

SR-28-0143

Appendix J - PCB Cleanup Verification Report, 2 of 2

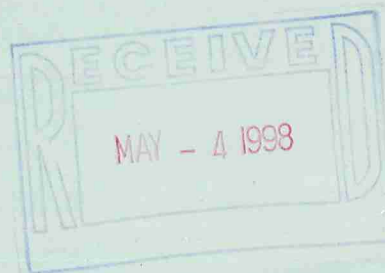
Boliden Metech Allens Avenue Facility

Laboratory Analytical Results, Sampling Round 4

434 Allens Avenue
Providence,
Rhode Island

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

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



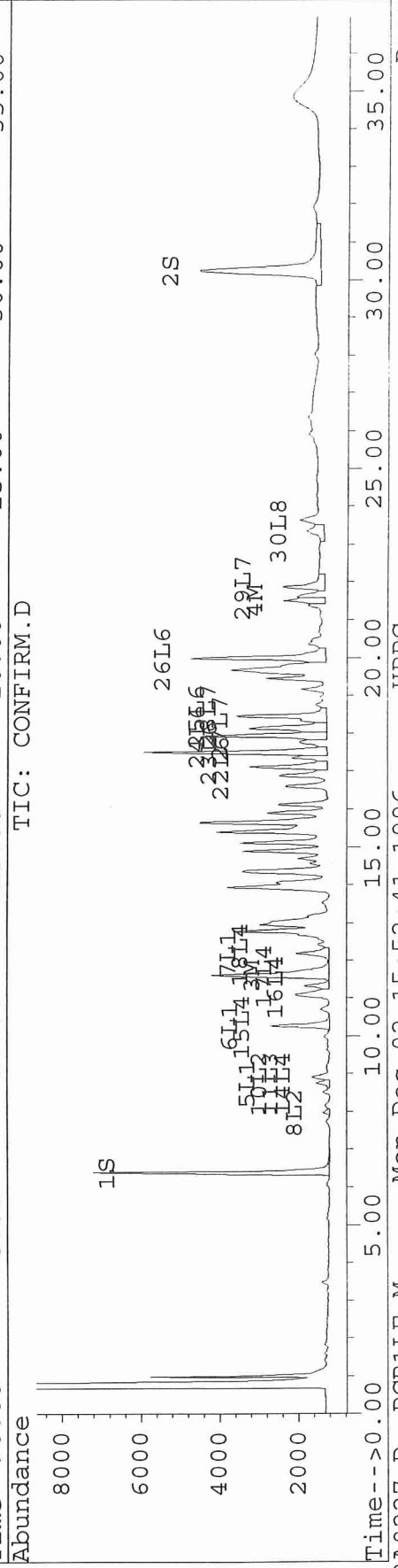
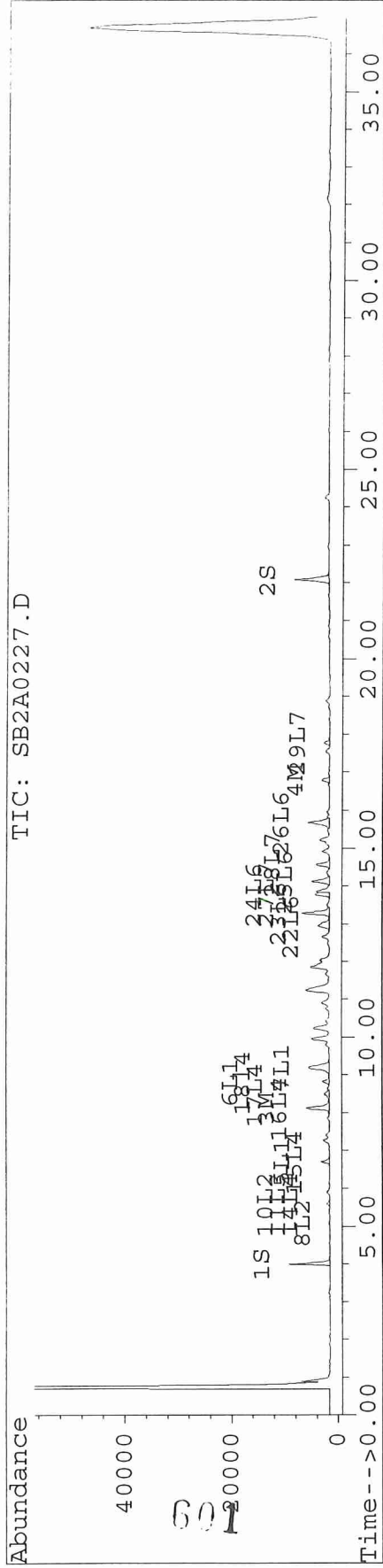
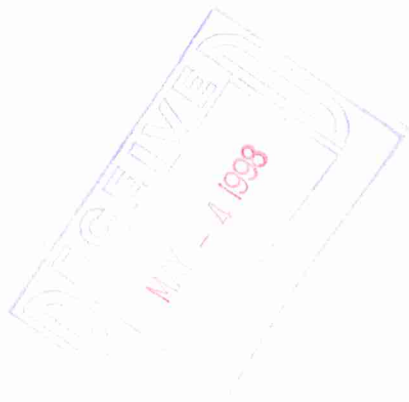
March 1998

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0227.D Vial: 39
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0227.D\CONFIRM.D
Acq On : 30 Nov 96 11:24 PM Operator: JS
Sample : VHB,C0995-111,DG11 Inst : SB2
Misc : 15.2g,25mL,No Dilution Multiplr: 1.00
Quant Time: Dec 2 15:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
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 : D:\HPCHEM\5\29NOV96\SB2A0228.D Vial: 40
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0228.D\CONFIRM.D
 Acq On : 01 Dec 96 00:04 AM Operator: JS
 Sample : VHB, C0995-112, DL9 Inst : SB2
 Misc : 15.2g, 25mL, No Dilution Multiplr: 1.00
 Quant Time: Dec 2 15:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

91% solid

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	7358	5752	38.064	37.365
			Recovery	=	95.16%	<u>93.41%</u>
2) S Decachlorobiphenyl	22.09	30.25	6624	3249	41.869	43.887
			Recovery	=	<u>104.67%</u>	109.72%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	47584	34572	637.351	522.951
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	11601	8378	89.263	68.944
5) L1 Aroclor-1016	6.70	8.75	12161	1687	494.554	178.053 #
6) L1 Aroclor-1016 {2}	8.81	10.26	14028	10576	1169.442	498.142 #
7) L1 Aroclor-1016 {3}	9.19	12.19	30704	6084	1607.462	505.727 #
Total Aroclor-1016			56893	18348	3271.458	1181.922
Average Aroclor-1016					1090.486	393.974
8) L2 Aroclor-1221	5.01f	7.97f	153	618	21.775	101.049 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	1687	N.D.	109.869 #
Total Aroclor-1221			153	2305	21.775	210.918
Average Aroclor-1221					21.775	105.459
11) L3 Aroclor-1232	0.00	8.75f	0	1687	N.D.	117.703 #
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	1687	N.D.	117.703
Average Aroclor-1232					0.000	117.703
14) L4 Aroclor-1242	5.58	8.75	5398	1687	338.462	130.598 #
15) L4 Aroclor-1242 {2}	6.70	10.26	12161	10576	410.646	413.355
16) L4 Aroclor-1242 {3}	8.11	11.32	47584	4715	<u>1144.289</u>	439.193 #
17) L4 Aroclor-1242 (4)	8.49	11.60	7465	34572	<u>432.731</u>	1064.985 #
18) L4 Aroclor-1242 (5)	8.81	12.19	14028	6084	<u>999.213</u>	424.595 #
Total Aroclor-1242			86634	57634	3325.340	2472.726
Average Aroclor-1242					665.068	494.545
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	602	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0228.D Vial: 40
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0228.D\CONFIRM.D
 Acq On : 01 Dec 96 00:04 AM Operator: JS
 Sample : VHB,C0995-112,DL9 Inst : SB2
 Misc : 15.2g,25mL,No Dilution Multiplr: 1.00
 Quant Time: Dec 2 15:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	20803	18345	887.586	873.560
23) L6 Aroclor-1254 {2}	13.29	17.50	42582	39195	867.430	828.618
24) L6 Aroclor-1254 {3}	13.78	17.93	20100	26464	867.520	922.581
25) L6 Aroclor-1254 (4)	14.12	18.45	28895	17058	951.713	883.005
26) L6 Aroclor-1254 (5)	15.67	19.98	33733	27421	926.364	918.289
Total Aroclor-1254			146113	128483	4500.613	<u>4426.053</u>
Average Aroclor-1254					900.123	885.211
27) L7 Aroclor-1260	13.78	18.13	20100	14305	791.189	595.018
28) L7 Aroclor-1260 {2}	14.57	18.45	17958	17058	621.228	633.121
29) L7 Aroclor-1260 {3}	17.77	21.86	8095	7571	200.498	185.485
Total Aroclor-1260			46153	38935	1612.915	1413.624
Average Aroclor-1260					537.638	471.208
30) L8 Aroclor-1268	18.88	23.34f	5893	2105	NoCal	490.177 #
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	2105	N.D.	490.177
Average Aroclor-1268					0.000	490.177

AR1242 - Use 2pts

$$\frac{2143 \times \frac{5}{2} \times 25}{15.2 \times 0.91} = 9680$$

AR1254

$$\frac{4426 \times 25}{15.2 \times 0.91} = 8000$$

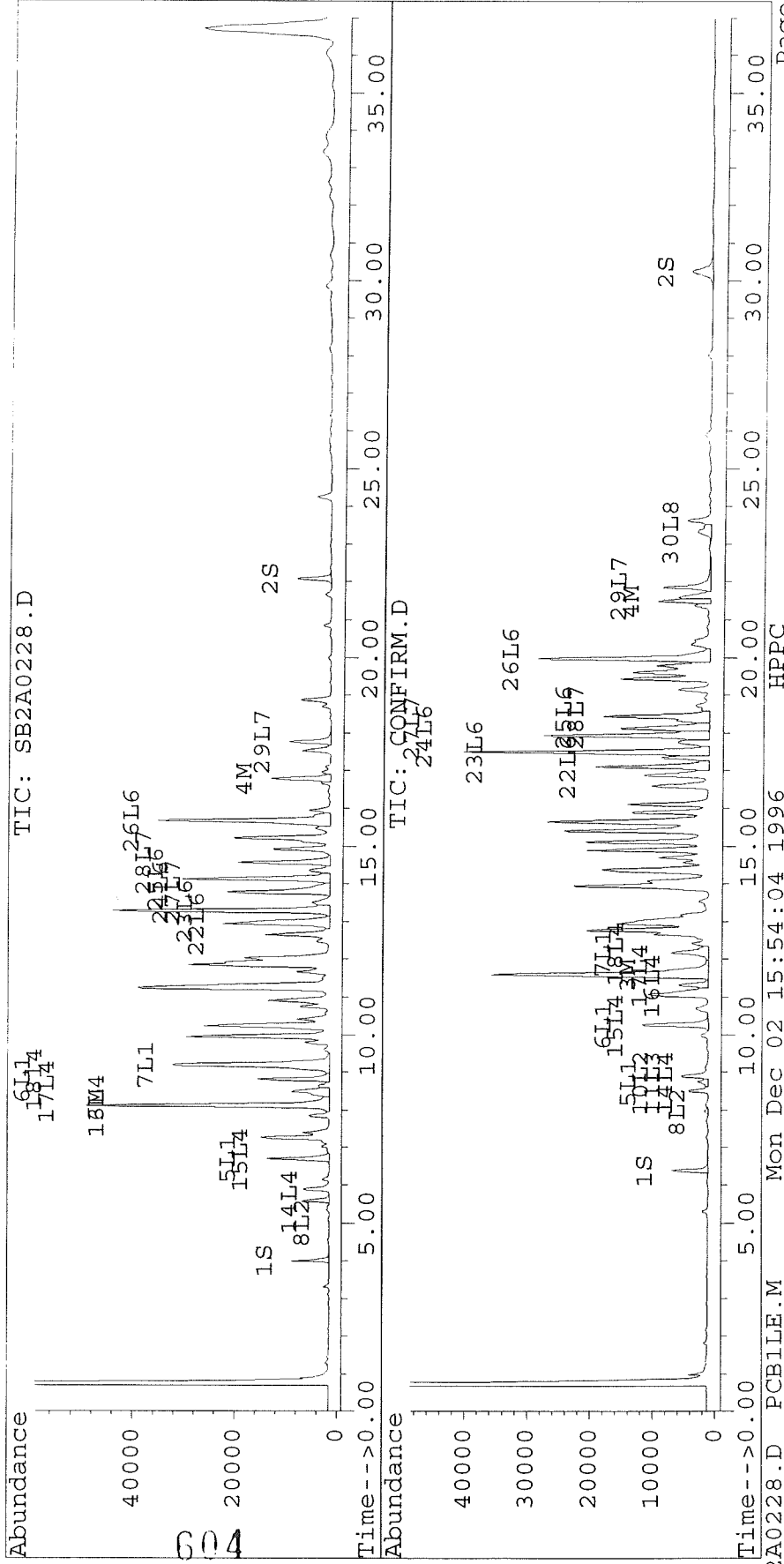
MR603 184/360

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0228.D Vial: 40
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0228.D\CONFIRM.D
 Acq On : 01 Dec 96 00:04 AM Operator: JS
 Sample : VHB,C0995-112,DL9 Inst : SB2
 Misc : 15.2g,25mL,No Dilution Multiplr: 1.00
 Quant Time: Dec 2 15:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\29NOV96\SB2A0229.D Vial: 41
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0229.D\CONFIRM.D
 Acq On : 01 Dec 96 00:45 AM Operator: JS
 Sample : VHB, C0995-113, DF8 Inst : SB2
 Misc : 15.4g, 25mL, No Dilution Multiplr: 1.00
 Quant Time: Dec 2 15:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

94% solid

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.38	7574	5687	39.183	36.942
			Recovery	=	97.96%	92.36%
2) S Decachlorobiphenyl	22.09	30.25	6309	3048	39.877	41.172
			Recovery	=	99.69%	102.93%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	9666	6704	129.476	101.414
4) M 2,2',3,3',4,4'-Hexa	16.79	21.51	2205	1571	16.968	12.929
5) L1 Aroclor-1016	6.70	8.75	2265	445	92.125	46.972 #
6) L1 Aroclor-1016 {2}	8.82	10.27	2894	2058	241.236	96.914 #
7) L1 Aroclor-1016 {3}	9.20	12.19	6121	1516	320.441	126.024 #
Total Aroclor-1016			11280	4019	653.802	269.910
Average Aroclor-1016					217.934	89.970
8) L2 Aroclor-1221	5.01f	7.97f	63	201	8.995	32.828 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	445	N.D.	28.984 #
Total Aroclor-1221			63	646	8.995	61.813
Average Aroclor-1221					8.995	30.906
11) L3 Aroclor-1232	0.00	8.75f	0	445	N.D.	31.051 #
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	445	N.D.	31.051
Average Aroclor-1232					0.000	31.051
14) L4 Aroclor-1242	5.59	8.75	1033	445	64.760	34.453 #
15) L4 Aroclor-1242 {2}	6.70	10.27	2265	2058	76.494	80.419
16) L4 Aroclor-1242 {3}	8.11	11.32	9666	1135	232.458	105.769 #
17) L4 Aroclor-1242 (4)	8.49	11.60	1770	6704	102.585	206.528 #
18) L4 Aroclor-1242 (5)	8.82	12.19	2894	1516	206.121	105.806 #
Total Aroclor-1242			17628	11859	682.418	532.975
Average Aroclor-1242					136.484	106.595
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

605

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0229.D Vial: 41
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0229.D\CONFIRM.D
 Acq On : 01 Dec 96 00:45 AM Operator: JS
 Sample : VHB, C0995-113, DF8 Inst : SB2
 Misc : 15.4g, 25mL, No Dilution Multiplr: 1.00
 Quant Time: Dec 2 15:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	3530	3043	150.591	144.920
23) L6 Aroclor-1254 {2}	13.29	17.50	7730	7027	157.463	148.551
24) L6 Aroclor-1254 {3}	13.78	17.93	3771	5706	162.743	198.916
25) L6 Aroclor-1254 (4)	14.13	18.45	6271	3284	206.543	169.971
26) L6 Aroclor-1254 (5)	15.67	19.98	6279	5095	172.427	170.618
Total Aroclor-1254			27580	24154	849.768	832.975
Average Aroclor-1254					169.954	166.595
27) L7 Aroclor-1260	13.78	18.13	3771	2642	148.424	109.880 #
28) L7 Aroclor-1260 {2}	14.57	18.45	3573	3284	123.612	121.870
29) L7 Aroclor-1260 {3}	17.77	21.86	1233	1103	30.536	27.032
Total Aroclor-1260			8577	7029	302.572	258.782
Average Aroclor-1260					100.857	86.261
30) L8 Aroclor-1268	18.89	23.34f	1096	289	NoCal	67.289 #
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
32) L8 Aroclor-1268 {3}	0.00	28.06f	0	153	N.D.	NoCal
Total Aroclor-1268			0	289	N.D.	67.289
Average Aroclor-1268					0.000	67.289

AR1254
 AR1242 - Use 2pt1

$$\frac{438 \times \frac{5}{2} \times 25}{15.4 \times 0.94} = 1890$$

$$\frac{833 \times 25}{15.4 \times 0.94} = 1440$$

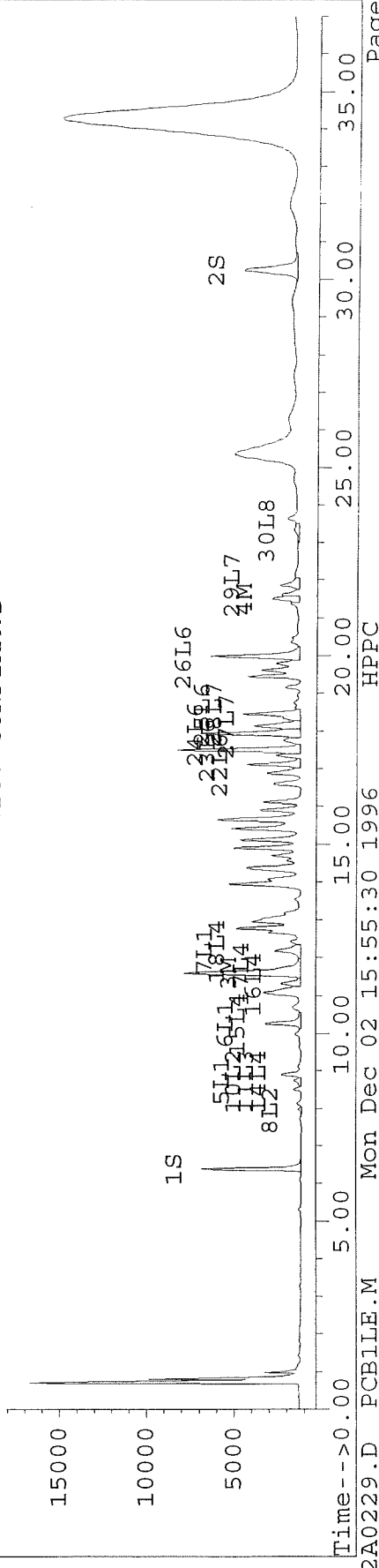
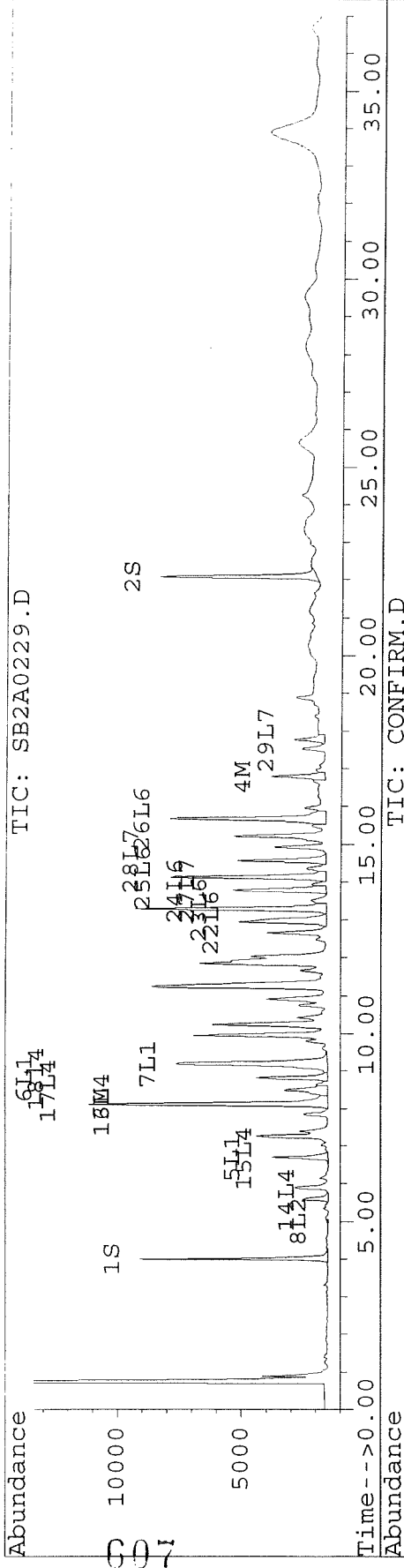
 606
 MRL = 170 / 350

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0229.D Vial: 41
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0229.D\CONFIRM.D
 Acq On : 01 Dec 96 00:45 AM Operator: JS
 Sample : VHB,C0995-113,DF8 Inst : SB2
 Misc : 15.4g,25mL,No Dilution Multiplr: 1.00
 Quant Time: Dec 2 15:54 1996

Method : C:\HPCHEM\5\METHODS\PCBILE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\29NOV96\SB2A0230.D Vial: 42
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0230.D\CONFIRM.D
 Acq On : 01 Dec 96 01:26 AM Operator: JS
 Sample : VHB,C0995-114,DH7 Inst : SB2
 Misc : 15.3g,25mL,No Dilution Multiplr: 1.00
 Quant Time: Dec 2 15:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

89% solid

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	7616	5857	39.399	38.046
			Recovery	=	98.50%	<u>95.11%</u>
2) S Decachlorobiphenyl	22.08	30.25	6126	3127	38.718	42.241
			Recovery	=	96.80%	<u>105.60%</u>
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	9541	6264	127.797	94.757 #
4) M 2,2',3,3',4,4'-Hexa	16.79	21.51	1796	1701	13.821	13.994
5) L1 Aroclor-1016	6.70	8.75	2052	406	83.434	42.842 #
6) L1 Aroclor-1016 {2}	8.82	10.27	2526	1854	210.567	87.303 #
7) L1 Aroclor-1016 {3}	9.19	12.18	5861	1382	306.824	114.850 #
Total Aroclor-1016			10438	3641	600.825	244.995
Average Aroclor-1016					200.275	81.665
8) L2 Aroclor-1221	5.01	0.00	52	0	7.469	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.59f	8.75f	933	406	46.151	26.436 #
Total Aroclor-1221			985	406	53.620	26.436
Average Aroclor-1221					26.810	26.436
11) L3 Aroclor-1232	5.59f	8.75f	933	406	51.124	28.321 #
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			933	406	51.124	28.321
Average Aroclor-1232					51.124	28.321
14) L4 Aroclor-1242	5.59	8.75	933	406	58.476	31.424 #
15) L4 Aroclor-1242 {2}	6.70	10.27	2052	1854	69.278	72.444
16) L4 Aroclor-1242 {3}	8.11	11.32	9541	802	<u>229.445</u>	74.696 #
17) L4 Aroclor-1242 (4)	8.49	11.61	1407	6264	<u>81.552</u>	192.972 #
18) L4 Aroclor-1242 (5)	8.82	12.18	2526	1382	<u>179.916</u>	96.425 #
Total Aroclor-1242			16458	10707	618.666	467.961
Average Aroclor-1242					123.733	93.592
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

608

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0230.D Vial: 42
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0230.D\CONFIRM.D
 Acq On : 01 Dec 96 01:26 AM Operator: JS
 Sample : VHB, C0995-114, DH7 Inst : SB2
 Misc : 15.3g, 25mL, No Dilution Multiplr: 1.00
 Quant Time: Dec 2 15:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	3021	2704	128.880	128.758
23) L6 Aroclor-1254 {2}	13.29	17.50	6920	6030	140.963	127.481
24) L6 Aroclor-1254 {3}	13.78	17.94	3393	4330	146.447	150.959
25) L6 Aroclor-1254 (4)	14.13	18.45	4594	2851	151.321	147.564
26) L6 Aroclor-1254 (5)	15.67	19.99	5275	4286	144.857	143.548
Total Aroclor-1254			23203	20201	712.468	<u>698.311</u>
Average Aroclor-1254					142.494	139.662
27) L7 Aroclor-1260	13.78	18.13	3393	2557	133.561	106.344
28) L7 Aroclor-1260 {2}	14.57	18.45	3160	2851	109.325	105.805
29) L7 Aroclor-1260 {3}	17.77	21.86	1284	1431	31.792	35.060
Total Aroclor-1260			7837	6838	274.678	247.209
Average Aroclor-1260					91.559	82.403
30) L8 Aroclor-1268	18.88	0.00	982	0	NoCal	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

AR1242 - Use 2pts

$$\frac{409 \times \frac{5}{2} \times 25}{15.3 \times 0.89} = 1880$$

AR1254

$$\frac{698 \times 25}{15.3 \times 0.89} = 1280$$

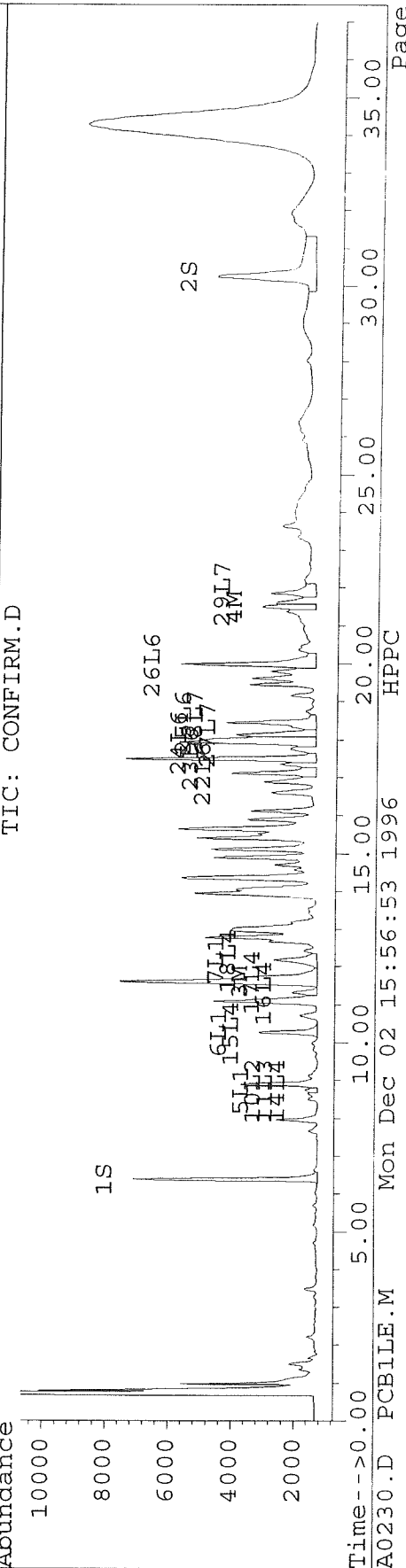
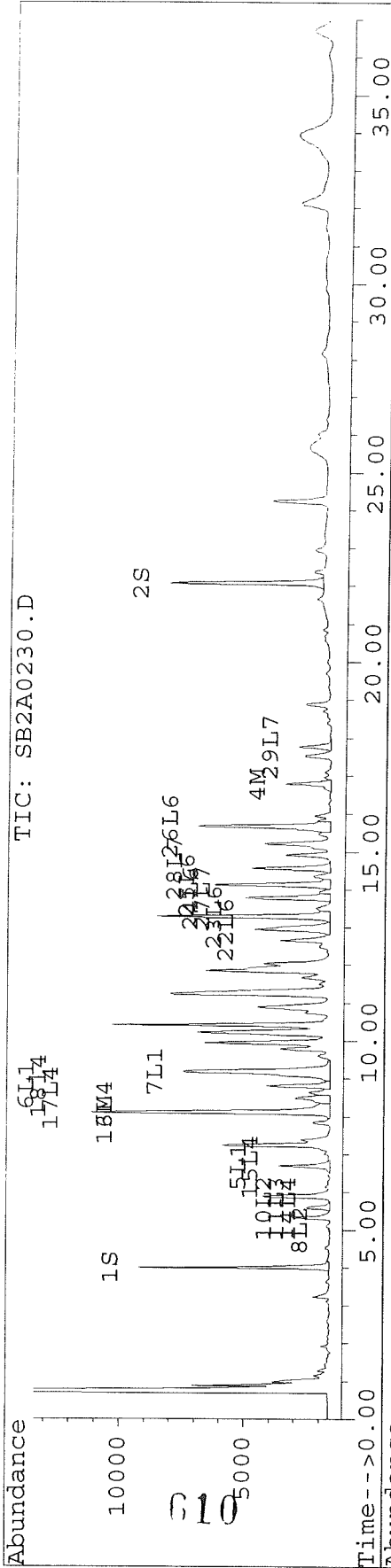
MRL 180 / 370

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0230.D Vial: 42
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0230.D\CONFIRM.D
 Acq On : 01 Dec 96 01:26 AM
 Sample : VHB,C0995-114,DH7 Operator: JS
 Misc : 15.3g,25mL,No Dilution Inst : SB2
 Quant Time: Dec 2 15:56 1996 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\29NOV96\SB2A0231.D Vial: 43
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0231.D\CONFIRM.D
 Acq On : 01 Dec 96 02:06 AM Operator: JS
 Sample : VHB, C0995-115, DK4 Inst : SB2
 Misc : 15.5g, 25mL, No Dilution Multiplr: 1.00
 Quant Time: Dec 2 15:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

92%

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	3.99	6.38	7078	5514	36.618	35.824
			Recovery	=	91.55%	89.56%
2) S Decachlorobiphenyl	22.09	30.25	5968	3021	37.718	40.812
			Recovery	=	94.30%	102.03%

Target Compounds						
3) M 2,4,4'-Trichlorobip	8.10	11.60	106208	78045	1422.583	1180.553
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	12728	9154	97.941	75.329
5) L1 Aroclor-1016	6.69	8.74	20497	3691	833.554	389.602 #
6) L1 Aroclor-1016 {2}	8.81	10.26	35589	17921	2966.948	844.051 #
7) L1 Aroclor-1016 {3}	9.20	12.18	51870	13057	2715.539	1085.275
Total Aroclor-1016			107956	34669	6516.041	2318.928
Average Aroclor-1016					2172.014	772.976
8) L2 Aroclor-1221	5.07	0.00	312	0	44.463	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			312	0	44.463	N.D.
Average Aroclor-1221					44.463	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	5.58	8.74	6928	3691	434.421	285.765 #
15) L4 Aroclor-1242 {2}	6.69	10.26	20497	17921	692.129	700.387
16) L4 Aroclor-1242 {3}	8.10	11.31	106208	10390	2554.079	967.830 #
17) L4 Aroclor-1242 (4)	8.48	11.60	15733	78045	912.052	2404.187 #
18) L4 Aroclor-1242 (5)	8.81	12.18	35589	13057	2535.066	911.168 #
Total Aroclor-1242			184955	123104	7127.748	5269.338
Average Aroclor-1242					1425.550	1053.868
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0231.D Vial: 43
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0231.D\CONFIRM.D
 Acq On : 01 Dec 96 02:06 AM Operator: JS
 Sample : VHB,C0995-115,DK4 Inst : SB2
 Misc : 15.5g,25mL,No Dilution Multiplr: 1.00
 Quant Time: Dec 2 15:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	24265	21207	1035.304	1009.860
23) L6 Aroclor-1254 {2}	13.29	17.50	47801	43768	973.751	925.288
24) L6 Aroclor-1254 {3}	13.78	17.93	22904	30888	988.552	1076.801
25) L6 Aroclor-1254 (4)	14.12	18.45	33491	17843	1103.090	923.641
26) L6 Aroclor-1254 (5)	15.67	19.98	36163	29049	993.112	972.807
Total Aroclor-1254			164625	142755	5093.809	<u>4908.398</u>
Average Aroclor-1254					1018.762	<u>981.680</u>
27) L7 Aroclor-1260	13.78	18.13	22904	15560	901.572	647.231 #
28) L7 Aroclor-1260 {2}	14.56	18.45	19695	17843	681.295	662.257
29) L7 Aroclor-1260 {3}	17.77	21.86	8507	7959	210.692	194.993
Total Aroclor-1260			51105	41363	1793.560	1504.481
Average Aroclor-1260					597.853	501.494
30) L8 Aroclor-1268	18.88	23.33	6128	2145	NoCal	499.467 #
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	2145	N.D.	499.467
Average Aroclor-1268					0.000	499.467

AR - Use 2 pks

$$\frac{5089 \times \frac{5 \times 25}{2}}{15.5 \times 0.92} = 22,300$$

AR1254 =

$$\frac{4908 \times 25}{15.5 \times 0.92} = 8600$$

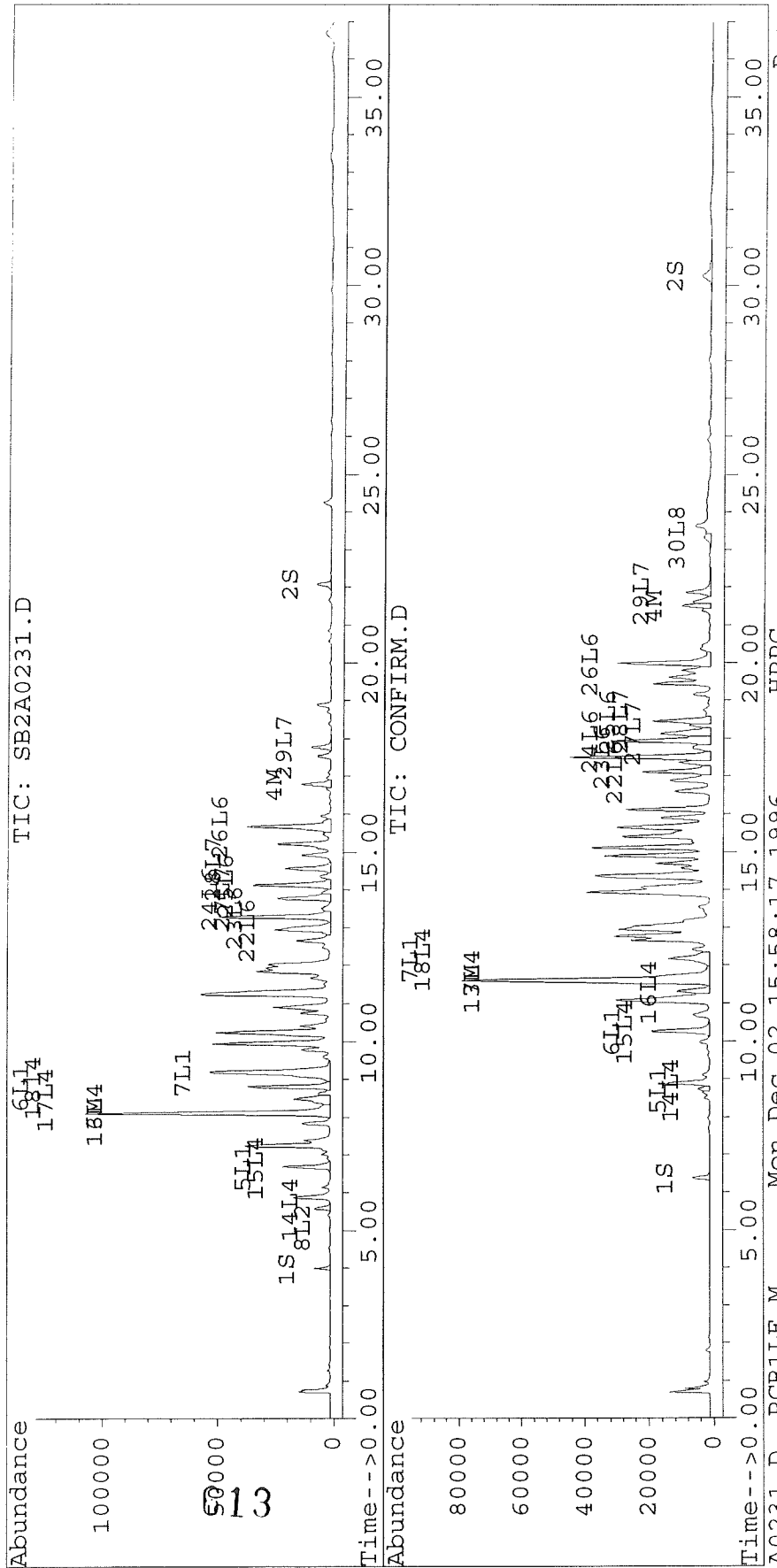
MRL = $\frac{184}{350}$ 612

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0231.D Vial: 43
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0231.D\CONFIRM.D
 Acq On : 01 Dec 96 02:06 AM Operator: JS
 Sample : VHB,C0995-115,DK4 Inst : SB2
 Misc : 15.5g,25mL,No Dilution Multiplr: 1.00
 Quant Time: Dec 2 15:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0288.D Vial: 37
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0288.D\CONFIRM.D
 Acq On : 03 Dec 96 06:15 PM Operator: JS
 Sample : 8080,VHB, C995-115,DK4,2X Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 18:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	4036	3081	20.881	20.019
			Recovery	=	52.20%	50.05%
2) S Decachlorobiphenyl	22.09	30.25	3379	1703	21.358	23.005
			Recovery	=	53.40%	57.51%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	66525	48259	891.057	729.984
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	7160	5201	55.096	42.799
5) L1 Aroclor-1016	6.70	8.74	12959	2242	527.004	236.710 #
6) L1 Aroclor-1016 {2}	8.82	10.26	21638	11295	1803.933	531.997 #
7) L1 Aroclor-1016 {3}	9.20	12.19	33474	7908	1752.469	657.274 #
Total Aroclor-1016			68072	21445	4083.406	1425.982
Average Aroclor-1016					1361.135	475.327
8) L2 Aroclor-1221	5.01f	7.97f	284	370	40.475	60.537 #
9) L2 Aroclor-1221 {2}	5.42f	0.00	612	0	104.927	N.D. #
10) L2 Aroclor-1221 {3}	5.59f	0.00	4191	0	207.432	N.D. #
Total Aroclor-1221			5087	370	352.834	60.537
Average Aroclor-1221					117.611	60.537
11) L3 Aroclor-1232	5.59f	0.00	4191	0	229.784	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			4191	0	229.784	N.D.
Average Aroclor-1232					229.784	0.000
14) L4 Aroclor-1242	5.59	8.74	4191	2242	262.826	173.622 #
15) L4 Aroclor-1242 {2}	6.70	10.26	12959	11295	437.590	441.448
16) L4 Aroclor-1242 {3}	8.11	11.32	66525	6279	1599.786	584.876 #
17) L4 Aroclor-1242 (4)	8.49	11.61	9542	48259	553.159	1486.606 #
18) L4 Aroclor-1242 (5)	8.82	12.19	21638	7908	1541.344	551.830 #
Total Aroclor-1242			114856	75983	4394.705	3238.382
Average Aroclor-1242					878.941	647.676
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	614	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0288.D Vial: 37
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0288.D\CONFIRM.D
 Acq On : 03 Dec 96 06:15 PM Operator: JS
 Sample : 8080,VHB, C995-115,DK4,2X Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 18:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	14209	12550	606.235	597.625
23) L6 Aroclor-1254 {2}	13.29	17.50	29541	26611	601.783	562.569
24) L6 Aroclor-1254 {3}	13.78	17.93	13901	18019	599.970	628.181
25) L6 Aroclor-1254 (4)	14.13	18.45	19552	10705	643.966	554.152
26) L6 Aroclor-1254 (5)	15.68	19.99	21123	16960	580.072	567.979
Total Aroclor-1254			98326	84846	3032.027	2910.506
Average Aroclor-1254					606.405	582.101
27) L7 Aroclor-1260	13.78	18.13	13901	9522	547.181	396.078 #
28) L7 Aroclor-1260 {2}	14.57	18.45	11837	10705	409.463	397.331
29) L7 Aroclor-1260 {3}	17.77	21.86	4807	4507	119.054	110.426
Total Aroclor-1260			30544	24735	1075.698	903.835
Average Aroclor-1260					358.566	301.278
30) L8 Aroclor-1268	18.89	23.34f	3438	1248	NoCal	290.454 #
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	1248	N.D.	290.454
Average Aroclor-1268					0.000	290.454

$$AR = 1248 = \frac{3140 \times \frac{5}{2} \times 12 \times 25}{15.5 \times 0.96} = 2638$$

