	33.31f	561	238	2.319m	2.093m
			Recovery	=	5.80%	5.23%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.98	12.64	20200	20565	958.474	1097.640
4) M 2,2',3,3',4,4'-Hexa	17.82	22.75	44892	40831	1259.663	1235.242
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1219F.D Vial: 35
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1219F.D\CONFIRM.D
 Acq On : 30 Jul 97 06:07 PM Operator: JS
 Sample : pcbcog1a,pcbco1a Inst : E1
 Misc : 1,1,,3 Multiplr: 1.00
 Quant Time: Jul 31 11:56 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Thu Jul 31 12:12:47 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

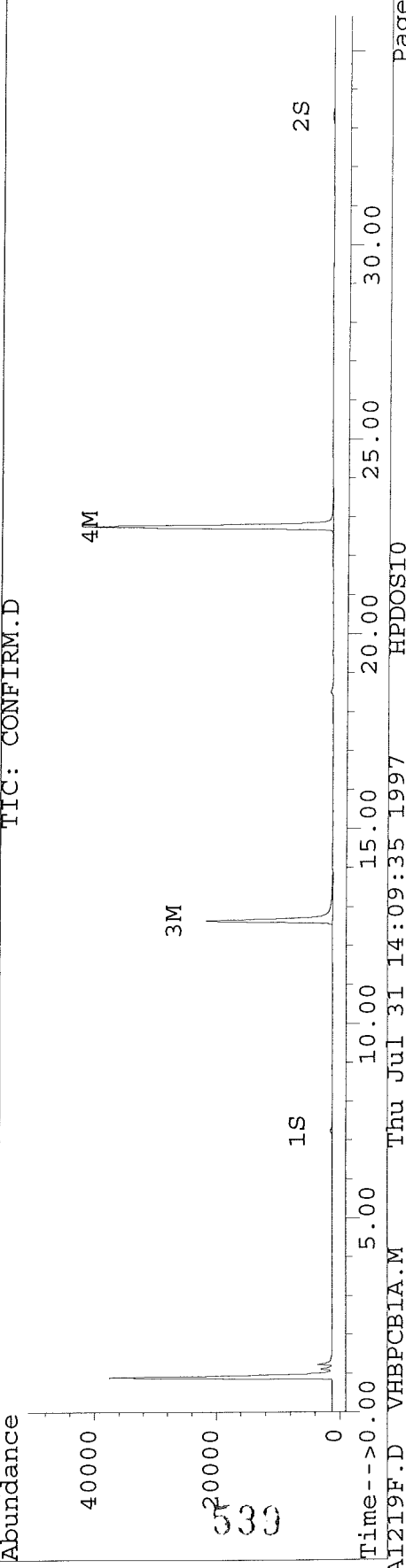
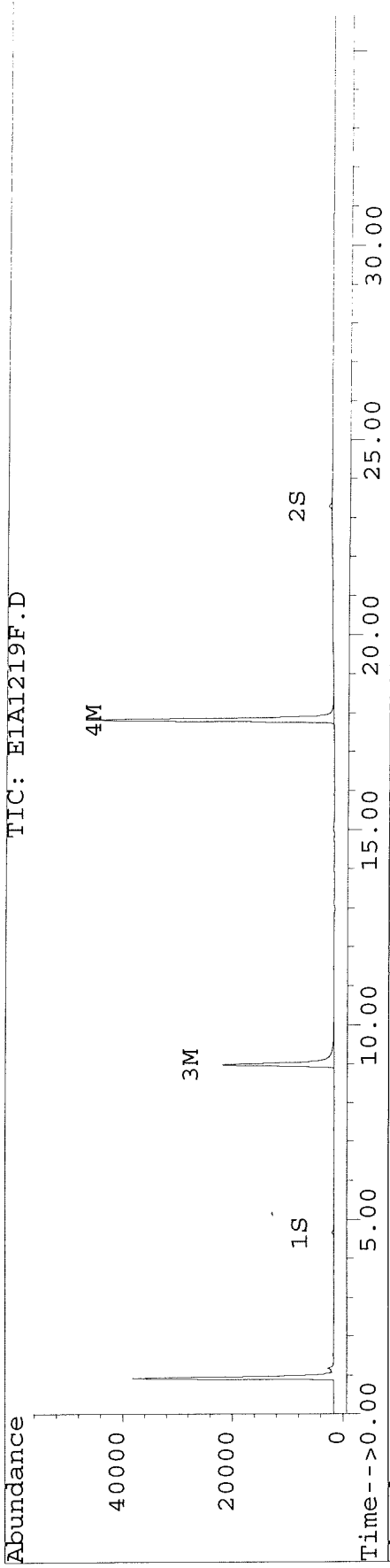
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1219F.D Vial: 35
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1219F.D\CONFIRM.D
Acq On : 30 Jul 97 06:07 PM Operator: JS
Sample : pcbcog1a,pcbco1a Inst : E1
Misc : 1,1,,3 Multiplr: 1.00
Quant Time: Jul 31 11:56 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Thu Jul 31 12:12:47 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



PCB – Continuing Calibrations

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1423F.D Vial: 8
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1423F.D\E1A1423R.D
 Acq On : 05 Aug 97 08:35 PM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	2105	1828	9.215	8.657
			Recovery	=	23.04%	21.64%
2) S Decachlorobiphenyl	22.68	31.79	1920	816	7.892	7.198m
			Recovery	=	19.73%	18.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.18	86021	85375	964.244	966.349
4) M 2,2',3,3',4,4'-Hexa	17.32	22.14	161161	149193	885.561	906.405m
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1423F.D Vial: 8
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1423F.D\E1A1423R.D
 Acq On : 05 Aug 97 08:35 PM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

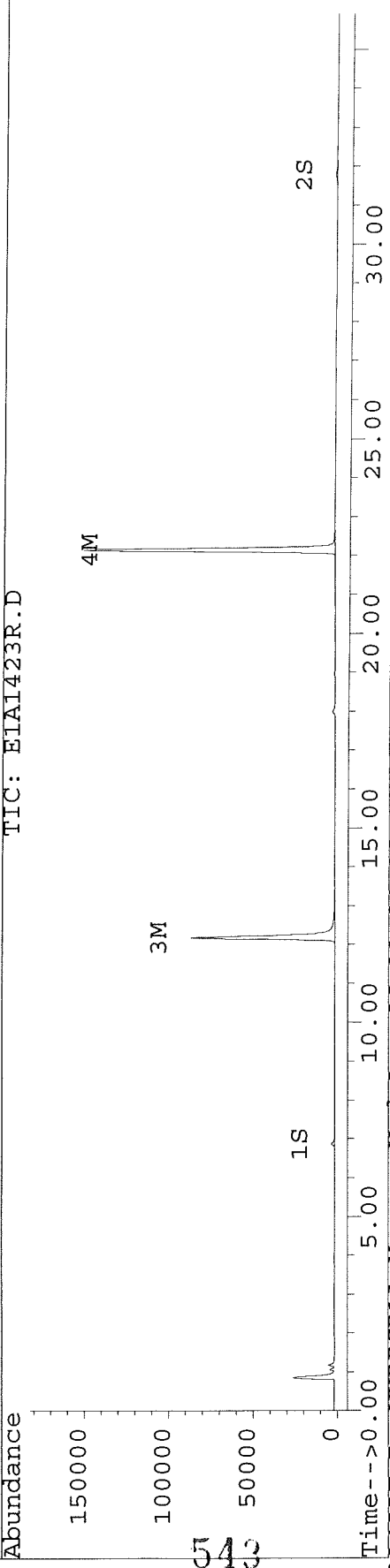
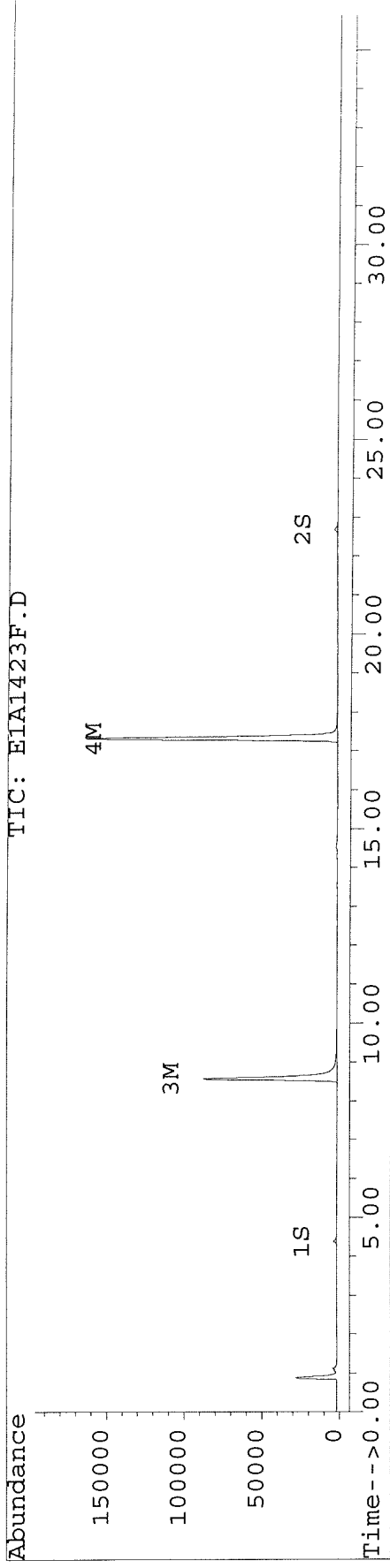
542

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1423F.D Vial: 8
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1423R.D
Acq On : 05 Aug 97 08:35 PM Operator: JS/GML
Sample : pcbcog3D,pcbocog3D,,pcbocog.spk Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 6 10:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1424F.D Vial: 9
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1424F.D\E1A1424R.D
 Acq On : 05 Aug 97 09:15 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	4203	3722	18.397	17.625
			Recovery	=	45.99%	44.06%
2) S Decachlorobiphenyl	22.68	31.79	3640	1589	14.958m	14.015m
			Recovery	=	37.40%	35.04%
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	7.12	10.81	7264	7074	198.791	203.630
15) L4 Aroclor-1242 {2}	8.58	11.89	10842	3127	203.136	205.718
16) L4 Aroclor-1242 {3}	8.97	12.17	4368	8961	204.733	208.397
17) L4 Aroclor-1242 (4)	9.29	12.77	3572	4059	203.682	200.698
18) L4 Aroclor-1242 (5)	9.68	13.35	5943	4019	210.921	207.817
Total Aroclor-1242			31989	27240	1021.262	1026.260
Average Aroclor-1242					204.252	205.252
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

544

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1424F.D Vial: 9
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1424F.D\E1A1424R.D
 Acq On : 05 Aug 97 09:15 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

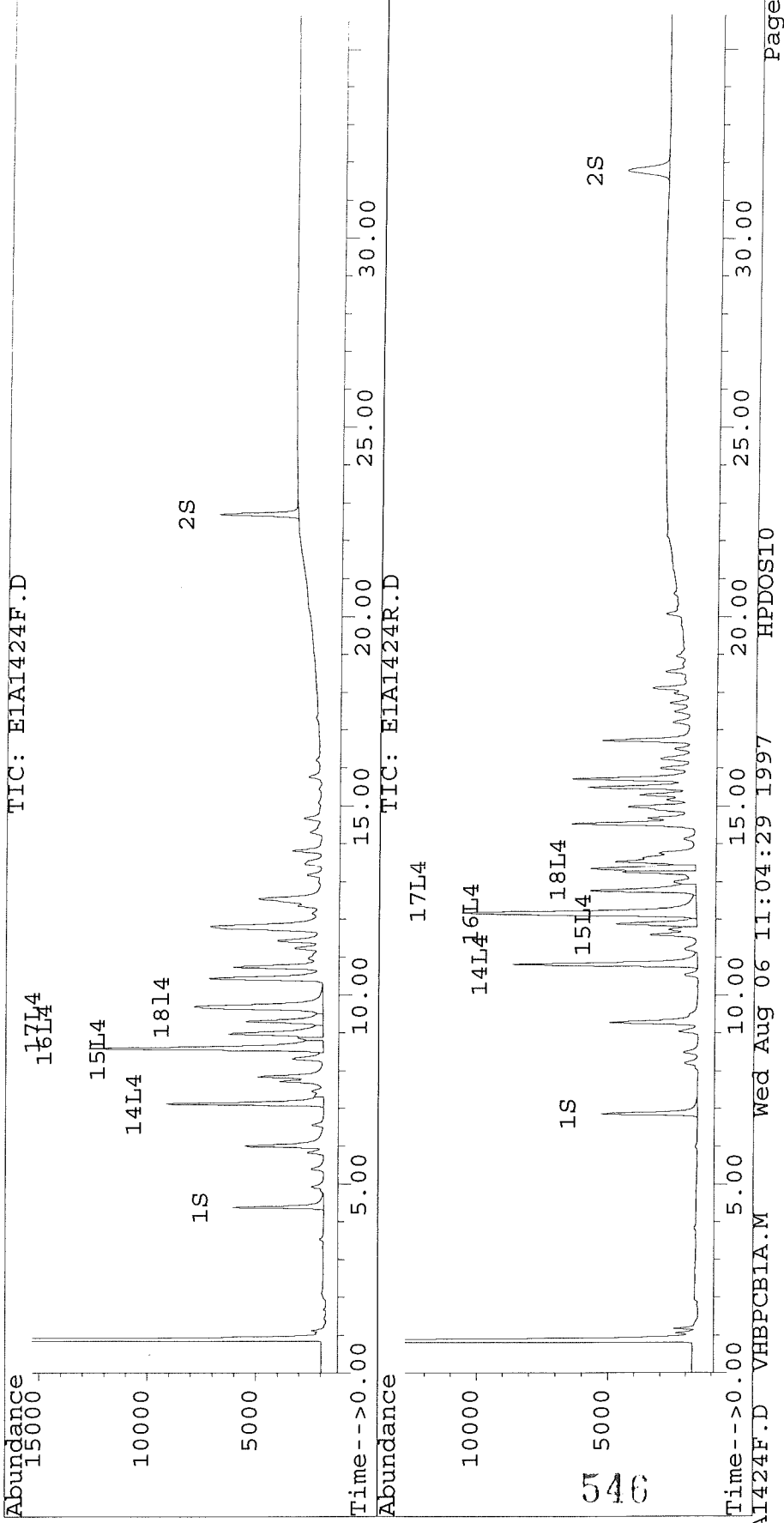
545

Quantitation report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1424F.D Vial: 9
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1424R.D
Acq On : 05 Aug 97 09:15 PM Operator: JS/GML
Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 6 10:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1425F.D Vial: 10
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1425F.D\E1A1425R.D
 Acq On : 05 Aug 97 09:54 PM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.86	4303	3831	18.833	18.143
			Recovery	=	47.08%	45.36%
2) S Decachlorobiphenyl	22.68	31.79	3889	1684	15.982	14.856m
			Recovery	=	39.96%	37.14%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	10.42	14.98	8847	4669	329.303	309.913

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1425F.D Vial: 10
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1425F.D\E1A1425R.D
 Acq On : 05 Aug 97 09:54 PM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	7155	7725	320.201	323.872
21) L5 Aroclor-1248 {3}	11.80	15.71	9708	7843	344.957	315.004
Total Aroclor-1248			25710	20237	994.461	948.789
Average Aroclor-1248					331.487	316.263
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

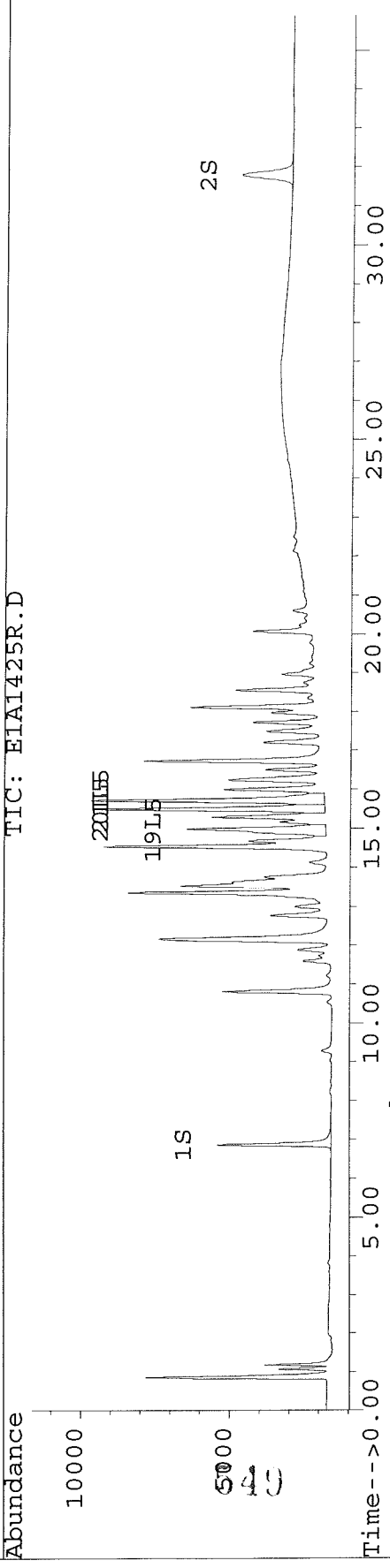
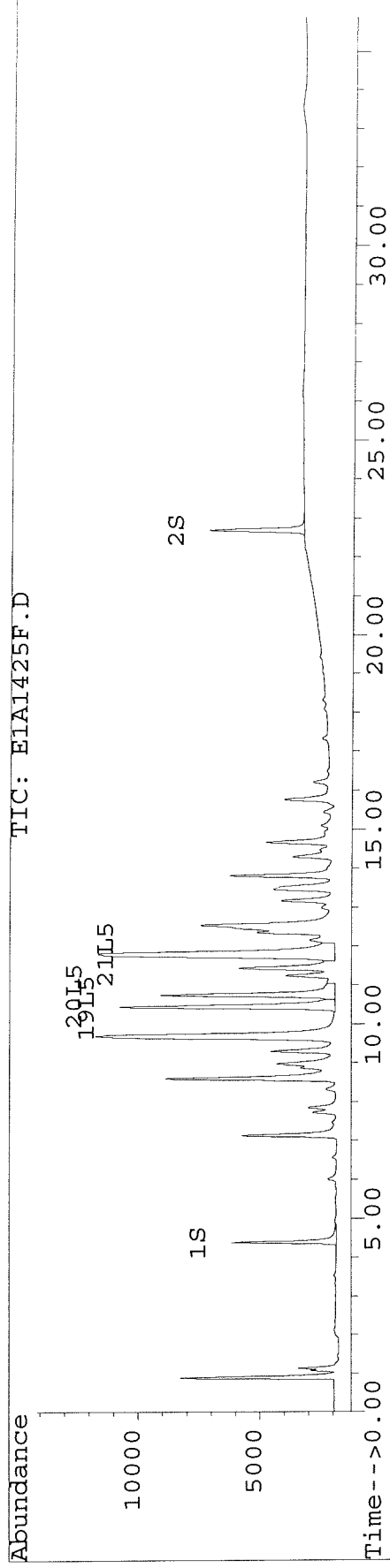
548

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1425F.D Vial: 10
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1425R.D
Acq On : 05 Aug 97 09:54 PM Operator: JS/GML
Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 6 10:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1426F.D Vial: 11
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1426F.D\E1A1426R.D
 Acq On : 05 Aug 97 10:34 PM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 11:35 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.87	4144	3857	18.140	18.265
			Recovery	=	45.35%	45.66%
2) S Decachlorobiphenyl	22.68	31.80	3966	1718	16.297	15.151
			Recovery	=	40.74%	37.88%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1426F.D Vial: 11
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1426F.D\E1A1426R.D
 Acq On : 05 Aug 97 10:34 PM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 11:35 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	13.45	17.72	6645	6329	185.940	179.974
23) L6 Aroclor-1254 {2}	13.80	18.11	13986	14005	184.875	181.730
24) L6 Aroclor-1254 {3}	14.29	18.54	6818	8715	187.118	182.156
25) L6 Aroclor-1254 (4)	14.66	19.06	8769	5872	192.153	178.990
26) L6 Aroclor-1254 (5)	16.20	20.61	10953	8963	181.859	172.798
Total Aroclor-1254			47172	43884	931.945	895.648
Average Aroclor-1254					186.389	179.130
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

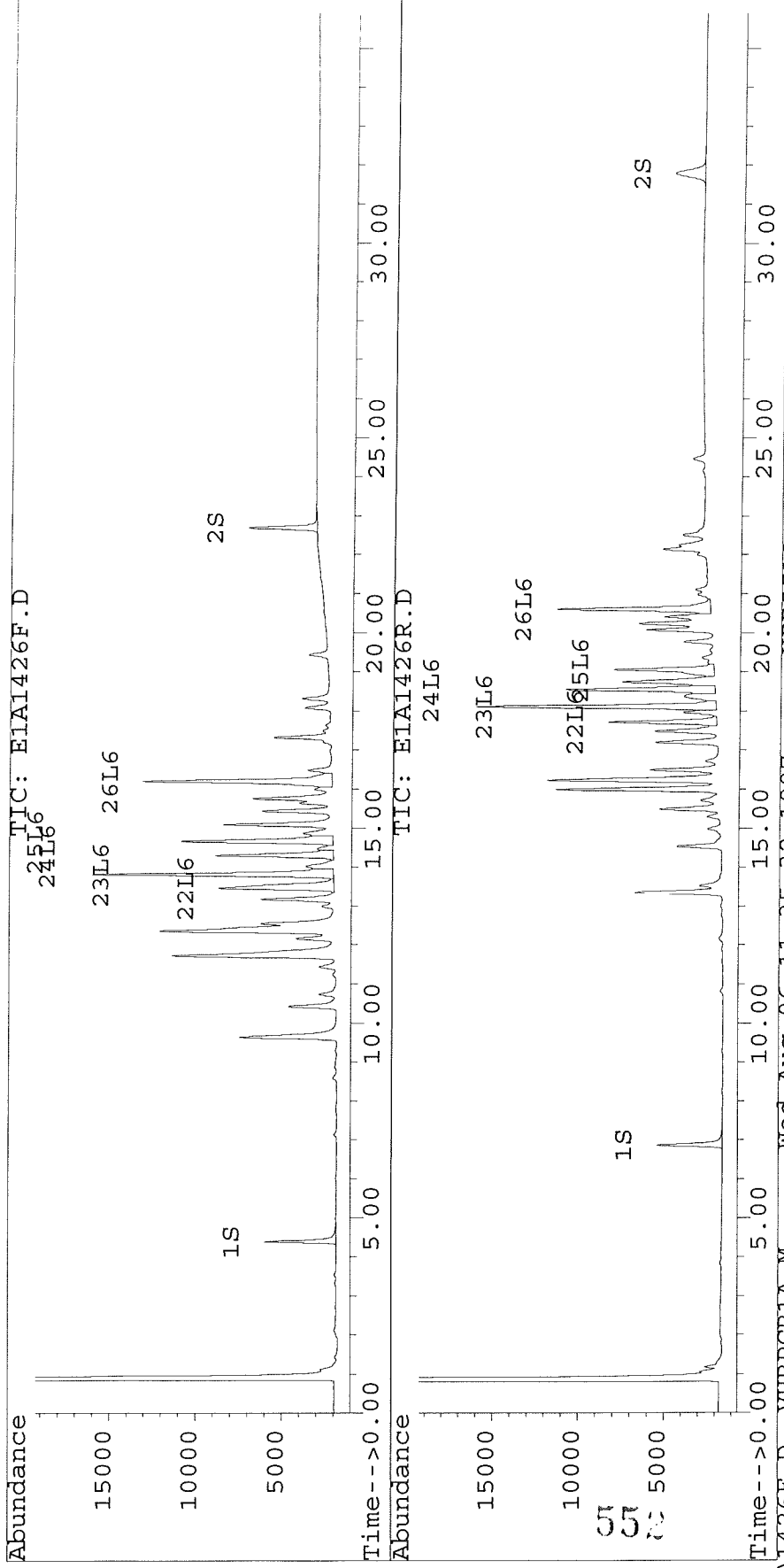
551

Quantitation report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1426F.D Vial: 11
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1426R.D
Acq On : 05 Aug 97 10:34 PM Operator: JS/GML
Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 6 11:35 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1427F.D Vial: 12
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1427F.D\E1A1427R.D
 Acq On : 05 Aug 97 11:13 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	3945	3745	17.270	17.735
			Recovery	=	43.18%	44.34%
2) S Decachlorobiphenyl	22.68	31.79	4045	1947	16.622	17.176
			Recovery	=	41.56%	42.94%
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	7.13	10.81	9697	9317	308.681	315.112
6) L1 Aroclor-1016 {2}	8.58	12.17	14831	12271	327.098	331.776
7) L1 Aroclor-1016 {3}	9.69	12.77	8028	5462	332.486	314.897
Total Aroclor-1016			32557	27050	968.264	961.785
Average Aroclor-1016					322.755	320.595
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1427F.D Vial: 12
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1427F.D\E1A1427R.D
 Acq On : 05 Aug 97 11:13 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	17.33	22.01	9766	7894	300.745	315.164
28) L7 Aroclor-1260 {2}	18.31	22.51	19661	19155	314.836	325.268
29) L7 Aroclor-1260 {3}	19.43	24.46	13495	7671	302.044	310.124
Total Aroclor-1260			42923	34719	917.625	950.556
Average Aroclor-1260					305.875	316.852

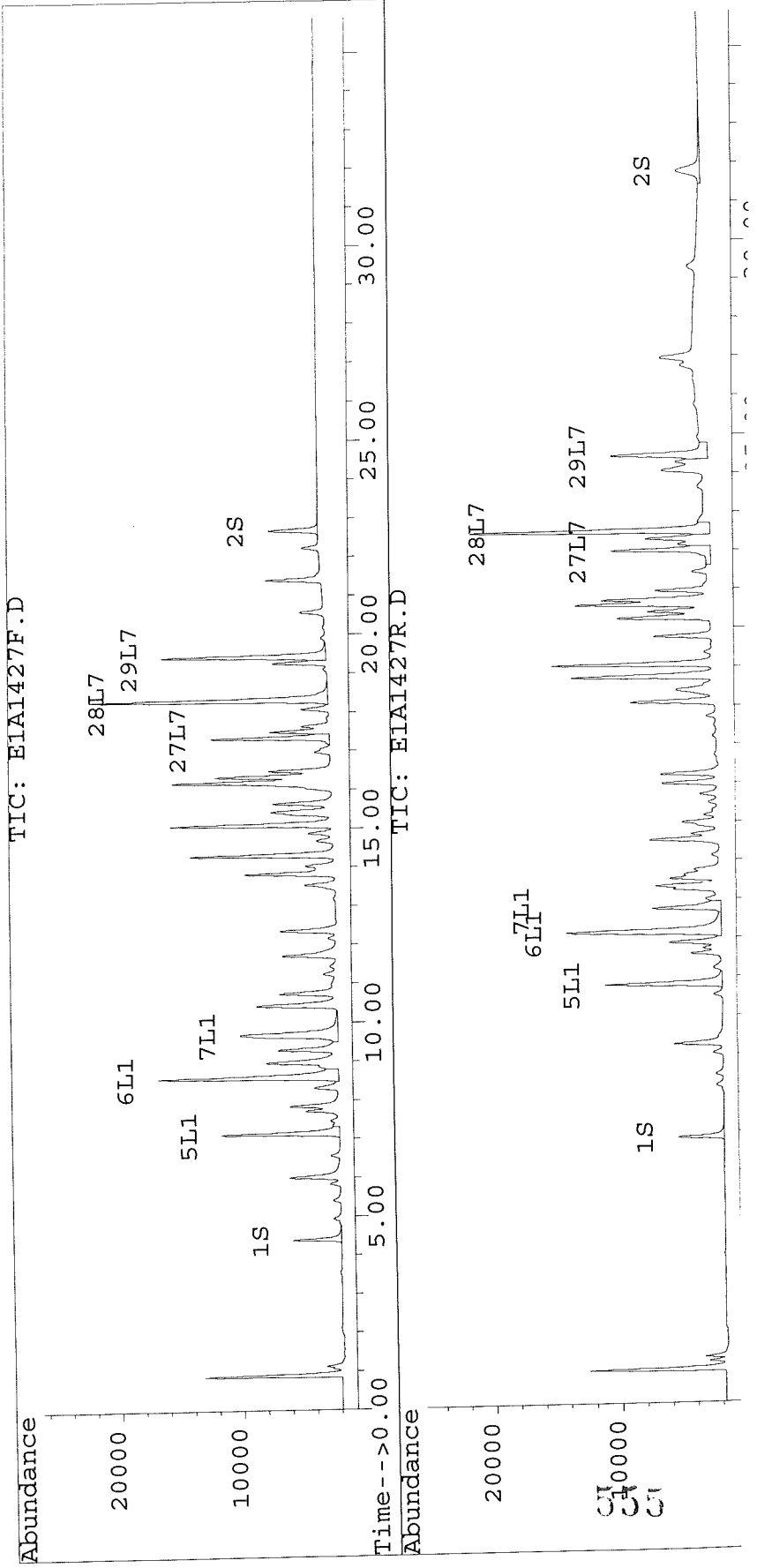
554

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1427F.D Vial: 12
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1427F.D\E1A1427R.D
Acq On : 05 Aug 97 11:13 PM Operator: JS/GML
Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 6 10:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1438F.D Vial: 23
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1438F.D\E1A1438R.D Operator: JS/GML
 Acq On: 06 Aug 97 06:28 AM Inst : E1
 Sample : pcbcog3D,pcbco3D,,pcbco3g.spk Multiplr: 1.00
 Misc : 2,,,3
 Quant Time: Aug 6 11:01 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase: DB-608
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.39	6.87	1953	1817	8.551	8.605
			Recovery	=	21.38%	21.51%
2) S Decachlorobiphenyl	22.69	31.82f	2156	973	8.860m	8.580m
			Recovery	=	22.15%	21.45%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.19	86778	85683	972.726	969.840
4) M 2,2',3,3',4,4'-Hexa	17.33	22.15	170785	158168	938.446	960.926
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.	N.D.
Total Aroclor-1016					0.000	0.000
Average Aroclor-1016						
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.	N.D.
Total Aroclor-1221					0.000	0.000
Average Aroclor-1221						
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.	N.D.
Total Aroclor-1232					0.000	0.000
Average Aroclor-1232						
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242					0.000	0.000
Average Aroclor-1242						
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

556 Kg.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1438F.D Vial: 23
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1438F.D\E1A1438R.D
 Acq On : 06 Aug 97 06:28 AM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 11:01 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

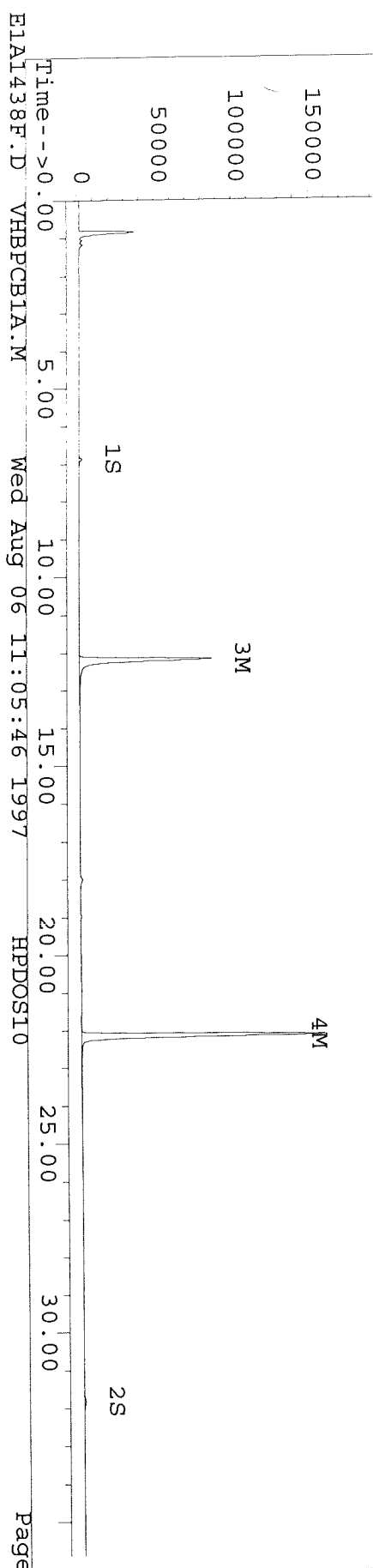
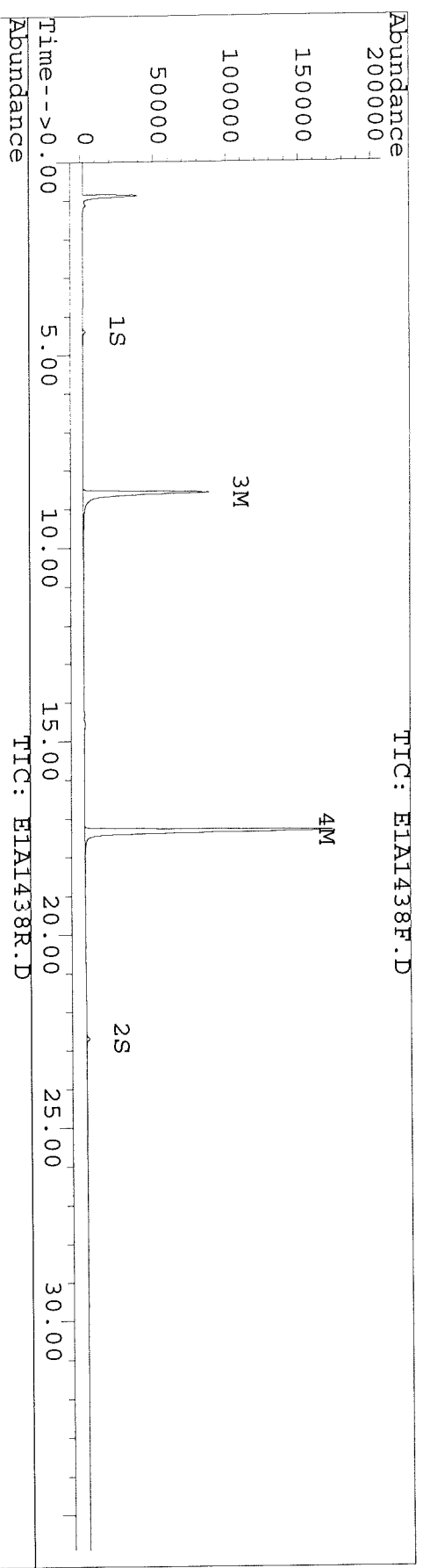
Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

557

Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1438F.D\E1A1438R.D
 Acq On : 06 Aug 97 06:28 AM Operator: JS/GML
 Sample : pcbcocg3D,pcbcocg3D,,pcbcocg.spk Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 6 11:01 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1439F.D Vial: 24
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1439F.D\E1A1439R.D
 Acq On : 06 Aug 97 07:08 AM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug .6 11:01 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	3992	3720	17.473	17.615
			Recovery	=	43.68%	44.04%
2) S Decachlorobiphenyl	22.69	31.82f	3790	1686	15.577	14.872m
			Recovery	=	38.94%	37.18%
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	7.13	10.82	7308	7147	200.005	205.723
15) L4 Aroclor-1242 {2}	8.59	11.89	10770	3196	201.800	210.226
16) L4 Aroclor-1242 {3}	8.98	12.18	4368	9076	204.726	211.061
17) L4 Aroclor-1242 (4)	9.30	12.77	3594	4119	204.941	203.678
18) L4 Aroclor-1242 (5)	9.69	13.35	6108	4113	216.757	212.654
Total Aroclor-1242			32148	27650	1028.229	1043.341
Average Aroclor-1242					205.646	208.668
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1439F.D Vial: 24
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1439F.D\E1A1439R.D
 Acq On : 06 Aug 97 07:08 AM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 11:01 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

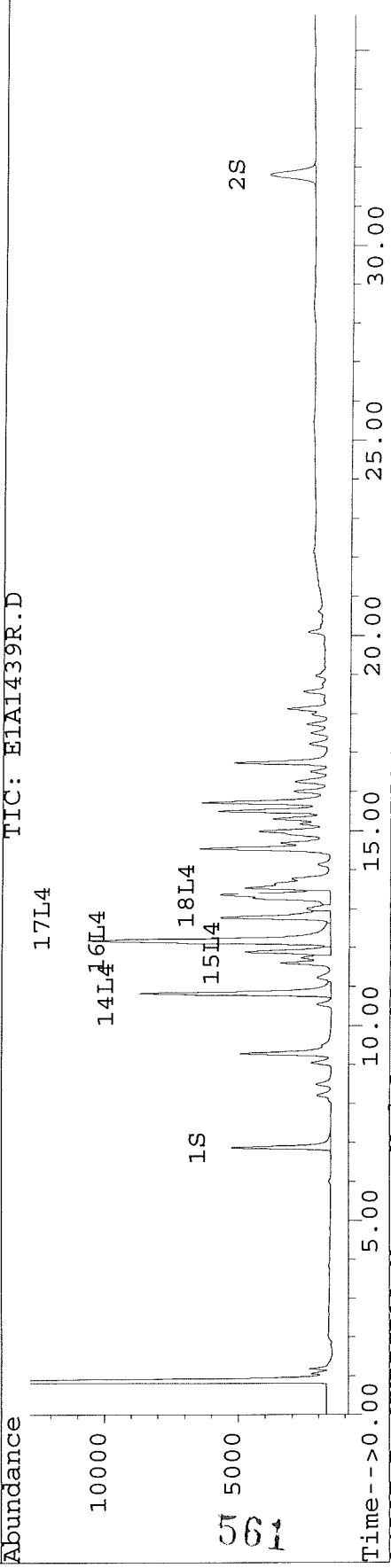
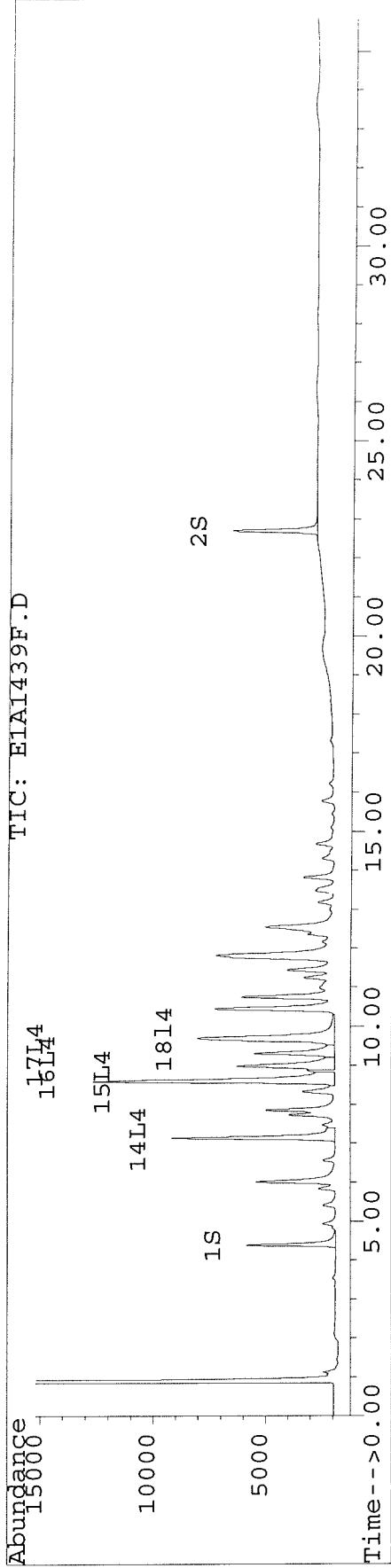
560

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1439F.D Vial: 24
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1439F.D\E1A1439R.D
 Acq On : 06 Aug 97 07:08 AM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 6 11:01 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
 Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
 Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1440F.D Vial: 25
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1440F.D\E1A1440R.D
 Acq On : 06 Aug 97 07:47 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 9:30 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
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System Monitoring Compounds

1) S	Tetrachloro-m-xylen	4.39	6.87	4415	3902	19.325	18.478
				Recovery	=	48.31%	46.20%
2) S	Decachlorobiphenyl	22.69	31.82f	4143	1805	17.024	15.923m
				Recovery	=	42.56%	39.81%

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
17) L4	Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4	Aroclor-1242 (5)	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

19) L5	Aroclor-1248	10.43	14.99	8858	4696	329.729	311.712
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1440F.D Vial: 25
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1440F.D\E1A1440R.D
 Acq On : 06 Aug 97 07:47 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 9:30 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.74	15.50	7215	7778	322.876	326.088
21) L5 Aroclor-1248 {3}	11.81	15.72	9597	7930	341.007	318.475
Total Aroclor-1248			25670	20404	993.612	956.275
Average Aroclor-1248					331.204	318.758
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

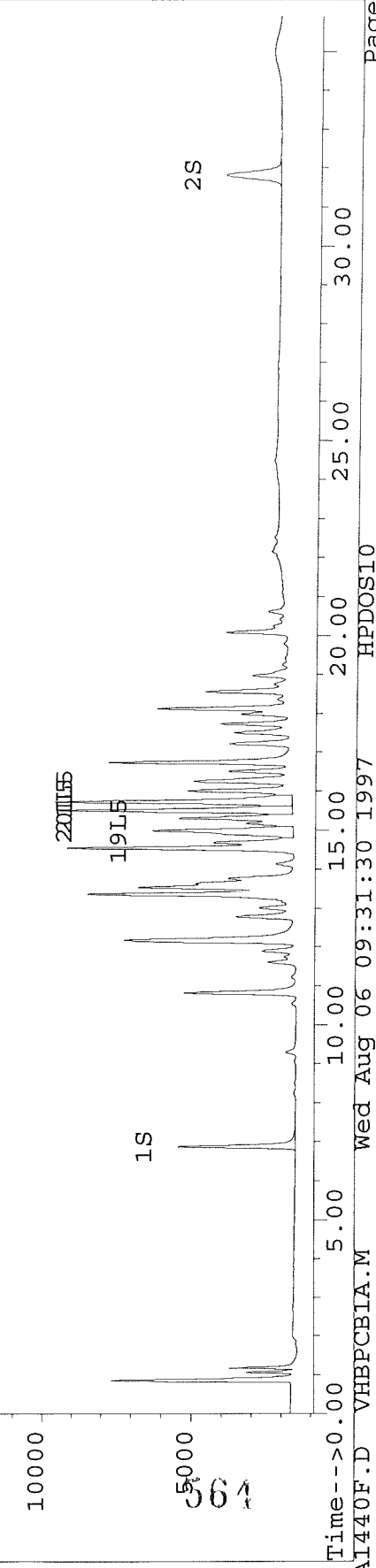
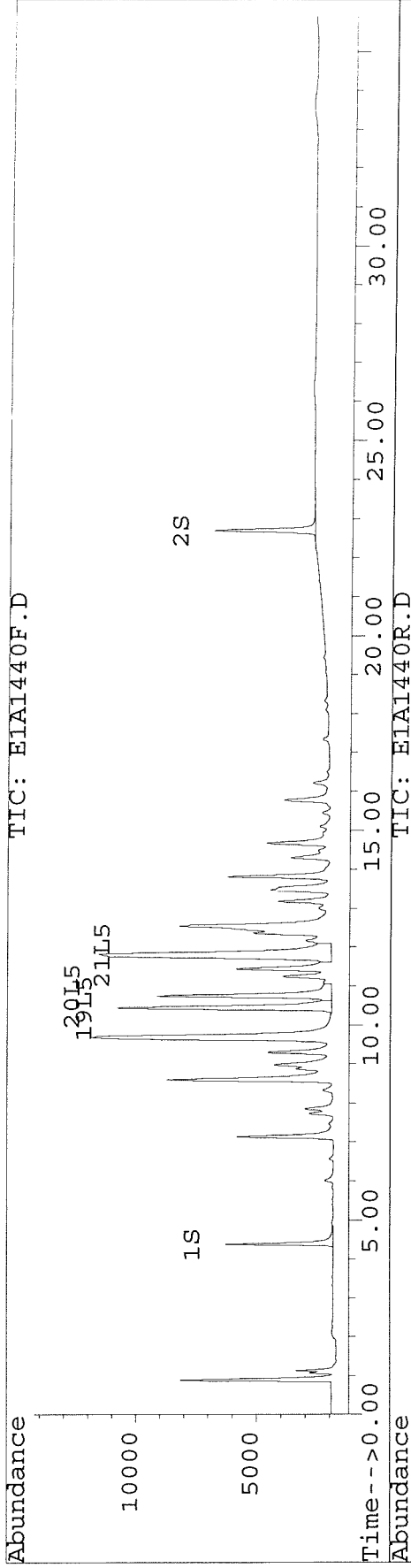
563

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1440F.D Vial: 25
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1440R.D
Acq On : 06 Aug 97 07:47 AM Operator: JS/GML
Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 6 9:30 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1441F.D Vial: 26
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1441F.D\E1A1441R.D
 Acq On : 06 Aug 97 08:27 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 9:30 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.87	4695	4012	20.552	18.999
			Recovery	=	51.38%	47.50%
2) S Decachlorobiphenyl	22.70	31.82f	4341	1936	17.839	17.078m
			Recovery	=	44.60%	42.70%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

565

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1441F.D Vial: 26
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1441F.D\E1A1441R.D
 Acq On : 06 Aug 97 08:27 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 9:30 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	13.47	17.73	6817	6650	190.748	189.081
23) L6 Aroclor-1254 {2}	13.81	18.12	14389	14557	190.195	188.890
24) L6 Aroclor-1254 {3}	14.30	18.56	7097	8991	194.761	187.935
25) L6 Aroclor-1254 (4)	14.67	19.07	8877	6174	194.528	188.199
26) L6 Aroclor-1254 (5)	16.21	20.62	11483	9453	190.644	182.239
Total Aroclor-1254			48662	45825	960.876	936.344
Average Aroclor-1254					192.175	187.269
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

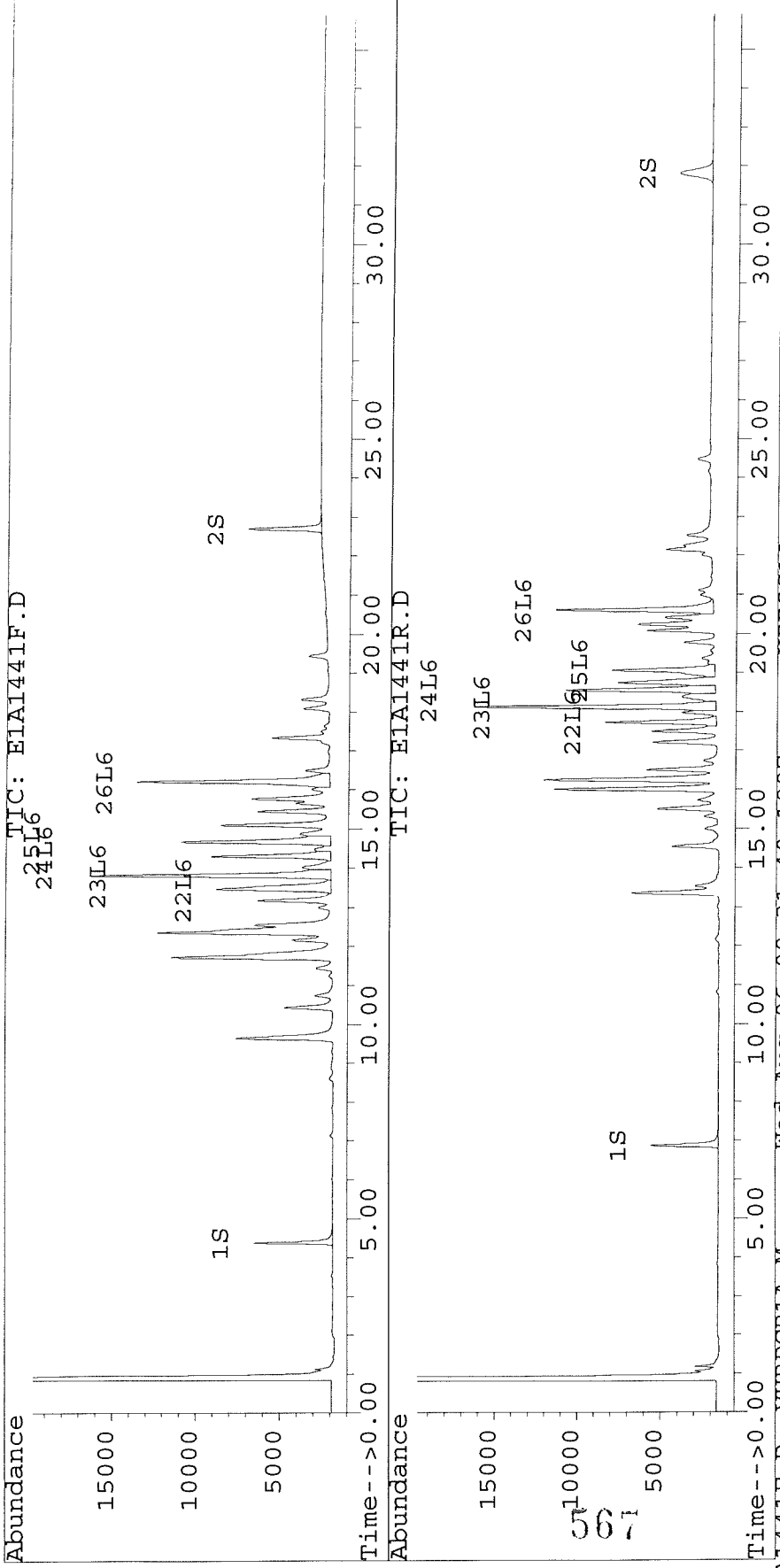
566

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1441F.D Vial: 26
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1441R.D
Acq On : 06 Aug 97 08:27 AM Operator: JS/GML
Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 6 9:30 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1442F.D Vial: 27
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1442F.D\E1A1442R.D
 Acq On : 06 Aug 97 09:06 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:26 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.39	6.87	4341	3873	19.002	18.343
			Recovery	=	47.51%	45.86%
2) S Decachlorobiphenyl	22.70	31.82f	4231	1878	17.386	16.566m
			Recovery	=	43.47%	41.42%
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	7.13	10.82	9909	9371	315.425	316.920
6) L1 Aroclor-1016 {2}	8.59	12.18	14673	12141	323.609	328.259
7) L1 Aroclor-1016 {3}	9.69	12.77	8063	5410	333.918	311.925
Total Aroclor-1016			32645	26921	972.953	957.103
Average Aroclor-1016					324.318	319.034
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1442F.D Vial: 27
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1442F.D\E1A1442R.D
 Acq On : 06 Aug 97 09:06 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:26 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	17.34	22.02	10027	8029	308.755	320.567
28) L7 Aroclor-1260 {2}	18.31	22.52	19943	19644	319.349	333.582
29) L7 Aroclor-1260 {3}	19.44	24.47	13856	7731	310.108	312.546
Total Aroclor-1260			43825	35404	938.212	966.695
Average Aroclor-1260					312.737	322.232

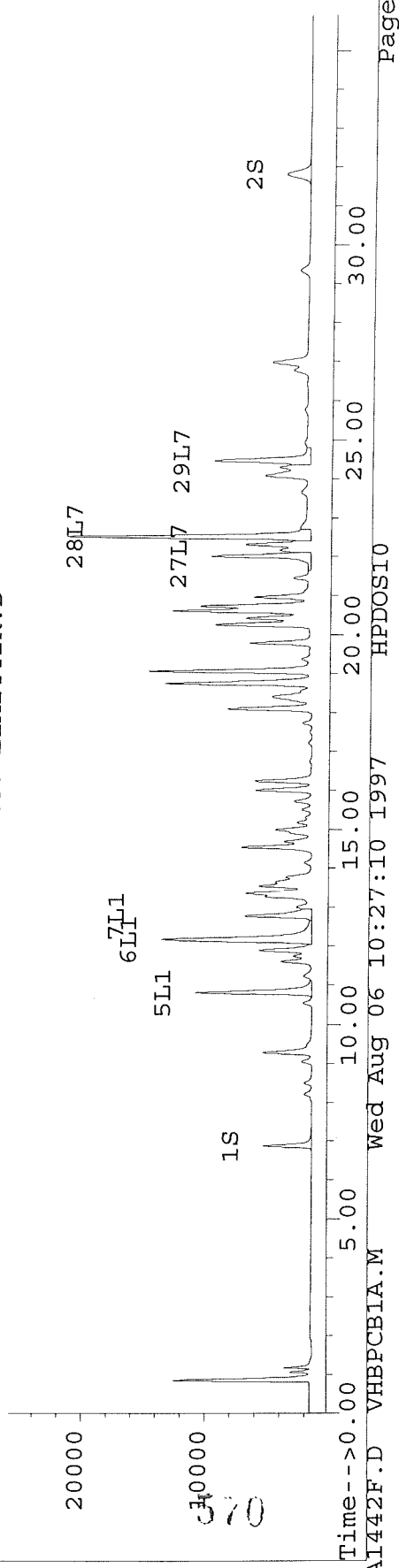
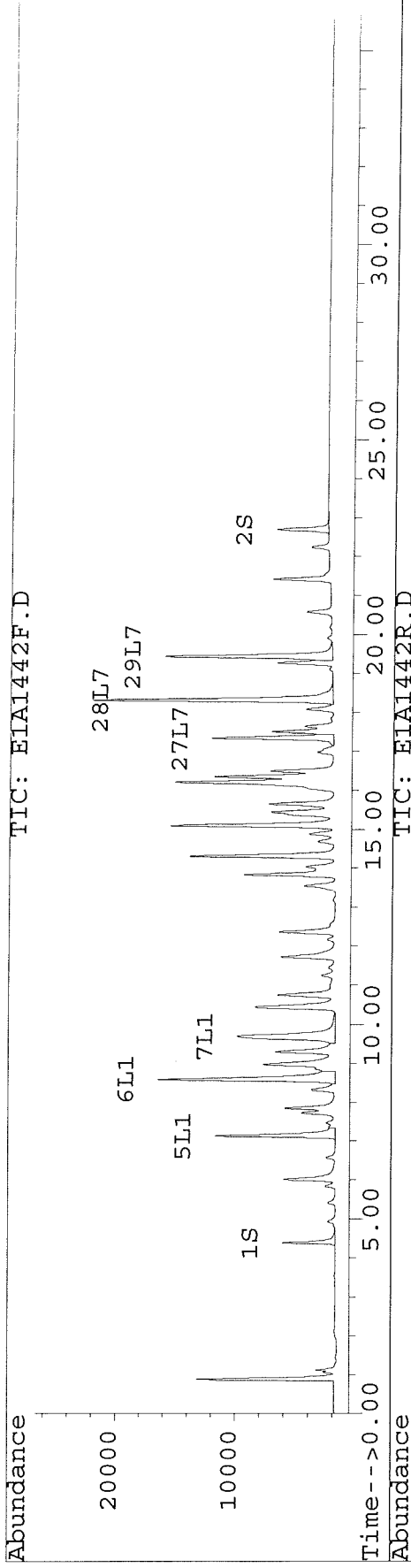
569

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1442F.D Vial: 27
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1442R.D
Acq On : 06 Aug 97 09:06 AM Operator: JS/GML
Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 6 10:26 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1258F.D Vial: 75
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1258F.D\E1A1258R.D
 Acq On : 31 Jul 97 10:12 PM Operator: JS
 Sample : ar1254c3,ar1254c3,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:26 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:25:42 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.80	7.45	4573	4069	20.016	19.267
			Recovery	=	50.04%	48.17%
2) S Decachlorobiphenyl	23.68	34.32	4719	2095	19.390	18.475
			Recovery	=	48.48%	46.19%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	12.63	0	58	N.D.	0.655 #
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5) L1 Aroclor-1016	7.69	11.53	170	162	5.418	5.465
6) L1 Aroclor-1016 {2}	9.20	12.90	242	207	5.343	5.610
7) L1 Aroclor-1016 {3}	0.00	13.52	0	87	N.D.	5.037 #
Total Aroclor-1016			412	456	10.760	16.111
Average Aroclor-1016					5.380	5.370
8) L2 Aroclor-1221	3.63f	0.00	37	0	4.653	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			37	0	4.653	N.D.
Average Aroclor-1221					4.653	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	12.47f	0	21	N.D.	1.344 #
Total Aroclor-1232			0	21	N.D.	1.344
Average Aroclor-1232					0.000	1.344
14) L4 Aroclor-1242	7.69	11.53	170	162	4.658	4.651
15) L4 Aroclor-1242 {2}	9.20	12.63	242	58	4.539	3.810
16) L4 Aroclor-1242 {3}	9.60	12.90	89	207	4.175	4.825
17) L4 Aroclor-1242 (4)	9.93	13.52	83	87	4.710	4.320
18) L4 Aroclor-1242 (5)	10.28	14.11	6093	5348	216.232	276.528 #
Total Aroclor-1242			6677	5862	234.314	294.134
Average Aroclor-1242					46.863	58.827
19) L5 Aroclor-1248	11.08	15.79	3069	872	114.229	57.879 #

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1258F.D Vial: 75
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1258F.D\E1A1258R.D
 Acq On : 31 Jul 97 10:12 PM Operator: JS
 Sample : ar1254c3,ar1254c3,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:26 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:25:42 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.40	16.30	1068	3918	47.783	164.245 #
21) L5 Aroclor-1248 {3}	0.00	16.53	0	1348	N.D.	54.153 #
Total Aroclor-1248			4137	6138	162.012	276.277
Average Aroclor-1248					81.006	92.092
22) L6 Aroclor-1254	14.18	18.56	7455	7070	208.595	201.043
23) L6 Aroclor-1254 {2}	14.53	18.96	16118	15477	213.055	200.825
24) L6 Aroclor-1254 {3}	15.03	19.40	7718	10062	211.807	210.315
25) L6 Aroclor-1254 (4)	15.40	19.91	10130	6879	221.971	209.685
26) L6 Aroclor-1254 (5)	16.96	21.50	12854	10398	213.409	200.465
Total Aroclor-1254			54274	49886	1068.838	1022.332
Average Aroclor-1254					213.768	204.466
27) L7 Aroclor-1260	18.11	22.98	3869	984	119.147	39.276 #
28) L7 Aroclor-1260 {2}	19.10	23.55	1887	1933	30.221	32.821
29) L7 Aroclor-1260 {3}	20.24	25.80	1298	1081	29.056	43.696 #
Total Aroclor-1260			7055	3997	178.423	115.793
Average Aroclor-1260					59.474	38.598

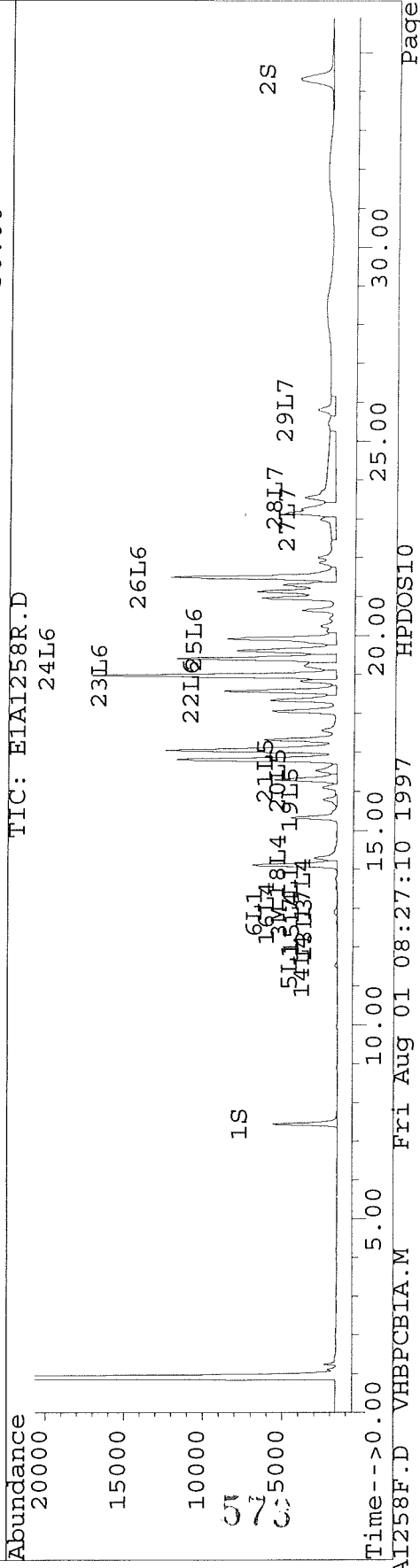
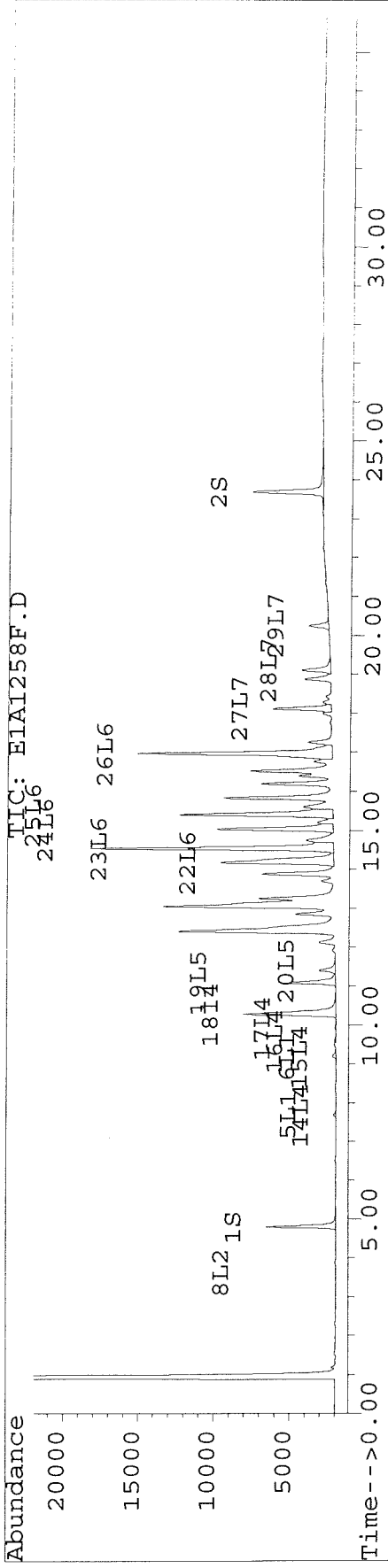
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1258F.D Vial: 75
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1258R.D
 Acq On : 31 Jul 97 10:12 PM Operator: JS
 Sample : ar1254c3,ar1254c3,,ar1254.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:26 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:25:42 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1257F.D Vial: 74
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1257F.D\E1A1257R.D
 Acq On : 31 Jul 97 09:32 PM Operator: JS
 Sample : ar1248c3,ar1248c3,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:27 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:25:42 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.79	7.43	4660	4081	20.397	19.328
			Recovery	=	50.99%	48.32%
2) S Decachlorobiphenyl	23.65	0.00	4560	0	18.738	N.D. #
			Recovery	=	46.85%	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	7.67	11.50	4322	3862	137.575	130.597
6) L1 Aroclor-1016 {2}	9.17	12.88f	7769	5951	171.347	160.894
7) L1 Aroclor-1016 {3}	10.30f	13.50	10385	2180	430.063	125.664 #
Total Aroclor-1016			22476	11992	738.984	417.156
Average Aroclor-1016					246.328	139.052
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}	8.90	0.00	451	0	23.845	N.D. #
Total Aroclor-1232			451	0	23.845	N.D.
Average Aroclor-1232					23.845	0.000
14) L4 Aroclor-1242	7.67	11.50	4322	3862	118.274	111.153
15) L4 Aroclor-1242 {2}	9.17	12.61	7769	1171	145.570	77.009 #
16) L4 Aroclor-1242 {3}	9.57	12.88	2615	5951	122.568	138.386
17) L4 Aroclor-1242 (4)	9.90	13.50	2990	2180	170.505	107.780 #
18) L4 Aroclor-1242 (5)	10.30	14.09	10385	7059	368.528	364.996
Total Aroclor-1242			28081	20221	925.446	799.324
Average Aroclor-1242					185.089	159.865
19) L5 Aroclor-1248	11.07	15.76	9774	4976	363.810	330.272

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1257F.D Vial: 74
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1257F.D\E1A1257R.D
 Acq On : 31 Jul 97 09:32 PM Operator: JS
 Sample : ar1248c3,ar1248c3,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:27 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:25:42 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.38	16.27	7919	8550	354.418	358.459
21) L5 Aroclor-1248 {3}	12.47	16.50	10571	8920	375.622	358.246
Total Aroclor-1248			28264	22446	1093.850	1046.976
Average Aroclor-1248					364.617	348.992
22) L6 Aroclor-1254	14.16	18.54	2756	2555	77.129	72.646
23) L6 Aroclor-1254 {2}	14.51	18.94	4859	4825	64.228	62.610
24) L6 Aroclor-1254 {3}	15.01	19.38	1912	3212	52.473	67.148 #
25) L6 Aroclor-1254 (4)	15.38	0.00	3139	0	68.773	N.D. #
26) L6 Aroclor-1254 (5)	16.95	21.47	814	746	13.509	14.378
Total Aroclor-1254			13480	11338	276.113	216.782
Average Aroclor-1254					55.223	54.195
27) L7 Aroclor-1260	18.09	22.96	264	248	8.142	9.899
28) L7 Aroclor-1260 {2}	19.08	23.52f	149	364	2.381	6.187 #
29) L7 Aroclor-1260 {3}	20.22	25.76f	91	162	2.044	6.565 #
Total Aroclor-1260			504	775	12.567	22.651
Average Aroclor-1260					4.189	7.550