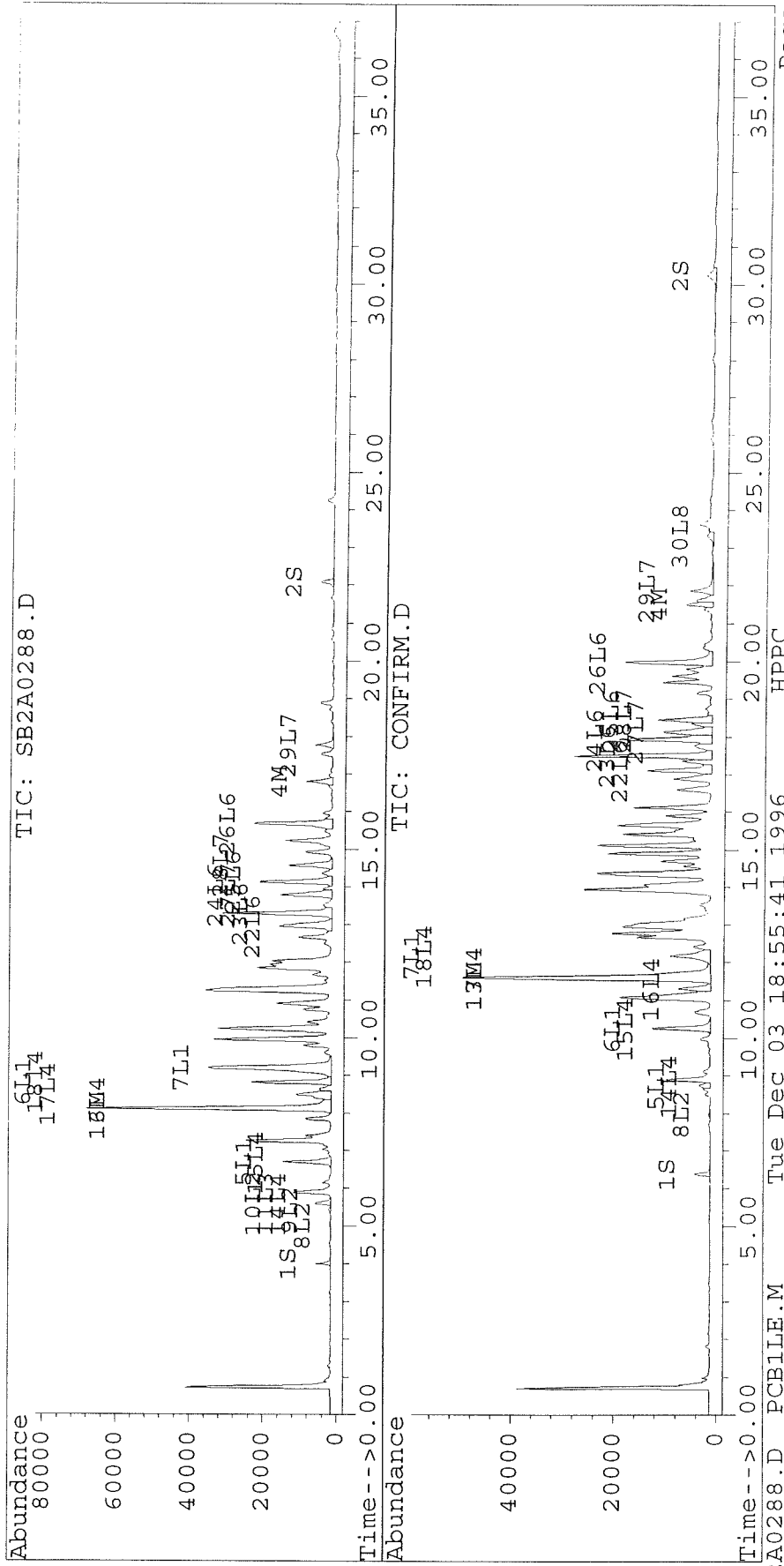
615

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0288.D Vial: 37
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0288.D\CONFIRM.D
 Acq On : 03 Dec 96 06:15 PM Operator: JS
 Sample : 8080,VHB, C995-115,DK4,2X Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 18:54 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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



616

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0235.D Vial: 47
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0235.D\CONFIRM.D
 Acq On : 01 Dec 96 04:48 AM Operator: JS
 Sample : VHB, C0995-116, DE6 Inst : SB2
 Misc : 15.5g, 25mL, No Dilution Multiplr: 1.00
 Quant Time: Dec 2 16:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

96% total

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	5986	4943	30.967	32.111
			Recovery	=	<u>77.42%</u>	80.28%
2) S Decachlorobiphenyl	22.08	30.25	5571	2622	<u>35.214</u>	35.418
			Recovery	=	<u>88.04%</u>	88.55%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	31207	22359	417.991	338.217
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	7243	5330	55.733	43.859
5) L1 Aroclor-1016	6.70	8.75	7135	1223	290.147	129.064 #
6) L1 Aroclor-1016 {2}	8.82	10.27	9560	6352	796.979	299.168 #
7) L1 Aroclor-1016 {3}	9.20	12.19	18184	3813	951.994	316.916 #
Total Aroclor-1016			34879	11387	2039.120	745.148
Average Aroclor-1016					679.707	248.383
8) L2 Aroclor-1221	5.01f	7.98f	153	321	21.801	52.482 #
9) L2 Aroclor-1221 {2}	5.42f	8.52f	311	486	53.282	99.586 #
10) L2 Aroclor-1221 {3}	5.60f	8.75f	2246	1223	111.151	79.640 #
Total Aroclor-1221			2710	2029	186.234	231.708
Average Aroclor-1221					62.078	77.236
11) L3 Aroclor-1232	5.60f	8.75f	2246	1223	123.128	85.319 #
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			2246	1223	123.128	85.319
Average Aroclor-1232					123.128	85.319
14) L4 Aroclor-1242	5.60	8.75	2246	1223	140.833	94.666 #
15) L4 Aroclor-1242 {2}	6.70	10.27	7135	6352	240.919	248.248
16) L4 Aroclor-1242 {3}	8.11	11.32	31207	3013	<u>750.453</u>	280.688 #
17) L4 Aroclor-1242 (4)	8.49	11.61	4511	22359	<u>261.531</u>	688.776 #
18) L4 Aroclor-1242 (5)	8.82	12.19	9560	3813	<u>680.967</u>	266.074 #
Total Aroclor-1242			54658	36760	2074.704	1578.452
Average Aroclor-1242					414.941	315.690
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

617

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0235.D Vial: 47
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0235.D\CONFIRM.D
 Acq On : 01 Dec 96 04:48 AM Operator: JS
 Sample : VHB,C0995-116,DE6 Inst : SB2
 Misc : 15.5g,25mL,No Dilution Multiplr: 1.00
 Quant Time: Dec 2 16:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	11321	9930	483.026	472.849
23) L6 Aroclor-1254 {2}	13.29	17.50	23963	22167	488.136	468.633
24) L6 Aroclor-1254 {3}	13.78	17.93	11534	17442	497.810	608.044
25) L6 Aroclor-1254 (4)	14.13	18.45	19019	10408	626.426	538.762
26) L6 Aroclor-1254 (5)	15.67	19.98	21577	17203	592.536	576.112
Total Aroclor-1254			87413	77150	2687.934	2664.401
Average Aroclor-1254					537.587	532.880
27) L7 Aroclor-1260	13.78	18.13	11534	8257	454.009	343.433
28) L7 Aroclor-1260 {2}	14.57	18.45	11375	10408	393.481	386.296
29) L7 Aroclor-1260 {3}	17.77	21.86	4532	4127	112.254	101.107
Total Aroclor-1260			27441	22792	959.744	830.837
Average Aroclor-1260					319.915	276.946
30) L8 Aroclor-1268	18.88	23.34f	3227	1023	NoCal	238.218 #
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	1023	N.D.	238.218
Average Aroclor-1268					0.000	238.218

$$\text{ARI2K2} = \frac{1431 \times \frac{5}{2} \times 25}{15.5 \times 0.96} = 6010$$

$$\text{ARI2K4} = \frac{2664 \times 25}{15.5 \times 0.96} = 4475$$

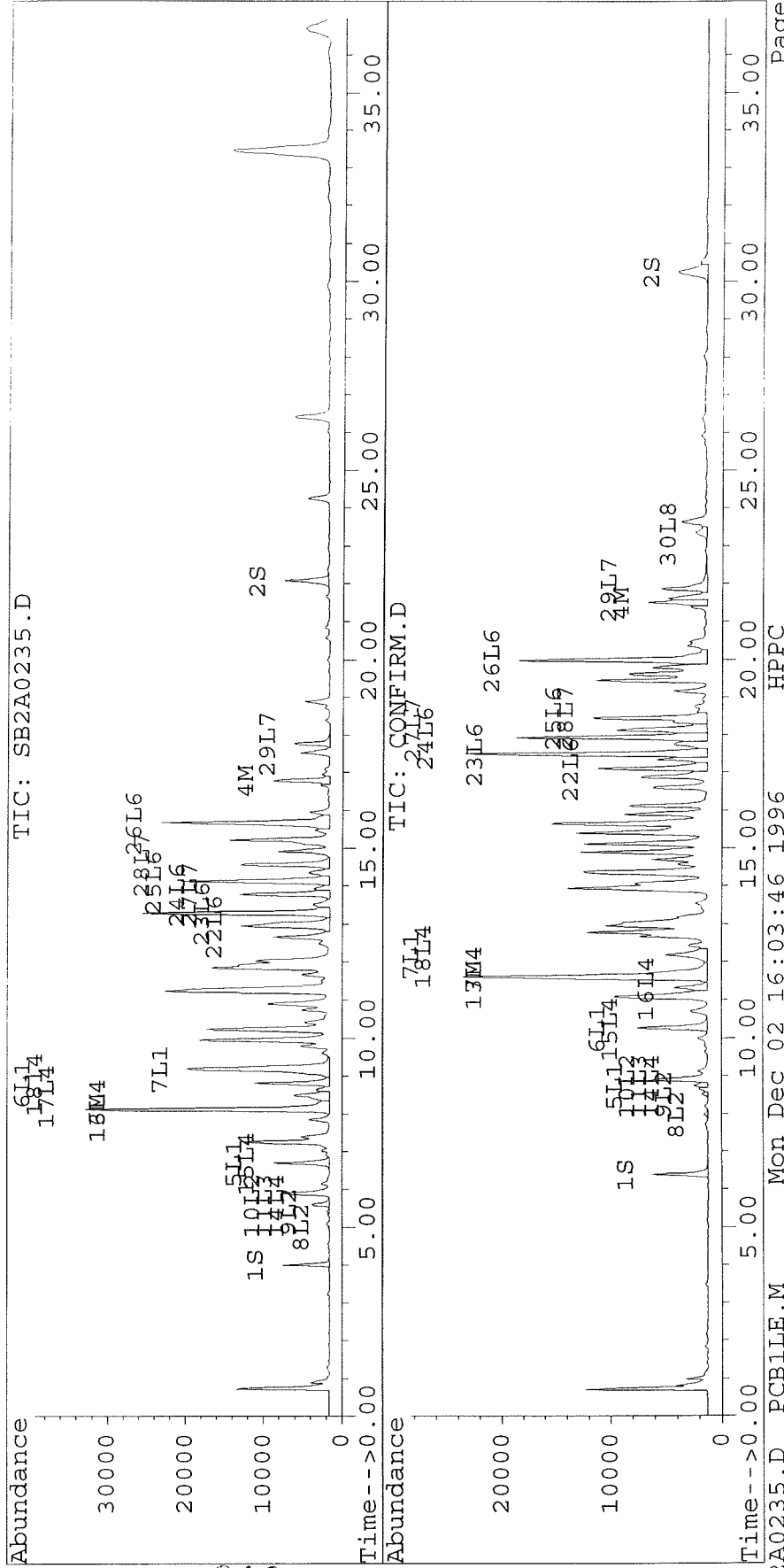
MRL = 170 / 340
 618

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0235.D Vial: 47
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0235.D\CONFIRM.D
 Acq On : 01 Dec 96 04:48 AM Operator: JS
 Sample : VHB,C0995-116,DE6 Inst : SB2
 Misc : 15.5g,25mL,No Dilution Multiplr: 1.00
 Quant Time: Dec 2 16:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\29NOV96\SB2A0236.D Vial: 48
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0236.D\CONFIRM.D
 Acq On : 01 Dec 96 05:28 AM Operator: JS
 Sample : VHB, C0995-117, DA8 Inst : SB2
 Misc : 15.3g, 25mL, No Dilution Multiplr: 1.00
 Quant Time: Dec 2 16:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

84% solid

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	5453	4367	28.212	28.372
			Recovery	=	70.53%	70.93%
2) S Decachlorobiphenyl	22.08	30.25	5245	2409	33.148	32.546
			Recovery	=	82.87%	81.36%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.12	11.62	1784	1265	23.897	19.131
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	1103	765	8.489	6.299 #
5) L1 Aroclor-1016	6.70	8.75	360	61	14.624	6.431 #
6) L1 Aroclor-1016 {2}	8.82	10.27	503	393	41.939	18.508 #
7) L1 Aroclor-1016 {3}	9.19	12.18	1595	304	83.509	25.270 #
Total Aroclor-1016			2458	758	140.072	50.210
Average Aroclor-1016					46.691	16.737
8) L2 Aroclor-1221	0.00	7.99	0	98	N.D.	16.104 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	61	N.D.	3.968 #
Total Aroclor-1221			0	159	N.D.	20.072
Average Aroclor-1221					0.000	10.036
11) L3 Aroclor-1232	0.00	8.75f	0	61	N.D.	4.251 #
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	393	N.D.	32.709 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	454	N.D.	36.960
Average Aroclor-1232					0.000	18.480
14) L4 Aroclor-1242	5.59	8.75	191	61	11.998	4.717 #
15) L4 Aroclor-1242 {2}	6.70	10.27	360	393	12.143	15.358 #
16) L4 Aroclor-1242 {3}	8.12	11.33	1784	234	42.904	21.804 #
17) L4 Aroclor-1242 (4)	8.49	11.62	257	1265	14.913	38.961 #
18) L4 Aroclor-1242 (5)	8.82	12.18	503	304	35.834	21.216 #
Total Aroclor-1242			3095	2257	117.791	102.056
Average Aroclor-1242					23.558	20.411
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	620	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0236.D Vial: 48
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0236.D\CONFIRM.D
 Acq On : 01 Dec 96 05:28 AM Operator: JS
 Sample : VHB, C0995-117, DA8 Inst : SB2
 Misc : 15.3g, 25mL, No Dilution Multiplr: 1.00
 Quant Time: Dec 2 16:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	955	883	40.762	42.034
23) L6 Aroclor-1254 {2}	13.29	17.50	2485	2282	50.620	48.239
24) L6 Aroclor-1254 {3}	13.78	17.95	1462	1692	63.107	59.002
25) L6 Aroclor-1254 (4)	14.13	18.45	1678	1444	55.269	74.726 #
26) L6 Aroclor-1254 (5)	15.67	19.99	2409	2183	66.155	73.092
Total Aroclor-1254			8989	8483	275.913	297.092
Average Aroclor-1254					55.183	59.418
27) L7 Aroclor-1260	13.78	18.13	1462	1256	57.554	52.254
28) L7 Aroclor-1260 {2}	14.57	18.45	1564	1444	54.101	53.579
29) L7 Aroclor-1260 {3}	17.77	21.87	1044	1230	25.857	30.130
Total Aroclor-1260			4070	3930	137.513	135.963
Average Aroclor-1260					45.838	45.321
30) L8 Aroclor-1268	18.88	23.31	783	333	NoCal	77.423 #
31) L8 Aroclor-1268 {2}	0.00	23.47f	0	256	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	333	N.D.	77.423
Average Aroclor-1268					0.000	77.423

AR1242 - Use 2 pts

$$\frac{78 \times \frac{5}{2} \times 25}{15.3 \times 0.84} = 380$$

AR1254

$$\frac{276 \times 25}{15.3 \times 0.84} = 540$$

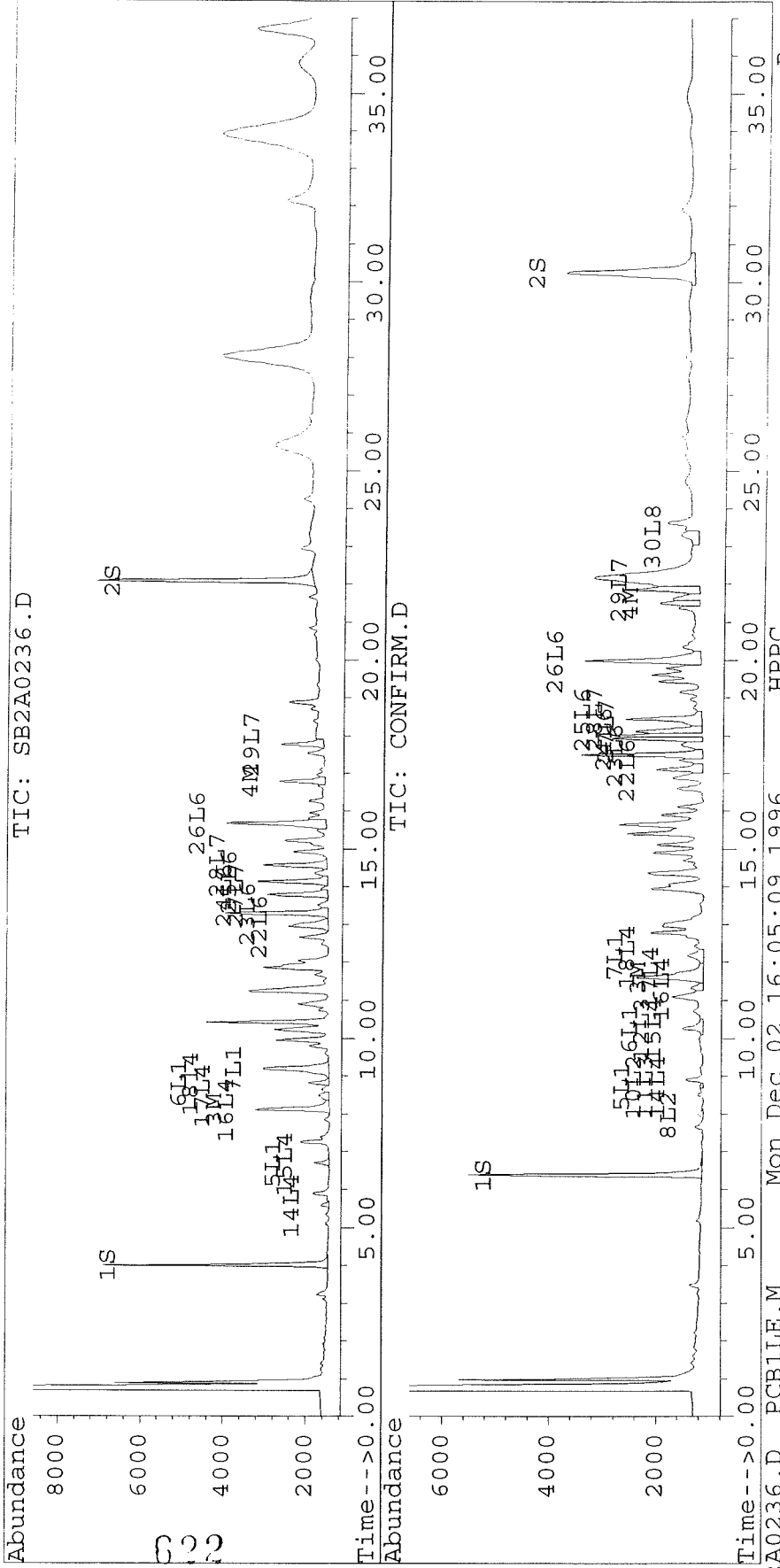
MRL 821 190/390

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0236.D Vial: 48
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0236.D\CONFIRM.D
Acq On : 01 Dec 96 05:28 AM Operator: JS
Sample : VHB,C0995-117,DA8 Inst : SB2
Misc : 15.3g,25mL,No Dilution Multiplr: 1.00
Quant Time: Dec 2 16:04 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
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 : D:\HPCHEM\5\29NOV96\SB2A0237.D Vial: 49
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0237.D\CONFIRM.D
 Acq On : 01 Dec 96 06:08 AM Operator: JS
 Sample : VHB, C0995-118, PL10 Inst : SB2
 Misc : 15.5g, 25mL, No Dilution Multiplr: 1.00
 Quant Time: Dec 2 16:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

91% solid

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	6172	4951	31.931	32.163
			Recovery	=	<u>79.83%</u>	80.41%
2) S Decachlorobiphenyl	22.08	30.25	6052	2938	38.251	39.691
			Recovery	=	<u>95.63%</u>	99.23%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	8664	6087	116.054	92.070
4) M 2,2',3,3',4,4'-Hexa	16.79	21.51	4153	2600	31.955	21.395 #
5) L1 Aroclor-1016	6.70	8.75	1911	343	77.721	36.210 #
6) L1 Aroclor-1016 {2}	8.82	10.27	2470	1763	205.953	83.031 #
7) L1 Aroclor-1016 {3}	9.19	12.19	6522	1107	341.466	92.007 #
Total Aroclor-1016			10904	3213	625.139	211.248
Average Aroclor-1016					208.380	70.416
8) L2 Aroclor-1221	5.01f	7.97f	38	344	5.419	56.219 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	343	N.D.	22.344 #
Total Aroclor-1221			38	687	5.419	78.563
Average Aroclor-1221					5.419	39.281
11) L3 Aroclor-1232	0.00	8.75f	0	343	N.D.	23.937 #
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	1763	N.D.	146.739 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	2106	N.D.	170.676
Average Aroclor-1232					0.000	85.338
14) L4 Aroclor-1242	5.58	8.75	1151	343	72.148	26.559 #
15) L4 Aroclor-1242 {2}	6.70	10.27	1911	1763	64.534	68.899
16) L4 Aroclor-1242 {3}	8.11	11.33	8664	769	<u>208.360</u>	71.606 #
17) L4 Aroclor-1242 (4)	8.49	11.61	1251	6087	<u>72.498</u>	187.500 #
18) L4 Aroclor-1242 (5)	8.82	12.19	2470	1107	<u>175.973</u>	77.246 #
Total Aroclor-1242			15447	10068	593.514	431.810
Average Aroclor-1242					118.703	86.362
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

623

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0237.D Vial: 49
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0237.D\CONFIRM.D
 Acq On : 01 Dec 96 06:08 AM Operator: JS
 Sample : VHB,C0995-118,PL10 Inst : SB2
 Misc : 15.5g,25mL,No Dilution Multiplr: 1.00
 Quant Time: Dec 2 16:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	4276	3809	182.451	181.388
23) L6 Aroclor-1254 {2}	13.29	17.50	12327	11401	251.103	241.020
24) L6 Aroclor-1254 {3}	13.78	17.94	6065	5965	261.772	207.948
25) L6 Aroclor-1254 (4)	14.13	18.45	6293	5449	207.267	282.067 #
26) L6 Aroclor-1254 (5)	15.67	19.98	10256	8436	281.658	282.517
Total Aroclor-1254			39217	35060	1184.250	1194.940
Average Aroclor-1254					236.850	238.988
27) L7 Aroclor-1260	13.78	18.13	6065	4774	238.739	198.564
28) L7 Aroclor-1260 {2}	14.57	18.45	5883	5449	203.515	202.244
29) L7 Aroclor-1260 {3}	17.77	21.86	4356	3956	107.885	96.906
Total Aroclor-1260			16304	14178	550.139	497.714
Average Aroclor-1260					183.380	165.905
30) L8 Aroclor-1268	18.88	23.28	4067	1971	NoCal	458.869 #
31) L8 Aroclor-1268 {2}	0.00	23.48f	0	1445	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	1971	N.D.	458.869
Average Aroclor-1268					0.000	458.869

AR1242 - Use 2 pts

AR1254

$$\frac{384 \times \frac{5}{2} \times 25}{15.5 \times 0.91} = 1700$$

$$\frac{1184 \times 25}{15.5 \times 0.91} = 2098$$

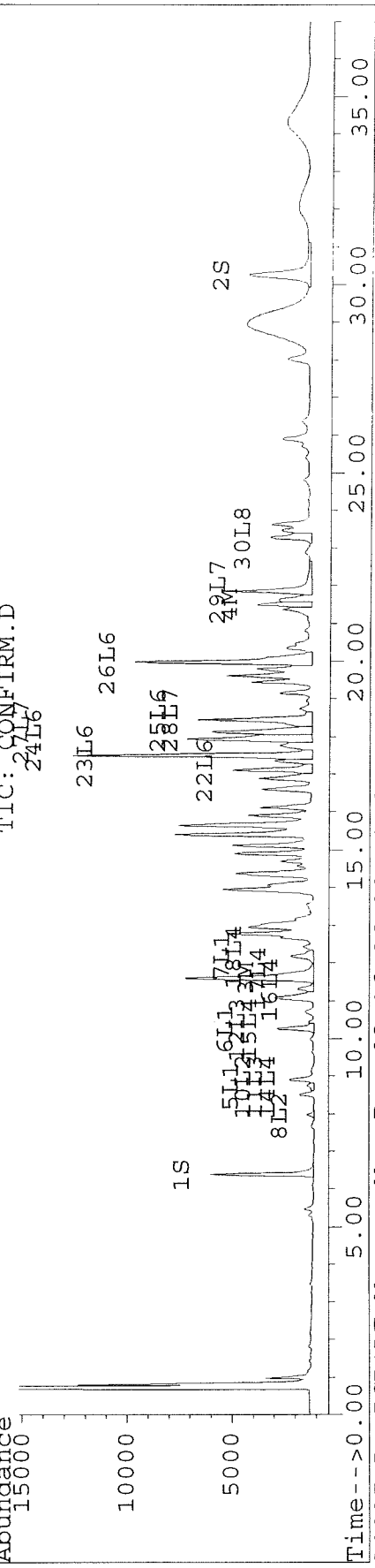
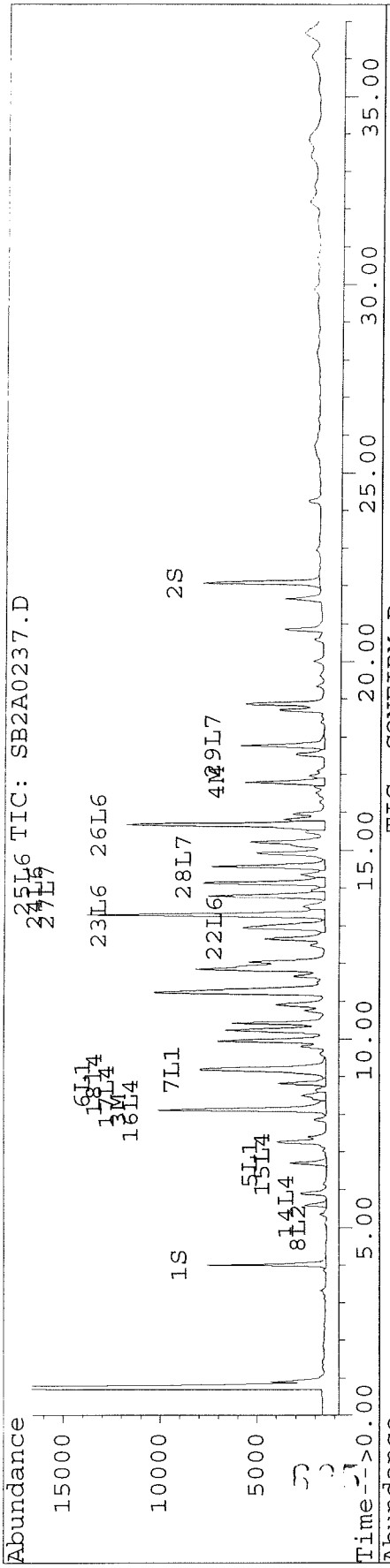
$$MRL = \frac{180}{360} \quad 624$$

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0237.D Vial: 49
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0237.D\CONFIRM.D
 Acq On : 01 Dec 96 06:08 AM Operator: JS
 Sample : VHB,C0995-118,PL10 Inst : SB2
 Misc : 15.5g,25mL,No Dilution Multiplr: 1.00
 Quant Time: Dec 2 16:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\29NOV96\SB2A0238.D Vial: 50
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0238.D\CONFIRM.D
 Acq On : 01 Dec 96 06:49 AM Operator: JS
 Sample : VHB, C0995-119, PL11 Inst : SB2
 Misc : 15.5g, 25mL, No Dilution Multiplr: 1.00
 Quant Time: Dec 2 16:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

88% sol

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	6013	4665	31.106	30.307
			Recovery	=	77.77%	75.77%
2) S Decachlorobiphenyl	22.09	30.25	5118	2487	32.349	33.589
			Recovery	=	80.87%	83.97%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	40502	29940	542.489	452.892
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	5180	3555	39.862	29.252 #
5) L1 Aroclor-1016	6.70	8.75	7607	1586	309.351	167.422 #
6) L1 Aroclor-1016 {2}	8.81	10.26	12311	6800	1026.377	320.298 #
7) L1 Aroclor-1016 {3}	9.20	12.19	23920	3892	1252.291	323.534 #
Total Aroclor-1016			43839	12279	2588.019	811.254
Average Aroclor-1016					862.673	270.418
8) L2 Aroclor-1221	5.01f	7.97f	165	321	23.599	52.500 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	1586	N.D.	103.309 #
Total Aroclor-1221			165	1907	23.599	155.809
Average Aroclor-1221					23.599	77.904
11) L3 Aroclor-1232	0.00	8.75f	0	1586	N.D.	110.675 #
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	1586	N.D.	110.675
Average Aroclor-1232					0.000	110.675
14) L4 Aroclor-1242	5.59	8.75	2872	1586	180.102	122.801 #
15) L4 Aroclor-1242 {2}	6.70	10.26	7607	6800	256.865	265.781
16) L4 Aroclor-1242 {3}	8.11	11.32	40502	3371	973.975	313.973 #
17) L4 Aroclor-1242 (4)	8.49	11.61	5184	29940	300.509	922.312 #
18) L4 Aroclor-1242 (5)	8.81	12.19	12311	3892	876.973	271.631 #
Total Aroclor-1242			68476	45590	2588.424	1896.497
Average Aroclor-1242					517.685	379.299
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

626

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0238.D Vial: 50
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0238.D\CONFIRM.D
 Acq On : 01 Dec 96 06:49 AM Operator: JS
 Sample : VHB, C0995-119, PL11 Inst : SB2
 Misc : 15.5g, 25mL, No Dilution Multiplr: 1.00
 Quant Time: Dec 2 16:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	10115	8847	431.560	421.306
23) L6 Aroclor-1254 {2}	13.29	17.50	21249	18387	432.854	388.714
24) L6 Aroclor-1254 {3}	13.78	17.93	10300	12687	444.545	442.280
25) L6 Aroclor-1254 (4)	14.12	18.45	14051	7511	462.790	388.822
26) L6 Aroclor-1254 (5)	15.67	19.98	14634	11660	401.881	390.472
Total Aroclor-1254			70348	59092	2173.630	<u>2031.593</u>
Average Aroclor-1254					434.726	406.319
27) L7 Aroclor-1260	13.78	18.13	10300	6464	405.431	268.880 #
28) L7 Aroclor-1260 {2}	14.57	18.45	8054	7511	278.610	278.788
29) L7 Aroclor-1260 {3}	17.77	21.86	3615	3260	89.523	79.879
Total Aroclor-1260			21968	17236	773.564	627.546
Average Aroclor-1260					257.855	209.182
30) L8 Aroclor-1268	18.88	23.34f	2767	1211	NoCal	282.013 #
31) L8 Aroclor-1268 {2}	0.00	23.48f	0	956	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	1211	N.D.	282.013
Average Aroclor-1268					0.000	282.013

AR1242 - Use 2 pts

AR1254

$$\frac{1850 \times \frac{5}{2} \times 25}{15.5 \times 0.88} = 8477$$

$$\frac{2032 \times 25}{15.5 \times 0.88} = 3724$$

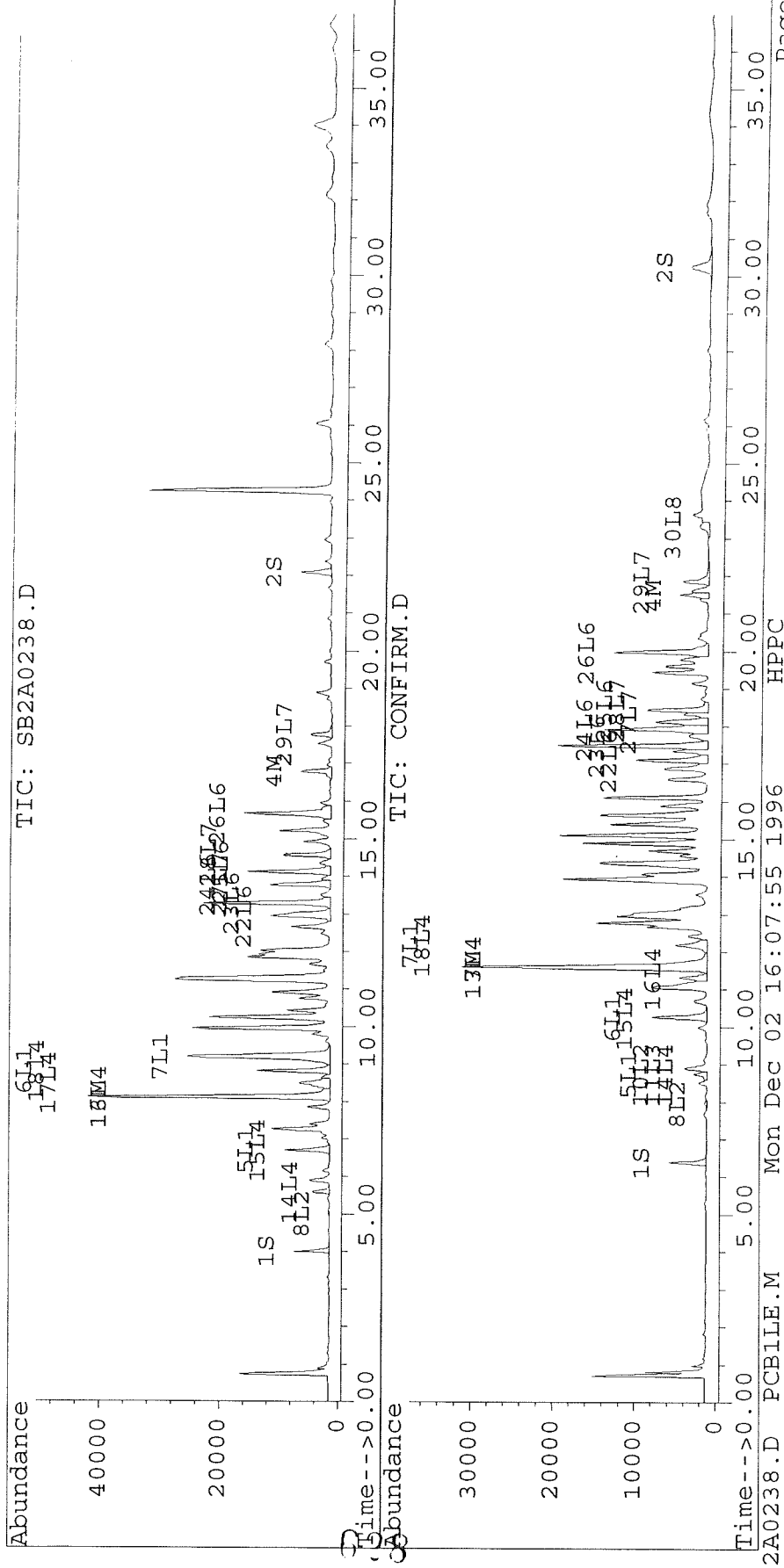
$$MRL = 180/370 \quad 627$$

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0238.D Vial: 50
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0238.D\CONFIRM.D
 Acq On : 01 Dec 96 06:49 AM
 Sample : VHB,C0995-119,PL11
 Misc : 15.5g,25mL,No Dilution
 Quant Time: Dec 2 16:07 1996
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\29NOV96\SB2A0209.D Vial: 21
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0209.D\CONFIRM.D
 Acq On : 30 Nov 96 11:12 AM Operator: JS
 Sample : 8080,P1121-B1,Method Blank Inst : SB2
 Misc : 15.0g,25mL,No Dilution Multiplr: 1.00
 Quant Time: Nov 30 12:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Sat Nov 30 08:54:04 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608 ✓
 Signal #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	4.00	6.38	8060	6283	41.925	40.814
			Recovery	=	104.81%	102.04%
2) S Decachlorobiphenyl	22.09	30.25	6898	3133	43.599	42.328
			Recovery	=	109.00%	105.82%
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
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0209.D Vial: 21
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0209.D\CONFIRM.D
 Acq On : 30 Nov 96 11:12 AM Operator: JS
 Sample : 8080,P1121-B1,Method Blank Inst : SB2
 Misc : 15.0g,25mL,No Dilution Multiplr: 1.00
 Quant Time: Nov 30 12:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Sat Nov 30 08:54:04 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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

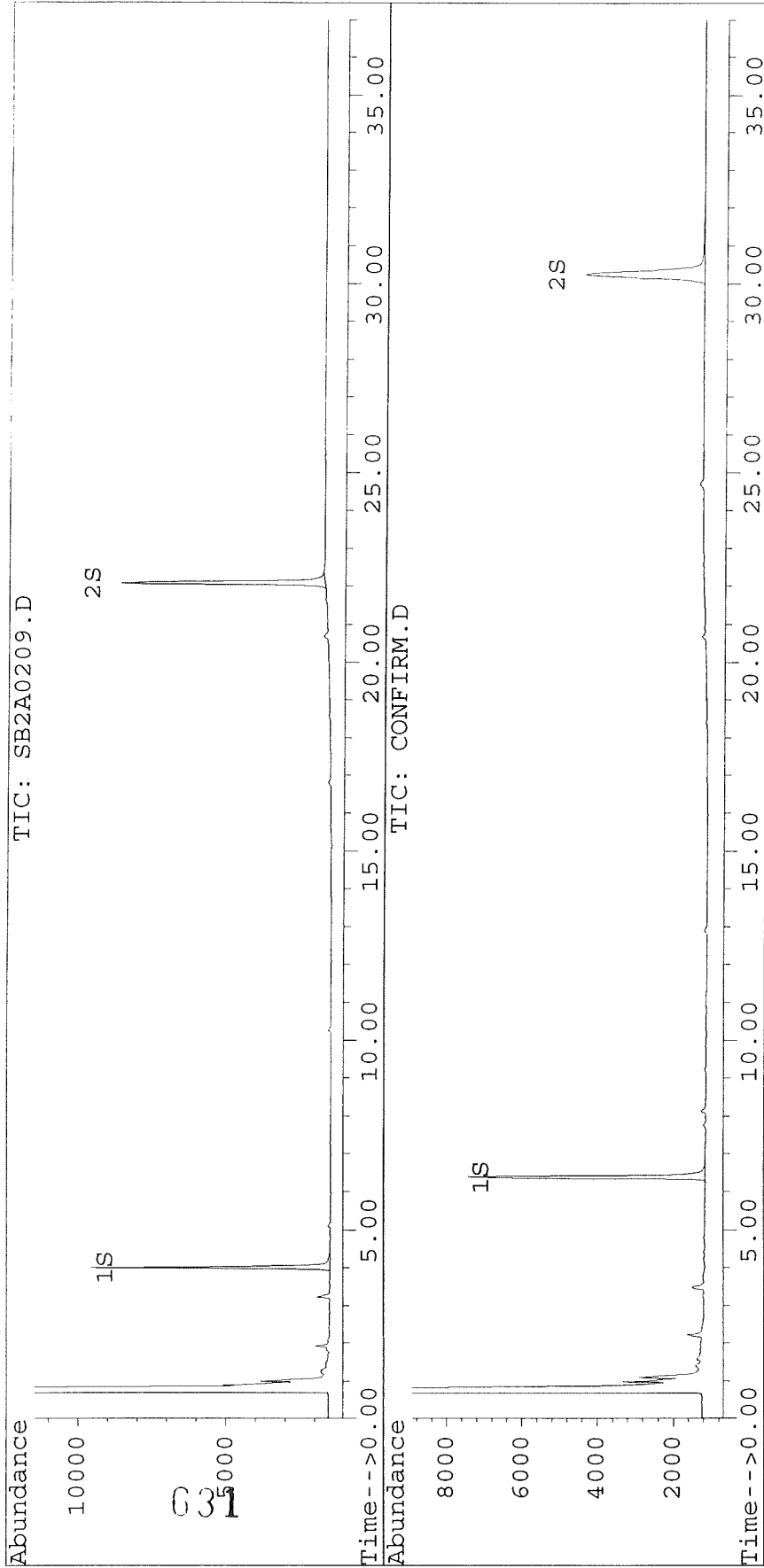
630

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0209.D Vial: 21
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0209.D\CONFIRM.D
Acq On : 30 Nov 96 11:12 AM Operator: JS
Sample : 8080,P1121-B1,Method Blank Inst : SB2
Misc : 15.0g,25mL,No Dilution Multiplr: 1.00
Quant Time: Nov 30 12:38 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
Title : PCB 5 LEVEL
Last Update : Sat Nov 30 08:54:04 1996
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 : D:\HPCHEM\5\29NOV96\SB2A0210.D Vial: 22
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0210.D\CONFIRM.D
 Acq On : 30 Nov 96 11:53 AM Operator: JS
 Sample : 8080,P1121-L1,Lab Control Sample Inst : SB2
 Misc : 15.0g,25mL,No Dilution Multiplr: 1.00
 Quant Time: Nov 30 12:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Sat Nov 30 08:54:04 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	7579	5953	39.423	38.673
			Recovery	=	98.56%	96.68%
2) S Decachlorobiphenyl	22.09	30.25	6510	3020	41.146	<u>40.800</u>
			Recovery	=	102.87%	<u>102.00%</u>
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	80016	71608	<u>1071.751</u>	1083.184
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	136870	128154	<u>1053.187</u>	1054.588
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	0.063?	0	0	N.D.d	N.D.d
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0210.D Vial: 22
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0210.D\CONFIRM.D
 Acq On : 30 Nov 96 11:53 AM Operator: JS
 Sample : 8080,P1121-L1,Lab Control Sample Inst : SB2
 Misc : 15.0g,25mL,No Dilution Multiplr: 1.00
 Quant Time: Nov 30 12:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Sat Nov 30 08:54:04 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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

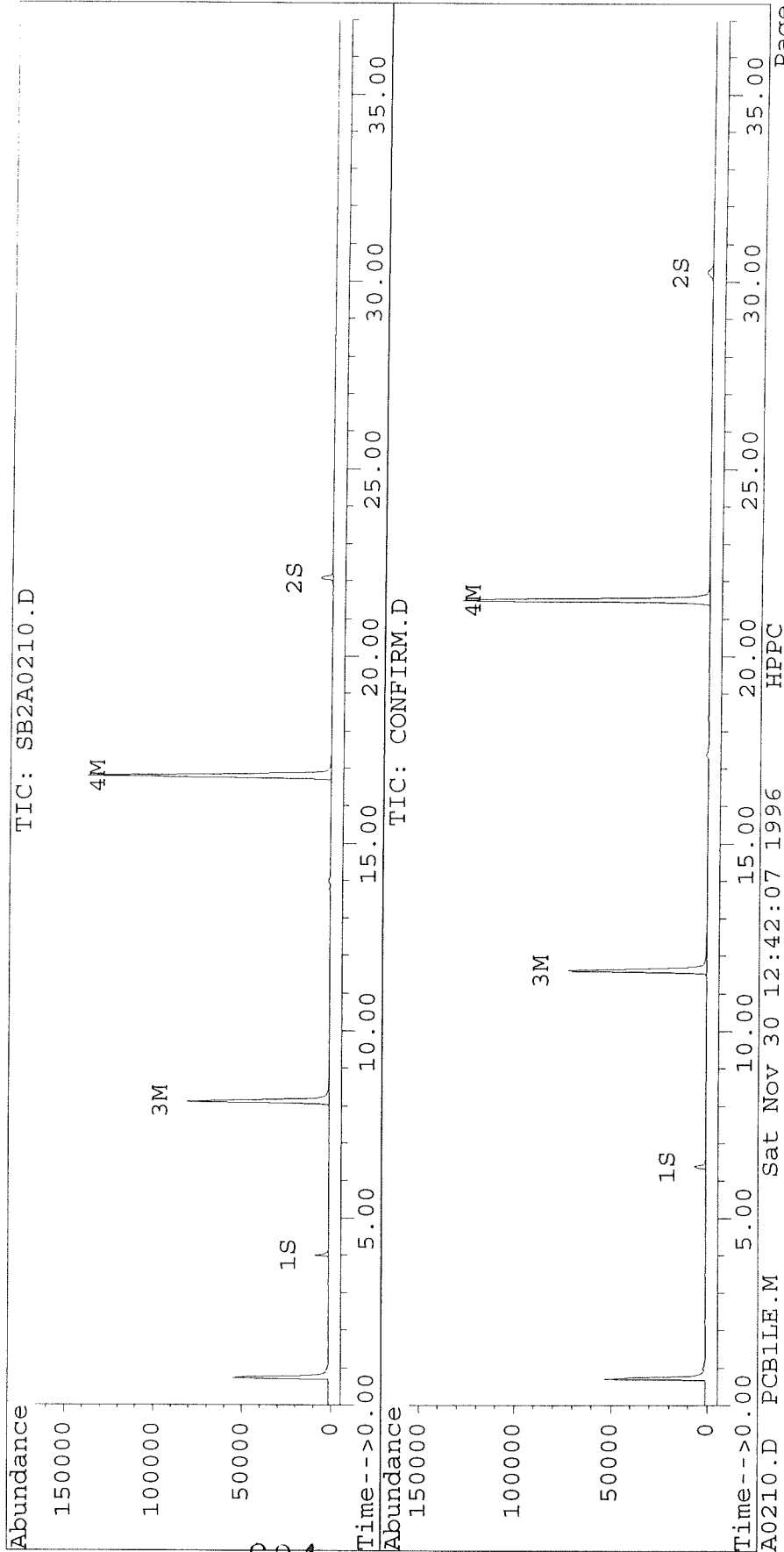
633

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0210.D Vial: 22
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0210.D\CONFIRM.D
Acq On : 30 Nov 96 11:53 AM Operator: JS
Sample : 8080,P1121-L1,Lab Control Sample Inst : SB2
Misc : 15.0g,25mL,No Dilution Multiplr: 1.00
Quant Time: Nov 30 12:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Sat Nov 30 08:54:04 1996
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



QC Batch: P1125-B1

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0261.D Vial: 10
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0261.D\CONFIRM.D
 Acq On : 02 Dec 96 11:47 PM Operator: JS
 Sample : 8080,VHB, C995-120, PKK4 Inst : SB2
 Misc : 9.0g, 25mL, 100% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 0:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	9289	6934	48.054	45.043
			Recovery	=	120.14%	<u>112.61%</u>
2) S Decachlorobiphenyl	22.09	30.25	7688	3323	48.593	<u>44.883</u>
			Recovery	=	121.48%	<u>112.21%</u>
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.59	2743	1933	36.739	29.240
4) M 2,2',3,3',4,4'-Hexa	16.79	21.51	33509	27180	257.845	223.667
5) L1 Aroclor-1016	6.70	8.75	1672	498	68.003	52.548
6) L1 Aroclor-1016 {2}	8.82	10.27	895	1412	74.579	66.494
7) L1 Aroclor-1016 {3}	9.17f	12.20	42858	681	2243.735	56.640 #
Total Aroclor-1016			45425	2591	2386.317	175.682
Average Aroclor-1016					795.439	58.561
8) L2 Aroclor-1221	5.01f	7.98f	70	55	10.002	9.075
9) L2 Aroclor-1221 {2}	5.42f	8.52f	123	92	21.071	18.934
10) L2 Aroclor-1221 {3}	5.59f	8.75f	636	498	31.473	32.425
Total Aroclor-1221			829	646	62.545	60.434
Average Aroclor-1221					20.848	20.145
11) L3 Aroclor-1232	5.59f	8.75f	636	498	34.864	34.737
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			636	498	34.864	34.737
Average Aroclor-1232					34.864	34.737
14) L4 Aroclor-1242	5.59	8.75	636	498	39.877	38.543
15) L4 Aroclor-1242 {2}	6.70	10.27	1672	1412	56.465	55.176
16) L4 Aroclor-1242 {3}	8.11	11.33	2743	530	<u>65.961</u>	49.366 #
17) L4 Aroclor-1242 (4)	8.49	11.59	997	1933	57.775	59.547
18) L4 Aroclor-1242 (5)	8.82	12.20	895	681	63.723	47.554 #
Total Aroclor-1242			6942	5054	283.801	250.186
Average Aroclor-1242					56.760	50.037
19) L5 Aroclor-1248	0.00	0.00f	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0261.D Vial: 10
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0261.D\CONFIRM.D
 Acq On : 02 Dec 96 11:47 PM Operator: JS
 Sample : 8080,VHB, C995-120, PKK4 Inst : SB2
 Misc : 9.0g, 25mL, 100% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 0:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	62514	56206	2667.198	2676.448
23) L6 Aroclor-1254 {2}	13.29	17.50	117727	111880	2398.182	2365.228
24) L6 Aroclor-1254 {3}	13.78	17.93	53533	72837	2310.553	2539.204
25) L6 Aroclor-1254 (4)	14.13	18.45	79209	45424	2608.884	2351.307
26) L6 Aroclor-1254 (5)	15.67	19.98	94932	78544	2607.012	2630.368
Total Aroclor-1254			407915	364891	12591.829	12562.556
Average Aroclor-1254					2518.366	2512.511
27) L7 Aroclor-1260	13.78	18.13	53533	40482	2107.254	1683.817
28) L7 Aroclor-1260 {2}	14.57	18.45	48297	45424	1670.743	1685.903
29) L7 Aroclor-1260 {3}	17.77	21.86	15221	13252	376.980	324.651
Total Aroclor-1260			117051	99157	4154.977	3694.371
Average Aroclor-1260					1384.992	1231.457
30) L8 Aroclor-1268	18.89	0.00	10628	0	NoCal	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

to be deleted

MRL = 280/560

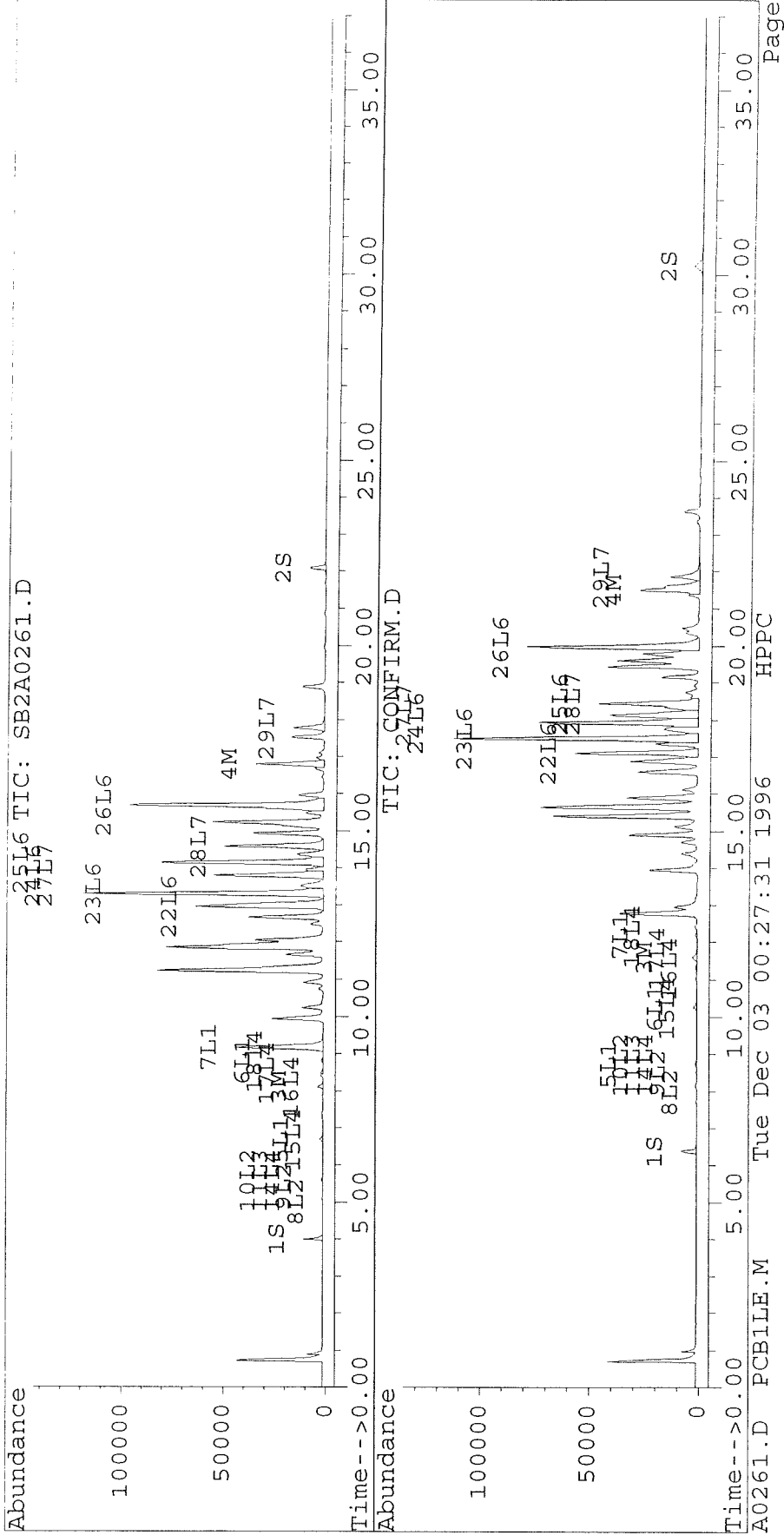
637

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0261.D Vial: 10
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0261.D\CONFIRM.D
Acq On : 02 Dec 96 11:47 PM Operator: JS
Sample : 8080,VHB, C995-120, PKK4 Inst : SB2
Misc : 9.0g, 25mL, 100% Solid, no dilution Multiplr: 1.00
Quant Time: Dec 3 0:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\02Dec96\SB2A0289.D Vial: 38
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0289.D\CONFIRM.D
 Acq On : 03 Dec 96 06:56 PM Operator: JS
 Sample : 8080,VHB, C995-120, PKK4 Inst : SB2
 Misc : 9.0g, 25mL, 100% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 3 19:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	1578	1198	8.165	7.781
			Recovery	=	20.41%	19.45%
2) S Decachlorobiphenyl	22.09	30.25	1578	811	9.972	10.951
			Recovery	=	24.93%	27.38%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.59	550	397	7.369	6.006
4) M 2,2',3,3',4,4'-Hexa	16.79	21.51	6454	5095	49.662	41.929
5) L1 Aroclor-1016	6.70	8.75	355	102	14.428	10.791 #
6) L1 Aroclor-1016 {2}	8.82	10.27	181	306	15.096	14.405
7) L1 Aroclor-1016 {3}	9.17f	12.20	10567	140	553.189	11.649 #
Total Aroclor-1016			11102	548	582.713	36.845
Average Aroclor-1016					194.238	12.282
8) L2 Aroclor-1221	5.09f	0.00	51	0	7.291	N.D. #
9) L2 Aroclor-1221 {2}	5.42f	0.00	23	0	3.885	N.D. #
10) L2 Aroclor-1221 {3}	5.59f	8.75f	129	102	6.372	6.658
Total Aroclor-1221			203	102	17.548	6.658
Average Aroclor-1221					5.849	6.658
11) L3 Aroclor-1232	5.59f	8.75f	129	102	7.059	7.133
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	306	N.D.	25.457 #
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	140	N.D.	20.212 #
Total Aroclor-1232			129	548	7.059	52.802
Average Aroclor-1232					7.059	17.601
14) L4 Aroclor-1242	5.59	8.75	129	102	8.074	7.915
15) L4 Aroclor-1242 {2}	6.70	10.27	355	306	11.980	11.953
16) L4 Aroclor-1242 {3}	8.11	11.33	550	110	13.229	10.224
17) L4 Aroclor-1242 (4)	8.49	11.59	206	397	11.932	12.231
18) L4 Aroclor-1242 (5)	8.82	12.20	181	140	12.899	9.781
Total Aroclor-1242			1421	1055	58.114	52.103
Average Aroclor-1242					11.623	10.421
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

639

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0289.D Vial: 38
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0289.D\CONFIRM.D
 Acq On : 03 Dec 96 06:56 PM Operator: JS
 Sample : 8080,VHB, C995-120, PKK4 Inst : SB2
 Misc : 9.0g, 25mL, 100% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 3 19:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	13197	11622	563.043	553.402
23) L6 Aroclor-1254 {2}	13.29	17.50	27482	26083	559.823	551.414
24) L6 Aroclor-1254 {3}	13.78	17.93	12298	16409	530.778	572.040
25) L6 Aroclor-1254 (4)	14.13	18.45	17589	10253	579.337	530.740
26) L6 Aroclor-1254 (5)	15.68	19.99	20948	17004	575.270	569.443
Total Aroclor-1254			91513	81370	2808.251	2777.039
Average Aroclor-1254					561.650	555.408
27) L7 Aroclor-1260	13.78	18.13	12298	9316	484.076	387.508
28) L7 Aroclor-1260 {2}	14.57	18.45	11133	10253	385.132	380.544
29) L7 Aroclor-1260 {3}	17.77	21.86	2925	2733	72.450	66.948
Total Aroclor-1260			26356	22302	941.658	835.001
Average Aroclor-1260					313.886	278.334
30) L8 Aroclor-1268	18.89	0.00	2073	0	NoCal	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

AR 1254 =
$$\frac{2777 \times 25 \times 5}{9.0} = 38,500$$

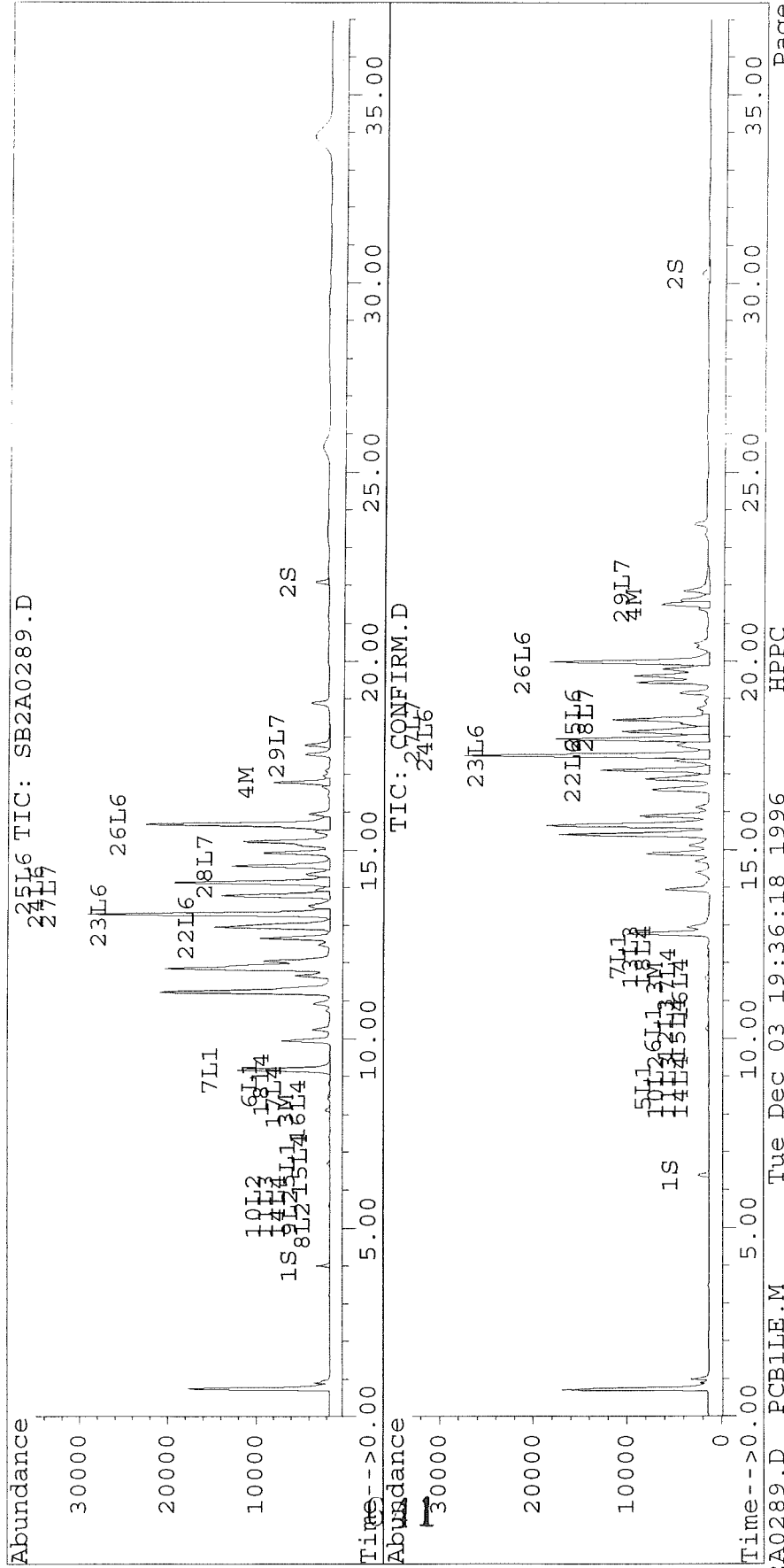
640

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0289.D Vial: 38
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0289.D\CONFIRM.D
 Acq On : 03 Dec 96 06:56 PM Operator: JS
 Sample : 8080,VHB, C995-120, PKK4 Inst : SB2
 Misc : 9.0g, 25mL, 100% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 3 19:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0262.D Vial: 11
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0262.D\CONFIRM.D
 Acq On : 03 Dec 96 00:28 AM Operator: JS
 Sample : 8080,VHB, C995-121, PL12 Inst : SB2
 Misc : 15.0g, 25mL, 91% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 1:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	7635	5660	39.500	36.770
			Recovery	=	98.75%	91.93%
2) S Decachlorobiphenyl	22.09	30.25	6170	2802	38.999	37.848
			Recovery	=	97.50%	94.62%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.12	11.61	1714	1204	22.955	18.208
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	390	258	3.005	2.127 #
5) L1 Aroclor-1016	6.70	8.75	393	64	15.978	6.722 #
6) L1 Aroclor-1016 {2}	8.82	10.27	496	357	41.371	16.832 #
7) L1 Aroclor-1016 {3}	9.20	12.19	1350	211	70.694	17.525 #
Total Aroclor-1016			2240	632	128.044	41.080
Average Aroclor-1016					42.681	13.693
8) L2 Aroclor-1221	0.00	7.97f	0	179	N.D.	29.351 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.59f	8.75f	141	64	6.980	4.148 #
Total Aroclor-1221			141	243	6.980	33.500
Average Aroclor-1221					6.980	16.750
11) L3 Aroclor-1232	5.59f	8.75f	141	64	7.732	4.444 #
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	357	N.D.	29.747 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			141	421	7.732	34.191
Average Aroclor-1232					7.732	17.095
14) L4 Aroclor-1242	5.59	8.75	141	64	8.844	4.931 #
15) L4 Aroclor-1242 {2}	6.70	10.27	393	357	13.267	13.967
16) L4 Aroclor-1242 {3}	8.12	11.33	1714	166	41.213	15.434 #
17) L4 Aroclor-1242 (4)	8.50	11.61	254	1204	14.735	37.081 #
18) L4 Aroclor-1242 (5)	8.82	12.19	496	211	35.349	14.714 #
Total Aroclor-1242			2998	2001	113.409	86.128
Average Aroclor-1242					22.682	17.226
19) L5 Aroclor-1248	0.00	14.91f	0	705	N.D.	35.181 #
20) L5 Aroclor-1248 {2}	0.00	15.12f	642	736	N.D.	35.656 #

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0262.D Vial: 11
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0262.D\CONFIRM.D
 Acq On : 03 Dec 96 00:28 AM Operator: JS
 Sample : 8080,VHB, C995-121, PL12 Inst : SB2
 Misc : 15.0g, 25mL, 91% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 1:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	0.00	16.13f	0	474	N.D.	30.650 #
Total Aroclor-1248			0	1915	N.D.	101.487
Average Aroclor-1248					0.000	33.829
22) L6 Aroclor-1254	12.96	17.12	618	564	26.350	26.868
23) L6 Aroclor-1254 {2}	13.30	17.51	1392	1312	28.360	27.742
24) L6 Aroclor-1254 {3}	13.79	0.00	731	0	31.544	N.D. #
25) L6 Aroclor-1254 (4)	14.14	18.46	926	612	30.508	31.665
26) L6 Aroclor-1254 (5)	15.68	19.99	1067	871	29.294	29.180
Total Aroclor-1254			4734	3360	146.056	115.456
Average Aroclor-1254					29.211	28.864
27) L7 Aroclor-1260	13.79	0.00	731	0	28.768	N.D. #
28) L7 Aroclor-1260 {2}	14.57	18.46	673	612	23.284	22.704
29) L7 Aroclor-1260 {3}	17.78	21.87	293	272	7.247	6.664
Total Aroclor-1260			1697	884	59.299	29.368
Average Aroclor-1260					19.766	14.684
30) L8 Aroclor-1268	18.89	23.33	217	84	NoCal	19.489 #
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	84	N.D.	19.489
Average Aroclor-1268					0.000	19.489

AR1242- Use 2pts

$$\frac{77 \times \frac{5}{2} \times 25}{15 \times 0.91} = 350$$

AR1254

$$\frac{146 \times 25}{15 \times 0.91} = 267$$

643

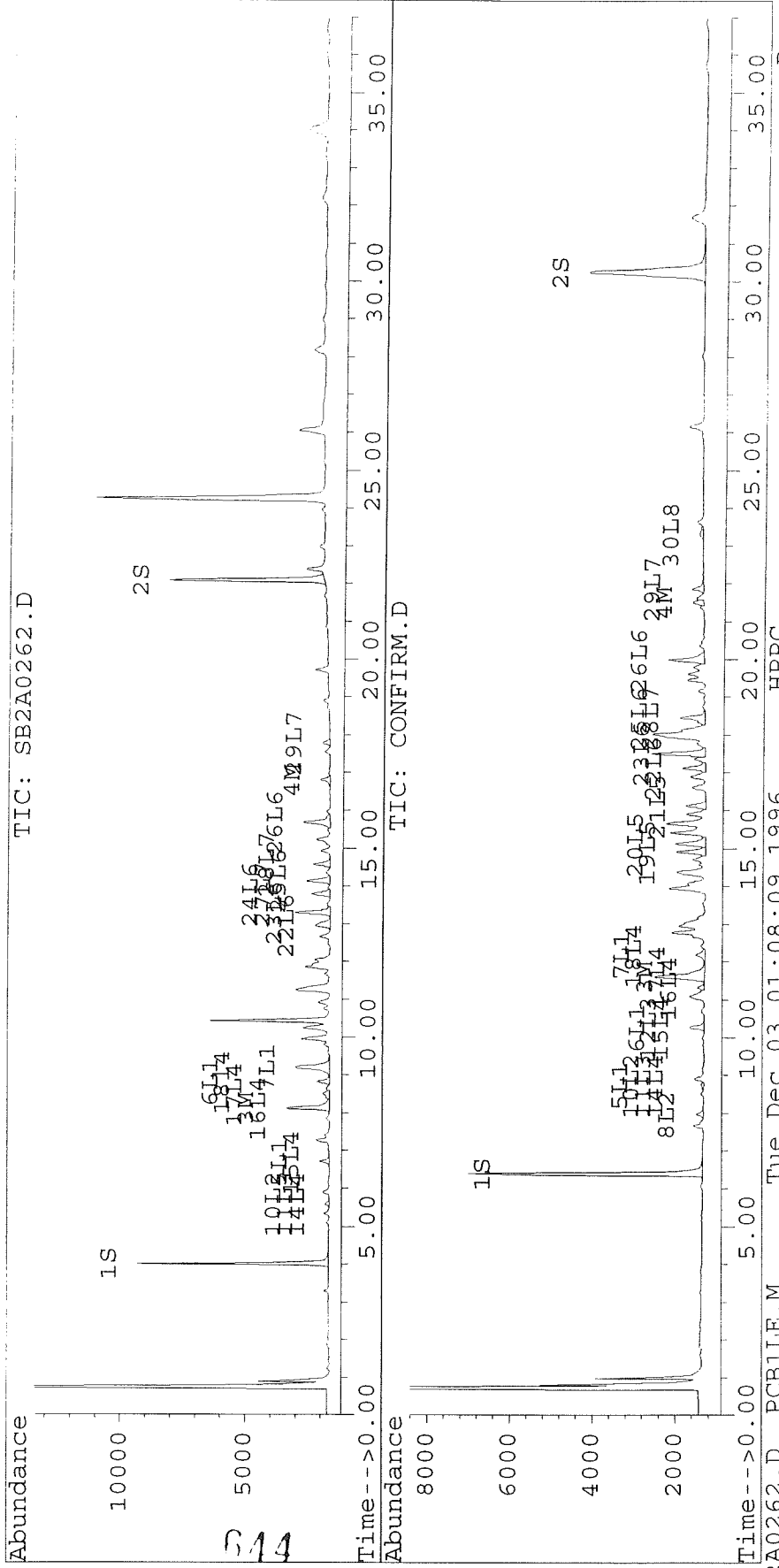
MRL = 180 / 370

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0262.D Vial: 11
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0262.D\CONFIRM.D
 Acq On : 03 Dec 96 00:28 AM Operator: JS
 Sample : 8080,VHB, C995-121, PL12 Inst : SB2
 Misc : 15.0g, 25mL, 91% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 1:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0263.D Vial: 12
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0263.D\CONFIRM.D
 Acq On : 03 Dec 96 01:08 AM Operator: JS
 Sample : 8080,VHB, C995-122, PJ10 Inst : SB2
 Misc : 15.2g, 25mL, 93% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 1:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	7813	5929	40.418	38.519
			Recovery	=	101.05%	96.30%
2) S Decachlorobiphenyl	22.09	30.25	6525	3084	41.242	41.662
			Recovery	=	103.11%	104.16%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	88794	64741	1189.329	979.306
4) M 2,2',3,3',4,4'-Hexa	16.79	21.51	32508	25222	250.140	207.552
5) L1 Aroclor-1016	6.69	8.74	26134	4192	1062.807	442.503 #
6) L1 Aroclor-1016 {2}	8.82	10.26	28267	22609	2356.572	1064.853
7) L1 Aroclor-1016 {3}	9.19	12.19	67635	12566	3540.875	1044.417
Total Aroclor-1016			122036	39366	6960.254	2551.773
Average Aroclor-1016					2320.085	850.591
8) L2 Aroclor-1221	5.08f	7.97f	705	1051	100.549	171.869 #
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			705	1051	100.549	171.869
Average Aroclor-1221					100.549	171.869
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	5.58	8.74	9643	4192	604.676	324.567 #
15) L4 Aroclor-1242 {2}	6.69	10.26	26134	22609	882.486	883.607
16) L4 Aroclor-1242 {3}	8.11	11.32	88794	11243	2135.299	1047.316
17) L4 Aroclor-1242 (4)	8.49	11.60	15544	64741	901.081	1994.348 #
18) L4 Aroclor-1242 (5)	8.82	12.19	28267	12566	2013.540	876.865 #
Total Aroclor-1242			168382	115351	6537.081	5126.703
Average Aroclor-1242					1307.416	1025.341
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0263.D Vial: 12
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0263.D\CONFIRM.D
 Acq On : 03 Dec 96 01:08 AM Operator: JS
 Sample : 8080,VHB, C995-122, PJ10 Inst : SB2
 Misc : 15.2g, 25mL, 93% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 1:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	58262	52502	2485.799	2500.065
23) L6 Aroclor-1254 {2}	13.29	17.50	113709	104412	2316.344	2207.355
24) L6 Aroclor-1254 {3}	13.78	17.93	51279	73950	2213.249	2578.001
25) L6 Aroclor-1254 (4)	14.13	18.45	80612	44121	2655.087	2283.883
26) L6 Aroclor-1254 (5)	15.67	19.99	90332	73969	2480.681	2477.137
Total Aroclor-1254			394194	348954	12151.160	12046.441
Average Aroclor-1254					2430.232	2409.288
27) L7 Aroclor-1260	13.78	18.13	51279	36635	2018.511	1523.821
28) L7 Aroclor-1260 {2}	14.57	18.45	48020	44121	1661.142	1637.560
29) L7 Aroclor-1260 {3}	17.77	21.86	20138	18290	498.774	448.083
Total Aroclor-1260			119437	99046	4178.426	3609.464
Average Aroclor-1260					1392.809	1203.155
30) L8 Aroclor-1268	18.89	23.33	14633	3622	NoCal	843.294 #
31) L8 Aroclor-1268 {2}	0.00	23.47f	0	2109	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	3622	N.D.	843.294
Average Aroclor-1268					0.000	843.294

MRL = 184/350

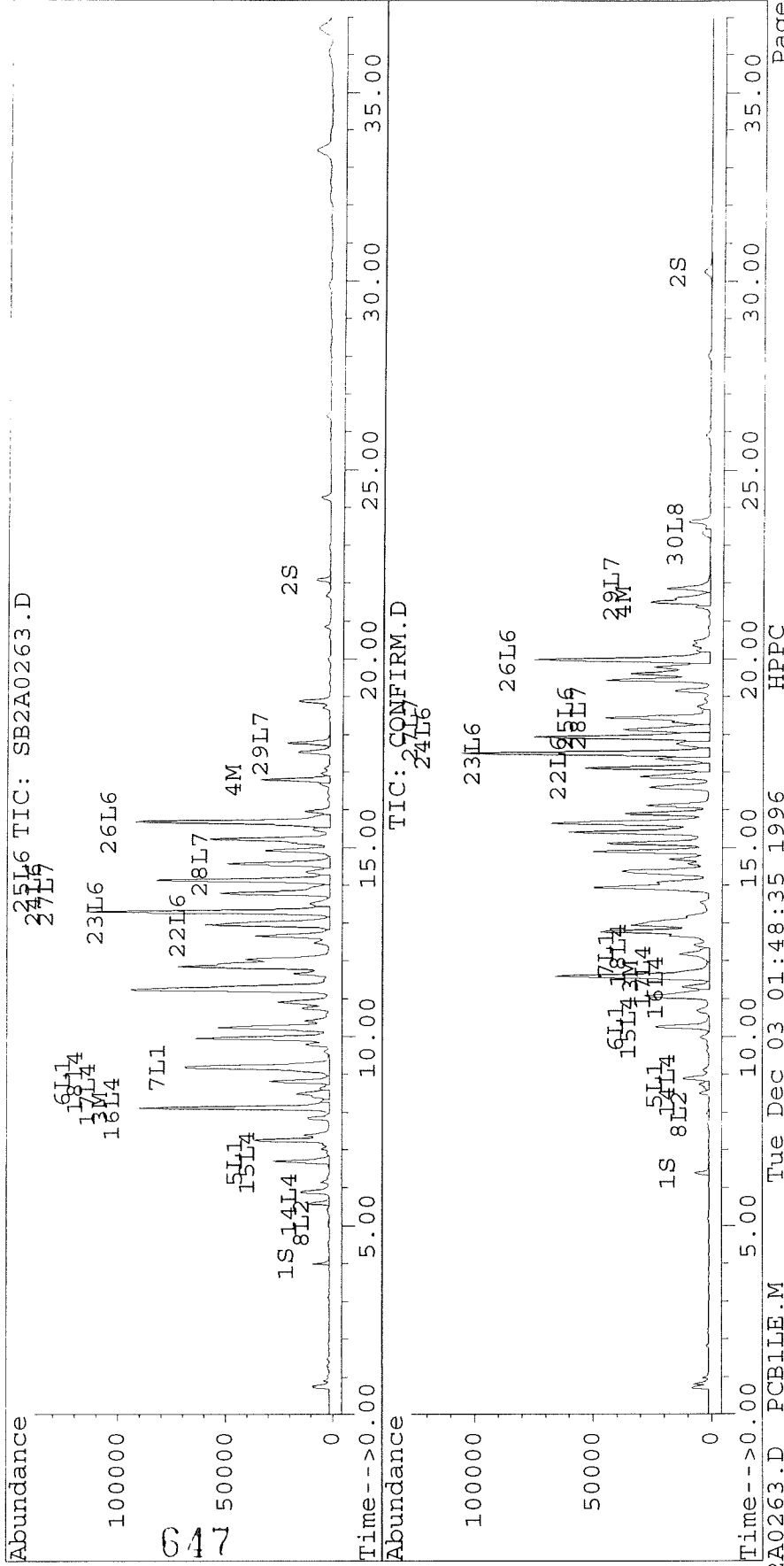
646

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0263.D Vial: 12
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0263.D\CONFIRM.D
 Acq On : 03 Dec 96 01:08 AM Operator: JS
 Sample : 8080,VHB, C995-122, PJ10 Inst : SB2
 Misc : 15.2g, 25mL, 93% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 1:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0290.D Vial: 39
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0290.D\CONFIRM.D
 Acq On : 03 Dec 96 07:37 PM Operator: JS
 Sample : 8080,VHB, C995-122, PJ10 Inst : SB2
 Misc : 15.2g, 25mL, 93% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 3 20:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	1531	1204	7.922	7.822
			Recovery	=	19.81%	19.56%
2) S Decachlorobiphenyl	22.09	30.26	1459	845	9.221	11.414
			Recovery	=	23.05%	28.54%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	22264	15570	298.210	235.514
4) M 2,2',3,3',4,4'-Hexa	16.79	21.51	7045	5292	54.209	43.551
5) L1 Aroclor-1016	6.70	8.75	6973	1024	283.568	108.088 #
6) L1 Aroclor-1016 {2}	8.82	10.27	6454	5975	538.042	281.407 #
7) L1 Aroclor-1016 {3}	9.19	12.19	18915	2989	990.243	248.440 #
Total Aroclor-1016			32342	9988	1811.853	637.935
Average Aroclor-1016					603.951	212.645
8) L2 Aroclor-1221	5.08f	7.97f	158	241	22.521	39.370 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	1024	N.D.	66.697 #
Total Aroclor-1221			158	1265	22.521	106.066
Average Aroclor-1221					22.521	53.033
11) L3 Aroclor-1232	0.00	8.75f	0	1024	N.D.	71.452 #
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	1024	N.D.	71.452
Average Aroclor-1232					0.000	71.452
14) L4 Aroclor-1242	5.59	8.75	2181	1024	136.774	79.280 #
15) L4 Aroclor-1242 {2}	6.70	10.27	6973	5975	235.457	233.510
16) L4 Aroclor-1242 {3}	8.11	11.32	22264	2648	535.400	246.679 #
17) L4 Aroclor-1242 (4)	8.49	11.61	3764	15570	218.218	479.622 #
18) L4 Aroclor-1242 (5)	8.82	12.19	6454	2989	459.722	208.583 #
Total Aroclor-1242			41636	28206	1585.571	1247.674
Average Aroclor-1242					317.114	249.535
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0290.D Vial: 39
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0290.D\CONFIRM.D
 Acq On : 03 Dec 96 07:37 PM Operator: JS
 Sample : 8080,VHB, C995-122, PJ10 Inst : SB2
 Misc : 15.2g, 25mL, 93% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 3 20:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	13861	12265	591.374	584.054
23) L6 Aroclor-1254 {2}	13.29	17.50	28968	26475	590.103	559.701
24) L6 Aroclor-1254 {3}	13.78	17.93	13120	18276	566.271	637.126
25) L6 Aroclor-1254 (4)	14.13	18.45	19848	11016	653.733	570.219
26) L6 Aroclor-1254 (5)	15.67	19.98	21820	17741	599.229	594.121
Total Aroclor-1254			97617	85773	3000.710	2945.221
Average Aroclor-1254					600.142	589.044
27) L7 Aroclor-1260	13.78	18.13	13120	9337	516.447	388.387
28) L7 Aroclor-1260 {2}	14.57	18.45	12282	11016	424.883	408.851
29) L7 Aroclor-1260 {3}	17.77	21.86	4364	4083	108.083	100.040
Total Aroclor-1260			29766	24437	1049.412	897.278
Average Aroclor-1260					349.804	299.093
30) L8 Aroclor-1268	18.88	23.34f	3085	943	NoCal	219.445 #
31) L8 Aroclor-1268 {2}	0.00	23.47f	0	586	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	943	N.D.	219.445
Average Aroclor-1268					0.000	219.445

AR1242 - Use 2 pts
 $\frac{995 \times \frac{5}{2} \times 25 \times 5}{15.2 \times 0.93} = 19885$
 AR1254
 $\frac{2445 \times 25 \times 5}{15.2 \times 0.93} = 26040$

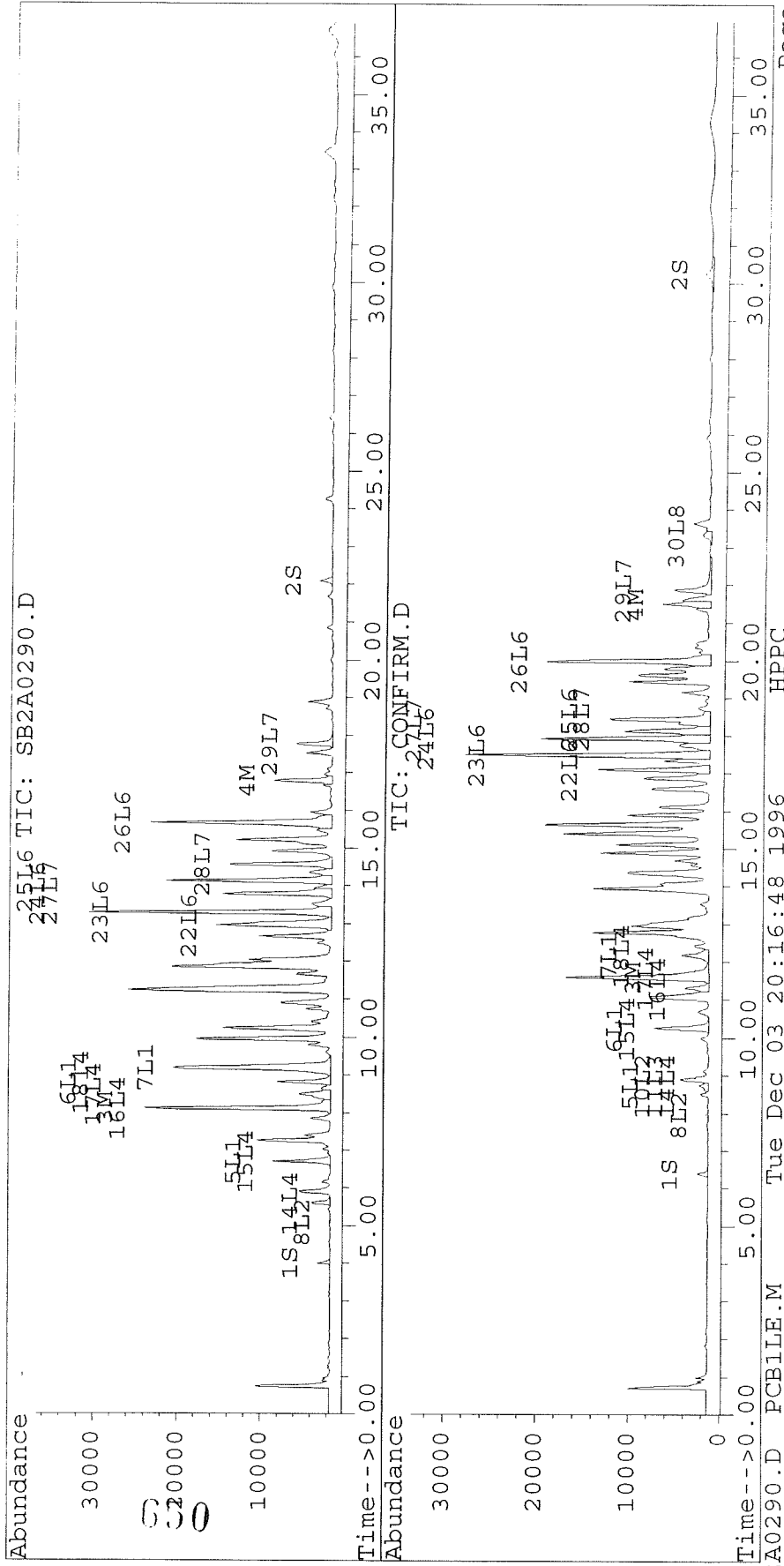
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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0290.D Vial: 39
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0290.D\CONFIRM.D
 Acq On : 03 Dec 96 07:37 PM
 Sample : 8080,VHB, C995-122, PJ10 Operator: JS
 Misc : 15.29, 25mL, 93% Solid, 5X dilution Inst : SB2
 Quant Time: Dec 3 20:15 1996 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0264.D Vial: 13
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0264.D\CONFIRM.D
 Acq On : 03 Dec 96 01:49 AM Operator: JS
 Sample : 8080,VHB, C995-122MS, PJ10 Inst : SB2
 Misc : 15.3g, 25mL, 93% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 2:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	6357	4661	32.888	30.280
			Recovery	=	82.22%	75.70%
2) S Decachlorobiphenyl	22.09	30.25	5467	2453	34.552	33.130
			Recovery	=	86.38%	82.83%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	99713	81799	1335.587	1237.326
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	120094	107403	924.097	883.827
5) L1 Aroclor-1016	6.69	8.74	13800	2388	561.228	252.118
6) L1 Aroclor-1016 {2}	8.82	10.26	11410	11901	951.204	560.549
7) L1 Aroclor-1016 {3}	9.18	12.18	41277	5684	2160.960	472.467
Total Aroclor-1016			66487	19974	3673.392	1285.134
Average Aroclor-1016					1224.464	428.378
8) L2 Aroclor-1221	5.08f	0.00	431	0	61.455	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.74f	0	2388	N.D.	155.572 #
Total Aroclor-1221			431	2388	61.455	155.572
Average Aroclor-1221					61.455	155.572
11) L3 Aroclor-1232	0.00	8.74f	0	2388	N.D.	166.665 #
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	2388	N.D.	166.665
Average Aroclor-1232					0.000	166.665
14) L4 Aroclor-1242	5.58	8.74	5837	2388	366.028	184.924 #
15) L4 Aroclor-1242 {2}	6.69	10.26	13800	11901	466.007	465.139
16) L4 Aroclor-1242 {3}	8.11	11.32	99713	5025	2397.889	468.105 #
17) L4 Aroclor-1242 (4)	8.49	11.61	7105	81799	411.905	2519.805 #
18) L4 Aroclor-1242 (5)	8.82	12.18	11410	5684	812.743	396.671 #
Total Aroclor-1242			137866	106798	4454.572	4034.643
Average Aroclor-1242					890.914	806.929
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0264.D Vial: 13
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0264.D\CONFIRM.D
 Acq On : 03 Dec 96 01:49 AM Operator: JS
 Sample : 8080,VHB, C995-122MS, PJ10 Inst : SB2
 Misc : 15.3g, 25mL, 93% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 2:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	34770	31249	1483.476	1488.055
23) L6 Aroclor-1254 {2}	13.29	17.50	70135	63441	1428.703	1341.205
24) L6 Aroclor-1254 {3}	13.78	17.93	32370	43889	1397.134	1530.032
25) L6 Aroclor-1254 (4)	14.12	18.45	47792	28251	1574.122	1462.364
26) L6 Aroclor-1254 (5)	15.67	19.99	56871	47291	1561.791	1583.718
Total Aroclor-1254			241939	214121	7445.225	7405.374
Average Aroclor-1254					1489.045	1481.075
27) L7 Aroclor-1260	13.78	18.13	32370	23220	1274.204	965.811
28) L7 Aroclor-1260 {2}	14.55	18.45	37362	28251	1292.466	1048.525
29) L7 Aroclor-1260 {3}	17.77	21.86	13542	12739	335.387	312.086
Total Aroclor-1260			83274	64209	2902.057	2326.422
Average Aroclor-1260					967.352	775.474
30) L8 Aroclor-1268	18.89	23.32	10627	2677	NoCal	623.243 #
31) L8 Aroclor-1268 {2}	0.00	23.47f	0	1718	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	2677	N.D.	623.243
Average Aroclor-1268					0.000	623.243