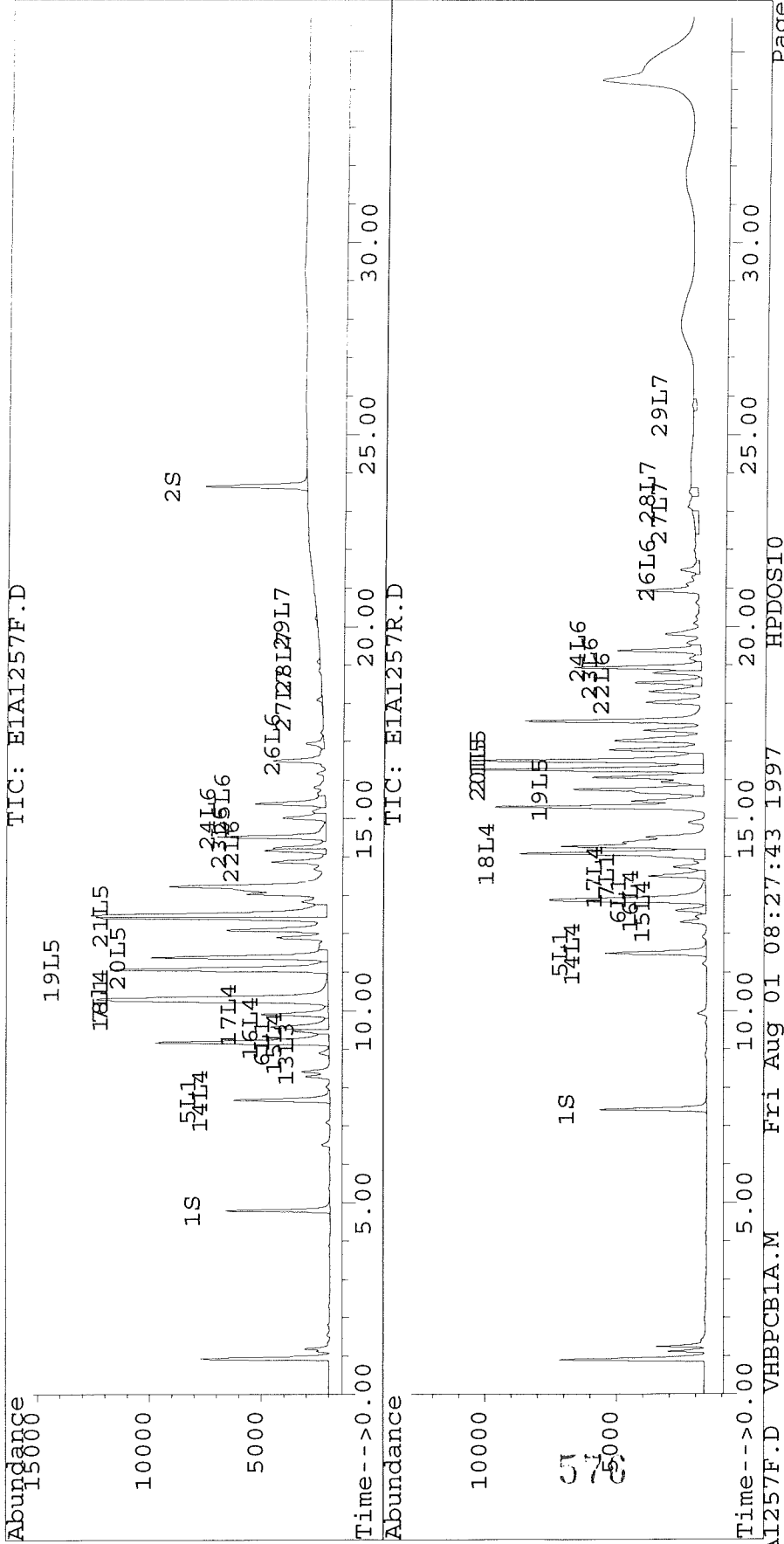
575

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1257F.D Vial: 74
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1257R.D
 Acq On : 31 Jul 97 09:32 PM Operator: JS
 Sample : ar1248c3,ar1248c3,,ar1248.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:27 1997

Method : C:\HPCHEM\5\METHODS\VHBPB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:25:42 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1256F.D Vial: 73
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1256F.D\E1A1256R.D
 Acq On : 31 Jul 97 08:53 PM Operator: JS
 Sample : ar1242c3,ar1242c3,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:28 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:25:42 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.79	7.43	4126	3655	18.061	17.309
			Recovery	=	45.15%	43.27%
2) S Decachlorobiphenyl	23.65	0.00	4150	0	17.055	N.D. #
			Recovery	=	42.64%	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	7.67	11.50	7506	6877	238.921	232.591
6) L1 Aroclor-1016 {2}	9.17	12.89	11399	8690	251.391	234.954
7) L1 Aroclor-1016 {3}	10.30f	13.50	5808	4097	240.523	236.214
Total Aroclor-1016			24712	19664	730.835	703.759
Average Aroclor-1016					243.612	234.586
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}	8.90f	0.00	1486	0	78.669	N.D. #
Total Aroclor-1232			1486	0	78.669	N.D.
Average Aroclor-1232					78.669	0.000
14) L4 Aroclor-1242	7.67	11.50	7506	6877	205.403	197.960
15) L4 Aroclor-1242 {2}	9.17	12.60	11399	3023	213.572	198.853
16) L4 Aroclor-1242 {3}	9.57	12.89	4500	8690	210.943	202.085
17) L4 Aroclor-1242 (4)	9.91	13.50	3740	4097	213.299	202.597
18) L4 Aroclor-1242 (5)	10.30	14.08	5808	3862	206.108	199.697
Total Aroclor-1242			32953	26549	1049.324	1001.192
Average Aroclor-1242					209.865	200.238
19) L5 Aroclor-1248	11.07	15.76	5384	2534	200.387	178.213

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1256F.D Vial: 73
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1256F.D\E1A1256R.D
 Acq On : 31 Jul 97 08:53 PM Operator: JS
 Sample : ar1242c3,ar1242c3,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:28 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:25:42 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.38	16.27	4165	4210	186.380	176.522
21) L5 Aroclor-1248 {3}	12.48	16.50	5323	4768	189.149	191.485
Total Aroclor-1248			14871	11512	575.917	536.221
Average Aroclor-1248					191.972	178.740
22) L6 Aroclor-1254	14.16	18.54	859	780	24.049	22.191
23) L6 Aroclor-1254 {2}	14.51	18.94	1476	1456	19.513	18.894
24) L6 Aroclor-1254 {3}	15.01	19.38	605	938	16.596	19.598
25) L6 Aroclor-1254 (4)	15.38	0.00	923	0	20.229	N.D. #
26) L6 Aroclor-1254 (5)	16.94	21.47	271	453	4.505	8.739 #
Total Aroclor-1254			4135	3627	84.892	69.422
Average Aroclor-1254					16.978	17.356
27) L7 Aroclor-1260	18.09	0.00	98	0	3.019	N.D. #
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			98	0	3.019	N.D.
Average Aroclor-1260					3.019	0.000

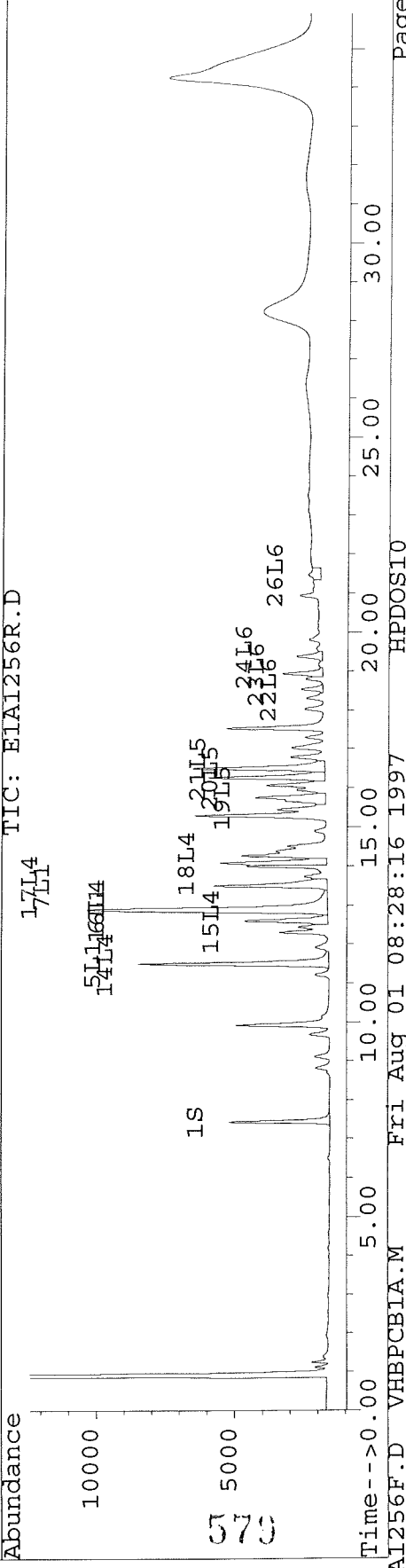
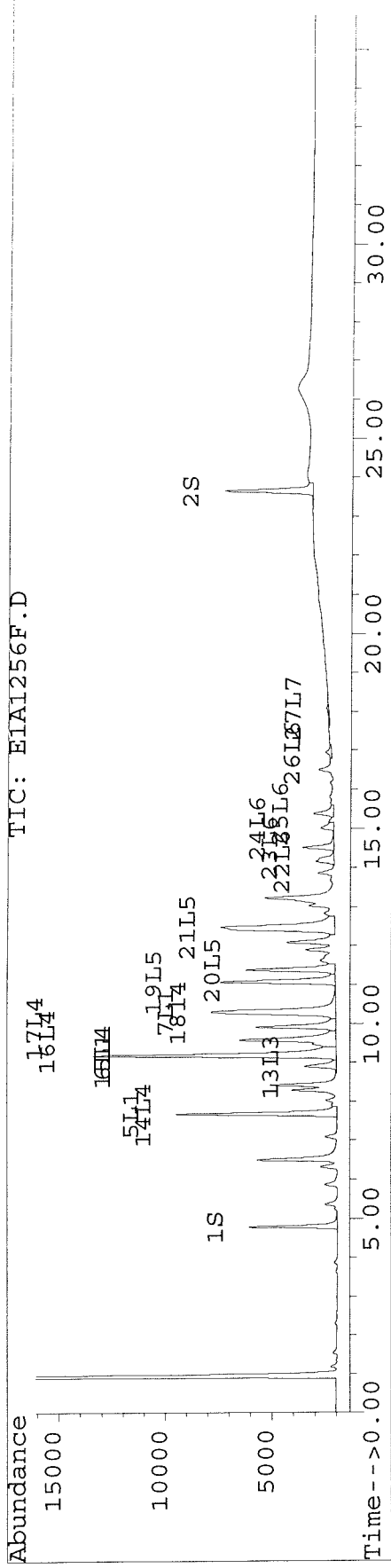
578

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1256F.D Vial: 73
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1256F.D
 Acq On : 31 Jul 97 08:53 PM Operator: JS
 Sample : ar1242c3,ar1242c3,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:28 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:25:42 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D Vial: 72
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D\E1A1255R.D
 Acq On : 31 Jul 97 08:13 PM Operator: JS
 Sample : pcbcog3B,pcbco3B,,pcbco3B.spk Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:29 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.79	7.43	2072	1874	9.072	8.876
			Recovery	=	22.68%	22.19%
2) S Decachlorobiphenyl	23.64	0.00	3896	0	16.009	N.D. #
			Recovery	=	40.02%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	9.17	12.90	96374	94159	1080.291	1065.774
4) M 2,2',3,3',4,4'-Hexa	18.08	23.11	192081	163388	1055.462	992.644
5) L1 Aroclor-1016	7.71	11.57f	47	11	1.483	0.361 #
6) L1 Aroclor-1016 {2}	9.17	12.90	96374	94159	2125.489	2545.877
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			96421	94169	2126.972	2546.238
Average Aroclor-1016					1063.486	1273.119
8) L2 Aroclor-1221	3.64f	6.25	64	18	8.017	2.572 #
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			64	18	8.017	2.572
Average Aroclor-1221					8.017	2.572
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	7.71f	0.00	47	0	1.275	N.D. #
15) L4 Aroclor-1242 {2}	9.17	12.58	96374	25	1805.732	1.662 #
16) L4 Aroclor-1242 {3}	0.00	12.90	0	94159	N.D.	2189.716 #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			96421	94184	1807.007	2191.378
Average Aroclor-1242					903.504	1095.689
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

580

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D Vial: 72
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D\E1A1255R.D
 Acq On : 31 Jul 97 08:13 PM Operator: JS
 Sample : pcbcog3B,pcbco3B,,pcbco3g.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:29 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
21) L5 Aroclor-1248 {3}	0.00	16.51	0	45	N.D.	1.803 #
Total Aroclor-1248			0	45	N.D.	1.803
Average Aroclor-1248					0.000	1.803
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	15.01	19.44f	736	139	20.206	2.911 #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			736	139	20.206	2.911
Average Aroclor-1254					20.206	2.911
27) L7 Aroclor-1260	18.08f	0.00	192081	0	5914.907	N.D. #
28) L7 Aroclor-1260 {2}	19.08	0.00	132	0	2.113	N.D. #
29) L7 Aroclor-1260 {3}	20.22	25.77f	88	590	1.968	23.834 #
Total Aroclor-1260			192301	590	5918.989	23.834
Average Aroclor-1260					1972.996	23.834

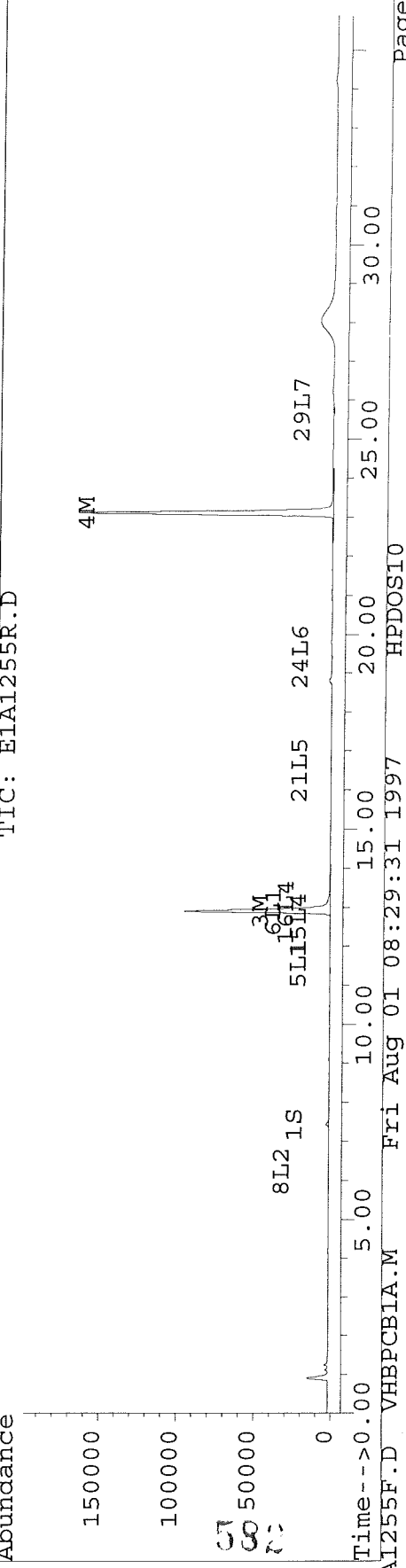
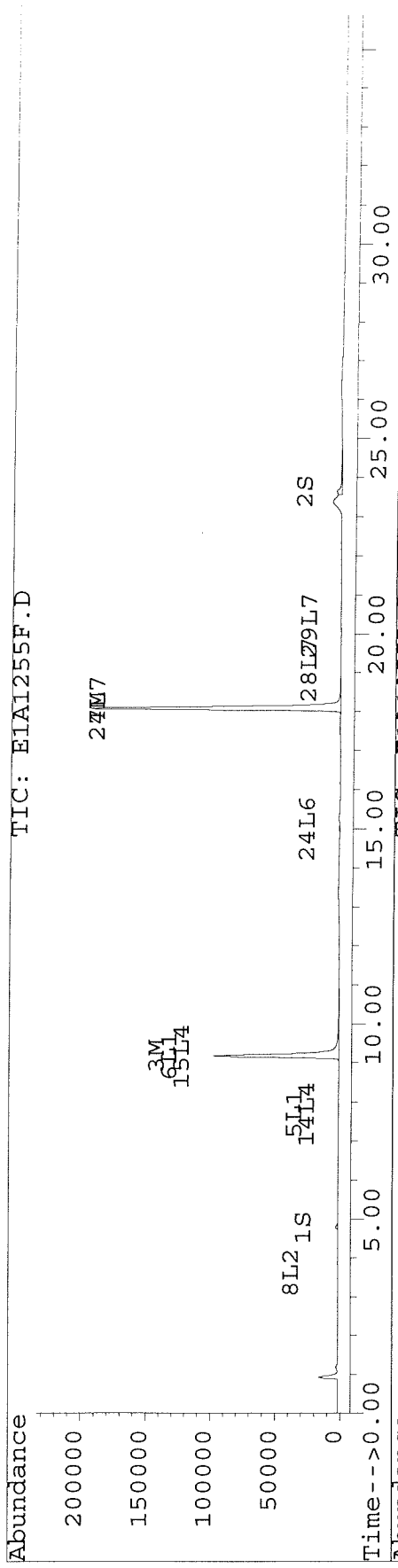
581

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D Vial: 72
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255R.D
Acq On : 31 Jul 97 08:13 PM Operator: JS
Sample : pcbcog3B,pcbocog3B,,pcbocog.spk Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 1 8:29 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Fri Aug 01 08:28:51 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D Vial: 72
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D\E1A1255R.D
 Acq On : 31 Jul 97 08:13 PM Operator: JS
 Sample : pcbcog3B,pcbco3B,,pcbco3g.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:37 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.79	7.43	2072	1874	9.072	8.876
			Recovery	=	22.68%	22.19%
2) S Decachlorobiphenyl	23.64	0.00	3896	0	16.009	N.D. #
			Recovery	=	40.02%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	9.17	12.90	96374	94159	1080.291	1065.774
4) M 2,2',3,3',4,4'-Hexa	18.08	23.11	192081	163388	1055.462	992.644
5) L1 Aroclor-1016	7.71	11.57f	47	11	1.483	0.361 #
6) L1 Aroclor-1016 {2}	9.17	12.90	96374	94159	2125.489	2545.877
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			96421	94169	2126.972	2546.238
Average Aroclor-1016					1063.486	1273.119
8) L2 Aroclor-1221	3.64f	6.25	64	18	8.017	2.572 #
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			64	18	8.017	2.572
Average Aroclor-1221					8.017	2.572
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	7.71f	0.00	47	0	1.275	N.D. #
15) L4 Aroclor-1242 {2}	9.17	12.58	96374	25	1805.732	1.662 #
16) L4 Aroclor-1242 {3}	0.00	12.90	0	94159	N.D.	2189.716 #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			96421	94184	1807.007	2191.378
Average Aroclor-1242					903.504	1095.689
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D Vial: 72
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D\E1A1255R.D
 Acq On : 31 Jul 97 08:13 PM Operator: JS
 Sample : pcbcog3B,pcbco3B,,pcbco3B.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:37 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
21) L5 Aroclor-1248 {3}	0.00	16.51	0	45	N.D.	1.803 #
Total Aroclor-1248			0	45	N.D.	1.803
Average Aroclor-1248					0.000	1.803
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	15.01	19.44f	736	139	20.206	2.911 #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			736	139	20.206	2.911
Average Aroclor-1254					20.206	2.911
27) L7 Aroclor-1260	18.08f	0.00	192081	0	5914.907	N.D. #
28) L7 Aroclor-1260 {2}	19.08	0.00	132	0	2.113	N.D. #
29) L7 Aroclor-1260 {3}	20.22	25.77f	88	590	1.968	23.834 #
Total Aroclor-1260			192301	590	5918.989	23.834
Average Aroclor-1260					1972.996	23.834

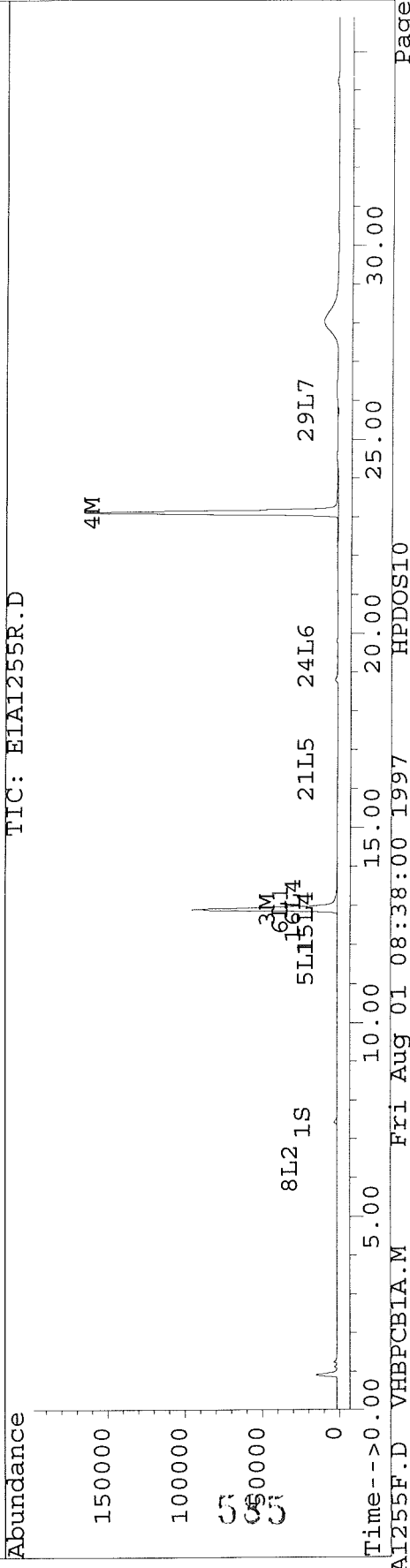
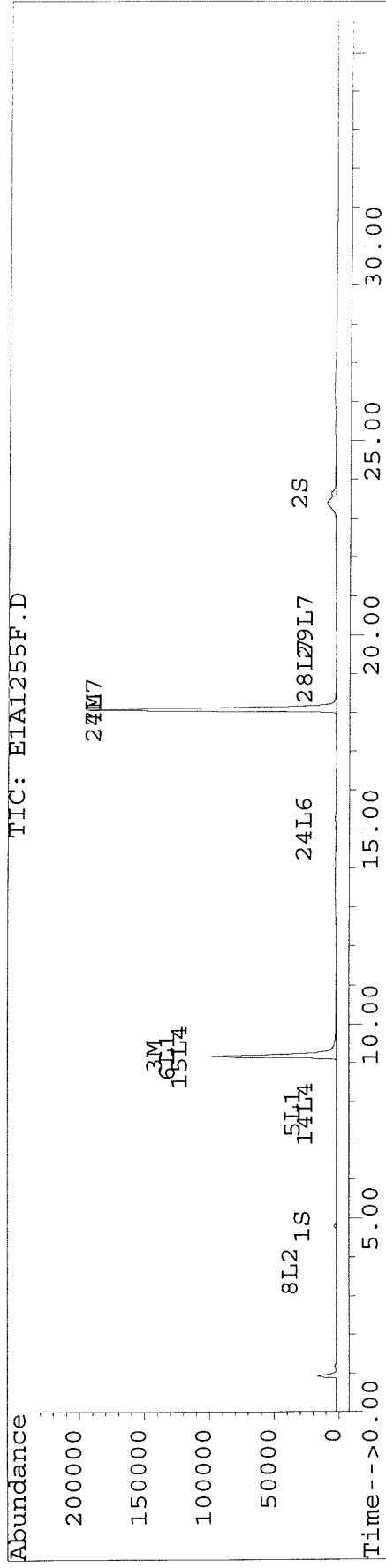
584

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D Vial: 72
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255R.D
 Acq On : 31 Jul 97 08:13 PM
 Sample : pcbcog3B,pcbocog3B,,pcbocog.spk
 Misc : 2,,,3
 Quant Time: Aug 1 8:37 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D Vial: 72
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D\E1A1255R.D
 Acq On : 31 Jul 97 08:13 PM Operator: JS
 Sample : pcbcog3B, pcbcog3B, , pcbcog.spk Inst : E1
 Misc : 2, , , 3 Multiplr: 1.00
 Quant Time: Aug 1 8:41 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.79	7.43	2072	1874	9.072	8.876
			Recovery	=	22.68%	22.19%
2) S Decachlorobiphenyl	23.64	0.00	3896	0	16.009	N.D. #
			Recovery	=	40.02%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	9.17	12.90	96374	94159	1080.291	1065.774
4) M 2,2',3,3',4,4'-Hexa	18.08	23.11	192081	163388	1055.462	992.644
5) L1 Aroclor-1016	7.71	11.57f	47	11	1.483	0.361 #
6) L1 Aroclor-1016 {2}	9.17	12.90	96374	94159	2125.489	2545.877
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			96421	94169	2126.972	2546.238
Average Aroclor-1016					1063.486	1273.119
8) L2 Aroclor-1221	3.64f	6.25	64	18	8.017	2.572 #
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			64	18	8.017	2.572
Average Aroclor-1221					8.017	2.572
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	7.71f	0.00	47	0	1.275	N.D. #
15) L4 Aroclor-1242 {2}	9.17	12.58	96374	25	1805.732	1.662 #
16) L4 Aroclor-1242 {3}	0.00	12.90	0	94159	N.D.	2189.716 #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			96421	94184	1807.007	2191.378
Average Aroclor-1242					903.504	1095.689
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D Vial: 72
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D\E1A1255R.D
 Acq On : 31 Jul 97 08:13 PM Operator: JS
 Sample : pcbcog3B,pcbco3B,,pcbco3B.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:41 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
21) L5 Aroclor-1248 {3}	0.00	16.51	0	45	N.D.	1.803 #
Total Aroclor-1248			0	45	N.D.	1.803
Average Aroclor-1248					0.000	1.803
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	15.01	19.44f	736	139	20.206	2.911 #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			736	139	20.206	2.911
Average Aroclor-1254					20.206	2.911
27) L7 Aroclor-1260	18.08f	0.00	192081	0	5914.907	N.D. #
28) L7 Aroclor-1260 {2}	19.08	0.00	132	0	2.113	N.D. #
29) L7 Aroclor-1260 {3}	20.22	25.77f	88	590	1.968	23.834 #
Total Aroclor-1260			192301	590	5918.989	23.834
Average Aroclor-1260					1972.996	23.834

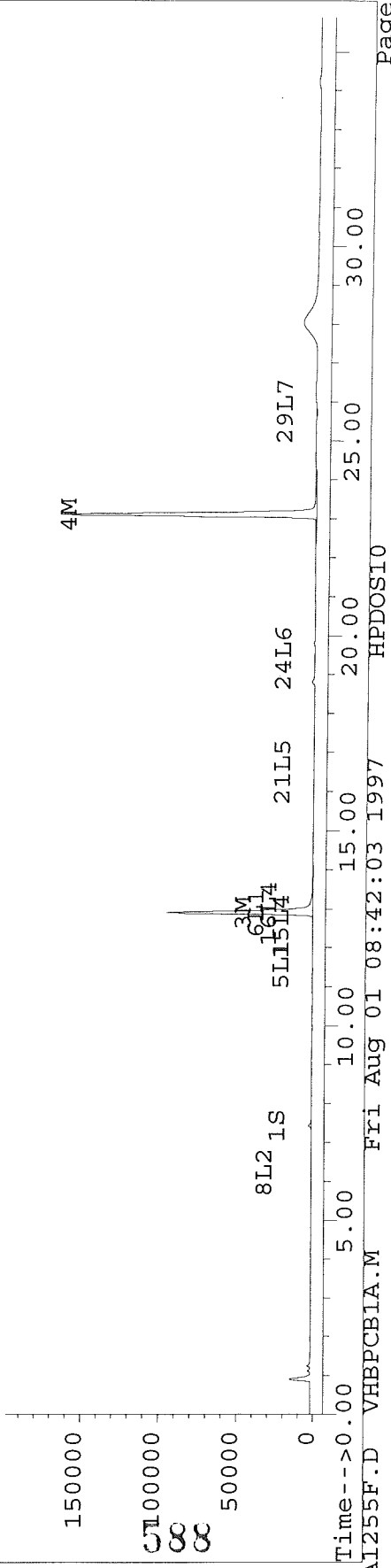
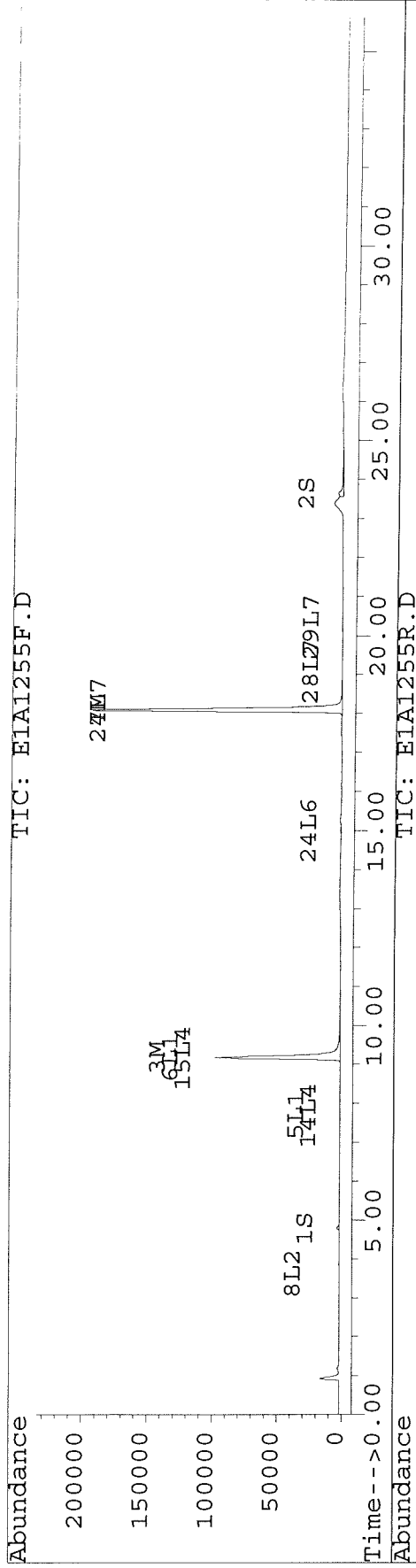
587

Quantitation report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255F.D Vial: 72
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1255R.D
 Acq On : 31 Jul 97 08:13 PM Operator: JS
 Sample : pcbcog3B,pcbocog3B,,pcbocog.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:41 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1256F.D Vial: 73
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1256R.D
 Acq On : 31 Jul 97 08:53 PM Operator: JS
 Sample : ar1242c3,ar1242c3,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:42 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.79	7.43	4126	3655	18.061	17.309
			Recovery	=	45.15%	43.27%
2) S Decachlorobiphenyl	23.65	0.00	4150	0	17.055	N.D. #
			Recovery	=	42.64%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	9.17	12.89	11399	8690	127.771	98.358
4) M 2,2',3,3',4,4'-Hexa	18.09	23.11	98	420	0.539	2.553 #
5) L1 Aroclor-1016	7.67	11.50	7506	6877	238.921	232.591
6) L1 Aroclor-1016 {2}	9.17	12.89	11399	8690	251.391	234.954
7) L1 Aroclor-1016 {3}	10.30f	13.50	5808	4097	240.523	236.214
Total Aroclor-1016			24712	19664	730.835	703.759
Average Aroclor-1016					243.612	234.586
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}	8.90f	0.00	1486	0	78.669	N.D. #
Total Aroclor-1232			1486	0	78.669	N.D.
Average Aroclor-1232					78.669	0.000
14) L4 Aroclor-1242	7.67	11.50	7506	6877	205.403	197.960
15) L4 Aroclor-1242 {2}	9.17	12.60	11399	3023	213.572	198.853
16) L4 Aroclor-1242 {3}	9.57	12.89	4500	8690	210.943	202.085
17) L4 Aroclor-1242 (4)	9.91	13.50	3740	4097	213.299	202.597
18) L4 Aroclor-1242 (5)	10.30	14.08	5808	3862	206.108	199.697
Total Aroclor-1242			32953	26549	1049.324	1001.192
Average Aroclor-1242					209.865	200.238
19) L5 Aroclor-1248	11.07	15.76	5384	2534	200.387	168.213

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1256F.D Vial: 73
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1256F.D\E1A1256R.D
 Acq On : 31 Jul 97 08:53 PM Operator: JS
 Sample : ar1242c3,ar1242c3,,ar1242.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:42 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.38	16.27	4165	4210	186.380	176.522
21) L5 Aroclor-1248 {3}	12.48	16.50	5323	4768	189.149	191.485
Total Aroclor-1248			14871	11512	575.917	536.221
Average Aroclor-1248					191.972	178.740
22) L6 Aroclor-1254	14.16	18.54	859	780	24.049	22.191
23) L6 Aroclor-1254 {2}	14.51	18.94	1476	1456	19.513	18.894
24) L6 Aroclor-1254 {3}	15.01	19.38	605	938	16.596	19.598
25) L6 Aroclor-1254 (4)	15.38	0.00	923	0	20.229	N.D. #
26) L6 Aroclor-1254 (5)	16.94	21.47	271	453	4.505	8.739 #
Total Aroclor-1254			4135	3627	84.892	69.422
Average Aroclor-1254					16.978	17.356
27) L7 Aroclor-1260	18.09	0.00	98	0	3.019	N.D. #
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			98	0	3.019	N.D.
Average Aroclor-1260					3.019	0.000

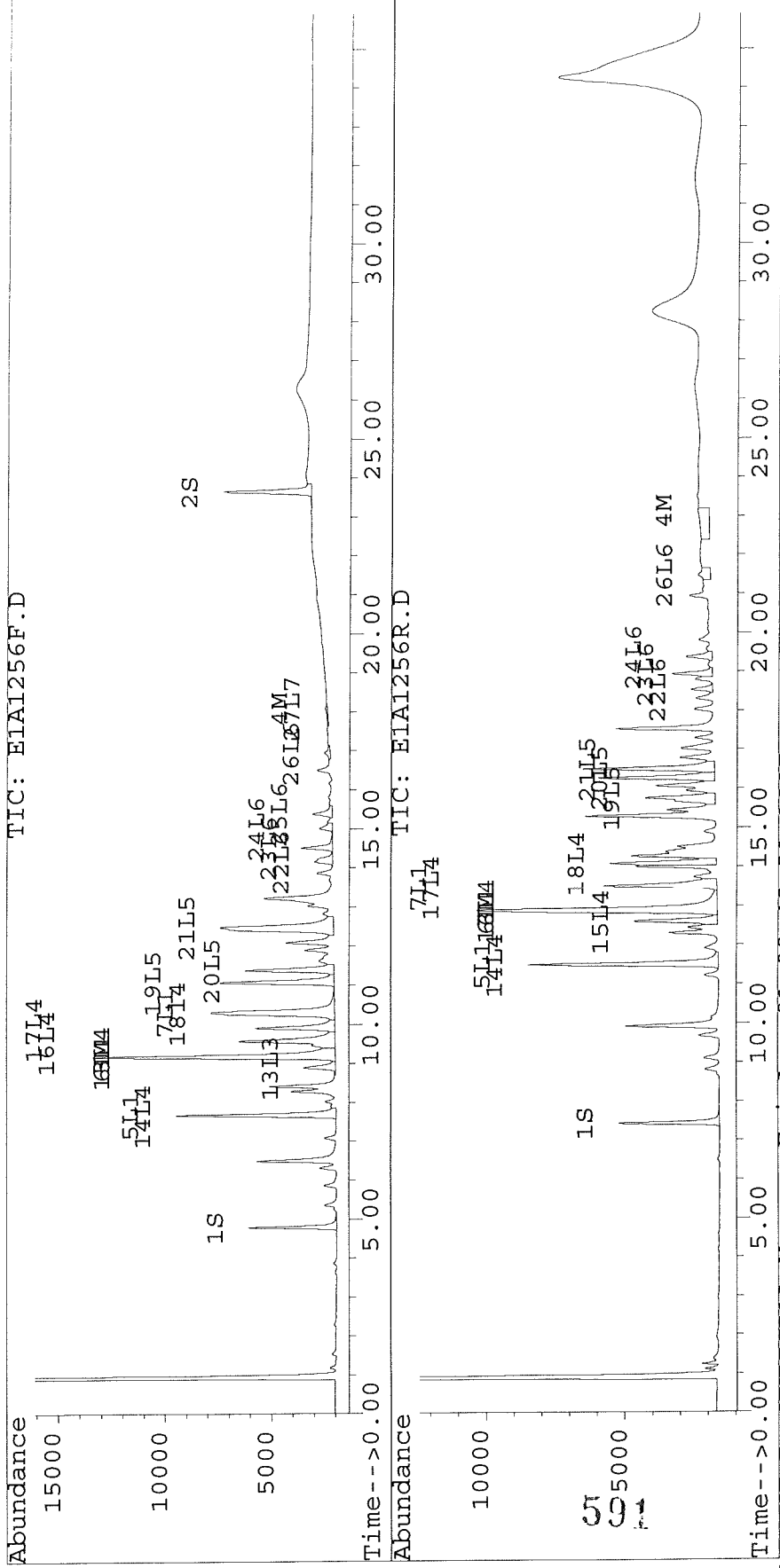
590

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1256F.D Vial: 73
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1256F.D
Acq On : 31 Jul 97 08:53 PM Operator: JS
Sample : ar1242c3,ar1242c3,,ar1242.sub Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 1 8:42 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Fri Aug 01 08:28:51 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1257F.D Vial: 74
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1257F.D\E1A1257R.D
 Acq On : 31 Jul 97 09:32 PM Operator: JS
 Sample : ar1248c3,ar1248c3,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:42 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
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System Monitoring Compounds

1) S	Tetrachloro-m-xylen	4.79	7.43	4660	4081	20.397	19.328
				Recovery	=	50.99%	48.32%
2) S	Decachlorobiphenyl	23.65	0.00	4560	0	18.738	N.D. #
				Recovery	=	46.85%	0.00%

Target Compounds

3) M	2,4,4'-Trichlorobip	9.17	12.88	7769	5951	87.088	67.355
4) M	2,2',3,3',4,4'-Hexa	18.09	23.12	264	412	1.453	2.502 #
5) L1	Aroclor-1016	7.67	11.50	4322	3862	137.575	130.597
6) L1	Aroclor-1016 {2}	9.17	12.88f	7769	5951	171.347	160.894
7) L1	Aroclor-1016 {3}	10.30f	13.50	10385	2180	430.063	125.664 #
Total Aroclor-1016				22476	11992	738.984	417.156
Average Aroclor-1016						246.328	139.052
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}	8.90	0.00	451	0	23.845	N.D. #
Total Aroclor-1232				451	0	23.845	N.D.
Average Aroclor-1232						23.845	0.000
14) L4	Aroclor-1242	7.67	11.50	4322	3862	118.274	111.153
15) L4	Aroclor-1242 {2}	9.17	12.61	7769	1171	145.570	77.009 #
16) L4	Aroclor-1242 {3}	9.57	12.88	2615	5951	122.568	138.386
17) L4	Aroclor-1242 (4)	9.90	13.50	2990	2180	170.506	107.780 #
18) L4	Aroclor-1242 (5)	10.30	14.09	10385	7059	368.528	364.996
Total Aroclor-1242				28081	20221	925.446	799.324
Average Aroclor-1242						185.089	159.865
19) L5	Aroclor-1248	11.07	15.76	9774	4976	363.810	330.272

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1257F.D Vial: 74
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1257F.D\E1A1257R.D
 Acq On : 31 Jul 97 09:32 PM Operator: JS
 Sample : ar1248c3,ar1248c3,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:42 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.38	16.27	7919	8550	354.418	358.459
21) L5 Aroclor-1248 {3}	12.47	16.50	10571	8920	375.622	358.246
Total Aroclor-1248			28264	22446	1093.850	1046.976
Average Aroclor-1248					364.617	348.992
22) L6 Aroclor-1254	14.16	18.54	2756	2555	77.129	72.646
23) L6 Aroclor-1254 {2}	14.51	18.94	4859	4825	64.228	62.610
24) L6 Aroclor-1254 {3}	15.01	19.38	1912	3212	52.473	67.148 #
25) L6 Aroclor-1254 (4)	15.38	0.00	3139	0	68.773	N.D. #
26) L6 Aroclor-1254 (5)	16.95	21.47	814	746	13.509	14.378
Total Aroclor-1254			13480	11338	276.113	216.782
Average Aroclor-1254					55.223	54.195
27) L7 Aroclor-1260	18.09	22.96	264	248	8.142	9.899
28) L7 Aroclor-1260 {2}	19.08	23.52f	149	364	2.381	6.187 #
29) L7 Aroclor-1260 {3}	20.22	25.76f	91	162	2.044	6.565 #
Total Aroclor-1260			504	775	12.567	22.651
Average Aroclor-1260					4.189	7.550

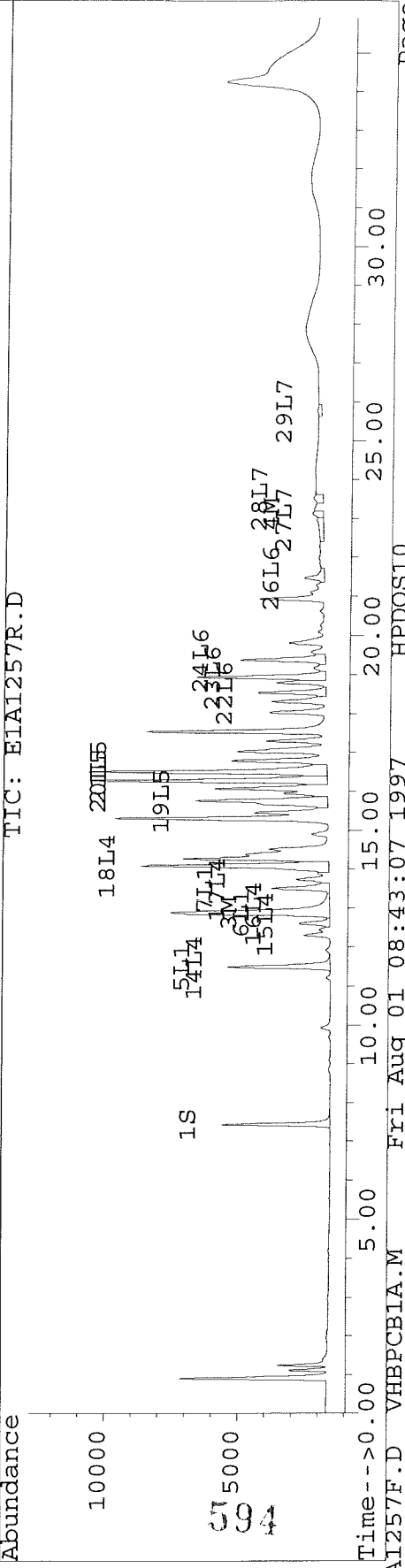
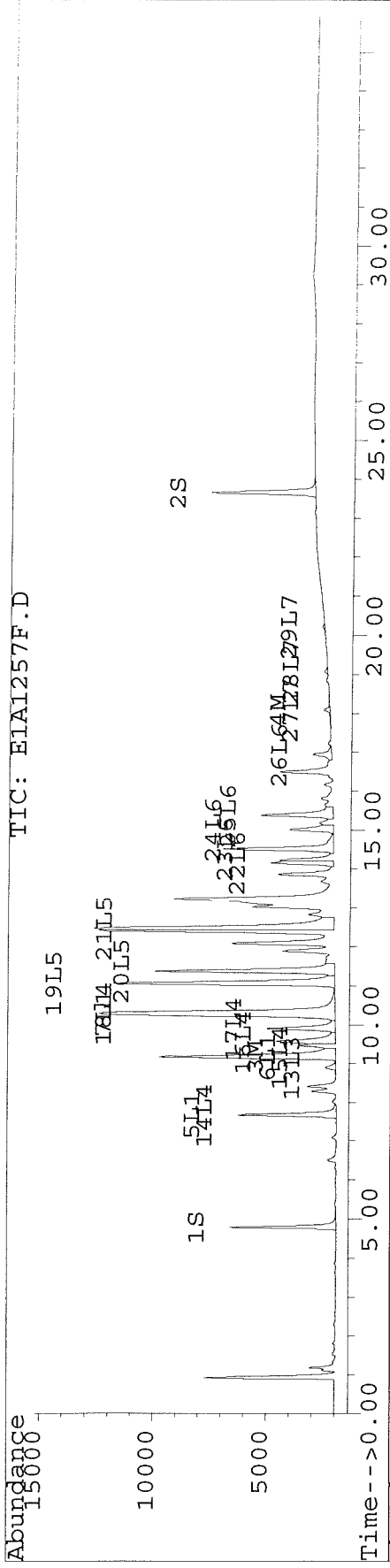
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1257F.D Vial: 74
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1257R.D
 Acq On : 31 Jul 97 09:32 PM Operator: JS
 Sample : ar1248c3,ar1248c3,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:42 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1258F.D Vial: 75
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1258F.D\E1A1258R.D
 Acq On : 31 Jul 97 10:12 PM Operator: JS
 Sample : ar1254c3,ar1254c3,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:43 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.80	7.45	4573	4069	20.016	19.267
			Recovery	=	50.04%	48.17%
2) S Decachlorobiphenyl	23.68	34.32	4719	2095	19.390	18.475
			Recovery	=	48.48%	46.19%
Target Compounds						
3) M 2,4,4'-Trichlorobip	9.20	12.90	242	207	2.715	2.348
4) M 2,2',3,3',4,4'-Hexa	18.11	23.15	3869	3157	21.261	19.179
5) L1 Aroclor-1016	7.69	11.53	170	162	5.418	5.465
6) L1 Aroclor-1016 {2}	9.20	12.90	242	207	5.343	5.610
7) L1 Aroclor-1016 {3}	0.00	13.52	0	87	N.D.	5.037 #
Total Aroclor-1016			412	456	10.760	16.111
Average Aroclor-1016					5.380	5.370
8) L2 Aroclor-1221	3.63f	0.00	37	0	4.653	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			37	0	4.653	N.D.
Average Aroclor-1221					4.653	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	12.47f	0	21	N.D.	1.344 #
Total Aroclor-1232			0	21	N.D.	1.344
Average Aroclor-1232					0.000	1.344
14) L4 Aroclor-1242	7.69	11.53	170	162	4.658	4.651
15) L4 Aroclor-1242 {2}	9.20	12.63	242	58	4.539	3.810
16) L4 Aroclor-1242 {3}	9.60	12.90	89	207	4.175	4.825
17) L4 Aroclor-1242 (4)	9.93	13.52	83	87	4.710	4.320
18) L4 Aroclor-1242 (5)	10.28	14.11	6093	5348	216.232	276.528 #
Total Aroclor-1242			6677	5862	234.314	294.134
Average Aroclor-1242					46.863	58.827
19) L5 Aroclor-1248	11.08	15.79	3069	872	114.229	57.879 #

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1258F.D Vial: 75
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1258F.D\E1A1258R.D
 Acq On : 31 Jul 97 10:12 PM Operator: JS
 Sample : ar1254c3,ar1254c3,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:43 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.40	16.30	1068	3918	47.783	164.245 #
21) L5 Aroclor-1248 {3}	0.00	16.53	0	1348	N.D.	54.153 #
Total Aroclor-1248			4137	6138	162.012	276.277
Average Aroclor-1248					81.006	92.092
22) L6 Aroclor-1254	14.18	18.56	7455	7070	208.595	201.043
23) L6 Aroclor-1254 {2}	14.53	18.96	16118	15477	213.055	200.825
24) L6 Aroclor-1254 {3}	15.03	19.40	7718	10062	211.807	210.315
25) L6 Aroclor-1254 (4)	15.40	19.91	10130	6879	221.971	209.685
26) L6 Aroclor-1254 (5)	16.96	21.50	12854	10398	213.409	200.465
Total Aroclor-1254			54274	49886	1068.838	1022.332
Average Aroclor-1254					213.768	204.466
27) L7 Aroclor-1260	18.11	22.98	3869	984	119.147	39.276 #
28) L7 Aroclor-1260 {2}	19.10	23.55	1887	1933	30.221	32.821
29) L7 Aroclor-1260 {3}	20.24	25.80	1298	1081	29.056	43.696 #
Total Aroclor-1260			7055	3997	178.423	115.793
Average Aroclor-1260					59.474	38.598

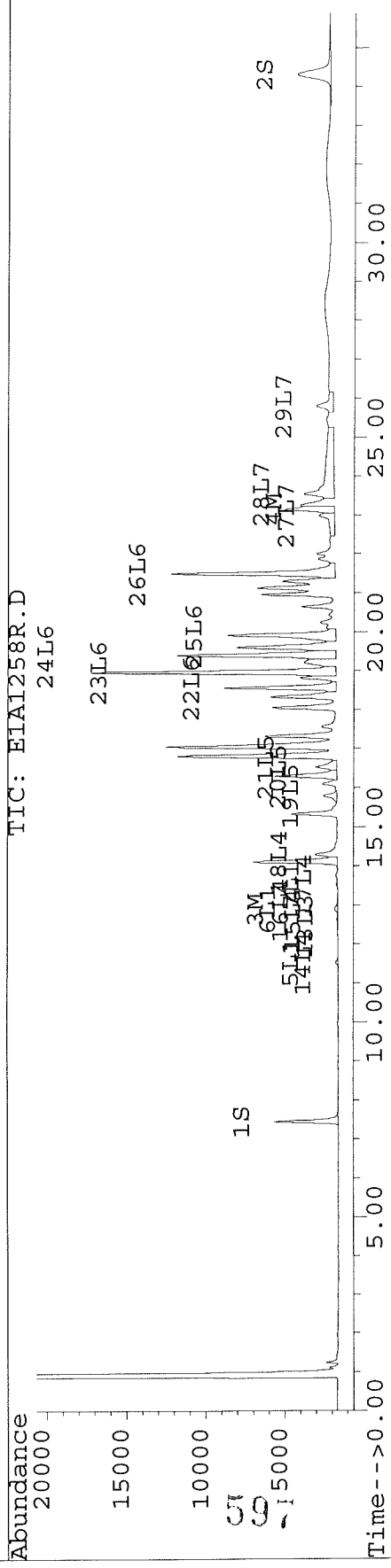
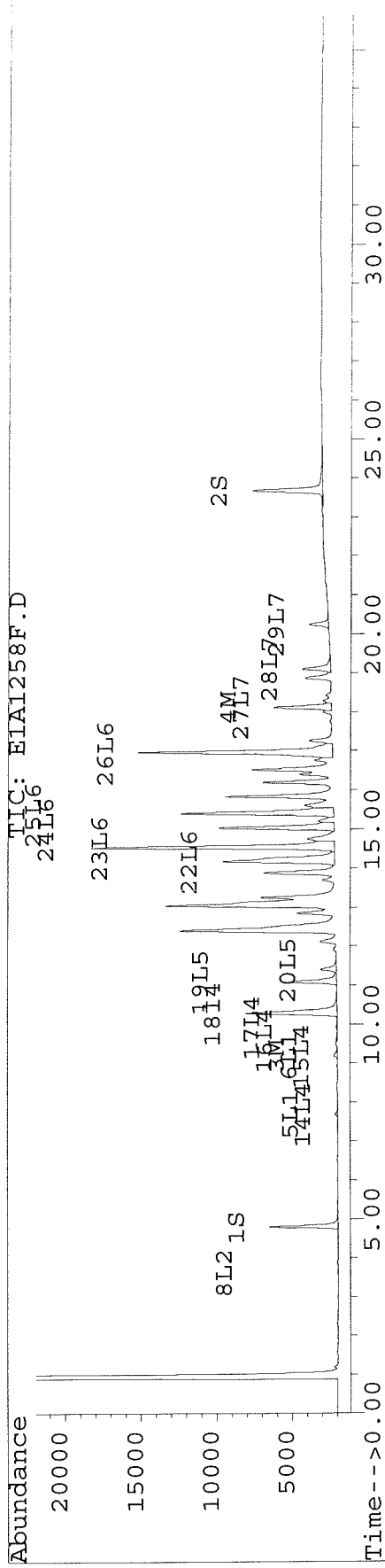
596

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1258F.D Vial: 75
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1258F.D\E1A1258R.D
 Acq On : 31 Jul 97 10:12 PM Operator: JS
 Sample : ar1254c3,ar1254c3,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:43 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1259F.D Vial: 76
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1259F.D\E1A1259R.D
 Acq On : 31 Jul 97 10:51 PM Operator: JS
 Sample : ar1660c3,ar1660c3,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:43 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.80	7.46	4280	3882	18.732	18.383
			Recovery	=	46.83%	45.96%
2) S Decachlorobiphenyl	23.69	34.35	4709	2049	19.353	18.072
			Recovery	=	48.38%	45.18%
Target Compounds						
3) M 2,4,4'-Trichlorobip	9.20	12.92	16327	12440	183.011	140.811
4) M 2,2',3,3',4,4'-Hexa	18.12	0.00	11531	0	63.359	N.D. #
5) L1 Aroclor-1016	7.69	11.53	10588	9658	337.031	326.636
6) L1 Aroclor-1016 {2}	9.20	12.92	16327	12440	360.077	336.363
7) L1 Aroclor-1016 {3}	10.34	13.53	8247	5840	341.546	336.734
Total Aroclor-1016			35162	27939	1038.654	999.733
Average Aroclor-1016					346.218	333.244
8) L2 Aroclor-1221	3.64f	0.00	40	0	4.964	N.D. #
9) L2 Aroclor-1221 {2}	0.00	8.72f	0	124	N.D.	19.102 #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			40	124	4.964	19.102
Average Aroclor-1221					4.964	19.102
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	12.47f	0	1552	N.D.	101.082 #
Total Aroclor-1232			0	1552	N.D.	101.082
Average Aroclor-1232					0.000	101.082
14) L4 Aroclor-1242	7.69	11.53	10588	9658	289.748	278.004
15) L4 Aroclor-1242 {2}	9.20	12.63	16327	4293	305.908	282.415
16) L4 Aroclor-1242 {3}	9.60	12.92f	6361	12440	298.156	289.307
17) L4 Aroclor-1242 (4)	9.93	13.53	5418	5840	308.967	288.812
18) L4 Aroclor-1242 (5)	10.34	14.11	8247	5170	292.677	267.333
Total Aroclor-1242			46940	37402	1495.455	1405.870
Average Aroclor-1242					299.091	281.174
19) L5 Aroclor-1248	11.10	15.79	7209	3050	268.323	202.453

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1259F.D Vial: 76
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1259F.D\E1A1259R.D
 Acq On : 31 Jul 97 10:51 PM Operator: JS
 Sample : ar1660c3,ar1660c3,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:43 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.41	16.31f	5075	886	227.120	37.154 #
21) L5 Aroclor-1248 {3}	0.00	16.53	0	1561	N.D.	62.697 #
Total Aroclor-1248			12284	5497	495.443	302.304
Average Aroclor-1248					247.721	100.768
22) L6 Aroclor-1254	0.00	18.58	0	810	N.D.	23.039 #
23) L6 Aroclor-1254 {2}	14.55	18.95	8278	7120	109.418	92.391
24) L6 Aroclor-1254 {3}	15.04	0.00	13262	0	363.960	N.D. #
25) L6 Aroclor-1254 (4)	15.42	19.92	1557	14402	34.121	439.009 #
26) L6 Aroclor-1254 (5)	16.97	21.50	15027	12306	249.493	237.246
Total Aroclor-1254			38124	34639	756.993	791.686
Average Aroclor-1254					189.248	197.921
27) L7 Aroclor-1260	18.12	22.99	11531	8141	355.070	325.048
28) L7 Aroclor-1260 {2}	19.10	23.55	23642	20245	378.579	343.783
29) L7 Aroclor-1260 {3}	20.24	25.81	16262	8163	363.968	330.022
Total Aroclor-1260			51434	36549	1097.617	998.853
Average Aroclor-1260					365.872	332.951

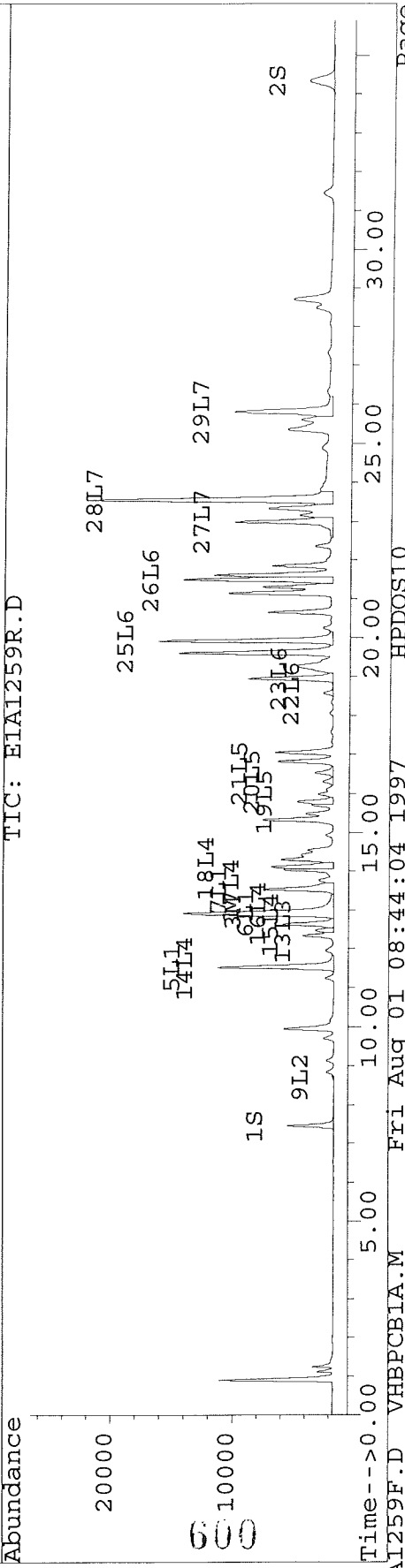
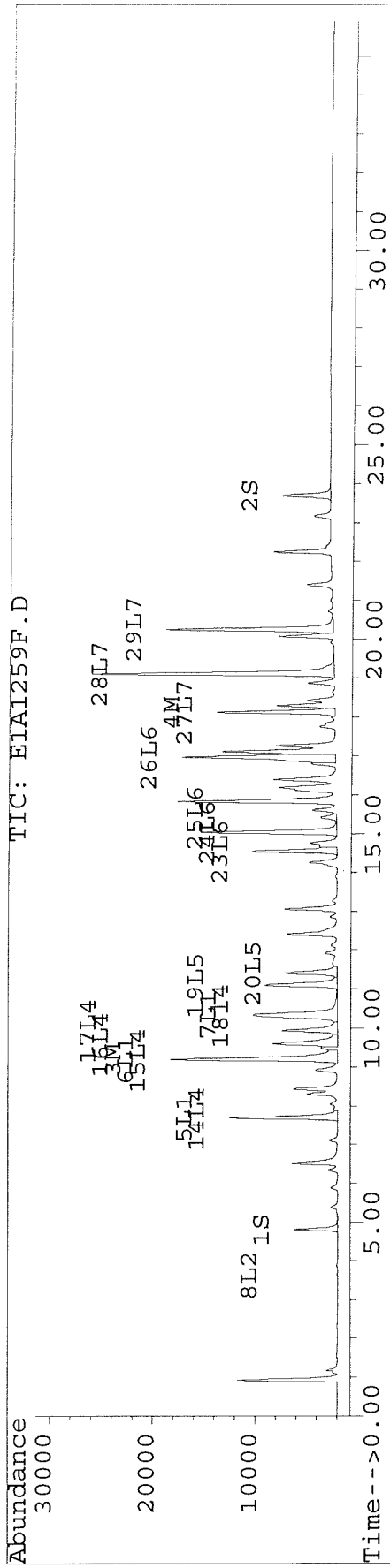
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1259F.D Vial: 76
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1259R.D
 Acq On : 31 Jul 97 10:51 PM Operator: JS
 Sample : ar1660c3,ar1660c3,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 8:43 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:28:51 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1264F.D Vial: 81
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1264F.D\E1A1264R.D
 Acq On : 01 Aug 97 02:10 AM Operator: JS
 Sample : ar1242c4,ar1242c4,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 9:04 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:59:37 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.86	7.53f	4461	4024	19.524	19.058
			Recovery	=	48.81%	47.65%
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	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	0.00	23.13	0	176	N.D.	1.067 #
5) L1 Aroclor-1016	7.77	11.62f	8229	7601	261.943	257.057
6) L1 Aroclor-1016 {2}	9.28f	0.00	12501	0	275.700	N.D. #
7) L1 Aroclor-1016 {3}	10.42f	13.64f	6349	4688	262.924	270.285
Total Aroclor-1016			27078	12289	800.567	527.342
Average Aroclor-1016					266.856	263.671
8) L2 Aroclor-1221	3.69	0.00	66	0	8.242	N.D. #
9) L2 Aroclor-1221 {2}	0.00	8.80f	0	119	N.D.	18.384 #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			66	119	8.242	18.384
Average Aroclor-1221					8.242	18.384
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	7.77	11.62	8229	7601	225.194	218.784
15) L4 Aroclor-1242 {2}	9.28	12.74	12501	3436	234.224	226.069
16) L4 Aroclor-1242 {3}	9.68	13.02	4947	9616	231.878	223.615
17) L4 Aroclor-1242 (4)	10.02	13.64	4117	4688	234.798	231.819
18) L4 Aroclor-1242 (5)	10.42	14.22	6349	4099	225.304	211.946
Total Aroclor-1242			36143	29440	1151.399	1112.233
Average Aroclor-1242					230.280	222.447
19) L5 Aroclor-1248	11.19	15.90	5932	2824	220.814	187.439

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1264F.D Vial: 81
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1264F.D\E1A1264R.D
 Acq On : 01 Aug 97 02:10 AM Operator: JS
 Sample : ar1242c4,ar1242c4,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 9:04 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:59:37 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.50	16.41	4616	4670	206.599	195.807
21) L5 Aroclor-1248 {3}	12.60	16.65	5886	5312	209.163	213.341
Total Aroclor-1248			16435	12806	636.575	596.587
Average Aroclor-1248					212.192	198.862
22) L6 Aroclor-1254	14.29	18.69	947	871	26.509	24.774
23) L6 Aroclor-1254 {2}	14.64	19.09	1628	1664	21.517	21.589
24) L6 Aroclor-1254 {3}	15.15	19.53	661	1055	18.152	22.052
25) L6 Aroclor-1254 (4)	15.52	0.00	1440	0	31.553	N.D. #
26) L6 Aroclor-1254 (5)	17.08	21.63	454	376	7.546	7.246
Total Aroclor-1254			5131	3966	105.277	75.662
Average Aroclor-1254					21.055	18.915
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
28) L7 Aroclor-1260 {2}	19.23f	0.00	39	0	0.618	N.D. #
29) L7 Aroclor-1260 {3}	20.37f	0.00	41	0	0.914	N.D. #
Total Aroclor-1260			79	0	1.533	N.D.
Average Aroclor-1260					0.766	0.000

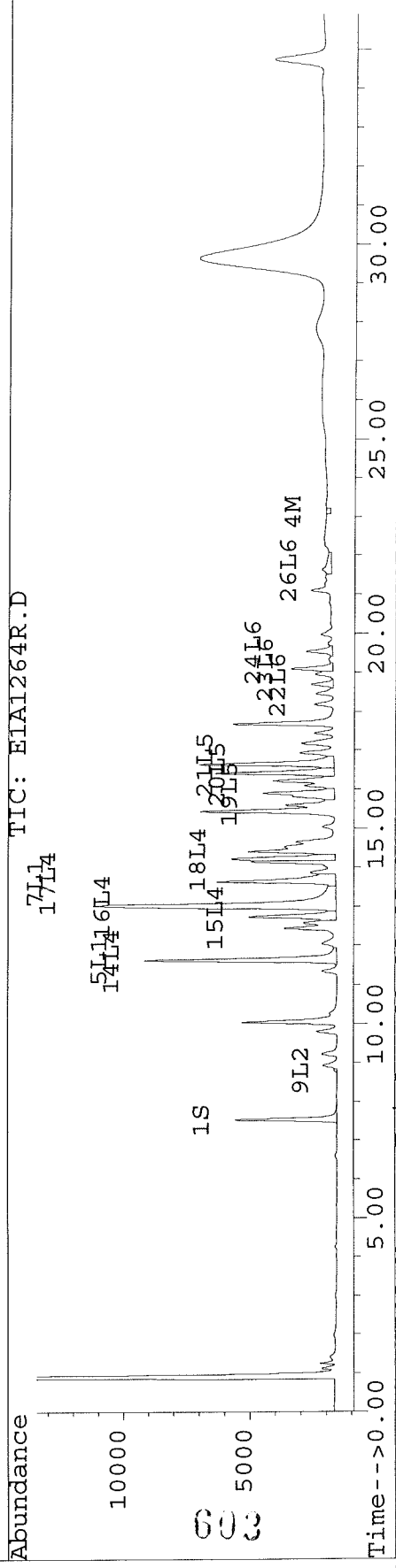
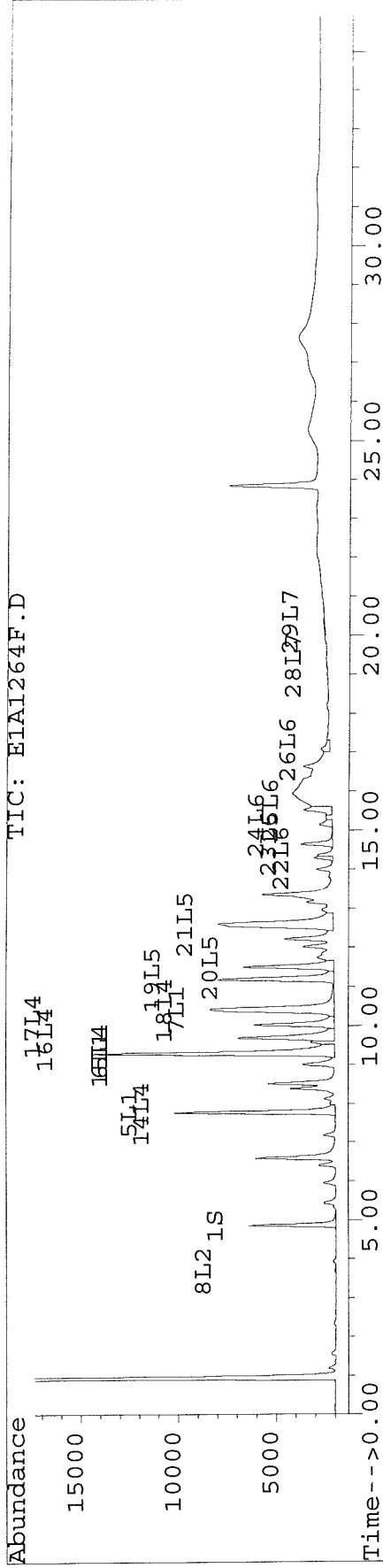
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1264F.D Vial: 81
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1264R.D
Acq On : 01 Aug 97 02:10 AM
Sample : ar1242c4,ar1242c4,,ar1242.sub
Misc : 2,,3
Quant Time: Aug 1 9:04 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Fri Aug 01 08:59:37 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1265F.D Vial: 82
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1265F.D\E1A1265R.D
 Acq On : 01 Aug 97 02:49 AM Operator: JS
 Sample : ar1248c4,ar1248c4,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 9:05 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:59:37 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase: DB-608
 Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.87	7.55	4783	4153	20.934	19.667
			Recovery	=	52.34%	49.17%
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	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	7.78	11.64	4300	3922	136.887	132.642
6) L1 Aroclor-1016 {2}	9.30	13.03f	7701	5896	169.847	159.409
7) L1 Aroclor-1016 {3}	10.43	13.66	10253	2181	424.628	125.717
Total Aroclor-1016			22255	11998	731.362	417.768
Average Aroclor-1016					243.787	139.256
8) L2 Aroclor-1221	3.69	0.00	29	0	3.587	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			29	0	3.587	N.D.
Average Aroclor-1221					3.587	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	7.78	11.64	4300	3922	117.683	112.893
15) L4 Aroclor-1242 {2}	9.30	12.76	7701	1190	144.296	78.264
16) L4 Aroclor-1242 {3}	9.70	13.03	2568	5896	120.381	137.108
17) L4 Aroclor-1242 (4)	10.03	13.66	2921	2181	166.545	107.826
18) L4 Aroclor-1242 (5)	10.43	14.24	10253	7162	363.871	370.337
Total Aroclor-1242			27744	20350	912.775	806.428
Average Aroclor-1242					182.555	161.286
19) L5 Aroclor-1248	11.20	15.92	9787	4991	364.288	331.275

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1265F.D Vial: 82
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1265F.D\E1A1265R.D
 Acq On : 01 Aug 97 02:49 AM Operator: JS
 Sample : ar1248c4,ar1248c4,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 9:05 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:59:37 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.52	16.43	7813	8642	349.656	362.325
21) L5 Aroclor-1248 {3}	12.61	16.66	10442	9041	371.033	363.104
Total Aroclor-1248			28042	22674	1084.977	1056.704
Average Aroclor-1248					361.659	352.235
22) L6 Aroclor-1254	14.30	18.71	2731	2694	76.415	76.614
23) L6 Aroclor-1254 {2}	14.66	19.11	4874	4943	64.422	64.144
24) L6 Aroclor-1254 {3}	15.16	19.55	1871	3308	51.341	69.141 #
25) L6 Aroclor-1254 (4)	15.53	0.00	3080	0	67.501	N.D. #
26) L6 Aroclor-1254 (5)	17.10	21.65	816	784	13.545	15.116
Total Aroclor-1254			13372	11730	273.223	225.013
Average Aroclor-1254					54.645	56.253
27) L7 Aroclor-1260	18.25	23.17f	279	250	8.596	10.001
28) L7 Aroclor-1260 {2}	19.24	0.00	151	0	2.424	N.D. #
29) L7 Aroclor-1260 {3}	20.38	0.00	98	0	2.196	N.D. #
Total Aroclor-1260			529	250	13.216	10.001
Average Aroclor-1260					4.405	10.001

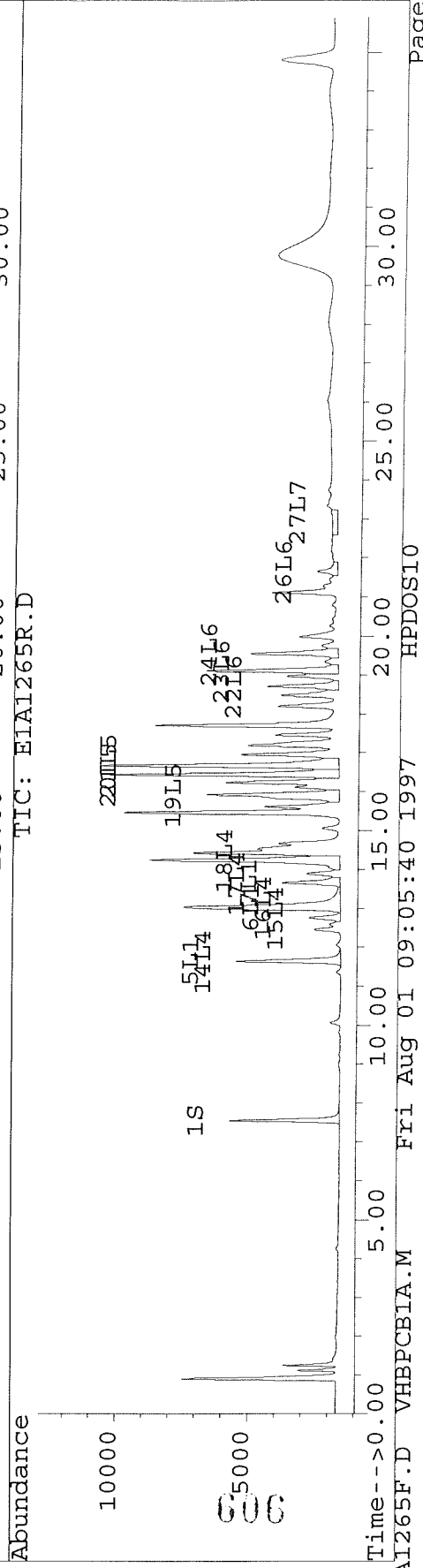
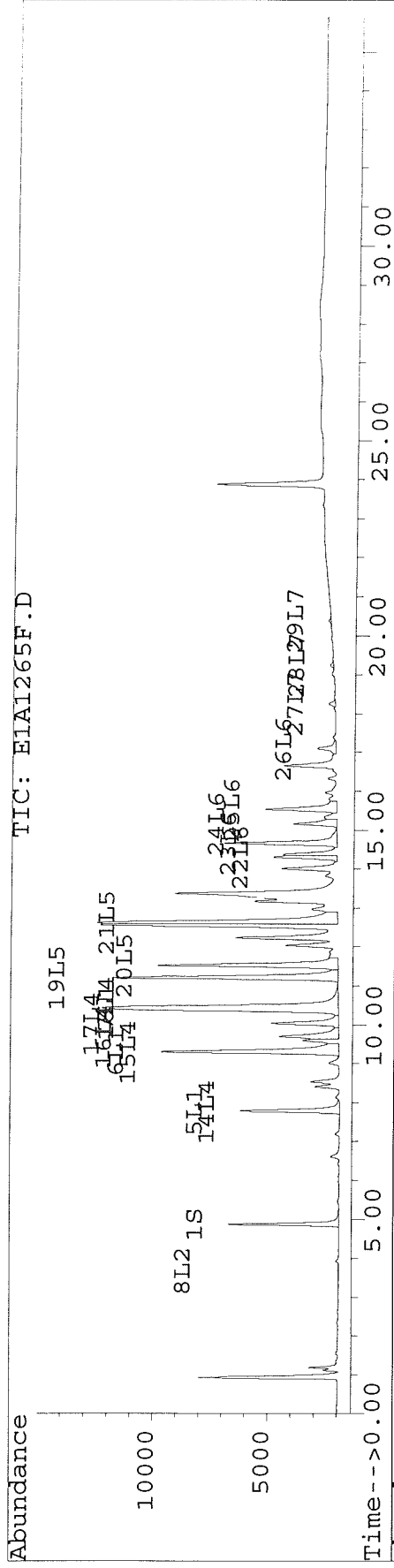
605

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1265F.D Vial: 82
Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1265R.D
Acq On : 01 Aug 97 02:49 AM
Sample : ar1248c4,ar1248c4,,ar1248.sub
Misc : 2,,3
Quant Time: Aug 1 9:05 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Fri Aug 01 08:59:37 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1266F.D Vial: 83
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1266F.D\E1A1266R.D
 Acq On : 01 Aug 97 03:29 AM Operator: JS
 Sample : ar1254c4,ar1254c4,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 9:05 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:59:37 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.87	7.55	3828	3405	16.756	16.127
			Recovery	=	41.89%	40.32%
2) S Decachlorobiphenyl	23.88	0.00	4017	0	16.509	N.D. #
			Recovery	=	41.27%	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	7.79	11.65	149	142	4.747	4.811
6) L1 Aroclor-1016 {2}	9.31	13.03f	203	177	4.473	4.780
7) L1 Aroclor-1016 {3}	0.00	13.66	0	60	N.D.	3.477 #
Total Aroclor-1016			352	379	9.220	13.069
Average Aroclor-1016					4.610	4.356
8) L2 Aroclor-1221	3.69	0.00	50	0	6.176	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			50	0	6.176	N.D.
Average Aroclor-1221					6.176	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	7.79	11.65	149	142	4.081	4.095
15) L4 Aroclor-1242 {2}	9.31	12.76	203	59	3.800	3.881
16) L4 Aroclor-1242 {3}	9.73f	13.03	88	177	4.113	4.112
17) L4 Aroclor-1242 (4)	10.04	13.66	70	60	3.999	2.982 #
18) L4 Aroclor-1242 (5)	10.39	14.25	5323	4462	188.911	230.731
Total Aroclor-1242			5833	4901	204.904	245.801
Average Aroclor-1242					40.981	49.160
19) L5 Aroclor-1248	11.20	15.93	2665	742	99.206	49.261 #

607

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1266F.D Vial: 83
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1266F.D\E1A1266R.D
 Acq On : 01 Aug 97 03:29 AM Operator: JS
 Sample : ar1254c4,ar1254c4,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 9:05 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:59:37 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.52	16.44	929	3458	41.581	144.964 #
21) L5 Aroclor-1248 {3}	0.00	16.67	0	1142	N.D.	45.883 #
Total Aroclor-1248			3594	5342	140.787	240.108
Average Aroclor-1248					70.394	80.036
22) L6 Aroclor-1254	14.30	18.71	6528	6152	182.669	174.942
23) L6 Aroclor-1254 {2}	14.66	19.11	14100	13441	186.376	174.407
24) L6 Aroclor-1254 {3}	15.16	19.55	6879	8773	188.792	183.381
25) L6 Aroclor-1254 (4)	15.53	20.06	8712	5991	190.901	182.617
26) L6 Aroclor-1254 (5)	17.10	21.65	11155	9078	185.206	175.022
Total Aroclor-1254			47374	43436	933.944	890.369
Average Aroclor-1254					186.789	178.074
27) L7 Aroclor-1260	18.25	23.17f	3367	492	103.696	19.627 #
28) L7 Aroclor-1260 {2}	19.25	23.75f	1635	1177	26.187	19.991
29) L7 Aroclor-1260 {3}	20.39	0.00	1134	0	25.379	N.D. #
Total Aroclor-1260			6137	1669	155.263	39.618
Average Aroclor-1260					51.754	19.809

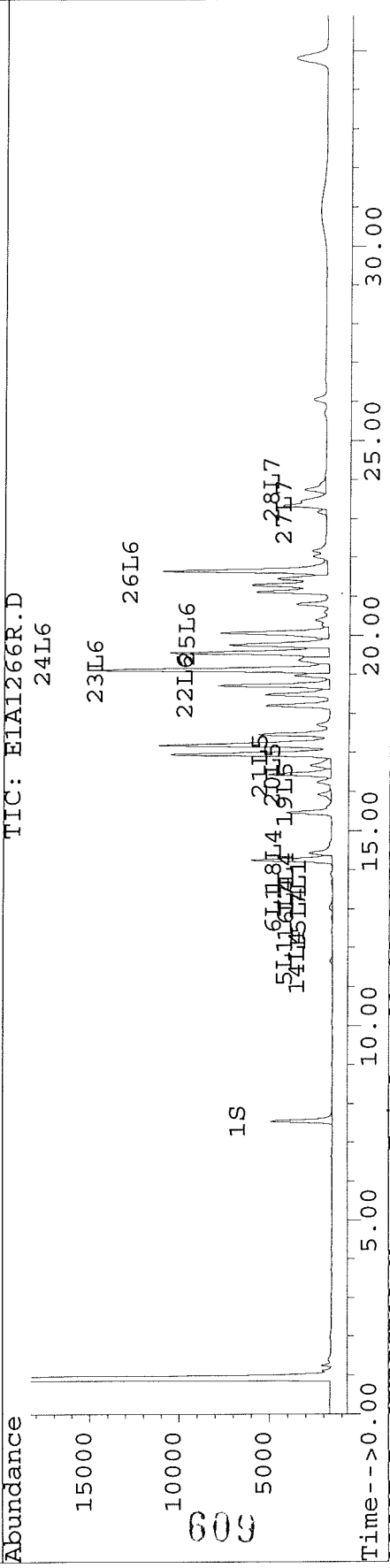
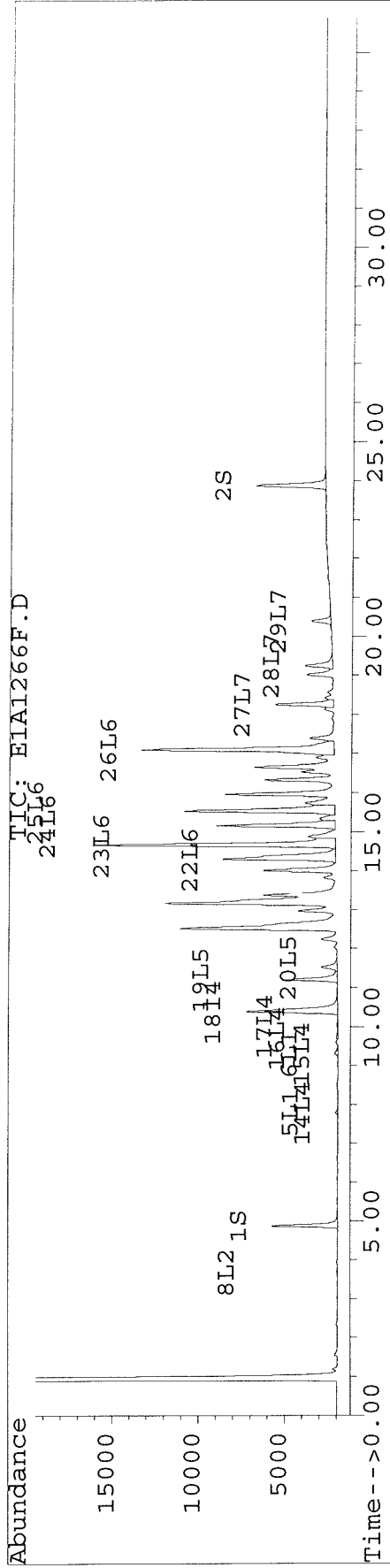
608

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1266F.D Vial: 83
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1266R.D
 Acq On : 01 Aug 97 03:29 AM
 Sample : ar1254c4,ar1254c4,,ar1254.sub
 Misc : 2,,3
 Quant Time: Aug 1 9:05 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:59:37 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1267F.D Vial: 84
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1267F.D\E1A1267R.D
 Acq On : 01 Aug 97 04:08 AM Operator: JS
 Sample : ar1660c4,ar1660c4,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 9:06 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:59:37 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.88	7.57	4187	3942	18.326	18.668
			Recovery	=	45.82%	46.67%
2) S Decachlorobiphenyl	23.93	34.94	4701	2018	19.318	17.800
			Recovery	=	48.30%	44.50%
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	7.80	11.67	10640	9865	338.690	333.626
6) L1 Aroclor-1016 {2}	9.32	13.07	16436	12685	362.497	342.986
7) L1 Aroclor-1016 {3}	10.46	13.68	8350	6030	345.810	347.678
Total Aroclor-1016			35426	28580	1046.997	1024.290
Average Aroclor-1016					348.999	341.430
8) L2 Aroclor-1221	3.71	0.00	52	0	6.549	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	6.549	N.D.
Average Aroclor-1221					6.549	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	12.48	0	2650	N.D.	172.570 #
Total Aroclor-1232			0	2650	N.D.	172.570
Average Aroclor-1232					0.000	172.570
14) L4 Aroclor-1242	7.80f	11.67f	10640	9865	291.174	283.953
15) L4 Aroclor-1242 {2}	9.32f	12.78f	16436	4398	307.963	289.351
16) L4 Aroclor-1242 {3}	9.72f	0.00	6470	0	303.267	N.D. #
17) L4 Aroclor-1242 (4)	10.06f	0.00	5452	0	310.920	N.D. #
18) L4 Aroclor-1242 (5)	10.46f	0.00	8350	0	296.330	N.D. #
Total Aroclor-1242			47349	14263	1509.655	573.304
Average Aroclor-1242					301.931	286.652
19) L5 Aroclor-1248	11.23	15.96	7252	3145	269.938	208.790

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1267F.D Vial: 84
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1267F.D\E1A1267R.D
 Acq On : 01 Aug 97 04:08 AM Operator: JS
 Sample : ar1660c4,ar1660c4,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 1 9:06 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:59:37 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	11.55	16.47f	5185	906	232.029	37.999 #
21) L5 Aroclor-1248 {3}	0.00	16.70f	0	1608	N.D.	64.597 #
Total Aroclor-1248			12437	5660	501.967	311.386
Average Aroclor-1248					250.984	103.795
22) L6 Aroclor-1254	0.00	18.75f	0	827	N.D.	23.522 #
23) L6 Aroclor-1254 {2}	14.70f	19.13	8519	7264	112.610	94.259
24) L6 Aroclor-1254 {3}	15.19	0.00	13464	0	369.506	N.D. #
25) L6 Aroclor-1254 (4)	15.58f	20.10f	1581	14728	34.639	448.942 #
26) L6 Aroclor-1254 (5)	17.13	21.69f	15336	12670	254.627	244.263
Total Aroclor-1254			38900	35490	771.382	810.986
Average Aroclor-1254					192.846	202.746
27) L7 Aroclor-1260	18.28	23.22	11726	8136	361.074	324.842
28) L7 Aroclor-1260 {2}	19.27	23.79	24314	20054	389.350	340.541
29) L7 Aroclor-1260 {3}	20.42	26.13	16558	8069	370.579	326.223
Total Aroclor-1260			52597	36259	1121.003	991.605 ✓
Average Aroclor-1260					373.668	330.535

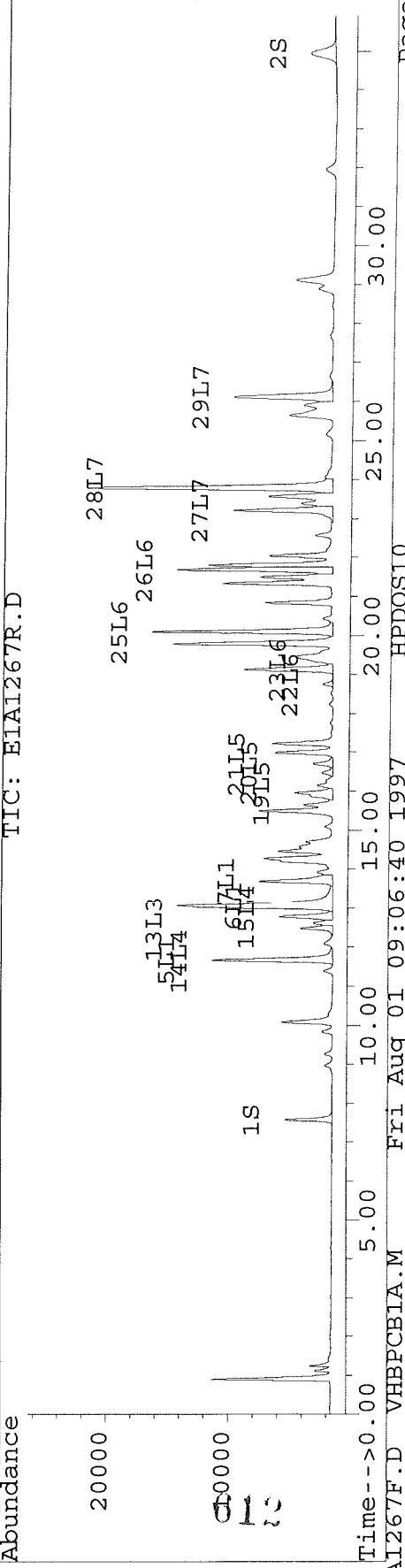
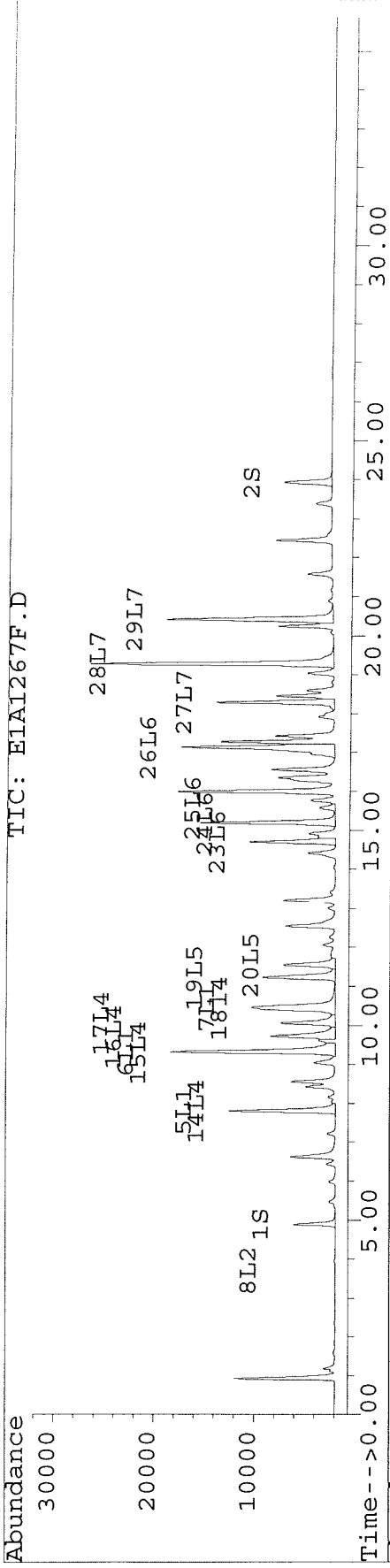
611

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1267F.D Vial: 84
 Signal #2 : C:\HPCHEM\5\DATA\JULY97\970729\E1A1267R.D
 Acq On : 01 Aug 97 04:08 AM
 Sample : ar1660c4,ar1660c4,,ar1660.sub
 Misc : 2,,,3
 Quant Time: Aug 1 9:06 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Fri Aug 01 08:59:37 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1288F.D Vial: 3
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1288F.D\E1A1288R.D
 Acq On : 02 Aug 97 07:43 PM Operator: JS/GML
 Sample : ar1242c,ar1242c,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.37	6.86	5010	4344	21.929	20.573
			Recovery	=	54.82%	51.43%
2) S Decachlorobiphenyl	22.68	31.78	5286	2370	21.723	20.901
			Recovery	=	54.31%	52.25%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.16	12041	9604	134.974	108.703
4) M 2,2',3,3',4,4'-Hexa	17.32	22.15	185	177	1.016	1.078
5) L1 Aroclor-1016	7.12	10.80	8177	7715	260.276	260.935
6) L1 Aroclor-1016 {2}	8.57	12.16	12041	9604	265.564	259.666
7) L1 Aroclor-1016 {3}	9.68	12.76	6629	4387	274.548	252.923
Total Aroclor-1016			26847	21706	800.388	773.523
Average Aroclor-1016					266.796	257.841
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	7.12	10.80	8177	7715	223.762	222.085
15) L4 Aroclor-1242 {2}	8.57	11.88	12041	3574	225.613	235.147
16) L4 Aroclor-1242 {3}	8.96	12.16	4889	9604	229.189	223.339
17) L4 Aroclor-1242 (4)	9.29	12.76	4014	4387	228.915	216.928
18) L4 Aroclor-1242 (5)	9.68	13.34	6629	4507	235.264	233.024
Total Aroclor-1242			35751	297870 ^{ok}	1142.743	1130.523 ^{ok}
Average Aroclor-1242					228.549	226.105
19) L5 Aroclor-1248	10.42	14.97	5956	3015	221.711	200.159

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1288F.D Vial: 3
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1288F.D\E1A1288R.D
 Acq On : 02 Aug 97 07:43 PM Operator: JS/GML
 Sample : ar1242c,ar1242c,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	4593	4437	205.539	186.009
21) L5 Aroclor-1248 {3}	11.80	15.71	5705	5031	202.714	202.052
Total Aroclor-1248			16254	12483	629.964	588.220
Average Aroclor-1248					209.988	196.073
22) L6 Aroclor-1254	13.46	17.72	937	943	26.225	26.811
23) L6 Aroclor-1254 {2}	13.80	18.11	1604	1834	21.204	23.801
24) L6 Aroclor-1254 {3}	14.29	18.55	643	1079	17.639	22.556 #
25) L6 Aroclor-1254 (4)	14.66	0.00	921	0	20.175	N.D. #
26) L6 Aroclor-1254 (5)	16.20	20.60	391	385	6.493	7.425
Total Aroclor-1254			4496	4241	91.736	80.593
Average Aroclor-1254					18.347	20.148
27) L7 Aroclor-1260	17.32	21.99	185	144	5.696	5.752
28) L7 Aroclor-1260 {2}	18.29	22.49	243	442	3.891	7.505 #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			428	586	9.587	13.257
Average Aroclor-1260					4.793	6.629

KC

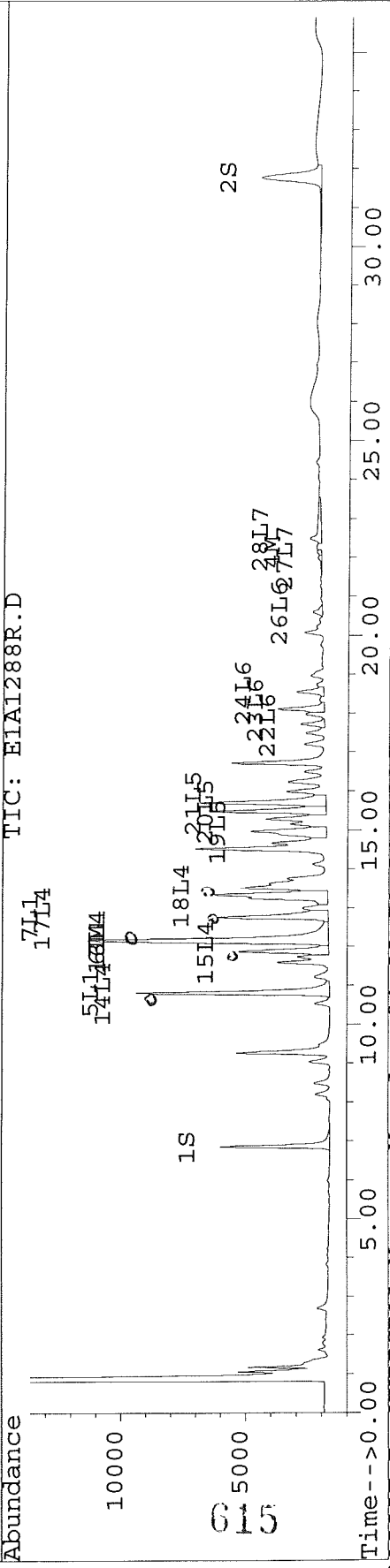
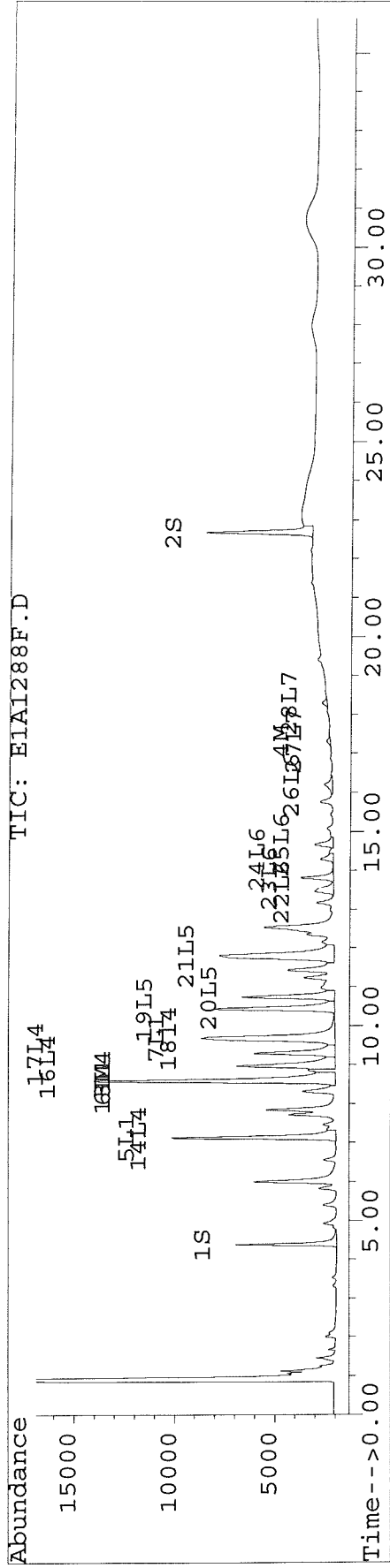
614

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1288F.D Vial: 3
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1288F.D
 Acq On : 02 Aug 97 07:43 PM Operator: JS/GML
 Sample : ar1242c,ar1242c,,ar1242.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1289F.D Vial: 4
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1289F.D\E1A1289R.D
 Acq On : 02 Aug 97 08:23 PM Operator: JS/GML
 Sample : ar1248c1,ar1248c1,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.86	4447	4058	19.465	19.219
			Recovery	=	48.66%	48.05%
2) S Decachlorobiphenyl	22.68	31.78	4393	2079	18.054	18.342
			Recovery	=	45.14%	45.86%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.16	6908	5732	77.431	64.875
4) M 2,2',3,3',4,4'-Hexa	17.32	22.14	287	337	1.577	2.045 #
5) L1 Aroclor-1016	7.12	10.81	4016	3863	127.851	130.651
6) L1 Aroclor-1016 {2}	8.58	12.16	6908	5732	152.346	154.971
7) L1 Aroclor-1016 {3}	9.67	12.76	10109	2027	418.657	116.881 #
Total Aroclor-1016			21033	11622	698.854	402.503
Average Aroclor-1016					232.951	134.168
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52	0.00	42	0	6.132	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			42	0	6.132	N.D.
Average Aroclor-1221					6.132	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	7.12	10.81	4016	3863	109.914	111.198
15) L4 Aroclor-1242 {2}	8.58	11.88	6908	1215	129.427	79.931 #
16) L4 Aroclor-1242 {3}	8.96	12.16	2430	5732	113.920	133.291
17) L4 Aroclor-1242 (4)	9.28	12.76	2719	2027	155.062	100.247 #
18) L4 Aroclor-1242 (5)	9.67	13.34	10109	7134	358.754	368.880
Total Aroclor-1242			26183	19971	867.078	793.548
Average Aroclor-1242					173.416	158.710
19) L5 Aroclor-1248	10.42	14.98	9085	4807	338.168	319.053

616

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1289F.D Vial: 4
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1289F.D\E1A1289R.D
 Acq On : 02 Aug 97 08:23 PM Operator: JS/GML
 Sample : ar1248c1,ar1248c1,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	7261	7673	324.945	321.678
21) L5 Aroclor-1248 {3}	11.80	15.71	9592	7831	340.852	314.515
Total Aroclor-1248			25938	20310	1003.965	955.246
Average Aroclor-1248					334.655	318.415
22) L6 Aroclor-1254	13.45	17.71	2489	2426	69.641	68.996
23) L6 Aroclor-1254 {2}	13.80	18.11	4299	4540	56.831	58.905
24) L6 Aroclor-1254 {3}	14.28	18.55	1635	2809	44.859	58.706 #
25) L6 Aroclor-1254 (4)	14.66	0.00	2543	0	55.735	N.D. #
26) L6 Aroclor-1254 (5)	16.20	20.60	758	696	12.583	13.411
Total Aroclor-1254			11724	10470	239.649	200.017
Average Aroclor-1254					47.930	50.004
27) L7 Aroclor-1260	17.32	22.01	287	174	8.837	6.945
28) L7 Aroclor-1260 {2}	18.30	22.50	207	385	3.322	6.542 #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			494	559	12.159	13.487
Average Aroclor-1260					6.080	6.744

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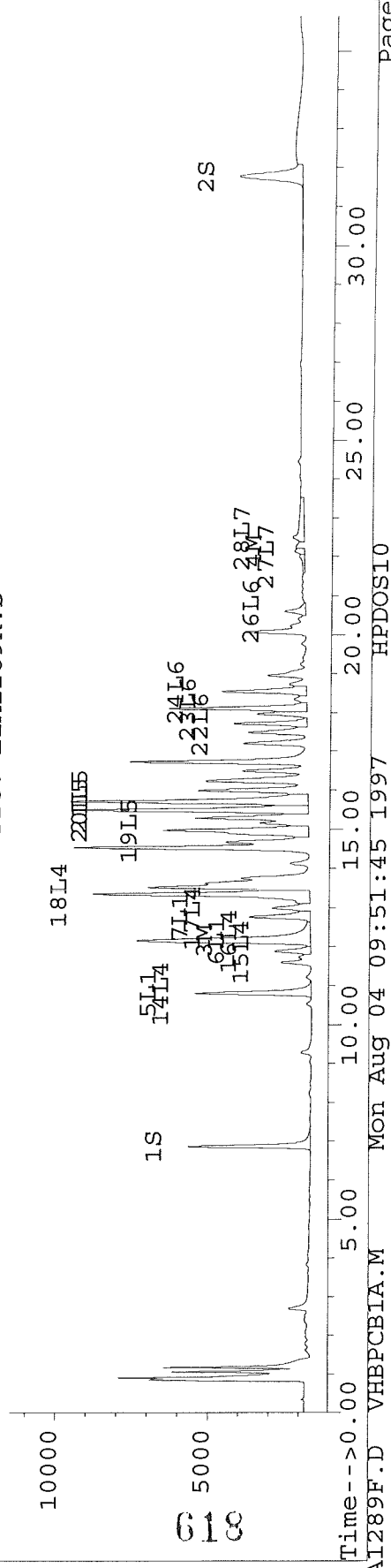
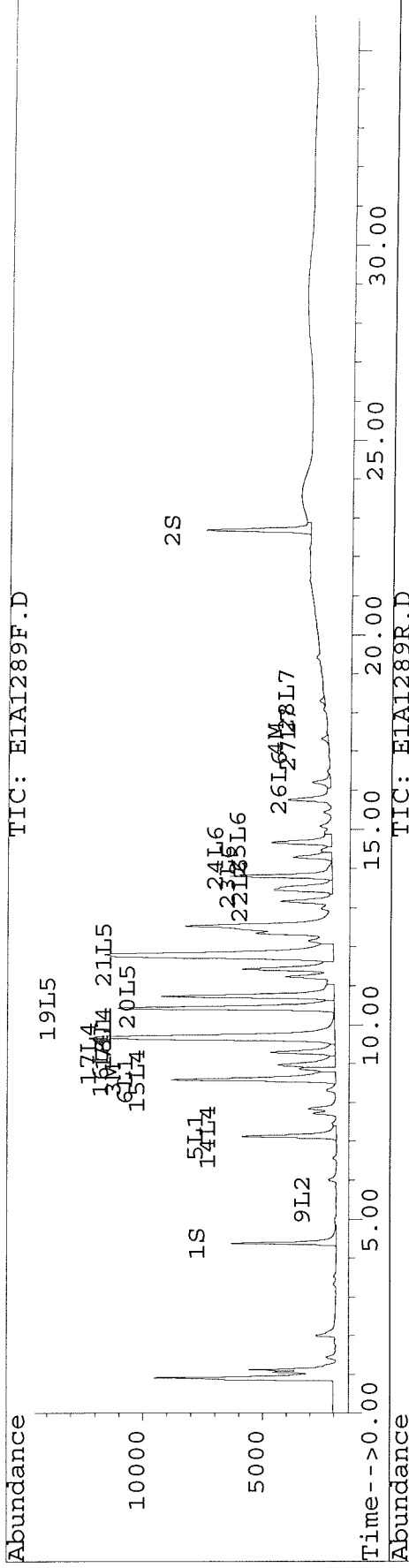
617

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1289F.D Vial: 4
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1289R.D
Acq On : 02 Aug 97 08:23 PM Operator: JS/GML
Sample : ar1248c1,ar1248c1,,ar1248.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 4 9:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 09:50:13 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1290F.D Vial: 5
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1290F.D\E1A1290R.D
 Acq On : 02 Aug 97 09:02 PM Operator: JS/GML
 Sample : ar1254c1,ar1254c1,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.37	6.86	4532	4062	19.837	19.237
			Recovery	=	49.59%	48.09%
2) S Decachlorobiphenyl	22.68	31.78	4394	2035	18.057	17.954
			Recovery	=	45.14%	44.89%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.59	12.16	230	230	2.578	2.601
4) M 2,2',3,3',4,4'-Hexa	17.32	22.14	3277	2709	18.006	16.455
5) L1 Aroclor-1016	7.13	10.81	166	169	5.289	5.714
6) L1 Aroclor-1016 {2}	8.59	12.16	230	230	5.072	6.213
7) L1 Aroclor-1016 {3}	9.63f	12.77	5749	78	238.073	4.502 #
Total Aroclor-1016			6145	477	248.434	16.429
Average Aroclor-1016					82.811	5.476
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52	0.00	34	0	4.987	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			34	0	4.987	N.D.
Average Aroclor-1221					4.987	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	7.13	10.81	166	169	4.547	4.863
15) L4 Aroclor-1242 {2}	8.59	11.89	230	78	4.309	5.148
16) L4 Aroclor-1242 {3}	8.97	12.16	87	230	4.074	5.344 #
17) L4 Aroclor-1242 (4)	9.29	12.77	80	78	4.560	3.861
18) L4 Aroclor-1242 (5)	9.63f	13.35	5749	5286	204.009	273.323 #
Total Aroclor-1242			6312	5841	221.499	292.539
Average Aroclor-1242					44.300	58.508
19) L5 Aroclor-1248	10.42	14.98	2823	830	105.073	55.062 #

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1290F.D Vial: 5
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1290F.D\E1A1290R.D
 Acq On : 02 Aug 97 09:02 PM Operator: JS/GML
 Sample : ar1254c1,ar1254c1,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	1024	3501	45.849	146.761 #
21) L5 Aroclor-1248 {3}	0.00	15.71	0	1194	N.D.	47.954 #
Total Aroclor-1248			3847	5524	150.922	249.777
Average Aroclor-1248					75.461	83.259
22) L6 Aroclor-1254	13.45	17.71	6680	6535	186.909	185.818
23) L6 Aroclor-1254 {2}	13.80	18.10	14041	14277	185.604	185.247
24) L6 Aroclor-1254 {3}	14.29	18.54	6894	8601	189.207	179.775
25) L6 Aroclor-1254 (4)	14.66	19.05	8353	6223	183.036	189.687
26) L6 Aroclor-1254 (5)	16.19	20.60	10811	9229	179.492	177.930
Total Aroclor-1254			46779	44864	<u>924.248</u>	<u>918.458</u> OK
Average Aroclor-1254				OK	184.850	183.692
27) L7 Aroclor-1260	17.32	22.00	3277	643	100.907	25.661 #
28) L7 Aroclor-1260 {2}	18.30	22.50	1650	1512	26.422	25.668
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			4927	2154	127.329	51.329
Average Aroclor-1260					63.665	25.664

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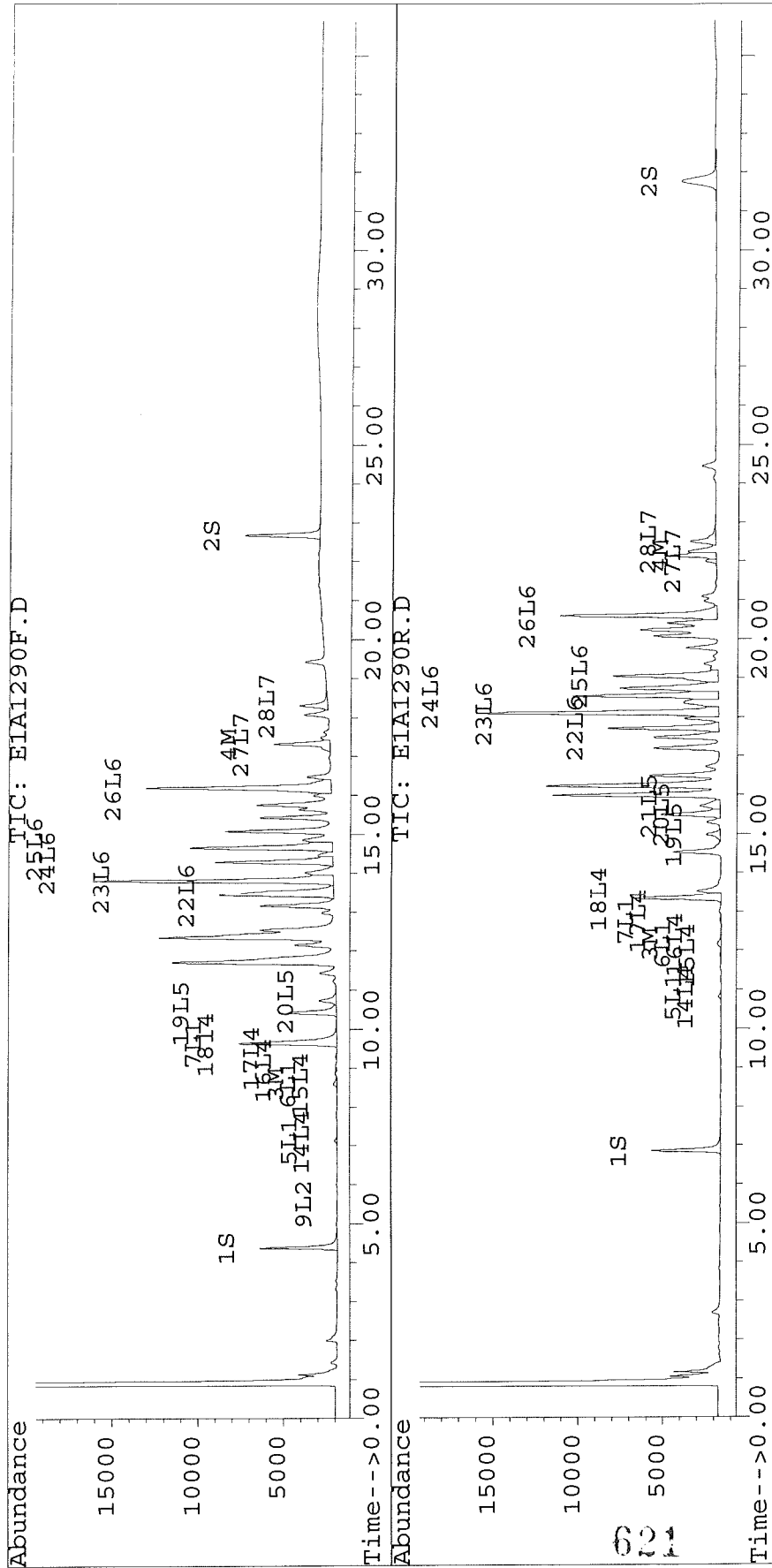
620

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1290F.D Vial: 5
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1290F.D\E1A1290R.D
 Acq On : 02 Aug 97 09:02 PM Operator: JS/GML
 Sample : ar1254c1,ar1254c1,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1291F.D Vial: 6
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1291F.D\E1A1291R.D
 Acq On : 02 Aug 97 09:42 PM Operator: JS/GML
 Sample : ar1660c5,ar1660c5,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 10:03 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.37	6.86	4746	4158	20.772	19.690
			Recovery	=	51.93%	49.23%
2) S Decachlorobiphenyl	22.68	31.78	4792	2279	19.693	20.105
			Recovery	=	49.23%	50.26%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.16	15384	12568	172.448	142.259
4) M 2,2',3,3',4,4'-Hexa	17.32	22.15	10668	2618	58.620	15.906 #
5) L1 Aroclor-1016	7.12	10.80	10435	9948	332.179	336.441
6) L1 Aroclor-1016 {2}	8.57	12.16	15384	12568	339.294	339.823
7) L1 Aroclor-1016 {3}	9.68	12.76	8457	5661	350.225	326.381 OK
Total Aroclor-1016			34276	28177	1021.697	1002.646
Average Aroclor-1016				OK	340.566	334.215
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	7.12	10.80	10435	9948	285.577	286.349
15) L4 Aroclor-1242 {2}	8.57	11.88	15384	4529	288.250	297.912
16) L4 Aroclor-1242 {3}	8.96	12.16	6193	12568	290.300	292.283
17) L4 Aroclor-1242 (4)	9.29	12.76	5174	5661	295.077	279.932
18) L4 Aroclor-1242 (5)	9.68	13.34	8457	5652	300.113	292.262
Total Aroclor-1242			45644	38358	1459.317	1448.739
Average Aroclor-1242					291.863	289.748
19) L5 Aroclor-1248	10.42	14.97	7116	3113	264.880	206.662

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1291F.D Vial: 6
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1291F.D\E1A1291R.D
 Acq On : 02 Aug 97 09:42 PM Operator: JS/GML
 Sample : ar1660c5,ar1660c5,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 10:03 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	5062	867	226.564	36.343 #
21) L5 Aroclor-1248 {3}	0.00	15.70	0	1542	N.D.	61.917 #
Total Aroclor-1248			12179	5522	491.443	304.922
Average Aroclor-1248					245.722	101.641
22) L6 Aroclor-1254	0.00	17.72	0	802	N.D.	22.811 #
23) L6 Aroclor-1254 {2}	13.81	18.09	7908	7248	104.529	94.053
24) L6 Aroclor-1254 {3}	14.29	0.00	12719	0	349.060	N.D. #
25) L6 Aroclor-1254 (4)	14.67	19.05	1508	13676	33.051	416.856 #
26) L6 Aroclor-1254 (5)	16.19	20.60	13731	11633	227.978	224.269
Total Aroclor-1254			35866	33359	714.618	757.988
Average Aroclor-1254					178.655	189.497
27) L7 Aroclor-1260	17.32	22.00	10668	8617	328.513	344.031
28) L7 Aroclor-1260 {2}	18.30	22.50	21013	21216	336.483	360.274
29) L7 Aroclor-1260 {3}	19.42f	24.45f	14700	8569	329.006m	346.437m
Total Aroclor-1260			46381	38401	994.002	1050.742 ok
Average Aroclor-1260					ok 331.334	350.247

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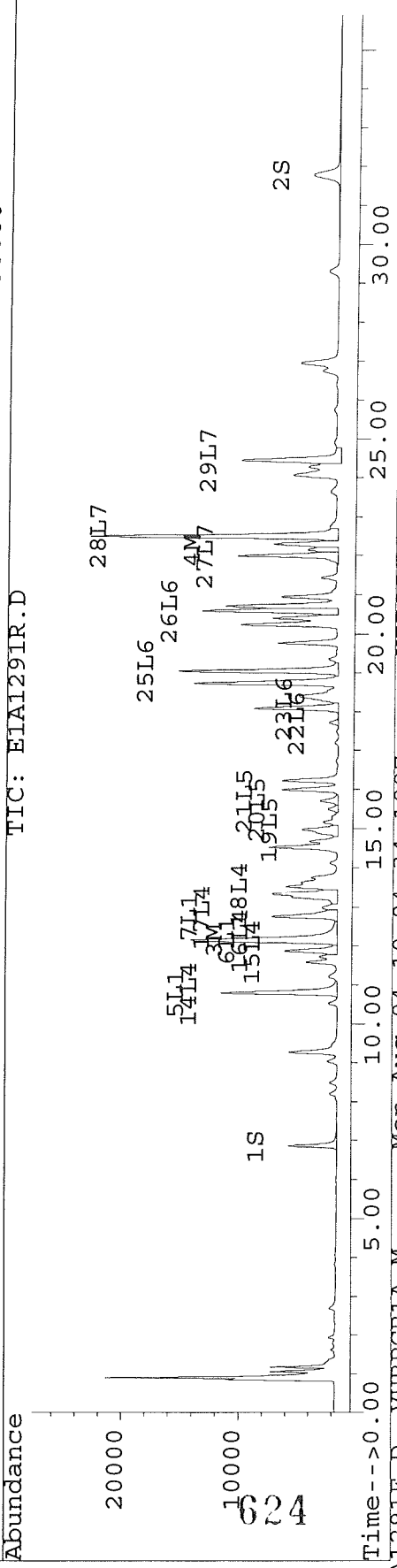
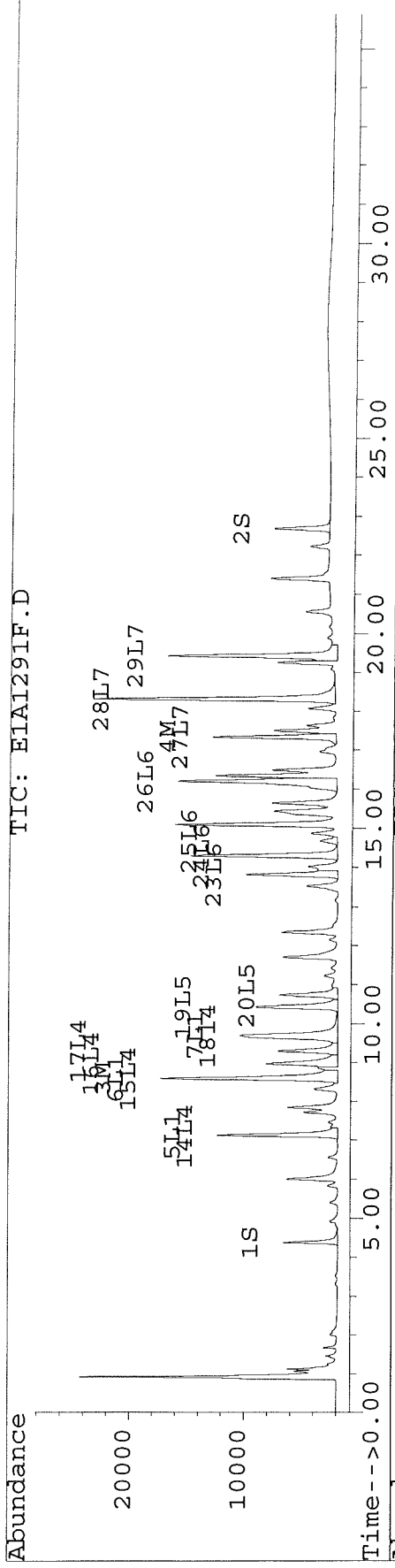
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Quantitation report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1291F.D Vial: 6
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1291F.D
Acq On : 02 Aug 97 09:42 PM Operator: JS/GML
Sample : ar1660c5,ar1660c5,,ar1660.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 4 10:03 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 09:50:13 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1292F.D Vial: 7
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1292F.D\E1A1292R.D
 Acq On : 02 Aug 97 10:21 PM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3g.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.86	2208	1959	9.663	9.278
			Recovery	=	24.16%	23.20%
2) S Decachlorobiphenyl	22.68	31.78	2326	1135	9.560	10.014
			Recovery	=	23.90%	25.04%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.17	87287	87043	<u>978.424</u>	<u>985.231</u> ^{ok}
4) M 2,2',3,3',4,4'-Hexa	17.32	22.14	169094	166821	<u>929.151</u>	<u>1013.498</u> ^{ok}
5) L1 Aroclor-1016	7.16f	0.00	96	0	3.043	N.D. #
6) L1 Aroclor-1016 {2}	8.57	12.17	87287	87043	1925.065	2353.481
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			87382	87043	1928.108	2353.481
Average Aroclor-1016					964.054	2353.481
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.51	0.00	47	0	6.878	N.D. #
10) L2 Aroclor-1221 {3}	6.08	0.00	52	0	2.797	N.D. #
Total Aroclor-1221			99	0	9.674	N.D.
Average Aroclor-1221					4.837	0.000
11) L3 Aroclor-1232	6.08	0.00	52	0	3.229	N.D. #
12) L3 Aroclor-1232 {2}	0.00	10.89f	0	94	N.D.	6.698 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			52	94	3.229	6.698
Average Aroclor-1232					3.229	6.698
14) L4 Aroclor-1242	7.16f	0.00	96	0	2.616	N.D. #
15) L4 Aroclor-1242 {2}	8.57	11.86	87287	103	1635.460	6.787 #
16) L4 Aroclor-1242 {3}	0.00	12.17	0	87043	N.D.	2024.235 #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			87382	87146	1638.076	2031.022
Average Aroclor-1242					819.038	1015.511
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

625

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1292F.D Vial: 7
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1292F.D\E1A1292R.D
 Acq On : 02 Aug 97 10:21 PM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.69	15.51	170	58	7.588	2.417 #
21) L5 Aroclor-1248 {3}	11.83f	15.72	50	83	1.774	3.323 #
Total Aroclor-1248			219	140	9.362	5.740
Average Aroclor-1248					4.681	2.870
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	13.83	0.00	80	0	1.055	N.D. #
24) L6 Aroclor-1254 {3}	14.28	0.00	630	0	17.276	N.D. #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	16.21	20.60	52	29	0.868	0.555 #
Total Aroclor-1254			762	29	19.199	0.555
Average Aroclor-1254					6.400	0.555
27) L7 Aroclor-1260	17.32	0.00	169094	0	5207.047	N.D. #
28) L7 Aroclor-1260 {2}	18.29	0.00	138	0	2.203	N.D. #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			169231	0	5209.251	N.D.
Average Aroclor-1260					2604.625	0.000

K

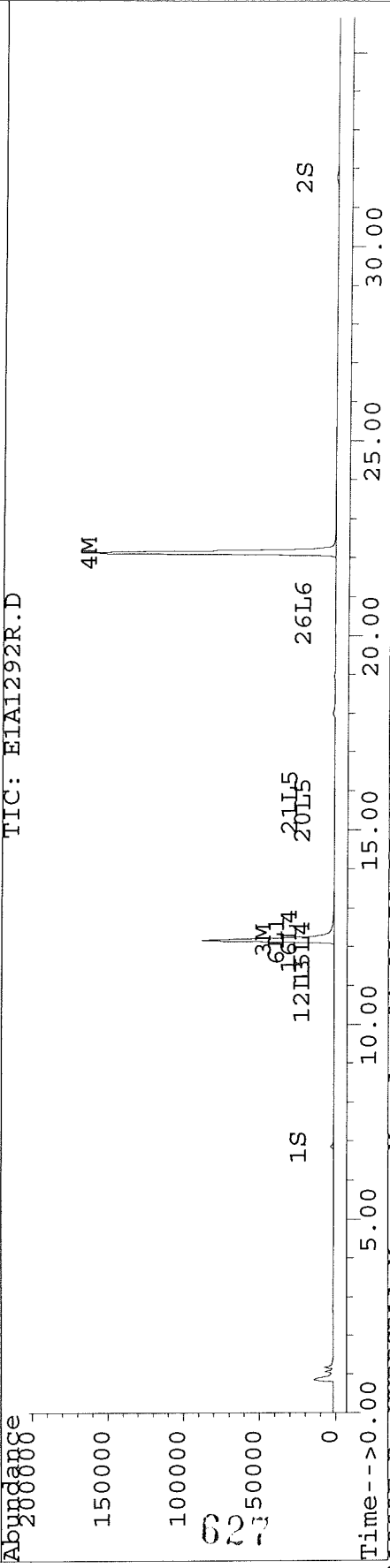
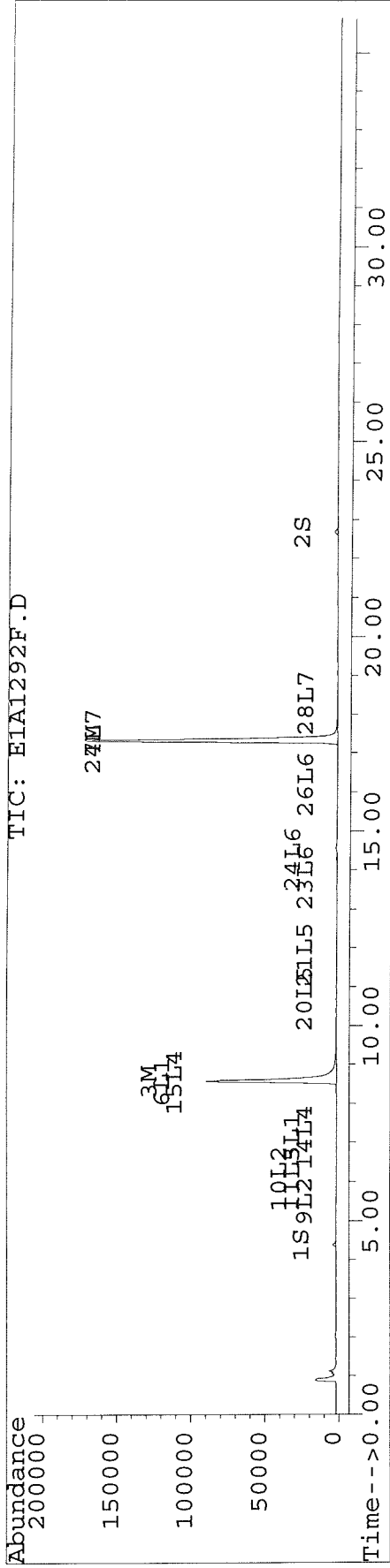
626

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1292F.D Vial: 7
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1292R.D
Acq On : 02 Aug 97 10:21 PM Operator: JS/GML
Sample : pcbcocg3D,pcbocg3D,,pcbocg.spk Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 4 9:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 09:50:13 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1293F.D Vial: 3
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1293F.D\E1A1293R.D
 Acq On : 02 Aug 97 11:01 PM Operator: JS/GML
 Sample : ar1242c,ar1242c,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.37	6.86	4888	4290	21.397	20.317
			Recovery	=	53.49%	50.79%
2) S Decachlorobiphenyl	22.68	31.78	4767	2136	19.590	18.839
			Recovery	=	48.98%	47.10%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.16	11788	9655	132.138	109.280
4) M 2,2',3,3',4,4'-Hexa	17.32	22.14	124	163	0.682	0.991 #
5) L1 Aroclor-1016	7.12	10.80	8156	7773	259.620	262.891
6) L1 Aroclor-1016 {2}	8.57	12.16	11788	9655	259.984	261.045
7) L1 Aroclor-1016 {3}	9.67	12.76	6574	4413	272.265	254.435
Total Aroclor-1016			26518	21841	791.869	778.370
Average Aroclor-1016					263.956	259.457
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	7.12	10.80	8156	7773	223.198	223.749
15) L4 Aroclor-1242 {2}	8.57	11.88	11788	3562	220.872	234.359
16) L4 Aroclor-1242 {3}	8.96	12.16	4771	9655	223.618	224.525
17) L4 Aroclor-1242 (4)	9.29	12.76	3929	4413	224.068	218.225
18) L4 Aroclor-1242 (5)	9.67	13.34	6574	4568	233.308	236.191
Total Aroclor-1242			35218	29971	1125.065	1137.050
Average Aroclor-1242					225.013	227.410
19) L5 Aroclor-1248	10.42	14.97	5908	2883	219.908	191.344

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1293F.D Vial: 3
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1293F.D\E1A1293R.D
 Acq On : 02 Aug 97 11:01 PM Operator: JS/GML
 Sample : ar1242c,ar1242c,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.48	4563	4417	204.202	185.166
21) L5 Aroclor-1248 {3}	11.80	15.71	5573	5016	198.044	201.460
Total Aroclor-1248			16044	12315	622.154	577.970
Average Aroclor-1248					207.385	192.657
22) L6 Aroclor-1254	13.46	17.72	938	872	26.240	24.784
23) L6 Aroclor-1254 {2}	13.80	18.11	1544	1681	20.408	21.814
24) L6 Aroclor-1254 {3}	14.29	18.55	615	955	16.884	19.967
25) L6 Aroclor-1254 (4)	14.66	0.00	889	0	19.476	N.D. #
26) L6 Aroclor-1254 (5)	16.20	20.60	255	221	4.239	4.267
Total Aroclor-1254			4241	3729	87.247	70.832
Average Aroclor-1254					17.449	17.708
27) L7 Aroclor-1260	17.32	0.00	124	0	3.822	N.D. #
28) L7 Aroclor-1260 {2}	18.31	22.50	45	113	0.722	1.927 #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			169	113	4.544	1.927
Average Aroclor-1260					2.272	1.927

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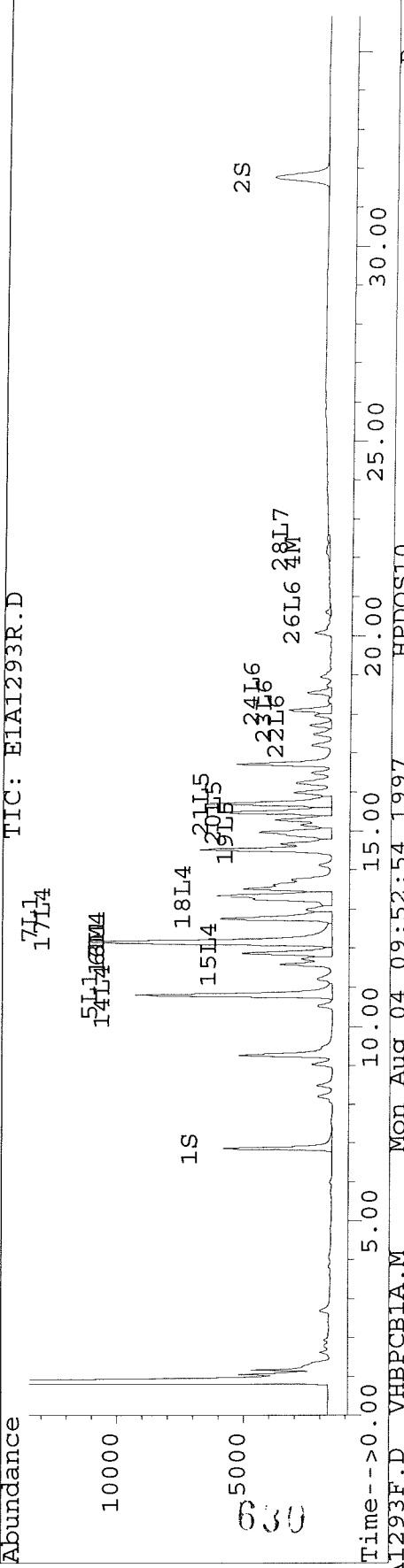
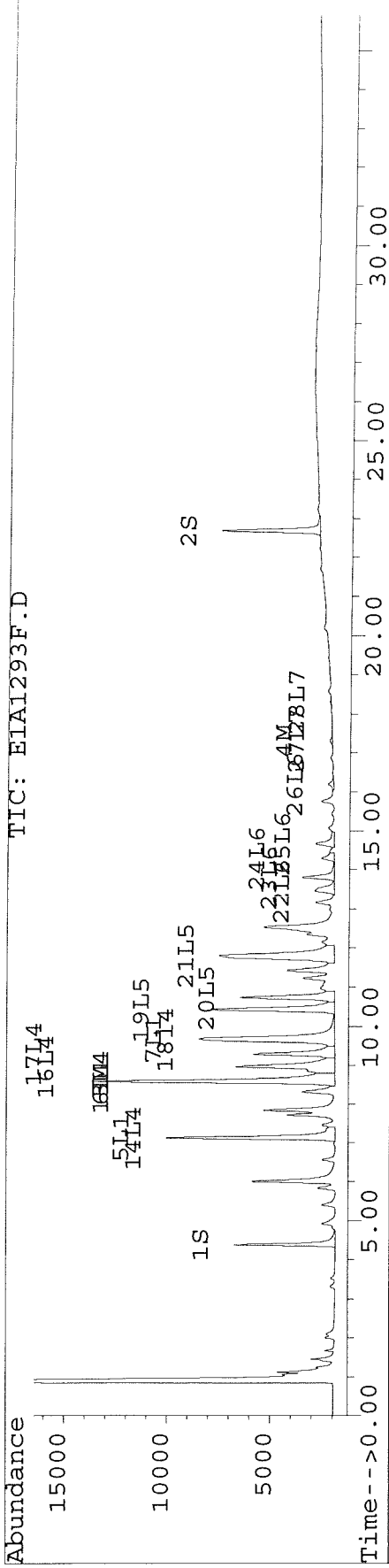
629