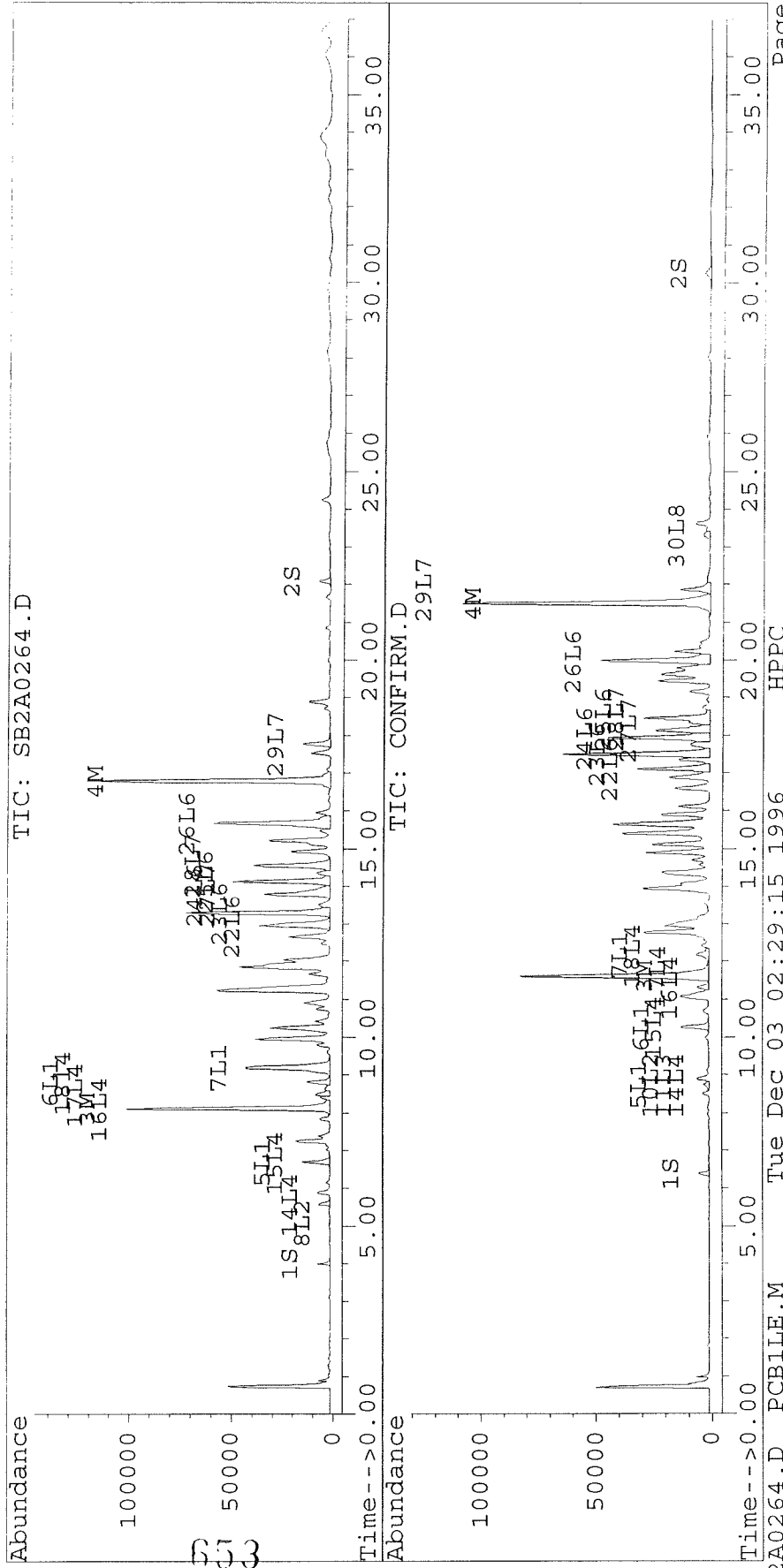
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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0264.D Vial: 13
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0264.D\CONFIRM.D
 Acq On : 03 Dec 96 01:49 AM Operator: JS
 Sample : 8080,VHB, C995-122MS, PJ10 Inst : SB2
 Misc : 15.3g, 25mL, 93% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 2:28 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0291.D Vial: 40
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0291.D\CONFIRM.D
 Acq On : 03 Dec 96 08:17 PM Operator: JS
 Sample : 8080,VHB, C995-122MS, PJ10 Inst : SB2
 Misc : 15.3g, 25mL, 93% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 3 20:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	1024	782	5.297	5.081
			Recovery	=	13.24%	12.70%
2) S Decachlorobiphenyl	22.09	30.25	1060	551	6.699	7.444
			Recovery	=	16.75%	18.61%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.62	20963	16896	280.786	255.584
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	25305	22225	194.714	182.894
5) L1 Aroclor-1016	6.70	8.75	3054	481	124.194	50.727 #
6) L1 Aroclor-1016 {2}	8.82	10.27	2202	2681	183.595	126.287 #
7) L1 Aroclor-1016 {3}	9.18	12.19	9799	1187	512.999	98.656 #
Total Aroclor-1016			15055	4349	820.788	275.670
Average Aroclor-1016					273.596	91.890
8) L2 Aroclor-1221	5.09f	7.97f	82	143	11.647	23.320 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	481	N.D.	31.302 #
Total Aroclor-1221			82	623	11.647	54.621
Average Aroclor-1221					11.647	27.311
11) L3 Aroclor-1232	0.00	8.75f	0	481	N.D.	33.533 #
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	481	N.D.	33.533
Average Aroclor-1232					0.000	33.533
14) L4 Aroclor-1242	5.58	8.75	1074	481	67.365	37.207 #
15) L4 Aroclor-1242 {2}	6.70	10.27	3054	2681	103.123	104.792
16) L4 Aroclor-1242 {3}	8.11	11.32	20963	1038	504.118	96.674 #
17) L4 Aroclor-1242 (4)	8.49	11.62	1475	16896	85.509	520.495 #
18) L4 Aroclor-1242 (5)	8.82	12.19	2202	1187	156.870	82.829 #
Total Aroclor-1242			28769	22283	916.985	841.997
Average Aroclor-1242					183.397	168.399
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0291.D Vial: 40
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0291.D\CONFIRM.D
 Acq On : 03 Dec 96 08:17 PM Operator: JS
 Sample : 8080,VHB, C995-122MS, PJ10 Inst : SB2
 Misc : 15.3g, 25mL, 93% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 3 20:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	6755	5943	288.208	282.976
23) L6 Aroclor-1254 {2}	13.29	17.50	14789	13527	301.267	285.965
24) L6 Aroclor-1254 {3}	13.78	17.94	6929	8846	299.065	308.387
25) L6 Aroclor-1254 (4)	14.13	18.45	9632	5973	317.253	309.168
26) L6 Aroclor-1254 (5)	15.68	19.98	11340	9206	311.404	308.283
Total Aroclor-1254			49445	43493	1517.198	1494.779
Average Aroclor-1254					303.440	298.956
27) L7 Aroclor-1260	13.78	18.13	6929	5043	272.751	209.771
28) L7 Aroclor-1260 {2}	14.56	18.45	7528	5973	260.410	221.676
29) L7 Aroclor-1260 {3}	17.77	21.86	2490	2421	61.667	59.310
Total Aroclor-1260			16947	13437	594.829	490.757
Average Aroclor-1260					198.276	163.586
30) L8 Aroclor-1268	18.89	23.34f	1933	837	NoCal	194.971 #
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	837	N.D.	194.971
Average Aroclor-1268					0.000	194.971

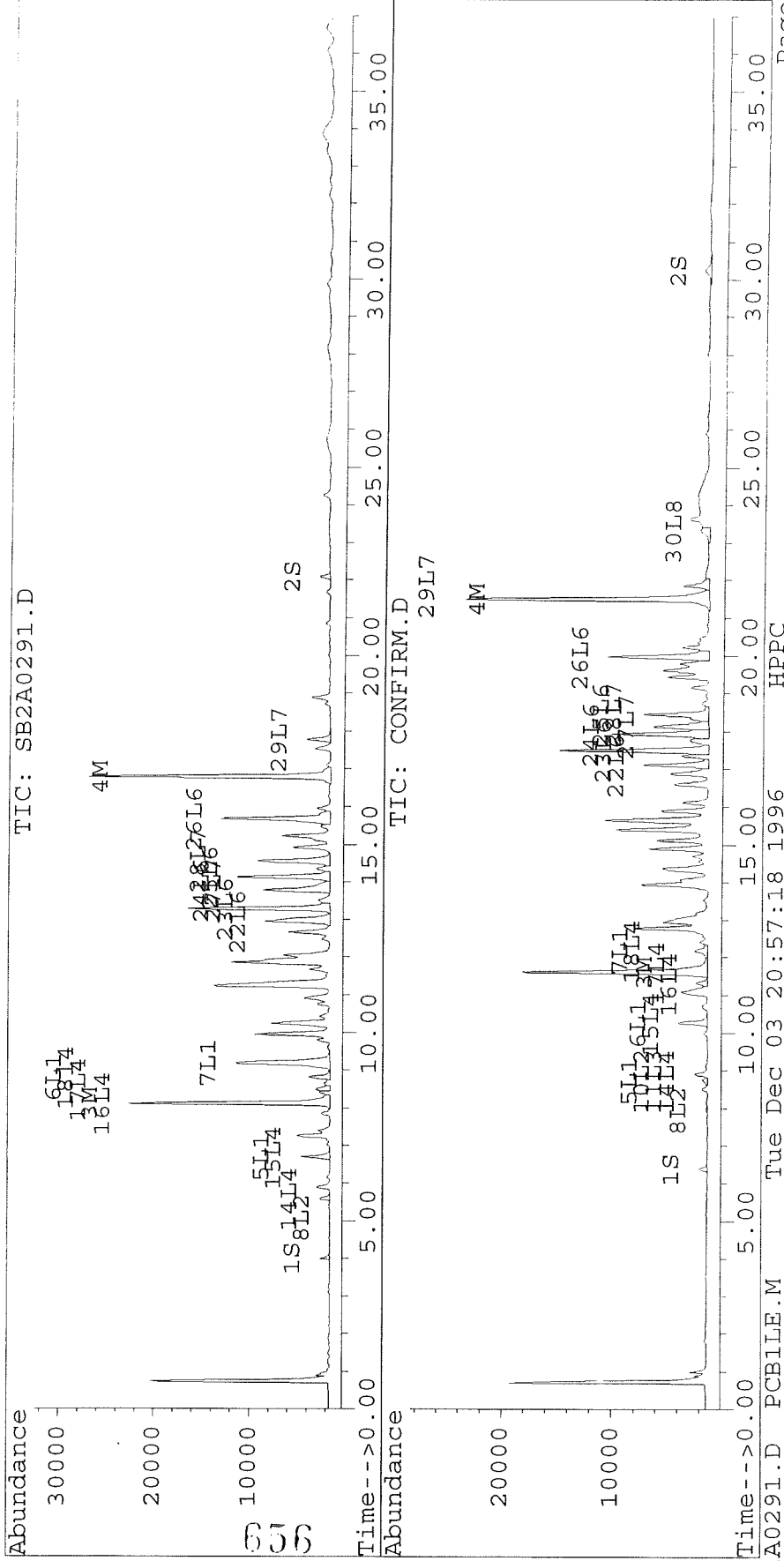
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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0291.D Vial: 40
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0291.D\CONFIRM.D
 Acq On : 03 Dec 96 08:17 PM Operator: JS
 Sample : 8080,VHB, C995-122MS, PJ10 Inst : SB2
 Misc : 15.3g, 25mL, 93% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 3 20:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0265.D Vial: 14
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0265.D\CONFIRM.D
 Acq On : 03 Dec 96 02:30 AM Operator: JS
 Sample : 8080,VHB, C995-122MSD, PJ10 Inst : SB2
 Misc : 15.2g, 25mL, 93% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 3:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	7910	6042	40.922	39.252
			Recovery	=	102.31%	98.13%
2) S Decachlorobiphenyl	22.09	30.25	6951	3277	43.933	44.266
			Recovery	=	109.83%	110.67%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	135128	110076	1809.948	1665.067
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	161601	143741	1243.481	1182.851 ¹
5) L1 Aroclor-1016	6.69	8.74	20879	3270	849.082	345.155 #
6) L1 Aroclor-1016 {2}	8.82	10.26	16967	18133	1414.519	854.063 #
7) L1 Aroclor-1016 {3}	9.19	12.18	60160	8217	3149.535	682.945 #
Total Aroclor-1016			98006	29620	5413.136	1882.163
Average Aroclor-1016					1804.379	627.388
8) L2 Aroclor-1221	5.08f	0.00	575	0	82.115	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			575	0	82.115	N.D.
Average Aroclor-1221					82.115	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	5.58	8.74	8409	3270	527.283	253.164 #
15) L4 Aroclor-1242 {2}	6.69	10.26	20879	18133	705.022	708.695
16) L4 Aroclor-1242 {3}	8.11	11.32	135128	7745	3249.547	721.419 #
17) L4 Aroclor-1242 (4)	8.49	11.61	10375	110076	601.428	3390.895 #
18) L4 Aroclor-1242 (5)	8.82	12.18	16967	8217	1208.616	573.382 #
Total Aroclor-1242			191758	147440	6291.896	5647.555
Average Aroclor-1242					1258.379	1129.511
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0265.D Vial: 14
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0265.D\CONFIRM.D
 Acq On : 03 Dec 96 02:30 AM Operator: JS
 Sample : 8080,VHB, C995-122MSD, PJ10 Inst : SB2
 Misc : 15.2g, 25mL, 93% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 3:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	53230	47554	2271.078	2264.445
23) L6 Aroclor-1254 {2}	13.29	17.50	105421	96547	2147.518	2041.078
24) L6 Aroclor-1254 {3}	13.78	17.93	48497	66012	2093.165	2301.277
25) L6 Aroclor-1254 (4)	14.12	18.45	72724	41927	2395.298	2170.314
26) L6 Aroclor-1254 (5)	15.67	19.98	86803	71369	2383.766	2390.073
Total Aroclor-1254			366675	323409	11290.825	11167.186
Average Aroclor-1254					2258.165	2233.437
27) L7 Aroclor-1260	13.78	18.13	48497	34877	1908.993	1450.679
28) L7 Aroclor-1260 {2}	14.56	18.45	46582	41927	1611.396	1556.130
29) L7 Aroclor-1260 {3}	17.77	21.86	21867	19978	541.585	489.448
Total Aroclor-1260			116945	96782	4061.975	3496.258
Average Aroclor-1260					1353.992	1165.419
30) L8 Aroclor-1268	18.88	23.32	16859	3864	NoCal	899.705 #
31) L8 Aroclor-1268 {2}	0.00	23.47f	0	2416	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	3864	N.D.	899.705
Average Aroclor-1268					0.000	899.705

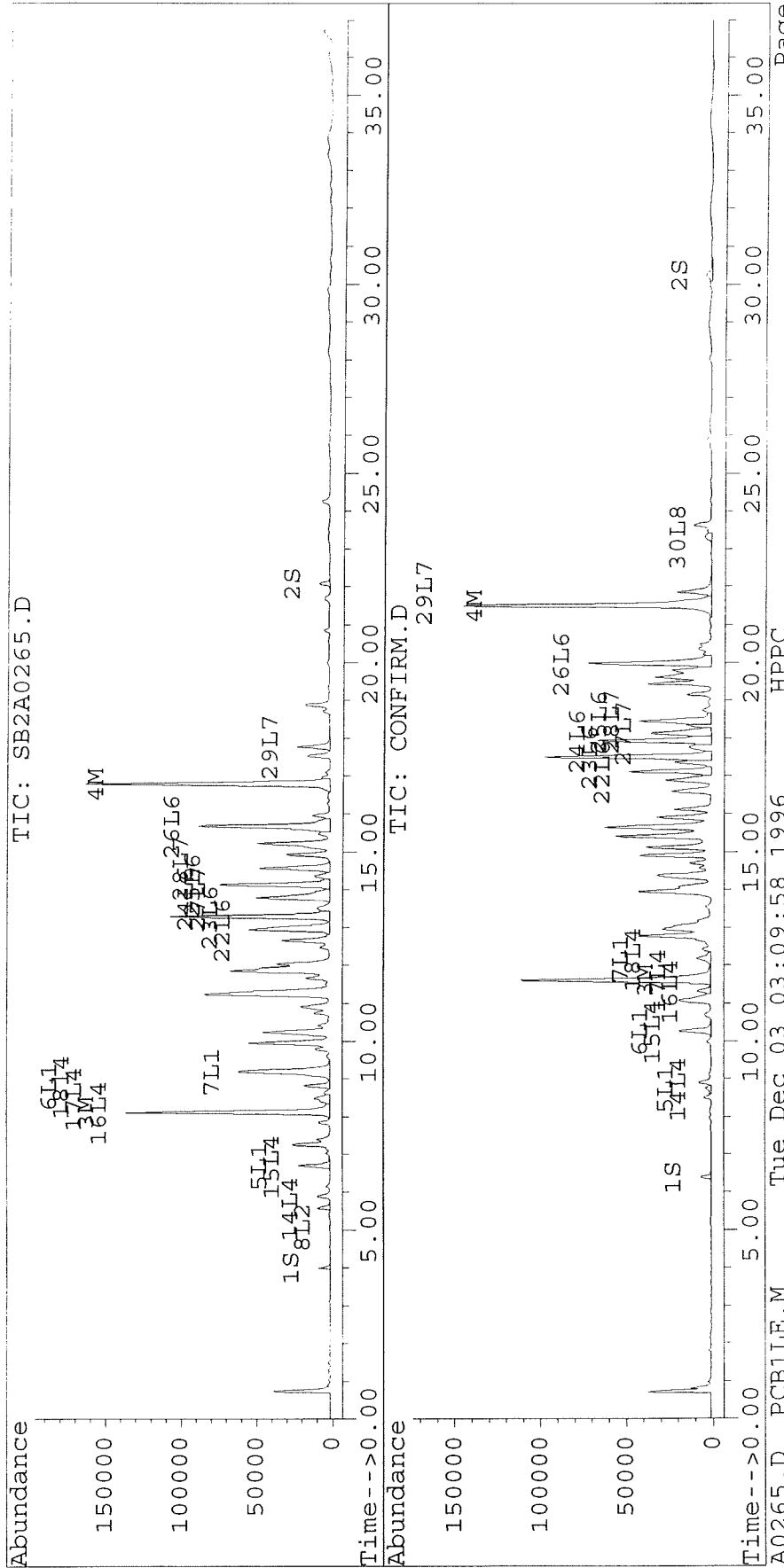
658

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0265.D Vial: 14
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0265.D\CONFIRM.D
 Acq On : 03 Dec 96 02:30 AM Operator: JS
 Sample : 8080,VHB, C995-122MSD, PJ10 Inst : SB2
 Misc : 15.2g, 25mL, 93% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 3:09 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0292.D Vial: 41
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0292.D\CONFIRM.D
 Acq On : 03 Dec 96 08:58 PM Operator: JS
 Sample : 8080,VHB, C995-122MSD, PJ10 Inst : SB2
 Misc : 15.2g, 25mL, 93% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 3 21:37 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	1593	1208	8.239	7.847
			Recovery	=	20.60%	19.62%
2) S Decachlorobiphenyl	22.09	30.26	1618	800	10.225	10.802
			Recovery	=	25.56%	27.01%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	34390	27438	460.623	415.044
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	40284	35634	309.979	293.230
5) L1 Aroclor-1016	6.70	8.75	5569	788	226.482	83.186 #
6) L1 Aroclor-1016 {2}	8.82	10.27	3905	4809	325.578	226.517 #
7) L1 Aroclor-1016 {3}	9.18	12.19	16639	1994	871.074	165.720 #
Total Aroclor-1016			26113	7591	1423.134	475.423
Average Aroclor-1016					474.378	158.474
8) L2 Aroclor-1221	5.08f	7.97f	136	214	19.359	35.021 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	788	N.D.	51.331 #
Total Aroclor-1221			136	1002	19.359	86.352
Average Aroclor-1221					19.359	43.176
11) L3 Aroclor-1232	0.00	8.75f	0	788	N.D.	54.991 #
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	788	N.D.	54.991
Average Aroclor-1232					0.000	54.991
14) L4 Aroclor-1242	5.58	8.75	1830	788	114.778	61.015 #
15) L4 Aroclor-1242 {2}	6.70	10.27	5569	4809	188.056	187.962
16) L4 Aroclor-1242 {3}	8.11	11.32	34390	1859	826.994	173.193 #
17) L4 Aroclor-1242 (4)	8.49	11.61	2535	27438	146.985	845.234 #
18) L4 Aroclor-1242 (5)	8.82	12.19	3905	1994	278.186	139.134 #
Total Aroclor-1242			48230	36889	1554.997	1406.539
Average Aroclor-1242					310.999	281.308
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0292.D Vial: 41
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0292.D\CONFIRM.D
 Acq On : 03 Dec 96 08:58 PM Operator: JS
 Sample : 8080,VHB, C995-122MSD, PJ10 Inst : SB2
 Misc : 15.2g, 25mL, 93% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 3 21:37 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	12336	10909	526.307	519.463
23) L6 Aroclor-1254 {2}	13.29	17.50	26548	24553	540.798	519.065
24) L6 Aroclor-1254 {3}	13.78	17.93	12318	16124	531.641	562.114
25) L6 Aroclor-1254 (4)	14.13	18.45	17514	10555	576.860	546.390
26) L6 Aroclor-1254 (5)	15.67	19.99	20884	17048	573.525	570.915
Total Aroclor-1254			89600	79189	2749.130	2717.947
Average Aroclor-1254					549.826	543.589
27) L7 Aroclor-1260	13.78	18.13	12318	8862	484.863	368.608
28) L7 Aroclor-1260 {2}	14.57	18.45	11725	10555	405.605	391.765
29) L7 Aroclor-1260 {3}	17.77	21.86	4591	4390	113.703	107.543
Total Aroclor-1260			28634	23807	1004.171	867.917
Average Aroclor-1260					334.724	289.306
30) L8 Aroclor-1268	18.89	23.32	3453	983	NoCal	228.869 #
31) L8 Aroclor-1268 {2}	0.00	23.48f	0	629	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	983	N.D.	228.869
Average Aroclor-1268					0.000	228.869

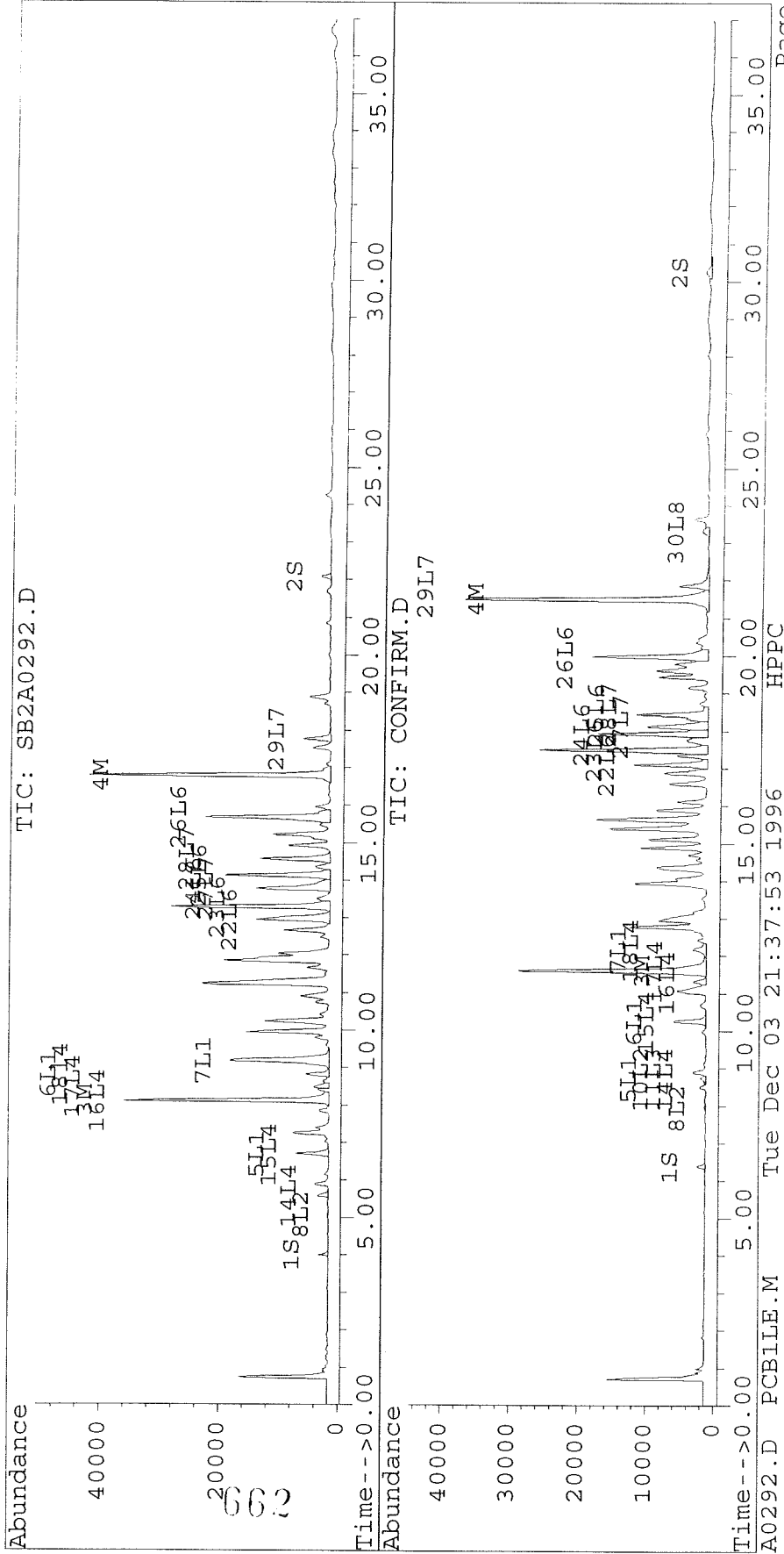
661

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0292.D Vial: 41
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0292.D\CONFIRM.D
 Acq On : 03 Dec 96 08:58 PM Operator: JS
 Sample : 8080,VHB, C995-122MSD, PJ10 Inst : SB2
 Misc : 15.2g, 25mL, 93% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 3 21:37 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0266.D Vial: 15
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0266.D\CONFIRM.D
 Acq On : 03 Dec 96 03:11 AM Operator: JS
 Sample : 8080,VHB, C995-123, PGG5 Inst : SB2
 Misc : 14.1g, 25mL, 99% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 3:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	8384	6294	43.374	40.889
			Recovery	=	108.44%	102.22%
2) S Decachlorobiphenyl	22.09	30.25	6406	3225	40.486	43.562
			Recovery	=	101.22%	108.91%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.10	11.60	139656	104530	1870.598	1581.176
4) M 2,2',3,3',4,4'-Hexa	16.80	21.50	1069	1692	8.229	13.920 #
5) L1 Aroclor-1016	6.69	8.74	78085	37024	3175.504	3908.331
6) L1 Aroclor-1016 {2}	8.81	10.26	52689	66656	4392.519	3139.433
7) L1 Aroclor-1016 {3}	9.21	12.19	61738	47512	3232.154	3949.105
Total Aroclor-1016			192511	151192	10800.177	10996.869
Average Aroclor-1016					3600.059	3665.623
8) L2 Aroclor-1221	5.00f	7.97f	8229	6867	1174.458	1122.933
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			8229	6867	1174.458	1122.933
Average Aroclor-1221					1174.458	1122.933
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	5.58	8.74	45488	37024	2852.365	2866.682
15) L4 Aroclor-1242 {2}	6.69	10.26	78085	66656	2636.732	2605.078
16) L4 Aroclor-1242 {3}	8.10	11.32	139656	34451	3358.436	3209.142
17) L4 Aroclor-1242 (4)	8.49	11.60	56771	104530	3291.125	3220.053
18) L4 Aroclor-1242 (5)	8.81	12.19	52689	47512	3753.125	3315.564
Total Aroclor-1242			372689	290174	15891.784	15216.520
Average Aroclor-1242					3178.357	3043.304
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0266.D Vial: 15
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0266.D\CONFIRM.D
 Acq On : 03 Dec 96 03:11 AM Operator: JS
 Sample : 8080,VHB, C995-123, PGG5 Inst : SB2
 Misc : 14.1g, 25mL, 99% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 3:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.29f	0.00	66732	0	2192.316	N.D. #
Total Aroclor-1248			66732	0	2192.316	N.D.
Average Aroclor-1248					2192.316	0.000
22) L6 Aroclor-1254	12.95	17.11	10610	9016	452.683	429.346
23) L6 Aroclor-1254 {2}	13.29	17.50	16987	16089	346.046	340.129
24) L6 Aroclor-1254 {3}	13.77	17.93	8628	9966	372.385	347.430
25) L6 Aroclor-1254 (4)	14.13	0.00	10710	0	352.755	N.D. #
26) L6 Aroclor-1254 (5)	15.68	19.99	2255	1747	61.938	58.504
Total Aroclor-1254			49191	36818	1585.807	1175.409
Average Aroclor-1254					317.161	293.852
27) L7 Aroclor-1260	13.77	18.13	8628	1410	339.620	58.644 #
28) L7 Aroclor-1260 {2}	14.57	0.00	1391	0	48.125	N.D. #
29) L7 Aroclor-1260 {3}	17.78	21.86	708	980	17.531	24.016 #
Total Aroclor-1260			10727	2390	405.275	82.660
Average Aroclor-1260					135.092	41.330
30) L8 Aroclor-1268	18.89	0.00	885	0	NoCal	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

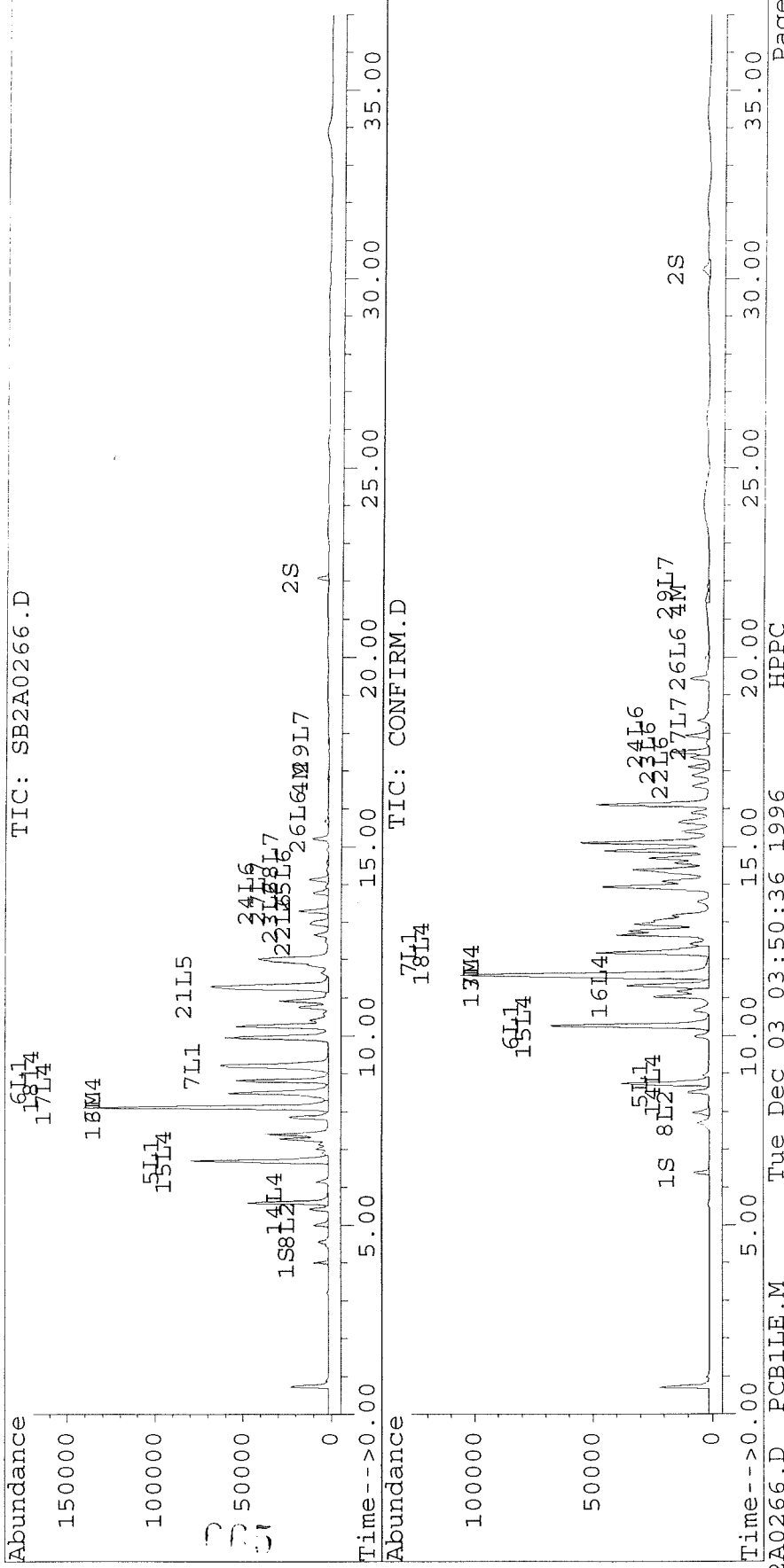
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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0266.D Vial: 15
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0266.D\CONFIRM.D
 Acq On : 03 Dec 96 03:11 AM Operator: JS
 Sample : 8080,VHB, C995-123, PGG5 Inst : SB2
 Misc : 14.1g, 25mL, 99% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 3:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\02Dec96\SB2A0296.D Vial: 45
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0296.D\CONFIRM.D
 Acq On : 03 Dec 96 11:40 PM Operator: JS
 Sample : 8080,VHB, C995-123, PGG5 Inst : SB2
 Misc : 14.1g, 25mL, 99% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 4 0:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	1565	1184	8.096	7.689
			Recovery	=	20.24%	19.22%
2) S Decachlorobiphenyl	22.09	30.26	1494	703	9.444	9.495
			Recovery	=	23.61%	23.74%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	36345	26109	486.820	394.932
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	275	211	2.115	1.736
5) L1 Aroclor-1016	6.69	8.74	21883	9482	889.942	1000.926
6) L1 Aroclor-1016 {2}	8.82	10.26	12209	18575	1017.798	874.880
7) L1 Aroclor-1016 {3}	9.21	12.19	16695	11774	874.009	978.594
Total Aroclor-1016			50787	39831	2781.748	2854.400
Average Aroclor-1016					927.249	951.467
8) L2 Aroclor-1221	5.00f	7.97f	1833	1515	261.660	247.704
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			1833	1515	261.660	247.704
Average Aroclor-1221					261.660	247.704
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	5.59	8.74	11901	9482	746.264	734.159
15) L4 Aroclor-1242 {2}	6.69	10.26	21883	18575	738.950	725.969
16) L4 Aroclor-1242 {3}	8.11	11.32	36345	8616	874.027	802.546
17) L4 Aroclor-1242 (4)	8.49	11.60	14293	26109	828.586	804.276
18) L4 Aroclor-1242 (5)	8.82	12.19	12209	11774	869.643	821.601
Total Aroclor-1242			96631	74555	4057.469	3888.552
Average Aroclor-1242					811.494	777.710
19) L5 Aroclor-1248	0.00	0.00	666	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0296.D Vial: 45
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0296.D\CONFIRM.D
 Acq On : 03 Dec 96 11:40 PM Operator: JS
 Sample : 8080,VHB, C995-123, PGG5 Inst : SB2
 Misc : 14.1g, 25mL, 99% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 4 0:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.28f	0.00	15898	0	522.303	N.D. #
Total Aroclor-1248			15898	0	522.303	N.D.
Average Aroclor-1248					522.303	0.000
22) L6 Aroclor-1254	12.96	17.12	2275	1937	97.074	92.246
23) L6 Aroclor-1254 {2}	13.29	17.50	3663	3534	74.622	74.701
24) L6 Aroclor-1254 {3}	13.78	17.94	1861	2211	80.334	77.089
25) L6 Aroclor-1254 (4)	14.13	0.00	2324	0	76.534	N.D. #
26) L6 Aroclor-1254 (5)	15.68	19.99	499	421	13.715	14.110
Total Aroclor-1254			10623	8103	342.279	258.146
Average Aroclor-1254					68.456	64.536
27) L7 Aroclor-1260	13.78	18.13	1861	364	73.265	15.155 #
28) L7 Aroclor-1260 {2}	14.57	0.00	339	0	11.724	N.D. #
29) L7 Aroclor-1260 {3}	17.78	21.87	143	155	3.551	3.792
Total Aroclor-1260			2344	519	88.540	18.947
Average Aroclor-1260					29.513	9.474
30) L8 Aroclor-1268	18.89	23.28	83	65	NoCal	15.170 #
31) L8 Aroclor-1268 {2}	0.00	23.48f	0	21	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	65	N.D.	15.170
Average Aroclor-1268					0.000	15.170

$$AR_{1242} = \frac{3888 \times 25 \times 5}{14.1 \times 0.99} = 34820$$

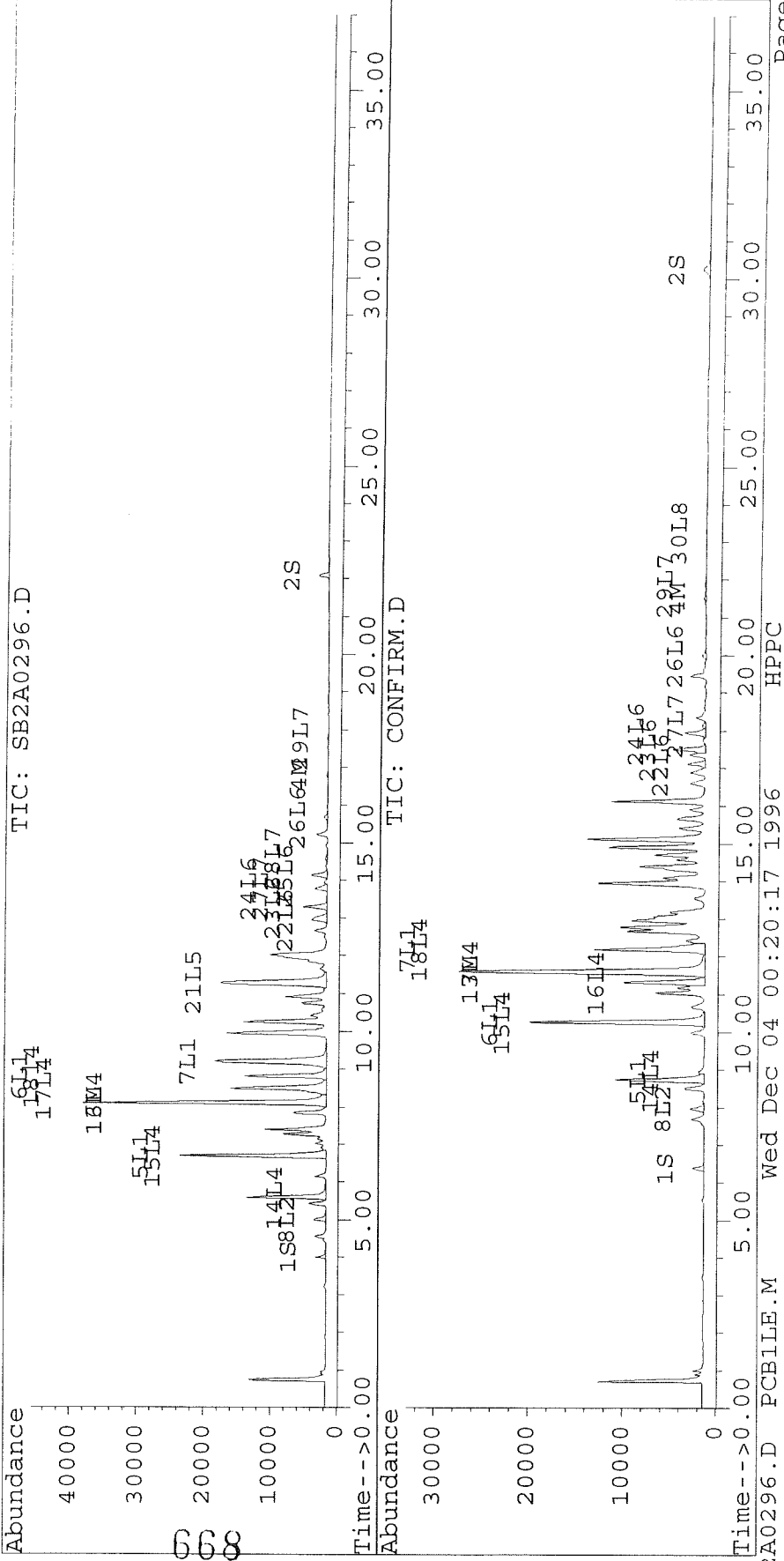
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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0296.D Vial: 45
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0296.D\CONFIRM.D
 Acq On : 03 Dec 96 11:40 PM Operator: JS
 Sample : 8080,VHB, C995-123, PGG5 Inst : SB2
 Misc : 14.1g, 25mL, 99% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 4 0:19 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0267.D Vial: 16
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0267.D\CONFIRM.D
 Acq On : 03 Dec 96 03:51 AM Operator: JS
 Sample : 8080,VHB, C995-124, PJ11 Inst : SB2
 Misc : 15.0g, 25mL, 89% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 4:30 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	6355	4737	32.875	30.772
			Recovery	=	82.19%	<u>76.93%</u>
2) S Decachlorobiphenyl	22.09	30.25	5341	3271	33.760	44.180 #
			Recovery	=	<u>84.40%</u>	110.45%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	10993	7571	147.249	114.528
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	3830	3555	29.468	29.255
5) L1 Aroclor-1016	6.70	8.75	4016	470	163.306	49.646 #
6) L1 Aroclor-1016 {2}	8.82	10.27	3535	3567	294.688	167.995 #
7) L1 Aroclor-1016 {3}	9.20	12.17	13182	1549	690.096	128.773 #
Total Aroclor-1016			20732	5586	1148.090	346.415
Average Aroclor-1016					382.697	115.472
8) L2 Aroclor-1221	5.01f	7.97f	55	121	7.863	19.833 #
9) L2 Aroclor-1221 {2}	5.42f	0.00	125	0	21.341	N.D. #
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	470	N.D.	30.634 #
Total Aroclor-1221			180	592	29.204	50.468
Average Aroclor-1221					14.602	25.234
11) L3 Aroclor-1232	0.00	8.75f	0	470	N.D.	32.819 #
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	470	N.D.	32.819
Average Aroclor-1232					0.000	32.819
14) L4 Aroclor-1242	5.58	8.75	1453	470	91.083	36.414 #
15) L4 Aroclor-1242 {2}	6.70	10.27	4016	3567	135.599	139.401
16) L4 Aroclor-1242 {3}	8.11	11.32	10993	1482	<u>264.368</u>	138.022 #
17) L4 Aroclor-1242 (4)	8.49	11.61	1733	7571	<u>100.438</u>	233.236 #
18) L4 Aroclor-1242 (5)	8.82	12.17	3535	1549	<u>251.792</u>	108.115 #
Total Aroclor-1242			21729	14640	843.280	655.188
Average Aroclor-1242					168.656	131.038
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0267.D Vial: 16
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0267.D\CONFIRM.D
 Acq On : 03 Dec 96 03:51 AM Operator: JS
 Sample : 8080,VHB, C995-124, PJ11 Inst : SB2
 Misc : 15.0g, 25mL, 89% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 4:30 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	6233	5433	265.952	258.691
23) L6 Aroclor-1254 {2}	13.29	17.50	14597	13218	297.351	279.449
24) L6 Aroclor-1254 {3}	13.78	17.93	6876	7133	296.762	248.680
25) L6 Aroclor-1254 (4)	14.13	18.45	7903	5900	260.286	305.428
26) L6 Aroclor-1254 (5)	15.68	19.99	11163	9193	306.557	307.874
Total Aroclor-1254			46772	40878	1426.908	1400.122
Average Aroclor-1254					285.382	280.024
27) L7 Aroclor-1260	13.78	18.13	6876	5163	270.651	214.765
28) L7 Aroclor-1260 {2}	14.57	18.45	6443	5900	222.894	218.994
29) L7 Aroclor-1260 {3}	17.77	21.86	2896	3176	71.737	77.817
Total Aroclor-1260			16215	14240	565.281	511.576
Average Aroclor-1260					188.427	170.525
30) L8 Aroclor-1268	18.88	0.00	2150	0	NoCal	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

AR 1242 - Use 2 pks

$$\frac{516 \times \frac{5}{2} \times 25}{15.0 \times 0.89} = 2400$$

AR 1257

~~AR 12~~

$$\frac{1400 \times \frac{5}{2} \times 25}{15.0 \times 0.89} = 2622$$

670

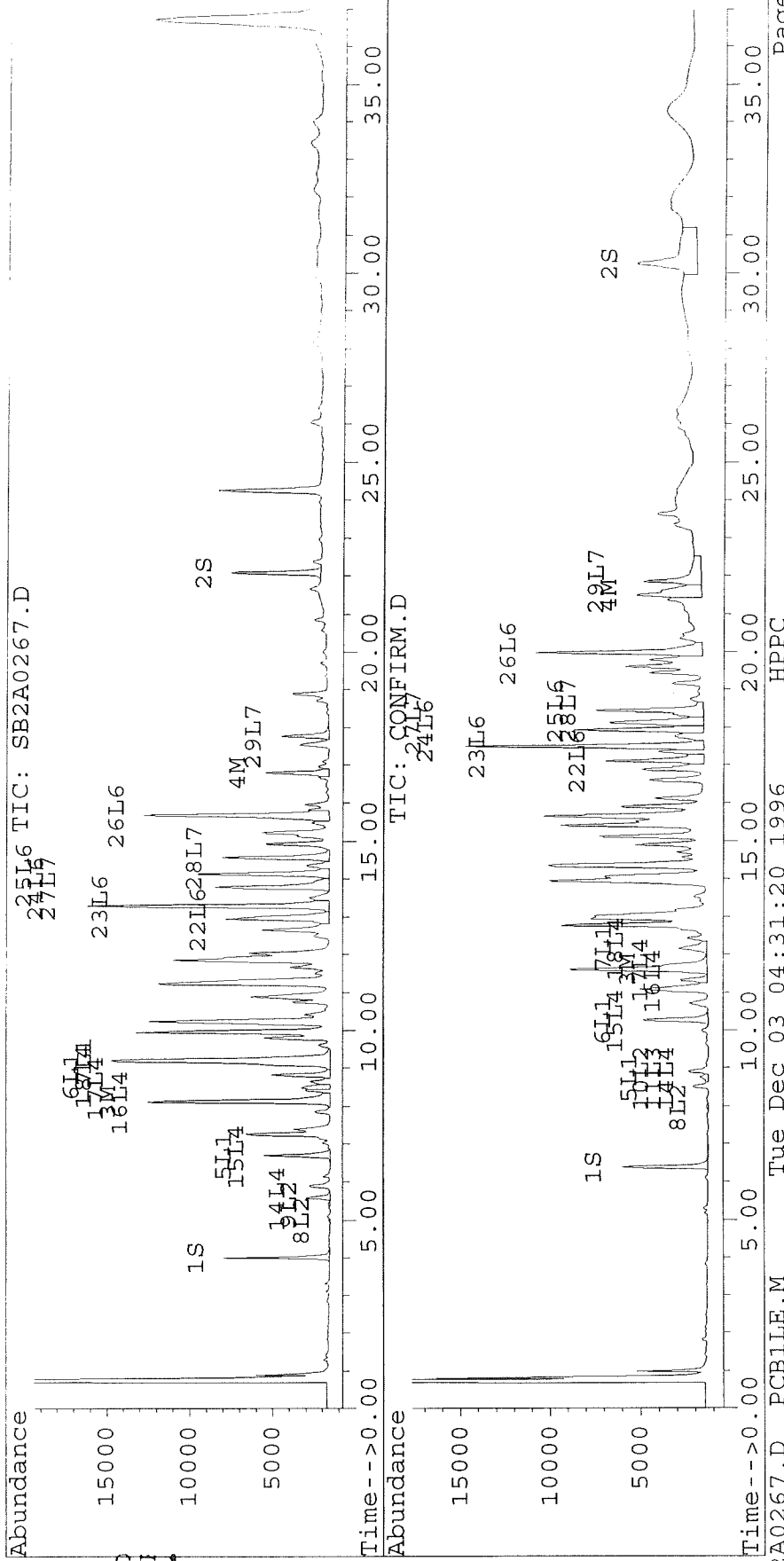
MRL = 190/370

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0267.D Vial: 16
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0267.D\CONFIRM.D
 Acq On : 03 Dec 96 03:51 AM Operator: JS
 Sample : 8080,VHB, C995-124, PJ11 Inst : SB2
 Misc : 15.0g, 25mL, 89% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 4:30 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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

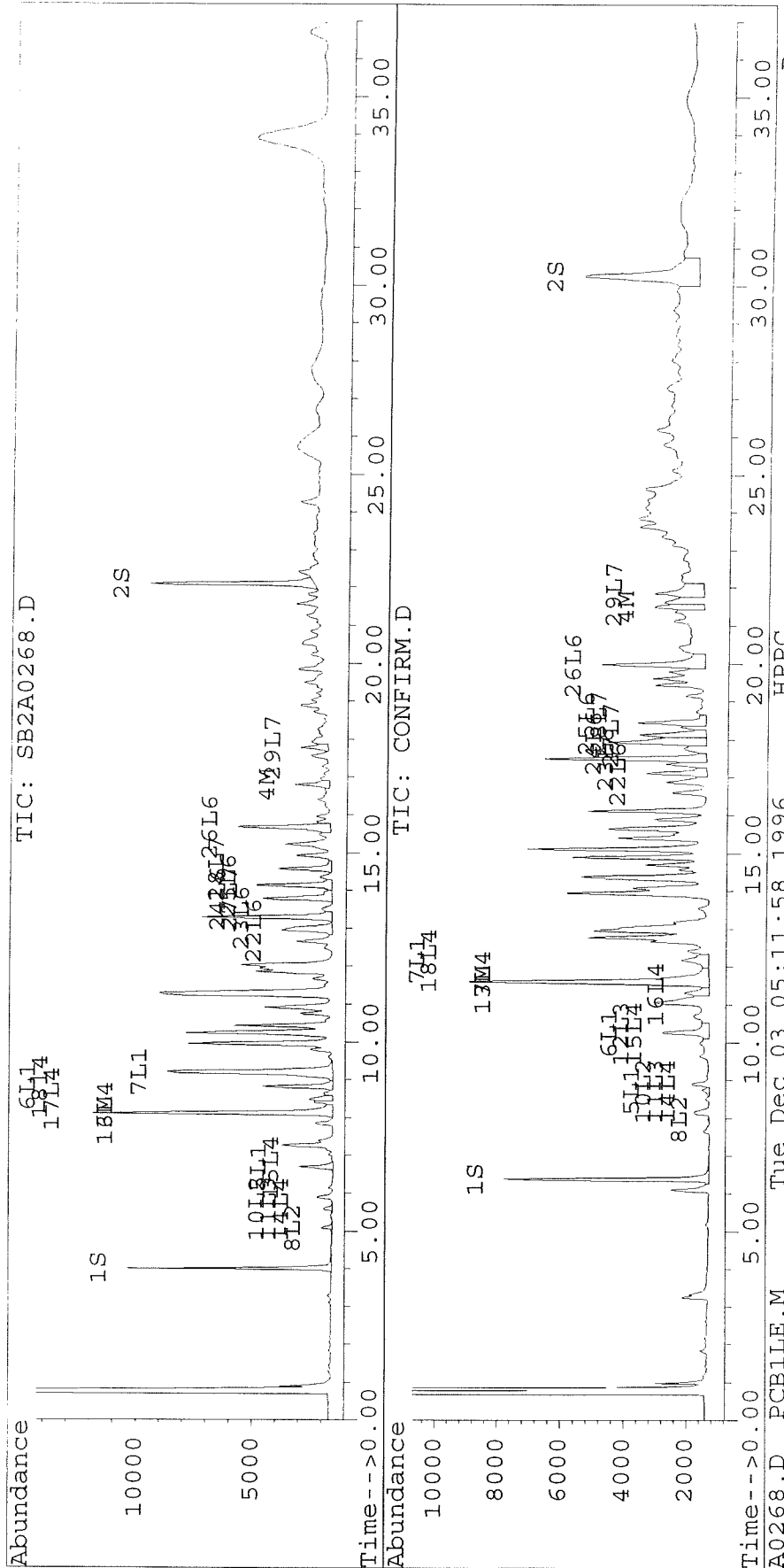


Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0268.D Vial: 17
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0268.D\CONFIRM.D
 Acq On : 03 Dec 96 04:32 AM Operator: JS
 Sample : 8080,VHB, C995-125, PJ12 Inst : SB2
 Misc : 15.0g, 25mL, 92% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 5:11 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0268.D Vial: 17
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0268.D\CONFIRM.D
 Acq On : 03 Dec 96 04:32 AM Operator: JS
 Sample : 8080,VHB, C995-125, PJ12 Inst : SB2
 Misc : 15.0g, 25mL, 92% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 5:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.38	8804	6492	45.549	42.175
			Recovery	=	113.87%	105.44%
2) S Decachlorobiphenyl	22.09	30.25	7055	3640	44.591	49.167
			Recovery	=	111.48%	122.92%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	10361	7617	138.783	115.211
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	1489	1586	11.456	13.054
5) L1 Aroclor-1016	6.70	8.75	1461	220	59.396	23.252 #
6) L1 Aroclor-1016 {2}	8.82	10.27	3027	1505	252.372	70.904 #
7) L1 Aroclor-1016 {3}	9.21	12.19	7112	881	372.329	73.220 #
Total Aroclor-1016			11600	2607	684.098	167.376
Average Aroclor-1016					228.033	55.792
8) L2 Aroclor-1221	5.09f	7.97f	472	46	67.396	7.521 #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.59f	8.75f	383	220	18.943	14.348
Total Aroclor-1221			855	266	86.338	21.868
Average Aroclor-1221					43.169	10.934
11) L3 Aroclor-1232	5.59f	8.75f	383	220	20.984	15.371 #
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	1505	N.D.	125.307 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			383	1726	20.984	140.678
Average Aroclor-1232					20.984	70.339
14) L4 Aroclor-1242	5.59	8.75	383	220	24.001	17.055 #
15) L4 Aroclor-1242 {2}	6.70	10.27	1461	1505	49.319	58.836
16) L4 Aroclor-1242 {3}	8.11	11.32	10361	796	249.168	74.103 #
17) L4 Aroclor-1242 (4)	8.49	11.61	1006	7617	58.317	234.627 #
18) L4 Aroclor-1242 (5)	8.82	12.19	3027	881	215.636	61.474 #
Total Aroclor-1242			16238	11019	596.440	446.094
Average Aroclor-1242					119.288	89.219
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

673

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0268.D Vial: 17
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0268.D\CONFIRM.D
 Acq On : 03 Dec 96 04:32 AM Operator: JS
 Sample : 8080,VHB, C995-125, PJ12 Inst : SB2
 Misc : 15.0g, 25mL, 92% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 5:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	2168	1932	92.483	91.980
23) L6 Aroclor-1254 {2}	13.29	17.50	5582	5136	113.702	108.578
24) L6 Aroclor-1254 {3}	13.78	17.94	2977	3121	128.510	108.794
25) L6 Aroclor-1254 (4)	14.13	18.45	3238	2176	106.640	112.619
26) L6 Aroclor-1254 (5)	15.68	19.99	3981	3272	109.337	109.581
Total Aroclor-1254			17946	15636	550.671	531.553
Average Aroclor-1254					110.134	106.311
27) L7 Aroclor-1260	13.78	18.13	2977	2134	117.202	88.768
28) L7 Aroclor-1260 {2}	14.57	18.45	2295	2176	79.388	80.749
29) L7 Aroclor-1260 {3}	17.77	21.86	1175	1586	29.096	38.856 #
Total Aroclor-1260			6447	5896	225.686	208.373
Average Aroclor-1260					75.229	69.458
30) L8 Aroclor-1268	18.89	0.00	1081	0	NoCal	N.D.
31) L8 Aroclor-1268 {2}	19.03	0.00	627	0	NoCal	N.D.
32) L8 Aroclor-1268 {3}	21.82	0.00	445	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR_{1242} = \frac{465 \times \frac{5}{2} \times 25}{15 \times 0.92} = 2100$$

$$AR_{1254} = \frac{532 \times 25}{15 \times 0.92} = 960$$

$$MRL = \frac{180}{360} = 0.5$$

074

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0272.D Vial: 21
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0272.D\CONFIRM.D
 Acq On : 03 Dec 96 07:14 AM Operator: JS
 Sample : 8080,VHB, C995-126, PII8 Inst : SB2
 Misc : 11.4g, 25mL, 100% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 7:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.38	8140	6148	42.114	39.943
			Recovery	=	105.29%	<u>99.86%</u>
2) S Decachlorobiphenyl	22.09	30.24	6661	2987	42.099	40.355
			Recovery	=	105.25%	<u>100.89%</u>
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.59	2927	2126	39.209	32.160
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	35778	29031	275.304	238.898
5) L1 Aroclor-1016	6.70	8.75	1814	545	73.777	57.527
6) L1 Aroclor-1016 {2}	8.82	10.27	968	1533	80.702	72.203
7) L1 Aroclor-1016 {3}	9.17f	12.20	45852	750	2400.491	62.340 #
Total Aroclor-1016			48634	2828	2554.970	192.070
Average Aroclor-1016					851.657	64.023
8) L2 Aroclor-1221	5.08f	7.98f	308	61	43.924	10.033 #
9) L2 Aroclor-1221 {2}	5.42f	8.52f	126	97	21.629	19.962
10) L2 Aroclor-1221 {3}	5.59f	8.75f	677	545	33.485	35.497
Total Aroclor-1221			1111	704	99.038	65.492
Average Aroclor-1221					33.013	21.831
11) L3 Aroclor-1232	5.59f	8.75f	677	545	37.093	38.028
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			677	545	37.093	38.028
Average Aroclor-1232					37.093	38.028
14) L4 Aroclor-1242	5.59	8.75	677	545	42.427	42.195
15) L4 Aroclor-1242 {2}	6.70	10.27	1814	1533	61.260	59.913
16) L4 Aroclor-1242 {3}	8.11	11.33	2927	579	70.394	53.893
17) L4 Aroclor-1242 (4)	8.49	11.59	1087	2126	63.005	65.493
18) L4 Aroclor-1242 (5)	8.82	12.20	968	750	68.954	52.339
Total Aroclor-1242			7473	5533	306.040	273.833
Average Aroclor-1242					61.208	54.767
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	675	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0272.D Vial: 21
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0272.D\CONFIRM.D
 Acq On : 03 Dec 96 07:14 AM Operator: JS
 Sample : 8080,VHB, C995-126, PII8 Inst : SB2
 Misc : 11.4g, 25mL, 100% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 7:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	66877	59760	2853.340	2845.701
23) L6 Aroclor-1254 {2}	13.29	17.50	125323	118607	2552.930	2507.460
24) L6 Aroclor-1254 {3}	13.78	17.93	55984	78430	2416.315	2734.191
25) L6 Aroclor-1254 (4)	14.12	18.45	84395	46946	2779.692	2430.105
26) L6 Aroclor-1254 (5)	15.67	19.98	99684	82191	2737.517	2752.477
Total Aroclor-1254			432263	385934	13339.794	13269.934
Average Aroclor-1254					2667.959	2653.987
27) L7 Aroclor-1260	13.78	18.13	55984	42187	2203.710	1754.758
28) L7 Aroclor-1260 {2}	14.56	18.45	50519	46946	1747.605	1742.402
29) L7 Aroclor-1260 {3}	17.77	21.86	15917	13921	394.229	341.039
Total Aroclor-1260			122420	103054	4345.544	3838.199
Average Aroclor-1260					1448.515	1279.400
30) L8 Aroclor-1268	18.89	23.35f	11201	1470	NoCal	342.335 #
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	1470	N.D.	342.335
Average Aroclor-1268					0.000	342.335

dilute

MRL = 220/440

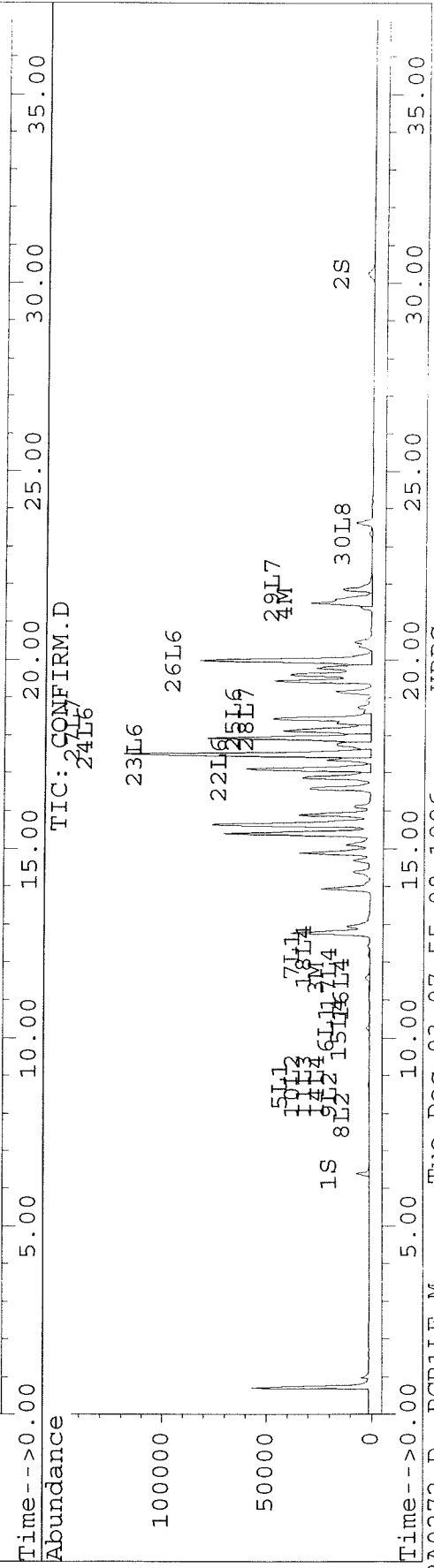
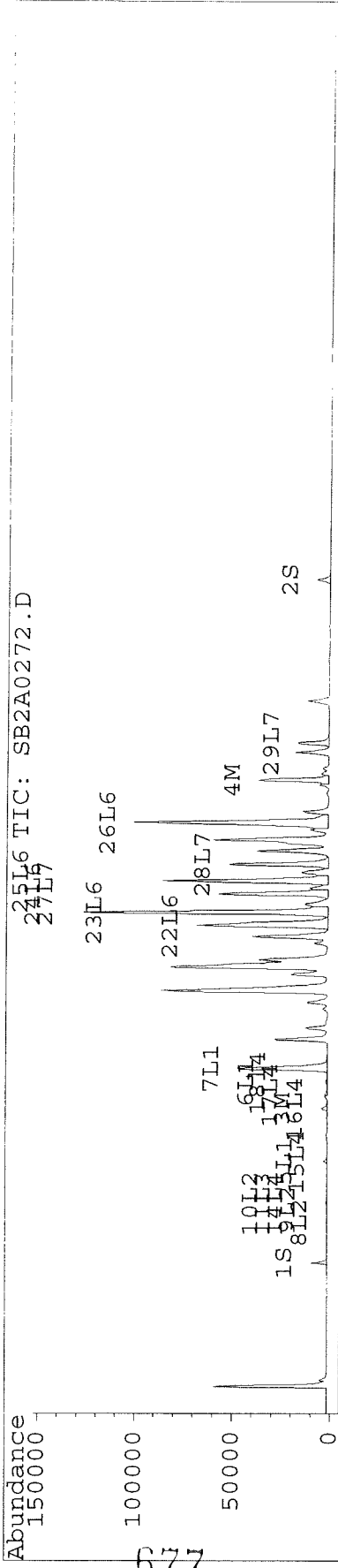
676

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0272.D Vial: 21
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0272.D\CONFIRM.D
 Acq On : 03 Dec 96 07:14 AM Operator: JS
 Sample : 8080,VHB, C995-126, PII8 Inst : SB2
 Misc : 11.4g, 25mL, 100% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 7:53 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0297.D Vial: 46
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0297.D\CONFIRM.D
 Acq On : 04 Dec 96 00:21 AM Operator: JS
 Sample : 8080,VHB, C995-126, PII8 Inst : SB2
 Misc : 11.4g, 25mL, 100% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 4 1:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	1589	1192	8.219	7.742
			Recovery	=	20.55%	19.36%
2) S Decachlorobiphenyl	22.09	30.26	1563	723	9.879	9.768
			Recovery	=	24.70%	24.42%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	818	595	10.957	8.993
4) M 2,2',3,3',4,4'-Hexa	16.79	21.51	7869	6126	60.547	50.413
5) L1 Aroclor-1016	6.70	8.75	554	171	22.532	18.070
6) L1 Aroclor-1016 {2}	8.82	10.27	269	472	22.448	22.236
7) L1 Aroclor-1016 {3}	9.17f	12.20	12559	224	657.474	18.632 #
Total Aroclor-1016			13382	867	702.454	58.938
Average Aroclor-1016					234.151	19.646
8) L2 Aroclor-1221	5.08f	7.98f	72	22	10.225	3.602 #
9) L2 Aroclor-1221 {2}	5.42f	8.52f	40	32	6.901	6.641
10) L2 Aroclor-1221 {3}	5.59f	8.75f	216	171	10.670	11.150
Total Aroclor-1221			327	226	27.795	21.393
Average Aroclor-1221					9.265	7.131
11) L3 Aroclor-1232	5.59f	8.75f	216	171	11.820	11.945
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	472	N.D.	39.298 #
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	224	N.D.	32.327 #
Total Aroclor-1232			216	867	11.820	83.570
Average Aroclor-1232					11.820	27.857
14) L4 Aroclor-1242	5.59	8.75	216	171	13.519	13.254
15) L4 Aroclor-1242 {2}	6.70	10.27	554	472	18.709	18.452
16) L4 Aroclor-1242 {3}	8.11	11.33	818	174	19.671	16.224
17) L4 Aroclor-1242 (4)	8.49	11.60	313	595	18.146	18.314
18) L4 Aroclor-1242 (5)	8.82	12.20	269	224	19.181	15.643
Total Aroclor-1242			2170	1636	89.226	81.887
Average Aroclor-1242					17.845	16.377
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	678	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0297.D Vial: 46
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0297.D\CONFIRM.D
 Acq On : 04 Dec 96 00:21 AM Operator: JS
 Sample : 8080,VHB, C995-126, PII8 Inst : SB2
 Misc : 11.4g, 25mL, 100% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 4 1:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	15873	14201	677.217	676.220
23) L6 Aroclor-1254 {2}	13.29	17.50	32661	30851	665.337	652.209
24) L6 Aroclor-1254 {3}	13.78	17.93	14460	19528	624.125	680.776
25) L6 Aroclor-1254 (4)	14.13	18.45	20891	12142	688.069	628.536
26) L6 Aroclor-1254 (5)	15.68	19.99	25077	20192	688.670	676.205
Total Aroclor-1254			108962	96914	3343.418	3313.945
Average Aroclor-1254					668.684	662.789
27) L7 Aroclor-1260	13.78	18.13	14460	10901	569.210	453.443
28) L7 Aroclor-1260 {2}	14.57	18.45	13016	12142	450.263	450.665
29) L7 Aroclor-1260 {3}	17.77	21.87	3417	3038	84.625	74.432
Total Aroclor-1260			30893	26082	1104.098	978.540
Average Aroclor-1260					368.033	326.180
30) L8 Aroclor-1268	18.89	0.00	2321	0	NoCal	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

AR1254 =

$$\frac{3314 \times 5 \times 25}{11.4} = 36340$$

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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0273.D Vial: 22
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0273.D\CONFIRM.D
 Acq On : 03 Dec 96 07:55 AM Operator: JS
 Sample : 8080,VHB, C995-127, PK10 Inst : SB2
 Misc : 15.5g, 25mL, 92% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 8:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	7929	6130	41.019	39.825
			Recovery	=	102.55%	<u>99.56%</u>
2) S Decachlorobiphenyl	22.09	30.25	6966	3316	44.030	<u>44.790</u>
			Recovery	=	110.08%	111.98%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	28255	20115	378.459	304.276
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	7680	5396	59.099	44.404
5) L1 Aroclor-1016	6.70	8.74	8718	1206	354.558	127.347 #
6) L1 Aroclor-1016 {2}	8.82	10.26	8077	7659	673.389	360.754 #
7) L1 Aroclor-1016 {3}	9.20	12.18	18851	4000	986.884	332.479 #
Total Aroclor-1016			35647	12866	2014.831	820.581
Average Aroclor-1016					671.610	273.527
8) L2 Aroclor-1221	5.09f	0.00	885	0	126.372	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.74f	0	1206	N.D.	78.581 #
Total Aroclor-1221			885	1206	126.372	78.581
Average Aroclor-1221					126.372	78.581
11) L3 Aroclor-1232	0.00	8.74f	0	1206	N.D.	84.184 #
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	1206	N.D.	84.184
Average Aroclor-1232					0.000	84.184
14) L4 Aroclor-1242	5.58	8.74	2793	1206	175.114	93.407 #
15) L4 Aroclor-1242 {2}	6.70	10.26	8718	7659	<u>294.402</u>	299.351
16) L4 Aroclor-1242 {3}	8.11	11.32	28255	3091	<u>679.478</u>	287.930 #
17) L4 Aroclor-1242 (4)	8.49	11.61	4596	20115	<u>266.446</u>	619.655 #
18) L4 Aroclor-1242 (5)	8.82	12.18	8077	4000	<u>575.367</u>	279.141 #
Total Aroclor-1242			52440	36072	<u>1990.807</u>	1579.484
Average Aroclor-1242					398.161	315.897
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0273.D Vial: 22
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0273.D\CONFIRM.D
 Acq On : 03 Dec 96 07:55 AM Operator: JS
 Sample : 8080,VHB, C995-127, PK10 Inst : SB2
 Misc : 15.5g, 25mL, 92% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 8:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	11996	10960	511.825	521.923
23) L6 Aroclor-1254 {2}	13.29	17.50	27055	23075	551.135	487.825
24) L6 Aroclor-1254 {3}	13.78	17.94	13042	16906	562.898	589.357
25) L6 Aroclor-1254 (4)	14.13	18.45	17407	11242	573.324	581.904
26) L6 Aroclor-1254 (5)	15.67	19.98	22194	17891	609.496	599.146
Total Aroclor-1254			91694	80074	2808.677	<u>2780.155</u>
Average Aroclor-1254					561.735	556.031
27) L7 Aroclor-1260	13.78	18.13	13042	9587	513.370	398.774
28) L7 Aroclor-1260 {2}	14.57	18.45	11771	11242	407.209	417.229
29) L7 Aroclor-1260 {3}	17.77	21.86	6155	5522	152.431	135.272
Total Aroclor-1260			30968	26350	1073.010	951.275
Average Aroclor-1260					357.670	317.092
30) L8 Aroclor-1268	18.88	23.35f	4378	2064	NoCal	480.534 #
31) L8 Aroclor-1268 {2}	19.05	0.00	361	0	NoCal	N.D.
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	2064	N.D.	480.534
Average Aroclor-1268					0.000	480.534

AR1242

$$\frac{1255 \times \frac{5}{2} \times 25}{15.5 \times 0.92} = 5500$$

AR1254

$$\frac{2780 \times 25}{15.5 \times 0.92} = 4874$$

$$MRC = 180 / 350$$

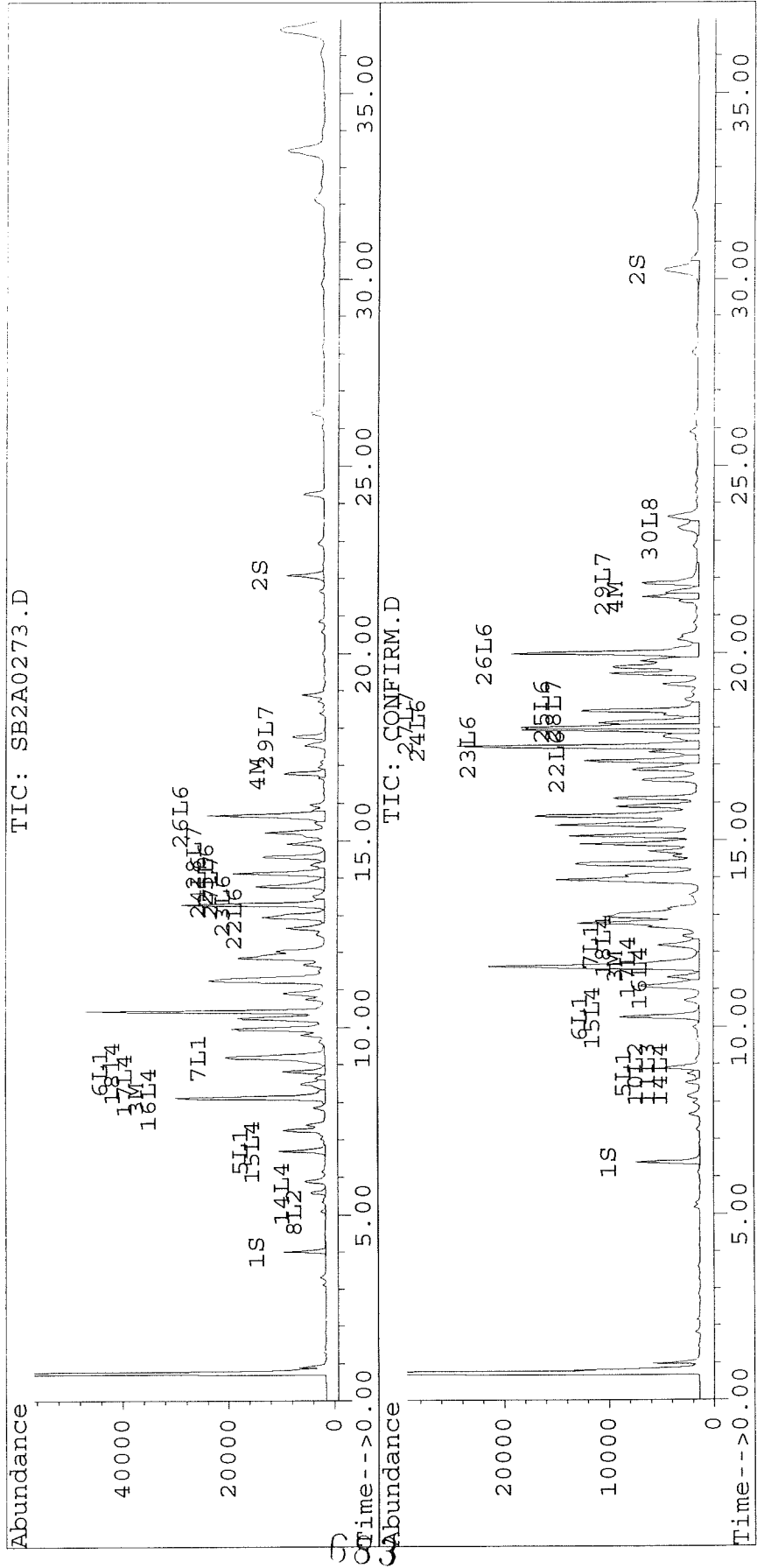
682

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0273.D Vial: 22
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0273.D\CONFIRM.D
 Acq On : 03 Dec 96 07:55 AM Operator: JS
 Sample : 8080,VHB, C995-127, PK10 Inst : SB2
 Misc : 15.5g, 25mL, 92% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 8:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0274.D Vial: 23
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0274.D\CONFIRM.D
 Acq On : 03 Dec 96 08:36 AM Operator: JS
 Sample : 8080,VHB, C995-128, PK11 Inst : SB2
 Misc : 15.5g, 25mL, 90% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 9:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.38	8923	6551	46.160	42.561
			Recovery	=	115.40%	<u>106.40%</u>
2) S Decachlorobiphenyl	22.09	30.25	7294	3301	46.103	44.587
			Recovery	=	115.26%	<u>111.47%</u>
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	19426	13518	260.198	204.478
4) M 2,2',3,3',4,4'-Hexa	16.79	21.51	3671	2540	28.251	20.903 #
5) L1 Aroclor-1016	6.70	8.74	3923	606	159.550	64.009 #
6) L1 Aroclor-1016 {2}	8.81	10.26	6186	3562	515.743	167.791 #
7) L1 Aroclor-1016 {3}	9.20	12.17	15943	2446	834.643	203.344 #
Total Aroclor-1016			26052	6615	1509.936	435.144
Average Aroclor-1016					503.312	145.048
8) L2 Aroclor-1221	5.09f	0.00	319	0	45.560	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			319	0	45.560	N.D.
Average Aroclor-1221					45.560	0.000
11) L3 Aroclor-1232	0.00	8.74f	0	606	N.D.	42.313 #
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	606	N.D.	42.313
Average Aroclor-1232					0.000	42.313
14) L4 Aroclor-1242	5.59	8.74	1676	606	105.078	46.949 #
15) L4 Aroclor-1242 {2}	6.70	10.26	3923	3562	132.480	139.231
16) L4 Aroclor-1242 {3}	8.11	11.32	19426	1661	<u>467.154</u>	154.706 #
17) L4 Aroclor-1242 (4)	8.49	11.61	2504	13518	<u>145.162</u>	416.417 #
18) L4 Aroclor-1242 (5)	8.81	12.17	6186	2446	<u>440.670</u>	170.722 #
Total Aroclor-1242			33715	21794	1290.544	928.026
Average Aroclor-1242					258.109	185.605
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0274.D Vial: 23
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0274.D\CONFIRM.D
 Acq On : 03 Dec 96 08:36 AM Operator: JS
 Sample : 8080,VHB, C995-128, PK11 Inst : SB2
 Misc : 15.5g, 25mL, 90% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 9:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	6705	5983	286.061	284.881
23) L6 Aroclor-1254 {2}	13.29	17.50	15047	12767	306.527	269.901
24) L6 Aroclor-1254 {3}	13.78	17.93	7199	8270	310.715	288.319
25) L6 Aroclor-1254 (4)	14.13	18.45	9020	5540	297.104	286.746
26) L6 Aroclor-1254 (5)	15.67	19.99	10462	8421	287.305	282.001
Total Aroclor-1254			48433	40980	1487.712	1411.847
Average Aroclor-1254					297.542	282.369
27) L7 Aroclor-1260	13.78	18.13	7199	5085	283.376	211.501 #
28) L7 Aroclor-1260 {2}	14.57	18.45	5866	5540	202.910	205.599
29) L7 Aroclor-1260 {3}	17.77	21.86	2839	2850	70.315	69.832
Total Aroclor-1260			15904	13475	556.600	486.932
Average Aroclor-1260					185.533	162.311
30) L8 Aroclor-1268	18.88	0.00	2250	0	NoCal	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

AR1242 - Use 2pts

$$\frac{908 \times \frac{5}{2} \times 25}{15.5 \times 0.9} = 4070$$

AR1254

$$\frac{1412 \times 25}{15.5 \times 0.9} = 2530$$

MRC = 184/36
 685

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0275.D Vial: 24
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0275.D\CONFIRM.D
 Acq On : 03 Dec 96 09:17 AM Operator: JS
 Sample : 8080,VHB, C995-129, PK12 Inst : SB2
 Misc : 15.0g, 25mL, 90% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 9:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	7641	5832	39.528	37.884
			Recovery	=	98.82%	<u>94.71%</u>
2) S Decachlorobiphenyl	22.09	30.25	6371	2927	40.266	39.543
			Recovery	=	100.67%	<u>98.86%</u>
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	30425	22948	407.527	347.130
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	409	476	3.147	3.921
5) L1 Aroclor-1016	6.70	8.75	1771	73	72.015	7.719 #
6) L1 Aroclor-1016 {2}	8.82	10.27	11019	1598	918.628	75.260 #
7) L1 Aroclor-1016 {3}	9.21	12.20	14609	702	764.817	58.352 #
Total Aroclor-1016			27399	2373	1755.460	141.331
Average Aroclor-1016					585.153	47.110
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	8.75f	0	73	N.D.	4.763 #
Total Aroclor-1221			0	73	N.D.	4.763
Average Aroclor-1221					0.000	4.763
11) L3 Aroclor-1232	0.00	8.75f	0	73	N.D.	5.102 #
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	1598	N.D.	133.005 #
13) L3 Aroclor-1232 {3}	0.00	12.30f	0	724	N.D.	104.387 #
Total Aroclor-1232			0	2395	N.D.	242.495
Average Aroclor-1232					0.000	80.832
14) L4 Aroclor-1242	5.57	8.75	748	73	46.898	5.661 #
15) L4 Aroclor-1242 {2}	6.70	10.27	1771	1598	59.797	62.450
16) L4 Aroclor-1242 {3}	8.11	11.30	30425	1488	<u>731.667</u>	138.642 #
17) L4 Aroclor-1242 (4)	8.49	11.61	1774	22948	<u>102.850</u>	706.928 #
18) L4 Aroclor-1242 (5)	8.82	12.20	11019	702	<u>784.908</u>	48.991 #
Total Aroclor-1242			45737	26810	1726.120	962.673
Average Aroclor-1242					345.224	192.535
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0275.D Vial: 24
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0275.D\CONFIRM.D
 Acq On : 03 Dec 96 09:17 AM Operator: JS
 Sample : 8080;VHB, C995-129, PK12 Inst : SB2
 Misc : 15.0g, 25mL, 90% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 9:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.29f	0.00	16919	0	555.823	N.D. #
Total Aroclor-1248			16919	0	555.823	N.D.
Average Aroclor-1248					555.823	0.000
22) L6 Aroclor-1254	12.96	17.12	2134	1820	91.060	86.644
23) L6 Aroclor-1254 {2}	13.29	17.50	3627	3323	73.885	70.250
24) L6 Aroclor-1254 {3}	13.78	17.94	2223	2238	95.931	78.020
25) L6 Aroclor-1254 (4)	14.13	18.45	2314	597	76.211	30.925 #
26) L6 Aroclor-1254 (5)	15.68	19.99	942	826	25.862	27.663
Total Aroclor-1254			11240	8804	362.949	293.503
Average Aroclor-1254					72.590	58.701
27) L7 Aroclor-1260	13.78	18.13	2223	601	87.491	24.978 #
28) L7 Aroclor-1260 {2}	14.57	18.45	609	597	21.055	22.174
29) L7 Aroclor-1260 {3}	17.77	21.86	380	455	9.403	11.156
Total Aroclor-1260			3211	1653	117.948	58.308
Average Aroclor-1260					39.316	19.436
30) L8 Aroclor-1268	18.89	23.29	401	217	NoCal	50.520 #
31) L8 Aroclor-1268 {2}	19.04	0.00	178	0	NoCal	N.D.
32) L8 Aroclor-1268 {3}	21.82	0.00	91	0	NoCal	N.D.
Total Aroclor-1268			0	217	N.D.	50.520
Average Aroclor-1268					0.000	50.520