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1293F.D Vial: 3
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1293R.D
Acq On : 02 Aug 97 11:01 PM Operator: JS/GML
Sample : ar1242c,ar1242c,,ar1242.sub Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 4 9:52 1997

Method : C:\HPCHEM\5\METHODS\VHPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 09:50:13 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1294F.D Vial: 6
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1294F.D\E1A1294R.D
 Acq On : 02 Aug 97 11:41 PM Operator: JS/GML
 Sample : ar1660c5,ar1660c5,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 10:06 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.86	4313	3981	18.877	18.854
			Recovery	=	47.19%	47.14%
2) S Decachlorobiphenyl	22.68	31.77	4172	1915	17.146	16.889
			Recovery	=	42.87%	42.22%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.16	14363	11898	160.997	134.673
4) M 2,2',3,3',4,4'-Hexa	17.33	22.15	9714	2351	53.375	14.281 #
5) L1 Aroclor-1016	7.12	10.80	9911	9603	315.500	324.787
6) L1 Aroclor-1016 {2}	8.57	12.16	14363	11898	316.764	321.701
7) L1 Aroclor-1016 {3}	9.68	12.76	8174	5379	338.509	310.138
Total Aroclor-1016			32448	26881	970.773	956.626 OK
Average Aroclor-1016				OK	323.591	318.875
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	7.12	10.80	9911	9603	271.238	276.430
15) L4 Aroclor-1242 {2}	8.57	11.88	14363	4359	269.110	286.744
16) L4 Aroclor-1242 {3}	8.96	12.16	5815	11898	272.578	276.696
17) L4 Aroclor-1242 (4)	9.29	12.76	4839	5379	275.923	266.001
18) L4 Aroclor-1242 (5)	9.68	13.34	8174	5526	290.074	285.726
Total Aroclor-1242			43102	36765	1378.923	1391.596
Average Aroclor-1242					275.785	278.319
19) L5 Aroclor-1248	10.42	14.97	6697	2983	249.257	198.026

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1294F.D Vial: 6
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1294F.D\E1A1294R.D
 Acq On : 02 Aug 97 11:41 PM Operator: JS/GML
 Sample : ar1660c5,ar1660c5,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 10:06 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	4749	801	212.541	33.573 #
21) L5 Aroclor-1248 {3}	0.00	15.70	0	1452	N.D.	58.317 #
Total Aroclor-1248			11446	5236	461.798	289.916
Average Aroclor-1248					230.899	96.639
22) L6 Aroclor-1254	0.00	17.72	0	753	N.D.	21.403 #
23) L6 Aroclor-1254 {2}	13.81	18.09	7536	7017	99.619	91.054
24) L6 Aroclor-1254 {3}	14.29	0.00	11788	0	323.519	N.D. #
25) L6 Aroclor-1254 (4)	14.67	19.05	1382	12955	30.290	394.886 #
26) L6 Aroclor-1254 (5)	16.19	20.60	12603	10838	209.252	208.934
Total Aroclor-1254			33310	31562	662.680	716.277
Average Aroclor-1254					165.670	179.069
27) L7 Aroclor-1260	17.33	22.00	9714	7956	299.120	317.665
28) L7 Aroclor-1260 {2}	18.30	22.50	18937	18951	303.246	321.812
29) L7 Aroclor-1260 {3}	19.42f	24.45f	13117	7364	293.576m	297.720m
Total Aroclor-1260			41768	34271	895.942	937.196
Average Aroclor-1260					298.647	312.399

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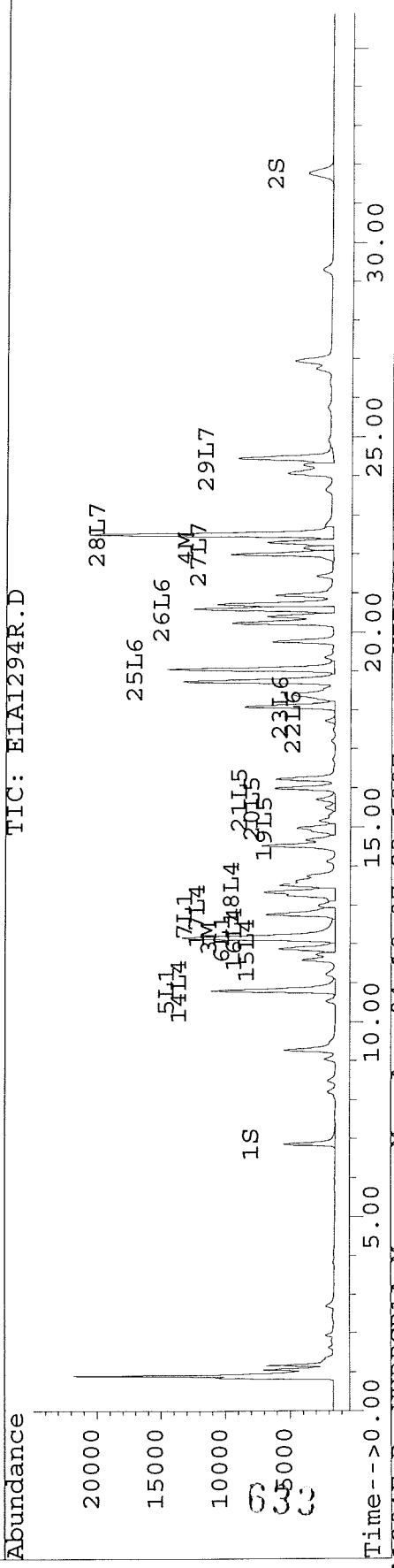
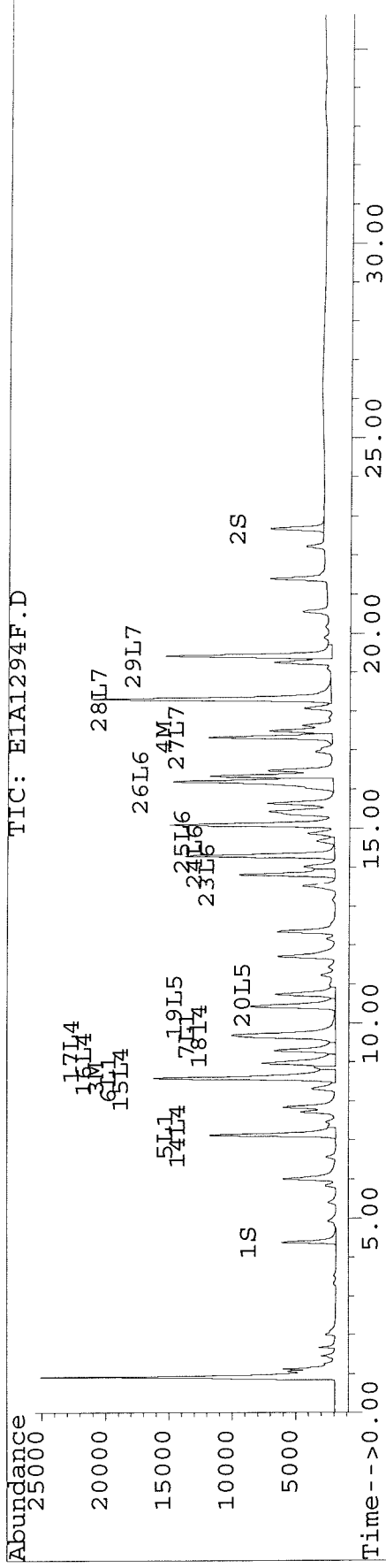
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1294F.D Vial: 6
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1294R.D
 Acq On : 02 Aug 97 11:41 PM Operator: JS/GML
 Sample : ar1660c5,ar1660c5,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 10:06 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1305F.D Vial: 18
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1305F.D\E1A1305R.D
 Acq On : 03 Aug 97 06:56 AM Operator: JS/GML
 Sample : pcbcog3D, pcbcog3D, , pcbcog.spk Inst : E1
 Misc : 2, , , 3 Multiplr: 1.00
 Quant Time: Aug 4 9:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.37	6.86	2080	1832	9.104	8.673
			Recovery	=	22.76%	21.68%
2) S Decachlorobiphenyl	22.68	31.78	2107	985	8.657	8.690
			Recovery	=	21.64%	21.73%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.17	84288	84771	944.816	959.513
4) M 2,2',3,3',4,4'-Hexa	17.32	22.13	160055	151133	879.485	918.186
5) L1 Aroclor-1016	7.16f	0.00	91	0	2.909	N.D. #
6) L1 Aroclor-1016 {2}	8.57	12.17	84288	84771	1858.939	2292.046
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			84380	84771	1861.848	2292.046
Average Aroclor-1016					930.924	2292.046
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52	0.00	46	0	6.803	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			46	0	6.803	N.D.
Average Aroclor-1221					6.803	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	7.28f	10.92	68	95	4.811	6.707 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			68	95	4.811	6.707
Average Aroclor-1232					4.811	6.707
14) L4 Aroclor-1242	7.16f	0.00	91	0	2.501	N.D. #
15) L4 Aroclor-1242 {2}	8.57	11.86	84288	61	1579.282	4.036 #
16) L4 Aroclor-1242 {3}	0.00	12.17	0	84771	N.D.	1971.395 #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			84380	84832	1581.783	1975.431
Average Aroclor-1242					790.891	987.715
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

634

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1305F.D Vial: 18
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1305F.D\E1A1305R.D
 Acq On : 03 Aug 97 06:56 AM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.69	0.00	222	0	9.955	N.D. #
21) L5 Aroclor-1248 {3}	11.83f	15.72	43	34	1.530	1.362
Total Aroclor-1248			266	34	11.485	1.362
Average Aroclor-1248					5.743	1.362
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	14.28	18.48f	516	199	14.149	4.151 #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			516	199	14.149	4.151
Average Aroclor-1254					14.149	4.151
27) L7 Aroclor-1260	17.32	0.00	160055	0	4928.717	N.D. #
28) L7 Aroclor-1260 {2}	18.33	0.00	246	0	3.933	N.D. #
29) L7 Aroclor-1260 {3}	19.56	0.00	842	0	18.836	N.D. #
Total Aroclor-1260			161143	0	4951.486	N.D.
Average Aroclor-1260					1650.495	0.000

635

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1306F.D Vial: 19
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1306F.D\E1A1306R.D
 Acq On : 03 Aug 97 07:35 AM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.37	6.86	4789	4091	20.961	19.371
			Recovery	=	52.40%	48.43%
2) S Decachlorobiphenyl	22.68	31.77	4200	1909	17.258	16.840
			Recovery	=	43.15%	42.10%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.16	11294	9166	126.600	103.747
4) M 2,2',3,3',4,4'-Hexa	17.32	22.13	109	852	0.599	5.173 #
5) L1 Aroclor-1016	7.12	10.80	7785	7369	247.802	249.237
6) L1 Aroclor-1016 {2}	8.57	12.16	11294	9166	249.087	247.828
7) L1 Aroclor-1016 {3}	9.68	12.76	6207	4188	257.057	241.478
Total Aroclor-1016			25286	20724	753.945	738.543
Average Aroclor-1016					251.315	246.181
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	7.12	10.80	7785	7369	213.037	212.128
15) L4 Aroclor-1242 {2}	8.57	11.88	11294	3331	211.614	219.149
16) L4 Aroclor-1242 {3}	8.96	12.16	4594	9166	215.325	213.157
17) L4 Aroclor-1242 (4)	9.29	12.76	3766	4188	214.778	207.112
18) L4 Aroclor-1242 (5)	9.68	13.34	6207	4264	220.276	220.500 ok
Total Aroclor-1242			33646	28319	1075.031	1072.047
Average Aroclor-1242					215.006	214.409
19) L5 Aroclor-1248	10.42	14.97	5556	2718	206.797	180.404

637

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1306F.D Vial: 19
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1306F.D\E1A1306R.D
 Acq On : 03 Aug 97 07:35 AM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.48	4327	4248	193.653	178.084
21) L5 Aroclor-1248 {3}	11.80	15.71	5381	4776	191.212	191.797
Total Aroclor-1248			15264	11741	591.662	550.285
Average Aroclor-1248					197.221	183.428
22) L6 Aroclor-1254	13.46	17.71	896	804	25.061	22.874
23) L6 Aroclor-1254 {2}	13.80	18.11	1485	1533	19.632	19.896
24) L6 Aroclor-1254 {3}	14.29	18.54	585	890	16.064	18.598
25) L6 Aroclor-1254 (4)	14.66	0.00	863	0	18.917	N.D. #
26) L6 Aroclor-1254 (5)	16.20	20.61	225	307	3.740	5.919 #
Total Aroclor-1254			4055	3535	83.414	67.287
Average Aroclor-1254					16.683	16.822
27) L7 Aroclor-1260	17.32	0.00	109	0	3.356	N.D. #
28) L7 Aroclor-1260 {2}	18.32	0.00	24	0	0.387	N.D. #
29) L7 Aroclor-1260 {3}	19.61f	0.00	334	0	7.470	N.D. #
Total Aroclor-1260			467	0	11.214	N.D.
Average Aroclor-1260					3.738	0.000

Kr

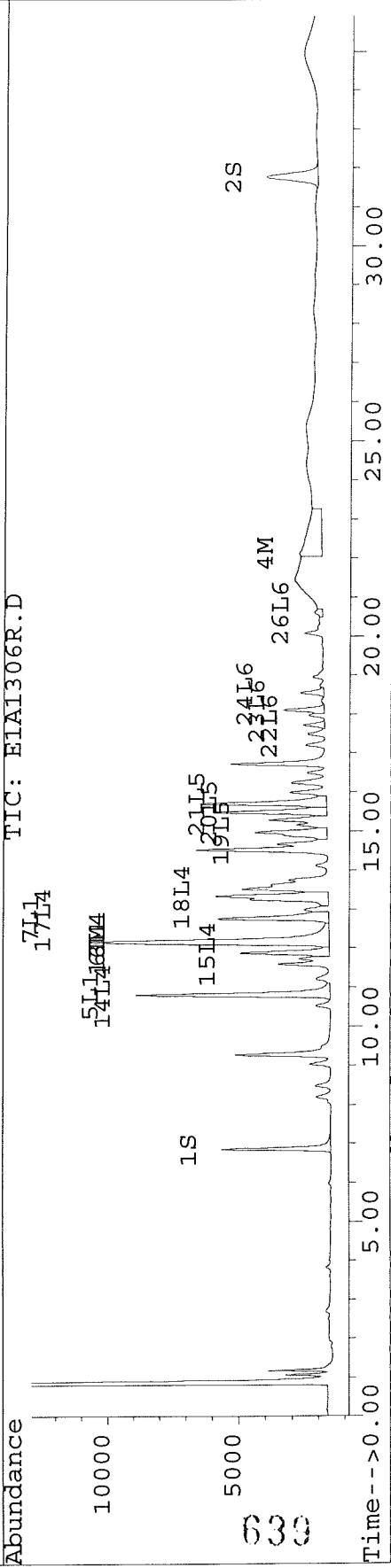
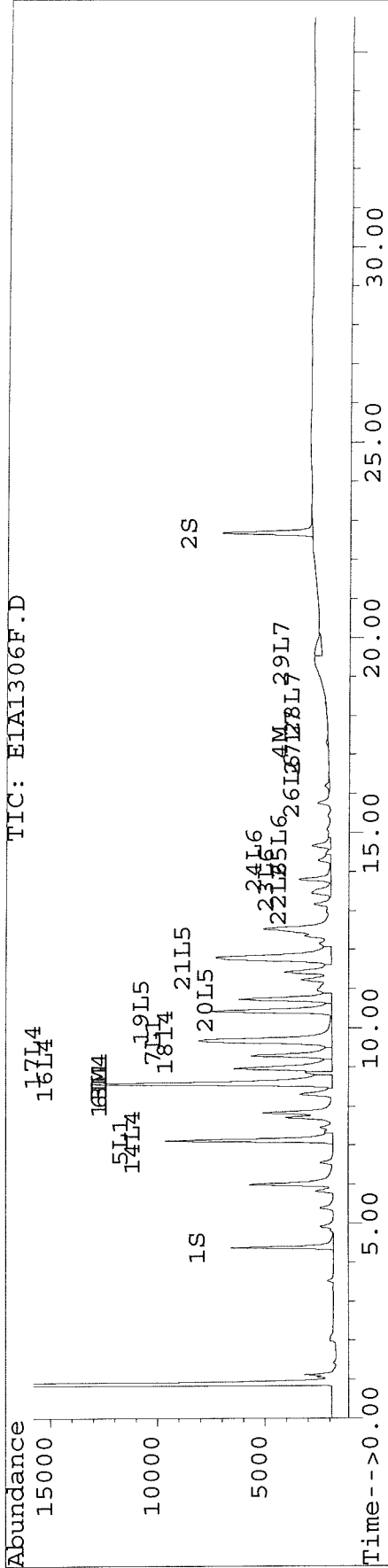
638

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1306F.D Vial: 19
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1306F.D
Acq On : 03 Aug 97 07:35 AM Operator: JS/GML
Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 4 9:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 09:50:13 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1307F.D Vial: 20
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1307F.D\E1A1307R.D
 Acq On : 03 Aug 97 08:15 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.37	6.86	4604	3988	20.151	18.886
			Recovery	=	50.38%	47.22%
2) S Decachlorobiphenyl	22.68	31.78	4367	2049	17.946	18.072
			Recovery	=	44.87%	45.18%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.15	6873	5703	77.043	64.550
4) M 2,2',3,3',4,4'-Hexa	17.33	22.14	240	554	1.321	3.363 #
5) L1 Aroclor-1016	7.12	10.80	3967	3745	126.279	126.661
6) L1 Aroclor-1016 {2}	8.57	12.15	6873	5703	151.582	154.195
7) L1 Aroclor-1016 {3}	9.67	12.76	9820	2003	406.702	115.496 #
Total Aroclor-1016			20661	11451	684.563	396.352
Average Aroclor-1016					228.188	132.117
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.51	0.00	40	0	5.815	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			40	0	5.815	N.D.
Average Aroclor-1221					5.815	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	7.12	10.80	3967	3745	108.563	107.803
15) L4 Aroclor-1242 {2}	8.57	11.88	6873	1134	128.778	74.575 #
16) L4 Aroclor-1242 {3}	8.96	12.15	2373	5703	111.216	132.624
17) L4 Aroclor-1242 (4)	9.28	12.76	2651	2003	151.201	99.059 #
18) L4 Aroclor-1242 (5)	9.67	13.34	9820	6958	348.509	359.773
Total Aroclor-1242			25685	19543	848.267	773.834
Average Aroclor-1242					169.653	154.767
19) L5 Aroclor-1248	10.42	14.97	8920	4718	332.001	313.198

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1307F.D Vial: 20
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1307F.D\E1A1307R.D
 Acq On : 03 Aug 97 08:15 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.48	7082	7775	316.942	325.981
21) L5 Aroclor-1248 {3}	11.79	15.70	9538	7830	338.911	314.466
Total Aroclor-1248			25539	20324	987.854	953.646
Average Aroclor-1248					329.285	317.882
22) L6 Aroclor-1254	13.45	17.71	2468	2363	69.061	67.185
23) L6 Aroclor-1254 {2}	13.80	18.10	4269	4424	56.433	57.404
24) L6 Aroclor-1254 {3}	14.28	18.54	1616	2753	44.348	57.539 #
25) L6 Aroclor-1254 (4)	14.66	0.00	2587	0	56.684	N.D. #
26) L6 Aroclor-1254 (5)	16.20	20.60	705	641	11.708	12.353
Total Aroclor-1254			11645	10180	238.233	194.481
Average Aroclor-1254					47.647	48.620
27) L7 Aroclor-1260	17.33	22.01	240	398	7.402	15.894 #
28) L7 Aroclor-1260 {2}	18.31	22.50	134	427	2.138	7.259 #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			374	826	9.541	23.154
Average Aroclor-1260					4.770	11.577

KL

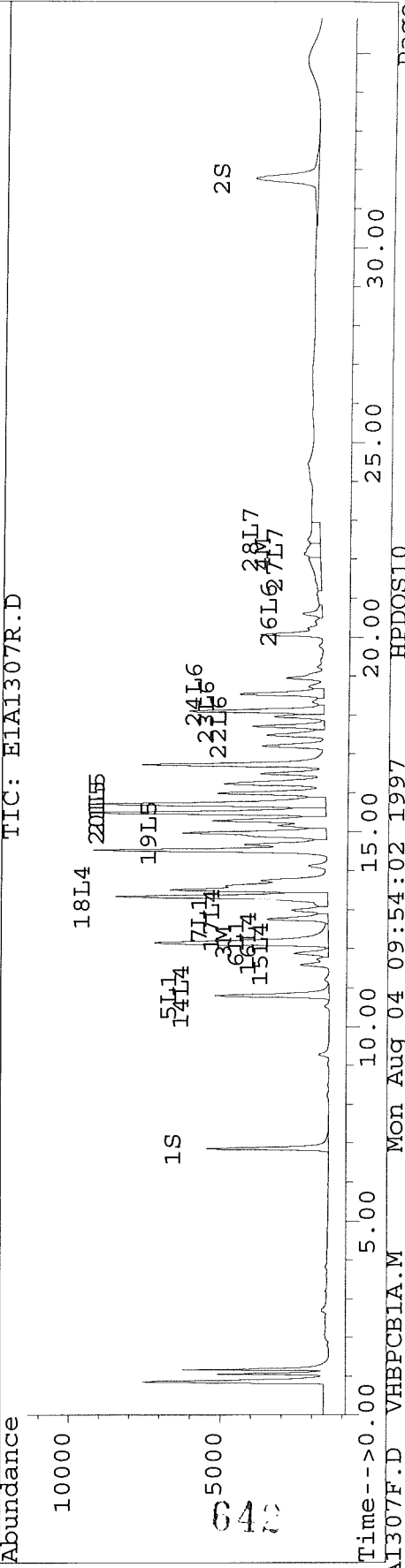
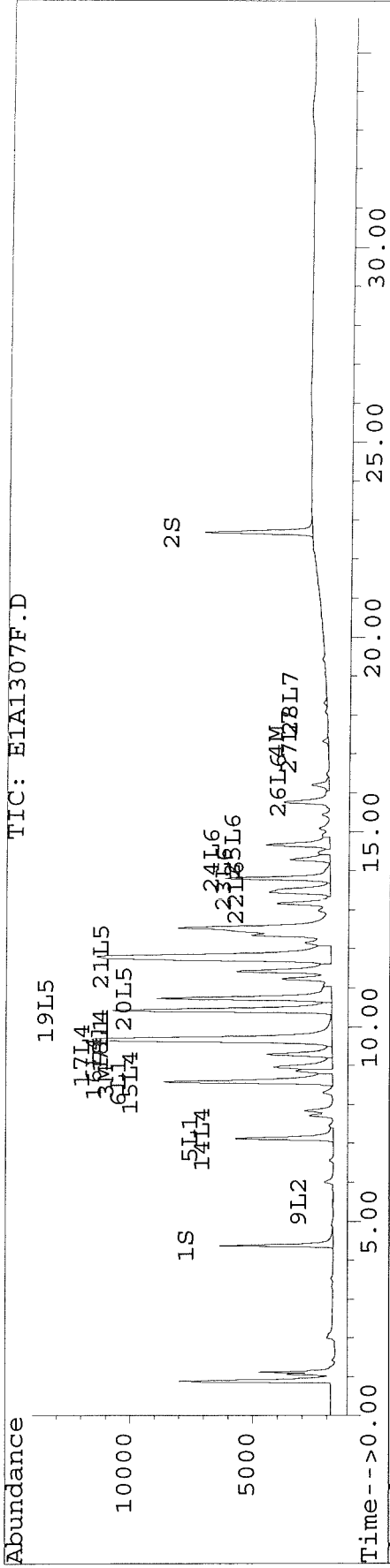
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1307F.D Vial: 20
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1307F.D
 Acq On : 03 Aug 97 08:15 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1308F.D Vial: 21
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1308F.D\E1A1308R.D
 Acq On : 03 Aug 97 08:54 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.37	6.86	4228	3782	18.505	17.912
			Recovery	=	46.26%	44.78%
2) S Decachlorobiphenyl	22.68	31.77	4142	1887	17.021	16.641
			Recovery	=	42.55%	41.60%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.59	12.16	206	199	2.304	2.257
4) M 2,2',3,3',4,4'-Hexa	17.32	22.14	3158	2564	17.355	15.575
5) L1 Aroclor-1016	7.13	10.81	151	152	4.796	5.144
6) L1 Aroclor-1016 {2}	8.59	12.16	206	199	4.532	5.392
7) L1 Aroclor-1016 {3}	9.63f	12.77	5419	66	224.400	3.829 #
Total Aroclor-1016			5775	418	233.729	14.365
Average Aroclor-1016					77.910	4.788
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52	0.00	34	0	4.990	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			34	0	4.990	N.D.
Average Aroclor-1221					4.990	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	7.13	10.81	151	152	4.123	4.378
15) L4 Aroclor-1242 {2}	8.59	11.88	206	60	3.851	3.916
16) L4 Aroclor-1242 {3}	8.97	12.16	80	199	3.739	4.638
17) L4 Aroclor-1242 (4)	9.29	12.77	73	66	4.146	3.284
18) L4 Aroclor-1242 (5)	9.63f	13.34	5419	4991	192.292	258.063 #
Total Aroclor-1242			5927	5468	208.151	274.278
Average Aroclor-1242					41.630	54.856
19) L5 Aroclor-1248	10.42	14.98	2667	775	99.286	51.456 #

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1308F.D Vial: 21
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1308F.D\E1A1308R.D
 Acq On : 03 Aug 97 08:54 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	970	3397	43.408	142.406 #
21) L5 Aroclor-1248 {3}	0.00	15.71	0	1109	N.D.	44.556 #
Total Aroclor-1248			3637	5281	142.694	238.419
Average Aroclor-1248					71.347	79.473
22) L6 Aroclor-1254	13.45	17.71	6426	6219	179.798	176.825
23) L6 Aroclor-1254 {2}	13.80	18.10	13441	13880	177.673	180.103
24) L6 Aroclor-1254 {3}	14.29	18.54	6668	8290	183.006	173.274
25) L6 Aroclor-1254 (4)	14.66	19.05	8111	5876	177.743	179.114
26) L6 Aroclor-1254 (5)	16.20	20.60	10626	8928	176.425	172.130
Total Aroclor-1254			45273	43193	894.646	881.446 OK
Average Aroclor-1254					OK 178.929	176.289
27) L7 Aroclor-1260	17.32	22.00	3158	586	97.257	23.410 #
28) L7 Aroclor-1260 {2}	18.31	22.50	1537	1412	24.618	23.981
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			4696	1999	121.876	47.391
Average Aroclor-1260					60.938	23.696

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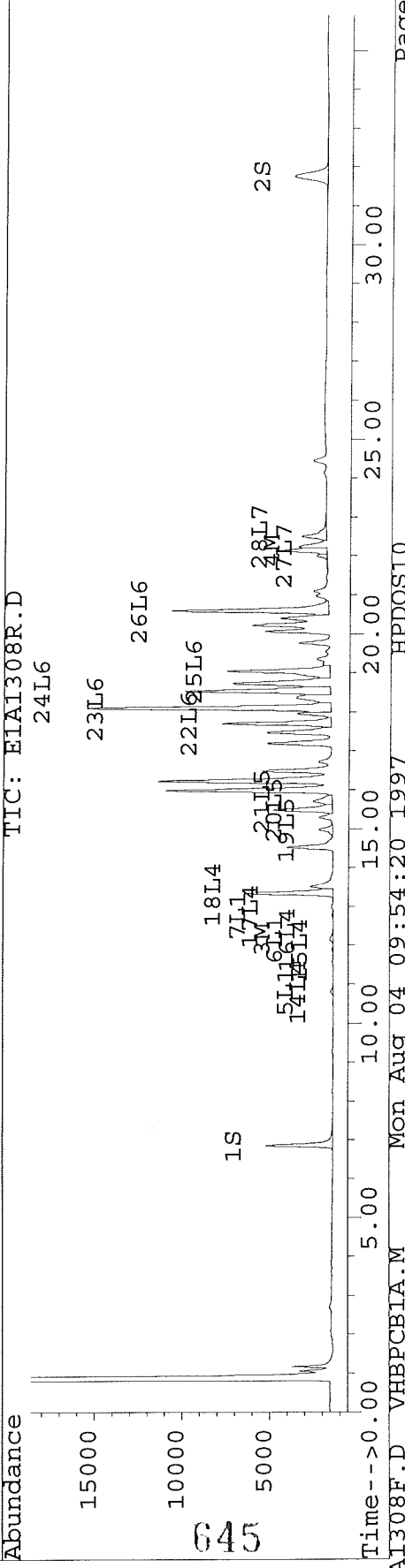
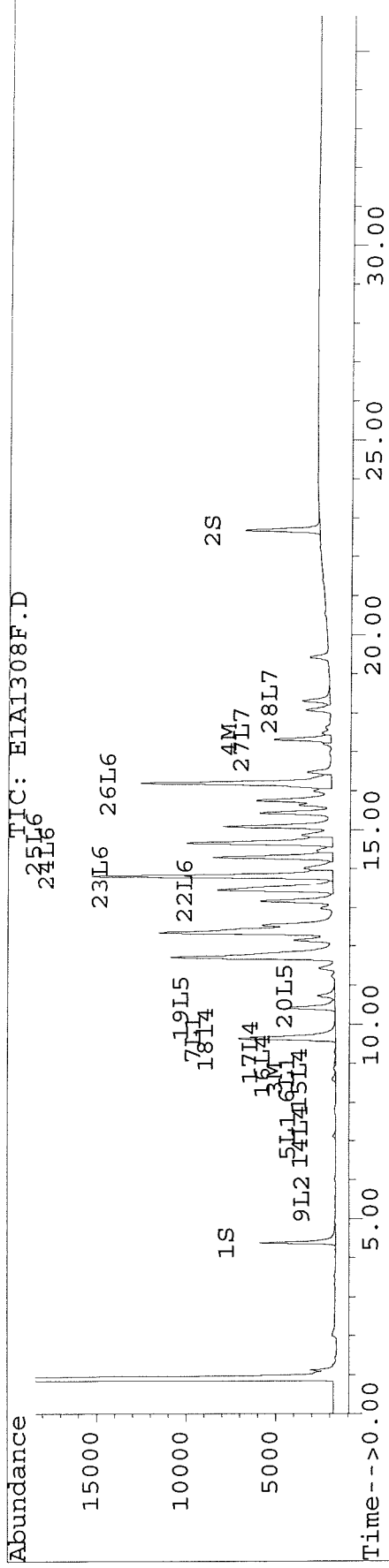
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1308F.D Vial: 21
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1308R.D
 Acq On : 03 Aug 97 08:54 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1309F.D Vial: 22
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1309F.D\E1A1309R.D
 Acq On : 03 Aug 97 09:34 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 10:12 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.37	6.86	4335	3842	18.975	18.196
			Recovery	=	47.44%	45.49%
2) S Decachlorobiphenyl	22.68	31.77	4407	2025	18.112	17.863
			Recovery	=	45.28%	44.66%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.16	14340	12196	160.737	138.042
4) M 2,2',3,3',4,4'-Hexa	17.32	22.15	10170	2642	55.885	16.050 #
5) L1 Aroclor-1016	7.12	10.80	9730	9475	309.725	320.462
6) L1 Aroclor-1016 {2}	8.57	12.16	14340	12196	316.253	329.750
7) L1 Aroclor-1016 {3}	9.68	12.76	7952	5472	329.320	315.510
Total Aroclor-1016			32022	27144	955.298 ^{cl}	965.722 ^{cl}
Average Aroclor-1016					318.433	321.907
8) L2 Aroclor-1221	3.62	0.00	84	0	10.434	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			84	0	10.434	N.D.
Average Aroclor-1221					10.434	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	7.12	10.80	9730	9475	266.273	272.749
15) L4 Aroclor-1242 {2}	8.57	11.88	14340	4243	268.676	279.114
16) L4 Aroclor-1242 {3}	8.96	12.16	5796	12196	271.681	283.618
17) L4 Aroclor-1242 (4)	9.29	12.76	4821	5472	274.901	270.608
18) L4 Aroclor-1242 (5)	9.68	13.34	7952	5335	282.200	275.846
Total Aroclor-1242			42638	36721	1363.731	1381.935
Average Aroclor-1242					272.746	276.387
19) L5 Aroclor-1248	10.42	14.97	6628	2926	246.725	194.241

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1309F.D Vial: 22
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1309F.D\E1A1309R.D
 Acq On : 03 Aug 97 09:34 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 10:12 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	4683	812	209.587	34.034 #
21) L5 Aroclor-1248 {3}	0.00	15.70	0	1442	N.D.	57.928 #
Total Aroclor-1248			11312	5180	456.313	286.203
Average Aroclor-1248					228.156	95.401
22) L6 Aroclor-1254	0.00	17.71	0	761	N.D.	21.652 #
23) L6 Aroclor-1254 {2}	13.81	18.08	7414	6885	98.001	89.341
24) L6 Aroclor-1254 {3}	14.29	0.00	11883	0	326.119	N.D. #
25) L6 Aroclor-1254 (4)	14.67	19.05	1450	13120	31.770	399.910 #
26) L6 Aroclor-1254 (5)	16.19	20.60	13048	11061	216.634	213.237
Total Aroclor-1254			33795	31827	672.524	724.140
Average Aroclor-1254					168.131	181.035
27) L7 Aroclor-1260	17.32	22.00	10170	8138	313.182	324.915
28) L7 Aroclor-1260 {2}	18.30	22.50	20045	20075	320.982	340.904
29) L7 Aroclor-1260 {3}	19.42	24.45	14023	7789	313.860 <i>ck</i>	314.906
Total Aroclor-1260			44238	36002	948.024	980.725 <i>ck</i>
Average Aroclor-1260					316.008	326.908

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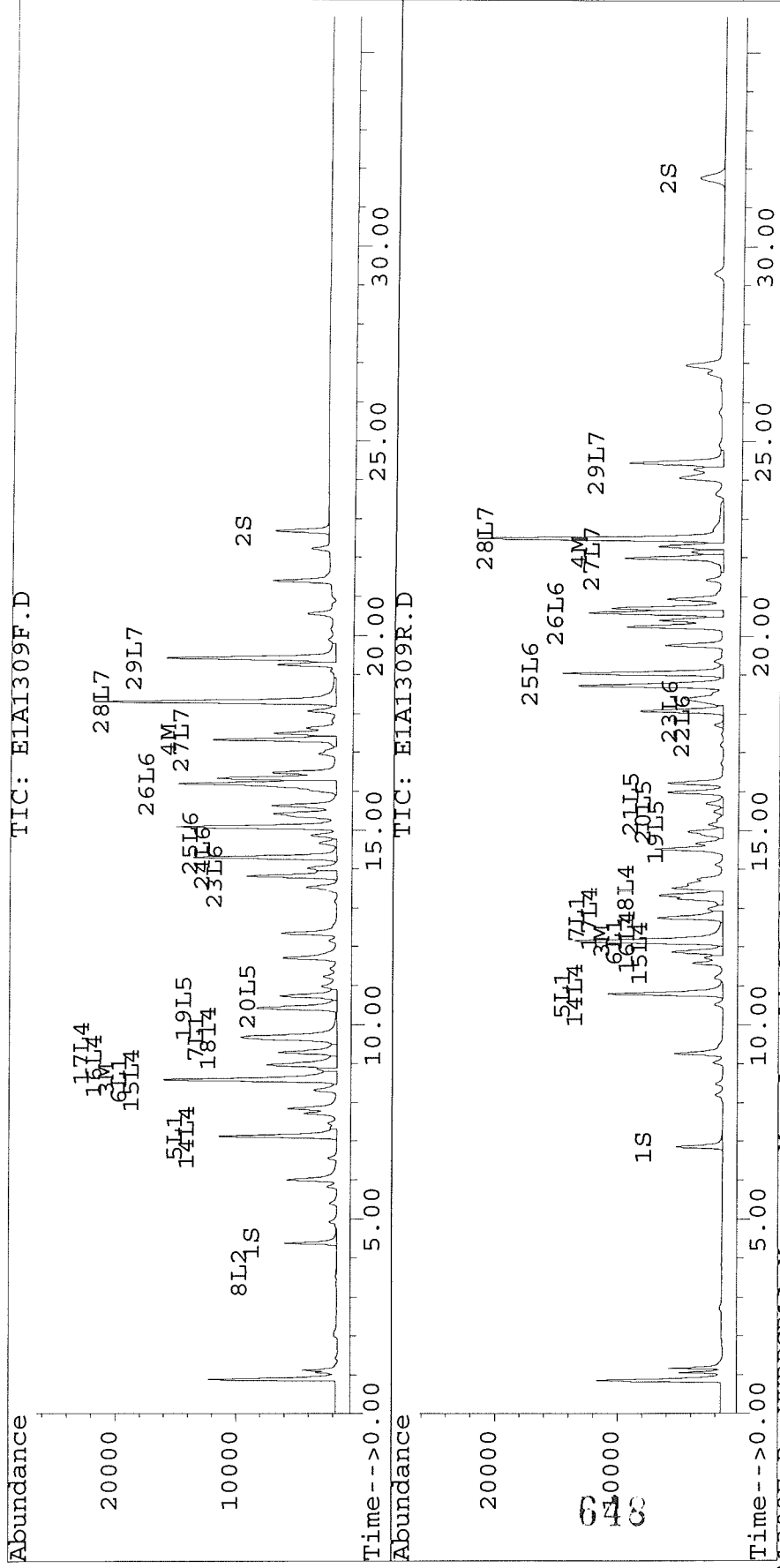
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Quantitation report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1309F.D Vial: 22
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1309R.D
 Acq On : 03 Aug 97 09:34 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 10:12 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1320F.D Vial: 33
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1320F.D\E1A1320R.D
 Acq On : 03 Aug 97 04:49 PM Operator: JS/GML
 Sample : pcbcoc3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.37	6.86	2221	1928	9.722	9.130
			Recovery	=	24.31%	22.83%
2) S Decachlorobiphenyl	22.68	31.77	2230	1096	9.164	9.670
			Recovery	=	22.91%	24.18%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.17	89330	88178	1001.334 ^{OK} 998.083	
4) M 2,2',3,3',4,4'-Hexa	17.31	22.13	173248	160701	951.976 ^{OK} 976.319 ^{OK}	
5) L1 Aroclor-1016	7.15f	0.00	95	0	3.035	N.D. #
6) L1 Aroclor-1016 {2}	8.57	12.17	89330	88178	1970.140	2384.180
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			89426	88178	1973.175	2384.180
Average Aroclor-1016					986.588	2384.180
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.51	0.00	51	0	7.484	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			51	0	7.484	N.D.
Average Aroclor-1221					7.484	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	10.90f	0	87	N.D.	6.183 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	87	N.D.	6.183
Average Aroclor-1232					0.000	6.183
14) L4 Aroclor-1242	7.15f	0.00	95	0	2.609	N.D. #
15) L4 Aroclor-1242 {2}	8.57	11.86	89330	99	1673.754	6.480 #
16) L4 Aroclor-1242 {3}	0.00	12.17	0	88178	N.D.	2050.639 #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			89426	88277	1676.363	2057.120
Average Aroclor-1242					838.182	1028.560
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1320F.D Vial: 33
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1320F.D\E1A1320R.D
 Acq On : 03 Aug 97 04:49 PM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.69	0.00	186	0	8.304	N.D. #
21) L5 Aroclor-1248 {3}	11.83f	15.72	29	62	1.017	2.472 #
Total Aroclor-1248			214	62	9.321	2.472
Average Aroclor-1248					4.661	2.472
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	14.28	0.00	615	0	16.867	N.D. #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			615	0	16.867	N.D.
Average Aroclor-1254					16.867	0.000
27) L7 Aroclor-1260	17.31	0.00	173248	0	5334.962	N.D. #
28) L7 Aroclor-1260 {2}	18.32	0.00	95	0	1.527	N.D. #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			173343	0	5336.489	N.D.
Average Aroclor-1260					2668.244	0.000

YK

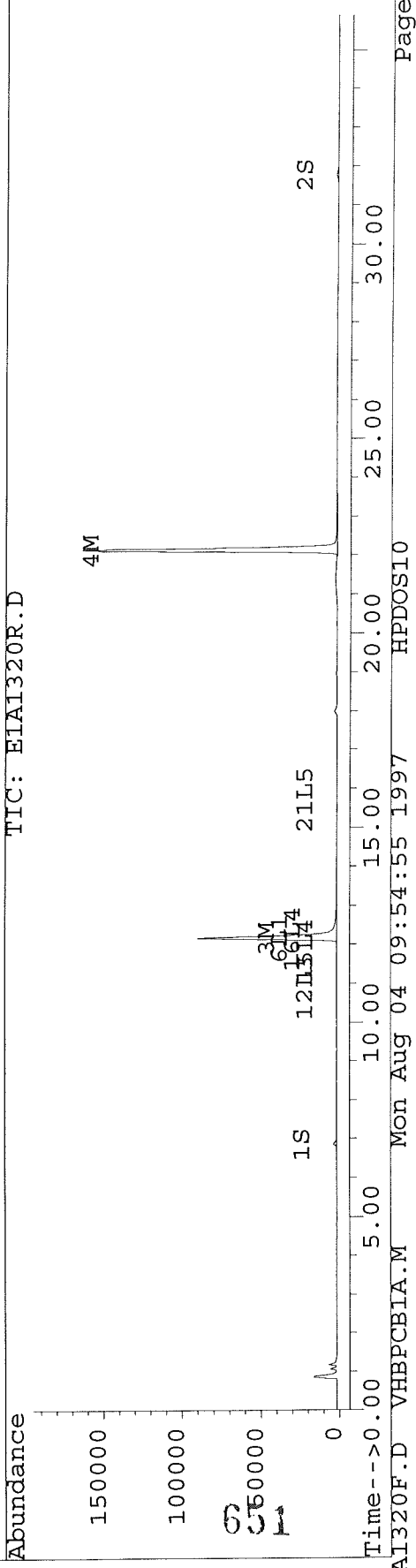
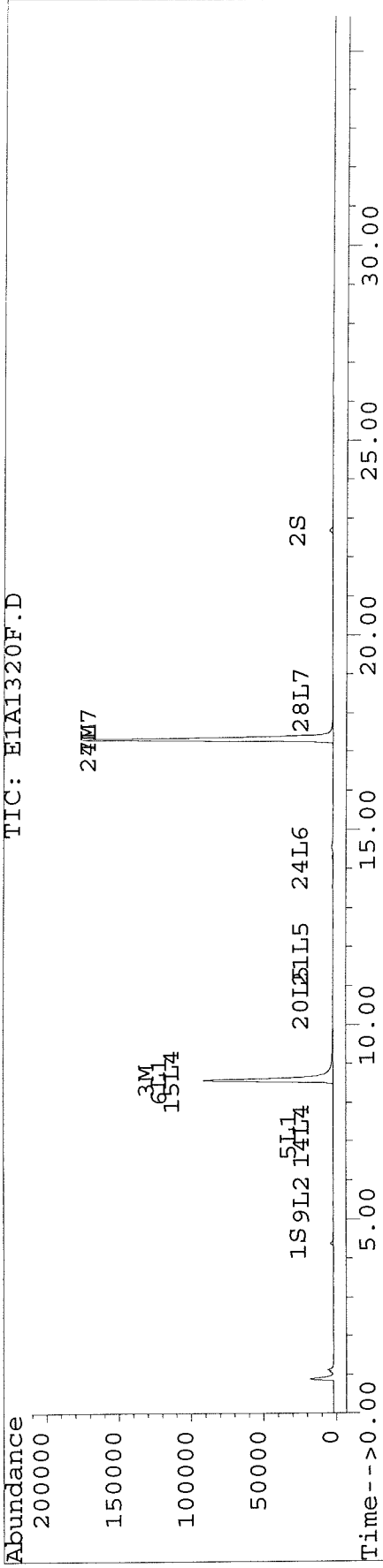
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1320F.D Vial: 33
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1320R.D
Acq On : 03 Aug 97 04:49 PM Operator: JS/GML
Sample : pcbcog3D,pcbocog3D,,pcbocog.spk Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 4 9:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 09:50:13 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1321F.D Vial: 34
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1321F.D\E1A1321R.D
 Acq On : 03 Aug 97 05:28 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:55 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.37	6.86	4361	3873	19.089	18.343
			Recovery	=	47.72%	45.86%
2) S Decachlorobiphenyl	22.68	31.77	4126	1886	16.955	16.634
			Recovery	=	42.39%	41.59%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.16	10958	9062	122.836	102.571
4) M 2,2',3,3',4,4'-Hexa	17.32	0.00	99	0	0.542	N.D. #
5) L1 Aroclor-1016	7.12	10.80	7446	7185	237.023	242.988
6) L1 Aroclor-1016 {2}	8.57	12.16	10958	9062	241.682	245.018
7) L1 Aroclor-1016 {3}	9.68	12.76	6122	4104	253.540	236.597
Total Aroclor-1016			24527	20350	732.245	724.602
Average Aroclor-1016					244.082	241.534
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	7.12	10.80	7446	7185	203.771	206.809
15) L4 Aroclor-1242 {2}	8.57	11.88	10958	3217	205.324	211.633
16) L4 Aroclor-1242 {3}	8.96	12.16	4441	9062	208.153	210.741
17) L4 Aroclor-1242 (4)	9.29	12.76	3640	4104	207.580	202.925
18) L4 Aroclor-1242 (5)	9.68	13.34	6122	4150	217.263	214.590
Total Aroclor-1242			32607	27717	1042.090	1046.698
Average Aroclor-1242					208.418	209.340
19) L5 Aroclor-1248	10.42	14.97	5437	2705	202.382	179.521

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1321F.D Vial: 34
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1321F.D\E1A1321R.D
 Acq On : 03 Aug 97 05:28 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:55 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	4200	4174	187.951	175.004
21) L5 Aroclor-1248 {3}	11.80	15.71	5283	4739	187.729	190.310
Total Aroclor-1248			14920	11617	578.062	544.836
Average Aroclor-1248					192.687	181.612
22) L6 Aroclor-1254	13.46	17.72	918	782	25.682	22.243
23) L6 Aroclor-1254 {2}	13.80	18.11	1491	1493	19.712	19.370
24) L6 Aroclor-1254 {3}	14.29	18.55	639	879	17.526	18.364
25) L6 Aroclor-1254 (4)	14.66	0.00	923	0	20.231	N.D. #
26) L6 Aroclor-1254 (5)	16.20	20.61	275	234	4.560	4.518
Total Aroclor-1254			4246	3388	87.711	64.495
Average Aroclor-1254					17.542	16.124
27) L7 Aroclor-1260	17.32	0.00	99	0	3.035	N.D. #
28) L7 Aroclor-1260 {2}	18.32	0.00	30	0	0.482	N.D. #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			129	0	3.518	N.D.
Average Aroclor-1260					1.759	0.000

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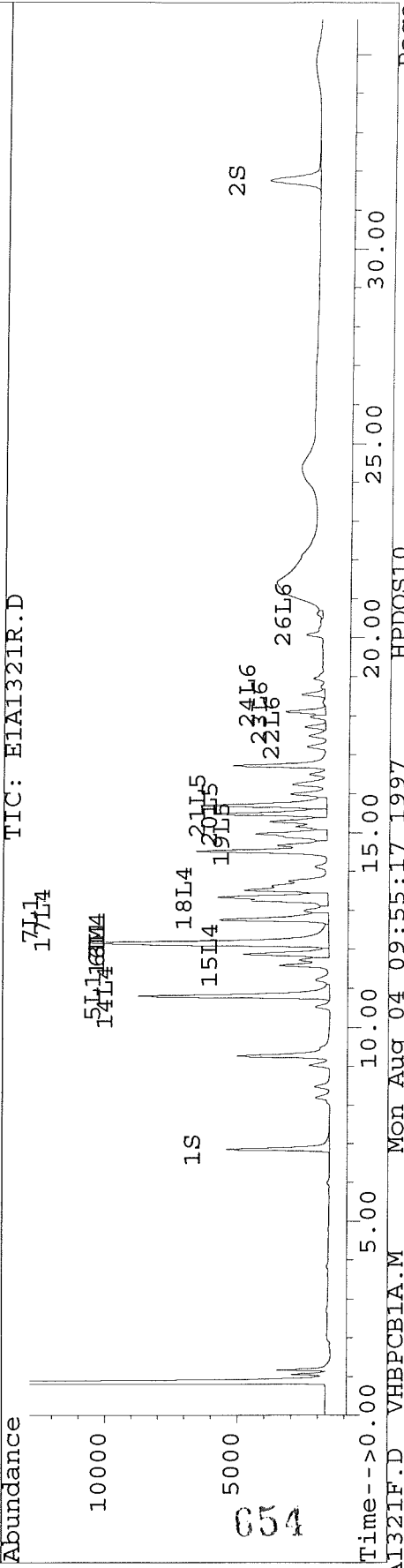
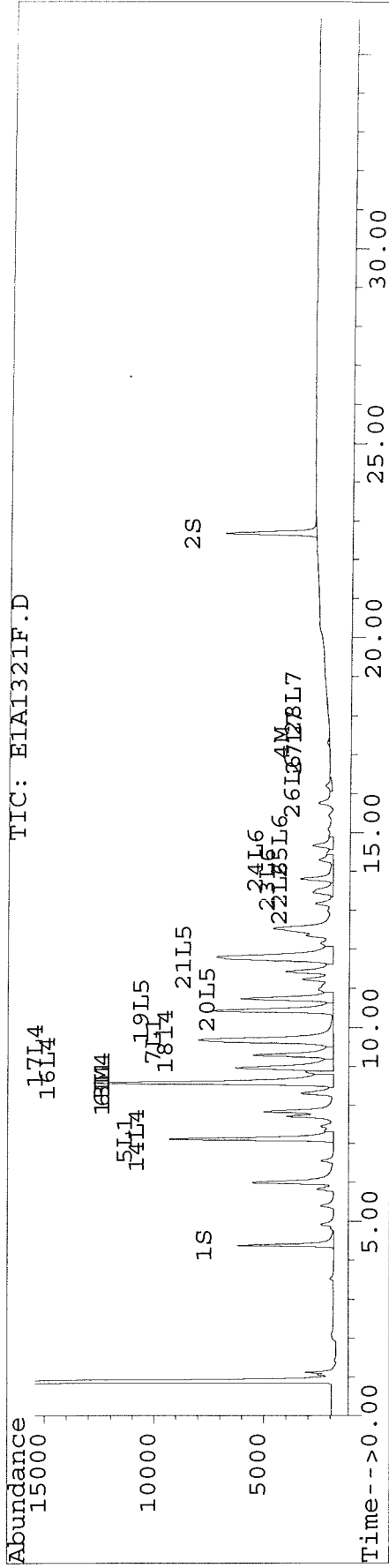
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1321F.D Vial: 34
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1321R.D
 Acq On : 03 Aug 97 05:28 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:55 1997

Method : C:\HPCHEM\5\METHODS\VHPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1322F.D Vial: 35
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1322F.D\E1A1322R.D
 Acq On : 03 Aug 97 06:08 PM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:55 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.37	6.86	4379	3885	19.167	18.398
			Recovery	=	47.92%	46.00%
2) S Decachlorobiphenyl	22.68	31.78	4100	1850	16.847	16.320
			Recovery	=	42.12%	40.80%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.16	6756	5675	75.726	64.234
4) M 2,2',3,3',4,4'-Hexa	17.33	22.14	237	342	1.305	2.080 #
5) L1 Aroclor-1016	7.12	10.80	3901	3720	124.183	125.823
6) L1 Aroclor-1016 {2}	8.58	12.16	6756	5675	148.991	153.438
7) L1 Aroclor-1016 {3}	9.67	12.76	9878	1967	409.085	113.424 #
Total Aroclor-1016			20535	11363	682.259	392.685
Average Aroclor-1016					227.420	130.895
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.51	0.00	39	0	5.680	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			39	0	5.680	N.D.
Average Aroclor-1221					5.680	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	7.12	10.80	3901	3720	106.761	107.089
15) L4 Aroclor-1242 {2}	8.58	11.88	6756	1141	126.577	75.086 #
16) L4 Aroclor-1242 {3}	8.96	12.16	2409	5675	112.909	131.973
17) L4 Aroclor-1242 (4)	9.28	12.76	2655	1967	151.397	97.282 #
18) L4 Aroclor-1242 (5)	9.67	13.34	9878	6845	350.552	353.949
Total Aroclor-1242			25598	19349	848.196	765.379
Average Aroclor-1242					169.639	153.076
19) L5 Aroclor-1248	10.42	14.97	8855	4717	329.605	313.086

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1322F.D Vial: 35
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1322F.D\E1A1322R.D
 Acq On : 03 Aug 97 06:08 PM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:55 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.48	7176	7705	321.160	323.024
21) L5 Aroclor-1248 {3}	11.80	15.71	9590	7919	340.753	318.053
Total Aroclor-1248			25621	20341	991.518	954.163 <i>ok</i>
Average Aroclor-1248					<i>ok</i> 330.506	318.054
22) L6 Aroclor-1254	13.46	17.71	2591	2313	72.497	65.783
23) L6 Aroclor-1254 {2}	13.80	18.11	4359	4460	57.618	57.870
24) L6 Aroclor-1254 {3}	14.29	18.54	1754	2740	48.125	57.283
25) L6 Aroclor-1254 (4)	14.66	0.00	2720	0	59.603	N.D. #
26) L6 Aroclor-1254 (5)	16.20	20.60	771	612	12.796	11.790
Total Aroclor-1254			12194	10125	250.639	192.726
Average Aroclor-1254					50.128	48.181
27) L7 Aroclor-1260	17.33	22.01	237	191	7.313	7.644
28) L7 Aroclor-1260 {2}	18.31	22.50	125	267	2.004	4.528 #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			363	458	9.317	12.172
Average Aroclor-1260					4.659	6.086

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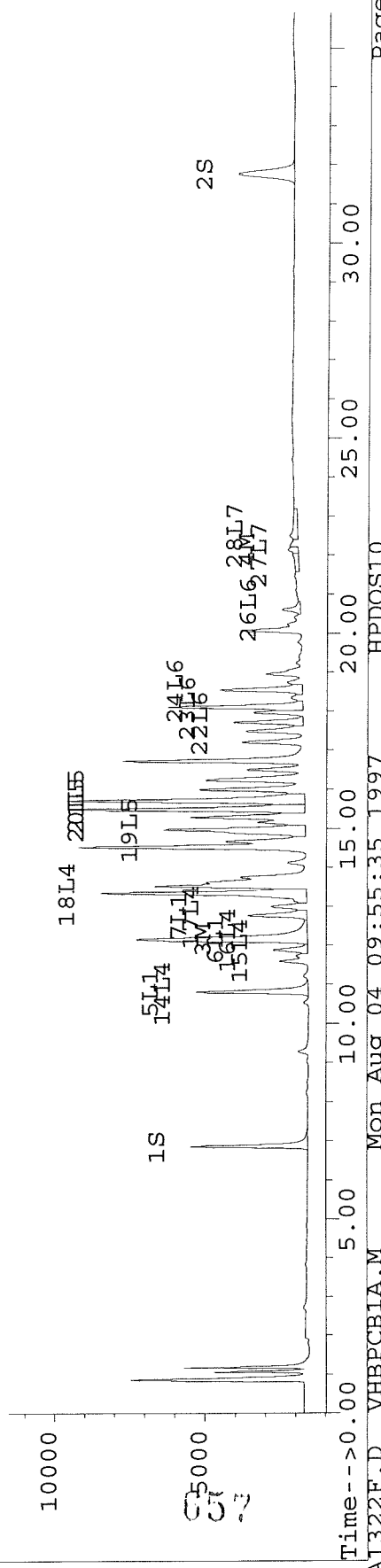
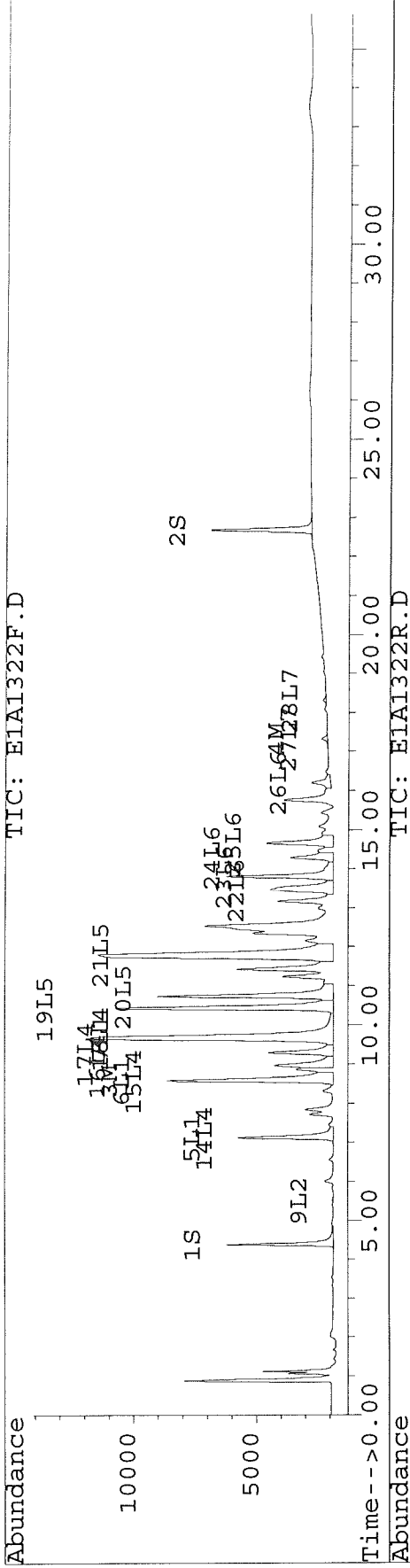
656

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1322F.D Vial: 35
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1322R.D
 Acq On : 03 Aug 97 06:08 PM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:55 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
 Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
 Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1323F.D Vial: 36
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1323F.D\E1A1323R.D
 Acq On : 03 Aug 97 06:47 PM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:55 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.37	6.86	4449	3970	19.473	18.802
			Recovery	=	48.68%	47.01%
2) S Decachlorobiphenyl	22.68	31.77	4213	1920	17.312	16.938
			Recovery	=	43.28%	42.35%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.59	12.16	219	203	2.454	2.296
4) M 2,2',3,3',4,4'-Hexa	17.32	22.14	3294	2697	18.102	16.387
5) L1 Aroclor-1016	7.13	10.81	161	159	5.136	5.373
6) L1 Aroclor-1016 {2}	8.59	12.16	219	203	4.828	5.486
7) L1 Aroclor-1016 {3}	9.63f	12.77	5609	70	232.303	4.052 #
Total Aroclor-1016			5990	432	242.267	14.911
Average Aroclor-1016					80.756	4.970
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52	0.00	37	0	5.380	N.D. #
10) L2 Aroclor-1221 {3}	0.00	9.43f	0	22	N.D.	1.346 #
Total Aroclor-1221			37	22	5.380	1.346
Average Aroclor-1221					5.380	1.346
11) L3 Aroclor-1232	0.00	9.43f	0	22	N.D.	1.490 #
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	22	N.D.	1.490
Average Aroclor-1232					0.000	1.490
14) L4 Aroclor-1242	7.13	10.81	161	159	4.415	4.573
15) L4 Aroclor-1242 {2}	8.59	11.88	219	57	4.102	3.768
16) L4 Aroclor-1242 {3}	8.97	12.16	84	203	3.948	4.718
17) L4 Aroclor-1242 (4)	9.29	12.77	78	70	4.448	3.475
18) L4 Aroclor-1242 (5)	9.63f	13.34	5609	5093	199.064	263.358 #
Total Aroclor-1242			6152	5583	215.977	279.893
Average Aroclor-1242					43.195	55.979
19) L5 Aroclor-1248	10.42	14.98	2775	793	103.298	52.645 #

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1323F.D Vial: 36
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1323F.D\E1A1323R.D
 Acq On : 03 Aug 97 06:47 PM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:55 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	990	3556	44.297	149.084 #
21) L5 Aroclor-1248 {3}	0.00	15.71	0	1168	N.D.	46.912 #
Total Aroclor-1248			3765	5517	147.595	248.642
Average Aroclor-1248					73.797	82.881
22) L6 Aroclor-1254	13.45	17.71	6654	6403	186.198	182.066
23) L6 Aroclor-1254 {2}	13.80	18.10	14036	14205	185.533	184.325
24) L6 Aroclor-1254 {3}	14.29	18.54	6859	8652	188.227	180.846
25) L6 Aroclor-1254 (4)	14.66	19.05	8540	6079	187.138	185.296
26) L6 Aroclor-1254 (5)	16.19	20.60	11013	9118	182.856	175.786
Total Aroclor-1254			47102	44457	929.951	908.319 OK
Average Aroclor-1254				OK	185.990	181.664
27) L7 Aroclor-1260	17.32	22.00	3294	673	101.445	26.856 #
28) L7 Aroclor-1260 {2}	18.31	22.50	1606	1520	25.718	25.803
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			4900	2192	127.163	52.659
Average Aroclor-1260					63.581	26.330

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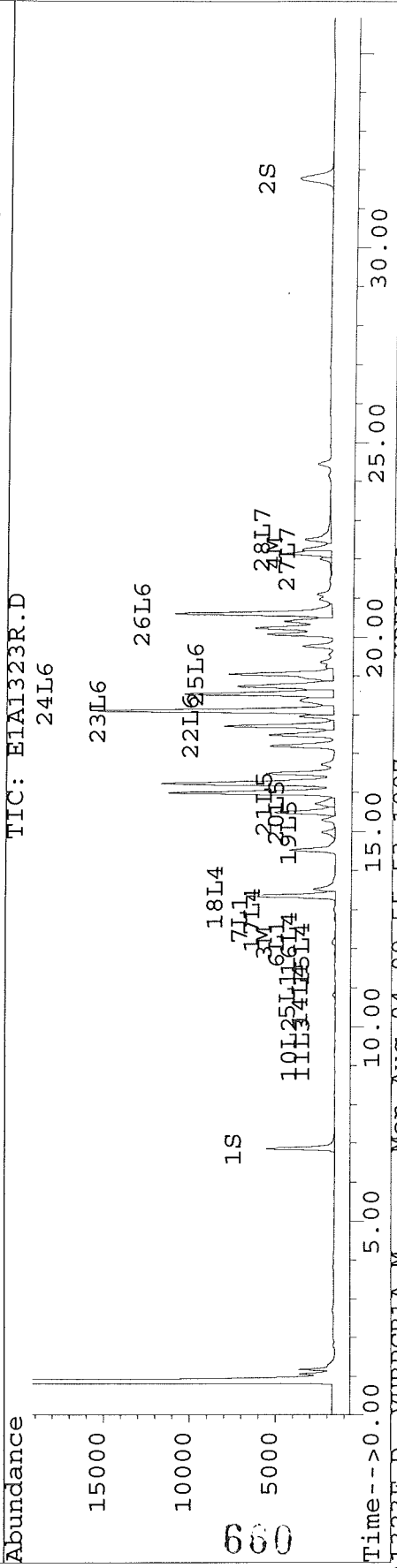
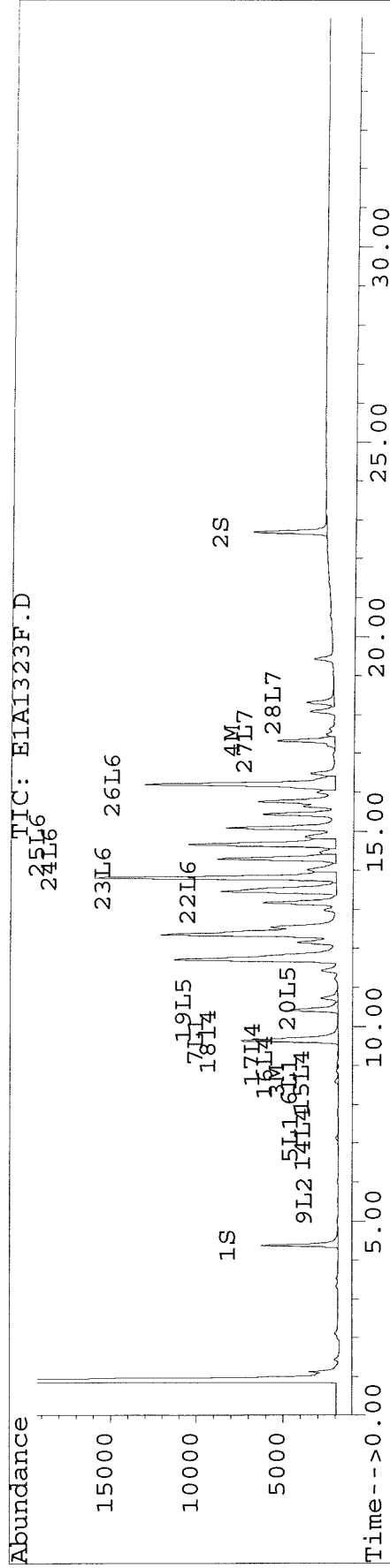
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1323F.D Vial: 36
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1323R.D
Acq On : 03 Aug 97 06:47 PM Operator: JS/GML
Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 4 9:55 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 09:50:13 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1324F.D Vial: 37
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1324F.D\E1A1324R.D
 Acq On : 03 Aug 97 07:27 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 10:13 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.86	4520	3934	19.785	18.629
			Recovery	=	49.46%	46.57%
2) S Decachlorobiphenyl	22.68	31.78	4355	1978	17.896	17.445
			Recovery	=	44.74%	43.61%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.16	14660	12084	164.325	136.772
4) M 2,2',3,3',4,4'-Hexa	17.33	22.15	10017	2499	55.042	15.184 #
5) L1 Aroclor-1016	7.12	10.80	9938	9366	316.351	316.764
6) L1 Aroclor-1016 {2}	8.57	12.16	14660	12084	323.312	326.716
7) L1 Aroclor-1016 {3}	9.68	12.76	8041	5477	333.004	315.750
Total Aroclor-1016			32639	26926	972.668	959.230 OK
Average Aroclor-1016				OK	324.223	319.743
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	7.12	10.80	9938	9366	271.970	269.601
15) L4 Aroclor-1242 {2}	8.57	11.88	14660	4228	274.673	278.133
16) L4 Aroclor-1242 {3}	8.96	12.16	5892	12084	276.197	281.010
17) L4 Aroclor-1242 (4)	9.29	12.76	4886	5477	278.633	270.814
18) L4 Aroclor-1242 (5)	9.68	13.34	8041	5379	285.357	278.127
Total Aroclor-1242			43417	36533	1386.831	1377.685
Average Aroclor-1242					277.366	275.537
19) L5 Aroclor-1248	10.42	14.97	6695	2921	249.211	193.914