AR1242 =
$$\frac{1526 \times \frac{5}{2} \times 25}{15 \times 0.9} = 7060$$

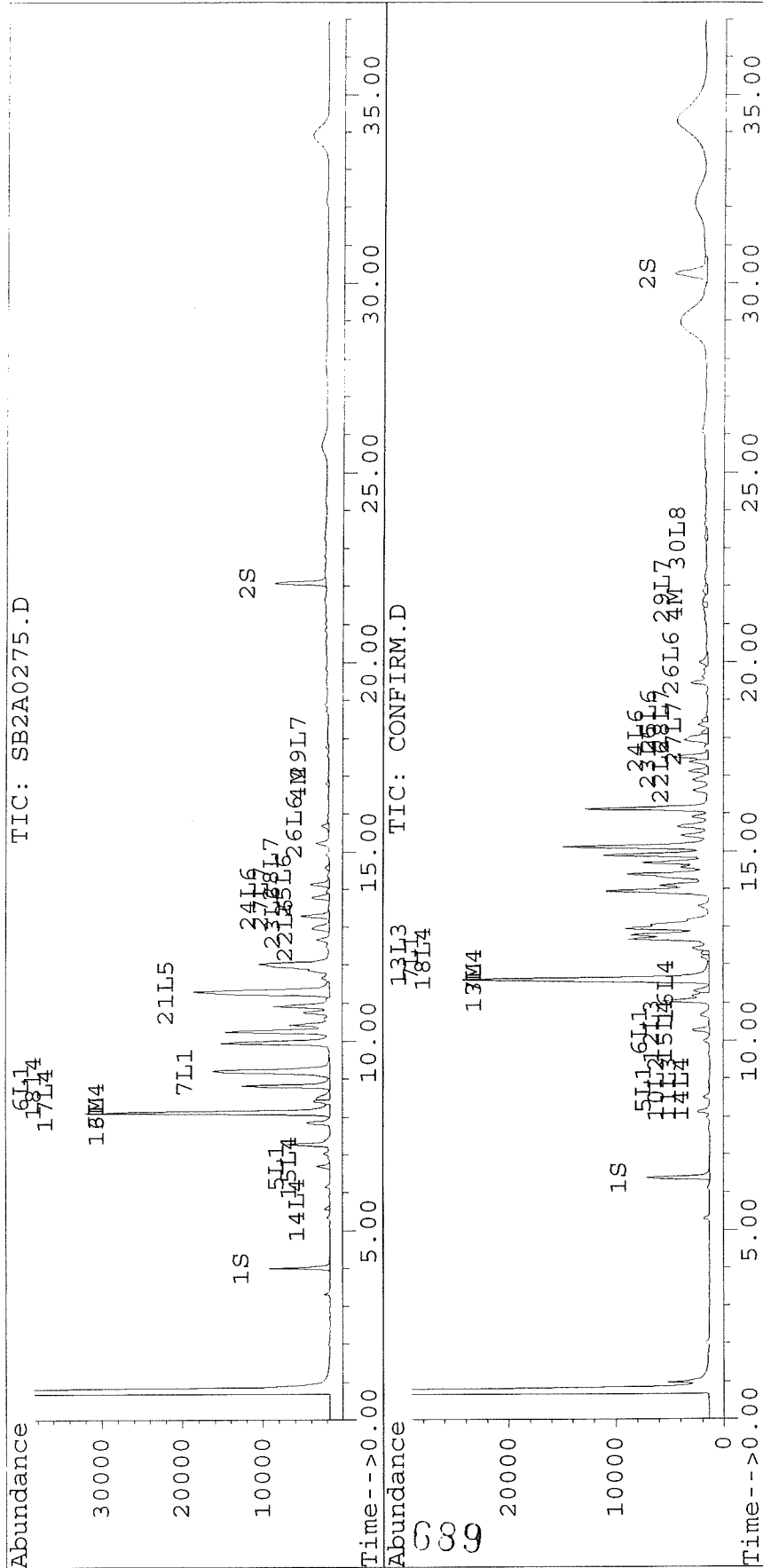
MRL =
$$190 / 370 = 688$$

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0275.D Vial: 24
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0275.D\CONFIRM.D
 Acq On : 03 Dec 96 09:17 AM Operator: JS
 Sample : 8080,VHB, C995-129, PK12 Inst : SB2
 Misc : 15.0g, 25mL, 90% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 9:56 1996

Method : C:\HPCHEM\5\METHODS\PCBILE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0276.D Vial: 25
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0276.D\CONFIRM.D
 Acq On : 03 Dec 96 09:57 AM Operator: JS
 Sample : 8080,VHB, C995-130, DB5 Inst : SB2
 Misc : 15.5g, 25mL, 94% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 10:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	2810	2145	14.538	13.935
			Recovery	=	36.35%	34.84%
2) S Decachlorobiphenyl	22.09	30.25	2611	1330	16.502	17.967
			Recovery	=	41.26%	44.92%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	5342	3671	71.552	55.537
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	788	718	6.064	5.909
5) L1 Aroclor-1016	6.70	8.75	1320	273	53.680	28.845 #
6) L1 Aroclor-1016 {2}	8.82	10.27	1625	1197	135.478	56.367 #
7) L1 Aroclor-1016 {3}	9.20	12.19	3445	777	180.347	64.556 #
Total Aroclor-1016			6390	2247	369.505	149.769
Average Aroclor-1016					123.168	49.923
8) L2 Aroclor-1221	5.09f	7.98f	79	88	11.237	14.337 #
9) L2 Aroclor-1221 {2}	5.42f	0.00	79	0	13.590	N.D. #
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	273	N.D.	17.799 #
Total Aroclor-1221			158	361	24.827	32.137
Average Aroclor-1221					12.413	16.068
11) L3 Aroclor-1232	0.00	8.75f	0	273	N.D.	19.068 #
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	1197	N.D.	99.616 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	1470	N.D.	118.685
Average Aroclor-1232					0.000	59.342
14) L4 Aroclor-1242	5.59	8.75	590	273	36.996	21.157 #
15) L4 Aroclor-1242 {2}	6.70	10.27	1320	1197	44.572	46.773
16) L4 Aroclor-1242 {3}	8.11	11.32	5342	522	128.462	48.619 #
17) L4 Aroclor-1242 (4)	8.50	11.61	940	3671	54.491	113.100 #
18) L4 Aroclor-1242 (5)	8.82	12.19	1625	777	115.757	54.200 #
Total Aroclor-1242			9817	6440	380.279	283.849
Average Aroclor-1242					76.056	56.770
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	690	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0276.D Vial: 25
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0276.D\CONFIRM.D
 Acq On : 03 Dec 96 09:57 AM Operator: JS
 Sample : 8080,VHB, C995-130, DB5 Inst : SB2
 Misc : 15.5g, 25mL, 94% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 10:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	1173	1049	50.063	49.939
23) L6 Aroclor-1254 {2}	13.29	17.50	2593	2196	52.812	46.435
24) L6 Aroclor-1254 {3}	13.79	17.94	1382	1654	59.654	57.658
25) L6 Aroclor-1254 (4)	14.13	18.45	1822	1138	60.009	58.903
26) L6 Aroclor-1254 (5)	15.68	19.99	1995	1701	54.784	56.975
Total Aroclor-1254			8965	7738	277.322	<u>269.911</u>
Average Aroclor-1254					55.464	53.982
27) L7 Aroclor-1260	13.79	18.13	1382	1013	54.405	42.144
28) L7 Aroclor-1260 {2}	14.56	18.45	1423	1138	49.231	42.234
29) L7 Aroclor-1260 {3}	17.77	21.86	797	872	19.741	21.351
Total Aroclor-1260			3602	3023	123.377	105.729
Average Aroclor-1260					41.126	35.243
30) L8 Aroclor-1268	18.88	0.00	581	0	NoCal	N.D.
31) L8 Aroclor-1268 {2}	19.05	0.00	35	0	NoCal	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

AR1242

$$\frac{244 \times \frac{5}{2} \times 25}{15.5 \times 0.94} = 1050$$

1254

$$\frac{270 \times 25}{15.5 \times 0.94} = 460$$

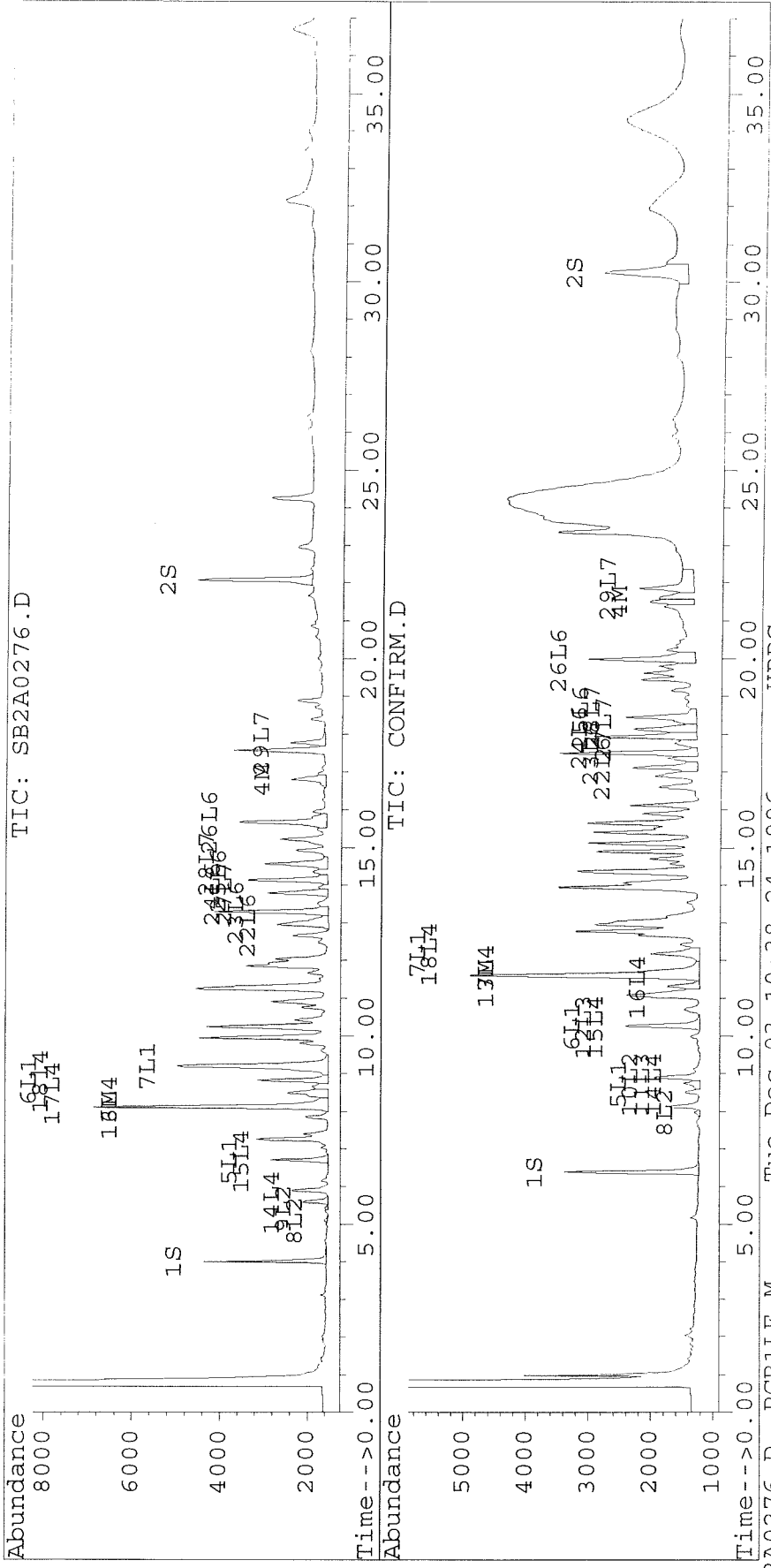
691

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0276.D Vial: 25
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0276.D\CONFIRM.D
Acq On : 03 Dec 96 09:57 AM Operator: JS
Sample : 8080,VHB, C995-130, DB5 Inst : SB2
Misc : 15.5g, 25mL, 94% Solid, no dilution Multiplr: 1.00
Quant Time: Dec 3 10:36 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
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 : D:\HPCHEM\5\02Dec96\SB2A0277.D Vial: 26
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0277.D\CONFIRM.D
 Acq On : 03 Dec 96 10:38 AM Operator: JS
 Sample : 8080,VHB, C995-131, DD1 Inst : SB2
 Misc : 15.0g, 25mL, 95% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 11:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	6887	5352	35.631	34.766
			Recovery	=	89.08%	86.91%
2) S Decachlorobiphenyl	22.09	30.25	5565	2621	35.174	35.400
			Recovery	=	87.94%	88.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.13	11.62	71	40	0.948	0.604 #
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	45	126	0.346	1.033 #
5) L1 Aroclor-1016	6.71	8.70f	24	19	0.969	1.955 #
6) L1 Aroclor-1016 {2}	8.82	10.29	23	28	1.952	1.315 #
7) L1 Aroclor-1016 {3}	9.19	0.00	100	0	5.229	N.D. #
Total Aroclor-1016			147	46	8.149	3.269
Average Aroclor-1016					2.716	1.635
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	6.71f	10.29	24	28	1.745	2.323 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			24	28	1.745	2.323
Average Aroclor-1232					1.745	2.323
14) L4 Aroclor-1242	5.57	8.70f	152	19	9.507	1.434 #
15) L4 Aroclor-1242 {2}	6.71	10.29	24	28	0.804	1.091 #
16) L4 Aroclor-1242 {3}	8.13	0.00	71	0	1.703	N.D. #
17) L4 Aroclor-1242 (4)	8.48	11.62	17	40	0.960	1.229 #
18) L4 Aroclor-1242 (5)	8.82	0.00	23	0	1.668	N.D. #
Total Aroclor-1242			286	86	14.642	3.754
Average Aroclor-1242					2.928	1.251
19) L5 Aroclor-1248	0.00	14.91f	0	43	N.D.	2.141 #
20) L5 Aroclor-1248 {2}	0.00	15.13f	0	42	N.D.	2.034 #

693

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0277.D Vial: 26
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0277.D\CONFIRM.D
 Acq On : 03 Dec 96 10:38 AM Operator: JS
 Sample : 8080,VHB, C995-131, DD1 Inst : SB2
 Misc : 15.0g, 25mL, 95% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 11:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	85	N.D.	4.175
Average Aroclor-1248					0.000	2.088
22) L6 Aroclor-1254	12.96	17.12	57	62	2.444	2.948
23) L6 Aroclor-1254 {2}	13.29	17.51	153	129	3.108	2.721
24) L6 Aroclor-1254 {3}	13.79	17.94	79	80	3.413	2.804
25) L6 Aroclor-1254 (4)	14.13	18.46	78	62	2.566	3.223 #
26) L6 Aroclor-1254 (5)	15.68	20.03f	98	316	2.679	10.597 #
Total Aroclor-1254			464	650	14.209	22.291
Average Aroclor-1254					2.842	4.458
27) L7 Aroclor-1260	13.79	18.14	79	75	3.112	3.106
28) L7 Aroclor-1260 {2}	14.55	18.46	126	62	4.346	2.311 #
29) L7 Aroclor-1260 {3}	17.78	21.87	48	129	1.194	3.161 #
Total Aroclor-1260			253	266	8.653	8.578
Average Aroclor-1260					2.884	2.859
30) L8 Aroclor-1268	18.89	0.00	42	0	NoCal	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

MRL = 170 / 350

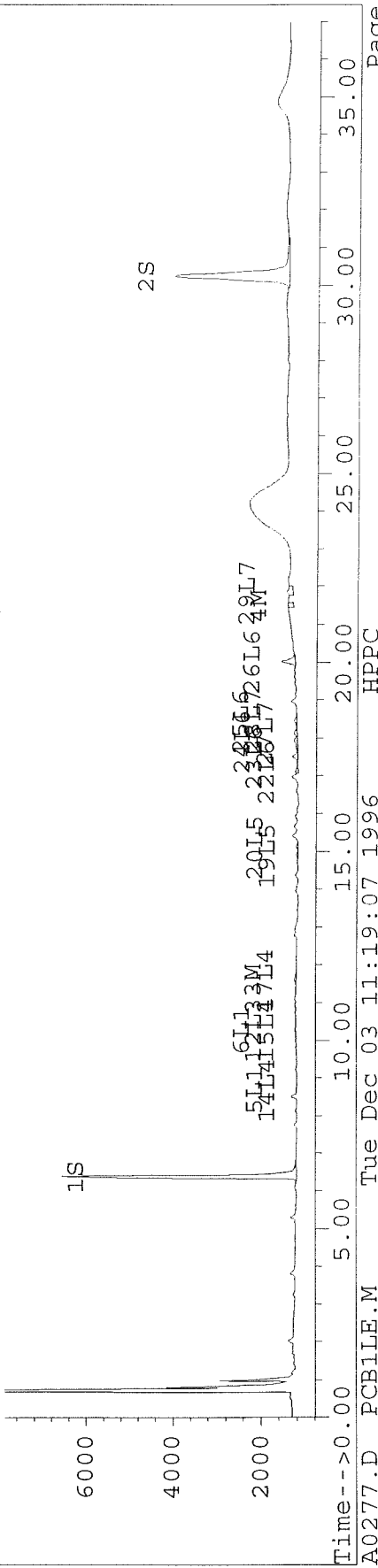
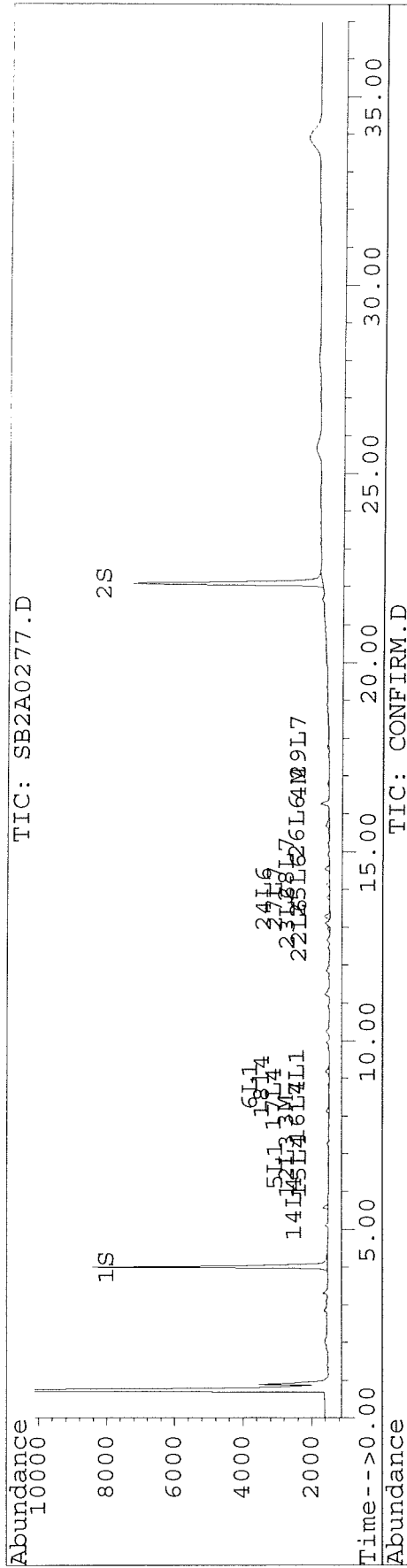
694

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0277.D Vial: 26
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0277.D\CONFIRM.D
 Acq On : 03 Dec 96 10:38 AM Operator: JS
 Sample : 8080,VHB, C995-131, DD1 Inst : SB2
 Misc : 15.0g, 25mL, 95% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 11:17 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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



095

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0278.D Vial: 27
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0278.D\CONFIRM.D
 Acq On : 03 Dec 96 11:19 AM Operator: JS
 Sample : 8080,VHB, C995-132, DG6 Inst : SB2
 Misc : 15.5g, 25mL, 93% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 11:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	7950	5905	41.130	38.362
			Recovery	=	102.83%	95.91%
2) S Decachlorobiphenyl	22.09	30.25	5851	2946	36.982	39.797
			Recovery	=	92.46%	99.49%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.12	11.61	5733	3254	76.793	49.224 #
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	676	752	5.203	6.191
5) L1 Aroclor-1016	6.70	0.00	1600	0	65.078	N.D. #
6) L1 Aroclor-1016 {2}	8.81	10.27	1582	1026	131.861	48.318 #
7) L1 Aroclor-1016 {3}	9.20	12.16	3027	1016	158.475	84.438 #
Total Aroclor-1016			6209	2042	355.414	132.755
Average Aroclor-1016					118.471	66.378
8) L2 Aroclor-1221	5.09f	0.00	503	0	71.833	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.60f	0.00	979	0	48.445	N.D. #
Total Aroclor-1221			1482	0	120.278	N.D.
Average Aroclor-1221					60.139	0.000
11) L3 Aroclor-1232	5.60f	0.00	979	0	53.665	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			979	0	53.665	N.D.
Average Aroclor-1232					53.665	0.000
14) L4 Aroclor-1242	5.60	0.00	979	0	61.382	N.D. #
15) L4 Aroclor-1242 {2}	6.70	10.27	1600	1026	54.037	40.094 #
16) L4 Aroclor-1242 {3}	8.12	11.32	5733	546	137.874	50.865 #
17) L4 Aroclor-1242 (4)	8.49	11.61	938	3254	54.382	100.244 #
18) L4 Aroclor-1242 (5)	8.81	12.16	1582	1016	112.667	70.892 #
Total Aroclor-1242			10832	5842	420.341	262.095
Average Aroclor-1242					84.068	65.524
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

696

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0278.D Vial: 27
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0278.D\CONFIRM.D
 Acq On : 03 Dec 96 11:19 AM Operator: JS
 Sample : 8080,VHB, C995-132, DG6 Inst : SB2
 Misc : 15.5g, 25mL, 93% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 11:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	1053	1460	44.921	69.506 #
23) L6 Aroclor-1254 {2}	13.29	17.50	2471	2352	50.340	49.723
24) L6 Aroclor-1254 {3}	13.78	0.00	1286	0	55.516	N.D. #
25) L6 Aroclor-1254 (4)	14.13	18.45	1663	1329	54.758	68.780 #
26) L6 Aroclor-1254 (5)	15.67	19.99	1846	1824	50.708	61.095
Total Aroclor-1254			8319	6965	256.245	249.103
Average Aroclor-1254					51.249	62.276
27) L7 Aroclor-1260	13.78	0.00	1286	0	50.632	N.D. #
28) L7 Aroclor-1260 {2}	14.57	18.45	1591	1329	55.052	49.316
29) L7 Aroclor-1260 {3}	17.77	21.87	487	749	12.057	18.350 #
Total Aroclor-1260			3364	2078	117.740	67.665
Average Aroclor-1260					39.247	33.833
30) L8 Aroclor-1268	18.89	23.35f	361	475	NoCal	110.573 #
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	475	N.D.	110.573
Average Aroclor-1268					0.000	110.573

$$AR1242 = \frac{250 \times \frac{5}{2} \times 25}{15.5 \times 0.93} = 1083$$

$$AR1257 = \frac{256 \times 25}{15.5 \times 0.93} = 440$$

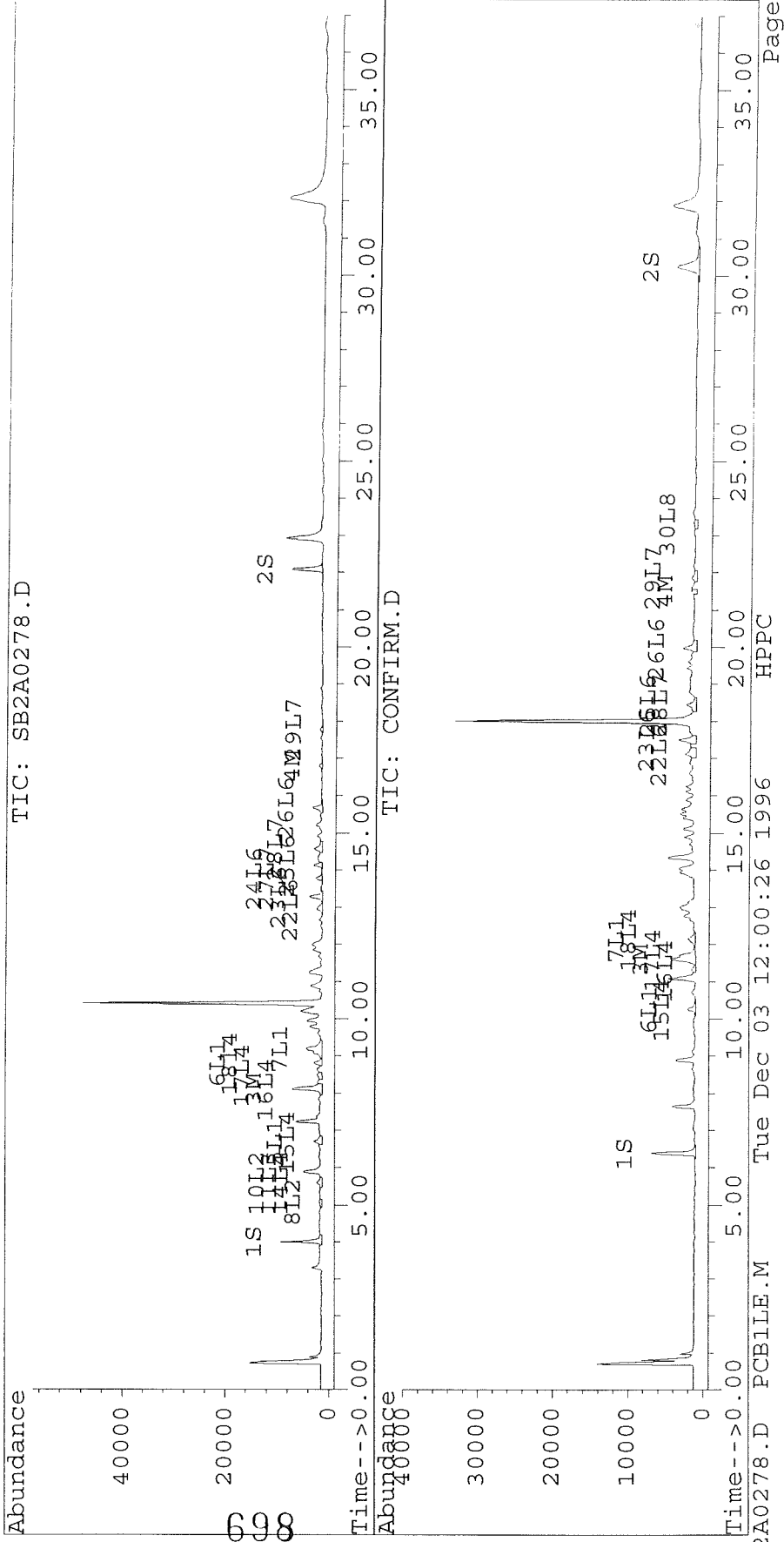
$$MRL = 170/350 = 697$$

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0278.D Vial: 27
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0278.D\CONFIRM.D
 Acq On : 03 Dec 96 11:19 AM Operator: JS
 Sample : 8080,VHB, C995-132, DG6 Inst : SB2
 Misc : 15.5g, 25mL, 93% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 11:58 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0279.D Vial: 28
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0279.D\CONFIRM.D
 Acq On : 03 Dec 96 12:00 PM Operator: JS
 Sample : 8080,VHB, C995-133, DI2 Inst : SB2
 Misc : 15.5g, 25mL, 88% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 12:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.38	8418	6390	43.550	41.509
			Recovery	=	108.88%	<u>103.77%</u>
2) S Decachlorobiphenyl	22.09	30.25	6941	3266	43.868	44.114
			Recovery	=	<u>109.67%</u>	110.29%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	94528	68700	1266.132	1039.184
4) M 2,2',3,3',4,4'-Hexa	16.80	21.50	34419	25300	264.843	208.193
5) L1 Aroclor-1016	6.69	8.74	21287	3469	865.685	366.243 #
6) L1 Aroclor-1016 {2}	8.81	10.26	27813	18351	2318.734	864.333 #
7) L1 Aroclor-1016 {3}	9.19	12.18	64531	10770	3378.353	895.201 #
Total Aroclor-1016			113631	32591	6562.771	2125.777
Average Aroclor-1016					2187.590	708.592
8) L2 Aroclor-1221	5.08	0.00	1271	0	181.355	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			1271	0	181.355	N.D.
Average Aroclor-1221					181.355	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	5.58	8.74	10591	3469	664.115	268.632 #
15) L4 Aroclor-1242 {2}	6.69	10.26	21287	18351	718.808	717.218
16) L4 Aroclor-1242 {3}	8.11	11.31	94528	9782	2273.189	911.220 #
17) L4 Aroclor-1242 (4)	8.49	11.60	13217	68700	766.197	2116.289 #
18) L4 Aroclor-1242 (5)	8.81	12.18	27813	10770	1981.209	751.587 #
Total Aroclor-1242			167436	111073	6403.518	4764.945
Average Aroclor-1242					1280.704	952.989
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0279.D Vial: 28
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0279.D\CONFIRM.D
 Acq On : 03 Dec 96 12:00 PM Operator: JS
 Sample : 8080,VHB, C995-133, DI2 Inst : SB2
 Misc : 15.5g, 25mL, 88% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 12:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	58236	52134	2484.673	2482.544
23) L6 Aroclor-1254 {2}	13.29	17.50	113703	102361	2316.223	2164.007
24) L6 Aroclor-1254 {3}	13.78	17.93	52946	73174	2285.193	2550.942
25) L6 Aroclor-1254 (4)	14.12	18.45	78609	44431	2589.116	2299.927
26) L6 Aroclor-1254 (5)	15.67	19.98	90962	73724	2497.995	2468.948
Total Aroclor-1254			394456	345824	12173.200	11966.368
Average Aroclor-1254					2434.640	2393.274
27) L7 Aroclor-1260	13.78	18.13	52946	37181	2084.125	1546.539
28) L7 Aroclor-1260 {2}	14.57	18.45	46660	44431	1614.085	1649.063
29) L7 Aroclor-1260 {3}	17.77	21.86	21235	18933	525.929	463.851
Total Aroclor-1260			120840	100546	4224.139	3659.454
Average Aroclor-1260					1408.046	1219.818
30) L8 Aroclor-1268	18.88	23.33	15535	3502	NoCal	815.417 #
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	3502	N.D.	815.417
Average Aroclor-1268					0.000	815.417

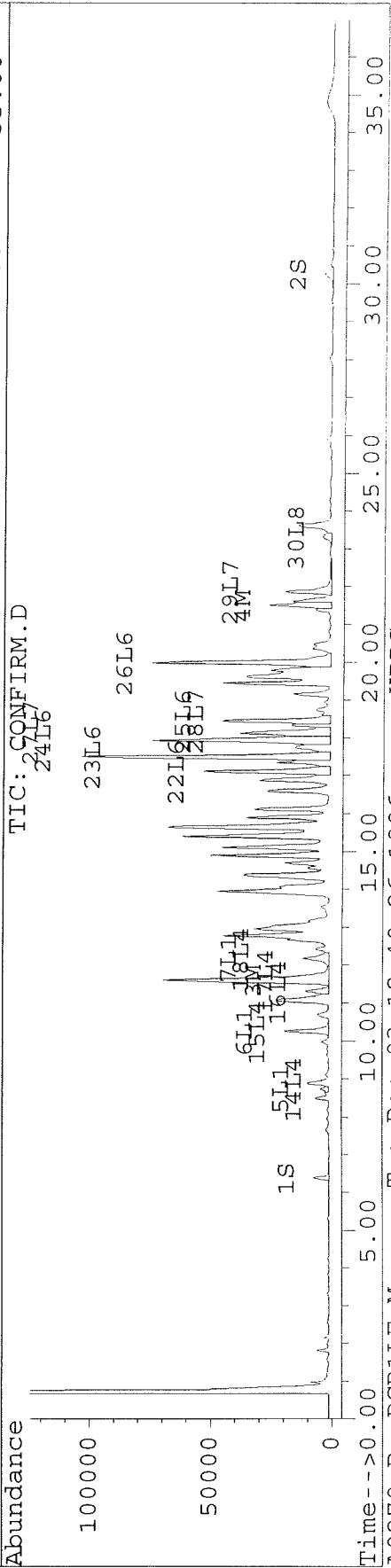
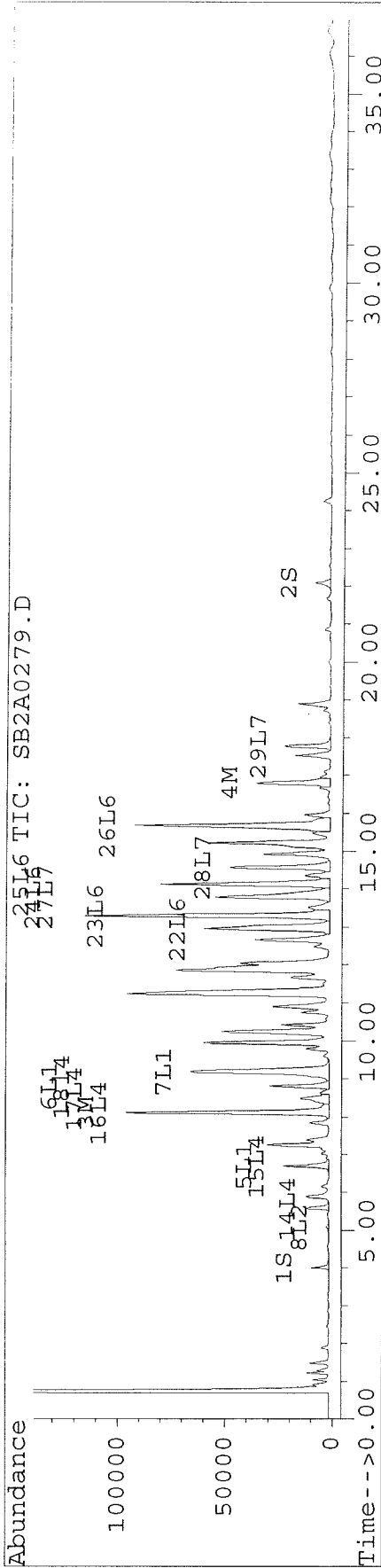
MRL = 180 / 370
700

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0279.D Vial: 28
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0279.D\CONFIRM.D
 Acq On : 03 Dec 96 12:00 PM Operator: JS
 Sample : 8080,VHB, C995-133, DI2 Inst : SB2
 Misc : 15.5g, 25mL, 88% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 12:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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



701

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0299.D Vial: 48
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0299.D\CONFIRM.D
 Acq On : 04 Dec 96 01:42 AM Operator: JS
 Sample : 8080,VHB, C995-133, DI2 Inst : SB2
 Misc : 15.5g, 25mL, 88% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 4 2:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	1662	1262	8.597	8.196
			Recovery	=	21.49%	20.49%
2) S Decachlorobiphenyl	22.09	30.25	1680	794	10.621	10.722
			Recovery	=	26.55%	26.81%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	23310	16441	312.227	248.696
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	7568	5337	58.238	43.917
5) L1 Aroclor-1016	6.70	8.75	5606	817	227.968	86.199 #
6) L1 Aroclor-1016 {2}	8.82	10.27	6229	4869	519.278	229.312 #
7) L1 Aroclor-1016 {3}	9.18	12.19	17863	2584	935.157	214.755 #
Total Aroclor-1016			29697	8269	1682.404	530.265
Average Aroclor-1016					560.801	176.755
8) L2 Aroclor-1221	5.08	7.97f	292	193	41.685	31.516
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	817	N.D.	53.190 #
Total Aroclor-1221			292	1009	41.685	84.706
Average Aroclor-1221					41.685	42.353
11) L3 Aroclor-1232	0.00	8.75f	0	817	N.D.	56.982 #
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	817	N.D.	56.982
Average Aroclor-1232					0.000	56.982
14) L4 Aroclor-1242	5.58	8.75	2218	817	139.100	63.225 #
15) L4 Aroclor-1242 {2}	6.70	10.27	5606	4869	189.290	190.281
16) L4 Aroclor-1242 {3}	8.11	11.32	23310	2359	<u>560.566</u>	219.702 #
17) L4 Aroclor-1242 (4)	8.49	11.61	3114	16441	180.494	506.467 #
18) L4 Aroclor-1242 (5)	8.82	12.19	6229	2584	<u>443.690</u>	180.302 #
Total Aroclor-1242			40477	27069	1513.141	1159.978
Average Aroclor-1242					302.628	231.996
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

702

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0299.D Vial: 48
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0299.D\CONFIRM.D
 Acq On : 04 Dec 96 01:42 AM Operator: JS
 Sample : 8080,VHB, C995-133, DI2 Inst : SB2
 Misc : 15.5g, 25mL, 88% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 4 2:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	13950	12306	595.184	585.972
23) L6 Aroclor-1254 {2}	13.29	17.50	29048	26933	591.728	569.386
24) L6 Aroclor-1254 {3}	13.78	17.94	13392	17945	578.019	625.599
25) L6 Aroclor-1254 (4)	14.13	18.45	19010	11353	626.111	587.677
26) L6 Aroclor-1254 (5)	15.68	19.99	22340	18039	613.496	604.100
Total Aroclor-1254			97739	86576	3004.539	2972.734
Average Aroclor-1254					600.908	594.547
27) L7 Aroclor-1260	13.78	18.13	13392	9750	527.161	405.560
28) L7 Aroclor-1260 {2}	14.57	18.45	12094	11353	418.353	421.368
29) L7 Aroclor-1260 {3}	17.77	21.86	4588	4252	113.622	104.178
Total Aroclor-1260			30073	25356	1059.136	931.106
Average Aroclor-1260					353.045	310.369
30) L8 Aroclor-1268	18.89	23.32	3286	835	NoCal	194.473 #
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	835	N.D.	194.473
Average Aroclor-1268					0.000	194.473

AR1242 - ibx 2pk

$$\frac{1004 \times \frac{5 \times 25 \times 5}{2}}{15.5 \times 0.88} = 23,000$$

AR1254 =

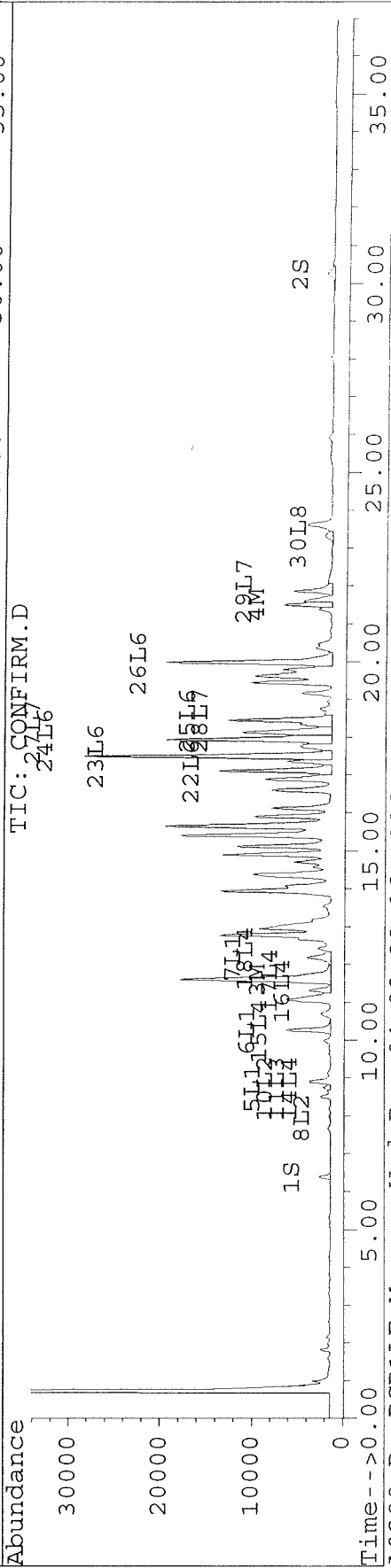
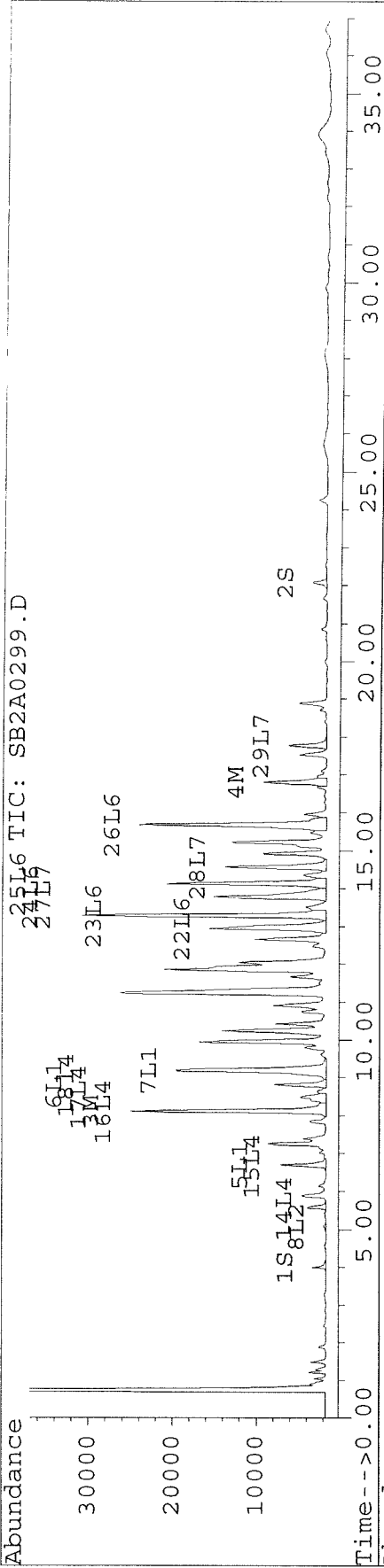
$$\frac{2972 \times 25 \times 5}{15.5 \times 0.88} = 2724$$