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1324F.D Vial: 37
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1324F.D\E1A1324R.D
 Acq On : 03 Aug 97 07:27 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 10:13 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	4750	807	212.586	33.850 #
21) L5 Aroclor-1248 {3}	0.00	15.70	0	1456	N.D.	58.480 #
Total Aroclor-1248			11445	5185	461.797	286.244
Average Aroclor-1248					230.898	95.415
22) L6 Aroclor-1254	0.00	17.72	0	765	N.D.	21.752 #
23) L6 Aroclor-1254 {2}	13.81	18.08	7516	6843	99.347	88.796
24) L6 Aroclor-1254 {3}	14.29	0.00	11894	0	326.409	N.D. #
25) L6 Aroclor-1254 (4)	14.67	19.05	1432	13420	31.371	409.071 #
26) L6 Aroclor-1254 (5)	16.19	20.60	13176	11061	218.760	213.234
Total Aroclor-1254			34017	32089	675.887	732.853
Average Aroclor-1254					168.972	183.213
27) L7 Aroclor-1260	17.33	22.00	10017	8122	308.463	324.284
28) L7 Aroclor-1260 {2}	18.30	22.50	20221	19704	323.803	334.607
29) L7 Aroclor-1260 {3}	19.42	24.45	14041	7886	314.249	318.826
Total Aroclor-1260			44279	35712	946.515	977.716 <i>OK</i>
Average Aroclor-1260					315.505	325.905 <i>OK</i>

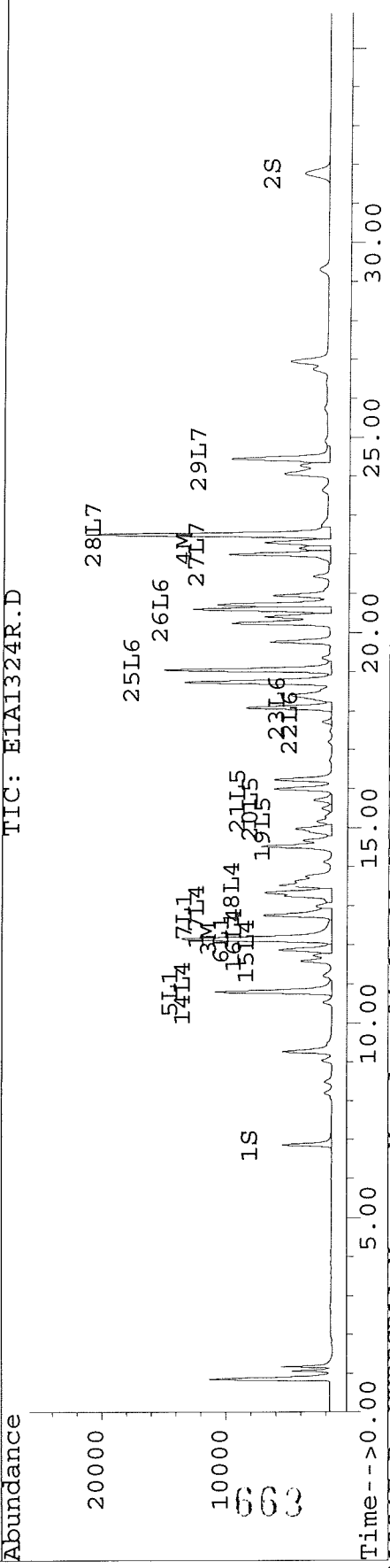
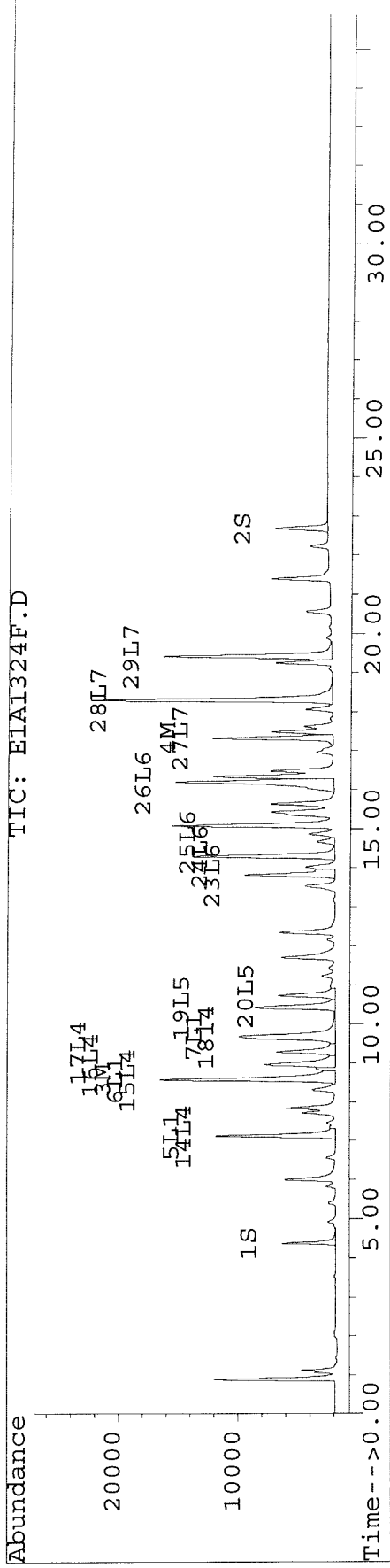
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1324F.D Vial: 37
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1324R.D
 Acq On : 03 Aug 97 07:27 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 10:13 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1335F.D Vial: 48
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1335F.D\E1A1335R.D
 Acq On : 04 Aug 97 02:42 AM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:56 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.37	6.86	2191	1908	9.590	9.033
			Recovery	=	23.98%	22.58%
2) S Decachlorobiphenyl	22.68	31.77	2217	1096	9.111	9.669
			Recovery	=	22.78%	24.17%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.17	87593	87174	<u>981.863</u> ^{ok}	<u>986.708</u> ^{ok}
4) M 2,2',3,3',4,4'-Hexa	17.31	22.13	169939	157638	<u>933.794</u> ^{ok}	<u>957.709</u> ^{ok}
5) L1 Aroclor-1016	7.15f	0.00	95	0	3.027	N.D. #
6) L1 Aroclor-1016 {2}	8.57	12.17	87593	87174	1931.831	2357.009
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			87688	87174	1934.858	2357.009
Average Aroclor-1016					967.429	2357.009
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.51	0.00	51	0	7.457	N.D. #
10) L2 Aroclor-1221 {3}	0.00	9.44f	0	59	N.D.	3.626 #
Total Aroclor-1221			51	59	7.457	3.626
Average Aroclor-1221					7.457	3.626
11) L3 Aroclor-1232	0.00	9.44f	0	59	N.D.	4.011 #
12) L3 Aroclor-1232 {2}	0.00	10.89f	0	98	N.D.	6.981 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	157	N.D.	10.993
Average Aroclor-1232					0.000	5.496
14) L4 Aroclor-1242	7.15f	0.00	95	0	2.602	N.D. #
15) L4 Aroclor-1242 {2}	8.57	11.85	87593	121	1641.208	7.939 #
16) L4 Aroclor-1242 {3}	0.00	12.17	0	87174	N.D.	2027.270 #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			87688	87294	1643.810	2035.209
Average Aroclor-1242					821.905	1017.604
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1335F.D Vial: 48
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1335F.D\E1A1335R.D
 Acq On : 04 Aug 97 02:42 AM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:56 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.69f	0.00	151	0	6.765	N.D. #
21) L5 Aroclor-1248 {3}	11.83	15.71	44	50	1.560	1.995 #
Total Aroclor-1248			195	50	8.325	1.995
Average Aroclor-1248					4.162	1.995
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	14.28	0.00	795	0	21.815	N.D. #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	16.23f	0.00	156	0	2.591	N.D. #
Total Aroclor-1254			951	0	24.406	N.D.
Average Aroclor-1254					12.203	0.000
27) L7 Aroclor-1260	17.31	0.00	169939	0	5233.067	N.D. #
28) L7 Aroclor-1260 {2}	18.31	0.00	262	0	4.195	N.D. #
29) L7 Aroclor-1260 {3}	19.56	0.00	1032	0	23.099	N.D. #
Total Aroclor-1260			171233	0	5260.361	N.D.
Average Aroclor-1260					1753.454	0.000

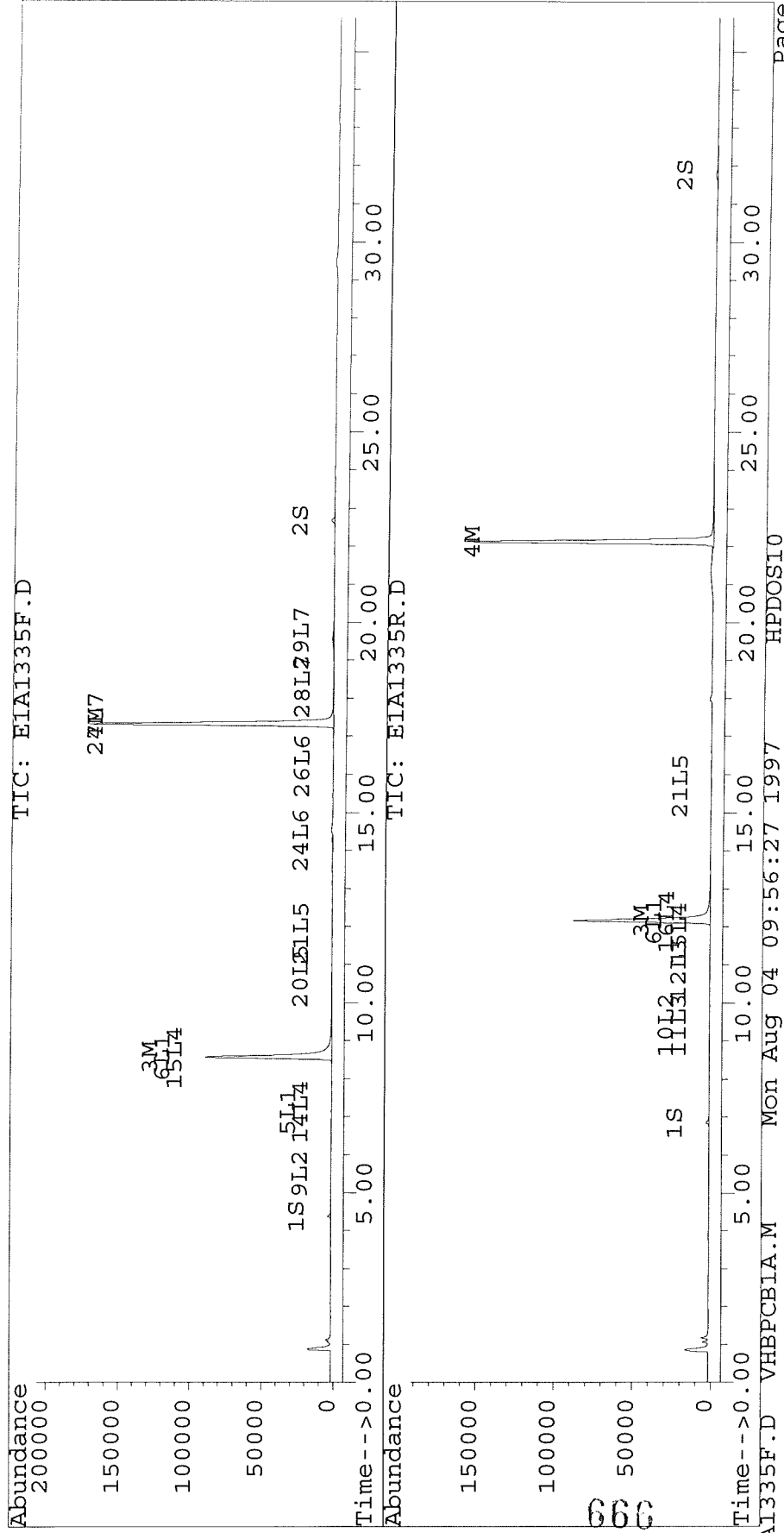
665

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1335F.D Vial: 48
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1335R.D
Acq On : 04 Aug 97 02:42 AM Operator: JS/GML
Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 4 9:56 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 09:50:13 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1336F.D Vial: 49
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1336R.D
 Acq On : 04 Aug 97 03:21 AM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:56 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.37	6.86	4502	4007	19.708	18.976
			Recovery	=	49.27%	47.44%
2) S Decachlorobiphenyl	22.68	31.77	4102	1836	16.855	16.194
			Recovery	=	42.14%	40.49%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.16	11300	9270	126.671	104.924
4) M 2,2',3,3',4,4'-Hexa	17.32	22.12	102	482	0.562	2.926 #
5) L1 Aroclor-1016	7.12	10.80	7642	7307	243.261	247.117
6) L1 Aroclor-1016 {2}	8.57	12.16	11300	9270	249.227	250.638
7) L1 Aroclor-1016 {3}	9.68	12.76	6220	4230	257.584	243.887
Total Aroclor-1016			25162	20807	750.072	741.642
Average Aroclor-1016					250.024	247.214
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	7.12	10.80	7642	7307	209.133	210.324
15) L4 Aroclor-1242 {2}	8.57	11.88	11300	3324	211.733	218.693
16) L4 Aroclor-1242 {3}	8.96	12.16	4533	9270	212.490	215.575
17) L4 Aroclor-1242 (4)	9.29	12.76	3729	4230	212.645	209.178
18) L4 Aroclor-1242 (5)	9.68	13.33	6220	4205	220.728	217.445
Total Aroclor-1242			33424	28336	1066.730	1071.215
Average Aroclor-1242					213.346	214.243
19) L5 Aroclor-1248	10.42	14.97	5555	2694	206.772	178.823

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1336F.D Vial: 49
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1336F.D\E1A1336R.D
 Acq On : 04 Aug 97 03:21 AM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:56 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.48	4298	4223	192.337	177.044
21) L5 Aroclor-1248 {3}	11.80	15.70	5402	4827	191.971	193.866
Total Aroclor-1248			15255	11744	591.081	549.734
Average Aroclor-1248					197.027	183.245
22) L6 Aroclor-1254	13.45	17.71	934	802	26.142	22.793
23) L6 Aroclor-1254 {2}	13.80	18.10	1516	1536	20.043	19.929
24) L6 Aroclor-1254 {3}	14.29	18.54	643	904	17.655	18.900
25) L6 Aroclor-1254 (4)	14.66	0.00	935	0	20.499	N.D. #
26) L6 Aroclor-1254 (5)	16.20	20.60	252	223	4.189	4.303
Total Aroclor-1254			4282	3465	88.527	65.925
Average Aroclor-1254					17.705	16.481
27) L7 Aroclor-1260	17.32	0.00	102	0	3.147	N.D. #
28) L7 Aroclor-1260 {2}	18.32	22.51	31	305	0.489	5.186 #
29) L7 Aroclor-1260 {3}	19.56	0.00	602	0	13.474	N.D. #
Total Aroclor-1260			735	305	17.110	5.186
Average Aroclor-1260					5.703	5.186

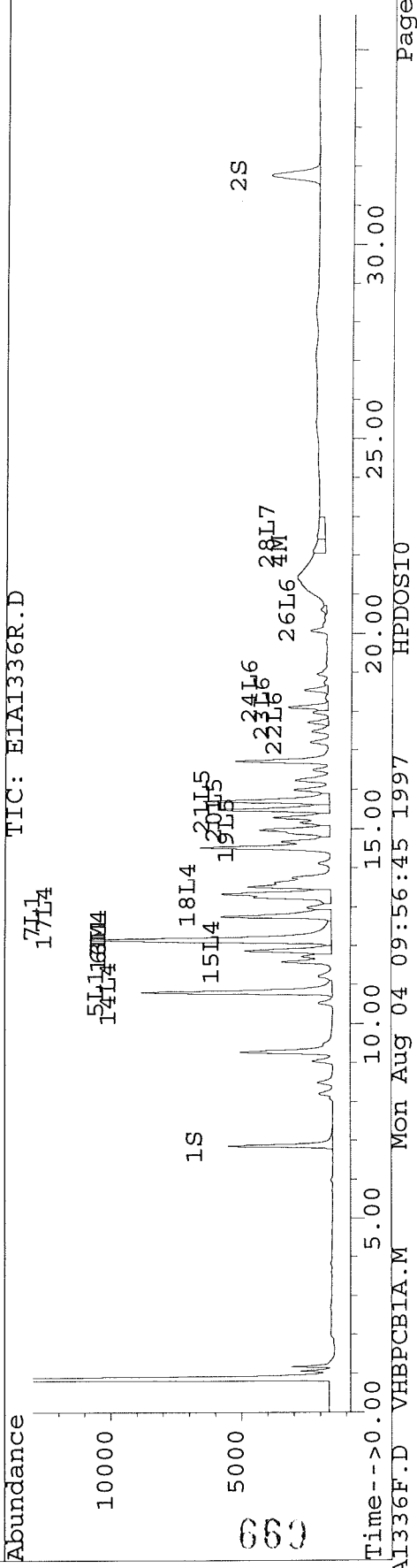
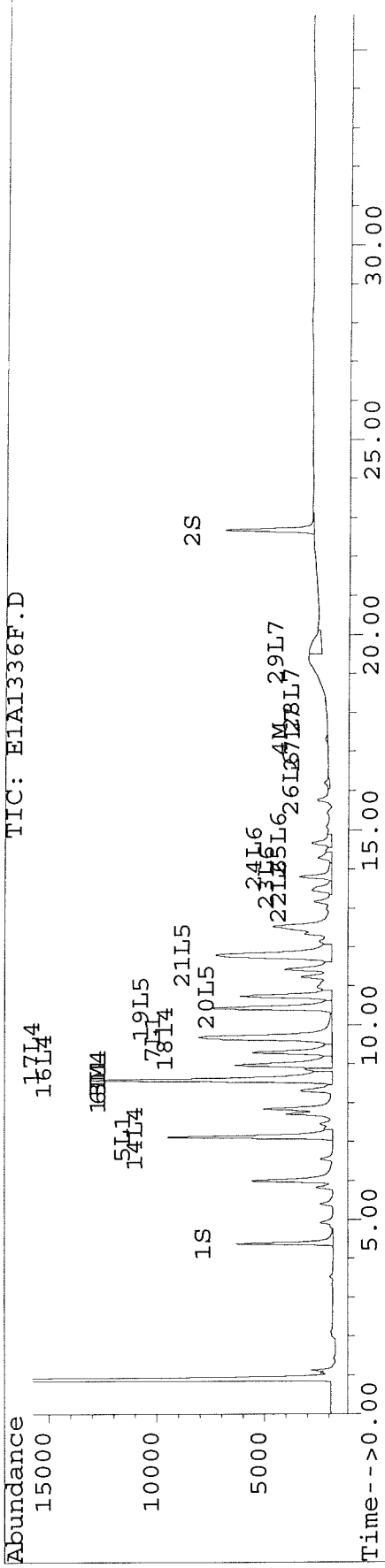
663

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1336F.D Vial: 49
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1336R.D
 Acq On : 04 Aug 97 03:21 AM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:56 1997

Method : C:\HPCHEM\5\METHODS\VHPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM

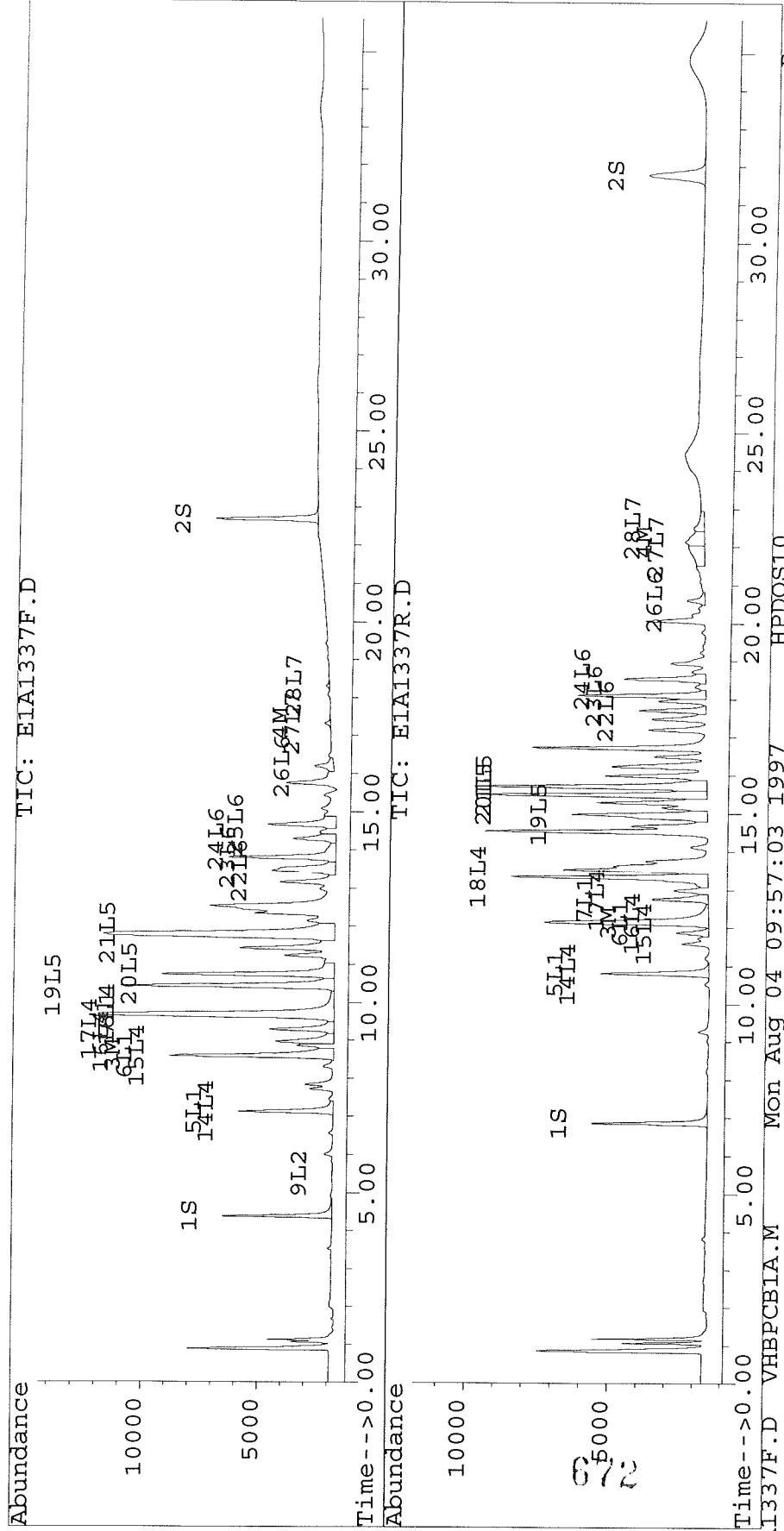


Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1337F.D Vial: 50
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1337F.D
Acq On : 04 Aug 97 04:01 AM Operator: JS/GML
Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 4 9:56 1997

Method : C:\HPCHEM\5\METHODS\VHBPB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 09:50:13 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1338F.D Vial: 51
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1338F.D\E1A1338R.D
 Acq On : 04 Aug 97 04:40 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:57 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.37	6.86	4629	4062	20.263	19.236
			Recovery	=	50.66%	48.09%
2) S Decachlorobiphenyl	22.68	31.77	4303	1928	17.682	17.008
			Recovery	=	44.20%	42.52%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.59	12.15	221	207	2.475	2.346
4) M 2,2',3,3',4,4'-Hexa	17.32	22.13	3327	2731	18.279	16.593
5) L1 Aroclor-1016	7.12	10.81	165	162	5.259	5.488
6) L1 Aroclor-1016 {2}	8.59	12.15	221	207	4.870	5.604
7) L1 Aroclor-1016 {3}	9.63f	12.76	5685	70	235.438	4.031 #
Total Aroclor-1016			6071	439	245.567	15.123
Average Aroclor-1016					81.856	5.041
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.51	0.00	34	0	5.039	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			34	0	5.039	N.D.
Average Aroclor-1221					5.039	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	7.12	10.81	165	162	4.521	4.671
15) L4 Aroclor-1242 {2}	8.59	11.88	221	58	4.137	3.841
16) L4 Aroclor-1242 {3}	8.97	12.15	86	207	4.012	4.820
17) L4 Aroclor-1242 (4)	9.29	12.76	83	70	4.742	3.457 #
18) L4 Aroclor-1242 (5)	9.63f	13.34	5685	5149	201.751	266.219 #
Total Aroclor-1242			6240	5646	219.163	283.009
Average Aroclor-1242					43.833	56.602
19) L5 Aroclor-1248	10.42	14.98	2801	810	104.257	53.773 #

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1338F.D Vial: 51
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1338F.D\E1A1338R.D
 Acq On : 04 Aug 97 04:40 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:57 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.48	1012	3597	45.307	150.801 #
21) L5 Aroclor-1248 {3}	0.00	15.71	0	1187	N.D.	47.686 #
Total Aroclor-1248			3814	5594	149.574	252.260
Average Aroclor-1248					74.787	84.087
22) L6 Aroclor-1254	13.45	17.71	6749	6516	188.833	185.290
23) L6 Aroclor-1254 {2}	13.80	18.10	14249	14455	188.350	187.564
24) L6 Aroclor-1254 {3}	14.29	18.54	6955	8792	190.881	183.782
25) L6 Aroclor-1254 (4)	14.65	19.05	8683	6084	190.261	185.446
26) L6 Aroclor-1254 (5)	16.19	20.60	11138	9287	184.916	179.045
Total Aroclor-1254			47773	45135	943.241	921.127 OK
Average Aroclor-1254					OK 188.648	184.225
27) L7 Aroclor-1260	17.32	22.00	3327	647	102.439	25.853 #
28) L7 Aroclor-1260 {2}	18.30	22.50	1621	1493	25.954	25.361
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			4947	2141	128.393	51.214
Average Aroclor-1260					64.197	25.607

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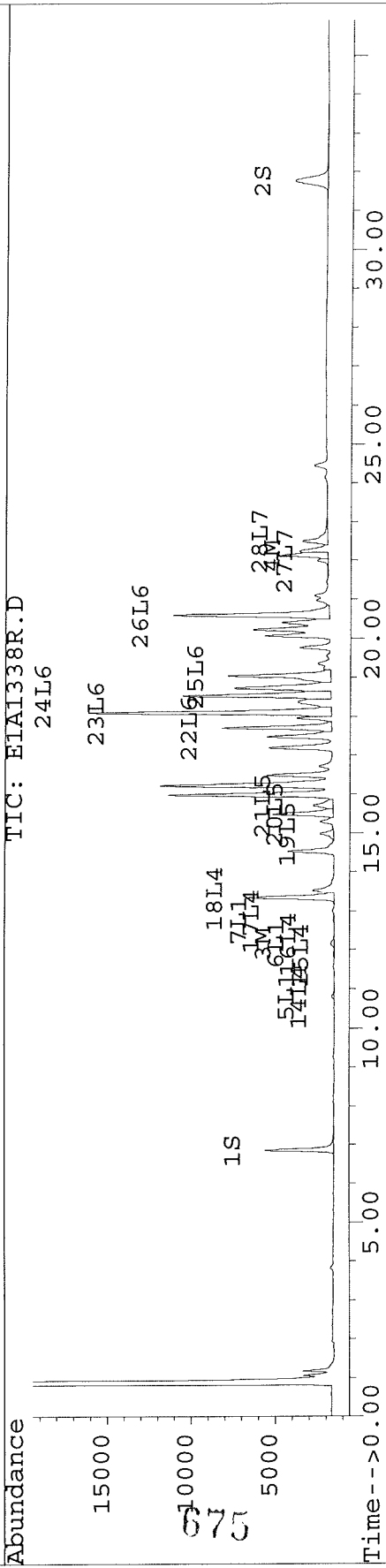
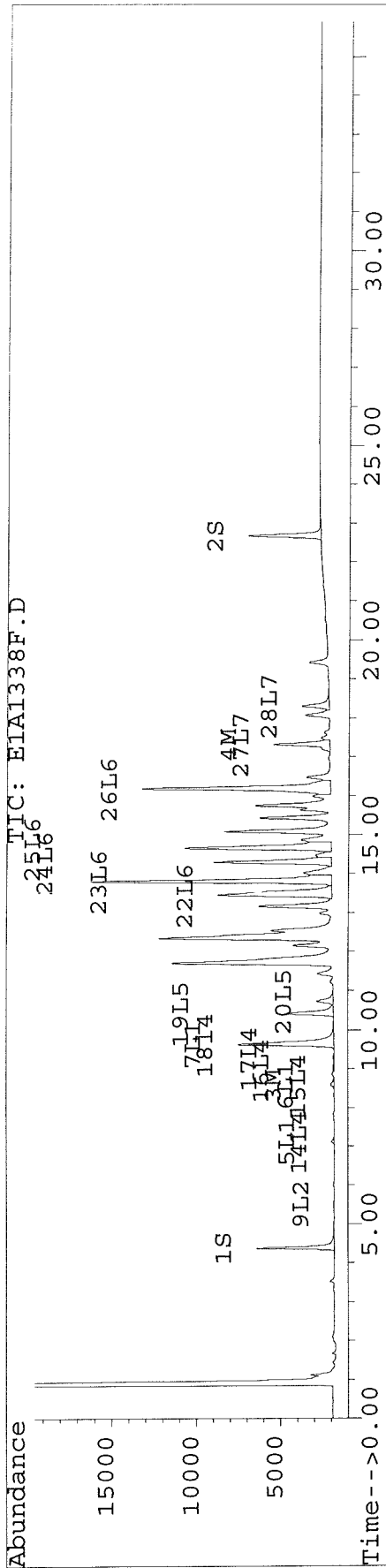
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1338F.D Vial: 51
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1338R.D
 Acq On : 04 Aug 97 04:40 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 9:57 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 09:50:13 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1339F.D Vial: 52
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1339F.D\E1A1339R.D
 Acq On : 04 Aug 97 05:20 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 10:14 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.37	6.86	4544	4002	19.890	18.954
			Recovery	=	49.73%	47.39%
2) S Decachlorobiphenyl	22.68	31.77	4513	2045	18.545	18.039
			Recovery	=	46.36%	45.10%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.16	14909	12271	167.119	138.898
4) M 2,2',3,3',4,4'-Hexa	17.32	22.15	10238	2561	56.259	15.557 #
5) L1 Aroclor-1016	7.12	10.80	10062	9634	320.290	325.828
6) L1 Aroclor-1016 {2}	8.57	12.16	14909	12271	328.809	331.795
7) L1 Aroclor-1016 {3}	9.68	12.76	8177	5557	338.640	320.393
Total Aroclor-1016			33148	27463	987.739	978.016 <i>OK</i>
Average Aroclor-1016					329.246	326.005
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}	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	7.12	10.80	10062	9634	275.356	277.316
15) L4 Aroclor-1242 {2}	8.57	11.88	14909	4346	279.343	285.899
16) L4 Aroclor-1242 {3}	8.96	12.16	6034	12271	282.832	285.378
17) L4 Aroclor-1242 (4)	9.29	12.76	4997	5557	284.966	274.796
18) L4 Aroclor-1242 (5)	9.68	13.33	8177	5436	290.186	281.078
Total Aroclor-1242			44179	37244	1412.684	1404.467
Average Aroclor-1242					282.537	280.893
19) L5 Aroclor-1248	10.42	14.97	6847	3020	254.867	200.467

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1339F.D Vial: 52
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1339F.D\E1A1339R.D
 Acq On : 04 Aug 97 05:20 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 10:14 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	4841	830	216.633	34.812 #
21) L5 Aroclor-1248 {3}	0.00	15.70	0	1483	N.D.	59.550 #
Total Aroclor-1248			11688	5333	471.500	294.829
Average Aroclor-1248					235.750	98.276
22) L6 Aroclor-1254	0.00	17.71	0	777	N.D.	22.097 #
23) L6 Aroclor-1254 {2}	13.81	18.08	7656	7013	101.202	90.995
24) L6 Aroclor-1254 {3}	14.29	0.00	12161	0	333.747	N.D. #
25) L6 Aroclor-1254 (4)	14.67	19.05	1453	13507	31.833	411.724 #
26) L6 Aroclor-1254 (5)	16.19	20.59	13388	11479	222.281	221.296
Total Aroclor-1254			34658	32776	689.062	746.112
Average Aroclor-1254					172.266	186.528
27) L7 Aroclor-1260	17.32	22.00	10238	8227	315.280	328.462
28) L7 Aroclor-1260 {2}	18.30	22.49	20613	20356	330.081	345.673
29) L7 Aroclor-1260 {3}	19.42	24.45	14248	8009	318.880	323.789
Total Aroclor-1260			45099	36592	964.242	997.924 ^{cf} OK
Average Aroclor-1260					321.414	332.641

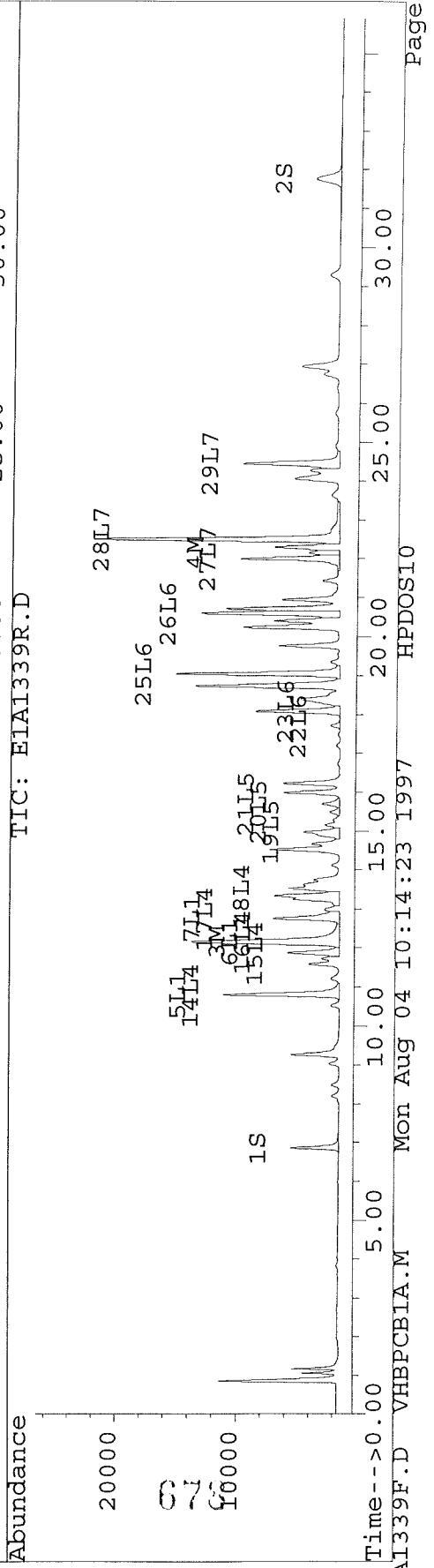
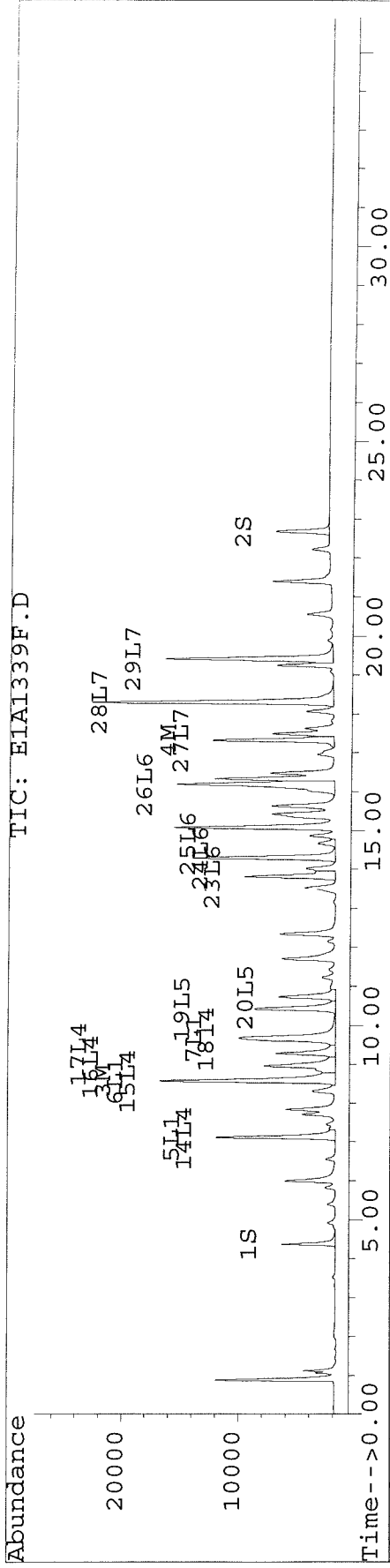
677

Quantitation report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1339F.D Vial: 52
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1339R.D
 Acq On : 04 Aug 97 05:20 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 10:14 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1350F.D Vial: 63
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1350F.D\E1A1350R.D
 Acq On : 04 Aug 97 12:35 PM Operator: JS/GML
 Sample : pcbcog3D, pcbcog3D, , pcbcog.spk Inst : E1
 Misc : 2, , , 3 Multiplr: 1.00
 Quant Time: Aug 4 15:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.87	2045	1809	8.951	8.566
			Recovery	=	22.38%	21.42%
2) S Decachlorobiphenyl	22.69	31.79	2133	1034	8.764	9.124
			Recovery	=	21.91%	22.81%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.18	83411	83171	934.982	941.399
4) M 2,2',3,3',4,4'-Hexa	17.32	22.14	163216	151873	896.855 ^{OK}	922.686 ^{OK}
5) L1 Aroclor-1016	7.16f	0.00	91	0	2.899	N.D. #
6) L1 Aroclor-1016 {2}	8.57	12.18	83411	83171	1839.591	2248.776
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			83502	83171	1842.490	2248.776
Average Aroclor-1016					921.245	2248.776
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52	0.00	43	0	6.313	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			43	0	6.313	N.D.
Average Aroclor-1221					6.313	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	7.16f	0.00	91	0	2.492	N.D. #
15) L4 Aroclor-1242 {2}	8.57	11.86	83411	75	1562.844	4.949 #
16) L4 Aroclor-1242 {3}	0.00	12.18	0	83171	N.D.	1934.178 #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			83502	83246	1565.337	1939.127
Average Aroclor-1242					782.668	969.563
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1350F.D Vial: 63
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1350F.D\E1A1350R.D
 Acq On : 04 Aug 97 12:35 PM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 15:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.70	0.00	149	0	6.659	N.D. #
21) L5 Aroclor-1248 {3}	11.84f	15.72	26	44	0.915	1.766 #
Total Aroclor-1248			175	44	7.574	1.766
Average Aroclor-1248					3.787	1.766
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	14.29	0.00	506	0	13.875	N.D. #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	16.23f	0.00	94	0	1.557	N.D. #
Total Aroclor-1254			599	0	15.433	N.D.
Average Aroclor-1254					7.716	0.000
27) L7 Aroclor-1260	17.32	0.00	163216	0	5026.059	N.D. #
28) L7 Aroclor-1260 {2}	18.33f	0.00	278	0	4.453	N.D. #
29) L7 Aroclor-1260 {3}	19.44	24.46	271	370	6.071	14.977 #
Total Aroclor-1260			163766	370	5036.582	14.977
Average Aroclor-1260					1678.861	14.977

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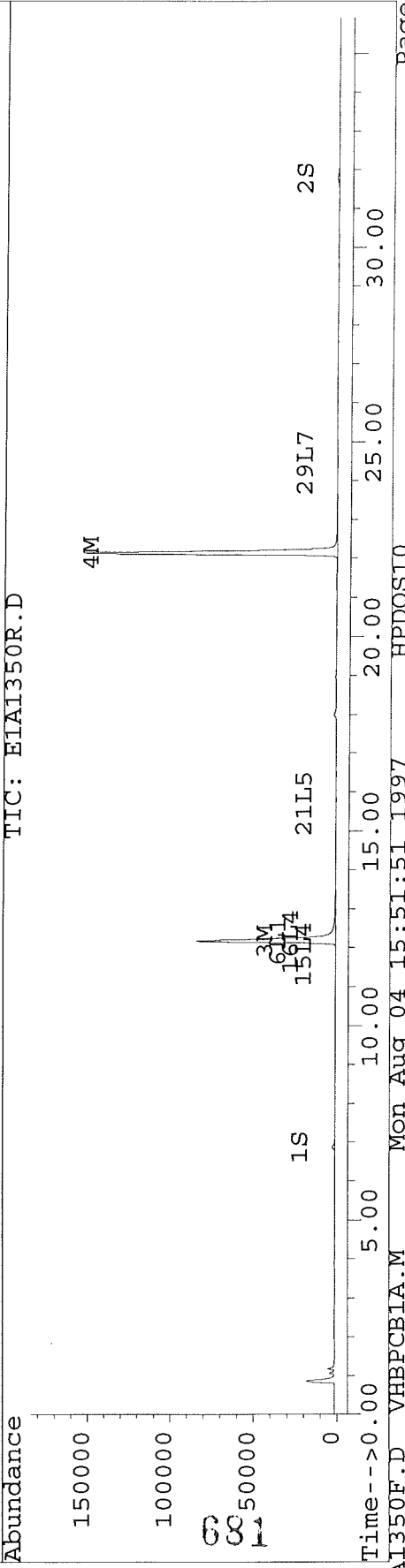
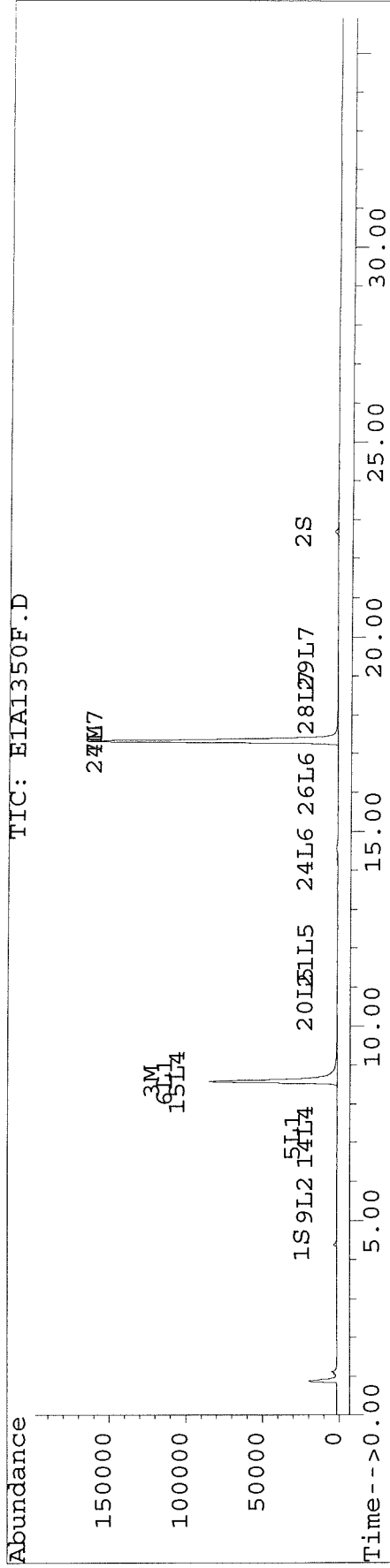
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1350F.D Vial: 63
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1350F.D\E1A1350R.D
 Acq On : 04 Aug 97 12:35 PM Operator: JS/GML
 Sample : pcbcocg3D,pcbocg3D,,pcbocg.spk Inst : EI
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 4 15:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
 Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
 Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1351F.D Vial: 64
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1351F.D\E1A1351R.D
 Acq On : 04 Aug 97 01:14 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 15:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.86	4576	3988	20.032	18.883
			Recovery	=	50.08%	47.21%
2) S Decachlorobiphenyl	22.69	31.79	4204	1963	17.276	17.314
			Recovery	=	43.19%	43.29%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.17	11038	9117	123.727	103.189
4) M 2,2',3,3',4,4'-Hexa	17.32	22.14	127	249	0.696	1.513 #
5) L1 Aroclor-1016	7.12	10.81	7603	7329	242.016	247.859
6) L1 Aroclor-1016 {2}	8.58	12.17	11038	9117	243.434	246.493
7) L1 Aroclor-1016 {3}	9.68	12.76	6152	4164	254.796	240.067
Total Aroclor-1016			24793	20609	740.247	734.419
Average Aroclor-1016					246.749	244.806
8) L2 Aroclor-1221	0.00	6.07	0	55	N.D.	7.745 #
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	55	N.D.	7.745
Average Aroclor-1221					0.000	7.745
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	7.12	10.81	7603	7329	208.063	210.956
15) L4 Aroclor-1242 {2}	8.58	11.88	11038	3292	206.812	216.546
16) L4 Aroclor-1242 {3}	8.97	12.17	4488	9117	210.348	212.010
17) L4 Aroclor-1242 (4)	9.29	12.76	3660	4164	208.702	205.901
18) L4 Aroclor-1242 (5)	9.68	13.34	6152	4223	218.339	218.370
Total Aroclor-1242			32941	28124	1052.264	1063.783 ok
Average Aroclor-1242					210.453	212.757
19) L5 Aroclor-1248	10.43	14.98	5542	2686	206.297	178.290

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1351F.D Vial: 64
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1351F.D\E1A1351R.D
 Acq On : 04 Aug 97 01:14 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 15:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	4312	4208	192.981	176.421
21) L5 Aroclor-1248 {3}	11.81	15.71	5283	4720	187.709	189.547
Total Aroclor-1248			15137	11614	586.988	544.258
Average Aroclor-1248					195.663	181.419
22) L6 Aroclor-1254	13.46	17.72	902	799	25.244	22.734
23) L6 Aroclor-1254 {2}	13.81	18.11	1480	1527	19.568	19.820
24) L6 Aroclor-1254 {3}	14.30	18.55	596	891	16.361	18.633
25) L6 Aroclor-1254 (4)	14.67	0.00	870	0	19.055	N.D. #
26) L6 Aroclor-1254 (5)	16.21	20.61	235	158	3.909	3.046
Total Aroclor-1254			4084	3376	84.137	64.232
Average Aroclor-1254					16.827	16.058
27) L7 Aroclor-1260	17.32	0.00	127	0	3.903	N.D. #
28) L7 Aroclor-1260 {2}	0.00	22.50	0	66	N.D.	1.114 #
29) L7 Aroclor-1260 {3}	19.44	24.48	20	70	0.450	2.825 #
Total Aroclor-1260			147	135	4.353	3.939
Average Aroclor-1260					2.176	1.970

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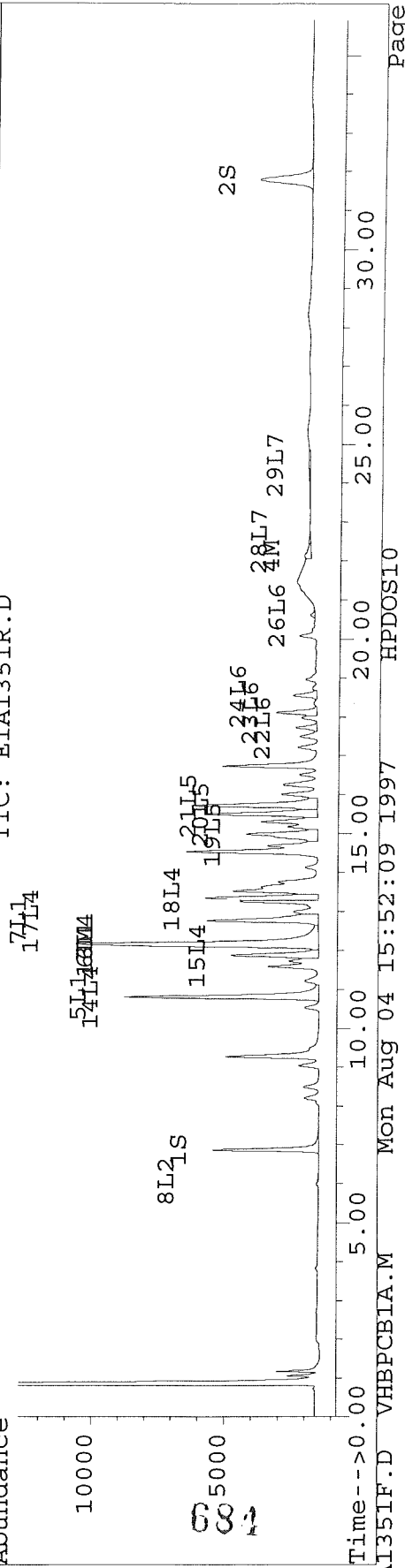
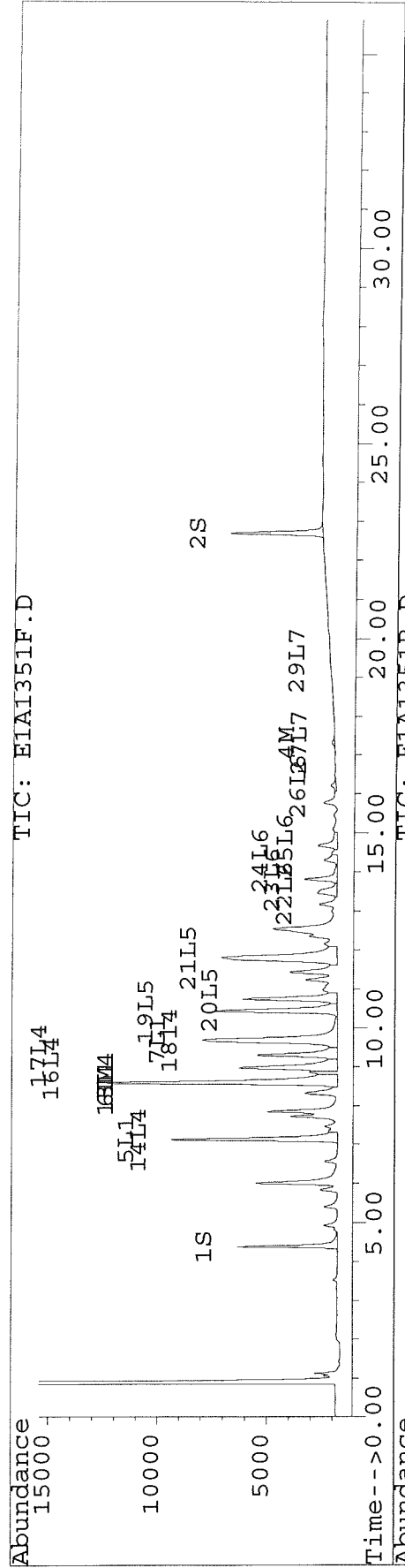
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1351F.D Vial: 64
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1351F.D\E1A1351R.D
 Acq On : 04 Aug 97 01:14 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 4 15:51 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1352F.D Vial: 65
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1352F.D\E1A1352R.D
 Acq On : 04 Aug 97 01:54 PM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 15:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.87	4039	3701	17.679	17.528
			Recovery	=	44.20%	43.82%
2) S Decachlorobiphenyl	22.69	31.79	3973	1799	16.325	15.866
			Recovery	=	40.81%	39.67%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.16	6272	5274	70.303	59.691
4) M 2,2',3,3',4,4'-Hexa	17.33	22.15	232	238	1.275	1.444
5) L1 Aroclor-1016	7.13	10.81	3712	3528	118.158	119.333
6) L1 Aroclor-1016 {2}	8.58	12.16	6272	5274	138.322	142.588
7) L1 Aroclor-1016 {3}	9.68	12.77	9401	1867	389.318	107.657 #
Total Aroclor-1016			19385	10669	645.799	369.579
Average Aroclor-1016					215.266	123.193
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52	0.00	38	0	5.598	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			38	0	5.598	N.D.
Average Aroclor-1221					5.598	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	7.13	10.81	3712	3528	101.581	101.565
15) L4 Aroclor-1242 {2}	8.58	11.89	6272	1071	117.513	70.426 #
16) L4 Aroclor-1242 {3}	8.97	12.16	2214	5274	103.788	122.641
17) L4 Aroclor-1242 (4)	9.29	12.77	2447	1867	139.555	92.336 #
18) L4 Aroclor-1242 (5)	9.68	13.35	9401	6616	333.613	342.083
Total Aroclor-1242			24046	18356	796.051	729.050
Average Aroclor-1242					159.210	145.810
19) L5 Aroclor-1248	10.43	14.98	8422	4471	313.473	296.784

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1352F.D Vial: 65
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1352F.D\E1A1352R.D
 Acq On : 04 Aug 97 01:54 PM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 15:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	6664	7289	298.220	305.590
21) L5 Aroclor-1248 {3}	11.81	15.71	8964	7410	318.542	297.600
Total Aroclor-1248			24050	19170	930.235	899.973
Average Aroclor-1248					310.078	299.991
22) L6 Aroclor-1254	13.46	17.72	2348	2241	65.690	63.715
23) L6 Aroclor-1254 {2}	13.81	18.11	4020	4222	53.135	54.787
24) L6 Aroclor-1254 {3}	14.29	18.55	1512	2603	41.494	54.406 #
25) L6 Aroclor-1254 (4)	14.67	0.00	2411	0	52.842	N.D. #
26) L6 Aroclor-1254 (5)	16.21	20.61	659	568	10.938	10.952
Total Aroclor-1254			10950	9634	224.099	183.860
Average Aroclor-1254					44.820	45.965
27) L7 Aroclor-1260	17.33	22.01	232	108	7.146	4.294 #
28) L7 Aroclor-1260 {2}	18.32	22.51	121	134	1.941	2.278
29) L7 Aroclor-1260 {3}	19.43	24.46	74	63	1.661	2.566 #
Total Aroclor-1260			428	305	10.748	9.138
Average Aroclor-1260					3.583	3.046

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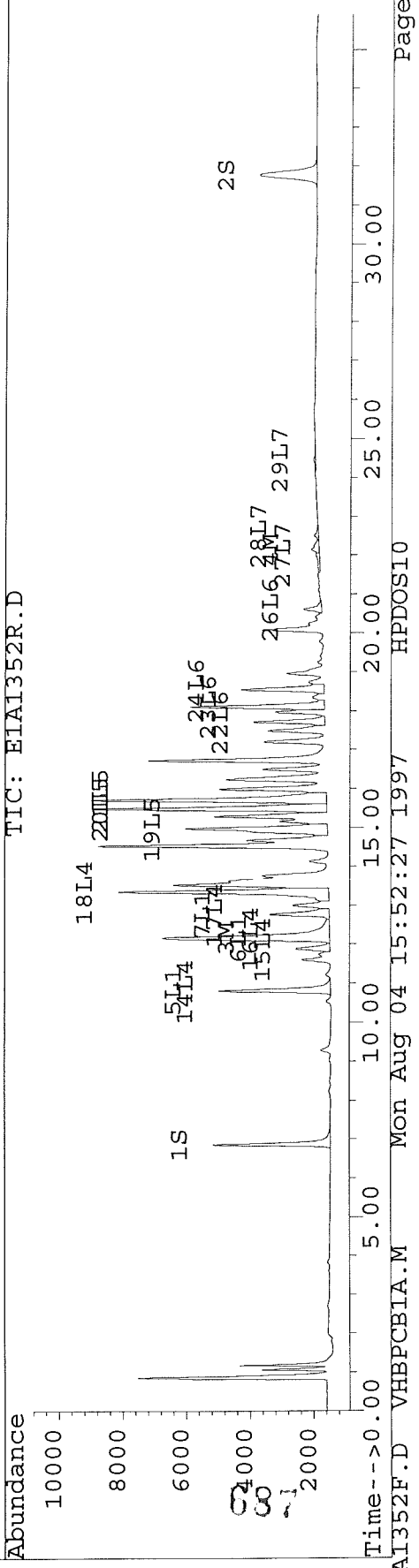
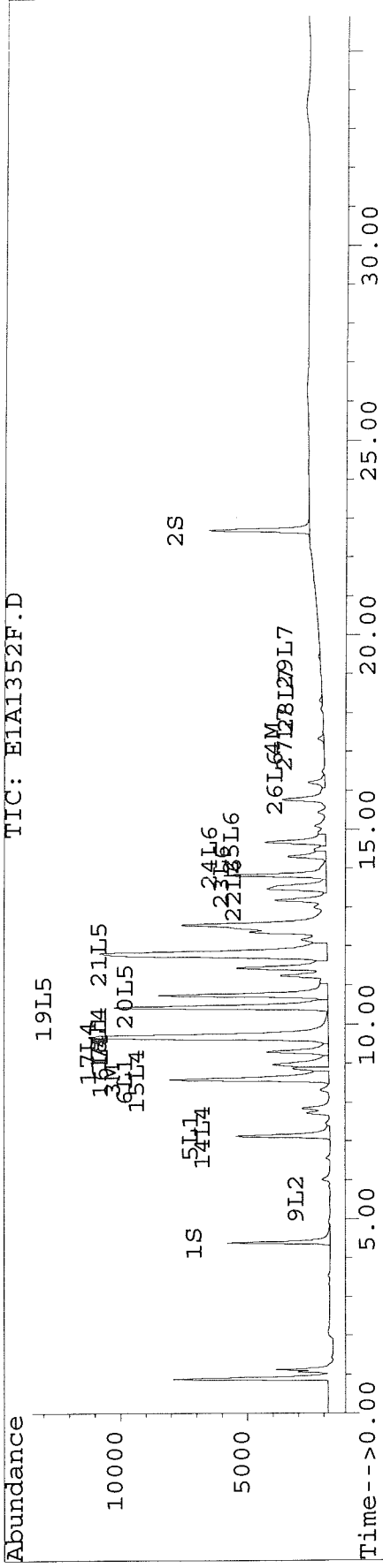
686

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1352F.D Vial: 65
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1352R.D
Acq On : 04 Aug 97 01:54 PM Operator: JS/GML
Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 4 15:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 10:11:35 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1353F.D Vial: 66
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1353F.D\E1A1353R.D
 Acq On : 04 Aug 97 02:33 PM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 15:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.86	4538	3960	19.866	18.753
			Recovery	=	49.67%	46.88%
2) S Decachlorobiphenyl	22.69	31.79	4214	1899	17.316	16.748
			Recovery	=	43.29%	41.87%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.60	12.16	210	201	2.355	2.280
4) M 2,2',3,3',4,4'-Hexa	17.33	22.14	3298	2698	18.125	16.391
5) L1 Aroclor-1016	7.13	10.81	160	158	5.093	5.348
6) L1 Aroclor-1016 {2}	8.60	12.16	210	201	4.634	5.448
7) L1 Aroclor-1016 {3}	9.64f	12.77	5625	66	232.968	3.815 #
Total Aroclor-1016			5995	426	242.694	14.611
Average Aroclor-1016					80.898	4.870
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52	0.00	34	0	4.984	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			34	0	4.984	N.D.
Average Aroclor-1221					4.984	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	7.13	10.81	160	158	4.378	4.552
15) L4 Aroclor-1242 {2}	8.60	11.89	210	58	3.937	3.825
16) L4 Aroclor-1242 {3}	8.97	12.16	81	201	3.789	4.685
17) L4 Aroclor-1242 (4)	9.29	12.77	74	66	4.220	3.272
18) L4 Aroclor-1242 (5)	9.64f	13.35	5625	5181	199.634	267.887 #
Total Aroclor-1242			6150	5665	215.958	284.222
Average Aroclor-1242					43.192	56.844
19) L5 Aroclor-1248	10.43	14.98	2782	808	103.550	53.603 #

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1353F.D Vial: 66
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1353F.D\E1A1353R.D
 Acq On : 04 Aug 97 02:33 PM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 15:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	991	3567	44.355	149.548 #
21) L5 Aroclor-1248 {3}	0.00	15.72	0	1169	N.D.	46.939 #
Total Aroclor-1248			3773	5543	147.904	250.089
Average Aroclor-1248					73.952	83.363
22) L6 Aroclor-1254	13.46	17.72	6689	6504	187.164	184.949
23) L6 Aroclor-1254 {2}	13.80	18.11	14158	14354	187.150	186.256
24) L6 Aroclor-1254 {3}	14.29	18.55	6969	8597	191.267	179.695
25) L6 Aroclor-1254 (4)	14.66	19.05	8443	6136	185.013	187.036
26) L6 Aroclor-1254 (5)	16.20	20.60	11113	9265	184.502	178.620
Total Aroclor-1254			47372	44856	935.095	916.556 OK
Average Aroclor-1254				<i>OK</i>	187.019	183.311
27) L7 Aroclor-1260	17.33	22.01	3298	623	101.572	24.871 #
28) L7 Aroclor-1260 {2}	18.31	22.51	1609	1471	25.760	24.985
29) L7 Aroclor-1260 {3}	19.43	24.46	1083	764	24.233	30.868 #
Total Aroclor-1260			5990	2858	151.565	80.724
Average Aroclor-1260					50.522	26.908

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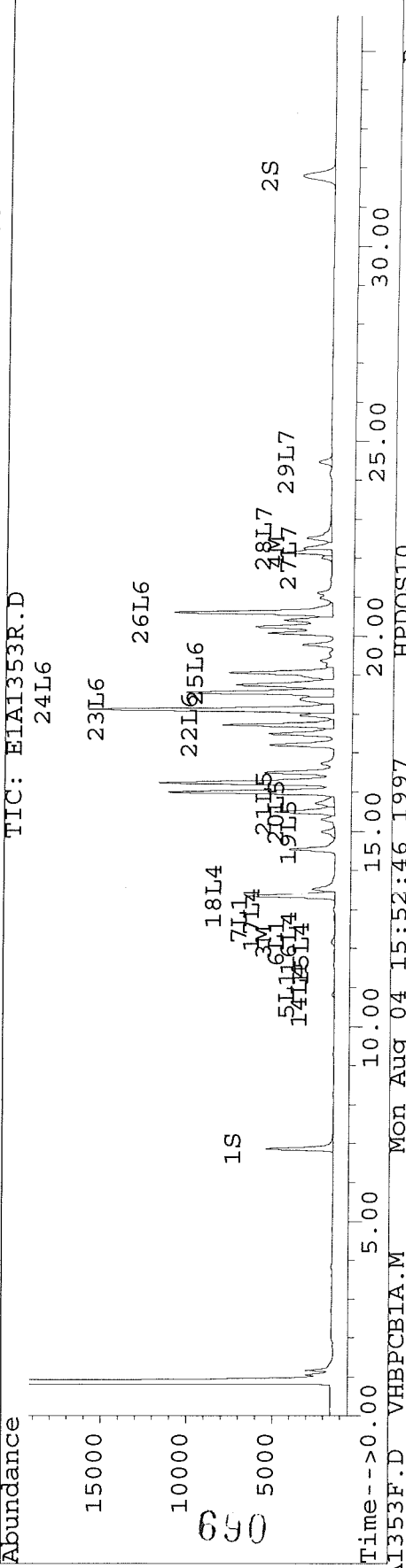
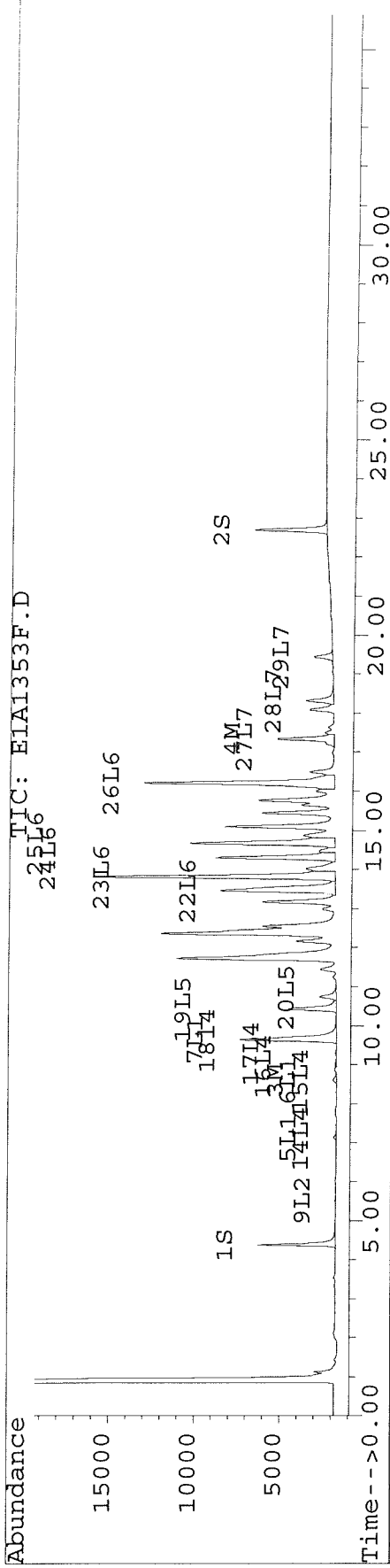
689

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1353F.D Vial: 66
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1353R.D
Acq On : 04 Aug 97 02:33 PM Operator: JS/GML
Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 4 15:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 10:11:35 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1354F.D Vial: 67
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1354F.D\E1A1354R.D
 Acq On : 04 Aug 97 03:13 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 15:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.37	6.86	4623	3966	20.234	18.780
			Recovery	=	50.59%	46.95%
2) S Decachlorobiphenyl	22.69	31.79	4487	2022	18.439	17.836
			Recovery	=	46.10%	44.59%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.17	14663	11955	164.363	135.318
4) M 2,2',3,3',4,4'-Hexa	17.33	22.16	10205	2511	56.075	15.257 #
5) L1 Aroclor-1016	7.12	10.80	10077	9498	320.757	321.223
6) L1 Aroclor-1016 {2}	8.58	12.17	14663	11955	323.387	323.241
7) L1 Aroclor-1016 {3}	9.68	12.76	8044	5410	333.113	311.932
Total Aroclor-1016			32783	26863	977.257	956.397 OK
Average Aroclor-1016				OK	325.752	318.799
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	7.12	10.80	10077	9498	275.757	273.396
15) L4 Aroclor-1242 {2}	8.58	11.88	14663	4262	274.737	280.353
16) L4 Aroclor-1242 {3}	8.97	12.17	5941	11955	278.471	278.021
17) L4 Aroclor-1242 (4)	9.29	12.76	4891	5410	278.930	267.540
18) L4 Aroclor-1242 (5)	9.68	13.34	8044	5407	285.450	279.571
Total Aroclor-1242			43615	36532	1393.344	1378.880
Average Aroclor-1242					278.669	275.776
19) L5 Aroclor-1248	10.43	14.98	6751	2963	251.296	196.690

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1354F.D Vial: 67
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1354F.D\E1A1354R.D
 Acq On : 04 Aug 97 03:13 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 15:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	4760	818	213.047	34.274 #
21) L5 Aroclor-1248 {3}	0.00	15.71	0	1456	N.D.	58.480 #
Total Aroclor-1248			11512	5237	464.342	289.444
Average Aroclor-1248					232.171	96.481
22) L6 Aroclor-1254	0.00	17.72	0	767	N.D.	21.806 #
23) L6 Aroclor-1254 {2}	13.81	18.09	7616	6918	100.677	89.768
24) L6 Aroclor-1254 {3}	14.29	0.00	12021	0	329.918	N.D. #
25) L6 Aroclor-1254 (4)	14.67	19.05	1436	13349	31.475	406.906 #
26) L6 Aroclor-1254 (5)	16.20	20.60	13378	11391	222.119	219.597
Total Aroclor-1254			34452	32425	684.189	738.076
Average Aroclor-1254					171.047	184.519
27) L7 Aroclor-1260	17.33	22.01	10205	8149	314.250	325.377
28) L7 Aroclor-1260 {2}	18.31	22.50	20492	20086	328.148	341.078
29) L7 Aroclor-1260 {3}	19.43	24.46	14269	7969	319.346	322.188
Total Aroclor-1260			44966	36204	961.744	988.643
Average Aroclor-1260					320.581	329.548

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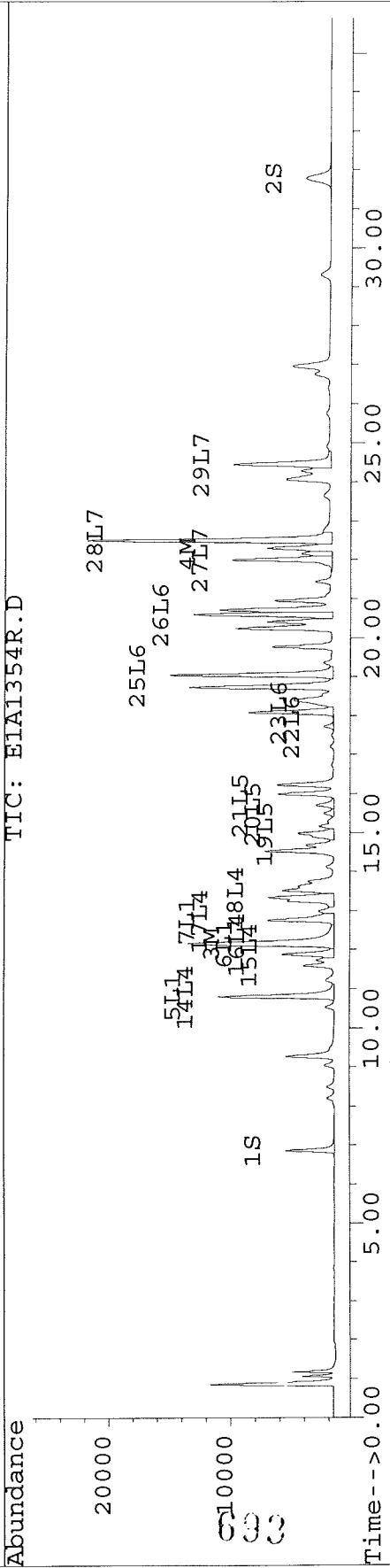
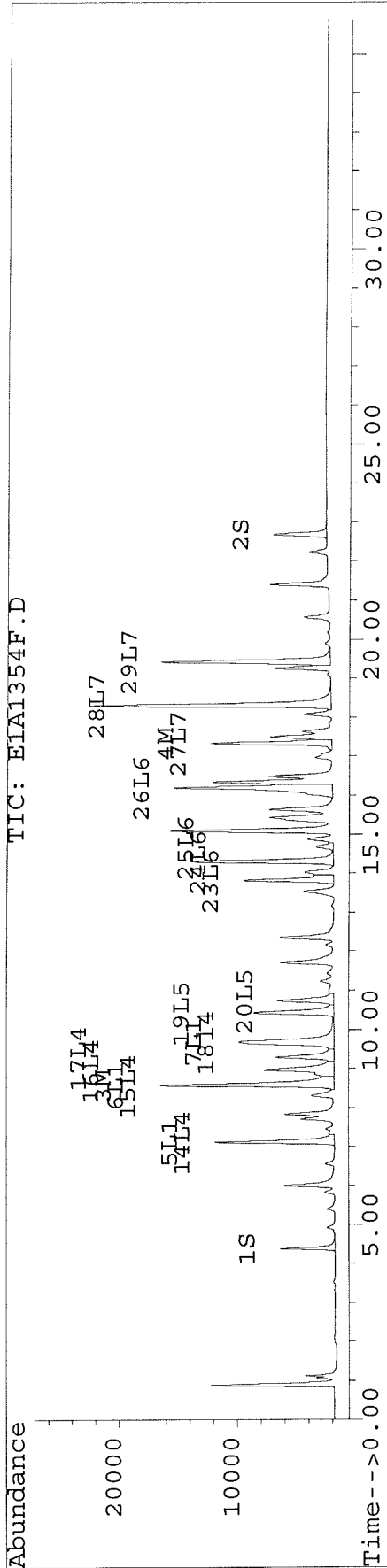
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1354F.D Vial: 67
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970802\E1A1354F.D\E1A1354R.D
 Acq On : 04 Aug 97 03:13 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : EI
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 4 15:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 10:11:35 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
 Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
 Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1392F.D Vial: 76
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1392F.D\E1A1392R.D
 Acq On : 04 Aug 97 10:46 PM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 8:09 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.86	1828	1625	8.000	7.694
			Recovery	=	20.00%	19.24%
2) S Decachlorobiphenyl	22.68	31.79	3455	1311	14.200	11.568
			Recovery	=	35.50%	28.92%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.18	75939	74744	851.230	846.022
4) M 2,2',3,3',4,4'-Hexa	17.32	22.14	155795	144263	856.075	876.453
5) L1 Aroclor-1016	7.16f	0.00	83	0	2.653	N.D. #
6) L1 Aroclor-1016 {2}	8.57	12.18	75939	74744	1674.809	2020.944
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			76023	74744	1677.462	2020.944
Average Aroclor-1016					838.731	2020.944
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52	0.00	42	0	6.122	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			42	0	6.122	N.D.
Average Aroclor-1221					6.122	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	10.98f	0	87	N.D.	6.181 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	87	N.D.	6.181
Average Aroclor-1232					0.000	6.181
14) L4 Aroclor-1242	7.16f	0.00	83	0	2.281	N.D. #
15) L4 Aroclor-1242 {2}	8.57	11.86	75939	64	1422.852	4.233 #
16) L4 Aroclor-1242 {3}	0.00	12.18	0	74744	N.D.	1738.219 #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			76023	74809	1425.133	1742.453
Average Aroclor-1242					712.566	871.226
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1392F.D Vial: 76
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1392F.D\E1A1392R.D
 Acq On : 04 Aug 97 10:46 PM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 8:09 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.70	0.00	112	0	5.012	N.D. #
21) L5 Aroclor-1248 {3}	11.84f	15.72	24	80	0.842	3.196 #
Total Aroclor-1248			136	80	5.854	3.196
Average Aroclor-1248					2.927	3.196
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	14.29	0.00	456	0	12.516	N.D. #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			456	0	12.516	N.D.
Average Aroclor-1254					12.516	0.000
27) L7 Aroclor-1260	17.32	0.00	155795	0	4797.524	N.D. #
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
29) L7 Aroclor-1260 {3}	0.00	24.46	0	454	N.D.	18.352 #
Total Aroclor-1260			155795	454	4797.524	18.352
Average Aroclor-1260					4797.524	18.352

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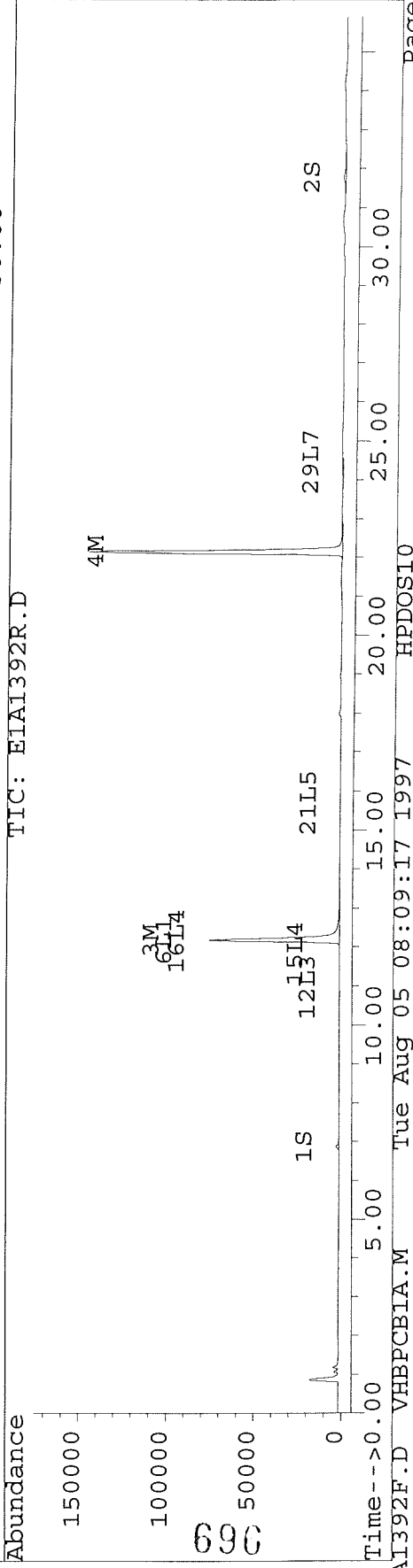
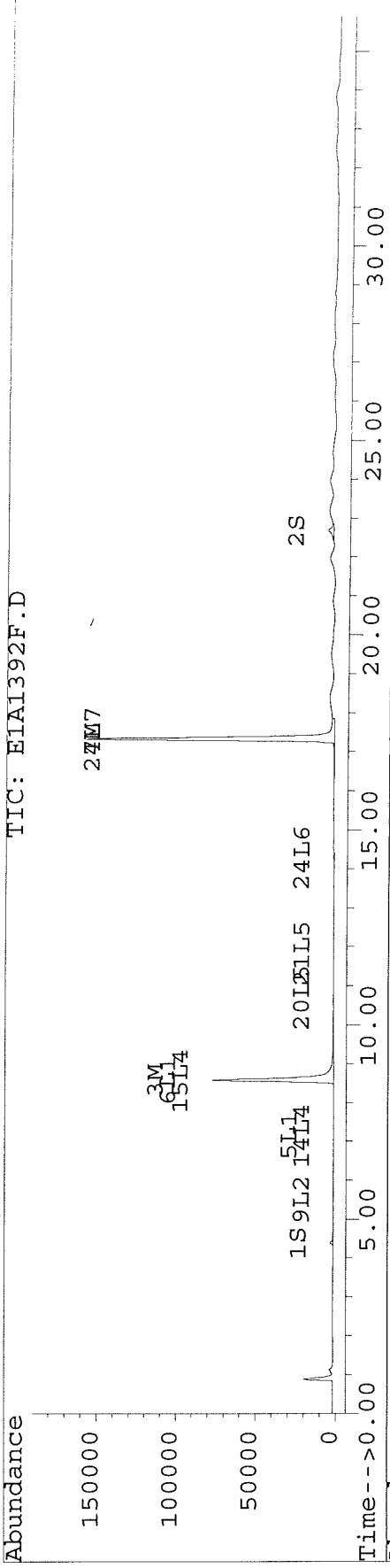
695

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1392F.D Vial: 76
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1392R.D
Acq On : 04 Aug 97 10:46 PM Operator: JS/GML
Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 5 8:09 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1393F.D Vial: 77
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1393F.D\E1A1393R.D
 Acq On : 04 Aug 97 11:26 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 8:09 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.86	4256	3768	18.628	17.843
			Recovery	=	46.57%	44.61%
2) S Decachlorobiphenyl	22.69	31.78	3850	1956	15.820	17.258
			Recovery	=	39.55%	43.15%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.17	10447	8534	117.100	96.595
4) M 2,2',3,3',4,4'-Hexa	17.33	22.13	93	744	0.511	4.519 #
5) L1 Aroclor-1016	7.12	10.81	7295	7023	232.200	237.515
6) L1 Aroclor-1016 {2}	8.58	12.17	10447	8534	230.397	230.742
7) L1 Aroclor-1016 {3}	9.68	12.76	5950	3966	246.426	228.640
Total Aroclor-1016			23692	19522	709.023	696.897
Average Aroclor-1016					236.341	232.299
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	7.12	10.81	7295	7023	199.624	202.152
15) L4 Aroclor-1242 {2}	8.58	11.88	10447	3163	195.736	208.098
16) L4 Aroclor-1242 {3}	8.97	12.17	4300	8534	201.549	198.462
17) L4 Aroclor-1242 (4)	9.29	12.76	3499	3966	199.552	196.101
18) L4 Aroclor-1242 (5)	9.68	13.34	5950	4102	211.167	212.115
Total Aroclor-1242			31491	26788	<u>1007.628</u>	<u>1016.926</u>
Average Aroclor-1242					201.526	203.385
19) L5 Aroclor-1248	10.43	14.98	5312	2695	197.741	178.878

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1393F.D Vial: 77
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1393F.D\E1A1393R.D
 Acq On : 04 Aug 97 11:26 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 8:09 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	4141	4125	185.342	172.954
21) L5 Aroclor-1248 {3}	11.81	15.71	5087	4687	180.743	188.239
Total Aroclor-1248			14540	11507	563.827	540.071
Average Aroclor-1248					187.942	180.024
22) L6 Aroclor-1254	13.46	17.72	937	801	26.210	22.766
23) L6 Aroclor-1254 {2}	13.81	18.11	1477	1494	19.522	19.387
24) L6 Aroclor-1254 {3}	14.29	18.55	634	971	17.399	20.294
25) L6 Aroclor-1254 (4)	14.67	0.00	873	0	19.140	N.D. #
26) L6 Aroclor-1254 (5)	16.21	20.61	238	321	3.946	6.192 #
Total Aroclor-1254			4159	3587	86.216	68.640
Average Aroclor-1254					17.243	17.160
27) L7 Aroclor-1260	17.33	0.00	93	0	2.862	N.D. #
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
29) L7 Aroclor-1260 {3}	19.42	0.00	375	0	8.403	N.D. #
Total Aroclor-1260			468	0	11.265	N.D.
Average Aroclor-1260					5.632	0.000

lk

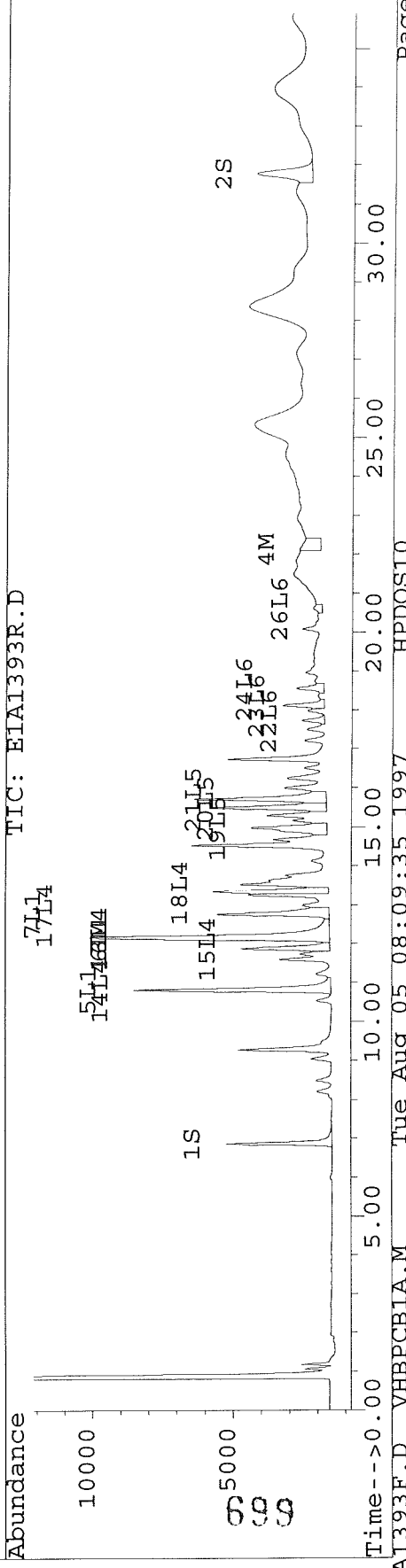
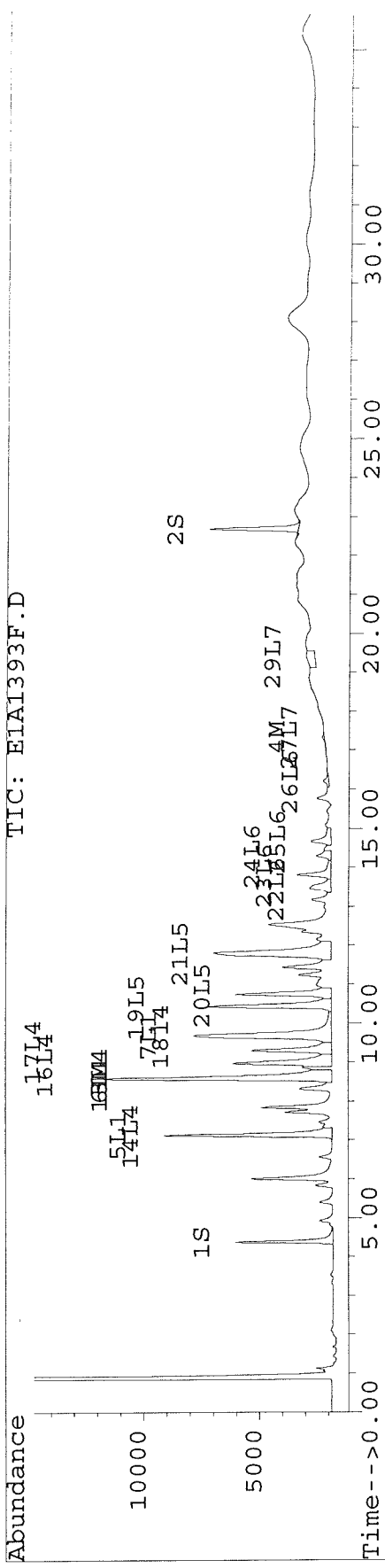
698

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1393F.D Vial: 77
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1393R.D
Acq On : 04 Aug 97 11:26 PM Operator: JS/GML
Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 5 8:09 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1394F.D Vial: 78
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1394F.D\E1A1394R.D
 Acq On : 05 Aug 97 00:05 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 8:09 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.86	4889	4206	21.398	19.919
			Recovery	=	53.50%	49.80%
2) S Decachlorobiphenyl	22.68	31.78	4599	2114	18.901	18.647
			Recovery	=	47.25%	46.62%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.16	7006	5758	78.535	65.169
4) M 2,2',3,3',4,4'-Hexa	17.33	22.12	308	1193	1.693	7.246 #
5) L1 Aroclor-1016	7.12	10.80	4142	3869	131.863	130.843
6) L1 Aroclor-1016 {2}	8.58	12.16	7006	5758	154.518	155.674
7) L1 Aroclor-1016 {3}	9.67	12.76	10245	2004	424.271	115.532 #
Total Aroclor-1016			21393	11630	710.652	402.050
Average Aroclor-1016					236.884	134.017
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52	0.00	41	0	6.046	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			41	0	6.046	N.D.
Average Aroclor-1221					6.046	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	7.12	10.80	4142	3869	113.364	111.362
15) L4 Aroclor-1242 {2}	8.58	11.88	7006	1151	131.272	75.696 #
16) L4 Aroclor-1242 {3}	8.96	12.16	2458	5758	115.210	133.896
17) L4 Aroclor-1242 (4)	9.28	12.76	2756	2004	157.178	99.090 #
18) L4 Aroclor-1242 (5)	9.67	13.34	10245	7107	363.565	367.488
Total Aroclor-1242			26607	19888	880.588	787.533
Average Aroclor-1242					176.118	157.507
19) L5 Aroclor-1248	10.42	14.98	9325	4960	347.085	329.236

700

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1394F.D Vial: 78
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1394F.D\E1A1394R.D
 Acq On : 05 Aug 97 00:05 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 8:09 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	7485	8189	334.961	343.345
21) L5 Aroclor-1248 {3}	11.80	15.71	9861	8374	350.396	336.298
Total Aroclor-1248			26670	21523	1032.442	1008.879 ^{0.1c}
Average Aroclor-1248					^{0.1c} 344.147	336.293
22) L6 Aroclor-1254	13.46	17.72	2670	2761	74.704	78.521
23) L6 Aroclor-1254 {2}	13.80	18.11	4501	4973	59.498	64.530
24) L6 Aroclor-1254 {3}	14.29	18.54	1755	3373	48.153	70.503 #
25) L6 Aroclor-1254 (4)	14.66	0.00	2788	0	61.099	N.D. #
26) L6 Aroclor-1254 (5)	16.20	20.60	793	1498	13.170	28.877 #
Total Aroclor-1254			12507	12605	256.623	242.431
Average Aroclor-1254					51.325	60.608
27) L7 Aroclor-1260	17.33	21.98	308	1332	9.488	53.188 #
28) L7 Aroclor-1260 {2}	18.31	22.49	319	623	5.105	10.583 #
29) L7 Aroclor-1260 {3}	19.42	24.48	176	992	3.942	40.107 #
Total Aroclor-1260			803	2947	18.536	103.878
Average Aroclor-1260					6.179	34.626

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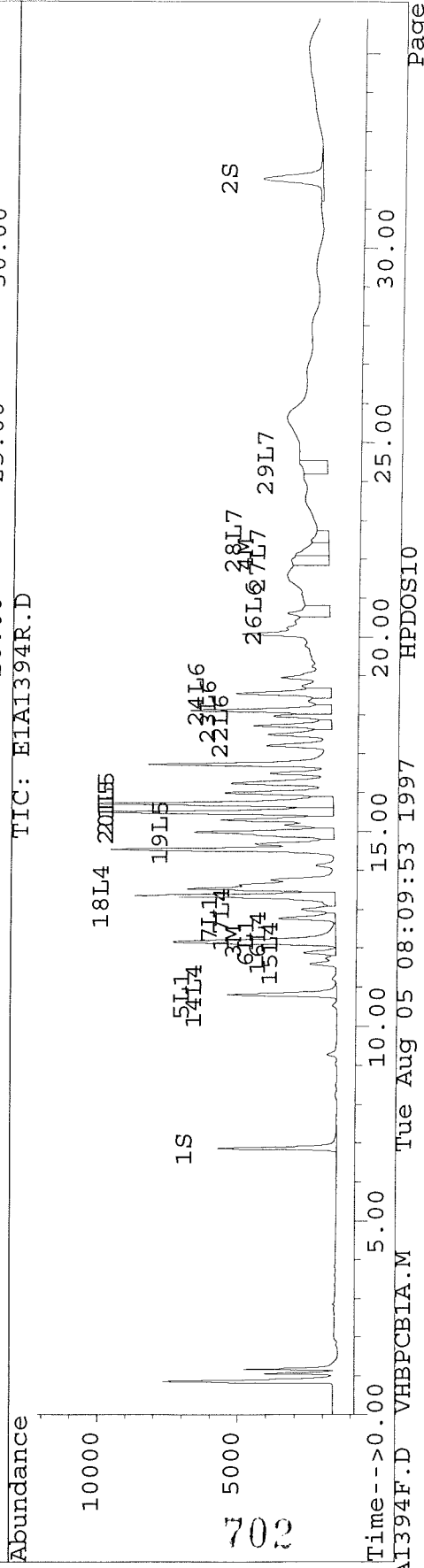
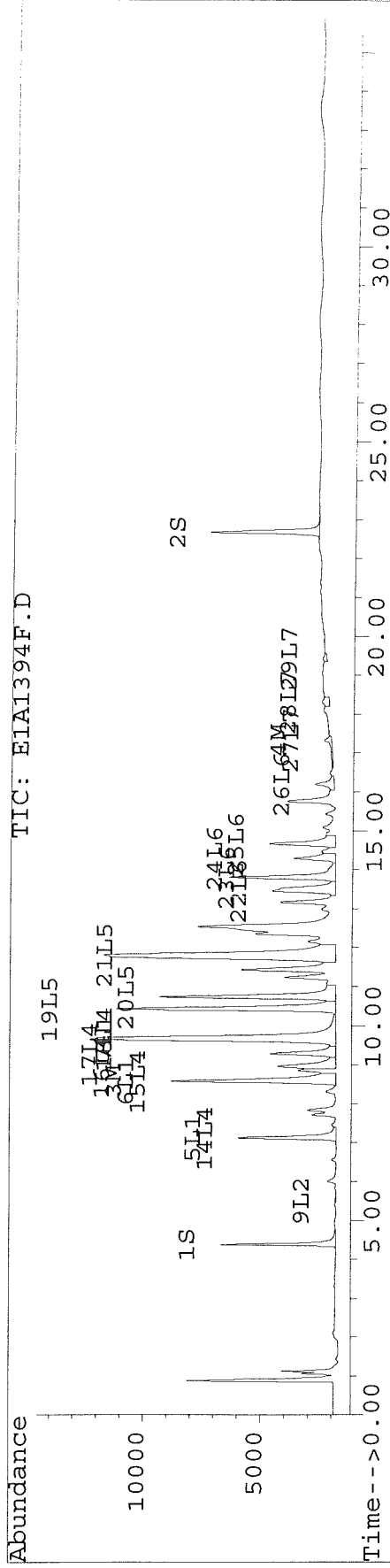
701

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1394F.D Vial: 78
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1394R.D
Acq On : 05 Aug 97 00:05 AM Operator: JS/GML
Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 5 8:09 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1395F.D Vial: 79
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1395F.D\E1A1395R.D
 Acq On : 05 Aug 97 00:45 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 8:09 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.37	6.86	4917	4181	21.522	19.799
			Recovery	=	53.80%	49.50%
2) S Decachlorobiphenyl	22.68	31.79	4692	2095	19.283	18.479
			Recovery	=	48.21%	46.20%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.59	12.16	216	210	2.422	2.376
4) M 2,2',3,3',4,4'-Hexa	17.33	22.14	3568	3759	19.607	22.837
5) L1 Aroclor-1016	7.13	10.81	170	166	5.400	5.620
6) L1 Aroclor-1016 {2}	8.59	12.16	216	210	4.765	5.676
7) L1 Aroclor-1016 {3}	9.63f	12.77	5834	72	241.611	4.146 #
Total Aroclor-1016			6220	448	251.776	15.442
Average Aroclor-1016					83.925	5.147
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52	0.00	39	0	5.682	N.D. #
10) L2 Aroclor-1221 {3}	0.00	9.37	0	24	N.D.	1.466 #
Total Aroclor-1221			39	24	5.682	1.466
Average Aroclor-1221					5.682	1.466
11) L3 Aroclor-1232	0.00	9.37	0	24	N.D.	1.622 #
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	24	N.D.	1.622
Average Aroclor-1232					0.000	1.622
14) L4 Aroclor-1242	7.13	10.81	170	166	4.642	4.784
15) L4 Aroclor-1242 {2}	8.59	11.89	216	63	4.048	4.156
16) L4 Aroclor-1242 {3}	8.97	12.16	82	210	3.842	4.882 #
17) L4 Aroclor-1242 (4)	9.29	12.77	76	72	4.343	3.556
18) L4 Aroclor-1242 (5)	9.63f	13.34	5834	5281	207.041	273.056 #
Total Aroclor-1242			6378	5792	223.916	290.433
Average Aroclor-1242					44.783	58.087
19) L5 Aroclor-1248	10.42	14.98	2915	881	108.517	58.499 #

703

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1395F.D Vial: 79
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1395F.D\E1A1395R.D
 Acq On : 05 Aug 97 00:45 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 8:09 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	1025	3719	45.861	155.932 #
21) L5 Aroclor-1248 {3}	0.00	15.71	0	1309	N.D.	52.589 #
Total Aroclor-1248			3940	5910	154.378	267.021
Average Aroclor-1248					77.189	89.007
22) L6 Aroclor-1254	13.45	17.72	7058	6850	197.498	194.784
23) L6 Aroclor-1254 {2}	13.80	18.11	15035	14987	198.742	194.469
24) L6 Aroclor-1254 {3}	14.29	18.54	7338	9290	201.383	194.188
25) L6 Aroclor-1254 (4)	14.66	19.05	9025	6517	197.761	198.649
26) L6 Aroclor-1254 (5)	16.20	20.60	11868	10021	197.043	193.192
Total Aroclor-1254			50324	47665	<u>992.427</u>	975.281 OK
Average Aroclor-1254				<u>OK</u>	198.485	195.056
27) L7 Aroclor-1260	17.33	22.01	3568	1436	109.878	57.316 #
28) L7 Aroclor-1260 {2}	18.31	22.51	1743	2606	27.916	44.251 #
29) L7 Aroclor-1260 {3}	19.43	24.46	1175	1312	26.307	53.025 #
Total Aroclor-1260			6487	5353	164.102	154.592
Average Aroclor-1260					54.701	51.531

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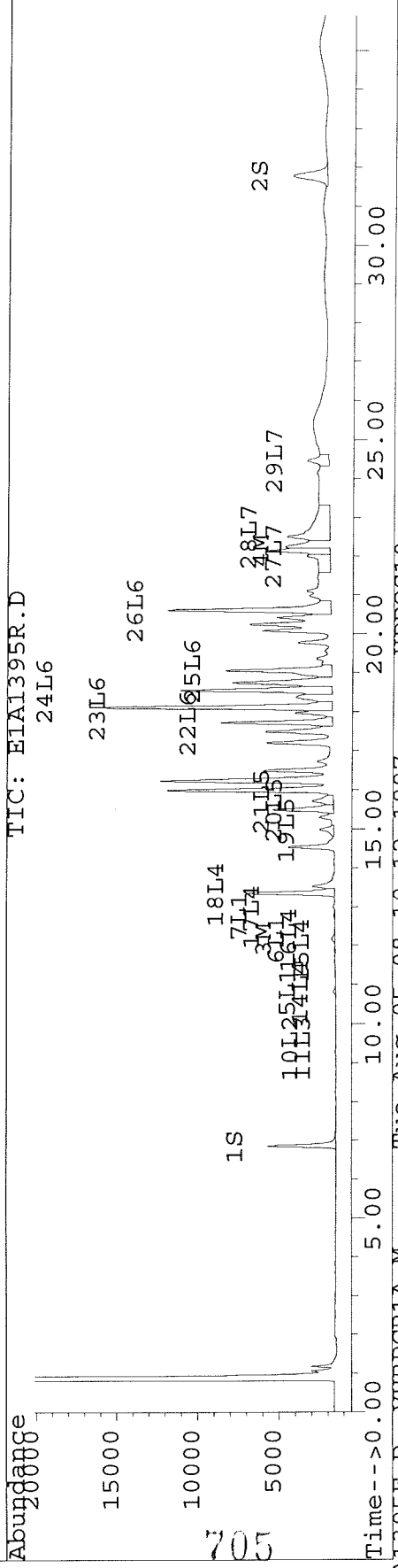
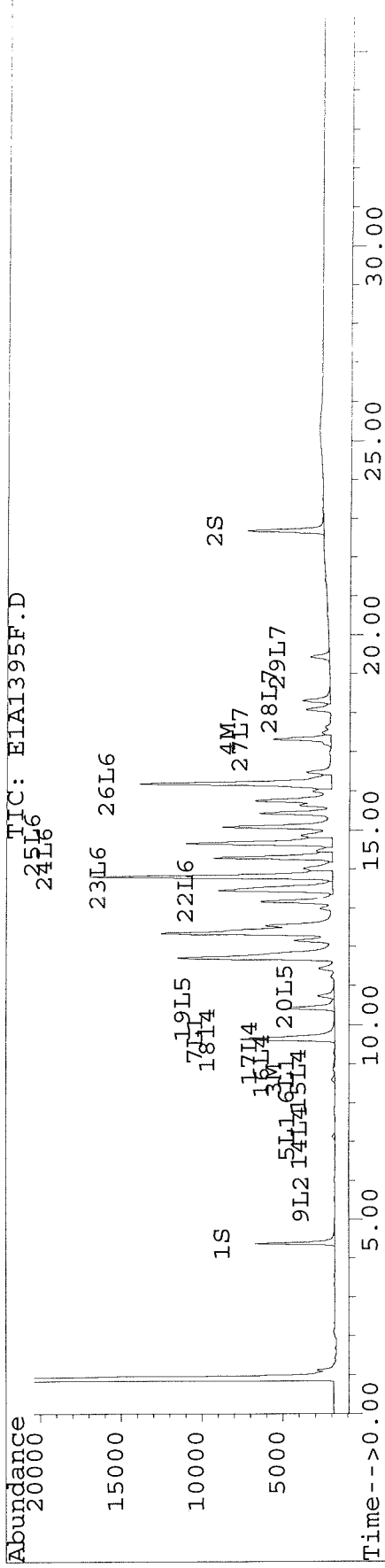
704

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\EIA1395F.D Vial: 79
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\EIA1395R.D
 Acq On : 05 Aug 97 00:45 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 8:09 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1396F.D Vial: 80
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1396F.D\E1A1396R.D
 Acq On : 05 Aug 97 01:25 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 8:10 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.86	4624	4083	20.241	19.334
			Recovery	=	50.60%	48.34%
2) S Decachlorobiphenyl	22.68	31.79	4766	2572	19.584	22.687
			Recovery	=	48.96%	56.72%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.17	15037	12311	168.559	139.347
4) M 2,2',3,3',4,4'-Hexa	17.33	22.16	10606	3153	58.280	19.157 #
5) L1 Aroclor-1016	7.12	10.81	10281	9704	327.272	328.177
6) L1 Aroclor-1016 {2}	8.58	12.17	15037	12311	331.643	332.867
7) L1 Aroclor-1016 {3}	9.68	12.76	8286	5600	343.173	322.860
Total Aroclor-1016			33605	27614	1002.088	983.904 OK
Average Aroclor-1016					334.029	327.968
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	7.12	10.81	10281	9704	281.358	279.315
15) L4 Aroclor-1242 {2}	8.58	11.88	15037	4383	281.751	288.348
16) L4 Aroclor-1242 {3}	8.97	12.17	6056	12311	283.872	286.299
17) L4 Aroclor-1242 (4)	9.29	12.76	5056	5600	288.338	276.912
18) L4 Aroclor-1242 (5)	9.68	13.34	8286	5562	294.071	287.622
Total Aroclor-1242			44717	37560	1429.390	1418.497
Average Aroclor-1242					285.878	283.699
19) L5 Aroclor-1248	10.43	14.98	6976	3024	259.655	200.717

706

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1396F.D Vial: 80
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1396F.D\E1A1396R.D
 Acq On : 05 Aug 97 01:25 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 8:10 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.50	4953	839	221.668	35.170 #
21) L5 Aroclor-1248 {3}	0.00	15.71	0	1511	N.D.	60.695 #
Total Aroclor-1248			11929	5374	481.323	296.581
Average Aroclor-1248					240.662	98.860
22) L6 Aroclor-1254	0.00	17.72	0	837	N.D.	23.792 #
23) L6 Aroclor-1254 {2}	13.81	18.09	7837	7241	103.595	93.950
24) L6 Aroclor-1254 {3}	14.29	18.54	12504	995	343.159	20.793 #
25) L6 Aroclor-1254 (4)	14.67	19.05	1480	13861	32.422	422.516 #
26) L6 Aroclor-1254 (5)	16.20	20.60	13977	11942	232.065	230.219
Total Aroclor-1254			35798	34875	711.241	791.269
Average Aroclor-1254					177.810	158.254
27) L7 Aroclor-1260	17.33	22.01	10606	9012	326.607	359.832
28) L7 Aroclor-1260 {2}	18.30	22.50	21606	21567	345.992	366.243
29) L7 Aroclor-1260 {3}	19.42	24.46	14797	8636	331.170	349.152 OK
Total Aroclor-1260			47010	39216	1003.769	1075.227
Average Aroclor-1260					334.590	358.409

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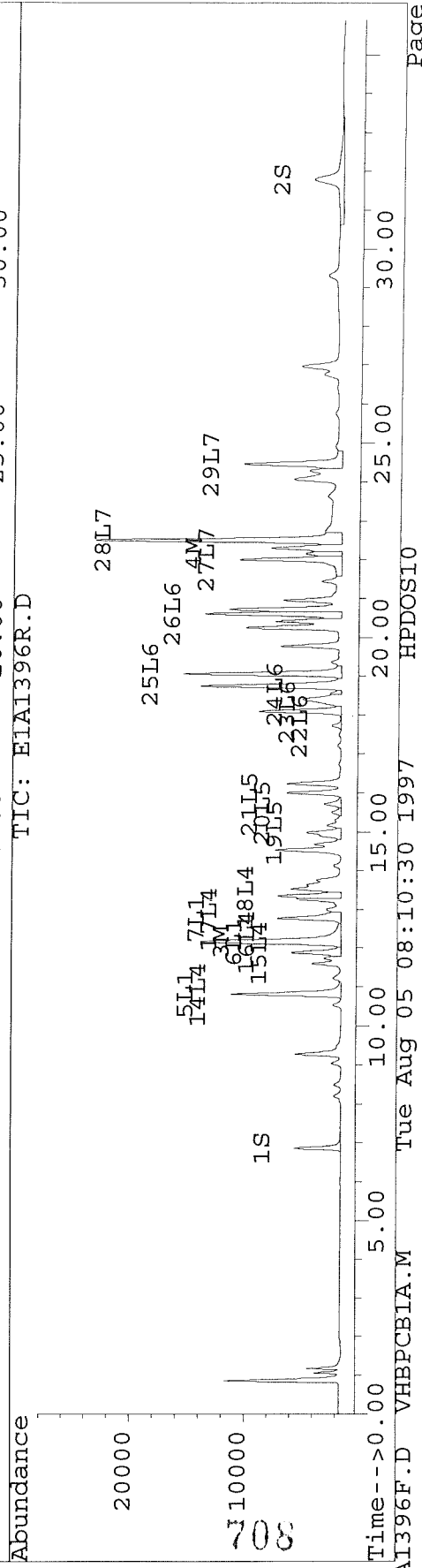
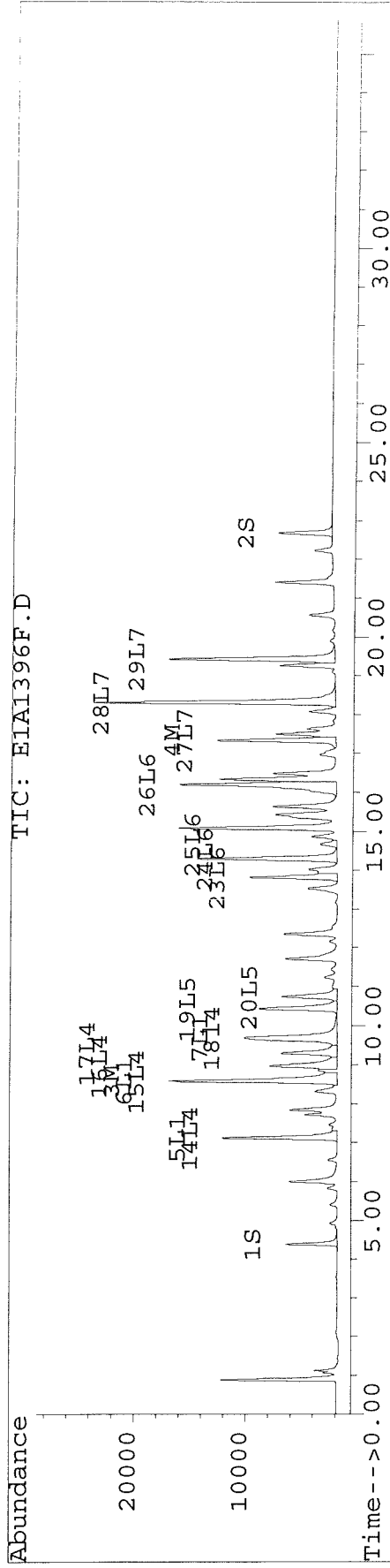
707

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1396F.D Vial: 80
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1396R.D
 Acq On : 05 Aug 97 01:25 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 8:10 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1408F.D Vial: 90
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1408F.D\E1A1408R.D
 Acq On : 05 Aug 97 09:57 AM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 13:10 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	2142	1898	9.374	8.990
			Recovery	=	23.44%	22.48%
2) S Decachlorobiphenyl	22.68	31.79	2072	1111	8.514	9.799
			Recovery	=	21.29%	24.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.18	88381	87312	990.696	988.276
4) M 2,2',3,3',4,4'-Hexa	17.32	22.14	168673	154659	926.837 ^{OK}	939.612 ^{OK}
5) L1 Aroclor-1016	7.16f	0.00	94	0	3.001	N.D. #
6) L1 Aroclor-1016 {2}	8.57	12.18	88381	87312	1949.210	2360.753
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			88476	87312	1952.211	2360.753
Average Aroclor-1016					976.105	2360.753
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52	0.00	48	0	7.054	N.D. #
10) L2 Aroclor-1221 {3}	6.08	0.00	53	0	2.816	N.D. #
Total Aroclor-1221			101	0	9.871	N.D.
Average Aroclor-1221					4.935	0.000
11) L3 Aroclor-1232	6.08	0.00	53	0	3.252	N.D. #
12) L3 Aroclor-1232 {2}	0.00	10.90	0	53	N.D.	3.778 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			53	53	3.252	3.778
Average Aroclor-1232					3.252	3.778
14) L4 Aroclor-1242	7.16f	0.00	94	0	2.580	N.D. #
15) L4 Aroclor-1242 {2}	8.57	11.88	88381	61	1655.972	4.034 #
16) L4 Aroclor-1242 {3}	0.00	12.18	0	87312	N.D.	2030.490 #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			88476	87373	1658.552	2034.525
Average Aroclor-1242					829.276	1017.262
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1408F.D Vial: 90
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1408F.D\E1A1408R.D
 Acq On : 05 Aug 97 09:57 AM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 13:10 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.69	15.47	156	89	6.973	3.736 #
21) L5 Aroclor-1248 {3}	11.83f	15.72	28	110	1.005	4.415 #
Total Aroclor-1248			184	199	7.978	8.150
Average Aroclor-1248					3.989	4.075
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	14.29	0.00	673	0	18.477	N.D. #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			673	0	18.477	N.D.
Average Aroclor-1254					18.477	0.000
27) L7 Aroclor-1260	17.32	0.00	168673	0	5194.080	N.D. #
28) L7 Aroclor-1260 {2}	18.32	0.00	85	0	1.360	N.D. #
29) L7 Aroclor-1260 {3}	19.44	24.46	82	1060	1.841	42.859 #
Total Aroclor-1260			168840	1060	5197.281	42.859
Average Aroclor-1260					1732.427	42.859

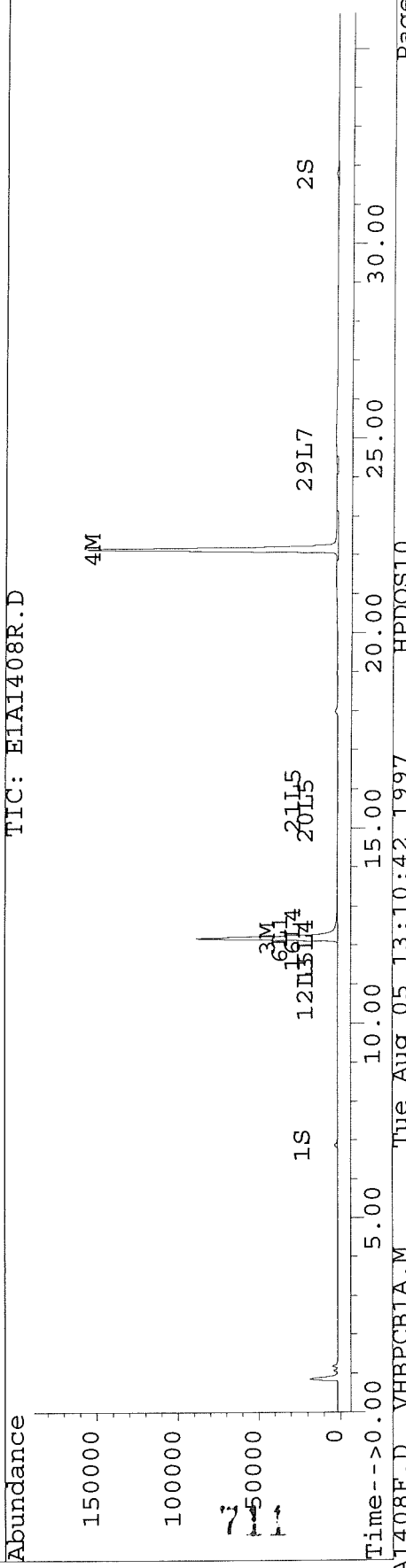
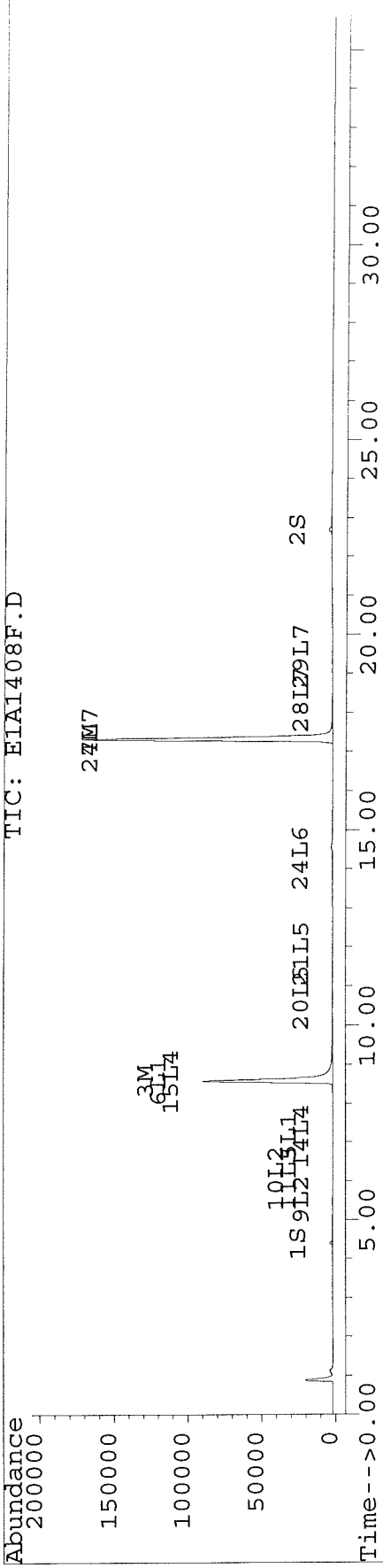
710

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1408F.D Vial: 90
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1408F.D
Acq On : 05 Aug 97 09:57 AM Operator: JS/GML
Sample : pcbcog3D,pcbocog3D,,pcbocog.spk Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 5 13:10 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1409F.D Vial: 91
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1409F.D\E1A1409R.D
 Acq On : 05 Aug 97 10:36 AM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 13:10 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.86	4194	3944	18.359	18.677
			Recovery	=	45.90%	46.69%
2) S Decachlorobiphenyl	22.68	31.80	4151	1820	17.058	16.058
			Recovery	=	42.65%	40.15%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.16	11525	9352	129.182	105.857
4) M 2,2',3,3',4,4'-Hexa	17.32	22.14	174	400	0.953	2.427 #
5) L1 Aroclor-1016	7.12	10.81	7636	7342	243.072	248.317
6) L1 Aroclor-1016 {2}	8.58	12.16	11525	9352	254.168	252.866
7) L1 Aroclor-1016 {3}	9.68	12.76	6324	4230	261.910	243.857
Total Aroclor-1016			25485	20924	759.151	745.040
Average Aroclor-1016					253.050	248.347
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	7.12	10.81	7636	7342	208.971	211.345
15) L4 Aroclor-1242 {2}	8.58	11.88	11525	3268	215.932	215.002
16) L4 Aroclor-1242 {3}	8.97	12.16	4645	9352	217.731	217.491
17) L4 Aroclor-1242 (4)	9.29	12.76	3833	4230	218.553	209.152
18) L4 Aroclor-1242 (5)	9.68	13.34	6324	4152 ^{ok}	224.435	214.688 ^{ok}
Total Aroclor-1242			33962	28344	1085.622	1067.677
Average Aroclor-1242					217.124	213.535
19) L5 Aroclor-1248	10.43	14.98	5627	2670	209.467	177.209

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1409F.D Vial: 91
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1409F.D\E1A1409R.D
 Acq On : 05 Aug 97 10:36 AM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 13:10 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	4427	4278	198.122	179.343
21) L5 Aroclor-1248 {3}	11.80	15.71	5618	4857	199.630	195.056
Total Aroclor-1248			15672	11804	607.214	551.609
Average Aroclor-1248					202.405	183.870
22) L6 Aroclor-1254	13.46	17.72	991	777	27.726	22.085
23) L6 Aroclor-1254 {2}	13.80	18.11	1587	1497	20.983	19.431
24) L6 Aroclor-1254 {3}	14.29	18.55	704	892	19.310	18.635
25) L6 Aroclor-1254 (4)	14.67	0.00	1014	0	22.210	N.D. #
26) L6 Aroclor-1254 (5)	16.20	20.61	338	312	5.616	6.009
Total Aroclor-1254			4634	3477	95.845	66.160
Average Aroclor-1254					19.169	16.540
27) L7 Aroclor-1260	17.32	0.00	174	0	5.343	N.D. #
28) L7 Aroclor-1260 {2}	18.32	22.51	34	299	0.543	5.084 #
29) L7 Aroclor-1260 {3}	0.00	24.45	0	226	N.D.	9.146 #
Total Aroclor-1260			207	526	5.886	14.230
Average Aroclor-1260					2.943	7.115

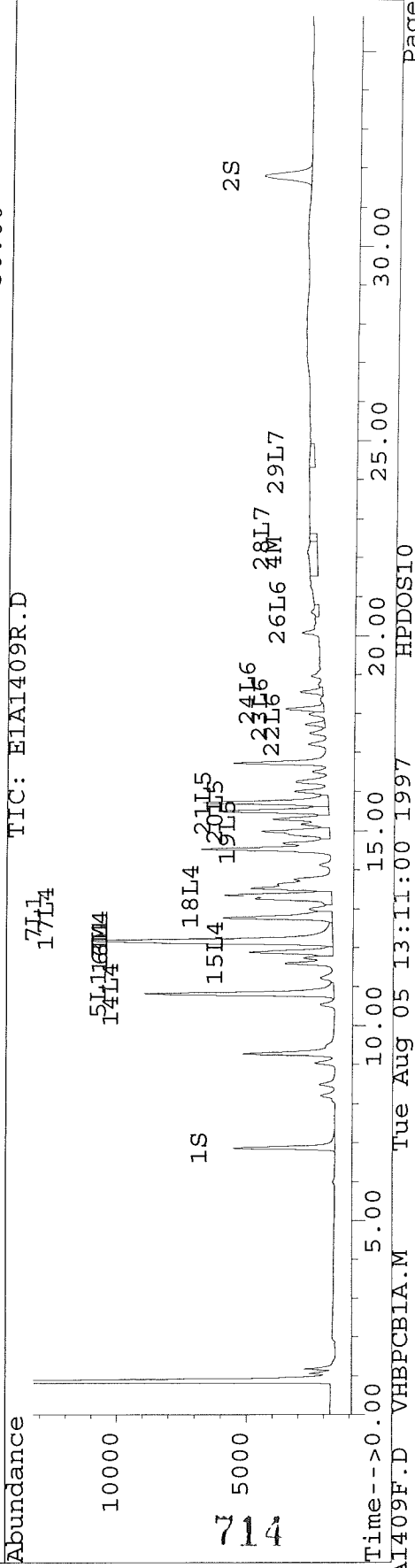
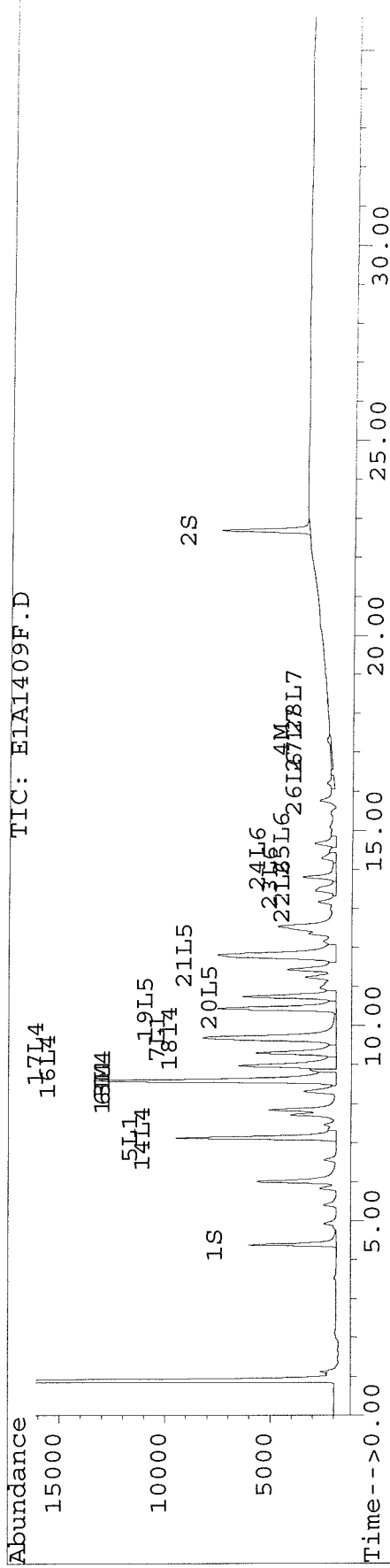
713

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1409F.D Vial: 91
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1409F.D
 Acq On : 05 Aug 97 10:36 AM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 5 13:10 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1410F.D Vial: 92
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1410F.D\E1A1410R.D
 Acq On : 05 Aug 97 11:16 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 13:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	4340	3895	18.996	18.443
			Recovery	=	47.49%	46.11%
2) S Decachlorobiphenyl	22.68	31.79	4007	1742	16.465	15.369
			Recovery	=	41.16%	38.42%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.16	6818	5669	76.425	64.165
4) M 2,2',3,3',4,4'-Hexa	17.33	22.15	237	455	1.305	2.763 #
5) L1 Aroclor-1016	7.13	10.81	3897	3673	124.063	124.205
6) L1 Aroclor-1016 {2}	8.58	12.16	6818	5669	150.368	153.276
7) L1 Aroclor-1016 {3}	9.68	12.76	9798	1966	405.782	113.360 #
Total Aroclor-1016			20514	11308	680.214	390.841
Average Aroclor-1016					226.738	130.280
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52	0.00	39	0	5.696	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			39	0	5.696	N.D.
Average Aroclor-1221					5.696	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	7.13	10.81	3897	3673	106.658	105.712
15) L4 Aroclor-1242 {2}	8.58	11.89	6818	1118	127.747	73.523 #
16) L4 Aroclor-1242 {3}	8.97	12.16	2388	5669	111.951	131.833
17) L4 Aroclor-1242 (4)	9.29	12.76	2621	1966	149.487	97.227 #
18) L4 Aroclor-1242 (5)	9.68	13.35	9798	6785	347.721	350.860
Total Aroclor-1242			25523	19211	843.564	759.156
Average Aroclor-1242					168.713	151.831
19) L5 Aroclor-1248	10.43	14.98	8821	4582	328.340	304.157

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1410F.D Vial: 92
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1410F.D\E1A1410R.D
 Acq On : 05 Aug 97 11:16 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 13:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	7027	7661	314.504	321.203
21) L5 Aroclor-1248 {3}	11.80	15.71	9647	7801	342.798	313.297
Total Aroclor-1248			25496	20044	985.642	938.657 <i>OK</i>
Average Aroclor-1248					328.547	312.886
22) L6 Aroclor-1254	13.46	17.72	2454	2257	68.666	64.184
23) L6 Aroclor-1254 {2}	13.80	18.11	4243	4295	56.090	55.732
24) L6 Aroclor-1254 {3}	14.29	18.55	1632	2721	44.786	56.886 #
25) L6 Aroclor-1254 (4)	14.66	0.00	2676	0	58.637	N.D. #
26) L6 Aroclor-1254 (5)	16.20	20.61	720	663	11.961	12.786
Total Aroclor-1254			11726	9937	240.141	189.589
Average Aroclor-1254					48.028	47.397
27) L7 Aroclor-1260	17.33	0.00	237	0	7.313	N.D. #
28) L7 Aroclor-1260 {2}	18.31	22.51	126	392	2.013	6.664 #
29) L7 Aroclor-1260 {3}	19.43	24.46	77	265	1.716	10.720 #
Total Aroclor-1260			440	658	11.042	17.384
Average Aroclor-1260					3.681	8.692

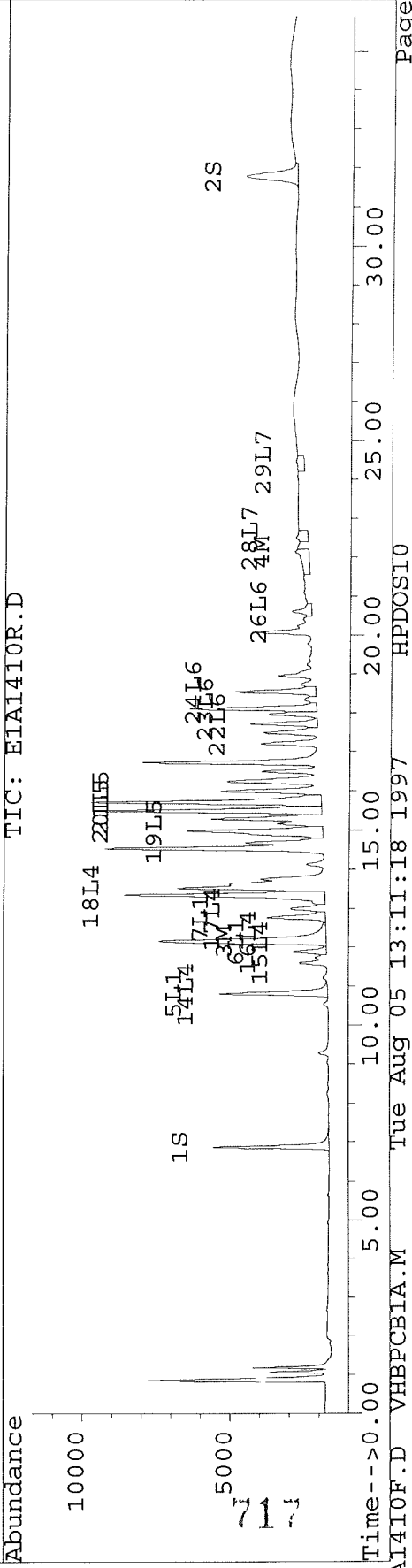
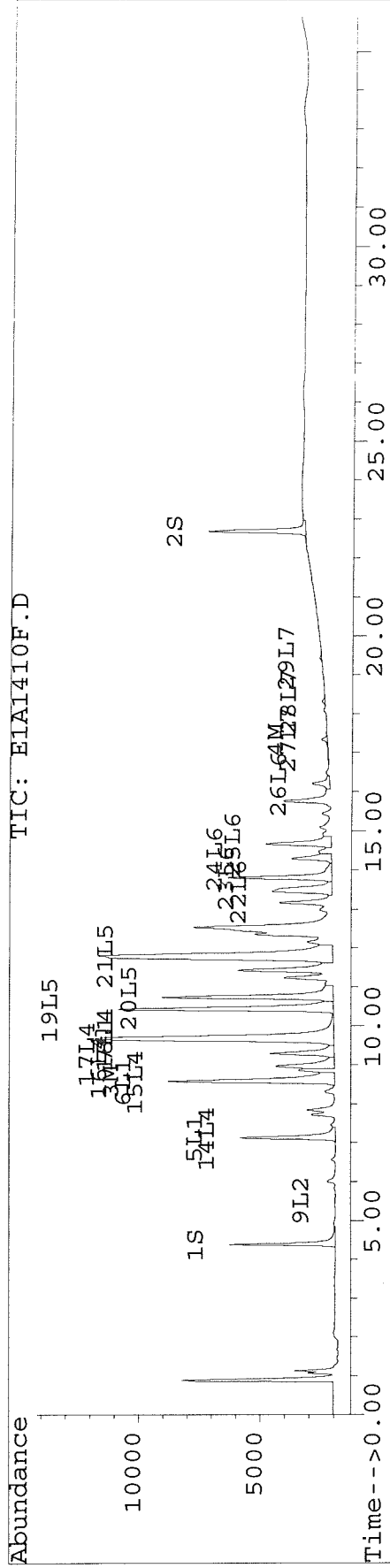
716