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0299.D Vial: 48
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0299.D\CONFIRM.D
 Acq On : 04 Dec 96 01:42 AM Operator: JS
 Sample : 8080,VHB, C995-133, DI2 Inst : SB2
 Misc : 15.5g, 25mL, 88% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 4 2:21 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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



704

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0280.D Vial: 29
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0280.D\CONFIRM.D
 Acq On : 03 Dec 96 12:41 PM Operator: JS
 Sample : 8080,VHB, C995-134, DK01 Inst : SB2
 Misc : 15.0g, 25mL, 92% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 13:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	9059	6794	46.867	44.138
			Recovery	=	117.17%	<u>110.35%</u>
2) S Decachlorobiphenyl	22.09	30.25	6940	3182	43.864	42.987
			Recovery	=	109.66%	<u>107.47%</u>
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	75585	54494	1012.410	824.303
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	12398	8646	95.401	71.151 #
5) L1 Aroclor-1016	6.69	8.74	15167	2640	616.812	278.631 #
6) L1 Aroclor-1016 {2}	8.81	10.26	23859	13282	1989.078	625.563 #
7) L1 Aroclor-1016 {3}	9.20	12.18	40860	9724	2139.156	808.209 #
Total Aroclor-1016			79887	25645	4745.046	1712.403
Average Aroclor-1016					1581.682	570.801
8) L2 Aroclor-1221	5.09f	0.00	253	0	36.139	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			253	0	36.139	N.D.
Average Aroclor-1221					36.139	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	5.59	8.74	6369	2640	399.394	204.370 #
15) L4 Aroclor-1242 {2}	6.69	10.26	15167	13282	512.161	519.087
16) L4 Aroclor-1242 {3}	8.11	11.32	75585	7022	1817.663	654.135 #
17) L4 Aroclor-1242 (4)	8.49	11.60	10798	54494	626.002	1678.686 #
18) L4 Aroclor-1242 (5)	8.81	12.18	23859	9724	1699.539	678.551 #
Total Aroclor-1242			131779	87161	5054.760	3734.829
Average Aroclor-1242					1010.952	746.966
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0280.D Vial: 29
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0280.D\CONFIRM.D
 Acq On : 03 Dec 96 12:41 PM Operator: JS
 Sample : 8080,VHB, C995-134, DK01 Inst : SB2
 Misc : 15.0g, 25mL, 92% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 13:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	23781	20668	1014.644	984.199
23) L6 Aroclor-1254 {2}	13.29	17.50	47285	43079	963.239	910.723
24) L6 Aroclor-1254 {3}	13.78	17.93	22186	28412	957.583	990.499
25) L6 Aroclor-1254 (4)	14.13	18.45	30728	17601	1012.072	911.089
26) L6 Aroclor-1254 (5)	15.67	19.98	35326	28249	970.122	946.034
Total Aroclor-1254			159307	138010	4917.660	<u>4742.544</u>
Average Aroclor-1254					983.532	948.509
27) L7 Aroclor-1260	13.78	18.13	22186	15753	873.328	655.228
28) L7 Aroclor-1260 {2}	14.57	18.45	19393	17601	670.841	653.257
29) L7 Aroclor-1260 {3}	17.77	21.86	8565	7966	212.136	195.149
Total Aroclor-1260			50144	41319	1756.305	1503.634
Average Aroclor-1260					585.435	501.211
30) L8 Aroclor-1268	18.88	23.33	6568	1912	NoCal	445.258 #
31) L8 Aroclor-1268 {2}	0.00	23.47f	0	1141	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	1912	N.D.	445.258
Average Aroclor-1268					0.000	445.258

AR1254

$$= \frac{4742 \times 25}{15 \times 0.92} = 8600$$

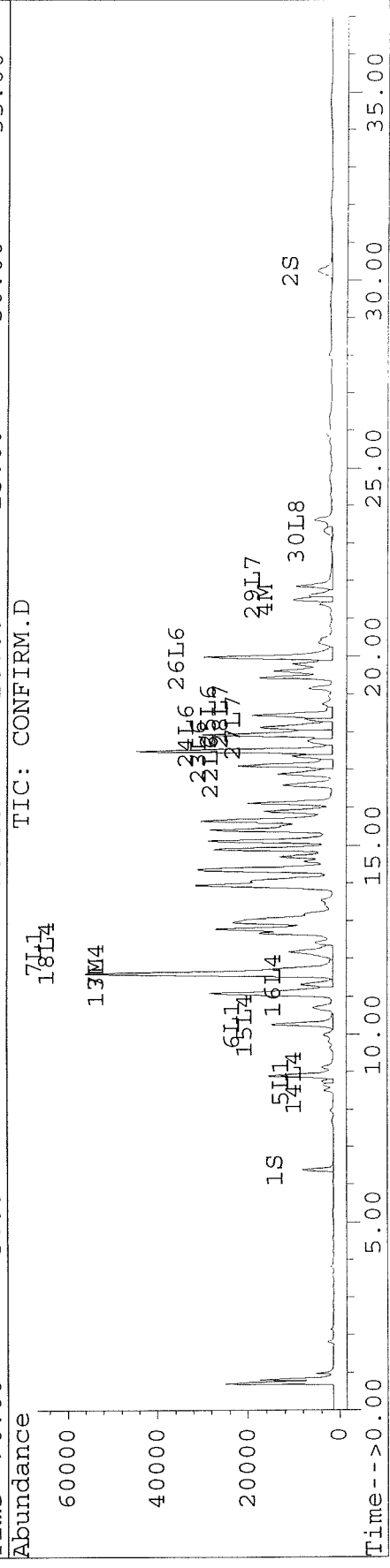
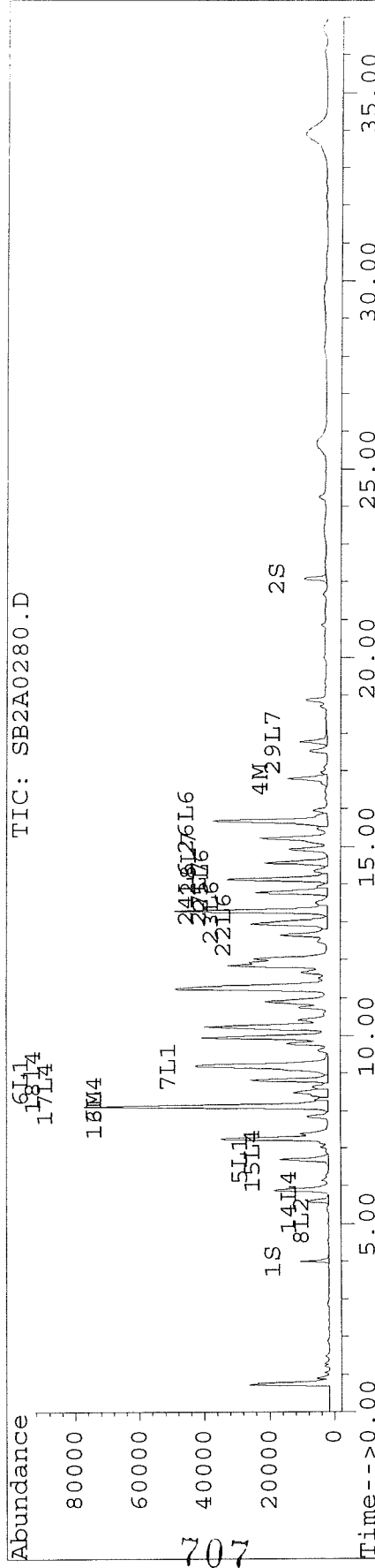
MRL = 184/36 = 706

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0280.D Vial: 29
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0280.D\CONFIRM.D
 Acq On : 03 Dec 96 12:41 PM Operator: JS
 Sample : 8080,VHB, C995-134, DK01 Inst : SB2
 Misc : 15.0g, 25mL, 92% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 13:20 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0300.D Vial: 49
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0300.D\CONFIRM.D
 Acq On : 04 Dec 96 02:23 AM Operator: JS
 Sample : 8080,VHB, C995-134, DK01 Inst : SB2
 Misc : 15.0g, 25mL, 92% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 4 3:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	1510	1198	7.810	7.780
			Recovery	=	19.53%	19.45%
2) S Decachlorobiphenyl	22.09	30.26	1549	716	9.791	9.668
			Recovery	=	24.48%	24.17%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	17116	11820	229.263	178.798
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	2537	1789	19.524	14.720
5) L1 Aroclor-1016	6.70	8.75	3625	570	147.426	60.220 #
6) L1 Aroclor-1016 {2}	8.82	10.27	4878	3183	406.693	149.936 #
7) L1 Aroclor-1016 {3}	9.20	12.18	10526	2223	551.056	184.753 #
Total Aroclor-1016			19029	5977	1105.175	394.910
Average Aroclor-1016					368.392	131.637
8) L2 Aroclor-1221	5.01f	7.97f	60	147	8.601	23.959 #
9) L2 Aroclor-1221 {2}	5.42f	0.00	135	0	23.159	N.D. #
10) L2 Aroclor-1221 {3}	5.60f	8.75f	1337	570	66.188	37.160 #
Total Aroclor-1221			1533	717	97.949	61.119
Average Aroclor-1221					32.650	30.559
11) L3 Aroclor-1232	5.60f	8.75f	1337	570	73.321	39.809 #
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	3183	N.D.	264.978 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			1337	3754	73.321	304.787
Average Aroclor-1232					73.321	152.394
14) L4 Aroclor-1242	5.60	8.75	1337	570	83.863	44.170 #
15) L4 Aroclor-1242 {2}	6.70	10.27	3625	3183	122.413	124.416
16) L4 Aroclor-1242 {3}	8.11	11.32	17116	1553	411.615	144.638 #
17) L4 Aroclor-1242 (4)	8.49	11.61	2386	11820	138.335	364.121 #
18) L4 Aroclor-1242 (5)	8.82	12.18	4878	2223	347.493	155.114 #
Total Aroclor-1242			29344	19350	1103.719	832.459
Average Aroclor-1242					220.744	166.492
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0300.D Vial: 49
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0300.D\CONFIRM.D
 Acq On : 04 Dec 96 02:23 AM Operator: JS
 Sample : 8080,VHB, C995-134, DK01 Inst : SB2
 Misc : 15.0g, 25mL, 92% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 4 3:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	5055	4325	215.664	205.937
23) L6 Aroclor-1254 {2}	13.29	17.50	10867	9908	221.367	209.461
24) L6 Aroclor-1254 {3}	13.79	17.94	5132	6094	221.514	212.445
25) L6 Aroclor-1254 (4)	14.13	18.45	6618	4089	217.966	211.679
26) L6 Aroclor-1254 (5)	15.68	19.99	7632	6080	209.588	203.600
Total Aroclor-1254			35304	30495	1086.100	1043.121
Average Aroclor-1254					217.220	208.624
27) L7 Aroclor-1260	13.79	18.13	5132	3753	202.024	156.099
28) L7 Aroclor-1260 {2}	14.57	18.45	4549	4089	157.353	151.775
29) L7 Aroclor-1260 {3}	17.77	21.87	1765	1699	43.723	41.635
Total Aroclor-1260			11446	9542	403.101	349.509
Average Aroclor-1260					134.367	116.503
30) L8 Aroclor-1268	18.89	23.33	1308	451	NoCal	104.992 #
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	451	N.D.	104.992
Average Aroclor-1268					0.000	104.992

AR1242 - use 2 pts

$$\frac{759 \times \frac{5}{2} \times 5 \times 25}{15 \times 0.92} = 17,188$$

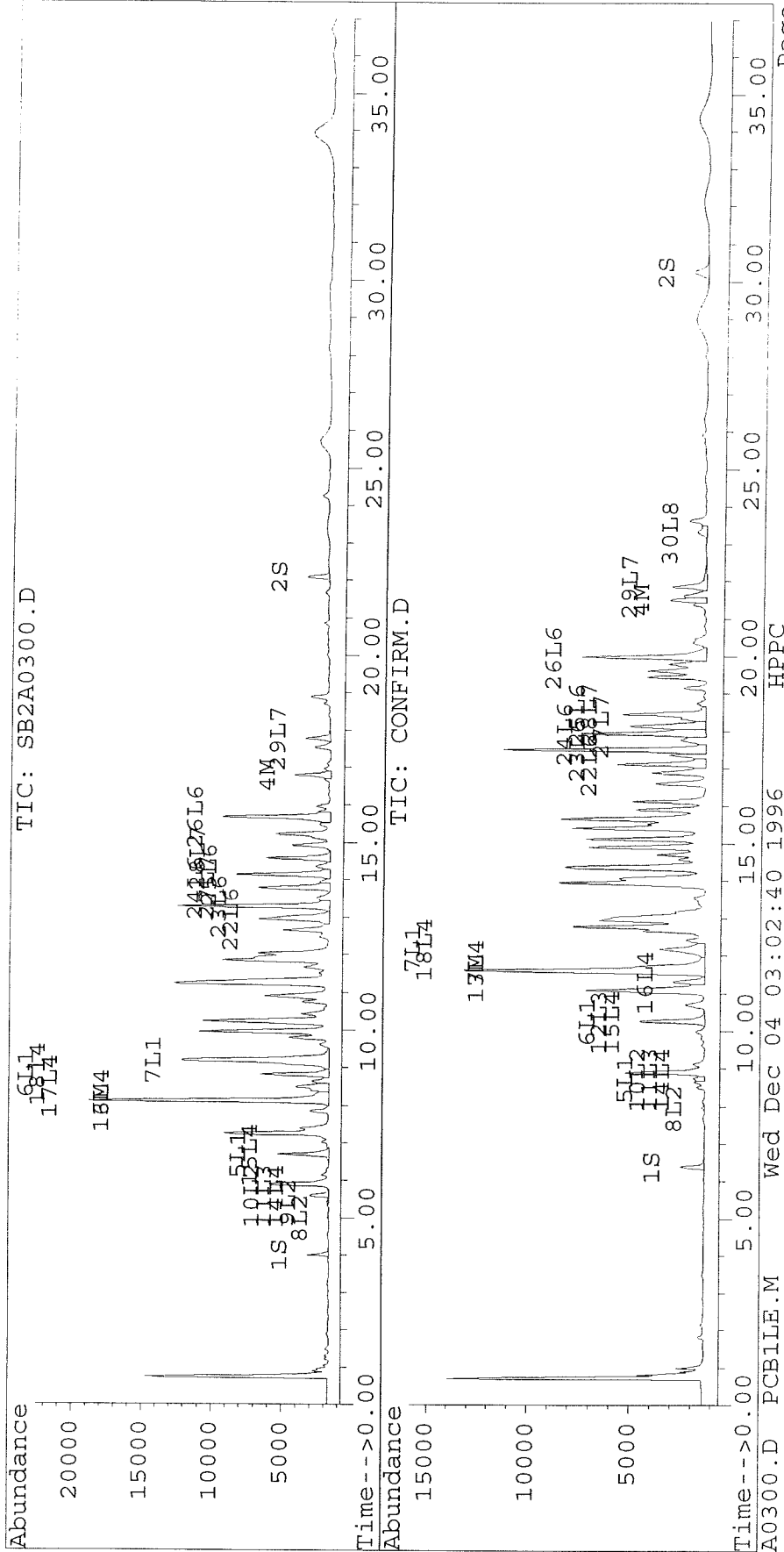
709

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0300.D Vial: 49
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0300.D\CONFIRM.D
 Acq On : 04 Dec 96 02:23 AM Operator: JS
 Sample : 8080,VHB, C995-134, DK01 Inst : SB2
 Misc : 15.0g, 25mL, 92% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 4 3:01 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\02Dec96\SB2A0281.D Vial: 30
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0281.D\CONFIRM.D
 Acq On : 03 Dec 96 01:21 PM Operator: JS
 Sample : 8080,VHB, C995-67R, PG4 Inst : SB2
 Misc : 15.1g, 25mL, 90% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 14:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	6743	5371	34.885	34.892
			Recovery	=	87.21%	<u>87.23%</u>
2) S Decachlorobiphenyl	22.09	30.25	6072	3100	38.379	41.873
			Recovery	=	<u>95.95%</u>	104.68%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	216134	156791	2894.958	2371.699
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	29012	21688	223.241	178.470
5) L1 Aroclor-1016	6.69	8.74	62171	13683	2528.348	1444.398
6) L1 Aroclor-1016 {2}	8.81	10.26	70557	52936	5882.142	2493.246
7) L1 Aroclor-1016 {3}	9.20	12.18	100683	35620	5271.040	2960.666
Total Aroclor-1016			233411	102239	13681.530	6898.310
Average Aroclor-1016					4560.510	2299.437
8) L2 Aroclor-1221	5.00f	7.97f	2169	2200	309.533	359.702
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			2169	2200	309.533	359.702
Average Aroclor-1221					309.533	359.702
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	5.59	8.74	21745	13683	1363.568	1059.437
15) L4 Aroclor-1242 {2}	6.69	10.26	62171	52936	2099.376	2068.877
16) L4 Aroclor-1242 {3}	8.11	11.32	216134	30364	5197.554	2828.433
17) L4 Aroclor-1242 (4)	8.49	11.60	41439	156791	2402.282	4829.946
18) L4 Aroclor-1242 (5)	8.81	12.18	70557	35620	5025.912	2485.697
Total Aroclor-1242			412047	289394	16088.692	13272.390
Average Aroclor-1242					3217.738	2654.478
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0281.D Vial: 30
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0281.D\CONFIRM.D
 Acq On : 03 Dec 96 01:21 PM Operator: JS
 Sample : 8080, VHB, C995-67R, PG4 Inst : SB2
 Misc : 15.1g, 25mL, 90% Solid, no dilution Multiplr: 1.00
 Quant Time: Dec 3 14:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	53160	46980	2268.123	2237.107
23) L6 Aroclor-1254 {2}	13.29	17.50	101777	92518	2073.274	1955.918
24) L6 Aroclor-1254 {3}	13.78	17.93	47793	68105	2062.791	2374.247
25) L6 Aroclor-1254 (4)	14.12	18.45	73360	38600	2416.234	1998.100
26) L6 Aroclor-1254 (5)	15.67	19.98	79350	64672	2179.089	2165.801
Total Aroclor-1254			355440	310876	10999.511	10731.173
Average Aroclor-1254					2199.902	2146.235
27) L7 Aroclor-1260	13.78	18.13	47793	33178	1881.291	1380.015
28) L7 Aroclor-1260 {2}	14.57	18.45	41536	38600	1436.838	1432.651
29) L7 Aroclor-1260 {3}	17.77	21.86	18507	17386	458.365	425.940
Total Aroclor-1260			107835	89164	3776.495	3238.606
Average Aroclor-1260					1258.832	1079.535
30) L8 Aroclor-1268	18.88	23.35f	14445	6640	NoCal	1546.055 #
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	6640	N.D.	1546.055
Average Aroclor-1268					0.000	1546.055

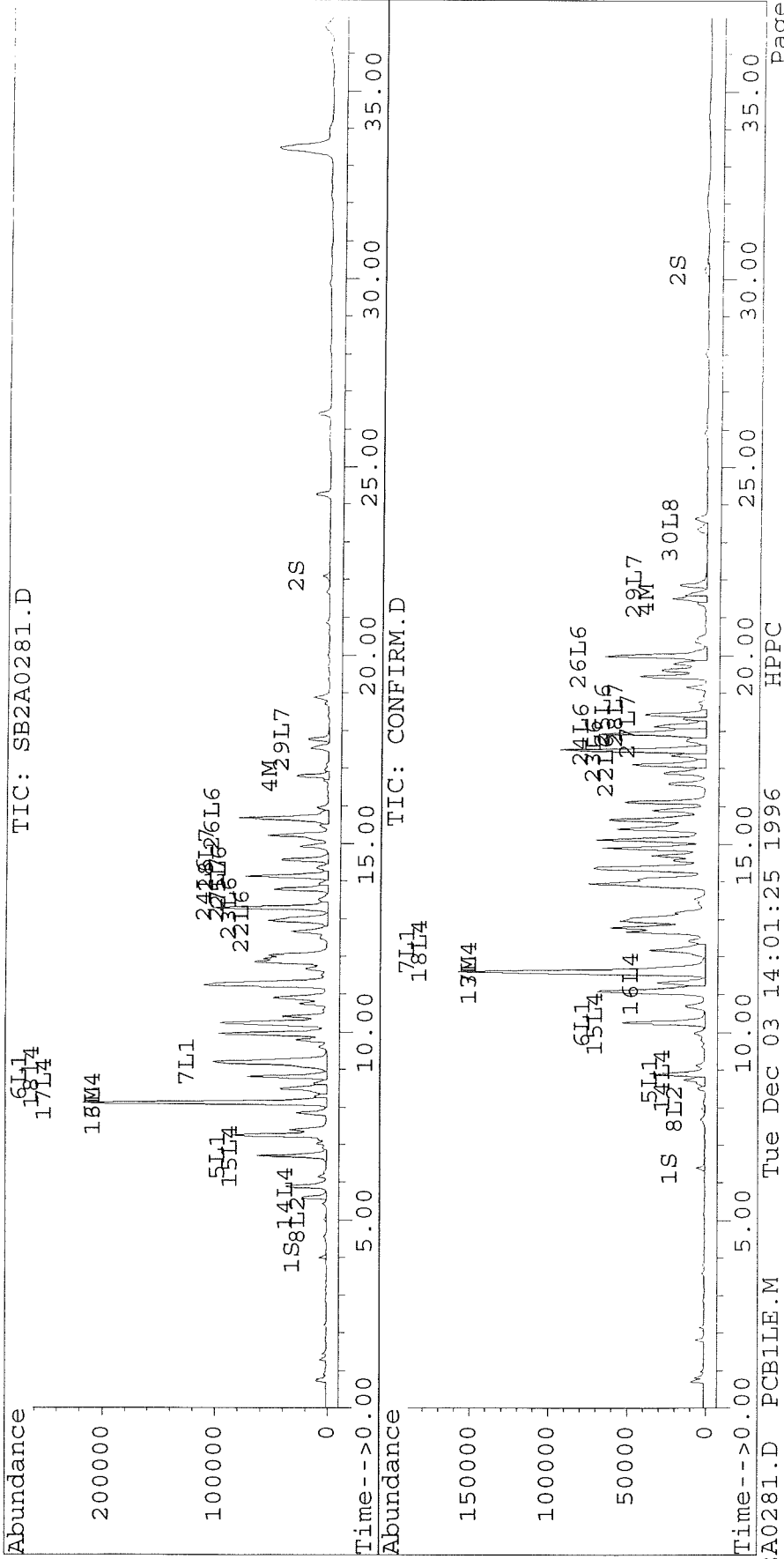
71 MARL = 180/370

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0281.D Vial: 30
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0281.D\CONFIRM.D
Acq On : 03 Dec 96 01:21 PM Operator: JS
Sample : 8080,VHB, C995-67R, PG4 Inst : SB2
Misc : 15.1g, 25mL, 90% Solid, no dilution Multiplr: 1.00
Quant Time: Dec 3 14:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
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



713

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0301.D Vial: 50
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0301.D\CONFIRM.D
 Acq On : 04 Dec 96 03:03 AM Operator: JS
 Sample : 8080,VHB, C995-67R, PG4 Inst : SB2
 Misc : 15.1g, 25mL, 90% Solid, 10X dilution Multiplr: 1.00
 Quant Time: Dec 4 3:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	651	523	3.369	3.397
			Recovery	=	8.42%	8.49%
2) S Decachlorobiphenyl	22.09	30.26	662	436	4.183	5.890 #
			Recovery	=	10.46%	14.73%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	27612	19228	369.838	290.846
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	2971	2201	22.864	18.116
5) L1 Aroclor-1016	6.70	8.75	8976	1765	365.026	186.263 #
6) L1 Aroclor-1016 {2}	8.82	10.27	7988	7618	665.910	358.822 #
7) L1 Aroclor-1016 {3}	9.20	12.19	14557	4367	762.083	362.968 #
Total Aroclor-1016			31520	13750	1793.019	908.053
Average Aroclor-1016					597.673	302.684
8) L2 Aroclor-1221	5.01f	7.98f	311	291	44.339	47.538
9) L2 Aroclor-1221 {2}	5.42f	0.00	527	0	90.342	N.D. #
10) L2 Aroclor-1221 {3}	5.59f	8.75f	2794	1765	138.291	114.936
Total Aroclor-1221			3632	2055	272.971	162.474
Average Aroclor-1221					90.990	81.237
11) L3 Aroclor-1232	5.59f	8.75f	2794	1765	153.193	123.131
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			2794	1765	153.193	123.131
Average Aroclor-1232					153.193	123.131
14) L4 Aroclor-1242	5.59	8.75	2794	1765	175.220	136.620
15) L4 Aroclor-1242 {2}	6.70	10.27	8976	7618	303.094	297.748
16) L4 Aroclor-1242 {3}	8.11	11.32	27612	3771	<u>664.001</u>	351.226 #
17) L4 Aroclor-1242 (4)	8.49	11.60	5109	19228	296.172	592.306 #
18) L4 Aroclor-1242 (5)	8.82	12.19	7988	4367	<u>568.977</u>	304.738 #
Total Aroclor-1242			52478	36748	2007.464	1682.638
Average Aroclor-1242					401.493	336.528
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

714

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0301.D Vial: 50
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0301.D\CONFIRM.D
 Acq On : 04 Dec 96 03:03 AM Operator: JS
 Sample : 8080,VHB, C995-67R, PG4 Inst : SB2
 Misc : 15.1g, 25mL, 90% Solid, 10X dilution Multiplr: 1.00
 Quant Time: Dec 4 3:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	5823	5029	248.431	239.484
23) L6 Aroclor-1254 {2}	13.29	17.50	12274	11105	250.040	234.766
24) L6 Aroclor-1254 {3}	13.78	17.94	5873	7620	253.498	265.661
25) L6 Aroclor-1254 (4)	14.13	18.45	8218	4732	270.661	244.957
26) L6 Aroclor-1254 (5)	15.68	19.99	8845	6974	242.907	233.558
Total Aroclor-1254			41033	35461	1265.537	<u>1218.427</u>
Average Aroclor-1254					253.107	243.685
27) L7 Aroclor-1260	13.78	18.13	5873	4244	231.194	176.532
28) L7 Aroclor-1260 {2}	14.57	18.45	5221	4732	180.620	175.636
29) L7 Aroclor-1260 {3}	17.77	21.87	2059	1888	50.998	46.244
Total Aroclor-1260			13154	10864	462.811	398.413
Average Aroclor-1260					154.270	132.804
30) L8 Aroclor-1268	18.89	0.00	1559	0	NoCal	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

AR1247 - *the 2 pts*

AR1254

$$\frac{1237 \times \frac{5}{2} \times 25 \times 10}{15.1 \times 0.9} = 56700$$

$$\frac{1218 \times 10 \times 25}{15.1 \times 0.9} = 22400$$

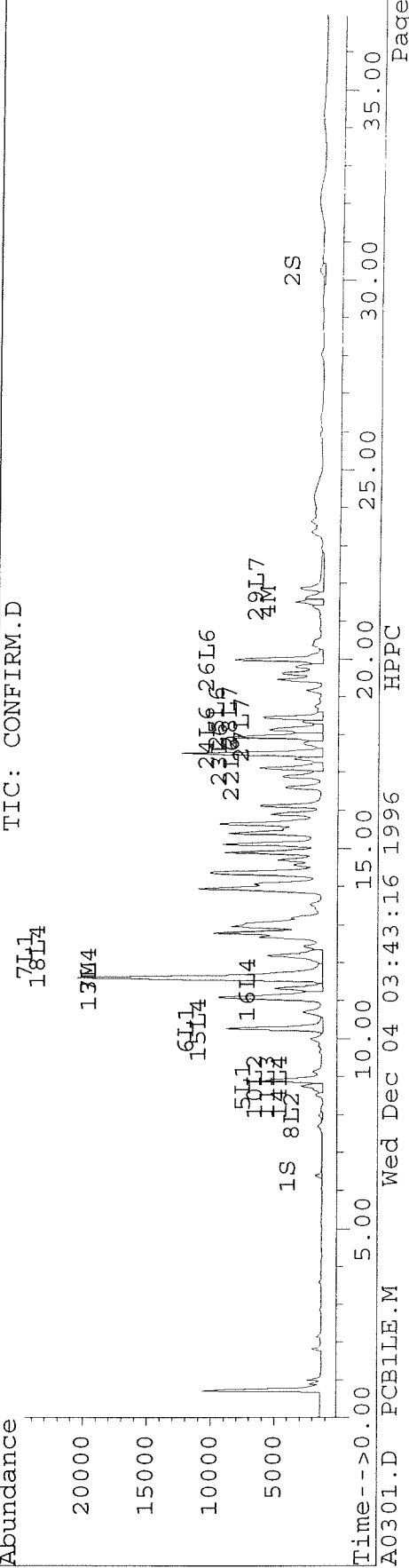
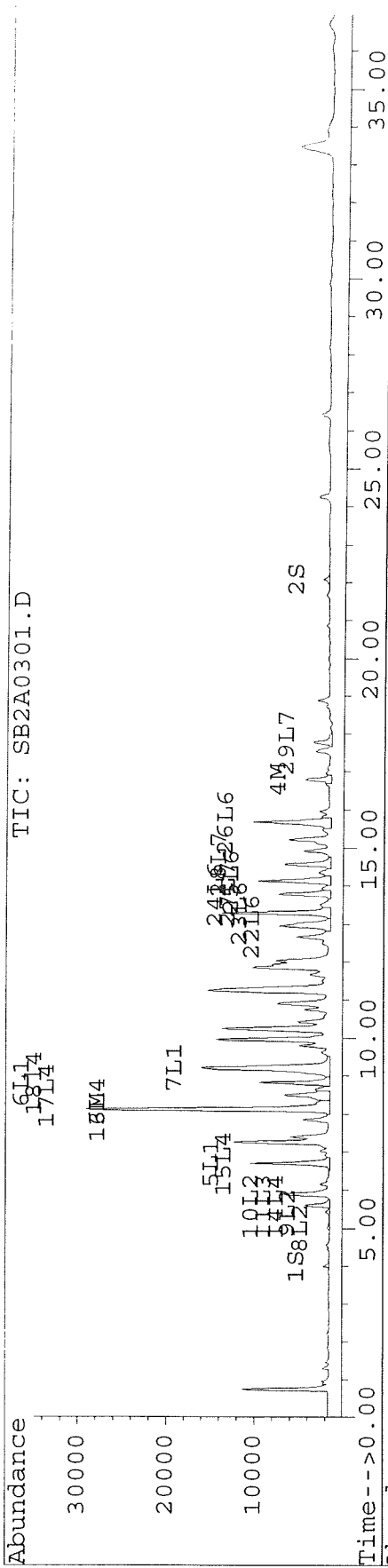
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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0301.D Vial: 50
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0301.D\CONFIRM.D
 Acq On : 04 Dec 96 03:03 AM Operator: JS
 Sample : 8080,VHB, C995-67R, PG4 Inst : SB2
 Misc : 15.1g, 25mL, 90% Solid, 10X dilution Multiplr: 1.00
 Quant Time: Dec 4 3:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0259.D Vial: 8
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0259.D\CONFIRM.D
 Acq On : 02 Dec 96 10:26 PM Operator: JS
 Sample : 8080,P1125-B1, soil method blank Inst : SB2
 Misc : 15.0g, 25mL, no dilution Multiplr: 1.00
 Quant Time: Dec 2 23:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	8807	6607	45.562	42.921
			Recovery	=	113.91%	<u>107.30%</u>
2) S Decachlorobiphenyl	22.09	30.25	6807	2999	43.021	40.506
			Recovery	=	107.55%	<u>101.27%</u>
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
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.
20) L5 Aroclor-1248 {2}	0.00	0.00	717	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0259.D Vial: 8
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0259.D\CONFIRM.D
 Acq On : 02 Dec 96 10:26 PM Operator: JS
 Sample : 8080,P1125-B1, soil method blank Inst : SB2
 Misc : 15.0g, 25mL, no dilution Multiplr: 1.00
 Quant Time: Dec 2 23:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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.	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

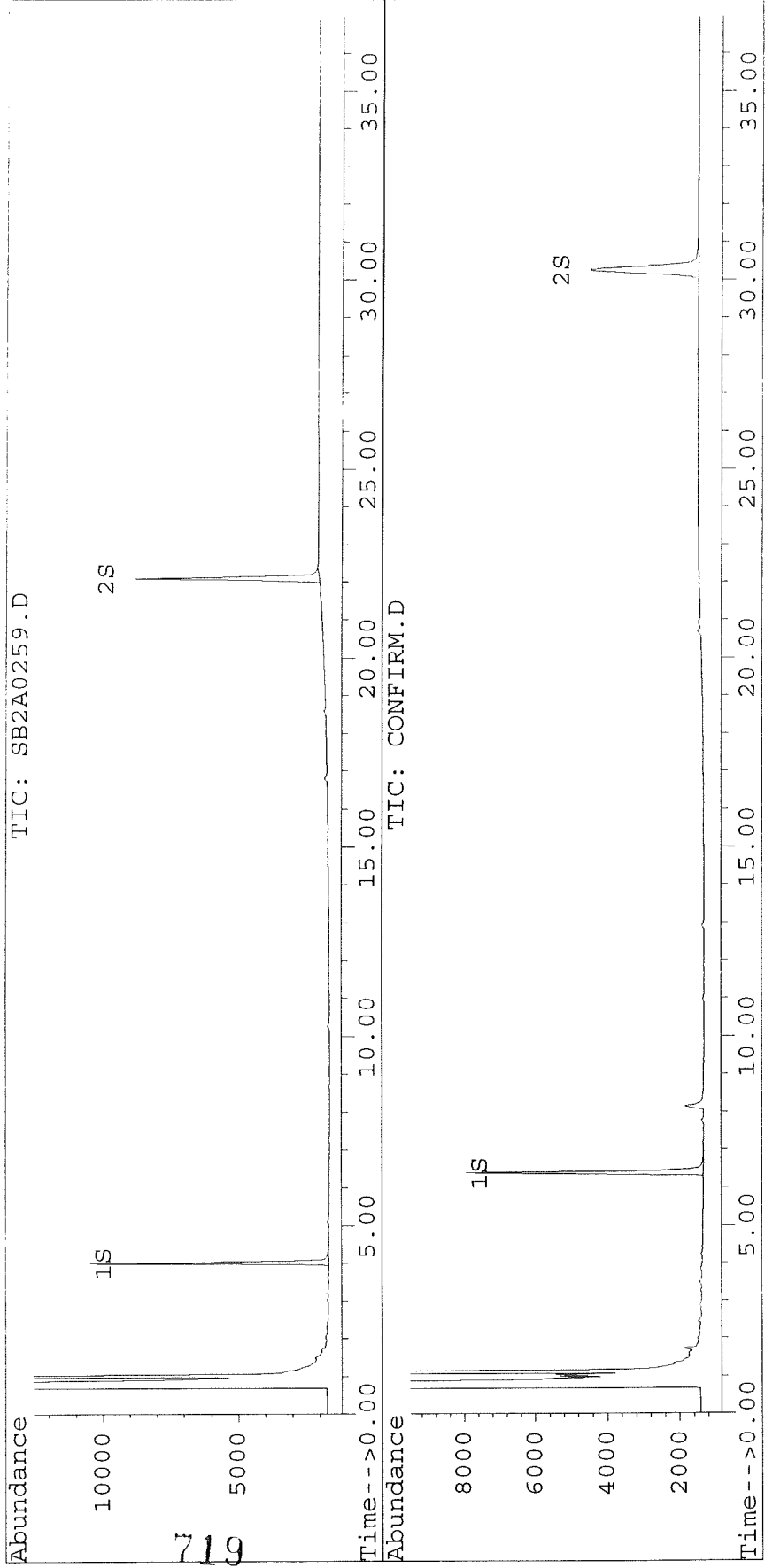
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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0259.D Vial: 8
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0259.D\CONFIRM.D
Acq On : 02 Dec 96 10:26 PM Operator: JS
Sample : 8080,P1125-B1, soil method blank Inst : SB2
Misc : 15.0g, 25mL, no dilution Multiplr: 1.00
Quant Time: Dec 2 23:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
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 : D:\HPCHEM\5\02Dec96\SB2A0260.D Vial: 9
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0260.D\CONFIRM.D
 Acq On : 02 Dec 96 11:07 PM Operator: JS
 Sample : 8080,P1125-LCS1, soil lab control sample Inst : SB2
 Misc : 15.0g, 25mL, no dilution Multiplr: 1.00
 Quant Time: Dec 2 23:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	9152	6725	47.348	43.690
			Recovery	=	118.37%	<u>109.23%</u>
2) S Decachlorobiphenyl	22.09	30.25	7232	3160	45.708	<u>42.683</u>
			Recovery	=	114.27%	<u>106.71%</u>
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.62	81672	71498	1093.939	<u>1081.510</u>
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	140222	129892	1078.979	<u>1068.890</u>
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.09f	0.00	183	0	26.125	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			183	0	26.125	N.D.
Average Aroclor-1221					26.125	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}	8.11	0.00	81672	0	1964.039	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.62	0	71498	N.D.	2202.486 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			81672	71498	1964.039	2202.486
Average Aroclor-1242					1964.039	2202.486
19) L5 Aroclor-1248	0.00	0.00	7020	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	15.13f	0	28	N.D.	1.339 #

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0260.D Vial: 9
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0260.D\CONFIRM.D
 Acq On : 02 Dec 96 11:07 PM Operator: JS
 Sample : 8080,P1125-LCS1, soil lab control sample Inst : SB2
 Misc : 15.0g, 25mL, no dilution Multiplr: 1.00
 Quant Time: Dec 2 23:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.32	0.00	30	0	0.970	N.D. #
Total Aroclor-1248			30	28	0.970	1.339
Average Aroclor-1248					0.970	1.339
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}	13.77	0.00	421	0	18.187	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			421	0	18.187	N.D.
Average Aroclor-1254					18.187	0.000
27) L7 Aroclor-1260	13.77	0.00	421	0	16.586	N.D. #
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
29) L7 Aroclor-1260 {3}	17.77	0.00	44	0	1.087	N.D. #
Total Aroclor-1260			465	0	17.673	N.D.
Average Aroclor-1260					8.837	0.000
30) L8 Aroclor-1268	18.90f	0.00	66	0	NoCal	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

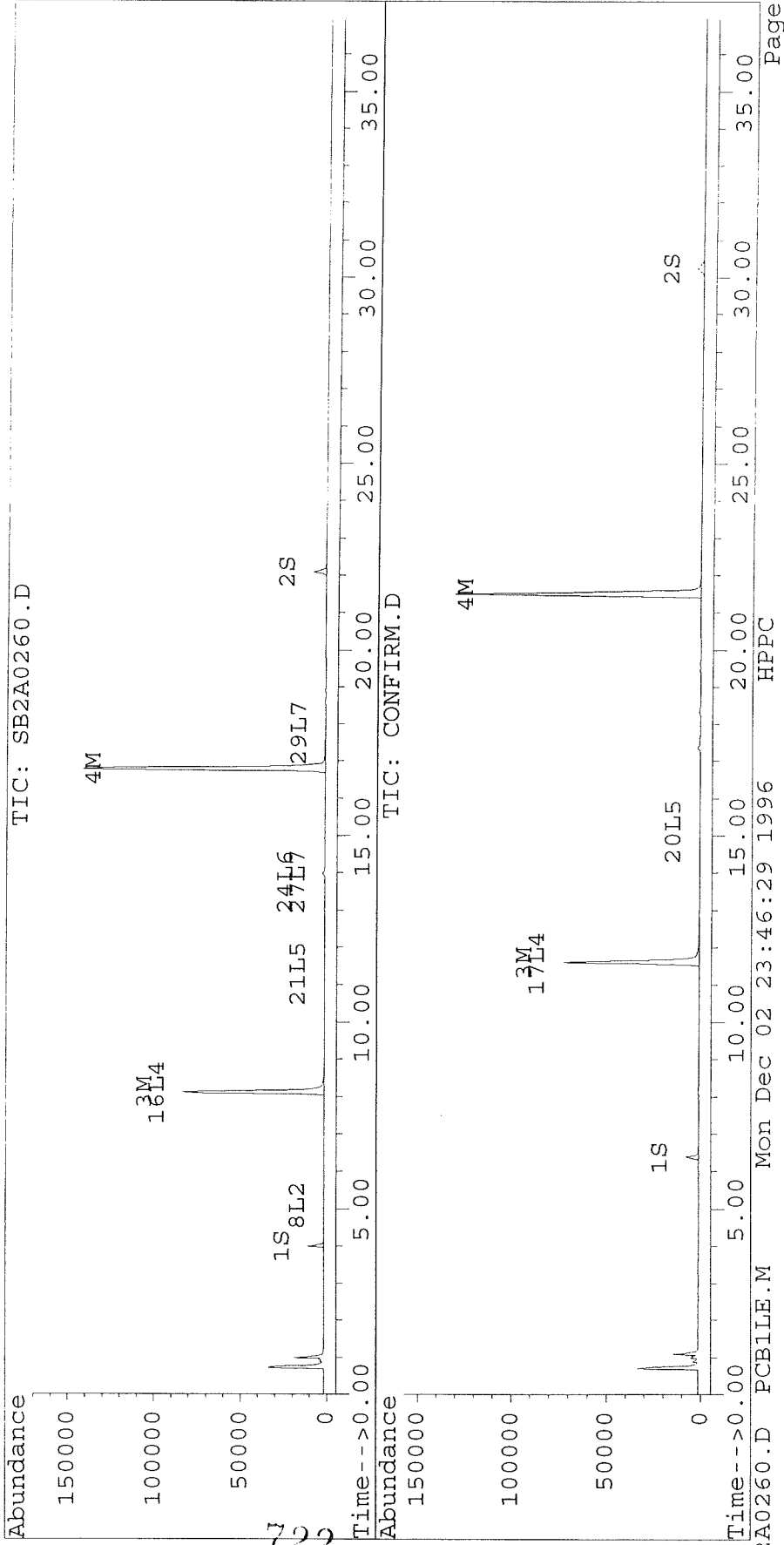
721

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0260.D Vial: 9
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0260.D\CONFIRM.D
Acq On : 02 Dec 96 11:07 PM Operator: JS
Sample : 8080,P1125-LCS1, soil lab control sample Inst : SB2
Misc : 15.0g, 25mL, no dilution Multiplr: 1.00
Quant Time: Dec 2 23:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
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