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1410F.D Vial: 92
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1410R.D
 Acq On : 05 Aug 97 11:16 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 13:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1411F.D Vial: 93
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1411F.D\E1A1411R.D
 Acq On : 05 Aug 97 11:56 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 13:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.86	4766	4123	20.860	19.525
			Recovery	=	52.15%	48.81%
2) S Decachlorobiphenyl	22.68	31.79	4356	1930	17.900	17.028
			Recovery	=	44.75%	42.57%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.59	12.16	227	207	2.540	2.345
4) M 2,2',3,3',4,4'-Hexa	17.33	22.14	3466	2871	19.048	17.442
5) L1 Aroclor-1016	7.13	10.81	166	160	5.279	5.401
6) L1 Aroclor-1016 {2}	8.59	12.16	227	207	4.998	5.602
7) L1 Aroclor-1016 {3}	9.64f	12.77	5780	70	239.384	4.020 #
Total Aroclor-1016			6173	437	249.660	15.022
Average Aroclor-1016					83.220	5.007
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52	0.00	37	0	5.471	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			37	0	5.471	N.D.
Average Aroclor-1221					5.471	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	7.13	10.81	166	160	4.539	4.596
15) L4 Aroclor-1242 {2}	8.59	11.89	227	58	4.246	3.788
16) L4 Aroclor-1242 {3}	8.97	12.16	83	207	3.895	4.818
17) L4 Aroclor-1242 (4)	9.29	12.77	78	70	4.426	3.448
18) L4 Aroclor-1242 (5)	9.64f	13.35	5780	5241	205.132	271.010 #
Total Aroclor-1242			6333	5735	222.237	287.660
Average Aroclor-1242					44.447	57.532
19) L5 Aroclor-1248	10.42	14.98	2889	818	107.516	54.310 #

718

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1411F.D Vial: 93
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1411F.D\E1A1411R.D
 Acq On : 05 Aug 97 11:56 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 13:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	1018	3712	45.550	155.615 #
21) L5 Aroclor-1248 {3}	0.00	15.71	0	1215	N.D.	48.815 #
Total Aroclor-1248			3906	5745	153.067	258.739
Average Aroclor-1248					76.533	86.246
22) L6 Aroclor-1254	13.45	17.72	6892	6663	192.859	189.459
23) L6 Aroclor-1254 {2}	13.80	18.11	14677	14749	194.006	191.382
24) L6 Aroclor-1254 {3}	14.29	18.55	7172	9205	196.839	192.402
25) L6 Aroclor-1254 (4)	14.66	19.05	8940	6326	195.897	192.835
26) L6 Aroclor-1254 (5)	16.20	20.61	11566	9422	192.028	181.640
Total Aroclor-1254			49247	46365	971.628 <u>947.717</u> OK	
Average Aroclor-1254					194.326	189.543
27) L7 Aroclor-1260	17.33	22.01	3466	748	106.746	29.856 #
28) L7 Aroclor-1260 {2}	18.31	22.51	1657	1622	26.526	27.535
29) L7 Aroclor-1260 {3}	19.43	24.46	1124	830	25.163	33.556 #
Total Aroclor-1260			6247	3199	158.435	90.947
Average Aroclor-1260					52.812	30.316

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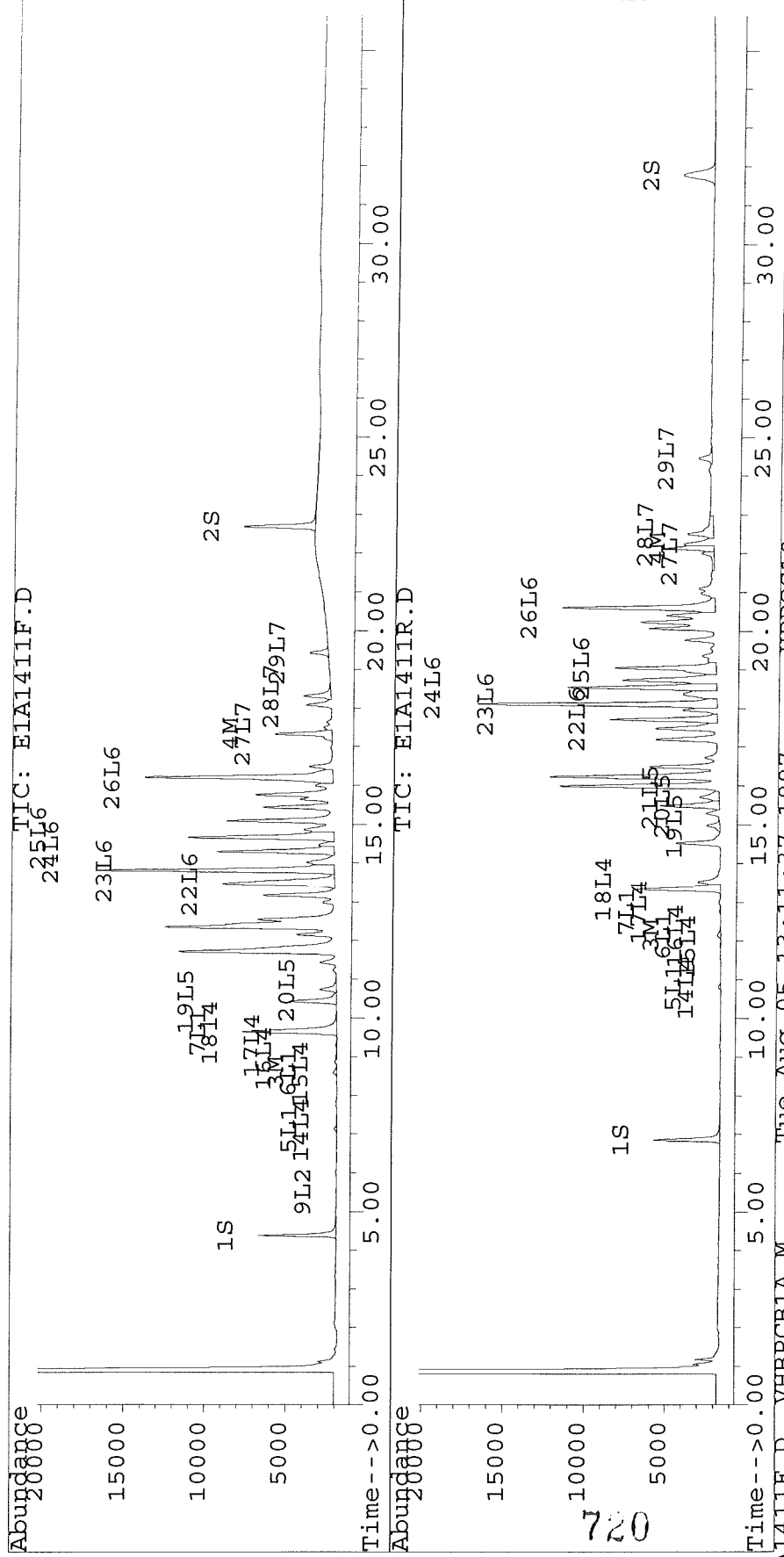
719

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1411F.D Vial: 93
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1411R.D
Acq On : 05 Aug 97 11:56 AM Operator: JS/GML
Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 5 13:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1412F.D Vial: 94
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1412F.D\E1A1412R.D
 Acq On : 05 Aug 97 12:35 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 13:43 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	4166	3773	18.237	17.869
			Recovery	=	45.59%	44.67%
2) S Decachlorobiphenyl	22.68	31.79	4092	1983	16.817	17.495
			Recovery	=	42.04%	43.74%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.17	14307	11933	160.367	135.067
4) M 2,2',3,3',4,4'-Hexa	17.33	22.16	9698	2541	53.289	15.438 #
5) L1 Aroclor-1016	7.12	10.81	9663	9259	307.603	313.143
6) L1 Aroclor-1016 {2}	8.58	12.17	14307	11933	315.525	322.644
7) L1 Aroclor-1016 {3}	9.68	12.76	7912	5321	327.680	306.755
Total Aroclor-1016			31882	26512	950.807	942.541
Average Aroclor-1016					316.936	314.180
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	7.12	10.81	9663	9259	264.448	266.519
15) L4 Aroclor-1242 {2}	8.58	11.88	14307	4151	268.057	273.074
16) L4 Aroclor-1242 {3}	8.97	12.17	5777	11933	270.809	277.507
17) L4 Aroclor-1242 (4)	9.29	12.76	4771	5321	272.093	263.099
18) L4 Aroclor-1242 (5)	9.68	13.34	7912	5228	280.794	270.304
Total Aroclor-1242			42431	35891	1356.203	1350.503
Average Aroclor-1242					271.241	270.101
19) L5 Aroclor-1248	10.43	14.98	6605	2917	245.867	193.613

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1412F.D Vial: 94
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1412F.D\E1A1412R.D
 Acq On : 05 Aug 97 12:35 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 5 13:43 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	4638	783	207.561	32.834 #
21) L5 Aroclor-1248 {3}	0.00	15.71	0	1404	N.D.	56.393 #
Total Aroclor-1248			11243	5104	453.428	282.840
Average Aroclor-1248					226.714	94.280
22) L6 Aroclor-1254	0.00	17.72	0	750	N.D.	21.329 #
23) L6 Aroclor-1254 {2}	13.81	18.09	7435	6682	98.280	86.705
24) L6 Aroclor-1254 {3}	14.29	0.00	11634	0	319.285	N.D. #
25) L6 Aroclor-1254 (4)	14.67	19.05	1389	12746	30.429	388.515 #
26) L6 Aroclor-1254 (5)	16.20	20.60	12778	10751	212.151	207.259
Total Aroclor-1254			33236	30929	660.145	703.808
Average Aroclor-1254					165.036	175.952
27) L7 Aroclor-1260	17.33	22.01	9698	7882	298.639	314.713
28) L7 Aroclor-1260 {2}	18.30	22.51	19426	18753	311.081	318.450
29) L7 Aroclor-1260 {3}	19.42	24.46	13327	7513	298.280	303.729
Total Aroclor-1260			42452	34148	908.000	936.892
Average Aroclor-1260					302.667	312.297

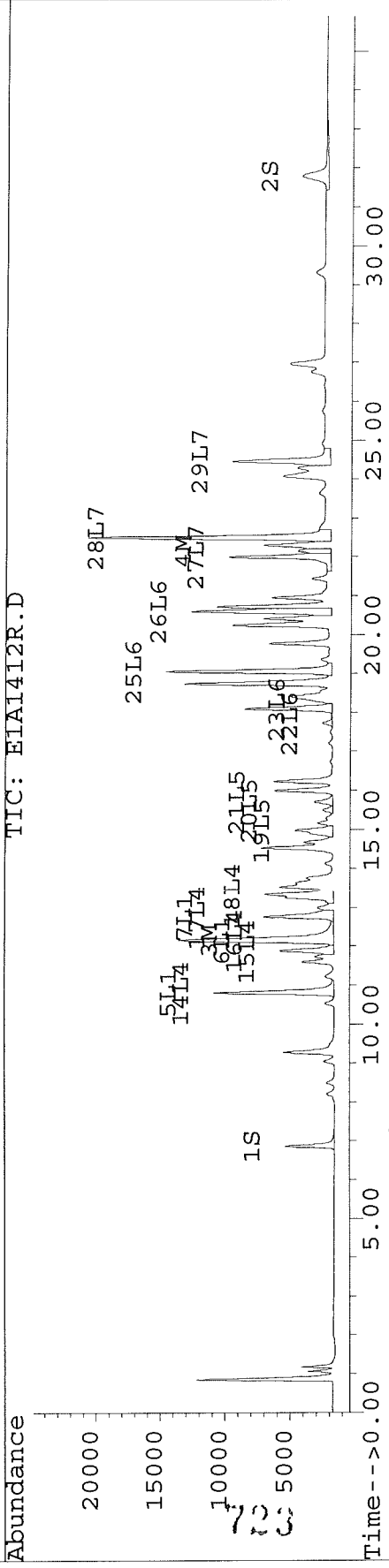
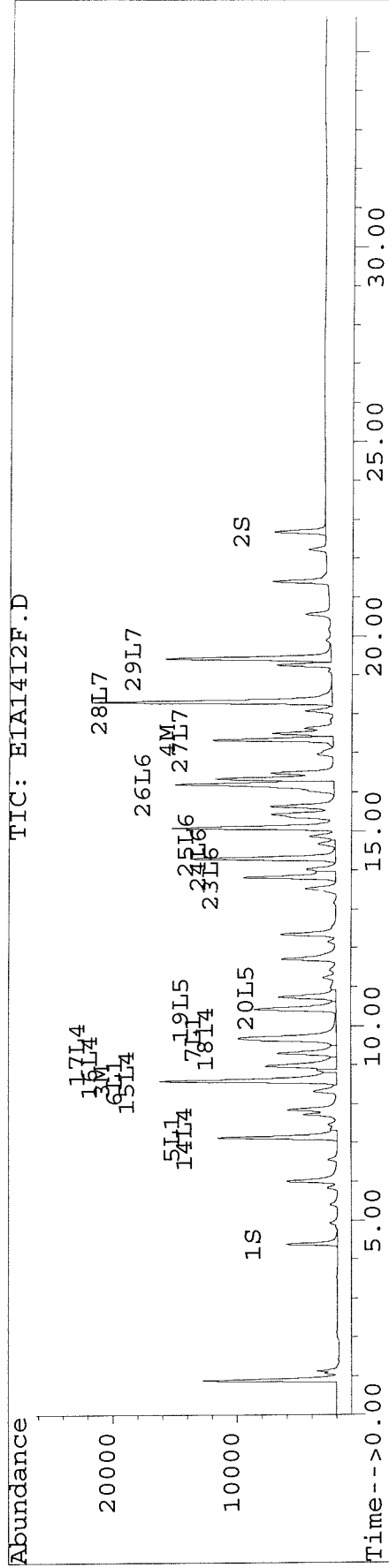
722

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1412F.D Vial: 94
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1412R.D
 Acq On : 05 Aug 97 12:35 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 5 13:43 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1423F.D Vial: 8
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1423F.D\E1A1423R.D
 Acq On : 05 Aug 97 08:35 PM Operator: JS/GML
 Sample : pcbco3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	2105	1828	9.215	8.657
			Recovery	=	23.04%	21.64%
2) S Decachlorobiphenyl	22.68	31.79	1920	816	7.892	7.198m
			Recovery	=	19.73%	18.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.57	12.18	86021	85375	964.244	966.349
4) M 2,2',3,3',4,4'-Hexa	17.32	22.14	161161	149193	885.561	906.405m
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1423F.D Vial: 8
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1423F.D\E1A1423R.D
 Acq On : 05 Aug 97 08:35 PM Operator: JS/GML
 Sample : pcbco3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

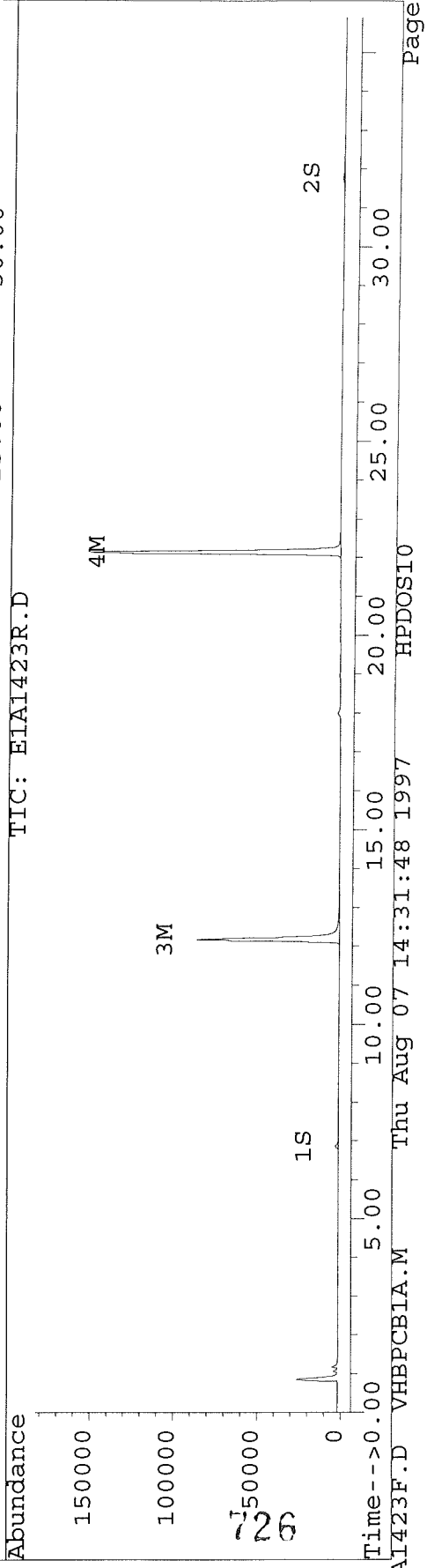
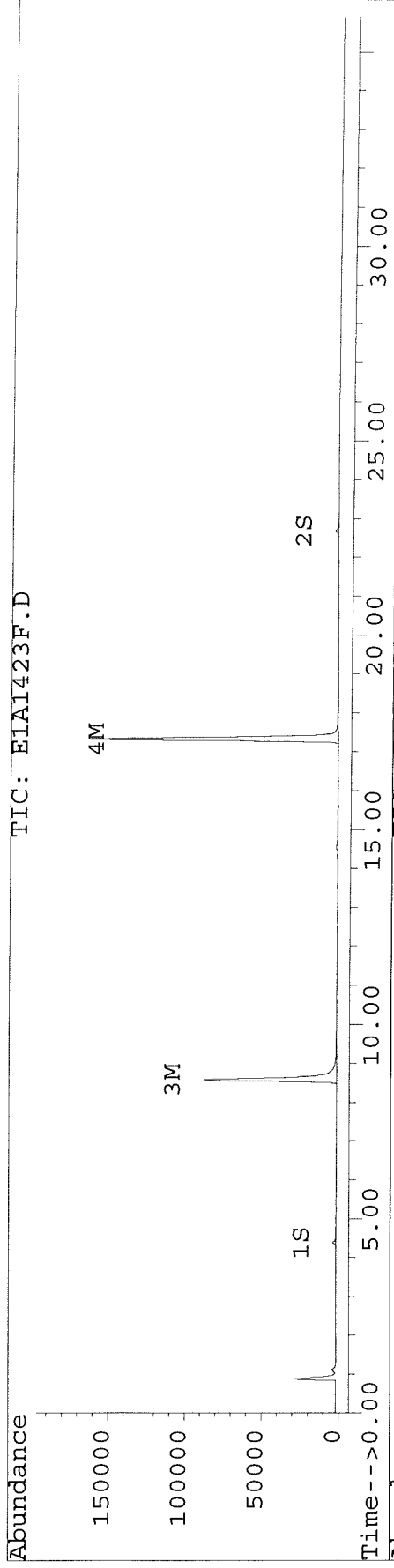
725

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1423F.D Vial: 8
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1423R.D
Acq On : 05 Aug 97 08:35 PM Operator: JS/GML
Sample : pcbcog3D,pcbocog3D,,pcbocog.spk Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 6 10:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1424F.D Vial: 9
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1424F.D\E1A1424R.D
 Acq On : 05 Aug 97 09:15 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.87	4203	3722	18.397	17.625
			Recovery	=	45.99%	44.06%
2) S Decachlorobiphenyl	22.68	31.79	3640	1589	14.958m	14.015m
			Recovery	=	37.40%	35.04%
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	7.12	10.81	7264	7074	198.791	203.630
15) L4 Aroclor-1242 {2}	8.58	11.89	10842	3127	203.136	205.718
16) L4 Aroclor-1242 {3}	8.97	12.17	4368	8961	204.733	208.397
17) L4 Aroclor-1242 (4)	9.29	12.77	3572	4059	203.682	200.698
18) L4 Aroclor-1242 (5)	9.68	13.35	5943	4019	210.921	207.817
Total Aroclor-1242			31989	27240	1021.262	1026.260
Average Aroclor-1242					204.252	205.252
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

727

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1424F.D Vial: 9
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1424F.D\E1A1424R.D
 Acq On : 05 Aug 97 09:15 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

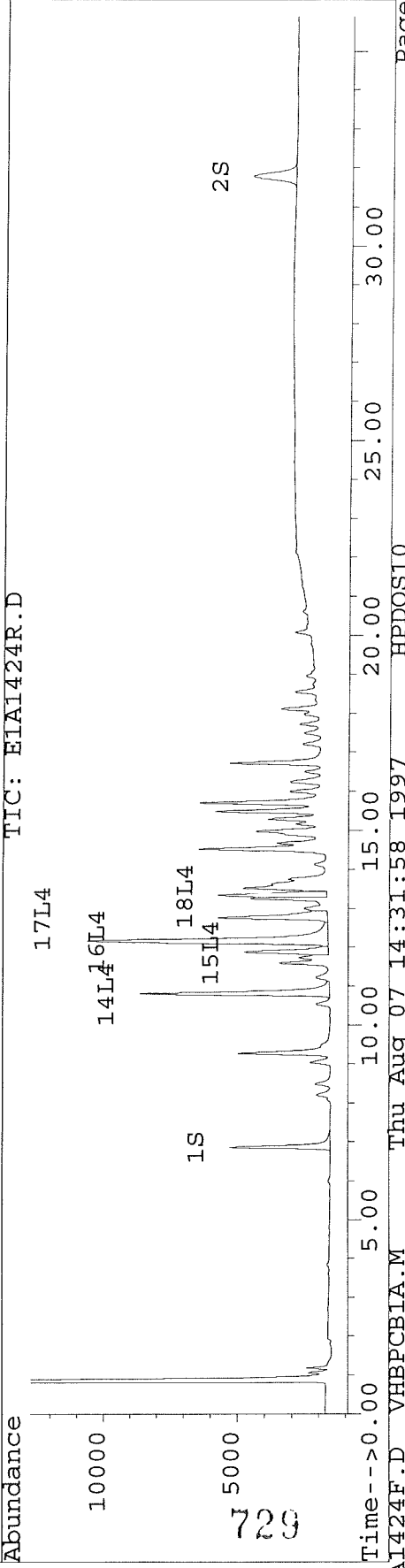
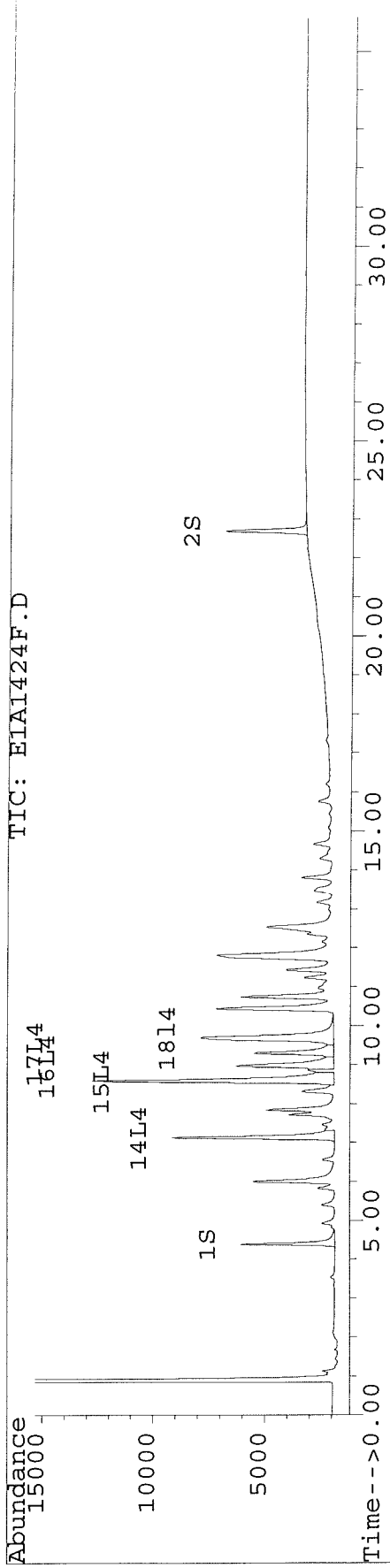
728

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1424F.D Vial: 9
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1424R.D
Acq On : 05 Aug 97 09:15 PM Operator: JS/GML
Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 6 10:52 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1425F.D Vial: 10
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1425F.D\E1A1425R.D
 Acq On : 05 Aug 97 09:54 PM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.86	4303	3831	18.833	18.143
			Recovery	=	47.08%	45.36%
2) S Decachlorobiphenyl	22.68	31.79	3889	1684	15.982	14.856m
			Recovery	=	39.96%	37.14%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	10.42	14.98	8847	4669	329.302	309.913

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1425F.D Vial: 10
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1425F.D\E1A1425R.D
 Acq On : 05 Aug 97 09:54 PM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.73	15.49	7155	7725	320.201	323.872
21) L5 Aroclor-1248 {3}	11.80	15.71	9708	7843	344.957	315.004
Total Aroclor-1248			25710	20237	994.461	948.789
Average Aroclor-1248					331.487	316.263
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

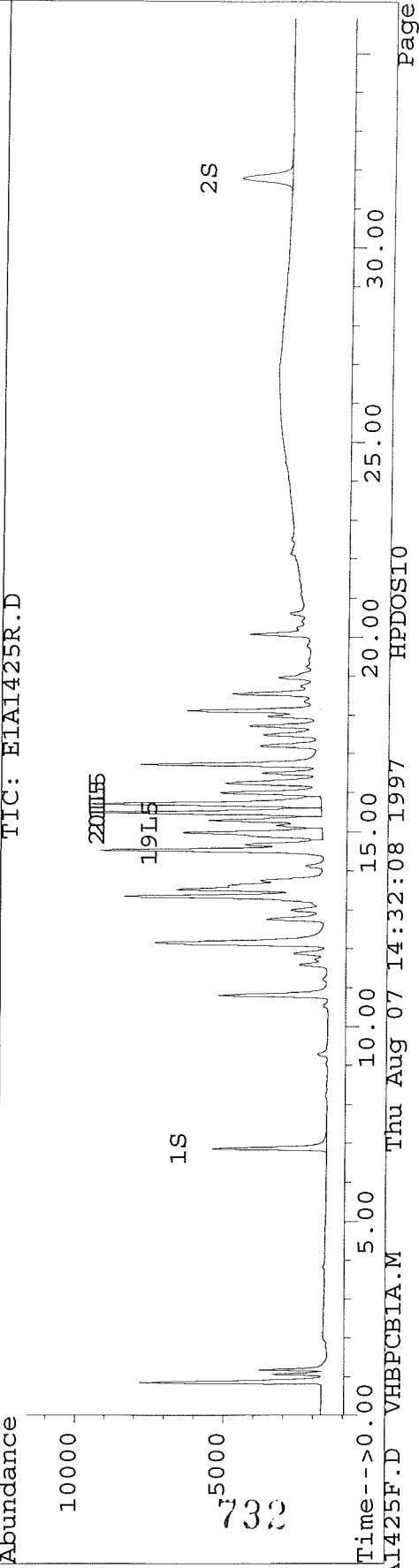
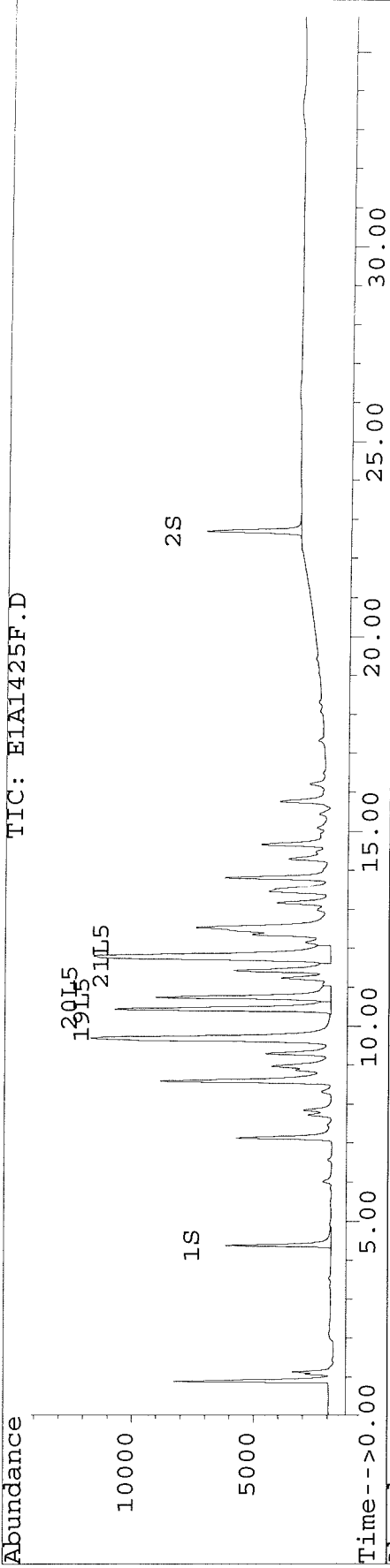
731

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1425F.D Vial: 10
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1425R.D
Acq On : 05 Aug 97 09:54 PM Operator: JS/GML
Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 6 10:53 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1426F.D Vial: 11
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1426F.D\E1A1426R.D
 Acq On : 05 Aug 97 10:34 PM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 11:35 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.87	4144	3857	18.140	18.265
			Recovery	=	45.35%	45.66%
2) S Decachlorobiphenyl	22.68	31.80	3966	1718	16.297	15.151
			Recovery	=	40.74%	37.88%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1426F.D Vial: 11
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1426F.D\E1A1426R.D
 Acq On : 05 Aug 97 10:34 PM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 11:35 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	13.45	17.72	6645	6329	185.940	179.974
23) L6 Aroclor-1254 {2}	13.80	18.11	13986	14005	184.875	181.730
24) L6 Aroclor-1254 {3}	14.29	18.54	6818	8715	187.118	182.156
25) L6 Aroclor-1254 (4)	14.66	19.06	8769	5872	192.153	178.990
26) L6 Aroclor-1254 (5)	16.20	20.61	10953	8963	181.859	172.798
Total Aroclor-1254			47172	43884	931.945	895.648
Average Aroclor-1254					186.389	179.130
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

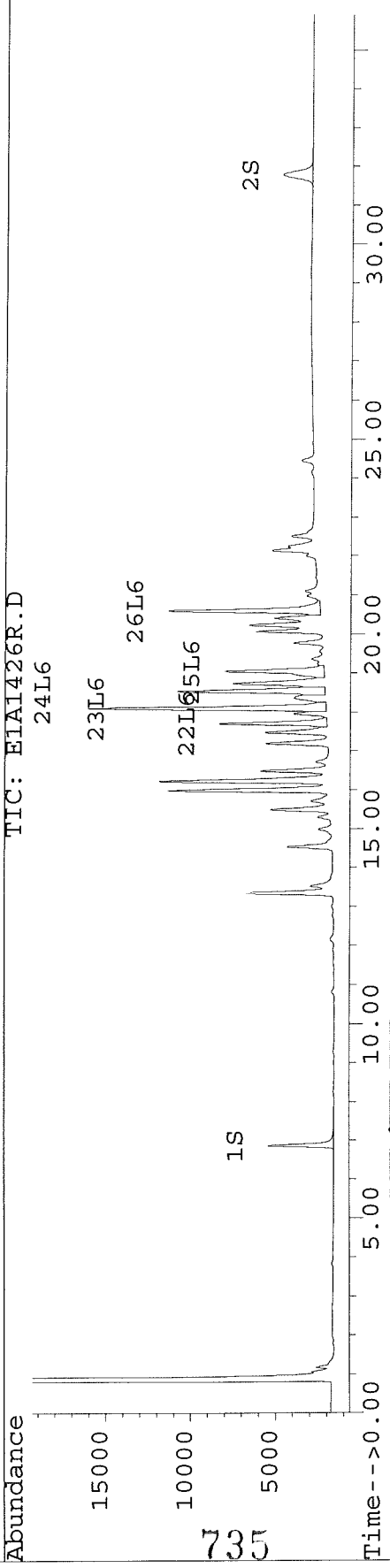
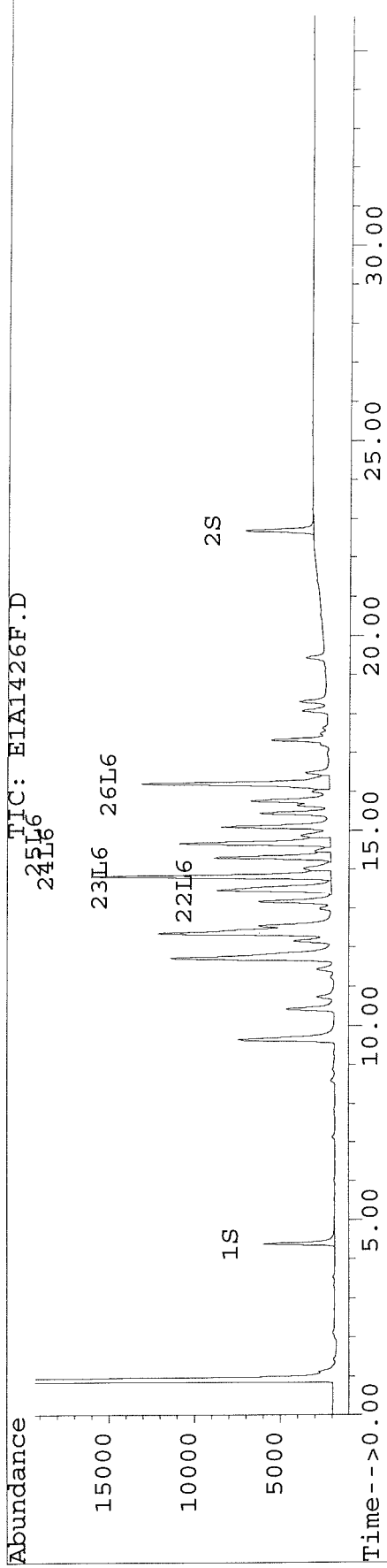
734

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1426F.D Vial: 11
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1426R.D
Acq On : 05 Aug 97 10:34 PM Operator: JS/GML
Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 6 11:35 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1427F.D Vial: 12
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1427F.D\E1A1427R.D
 Acq On : 05 Aug 97 11:13 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	3945	3745	17.270	17.735
			Recovery	=	43.18%	44.34%
2) S Decachlorobiphenyl	22.68	31.79	4045	1947	16.622	17.176
			Recovery	=	41.56%	42.94%
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	7.13	10.81	9697	9317	308.681	315.112
6) L1 Aroclor-1016 {2}	8.58	12.17	14831	12271	327.098	331.776
7) L1 Aroclor-1016 {3}	9.69	12.77	8028	5462	332.486	314.897
Total Aroclor-1016			32557	27050	968.264	961.785
Average Aroclor-1016					322.755	320.595
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

736

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1427F.D Vial: 12
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1427F.D\E1A1427R.D
 Acq On : 05 Aug 97 11:13 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 10:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	17.33	22.01	9766	7894	300.745	315.164
28) L7 Aroclor-1260 {2}	18.31	22.51	19661	19155	314.836	325.268
29) L7 Aroclor-1260 {3}	19.43	24.46	13495	7671	302.044	310.124
Total Aroclor-1260			42923	34719	917.625	950.556
Average Aroclor-1260					305.875	316.852

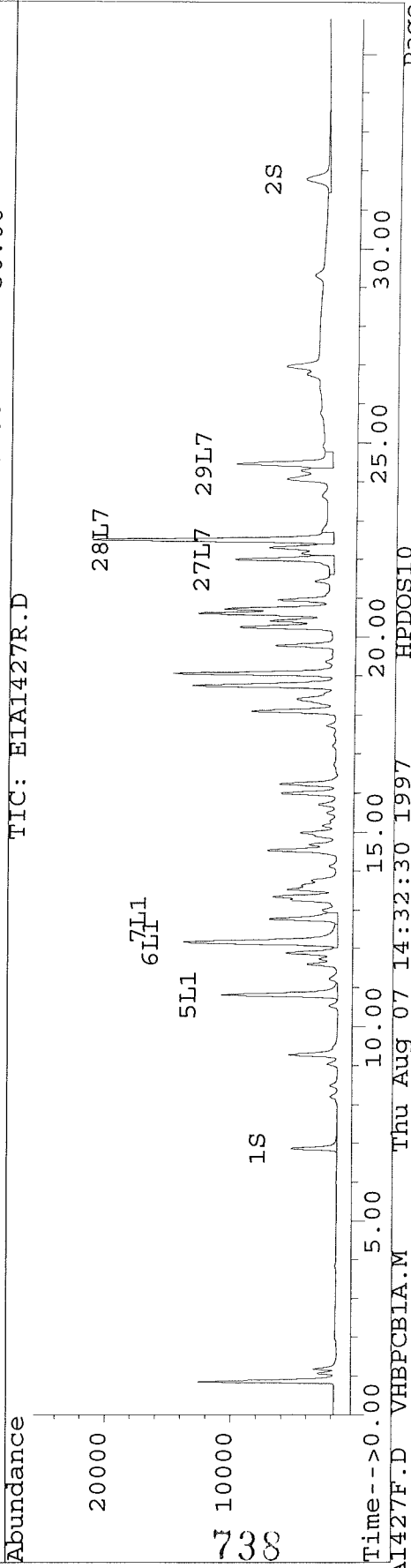
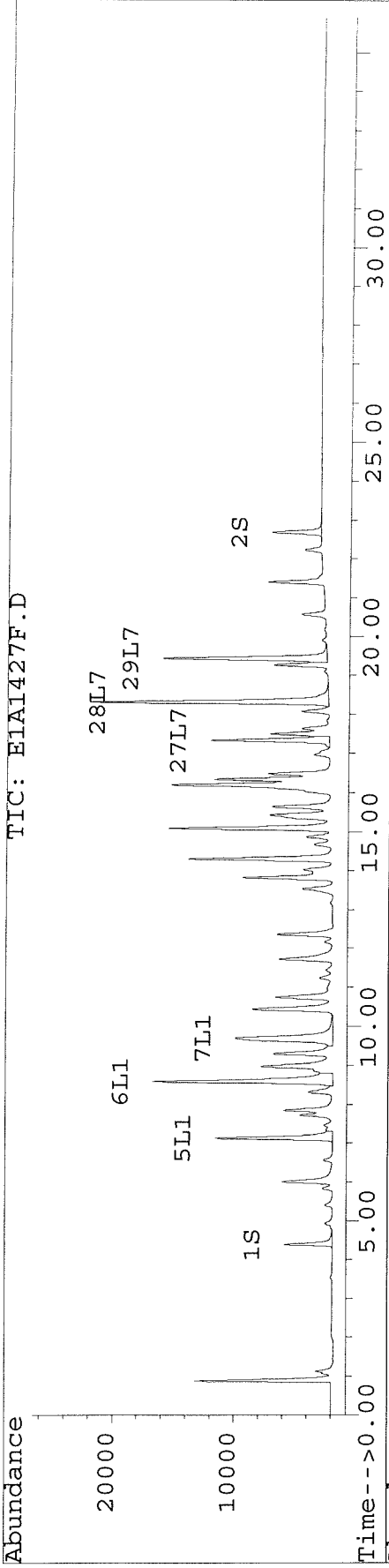
737

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1427F.D Vial: 12
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1427R.D
Acq On : 05 Aug 97 11:13 PM Operator: JS/GML
Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 6 10:54 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1438F.D Vial: 23
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1438F.D\E1A1438R.D
 Acq On : 06 Aug 97 06:28 AM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 11:01 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.39	6.87	1953	1817	8.551	8.605
			Recovery	=	21.38%	21.51%
2) S Decachlorobiphenyl	22.69	31.82f	2156	973	8.860m	8.580m
			Recovery	=	22.15%	21.45%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.19	86778	85683	972.726	969.840
4) M 2,2',3,3',4,4'-Hexa	17.33	22.15	170785	158168	938.446	960.926
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1438F.D Vial: 23
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1438F.D\E1A1438R.D
 Acq On : 06 Aug 97 06:28 AM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 11:01 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

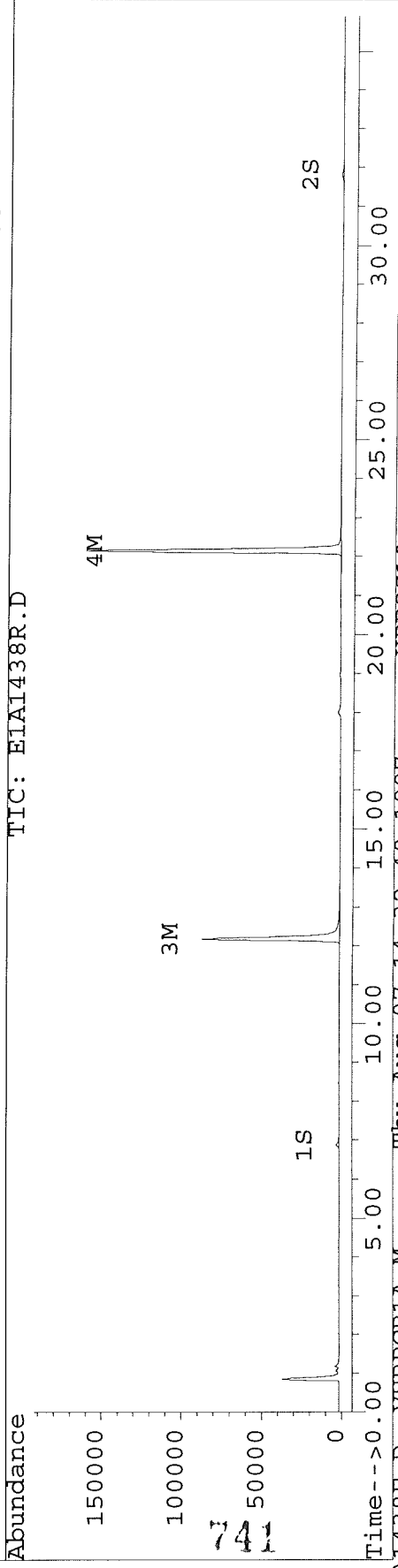
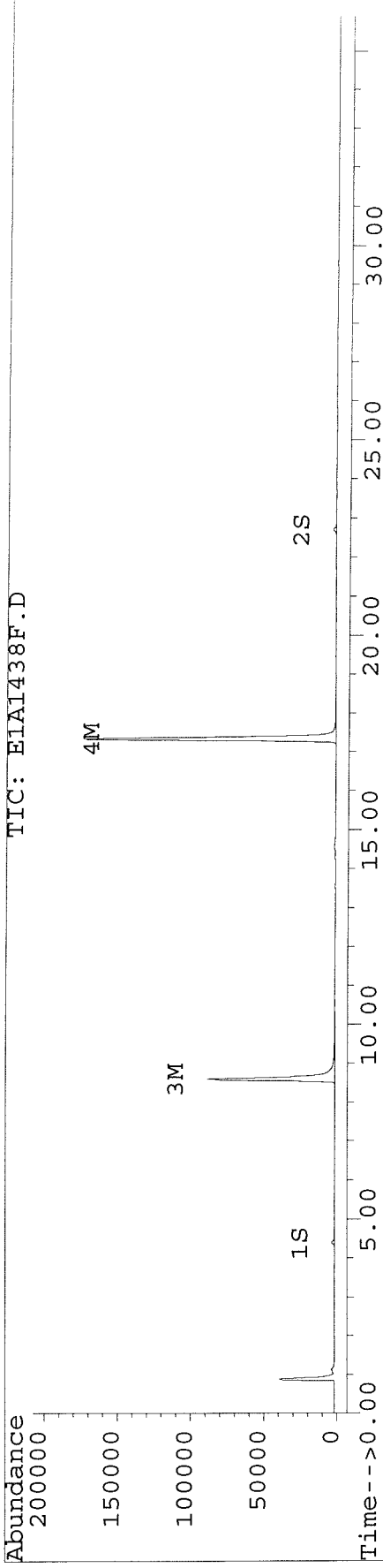
740

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1438F.D Vial: 23
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1438R.D
Acq On : 06 Aug 97 06:28 AM Operator: JS/GML
Sample : pcbcog3D,pcbocog3D,,pcbocog.spk Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 6 11:01 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1439F.D Vial: 24
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1439F.D\E1A1439R.D
 Acq On : 06 Aug 97 07:08 AM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 11:01 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.87	3992	3720	17.473	17.615
			Recovery	=	43.68%	44.04%
2) S Decachlorobiphenyl	22.69	31.82f	3790	1686	15.577	14.872m
			Recovery	=	38.94%	37.18%
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	7.13	10.82	7308	7147	200.005	205.723
15) L4 Aroclor-1242 {2}	8.59	11.89	10770	3196	201.800	210.226
16) L4 Aroclor-1242 {3}	8.98	12.18	4368	9076	204.726	211.061
17) L4 Aroclor-1242 (4)	9.30	12.77	3594	4119	204.941	203.678
18) L4 Aroclor-1242 (5)	9.69	13.35	6108	4113	216.757	212.654
Total Aroclor-1242			32148	27650	1028.229	1043.341
Average Aroclor-1242					205.646	208.668
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1439F.D Vial: 24
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1439F.D\E1A1439R.D
 Acq On : 06 Aug 97 07:08 AM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 11:01 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

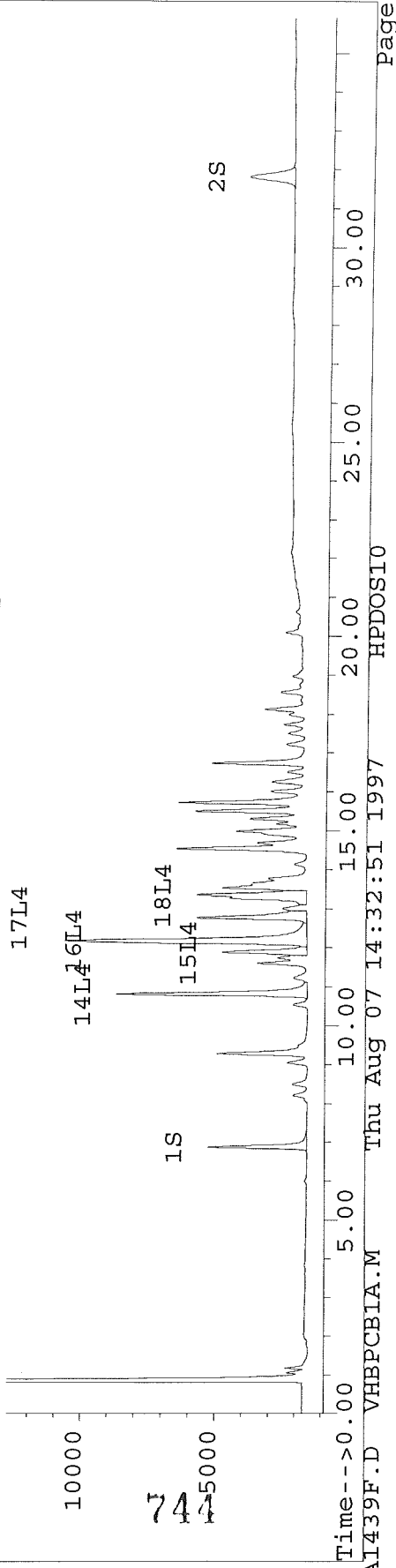
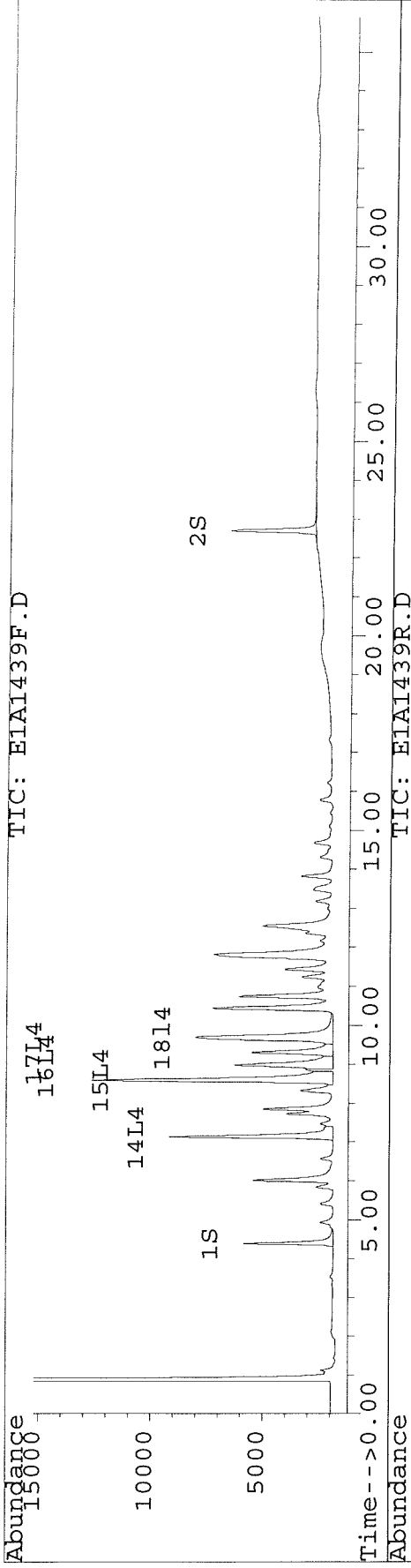
743

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1439F.D Vial: 24
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1439R.D
Acq On : 06 Aug 97 07:08 AM Operator: JS/GML
Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 6 11:01 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1440F.D Vial: 25
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1440R.D
 Acq On : 06 Aug 97 07:47 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 9:30 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.39	6.87	4415	3902	19.325	18.478
			Recovery	=	48.31%	46.20%
2) S Decachlorobiphenyl	22.69	31.82f	4143	1805	17.024	15.923m
			Recovery	=	42.56%	39.81%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	10.43	14.99	8858	4696	329.729	311.712

745

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1440F.D Vial: 25
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1440F.D\E1A1440R.D
 Acq On : 06 Aug 97 07:47 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 9:30 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.74	15.50	7215	7778	322.876	326.088
21) L5 Aroclor-1248 {3}	11.81	15.72	9597	7930	341.007	318.475
Total Aroclor-1248			25670	20404	993.612	956.275
Average Aroclor-1248					331.204	318.758
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

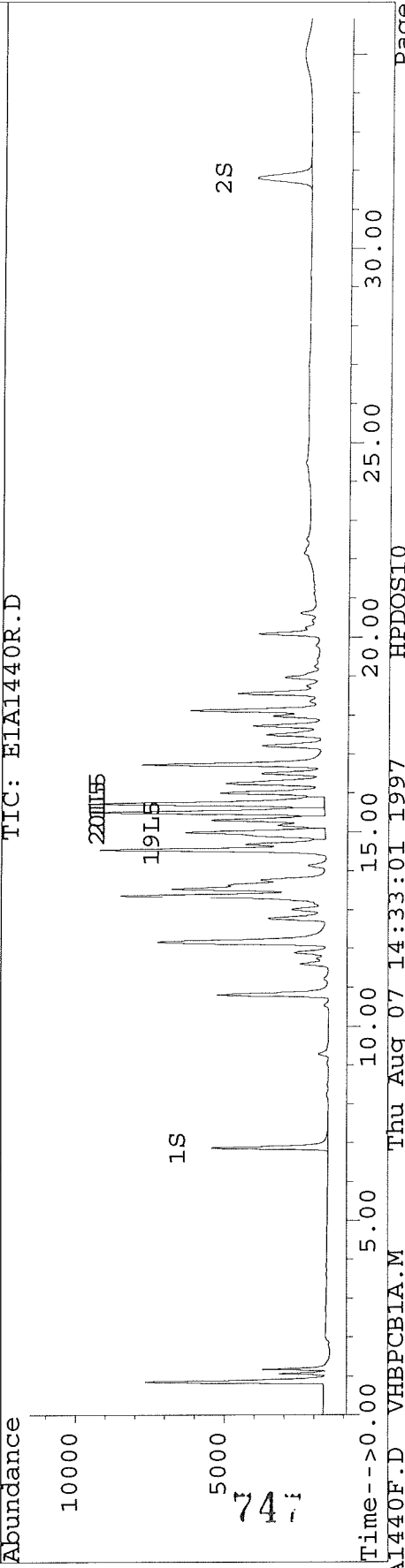
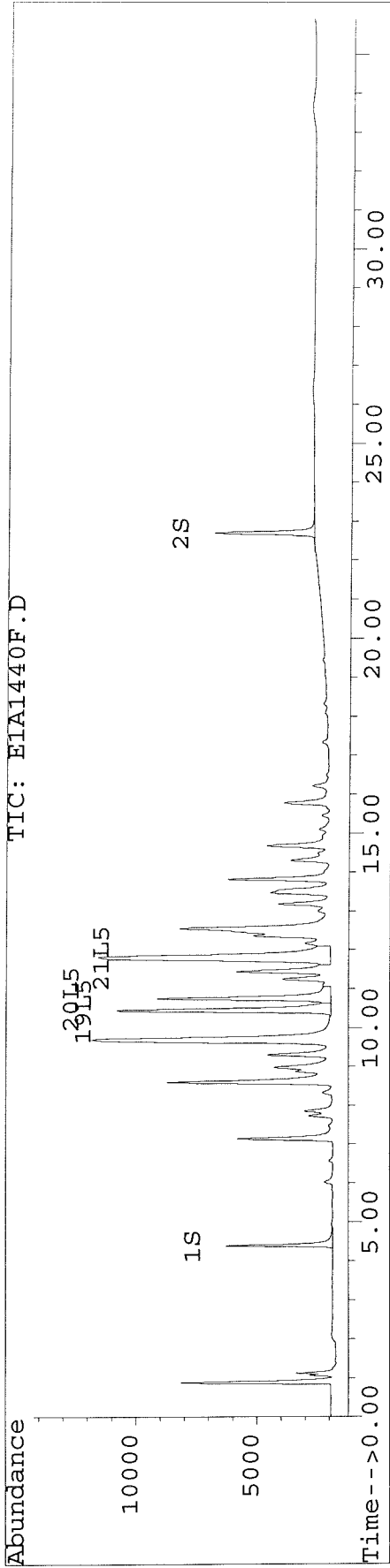
746

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1440F.D Vial: 25
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1440F.D\E1A1440R.D
Acq On : 06 Aug 97 07:47 AM Operator: JS/GML
Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 6 9:30 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1441F.D Vial: 26
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1441F.D\E1A1441R.D
 Acq On : 06 Aug 97 08:27 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 9:30 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.87	4695	4012	20.552	18.999
			Recovery	=	51.38%	47.50%
2) S Decachlorobiphenyl	22.70	31.82f	4341	1936	17.839	17.078m
			Recovery	=	44.60%	42.70%
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1441F.D Vial: 26
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1441F.D\E1A1441R.D
 Acq On : 06 Aug 97 08:27 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 9:30 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	13.47	17.73	6817	6650	190.748	189.081
23) L6 Aroclor-1254 {2}	13.81	18.12	14389	14557	190.195	188.890
24) L6 Aroclor-1254 {3}	14.30	18.56	7097	8991	194.761	187.935
25) L6 Aroclor-1254 (4)	14.67	19.07	8877	6174	194.528	188.199
26) L6 Aroclor-1254 (5)	16.21	20.62	11483	9453	190.644	182.239
Total Aroclor-1254			48662	45825	960.876	936.344
Average Aroclor-1254					192.175	187.269
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
29) 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

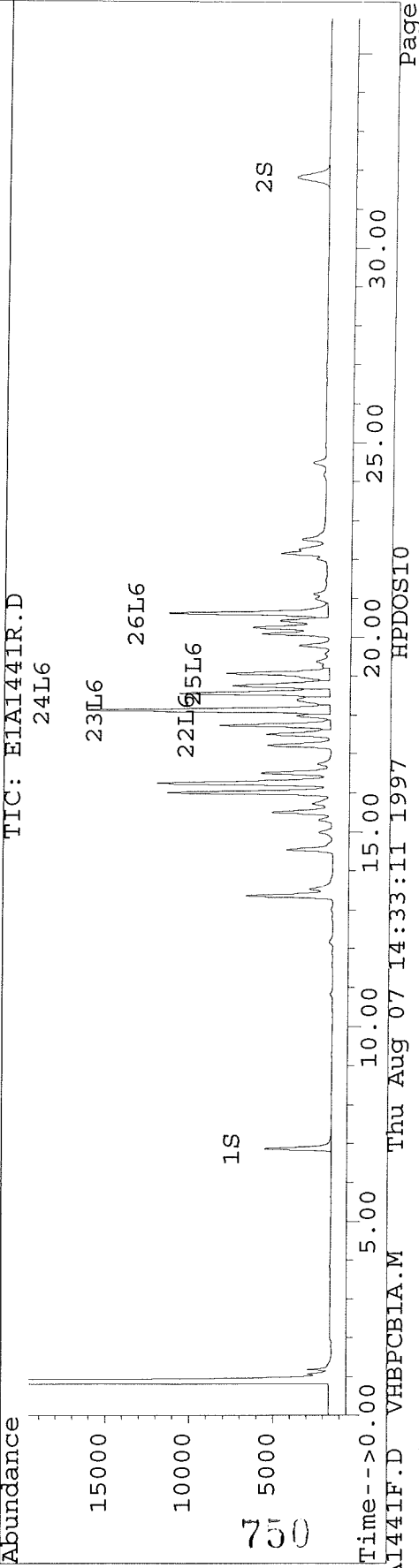
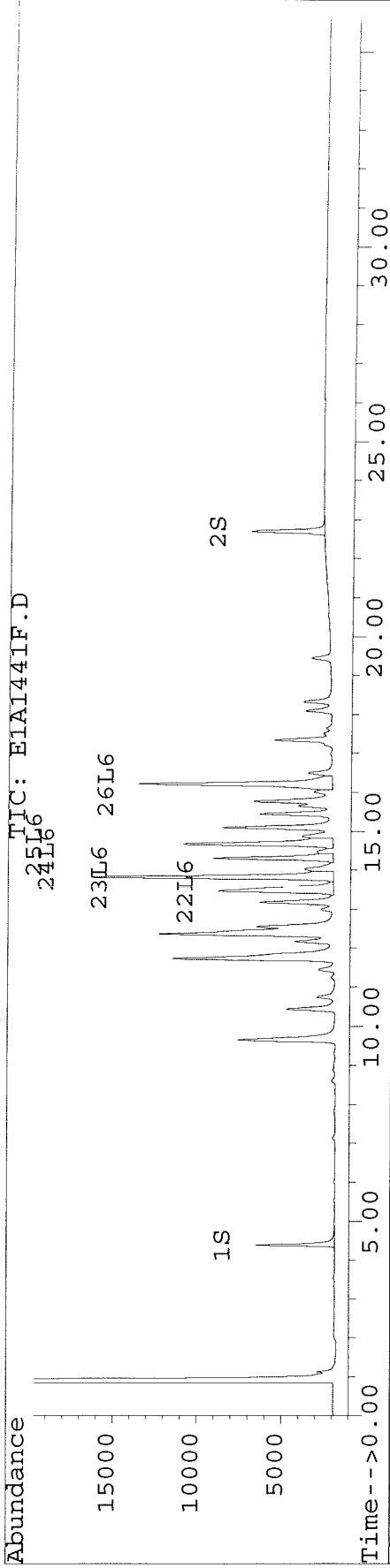
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1441F.D Vial: 26
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1441F.D
Acq On : 06 Aug 97 08:27 AM Operator: JS/GML
Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 6 9:30 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1442F.D Vial: 27
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1442F.D\E1A1442R.D
 Acq On : 06 Aug 97 09:06 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 6 11:37 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.39	6.87	4341	3873	19.002	18.343
			Recovery	=	47.51%	45.86%
2) S Decachlorobiphenyl	22.69	31.82f	4245	1880	17.444m	16.580m
			Recovery	=	43.61%	41.45%
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	7.13	10.82	9909	9371	315.425	316.920
6) L1 Aroclor-1016 {2}	8.59	12.18	14673	12141	323.609	328.259
7) L1 Aroclor-1016 {3}	9.69	12.77	8063	5410	333.918	311.925
Total Aroclor-1016			32645	26921	972.953	957.103
Average Aroclor-1016					324.318	319.034
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
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.d	N.D.d
18) L4 Aroclor-1242 (5)	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
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1442F.D Vial: 27
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1442F.D\E1A1442R.D
 Acq On : 06 Aug 97 09:06 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 6 11:37 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
21) 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
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
24) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.d	N.D.d
26) L6 Aroclor-1254 (5)	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
27) L7 Aroclor-1260	17.34	22.02	10027	8029	308.755	320.567
28) L7 Aroclor-1260 {2}	18.31	22.52	19943	19644	319.349	333.582
29) L7 Aroclor-1260 {3}	19.44	24.47	13856	7731	310.108	312.546
Total Aroclor-1260			43825	35404	938.212	966.695
Average Aroclor-1260					312.737	322.232

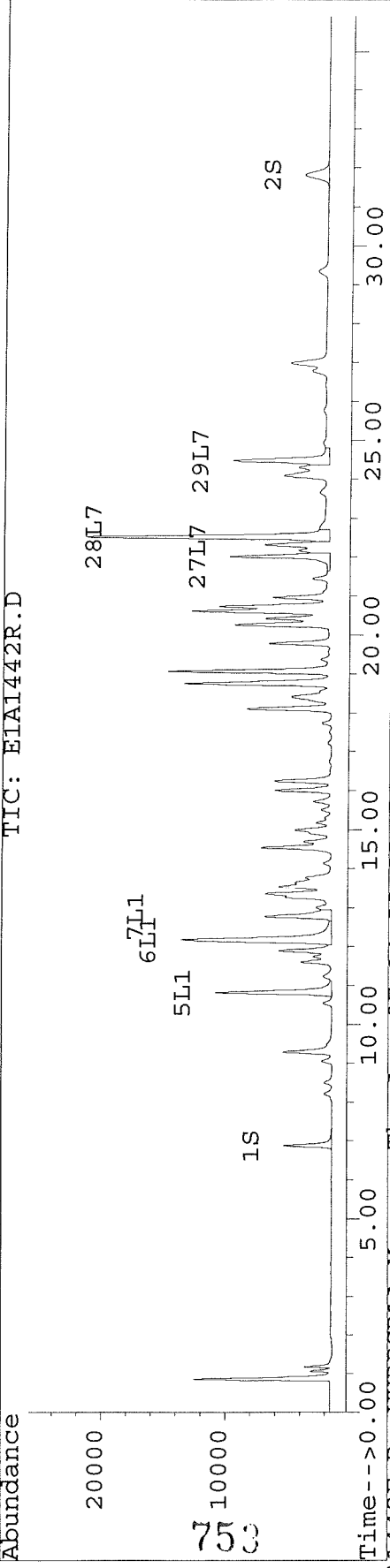
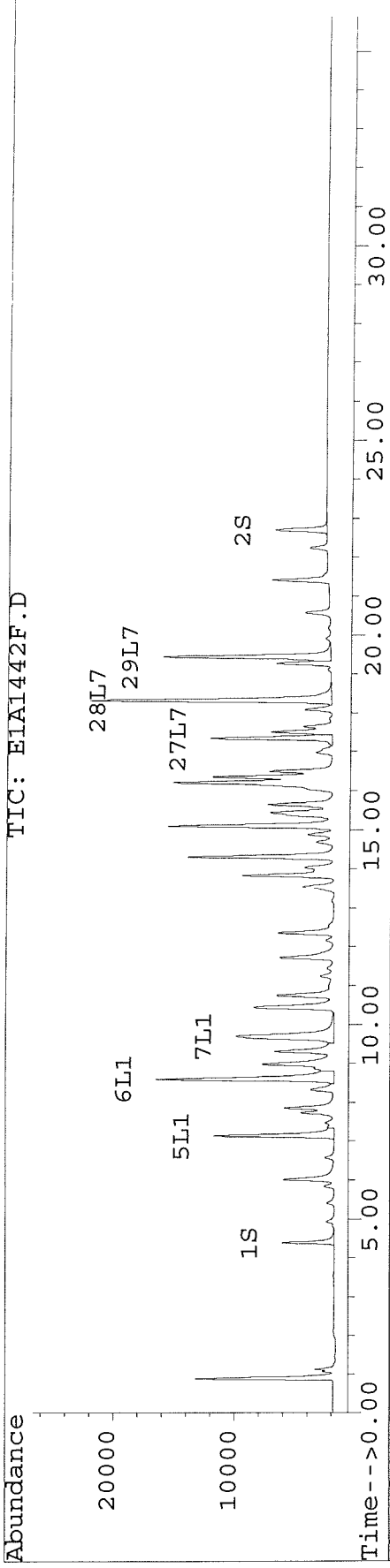
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1442F.D Vial: 27
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1442F.D
Acq On : 06 Aug 97 09:06 AM Operator: JS/GML
Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
Misc : 2,,3 Multiplr: 1.00
Quant Time: Aug 6 11:37 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
Signal #1 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1453F.D Vial: 34
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1453F.D\E1A1453R.D
 Acq On : 06 Aug 97 04:40 PM Operator: JS/GML
 Sample : pcbcog3D, pcbcog3D, , pcbcog.spk Inst : E1
 Misc : 2, , , 3 Multiplr: 1.00
 Quant Time: Aug 7 12:07 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.39	6.87	1995	1772	8.730	8.392
			Recovery	=	21.83%	20.98%
2) S Decachlorobiphenyl	22.70	31.82f	1910	809	7.850	7.137m
			Recovery	=	19.63%	17.84%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.19	83384	82240	934.684	930.866
4) M 2,2',3,3',4,4'-Hexa	17.33	22.15	158757	147198	872.350	894.281
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	8.58	12.19	83384	82240	1839.006	2223.614
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			83384	82240	1839.006	2223.614
Average Aroclor-1016					1839.006	2223.614
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.53f	0.00	46	0	6.742	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			46	0	6.742	N.D.
Average Aroclor-1221					6.742	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	10.92	0	72	N.D.	5.085 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	72	N.D.	5.085
Average Aroclor-1232					0.000	5.085
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	8.58	11.87	83384	68	1562.347	4.503 #
16) L4 Aroclor-1242 {3}	0.00	12.19	0	82240	N.D.	1912.537 #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			83384	82308	1562.347	1917.040
Average Aroclor-1242					1562.347	958.520
19) L5 Aroclor-1248	10.37f	0.00	183	0	6.800	N.D. #