QC Batch: P1209-B3

Quantitation Report

Signal #1 : D:\HPCHEM\5\13Dec96\SB2A0507.D Vial: 7
 Signal #2 : D:\HPCHEM\5\13Dec96\SB2A0507.D\CONFIRM.D
 Acq On : 13 Dec 96 04:33 PM Operator: JS
 Sample : 8080, VHB, C995-130, DB5 Inst : SB2
 Misc : 15.3g,25ml, 99% solid, no dilution, reex Multiplr: 1.00
 Quant Time: Dec 13 17:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1ME.M
 Title : PCB 5 LEVEL
 Last Update : Fri Dec 13 10:07:24 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	3.97	6.35	4470	3396	19.224	18.194
			Recovery	=	48.06%	45.49%
2) S Decachlorobiphenyl	22.04	30.11	3584	1641	28.727	28.550
			Recovery	=	71.82%	71.38%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.07	11.56	12842	9121	128.167	102.464
4) M 2,2',3,3',4,4'-Hexa	16.75	21.45	1435	905	8.478	5.762 #
5) L1 Aroclor-1016	6.66	8.70	2687	513	85.991	42.042 #
6) L1 Aroclor-1016 {2}	8.78	10.22	3941	2504	256.232	89.645 #
7) L1 Aroclor-1016 {3}	9.16	12.14	8008	1768	325.395	115.366 #
Total Aroclor-1016			14637	4784	667.619	247.053
Average Aroclor-1016					222.540	82.351
8) L2 Aroclor-1221	4.96	7.93	55	172	7.780	28.091 #
9) L2 Aroclor-1221 {2}	5.38	8.46	157	605	26.872	124.053 #
10) L2 Aroclor-1221 {3}	5.55	8.70	1347	513	66.643	33.402 #
Total Aroclor-1221			1558	1290	101.295	185.546
Average Aroclor-1221					33.765	61.849
11) L3 Aroclor-1232	5.55	8.70	1347	513	73.825	35.783 #
12) L3 Aroclor-1232 {2}	6.66	10.22	2687	2504	196.889	208.417
13) L3 Aroclor-1232 {3}	8.45	12.14	2176	1768	262.852	254.940
Total Aroclor-1232			6209	4784	533.565	499.141
Average Aroclor-1232					177.855	166.380
14) L4 Aroclor-1242	5.55	8.70	1347	513	61.939	28.721 #
15) L4 Aroclor-1242 {2}	6.66	10.22	2687	2504	67.390	69.986
16) L4 Aroclor-1242 {3}	8.07	11.27	12842	1195	206.761	77.030 #
17) L4 Aroclor-1242 (4)	8.45	11.56	2176	9121	90.862	200.762 #
18) L4 Aroclor-1242 (5)	8.78	12.14	3941	1768	200.309	88.164 #
Total Aroclor-1242			22993	15100	627.261	464.663
Average Aroclor-1242					125.452	92.933
19) L5 Aroclor-1248	9.16	14.85	8008	3616	267.084	183.801 #
20) L5 Aroclor-1248 {2}	9.91	15.06	6888	4052	273.695	198.324 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\13Dec96\SB2A0507.D Vial: 7
 Signal #2 : D:\HPCHEM\5\13Dec96\SB2A0507.D\CONFIRM.D
 Acq On : 13 Dec 96 04:33 PM Operator: JS
 Sample : 8080, VHB, C995-130, DB5 Inst : SB2
 Misc : 15.3g,25ml, 99% solid, no dilution, reex Multiplr: 1.00
 Quant Time: Dec 13 17:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1ME.M
 Title : PCB 5 LEVEL
 Last Update : Fri Dec 13 10:07:24 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.20	16.06	6770	2385	225.378	153.873 #
Total Aroclor-1248			21666	10053	766.156	535.998
Average Aroclor-1248					255.385	178.666
22) L6 Aroclor-1254	12.91	17.06	2698	2350	85.648	79.692
23) L6 Aroclor-1254 {2}	13.25	17.44	5753	5357	88.518	83.165
24) L6 Aroclor-1254 {3}	13.74	17.88	2973	3304	96.569	90.524
25) L6 Aroclor-1254 (4)	14.09	18.39	3629	2313	92.954	89.633
26) L6 Aroclor-1254 (5)	15.63	19.93	4096	3267	86.120	82.650
Total Aroclor-1254			19148	16591	449.809	425.664
Average Aroclor-1254					89.962	85.133
27) L7 Aroclor-1260	13.74	18.07	2973	2204	92.141	69.864
28) L7 Aroclor-1260 {2}	14.52	18.39	2838	2313	80.101	69.051
29) L7 Aroclor-1260 {3}	17.73	21.80	1170	1028	24.502	21.555
Total Aroclor-1260			6981	5545	196.744	160.470
Average Aroclor-1260					65.581	53.490
30) L8 Aroclor-1268	18.84	23.28	798	1140	NoCal	265.517 #
31) L8 Aroclor-1268 {2}	19.01	0.00	62	0	NoCal	N.D.
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	1140	N.D.	265.517
Average Aroclor-1268					0.000	265.517

AR1242 =

$$\frac{407 \times \frac{5}{2} \times 25}{15.3 \times 0.99} = 1680$$

AR1254 =

$$\frac{426 \times 25}{15.3 \times 0.99} = 700$$

MRL =

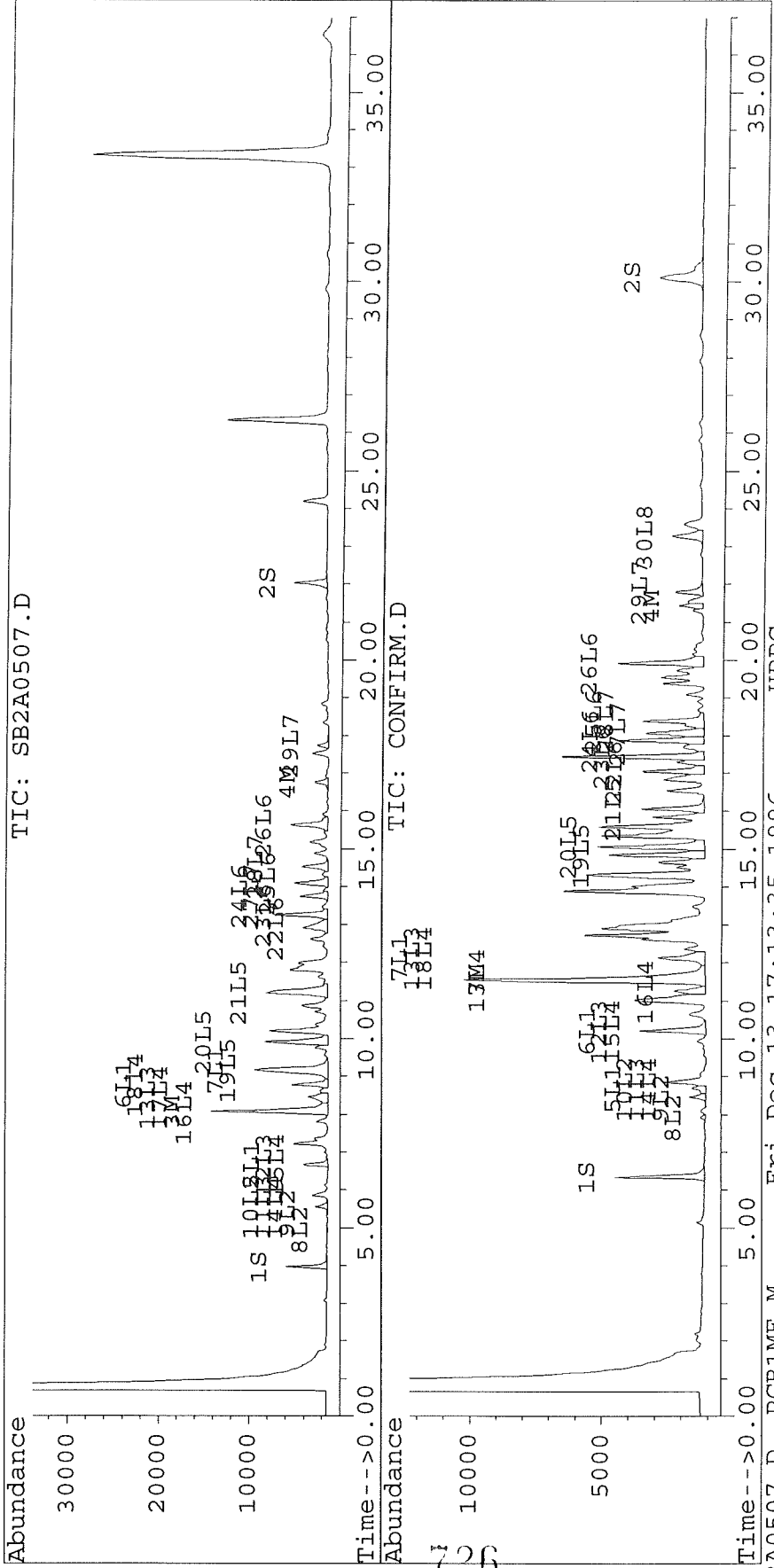
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Quantitation Report

Signal #1 : D:\HPCHEM\5\13Dec96\SB2A0507.D Vial: 7
 Signal #2 : D:\HPCHEM\5\13Dec96\SB2A0507.D\CONFIRM.D
 Acq On : 13 Dec 96 04:33 PM Operator: JS
 Sample : 8080, VHB, C995-130, DB5 Inst : SB2
 Misc : 15.3g,25ml, 99% solid, no dilution, reex Multiplr: 1.00
 Quant Time: Dec 13 17:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1ME.M
 Title : PCB 5 LEVEL
 Last Update : Fri Dec 13 10:07:24 1996
 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 : D:\HPCHEM\5\13Dec96\SB2A0505.D Vial: 2
 Signal #2 : D:\HPCHEM\5\13Dec96\SB2A0505.D\CONFIRM.D
 Acq On : 13 Dec 96 03:12 PM Operator: JS
 Sample : 8080, P1209-B3, soil method blank Inst : SB2
 Misc : 15.0g,25ml, no dilution, rerun Multiplr: 1.00
 Quant Time: Dec 13 15:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1ME.M
 Title : PCB 5 LEVEL
 Last Update : Fri Dec 13 10:07:24 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	3.97	6.35	4228	3204	18.182	17.162 ⁸⁶
			Recovery	=	45.46%	42.91%
2) S Decachlorobiphenyl	22.04	30.12	3230	1444	25.893	25.118
			Recovery	=	64.73%	62.80%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	16.76	0.00	187	0	1.106	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
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.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\13Dec96\SB2A0505.D Vial: 2
 Signal #2 : D:\HPCHEM\5\13Dec96\SB2A0505.D\CONFIRM.D
 Acq On : 13 Dec 96 03:12 PM Operator: JS
 Sample : 8080, P1209-B3, soil method blank Inst : SB2
 Misc : 15.0g,25ml, no dilution, rerun Multiplr: 1.00
 Quant Time: Dec 13 15:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1ME.M
 Title : PCB 5 LEVEL
 Last Update : Fri Dec 13 10:07:24 1996
 Response via : Multiple Level Calibration

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

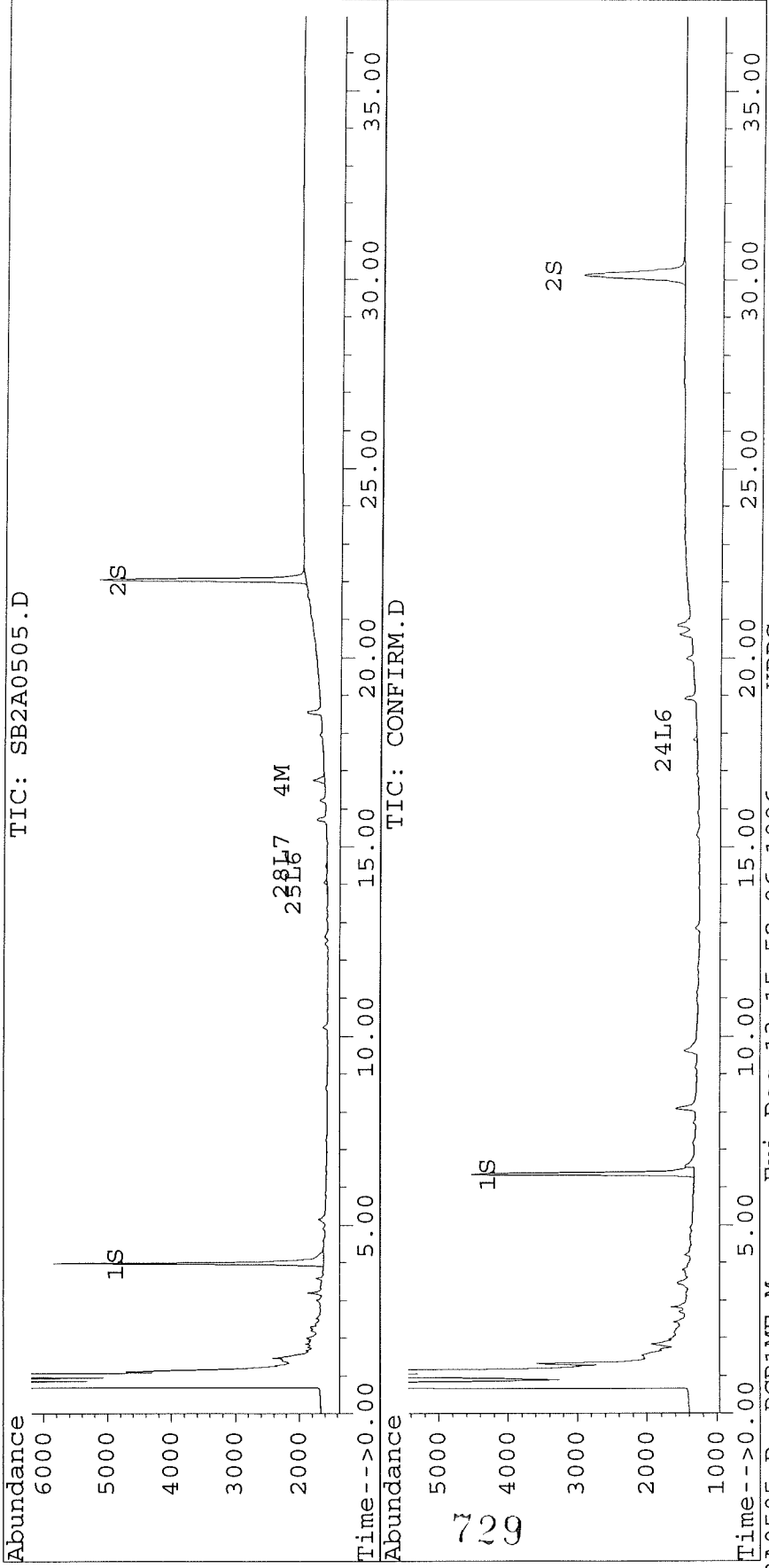
Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
24) L6 Aroclor-1254 {3}	0.00	17.84	0	47	N.D.	1.297 #
25) L6 Aroclor-1254 (4)	14.06	0.00	53	0	1.346	N.D. #
26) L6 Aroclor-1254 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			53	47	1.346	1.297
Average Aroclor-1254					1.346	1.297
27) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
28) L7 Aroclor-1260 {2}	14.49	0.00	27	0	0.759	N.D. #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			27	0	0.759	N.D.
Average Aroclor-1260					0.759	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

Quantitation Report

Signal #1 : D:\HPCHEM\5\13Dec96\SB2A0505.D Vial: 2
Signal #2 : D:\HPCHEM\5\13Dec96\SB2A0505.D\CONFIRM.D
Acq On : 13 Dec 96 03:12 PM Operator: JS
Sample : 8080, P1209-B3, soil method blank Inst : SB2
Misc : 15.0g, 25ml, no dilution, rerun Multiplr: 1.00
Quant Time: Dec 13 15:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1ME.M
Title : PCB 5 LEVEL
Last Update : Fri Dec 13 10:07:24 1996
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 : D:\HPCHEM\5\13Dec96\SB2A0506.D Vial: 6
 Signal #2 : D:\HPCHEM\5\13Dec96\SB2A0506.D\CONFIRM.D
 Acq On : 13 Dec 96 03:53 PM Operator: JS
 Sample : 8080, P1209-lcs3, lab control sample Inst : SB2
 Misc : 15.0g,25ml, no dilution, rerun Multiplr: 1.00
 Quant Time: Dec 13 16:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1ME.M
 Title : PCB 5 LEVEL
 Last Update : Fri Dec 13 10:07:24 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	3.97	6.35	4506	3365	19.379	18.024 ⁹⁰
			Recovery	=	48.45%	45.06%
2) S Decachlorobiphenyl	22.04	30.12	3400	1516	27.256	26.385
			Recovery	=	68.14%	65.96%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.07	11.57	93760	84277	94935.748	946.72395
4) M 2,2',3,3',4,4'-Hexa	16.75	21.44	153445	141363	91906.539	900.16290
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	4.95	7.92	170	125	24.265	20.370
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			170	125	24.265	20.370
Average Aroclor-1221					24.265	20.370
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}	8.07	11.23	93760	26	1509.557	1.667 #
17) L4 Aroclor-1242 (4)	0.00	11.57	0	84277	N.D.	1854.949 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			93760	84303	1509.557	1856.616
Average Aroclor-1242					1509.557	928.308
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	15.08	030	31	N.D.	1.513 #

Quantitation Report

Signal #1 : D:\HPCHEM\5\13Dec96\SB2A0506.D Vial: 6
 Signal #2 : D:\HPCHEM\5\13Dec96\SB2A0506.D\CONFIRM.D
 Acq On : 13 Dec 96 03:53 PM Operator: JS
 Sample : 8080, P1209-lcs3, lab control sample Inst : SB2
 Misc : 15.0g,25ml, no dilution, rerun Multiplr: 1.00
 Quant Time: Dec 13 16:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1ME.M
 Title : PCB 5 LEVEL
 Last Update : Fri Dec 13 10:07:24 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.27f	0.00	34	0	1.143	N.D. #
Total Aroclor-1248			34	31	1.143	1.513
Average Aroclor-1248					1.143	1.513
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}	13.73	0.00	484	0	15.718	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			484	0	15.718	N.D.
Average Aroclor-1254					15.718	0.000
27) L7 Aroclor-1260	13.73	0.00	484	0	14.997	N.D. #
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
29) L7 Aroclor-1260 {3}	17.72	0.00	33	0	0.684	N.D. #
Total Aroclor-1260			517	0	15.681	N.D.
Average Aroclor-1260					7.840	0.000
30) L8 Aroclor-1268	18.85	0.00	71	0	NoCal	N.D.
31) L8 Aroclor-1268 {2}	0.00	23.56f	0	70	N.D.	NoCal
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

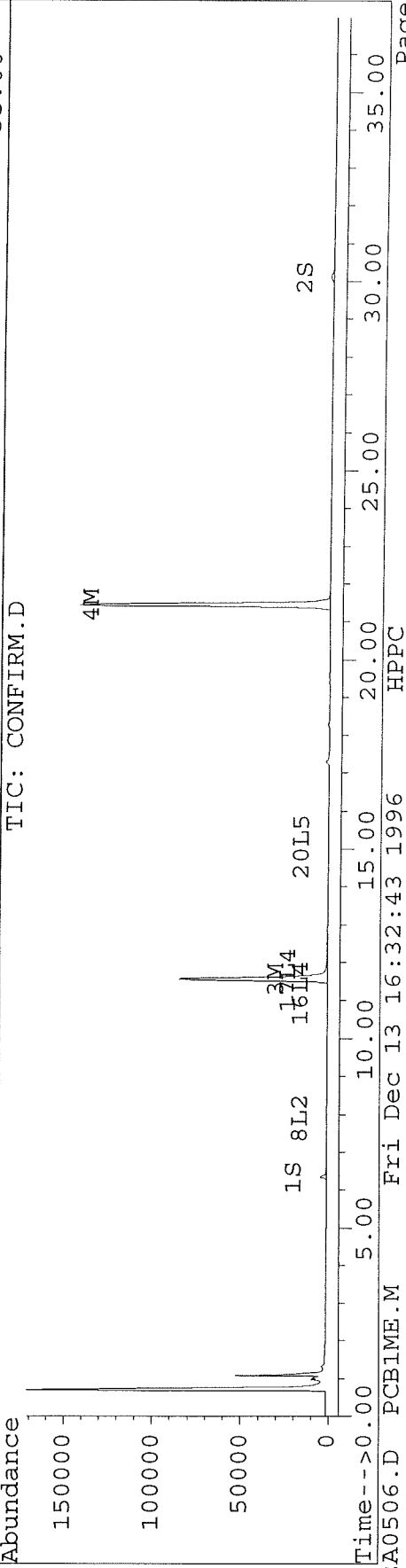
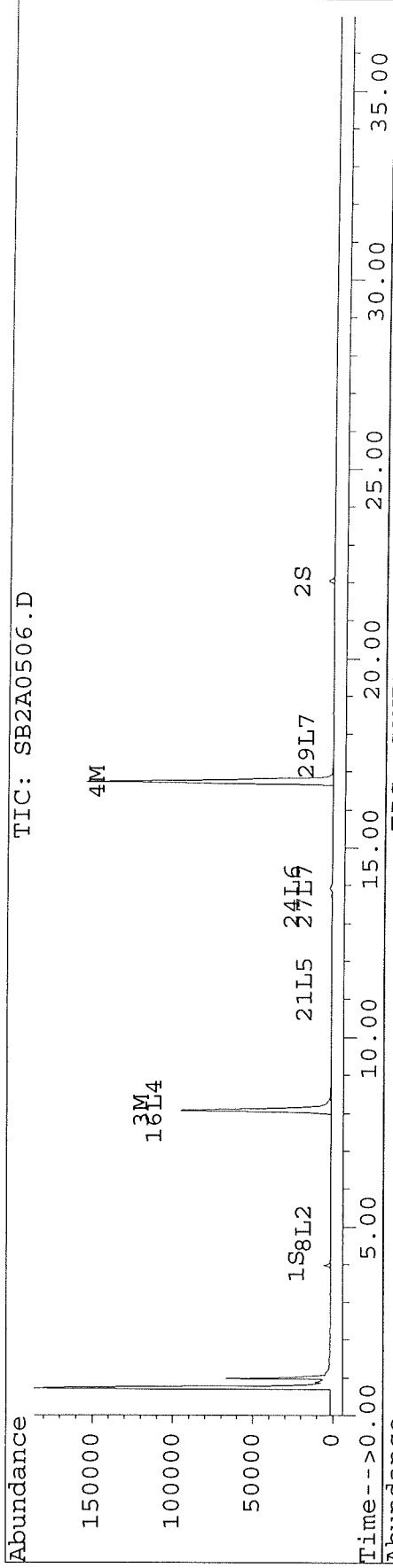
731

Quantitation Report

Signal #1 : D:\HPCHEM\5\13Dec96\SB2A0506.D Vial: 6
Signal #2 : D:\HPCHEM\5\13Dec96\SB2A0506.D\CONFIRM.D
Acq On : 13 Dec 96 03:53 PM Operator: JS
Sample : 8080, P1209-lcs3, lab control sample Inst : SB2
Misc : 15.0g,25ml, no dilution, rerun Multiplr: 1.00
Quant Time: Dec 13 16:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1ME.M
Title : PCB 5 LEVEL
Last Update : Fri Dec 13 10:07:24 1996
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



732

Solvent Tracker:

GPC Batch Number:
Florasil Lot Number:

MITKEM CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION : Pesticides/PCB										
Date:	11/9/96	Analysis:	PCB	Sample Matrix:	507	Project #:	C0995			
Blank ID	P1109-B2	Method:	Sonication	Analyst:	RC	Client:	VHB			
Sample ID	Client Sample ID	Weight/Vol Extracted	Surro. Spike Added	Matrix Spike Added	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments	
P1109-B2		15.0 g	2 ml PWSG1018E			11/12/96	25 ml HOSAMY	11/13/96	SPK: RC WIT: SCOTT	
CCS2		15.0 g		1 ml PWSG1016A						
PC0995-21	PL7	15.1 g								
-22	PD1	15.1 g								
-22MS	MS	15.2 g		1 ml PWSG1012A						
-22MSD	MSD	15.4 g								
-23	PD2	15.0 g								
-24	PD3	15.3 g								
-25	PE1	15.2 g								
-26	↓ 2	15.2 g								
-27	↓ 3	15.5 g								
-28	PF1	15.5 g								
-29	↓ 2	15.2 g								
-30	↓ 3	15.4 g								
-31	PG1	15.0 g								
-32	↓ 2	15.1 g								
-33	↓ 3	15.3 g								

75
95
↓
14
72
74
92
94
89
87
90
90
90
89

Solvent Track:

GPC Batch Number:
Florasil Lot Number:

MITKEM CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION :Pesticides/PCB													
Date:	11/9/96	Analysis:	PCB	Sample Matrix:	Soy	Project #:	C0995	Blank ID		Analyst:	RC	Client:	VHB
Sample ID	Client Sample ID	Weight/Vol Extracted	Surro. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments			
PC0995-34	PH1	15.3 g	15.3 g	15.3 g	11/12/96	11/12/96	11/13/96	25ml Hexane		Spike: RC WIT: SCOTT			
-35	↓ 2	15.0 g	↓	↓	↓	↓	↓	↓	↓				
-36	↓ 3	15.2 g	↓	↓	↓	↓	↓	↓	↓				
-37	PE1	15.3 g	↓	↓	↓	↓	↓	↓	↓				
-38	↓ 2	15.0 g	↓	↓	↓	↓	↓	↓	↓				
-39	↓ 3	15.0 g	↓	↓	↓	↓	↓	↓	↓				
-40	PK7	15.1 g	↓	↓	↓	↓	↓	↓	↓				
Rob													
734													

Solvent Track:

GPC Batch Number:
Florasil Lot Number:

MITKEM CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION : Pesticides/PCB											
Date:	11/13/96	Analysis:	PCB <th>Sample Matrix:</th> <td>Soil <th>Project #:</th> <td>C0995</td> </td>	Sample Matrix:	Soil <th>Project #:</th> <td>C0995</td>	Project #:	C0995				
Blank ID	D1113-B1	Method:	SMIC	Analyst:	JSD	Client:	UHB				
Sample ID	Client Sample ID	Weight/Vol Extracted	Surro. Spike Added	Matrix Spike Added	Date GPC	Date Florasil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments	
P1113-B1	15	30.0 g	2mg Pub 1018A	1mg Pub 1018A	---	---	11/16/96	25 ml Hexane	11/18/96	spike: JSD WINDAD:	
-1CS1	15	30.0 g	---	---	---	---	---	---	---	---	
P0995-40		15.1 g	---	---	---	---	---	---	---	---	
-41		15.0 g	---	---	---	---	---	---	---	---	
-42		15.5 g	---	---	---	---	---	---	---	---	
-42MSD		15.5 g	---	---	---	---	---	---	---	---	
-43		15.5 g	---	---	---	---	---	---	---	---	
-44		15.4 g	---	---	---	---	---	---	---	---	
-45		15.0 g	---	---	---	---	---	---	---	---	
-46		15.3 g	---	---	---	---	---	---	---	---	
-47		15.1 g	---	---	---	---	---	---	---	---	
-48		15.5 g	---	---	---	---	---	---	---	---	
-49		15.2 g	---	---	---	---	---	---	---	---	
-50		15.3 g	---	---	---	---	---	---	---	---	
-51		15.0 g	---	---	---	---	---	---	---	---	
-52		15.5 g	---	---	---	---	---	---	---	---	
-52		15.0 g	---	---	---	---	---	---	---	---	

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

Date:	17-18-96	Analysis:	Best PCB	Sample Matrix:	Soil	Project #:	C0995		
Blank ID	P1118B1	Method:	Sonic	Analyst:	RB	Client:	VHB		
Sample ID	Client Sample ID	Weight/Vol Extracted	Surro. Spike Added	Matrix Spike Added	Date Florisil	Date Final Conc	Final Ext Vol	Date Transfer	Comments
P1118B1		15.0g	PWS1018 B 2mL			11/20/96	25 mL	11/20/96	SEKER - Paul Winters Jr
-60		15.0g		PWS1018 H 1mL					
-61	PE5	15.5g							
-62	PE4	15.1g							
-63	PE6	15.2g							
-64	PF4	15.0g							
-65	PF5	15.0g							
-66	PG6	15.3g							
-67	PG4	15.2g							
-68	PG5	15.3g							
-69	PG6	15.5g							
-70	PH4	15.5g							
-71	PH5	15.4g							
-72	PH6	15.2g							

Orprep4

Fin: 11-18-96

Book #8

Solvent Track:
 GPC Batch Number:
 Florisil Lot Number:

Box #1234567890 11/20/96 11/21/96

MITKEM CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION :Pesticides/PCB											
Date:	11/19/96	Analysis:	PCB	Sample Matrix:	SAIL	Project #:	C0995				
Blank ID	P1119-B1	Method:	Sonic	Analyst:	JSO	Client:	VHB				
Sample ID	Client Sample ID	Weight/Vol Extracted	Surro. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Transfer	Comments	
P1119-B1		15.0 g	2ML P0961028				11/20/96	25ML	11/20/96	spiked Paul	
-KLS1		15.0 g		1ML P0961028						witness: JSO	
PCD995-80		15.3 g									
-81		15.4 g									
-82		15.3 g									
-82MS		15.3 g		1ML P0961028							
-82MSD		15.3 g									
-83		15.4 g									
-84		15.4 g									
-85		15.0 g									
-86		15.4 g					11/20/96		11/21/96		
-87		15.5 g									
-88		15.5 g									
-89		15.3 g									
-90		15.2 g									
-91		15.3 g									
-92		15.5 g									

Solvent Track:
 GPC Batch Number:
 Florisil Lot Number:

BOX 0120096 51 97:14 82 01:17

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

Date:	Analysis:	PCB	Sample Matrix:	Project #:	Client:	
11/19/96	Method:	Surro. Spike Added	Analyst:	11/21/96	VHB	
Blank ID	Weight/Vol Extracted	Matrix Spike Added <th>Date Florisil Conc</th> <th>Final Ext Vol</th> <th>Date Ext Transfer</th> <th>Comments</th>	Date Florisil Conc	Final Ext Vol	Date Ext Transfer	Comments
P00995-93	15.5 g	2ml 2096/2028	11/20/96	25ml	11/21/96	spike found
-94	15.5 g					witness. for
-95	15.4 g					
-96	15.2 g					
-97	15.0 g					
-98	15.1 g					
-99	15.3 g					
<p>710</p> <p>ASB 11/19/96</p>						

For 2

GPC Batch Number:
Florissil Lot Number:

MITKEM CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION : Pesticides/PCB									
Date:	11/25/96	Analysis:	PCB <th>Sample Matrix:</th> <td>Soil <th>Project #:</th> <td>C0995 </td></td>	Sample Matrix:	Soil <th>Project #:</th> <td>C0995 </td>	Project #:	C0995		
Blank ID	P1125-B1	Method:	SMC	Analyst:	Janed	Client:	VHB		
Sample ID	Client Sample ID	Weight/Vol Extracted	Surro. Spike Added	Matrix Spike Added	Date Florissil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments
P1125-B1	✓	15.6 g	2ml Surrogate	—	—	11/30/96	25 mL	12/2/96	spike: Janed
-LCSI		15.0 g	—	1ml Surrogate	—	—	—	—	unlabeled
PC0995-120	PK4 JS 11/25/96	15.0 g	—	—	—	—	—	—	—
-121	8412	15.0 g	—	—	—	—	—	—	—
-122	PJ10	15.2 g	—	—	—	—	—	—	—
-122MS	↓	15.3 g	—	1ml Surrogate	—	—	—	—	—
-122MSD	↓	15.2 g	—	—	—	—	—	—	—
-123	PG65 JS 11/25/96	15.41 g	—	—	—	—	—	—	—
-124	PJ11	15.0 g	—	—	—	—	—	—	—
-125	PJ12	15.0 g	—	—	—	—	—	—	—
-126	PJ13 JS 11/25/96	15.14 g	—	—	—	—	—	—	—
-127	PJ10	15.5 g	—	—	—	—	—	—	—
-128	PK11	15.5 g	—	—	—	—	—	—	—
-129	PK12	15.0 g	—	—	—	—	—	—	—
-130	DB5	15.5 g	—	—	—	—	—	—	—
-131	001	15.0 g	—	—	—	—	—	—	—
-132	066	15.5 g	—	—	—	—	—	—	—

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)	Wet Wt.	Date Out	Oven Temp. Out	Dry Wt. (g)	Dry Wt. Tared (g)	% Solids	Analyst	Calc. Checked
9/25/96	60995-01	105°C	1.09	6.4	5.9	5.9	9/26/96	110°C	6.7	5.7	97	JSD	
	-02			6.4	5.4	5.4			5.8	4.8	89		
	-03			6.6	5.6	5.6			6.5	5.5	98		
	-04			9.0	8.0	8.0			8.3	7.3	91		
	-05			10.0	9.0	9.0			9.7	8.7	97		
	-06			9.0	8.0	8.0			8.7	7.7	96		
	-07			6.8	5.8	5.8			6.7	5.7	98		
	-08			8.8	7.8	7.8			8.2	7.2	92		
	-09			7.8	6.8	6.8			7.6	6.6	97		
	-10			8.6	7.6	7.6			8.3	7.3	96		
	-11			6.7	5.7	5.7			6.2	5.2	91		
	-12			6.3	5.3	5.3			6.0	5.0	94		
	-13			10.4	9.4	9.4			9.5	8.3	88		
	-14			7.5	6.5	6.5			6.7	5.7	88		
	-15			6.2	5.2	5.2			5.6	4.6	88		
	-16			7.0	6.0	6.0			6.3	5.3	88		
	-17			7.4	6.4	6.4			7.0	6.0	94		
	-18			7.7	6.7	6.7			7.3	6.3	94		
9/25/96	60955-19	109°C	1.09	9.6	8.6	8.6			8.8	7.8	91		
	-20			9.8	8.8	8.8			8.9	7.9	96		
	-21			7.1	6.1	6.1			6.8	5.8	95		
	-22			6.7	5.7	5.7			6.4	5.4	95		

%Solid = Dry Wt. Tared / Wet Wt. Tared x 100

% Moisture = 100 - % Solid

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
9/25/96	C1013-01	108°C	1.09	7.7	6.2	9/26/96	110°C	6.2	5.2	84	JSO	
	-02	↓	↓	8.6	7.6			7.6	6.6	87		
9/23/96	C1027-01	101°C	1.09		9.3			9.0	8.0	86		
	-02				8.3			7.5	6.5	78		
	-03				9.8			9.5	8.5	87		
	-04				9.1			7.7	6.7	74		
	-05				9.7			9.8	8.8	91		
	-06				7.1			6.1	5.1	72		
	-07											
	C01028-01				6.1							
9-26-96	C0975-36	110°C	1.09	8.3	7.3	9/27/96	110°C	6.0	5.0	82		
	-37			8.5	7.5			6.9	5.9	81		
	-38			8.3	7.3			7.9	6.9	92		
	-39			8.0	7.0			7.4	6.4	88		
	-40			9.5	8.5							
	-41			9.8	8.8			8.8	7.8	92		
	-42			9.2	8.2			9.0	8.0	91		
	-43			9.1	8.1			8.5	7.5	91		
	-44			8.0	7.0			8.5	7.5	96		
	-45			10.0	9.0			7.7	6.7	96		
	-46			8.5	7.5			9.1	8.1	90		
	-47			8.8	7.8			7.9	6.9	92		

%Solid = Dry Wt. Tared / Wet Wt. Tared x 100

% Moisture = 100 - % Solid

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
9-26-96	C0995-48	110°C	1.09	10.6	9.6	9/27/96	10.1°C	16.1	9.1	95	jsd	
	-49			8.7	7.7			8.4	7.4	96		
	-50			8.5	7.5			8.6	7.0	93		
	-51			8.7	7.7			8.2	7.2	94		
	-52			9.2	8.2			8.6	7.6	93		
	-53			9.1	8.1			8.6	7.6	94		
	C01034-01	105°C	1.09									
	02			7.1	6.1			6.3	5.3	87	jsd	
	04			8.5	7.5			7.7	6.7	89		
	05			7.9	6.9			7.3	6.3	91		
9/27/96	C0995-62	103°C	1.09	6.8	5.8	9/28/96	104	6.4	5.4	93	jsd	
	-65			8.1	7.1			7.4	6.4	90		
	-66			7.2	6.2			6.6	5.6	90		
	-67			6.6	5.6			6.0	5.0	89		
	-68			6.3	5.3			6.2	5.2	98		
	-69			7.0	6.0			6.5	5.3	83		
	-70			6.9	5.9			6.4	5.4	92		
	-71			9.4	8.4			8.8	7.8	93		
	-72			6.4	5.4			5.8	4.8	89		
	-73			7.2	6.2			6.0	5.0	81		
	-74			8.1	7.1			7.6	6.6	93		
	-75											

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%Solid = Dry Wt. Tared / Wet Wt. Tared x 100

% Moisture = 100 - % Solid

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
9/27/96	CO 995-76	103°C	1.0g	10.0	9.0	104	04/24/96	9.6	8.6	96	SP	
	-77			7.7	6.7			7.2	6.2	93		
	-78			7.3	6.3			7.0	6.0	95		
	-79			6.5	5.5			6.1	5.1	93		
	CO 1037-05			7.6	6.5	105	04/24/96	6.4	5.4	93		
	-06			8.7	7.7			7.3	6.3	92		
	-07			9.0	8.0			7.9	6.9	96		
	-08			6.2	5.2			4.9	3.9	75		
	-09			8.7	7.7			8.1	7.1	92		
	CO 1038-01			6.3	5.3	04/29	105	5.5	4.5	95		
	-02			6.4	5.4			5.8	4.8	89		
	-03			6.5	5.5			5.9	4.9	89		
	-04			8.0	7.0			7.4	6.4	91		
	-05			8.6	7.6			7.2	6.2	82		
	-06			11.6	10.6			10.9	9.9	93		
	CO 1039-01			11.1	10.1	9/28/96	104	9.4	9.4	93	KC	
	CO 1021-01			7.2	6.2	04/24/96	105	6.5	5.5	89	SP	
	-02			7.6	6.6			6.4	5.4	82		
	-03			6.1	5.1			5.2	4.2	82		
	-04			6.3	5.3			5.3	4.3	81		
	-05			7.5	6.5			6.4	5.4	83		
	-06			8.5	7.5			7.3	6.3	84		

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% Solid = Dry Wt. Tared / Wet Wt. Tared x 100

% Moisture = 100 - % Solid

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)	Wet Wt. Tared	Date Out	Oven Temp. Out	Dry Wt. (g)	Dry Wt. Tared (g)	% Solids	Analyst	Calc. Checked
9/27/96	C01030-16	103°C	1.00	6.10	5.10	5.0	09/25/96	104°C	5.6	4.6	92	JS	
9/28/96	C01022-04	↓	↓	6.9	5.9	5.9	↓	↓	6.1	5.1	86	JS	
		↓	↓	6.5	5.5	5.5	9/30/96	104°C	6.3	4.3	78	JS	
		↓	↓	6.8	5.8	5.8	↓	↓	5.5	4.5	78		
		↓	↓	6.4	5.4	5.4	↓	↓	5.4	4.4	81		
		↓	↓	6.5	5.5	5.5	↓	↓	6.1	4.1	75		
		↓	↓	7.4	6.4	6.4	↓	↓	5.8	4.8	75		
		↓	↓	6.9	5.9	5.9	↓	↓	6.0	5.0	85		
		↓	↓	11.9	10.9	10.9	↓	↓	10.5	9.5	87		
									JS				
9/30/96	C1051-01	106°C	1.09	10.4	9.4	9.4	10/19/96	108°C	9.4	8.4	89	JS	
		↓	↓	10.1	9.1	9.1	↓	↓	8.9	7.9	87		
		↓	↓	10.2	9.2	9.2	↓	↓	8.9	7.9	86		
		↓	↓	9.2	8.2	8.2	↓	↓	7.9	6.9	84		
		↓	↓	5.6	4.6	4.6	↓	↓	5.2	4.2	91		
9/30/96	C0995-80	108°C	1.09	7.1	6.1	6.1	↓	↓	6.6	5.6	92		
		↓	↓	7.2	6.2	6.2	↓	↓	6.3	5.3	85		
		↓	↓	8.4	7.4	7.4	↓	↓	7.1	6.1	82		
		↓	↓	7.1	6.1	6.1	↓	↓	6.5	5.5	90		
		↓	↓	7.4	6.4	6.4	↓	↓	6.4	5.4	84		
		↓	↓	7.4	6.4	6.4	↓	↓	6.5	5.5	86		

%