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1453F.D Vial: 34
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1453F.D\E1A1453R.D
 Acq On : 06 Aug 97 04:40 PM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:07 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.70	0.00	170	0	7.597	N.D. #
21) L5 Aroclor-1248 {3}	0.00	15.74f	0	43	N.D.	1.739 #
Total Aroclor-1248			352	43	14.397	1.739
Average Aroclor-1248					7.199	1.739
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	14.30	0.00	531	0	14.570	N.D. #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	16.24f	0.00	120	0	1.984	N.D. #
Total Aroclor-1254			650	0	16.554	N.D.
Average Aroclor-1254					8.277	0.000
27) L7 Aroclor-1260	17.33	0.00	158757	0	4888.732	N.D. #
28) L7 Aroclor-1260 {2}	18.33	0.00	128	0	2.057	N.D. #
29) L7 Aroclor-1260 {3}	19.45	24.48	86	254	1.934	10.288 #
Total Aroclor-1260			158972	254	4892.723	10.288
Average Aroclor-1260					1630.908	10.288

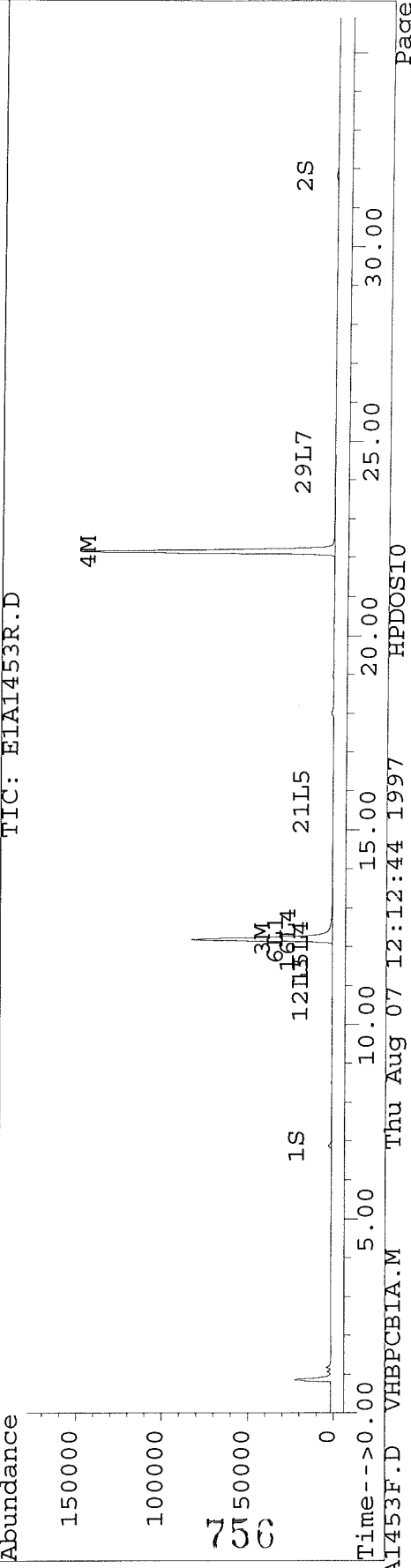
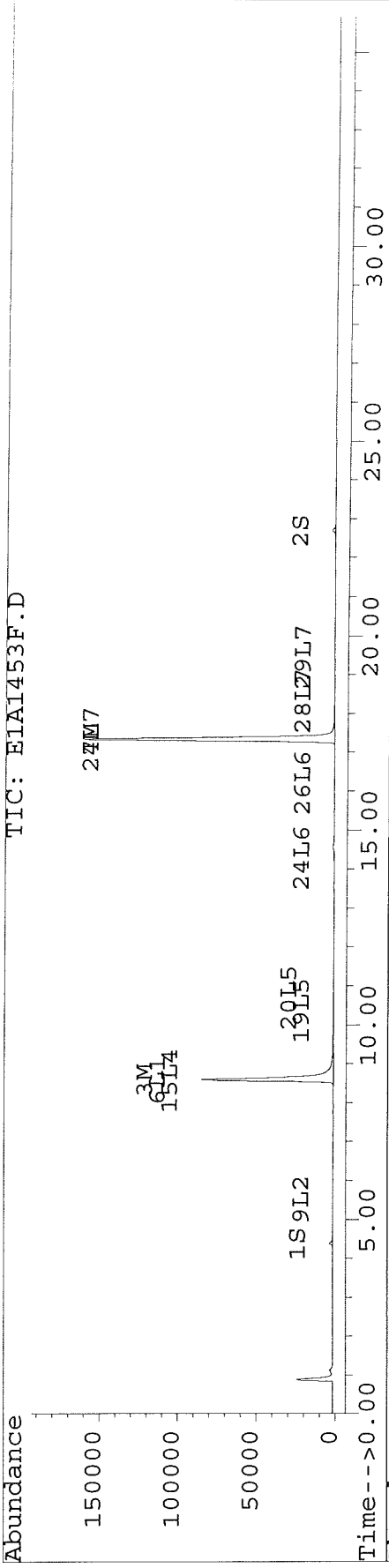
755

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1453F.D Vial: 34
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1453R.D
 Acq On : 06 Aug 97 04:40 PM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:07 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1454F.D Vial: 35
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1454F.D\E1A1454R.D
 Acq On : 06 Aug 97 05:20 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:07 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	4156	3647	18.191	17.269
			Recovery	=	45.48%	43.17%
2) S Decachlorobiphenyl	22.70	31.82f	3631	1566	14.923	13.817m
			Recovery	=	37.31%	34.54%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.59	12.18	10366	8418	116.201	95.282
4) M 2,2',3,3',4,4'-Hexa	17.33	22.15	130	89	0.714	0.540
5) L1 Aroclor-1016	7.13	10.82	7185	6895	228.712	233.174
6) L1 Aroclor-1016 {2}	8.59	12.18	10366	8418	228.626	227.605
7) L1 Aroclor-1016 {3}	9.69	12.77	5849	3862	242.219	222.638
Total Aroclor-1016			23400	19174	699.558	683.417
Average Aroclor-1016					233.186	227.806
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	7.13	10.82	7185	6895	196.625	198.457
15) L4 Aroclor-1242 {2}	8.59	11.89	10366	3090	194.232	203.296
16) L4 Aroclor-1242 {3}	8.98	12.18	4227	8418	198.129	195.764
17) L4 Aroclor-1242 (4)	9.30	12.77	3440	3862	196.166	190.953
18) L4 Aroclor-1242 (5)	9.69	13.35	5849	3924	207.562	202.882
Total Aroclor-1242			31067	26188	992.714	991.353✓
Average Aroclor-1242					198.543	198.271
19) L5 Aroclor-1248	10.44	14.99	5180	2469	192.815	163.920

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1454F.D Vial: 35
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1454F.D\E1A1454R.D
 Acq On : 06 Aug 97 05:20 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:07 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.74	15.50	3988	3851	178.468	161.470
21) L5 Aroclor-1248 {3}	11.82	15.72	5024	4378	178.526	175.812
Total Aroclor-1248			14192	10699	549.809	501.203
Average Aroclor-1248					183.270	167.068
22) L6 Aroclor-1254	13.47	17.73	863	726	24.156	20.641
23) L6 Aroclor-1254 {2}	13.82	18.12	1390	1370	18.378	17.779
24) L6 Aroclor-1254 {3}	14.30	18.56	588	792	16.140	16.558
25) L6 Aroclor-1254 (4)	14.68	0.00	836	0	18.322	N.D. #
26) L6 Aroclor-1254 (5)	16.22	20.62	261	151	4.329	2.913 #
Total Aroclor-1254			3939	3039	81.325	57.892
Average Aroclor-1254					16.265	14.473
27) L7 Aroclor-1260	17.33	0.00	130	0	4.004	N.D. #
28) L7 Aroclor-1260 {2}	18.33	22.53	29	21	0.458	0.363
29) L7 Aroclor-1260 {3}	0.00	24.47	0	22	N.D.	0.899 #
Total Aroclor-1260			159	44	4.462	1.262
Average Aroclor-1260					2.231	0.631

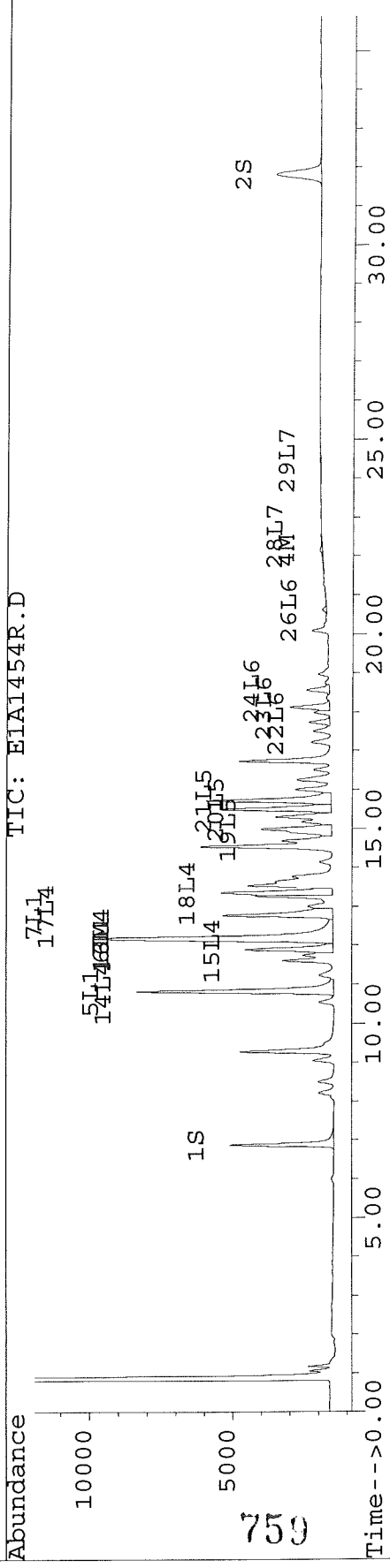
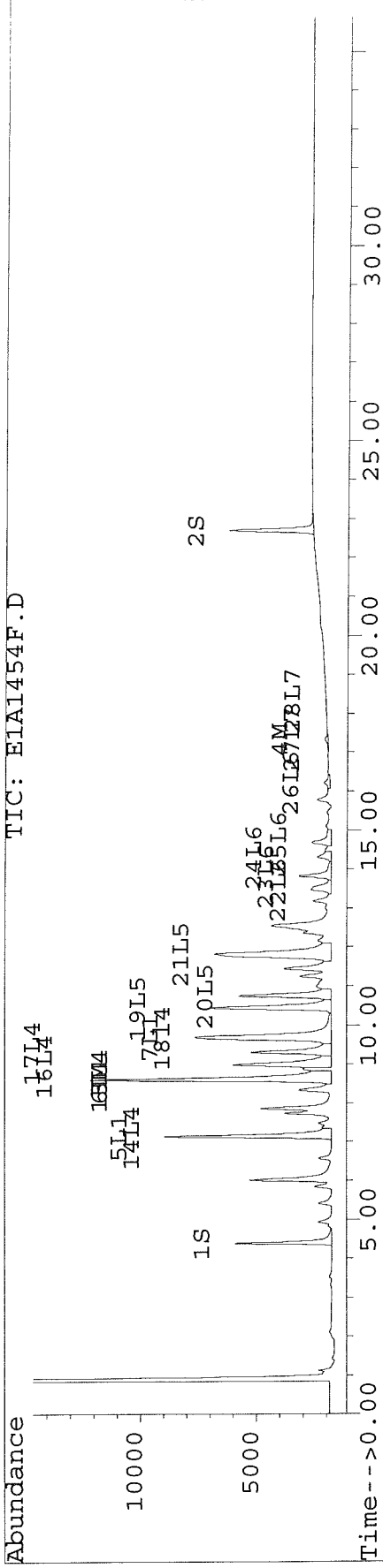
758

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1454F.D Vial: 35
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1454R.D
Acq On : 06 Aug 97 05:20 PM Operator: JS/GML
Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 7 12:07 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1455F.D Vial: 36
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1455F.D\E1A1455R.D
 Acq On : 06 Aug 97 06:00 PM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:07 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.39	6.87	4222	3821	18.479	18.094
			Recovery	=	46.20%	45.24%
2) S Decachlorobiphenyl	22.69	31.82f	3889	1714	15.980	15.120m
			Recovery	=	39.95%	37.80%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.59	12.17	6602	5462	74.002	61.824
4) M 2,2',3,3',4,4'-Hexa	17.34	22.16	239	279	1.314	1.694 #
5) L1 Aroclor-1016	7.13	10.82	3871	3690	123.219	124.796
6) L1 Aroclor-1016 {2}	8.59	12.17	6602	5462	145.599	147.684
7) L1 Aroclor-1016 {3}	9.68	12.78	9779	1913	404.967	110.316 #
Total Aroclor-1016			20251	11065	673.785	382.795
Average Aroclor-1016					224.595	127.598
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.53f	0.00	38	0	5.621	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			38	0	5.621	N.D.
Average Aroclor-1221					5.621	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	7.13	10.82	3871	3690	105.932	106.215
15) L4 Aroclor-1242 {2}	8.59	11.90	6602	1110	123.696	73.005 #
16) L4 Aroclor-1242 {3}	8.98	12.17	2339	5462	109.637	127.023
17) L4 Aroclor-1242 (4)	9.30	12.78	2589	1913	147.653	94.616 #
18) L4 Aroclor-1242 (5)	9.68	13.36	9779	6744	347.023	348.737
Total Aroclor-1242			25179	18920	833.940	749.596
Average Aroclor-1242					166.788	149.919
19) L5 Aroclor-1248	10.44	14.99	8775	4633	326.630	307.529

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1455F.D Vial: 36
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1455F.D\E1A1455R.D
 Acq On : 06 Aug 97 06:00 PM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:07 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.74	15.50	7017	7465	314.044	312.974
21) L5 Aroclor-1248 {3}	11.81	15.72	9346	7735	332.115	310.650
Total Aroclor-1248			25139	19833	972.789	931.153
Average Aroclor-1248					324.263	310.384
22) L6 Aroclor-1254	13.47	17.73	2481	2252	69.427	64.046
23) L6 Aroclor-1254 {2}	13.81	18.12	4215	4266	55.721	55.360
24) L6 Aroclor-1254 {3}	14.30	18.56	1649	2643	45.268	55.246
25) L6 Aroclor-1254 (4)	14.67	0.00	2599	0	56.952	N.D. #
26) L6 Aroclor-1254 (5)	16.22	20.62	714	563	11.848	10.852
Total Aroclor-1254			11659	9725	239.216	185.505
Average Aroclor-1254					47.843	46.376
27) L7 Aroclor-1260	17.34	22.02	239	134	7.364	5.331 #
28) L7 Aroclor-1260 {2}	18.32	22.52	122	216	1.954	3.665 #
29) L7 Aroclor-1260 {3}	19.44	24.48	76	122	1.692	4.915 #
Total Aroclor-1260			437	471	11.010	13.912
Average Aroclor-1260					3.670	4.637

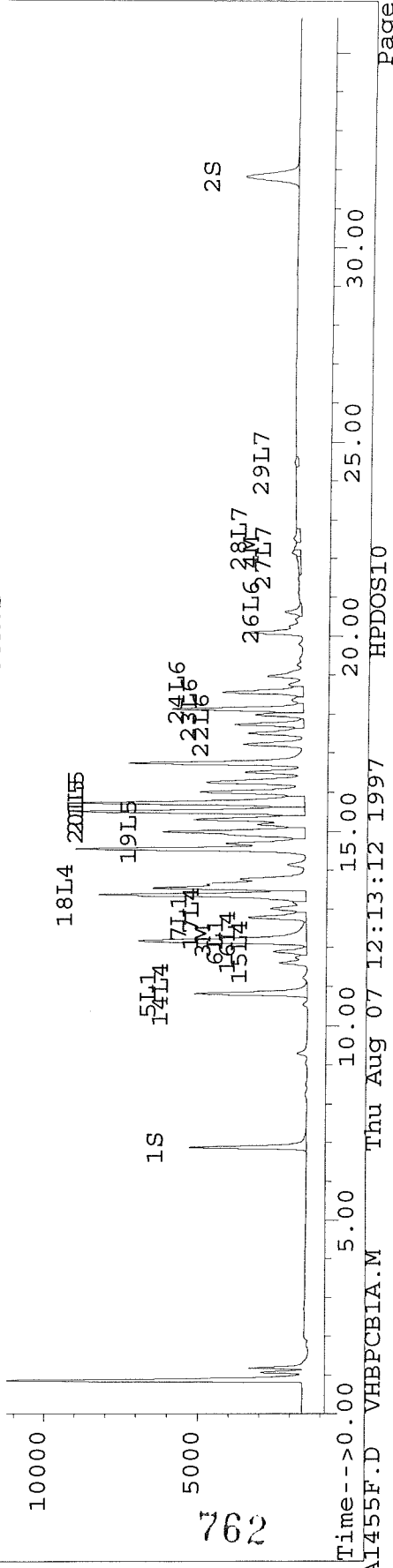
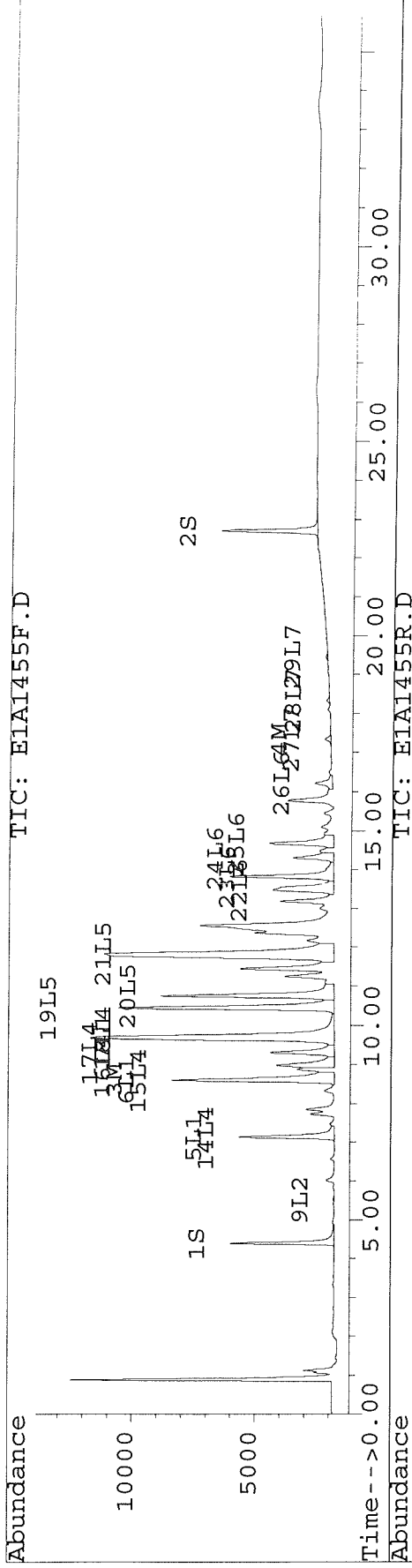
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1455F.D Vial: 36
Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1455R.D
Acq On : 06 Aug 97 06:00 PM Operator: JS/GML
Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
Misc : 2,,,3 Multiplr: 1.00
Quant Time: Aug 7 12:07 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
Title : VHB PCB 5 LEVEL RUN 7/29/97
Last Update : Mon Aug 04 16:37:54 1997
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-1701
Signal #1 Info : 0.53 MM
Signal #2 Phase : DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1456F.D Vial: 37
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1456F.D\E1A1456R.D
 Acq On : 06 Aug 97 06:39 PM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 7:59 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.39	6.87	4305	3793	18.844	17.963
			Recovery	=	47.11%	44.91%
2) S Decachlorobiphenyl	22.69	31.81	3858	1660	15.854	14.640
			Recovery	=	39.64%	36.60%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.60	12.17	203	196	2.273	2.215
4) M 2,2',3,3',4,4'-Hexa	17.34	22.15	3115	2429	17.115	14.758
5) L1 Aroclor-1016	7.14	10.82	153	153	4.881	5.158
6) L1 Aroclor-1016 {2}	8.60	12.17	203	196	4.473	5.291
7) L1 Aroclor-1016 {3}	9.65	12.78	5410	66	224.038	3.794 #
Total Aroclor-1016			5766	414	233.392	14.243
Average Aroclor-1016					77.797	4.748
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.53f	0.00	33	0	4.793	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			33	0	4.793	N.D.
Average Aroclor-1221					4.793	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	7.14	10.82	153	153	4.196	4.390
15) L4 Aroclor-1242 {2}	8.60	11.90	203	57	3.800	3.777
16) L4 Aroclor-1242 {3}	8.98	12.17	79	196	3.723	4.551
17) L4 Aroclor-1242 (4)	9.30	12.78	71	66	4.037	3.254
18) L4 Aroclor-1242 (5)	9.65	13.36	5410	5023	191.982	259.731 #
Total Aroclor-1242			5916	5495	207.738	275.703
Average Aroclor-1242					41.548	55.141
19) L5 Aroclor-1248	10.43	14.99	2668	769	99.304	51.021 #

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1456F.D Vial: 37
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1456F.D\E1A1456R.D
 Acq On : 06 Aug 97 06:39 PM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 7:59 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.74	15.50	956	3393	42.804	142.256 #
21) L5 Aroclor-1248 {3}	0.00	15.73	0	1116	N.D.	44.814 #
Total Aroclor-1248			3624	5278	142.109	238.091
Average Aroclor-1248					71.054	79.364
22) L6 Aroclor-1254	13.46	17.73	6379	6193	178.480	176.107
23) L6 Aroclor-1254 {2}	13.81	18.12	13346	13706	176.420	177.843
24) L6 Aroclor-1254 {3}	14.30	18.56	6644	8223	182.334	171.882
25) L6 Aroclor-1254 (4)	14.67	19.06	8012	5779	175.576	176.162
26) L6 Aroclor-1254 (5)	16.21	20.62	10520	8592	174.661	165.651
Total Aroclor-1254			44901	42494	887.470	867.645
Average Aroclor-1254					177.494	173.529
27) L7 Aroclor-1260	17.34	22.02	3115	539	95.912	21.517 #
28) L7 Aroclor-1260 {2}	18.32	22.52	1485	1297	23.779	22.022
29) L7 Aroclor-1260 {3}	19.44	24.48	994	695	22.242	28.082 #
Total Aroclor-1260			5593	2530	141.933	71.621
Average Aroclor-1260					47.311	23.874

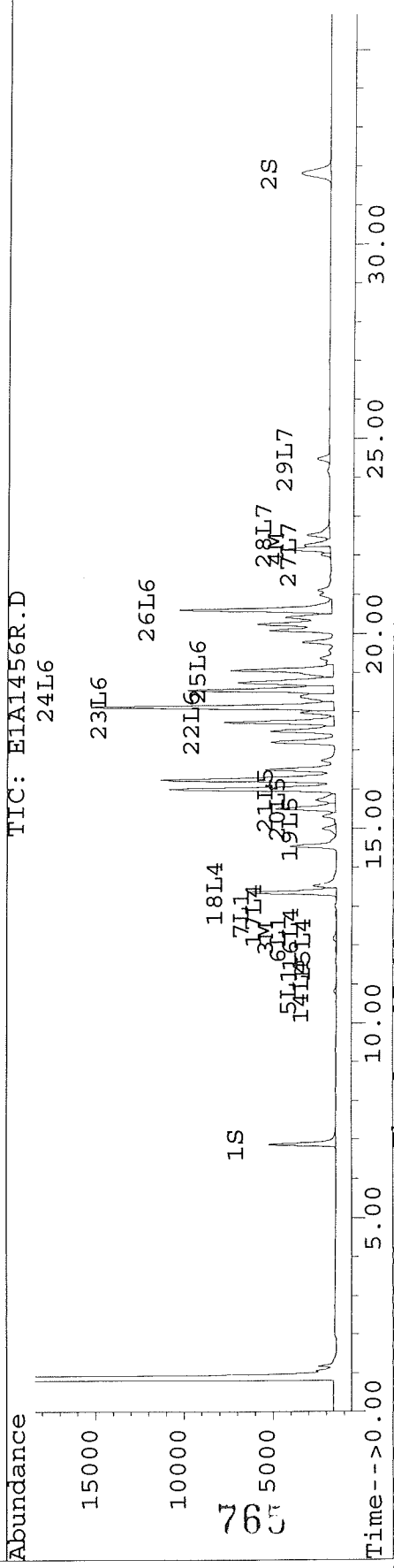
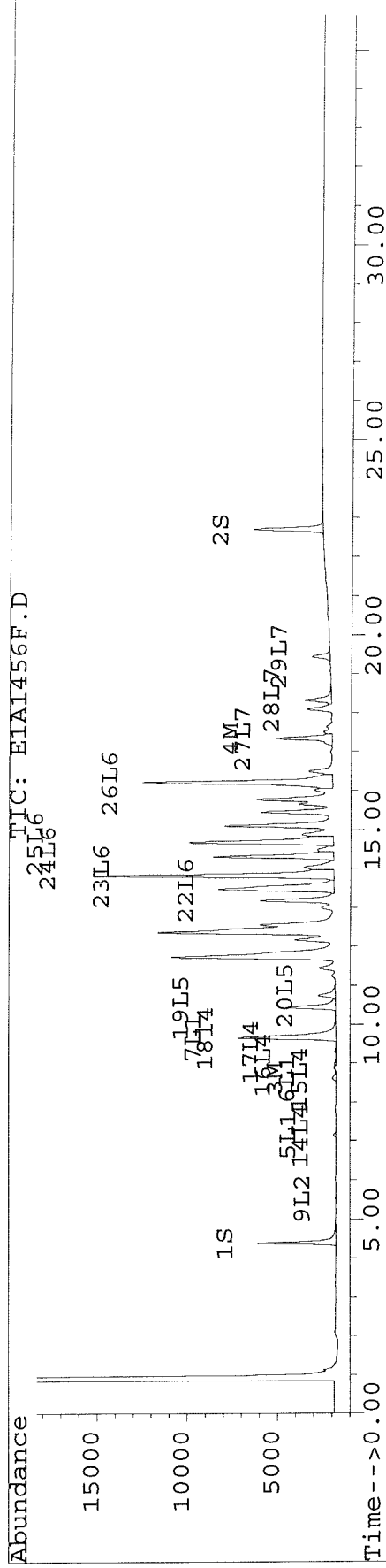
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1456F.D Vial: 37
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1456F.D
 Acq On : 06 Aug 97 06:39 PM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 7:59 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1457F.D Vial: 38
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1457F.D\E1A1457R.D
 Acq On : 06 Aug 97 07:19 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:08 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.37	6.86	4360	3872	19.084	18.338
			Recovery	=	47.71%	45.85%
2) S Decachlorobiphenyl	22.69	31.82f	4284	1900	17.607	16.756m ↓
			Recovery	=	44.02%	41.89%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.17	14658	11916	164.311	134.878
4) M 2,2',3,3',4,4'-Hexa	17.34	22.17	10022	2392	55.070	14.531 #
5) L1 Aroclor-1016	7.12	10.81	9933	9382	316.174	317.315
6) L1 Aroclor-1016 {2}	8.58	12.17	14658	11916	323.285	322.192
7) L1 Aroclor-1016 {3}	9.69	12.77	8074	5409	334.374	311.841
Total Aroclor-1016			32665	26707	973.833	951.348
Average Aroclor-1016					324.611	317.116
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	7.12	10.81	9933	9382	271.817	270.070
15) L4 Aroclor-1242 {2}	8.58	11.89	14658	4217	274.650	277.401
16) L4 Aroclor-1242 {3}	8.97	12.17	5891	11916	276.155	277.118
17) L4 Aroclor-1242 (4)	9.29	12.77	4893	5409	279.018	267.461
18) L4 Aroclor-1242 (5)	9.69	13.35	8074	5338	286.531	276.033
Total Aroclor-1242			43449	36262	1388.171	1368.083
Average Aroclor-1242					277.634	273.617
19) L5 Aroclor-1248	10.43	14.99	6706	2896	249.609	192.211

760

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1457F.D Vial: 38
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1457F.D\E1A1457R.D
 Acq On : 06 Aug 97 07:19 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:08 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.74	15.50	4739	800	212.085	33.524 #
21) L5 Aroclor-1248 {3}	0.00	15.72	0	1435	N.D.	57.640 #
Total Aroclor-1248			11445	5131	461.693	283.375
Average Aroclor-1248					230.847	94.458
22) L6 Aroclor-1254	0.00	17.73	0	744	N.D.	21.161 #
23) L6 Aroclor-1254 {2}	13.82	18.10	7450	6736	98.475	87.399
24) L6 Aroclor-1254 {3}	14.30	0.00	11840	0	324.934	N.D. #
25) L6 Aroclor-1254 (4)	14.68	19.07	1422	13002	31.167	396.334 #
26) L6 Aroclor-1254 (5)	16.21	20.62	13030	10982	216.335	211.713
Total Aroclor-1254			33742	31464	670.912	716.607
Average Aroclor-1254					167.728	179.152
27) L7 Aroclor-1260	17.34	22.02	10022	7818	308.618	312.151
28) L7 Aroclor-1260 {2}	18.31	22.52	20085	19383	321.630	329.142
29) L7 Aroclor-1260 {3}	19.43	24.47	13813	7509	309.150	303.571
Total Aroclor-1260			43920	34709	939.398	944.864 -
Average Aroclor-1260					313.133	314.955

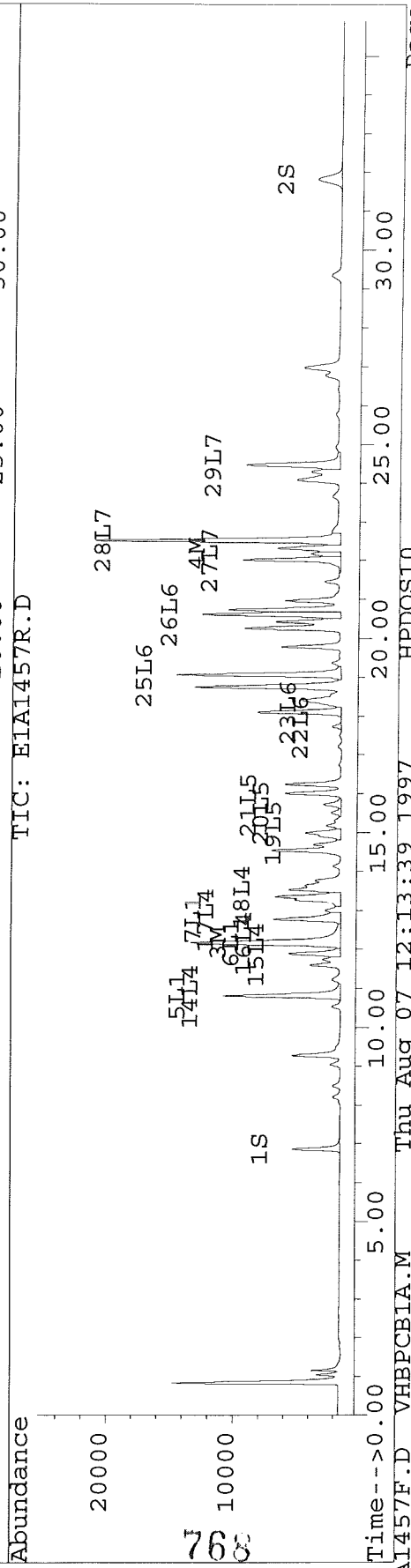
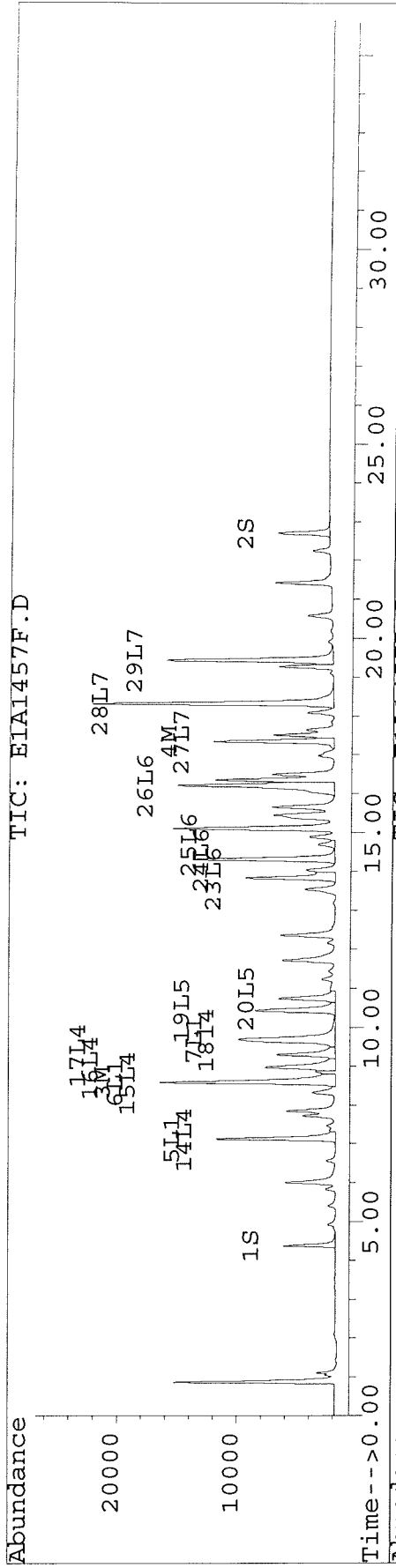
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1457F.D Vial: 38
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1457R.D
 Acq On : 06 Aug 97 07:19 PM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:08 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1463F.D Vial: 34
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1463F.D\E1A1463R.D
 Acq On : 06 Aug 97 11:16 PM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:10 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	2042	1855	8.939	8.784
			Recovery	=	22.35%	21.96%
2) S Decachlorobiphenyl	22.69	31.82f	2211	970	9.088	8.557m
			Recovery	=	22.72%	21.39%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.58	12.19	90043	87665	1009.325	992.277
4) M 2,2',3,3',4,4'-Hexa	17.33	22.15	174238	161280	957.418	979.836
5) L1 Aroclor-1016	7.16f	0.00	90	0	2.877	N.D. #
6) L1 Aroclor-1016 {2}	8.58	12.19	90043	87665	1985.863	2370.310
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			90134	87665	1988.741	2370.310
Average Aroclor-1016					994.370	2370.310
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.53f	0.00	54	0	7.878	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			54	0	7.878	N.D.
Average Aroclor-1221					7.878	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	10.92	0	88	N.D.	6.261 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	88	N.D.	6.261
Average Aroclor-1232					0.000	6.261
14) L4 Aroclor-1242	7.16f	0.00	90	0	2.474	N.D. #
15) L4 Aroclor-1242 {2}	8.58	11.87	90043	99	1687.112	6.521 #
16) L4 Aroclor-1242 {3}	0.00	12.19	0	87665	N.D.	2038.710 #
17) L4 Aroclor-1242 (4)	0.00	0.00	0	0	N.D.	N.D.
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			90134	87765	1689.585	2045.231
Average Aroclor-1242					844.793	1022.616
19) L5 Aroclor-1248	10.37f	0.00	192	0	7.131	N.D. #

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1463F.D Vial: 34
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1463F.D\E1A1463R.D
 Acq On : 06 Aug 97 11:16 PM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3D.spk Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:10 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.70	0.00	184	0	8.224	N.D. #
21) L5 Aroclor-1248 {3}	0.00	15.74f	0	42	N.D.	1.688 #
Total Aroclor-1248			375	42	15.355	1.688
Average Aroclor-1248					7.677	1.688
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	14.30	0.00	571	0	15.671	N.D. #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			571	0	15.671	N.D.
Average Aroclor-1254					15.671	0.000
27) L7 Aroclor-1260	17.33	0.00	174238	0	5365.460	N.D. #
28) L7 Aroclor-1260 {2}	18.33	0.00	142	0	2.268	N.D. #
29) L7 Aroclor-1260 {3}	19.45	24.48	97	355	2.161	14.351 #
Total Aroclor-1260			174476	355	5369.890	14.351
Average Aroclor-1260					1789.963	14.351

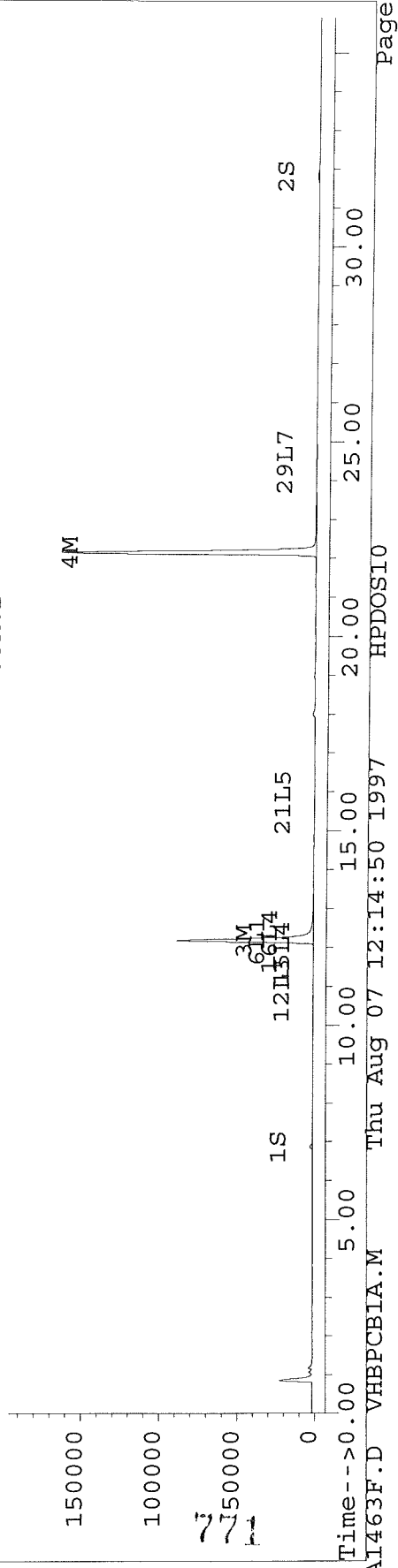
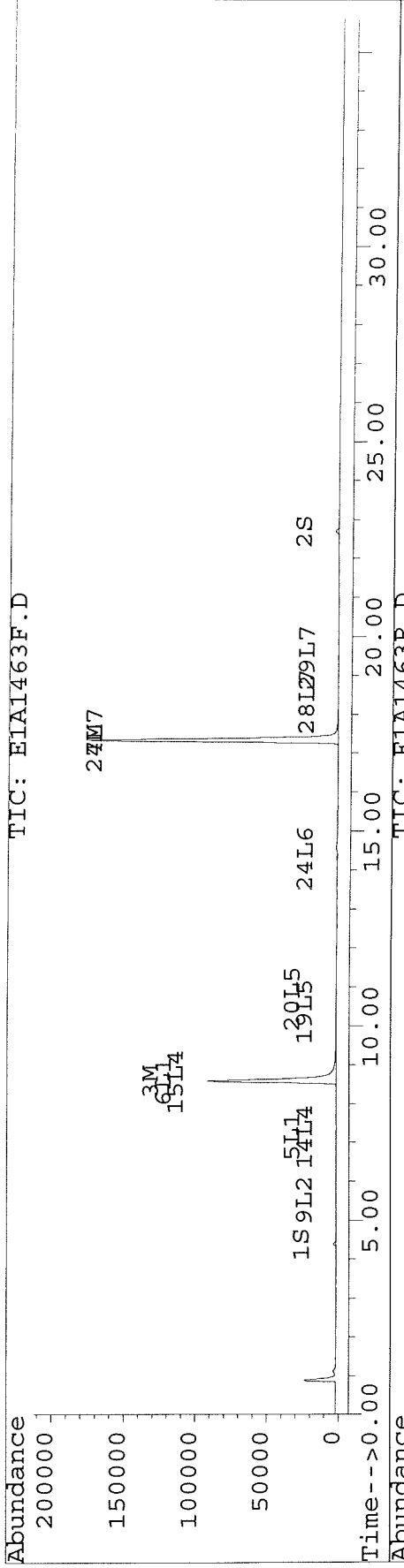
770

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1463F.D Vial: 34
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1463R.D
 Acq On : 06 Aug 97 11:16 PM Operator: JS/GML
 Sample : pcbcog3D,pcbco3D,,pcbco3g.spk Inst : E1
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:10 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1464F.D Vial: 42
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1464F.D\E1A1464R.D
 Acq On : 06 Aug 97 11:55 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.38	6.87	3406	3155	14.907	14.942
			Recovery	=	37.27%	37.36%
2) S Decachlorobiphenyl	22.69	31.82f	3567	1571	14.656	13.855m
			Recovery	=	36.64%	34.64%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.59	12.18	9246	7615	103.646	86.191
4) M 2,2',3,3',4,4'-Hexa	17.33	22.16	96	208	0.526	1.264 #
5) L1 Aroclor-1016	7.13	10.82	6463	6201	205.723	209.729
6) L1 Aroclor-1016 {2}	8.59	12.18	9246	7615	203.925	205.890
7) L1 Aroclor-1016 {3}	9.69	12.77	5317	3498	220.207	201.681
Total Aroclor-1016			21026	17314	629.855	617.300
Average Aroclor-1016					209.952	205.767
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	7.13	10.82	6463	6201	176.861	178.503
15) L4 Aroclor-1242 {2}	8.59	11.89	9246	2786	173.247	183.253
16) L4 Aroclor-1242 {3}	8.98	12.18	3771	7615	176.749	177.086
17) L4 Aroclor-1242 (4)	9.30	12.77	3049	3498	173.894	172.979
18) L4 Aroclor-1242 (5)	9.69	13.35	5317	3602	188.699	186.229
Total Aroclor-1242			27847	23701	889.450	898.050
Average Aroclor-1242					177.890	179.610
19) L5 Aroclor-1248	10.43	14.99	4669	2231	173.798	148.065

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1464F.D Vial: 42
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1464F.D\E1A1464R.D
 Acq On : 06 Aug 97 11:55 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.74	15.50	3603	3523	161.239	147.697
21) L5 Aroclor-1248 {3}	11.82	15.72	4478	3988	159.135	160.173
Total Aroclor-1248			12750	9742	494.172	455.934
Average Aroclor-1248					164.724	151.978
22) L6 Aroclor-1254	13.47	17.73	734	657	20.531	18.675
23) L6 Aroclor-1254 {2}	13.82	18.12	1224	1273	16.173	16.522
24) L6 Aroclor-1254 {3}	14.30	18.56	476	747	13.056	15.611
25) L6 Aroclor-1254 (4)	14.68	0.00	706	0	15.468	N.D. #
26) L6 Aroclor-1254 (5)	16.22	20.62	187	195	3.109	3.767
Total Aroclor-1254			3326	2872	68.336	54.575
Average Aroclor-1254					13.667	13.644
27) L7 Aroclor-1260	17.33	0.00	96	0	2.945	N.D. #
28) L7 Aroclor-1260 {2}	18.33	22.53	22	191	0.349	3.241 #
29) L7 Aroclor-1260 {3}	0.00	24.48	0	194	N.D.	7.850 #
Total Aroclor-1260			117	385	3.294	11.091
Average Aroclor-1260					1.647	5.545

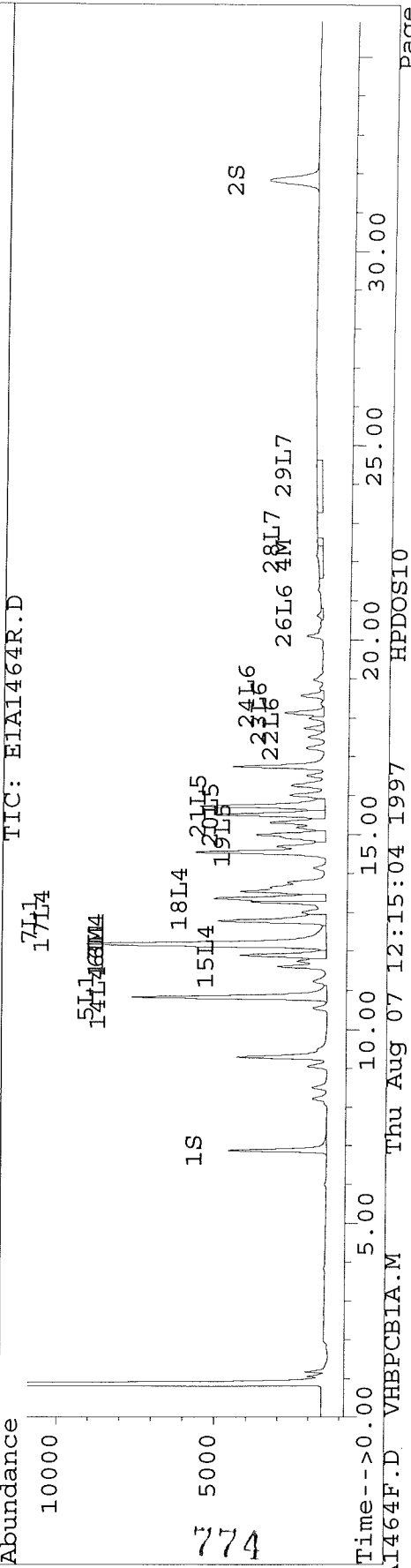
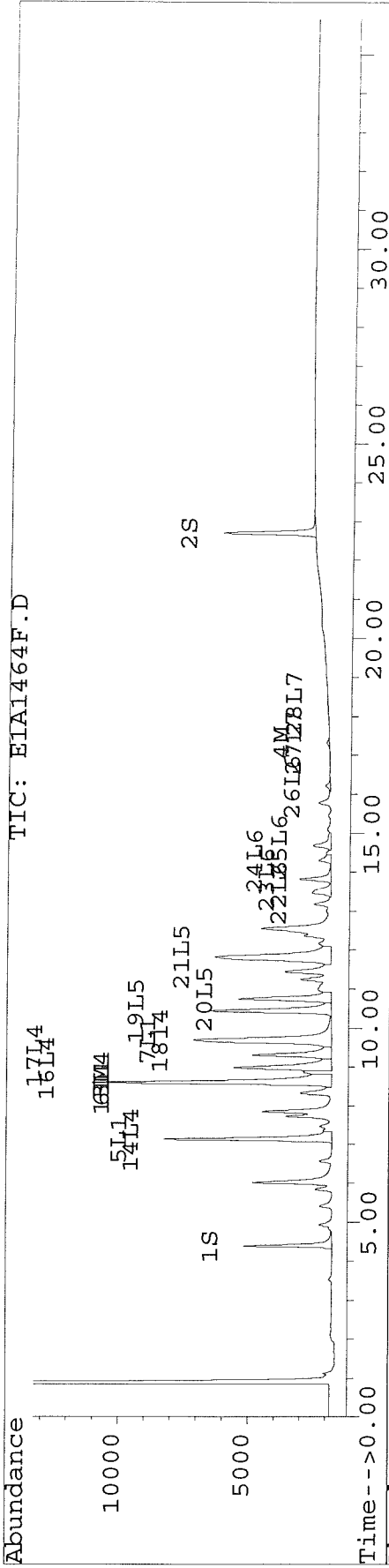
773

Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1464F.D Vial: 42
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1464F.D\E1A1464R.D
 Acq On : 06 Aug 97 11:55 PM Operator: JS/GML
 Sample : ar1242c6,ar1242c6,,ar1242.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1465F.D Vial: 43
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1465F.D\E1A1465R.D
 Acq On : 07 Aug 97 00:35 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.38	6.87	3980	3402	17.421	16.110
			Recovery	=	43.55%	40.28%
2) S Decachlorobiphenyl	22.69	31.82f	3828	1663	15.729	14.665m
			Recovery	=	39.32%	36.66%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.59	12.17	5897	4815	66.101	54.499
4) M 2,2',3,3',4,4'-Hexa	17.34	22.16	206	218	1.129	1.326
5) L1 Aroclor-1016	7.13	10.82	3517	3264	111.957	110.384
6) L1 Aroclor-1016 {2}	8.59	12.17	5897	4815	130.055	130.186
7) L1 Aroclor-1016 {3}	9.68	12.78	8700	1701	360.297	98.088 #
Total Aroclor-1016			18114	9780	602.309	338.658
Average Aroclor-1016					200.770	112.886
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.52f	0.00	35	0	5.098	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			35	0	5.098	N.D.
Average Aroclor-1221					5.098	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	7.13	10.82	3517	3264	96.250	93.949
15) L4 Aroclor-1242 {2}	8.59	11.90	5897	980	110.490	64.444 #
16) L4 Aroclor-1242 {3}	8.97	12.17	2039	4815	95.589	111.973
17) L4 Aroclor-1242 (4)	9.30	12.78	2263	1701	129.076	84.129 #
18) L4 Aroclor-1242 (5)	9.68	13.36	8700	6038	308.745	312.210
Total Aroclor-1242			22417	16798	740.149	666.705
Average Aroclor-1242					148.030	133.341
19) L5 Aroclor-1248	10.43	14.99	7772	4030	289.296	267.488

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1465F.D Vial: 43
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1465F.D\E1A1465R.D
 Acq On : 07 Aug 97 00:35 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.74	15.50	6119	6600	273.838	276.719
21) L5 Aroclor-1248 {3}	11.81	15.72	8188	6755	290.967	271.292
Total Aroclor-1248			22079	17385	854.101	815.500
Average Aroclor-1248					284.700	271.833
22) L6 Aroclor-1254	13.47	17.73	2121	1990	59.352	56.579
23) L6 Aroclor-1254 {2}	13.81	18.12	3672	3815	48.533	49.496
24) L6 Aroclor-1254 {3}	14.30	18.56	1394	2367	38.267	49.476 #
25) L6 Aroclor-1254 (4)	14.67	0.00	2219	0	48.618	N.D. #
26) L6 Aroclor-1254 (5)	16.21	20.62	606	505	10.058	9.736
Total Aroclor-1254			10012	8676	204.828	165.287
Average Aroclor-1254					40.966	41.322
27) L7 Aroclor-1260	17.34	22.02	206	90	6.329	3.608 #
28) L7 Aroclor-1260 {2}	18.32	22.52	109	161	1.750	2.729 #
29) L7 Aroclor-1260 {3}	19.44	24.48	70	53	1.564	2.145 #
Total Aroclor-1260			385	304	9.643	8.482
Average Aroclor-1260					3.214	2.827

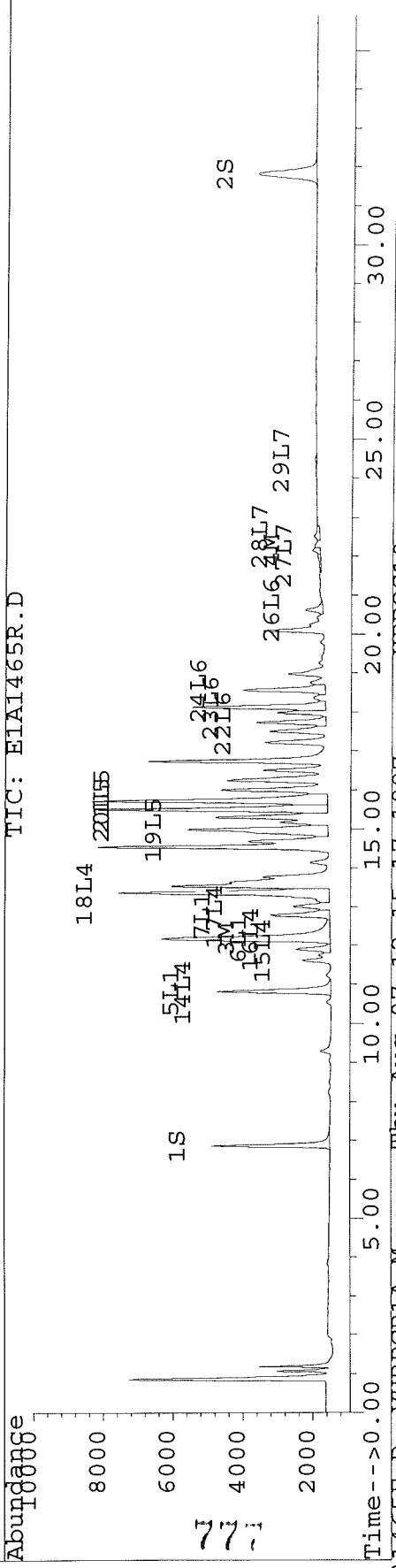
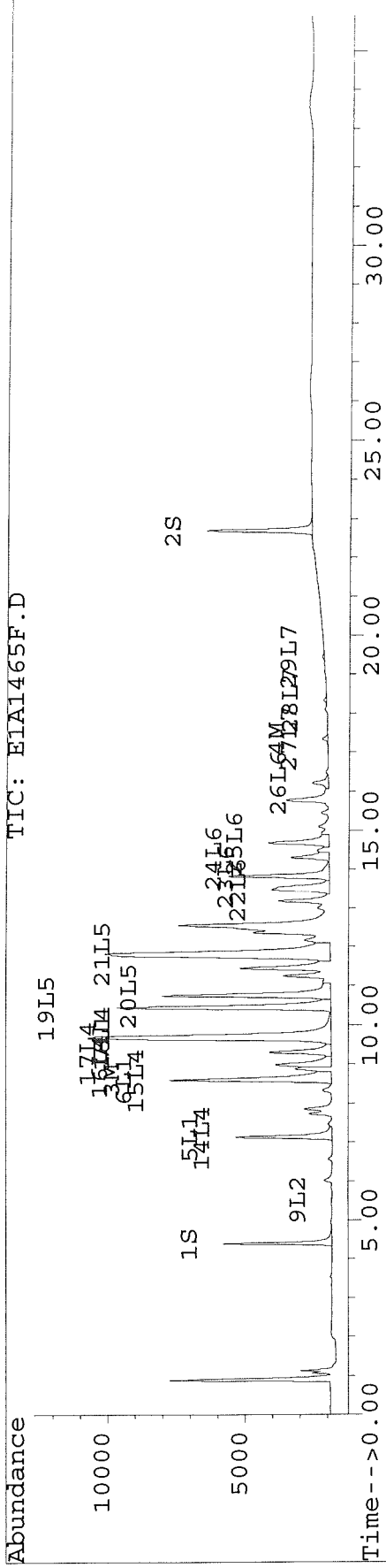
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1465F.D Vial: 43
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1465R.D
 Acq On : 07 Aug 97 00:35 AM Operator: JS/GML
 Sample : ar1248c6,ar1248c6,,ar1248.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701
 Signal #1 Info : 0.53 MM
 Signal #2 Phase : DB-608
 Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1466F.D Vial: 44
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1466F.D\E1A1466R.D
 Acq On : 07 Aug 97 01:14 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.39	6.87	4091	3792	17.906	17.956
			Recovery	=	44.77%	44.89%
2) S Decachlorobiphenyl	22.69	31.82f	4164	1873	17.113	16.521m
			Recovery	=	42.78%	41.30%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.60	12.18	208	199	2.335	2.253
4) M 2,2',3,3',4,4'-Hexa	17.34	22.16	3275	2757	17.994	16.747
5) L1 Aroclor-1016	7.14	10.82	156	154	4.955	5.210
6) L1 Aroclor-1016 {2}	8.60	12.18	208	199	4.594	5.381
7) L1 Aroclor-1016 {3}	9.65	12.78	5525	67	228.815	3.851 #
Total Aroclor-1016			5889	420	238.363	14.442
Average Aroclor-1016					79.454	4.814
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.53f	0.00	32	0	4.676	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			32	0	4.676	N.D.
Average Aroclor-1221					4.676	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	7.14	10.82	156	154	4.260	4.434
15) L4 Aroclor-1242 {2}	8.60	11.90	208	58	3.903	3.833
16) L4 Aroclor-1242 {3}	8.98	12.18	80	199	3.745	4.628
17) L4 Aroclor-1242 (4)	9.30	12.78	73	67	4.144	3.303
18) L4 Aroclor-1242 (5)	9.65	13.36	5525	5105	196.075	263.955 #
Total Aroclor-1242			6042	5583	212.127	280.153
Average Aroclor-1242					42.425	56.031
19) L5 Aroclor-1248	10.43	14.99	2741	809	102.008	53.705 #

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1466F.D Vial: 44
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1466F.D\E1A1466R.D
 Acq On : 07 Aug 97 01:14 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.74	15.50	969	3499	43.358	146.710 #
21) L5 Aroclor-1248 {3}	0.00	15.73	0	1180	N.D.	47.375 #
Total Aroclor-1248			3709	5488	145.366	247.789
Average Aroclor-1248					72.683	82.596
22) L6 Aroclor-1254	13.46	17.73	6628	6533	185.451	185.762
23) L6 Aroclor-1254 {2}	13.81	18.12	13973	14418	184.700	187.081
24) L6 Aroclor-1254 {3}	14.30	18.56	6870	8651	188.548	180.838
25) L6 Aroclor-1254 (4)	14.67	19.07	8480	6093	185.814	185.715
26) L6 Aroclor-1254 (5)	16.21	20.62	11078	9200	183.927	177.372
Total Aroclor-1254			47029	44895	928.440	916.768
Average Aroclor-1254					185.688	183.354
27) L7 Aroclor-1260	17.34	22.02	3275	715	100.838	28.546 #
28) L7 Aroclor-1260 {2}	18.32	22.52	1605	1543	25.706	26.199
29) L7 Aroclor-1260 {3}	19.44	24.48	1093	878	24.455	35.507 #
Total Aroclor-1260			5973	3136	150.998	90.252
Average Aroclor-1260					50.333	30.084

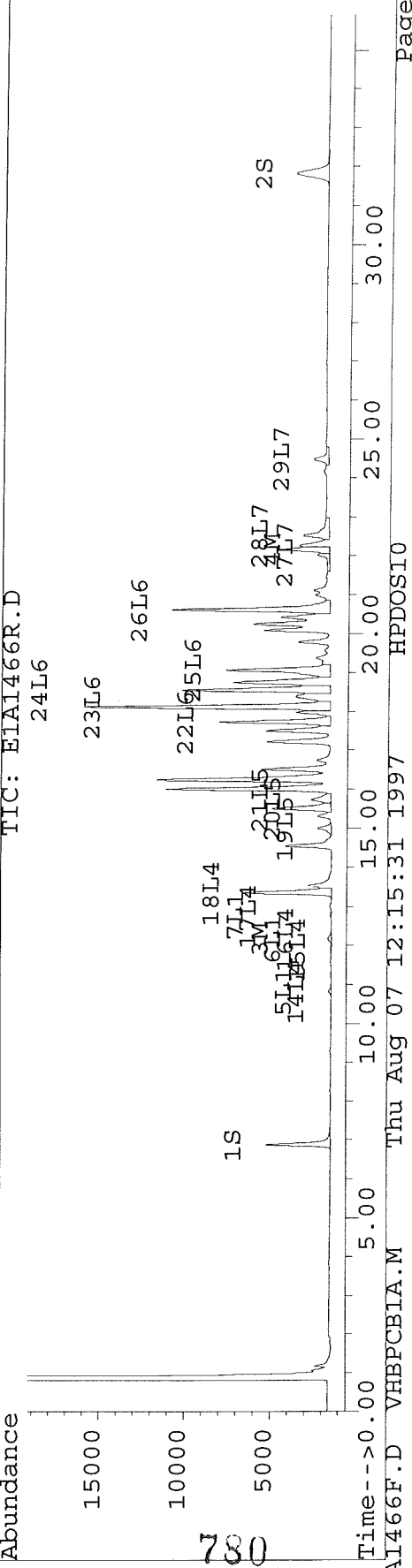
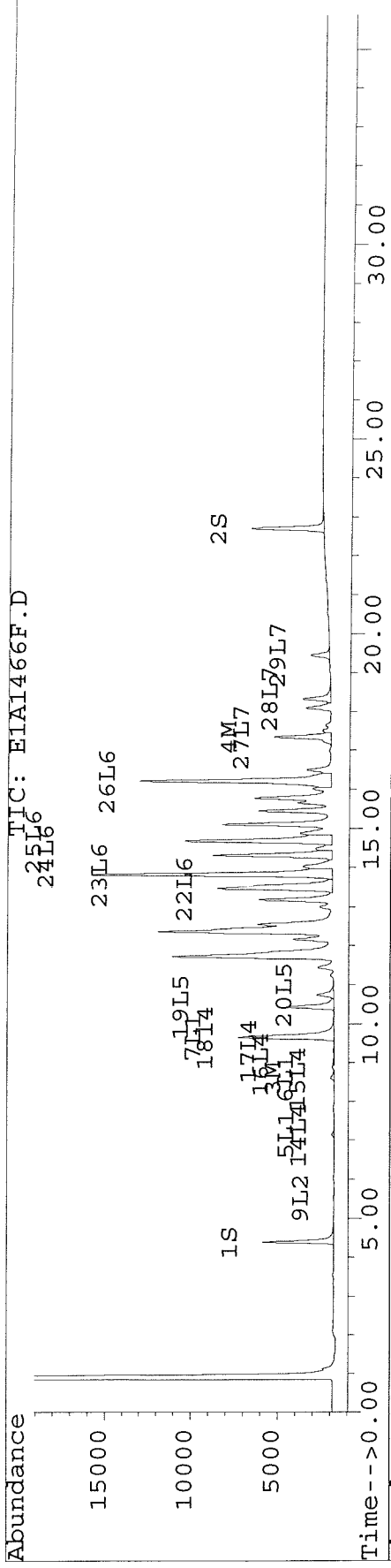
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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1466F.D Vial: 44
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1466R.D
 Acq On : 07 Aug 97 01:14 AM Operator: JS/GML
 Sample : ar1254c6,ar1254c6,,ar1254.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 12:11 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1467F.D Vial: 45
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1467F.D\E1A1467R.D
 Acq On : 07 Aug 97 01:54 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 8:16 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.39	6.87	3515	3315	15.387	15.701
			Recovery	=	38.47%	39.25%
2) S Decachlorobiphenyl	22.69	31.81	3924	1746	16.126	15.403m
			Recovery	=	40.32%	38.51%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.59	12.18	12847	10658	144.007	120.641
4) M 2,2',3,3',4,4'-Hexa	17.34	22.17	9130	2186	50.168	13.282 #
5) L1 Aroclor-1016	7.13	10.82	8839	8453	281.375	285.898
6) L1 Aroclor-1016 {2}	8.59	12.18	12847	10658	283.336	288.182
7) L1 Aroclor-1016 {3}	9.69	12.77	7294	4823	302.090	278.085
Total Aroclor-1016			28981	23935	866.800	852.166
Average Aroclor-1016					288.933	284.055
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	7.13	10.82	8839	8453	241.900	243.331
15) L4 Aroclor-1242 {2}	8.59	11.89	12847	3774	240.711	248.272
16) L4 Aroclor-1242 {3}	8.98	12.18	5207	10658	244.093	247.867
17) L4 Aroclor-1242 (4)	9.30	12.77	4310	4823	245.782	238.509
18) L4 Aroclor-1242 (5)	9.69	13.35	7294	4845	258.866	250.542
Total Aroclor-1242			38498	32554	1231.352	1228.521
Average Aroclor-1242					246.270	245.704
19) L5 Aroclor-1248	10.43	14.99	5988	2628	222.891	174.453

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1467F.D Vial: 45
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1467F.D\E1A1467R.D
 Acq On : 07 Aug 97 01:54 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : E1
 Misc : 2,,,3 Multiplr: 1.00
 Quant Time: Aug 7 8:16 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 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	pg/ul	pg/ul
20) L5 Aroclor-1248 {2}	10.74	15.51	4256	723	190.475	30.297 #
21) L5 Aroclor-1248 {3}	0.00	15.72	0	1291	N.D.	51.844 #
Total Aroclor-1248			10244	4642	413.365	256.593
Average Aroclor-1248					206.683	85.531
22) L6 Aroclor-1254	0.00	17.73	0	661	N.D.	18.783 #
23) L6 Aroclor-1254 {2}	13.82	18.10	6833	6132	90.325	79.569
24) L6 Aroclor-1254 {3}	14.30	0.00	10848	0	297.710	N.D. #
25) L6 Aroclor-1254 (4)	14.68	19.06	1276	11870	27.965	361.825 #
26) L6 Aroclor-1254 (5)	16.21	20.61	11882	9951	197.280	191.838
Total Aroclor-1254			30840	28614	613.281	652.015
Average Aroclor-1254					153.320	163.004
27) L7 Aroclor-1260	17.34	22.02	9130	7155	281.149	285.673
28) L7 Aroclor-1260 {2}	18.31	22.52	18212	17437	291.640	296.104
29) L7 Aroclor-1260 {3}	19.43	24.47	12598	6944	281.963	280.726
Total Aroclor-1260			39941	31536	854.751	862.502
Average Aroclor-1260					284.917	287.501

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Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1467F.D Vial: 45
 Signal #2 : C:\HPCHEM\5\DATA\AUG97\970804\E1A1467R.D
 Acq On : 07 Aug 97 01:54 AM Operator: JS/GML
 Sample : ar1660c6,ar1660c6,,ar1660.sub Inst : EI
 Misc : 2,,3 Multiplr: 1.00
 Quant Time: Aug 7 8:16 1997

Method : C:\HPCHEM\5\METHODS\VHBPCB1A.M
 Title : VHB PCB 5 LEVEL RUN 7/29/97
 Last Update : Mon Aug 04 16:37:54 1997
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL Signal #2 Phase: DB-608
 Signal #1 Phase : DB-1701 Signal #2 Info : 0.53 MM
 Signal #1 Info : 0.53 MM

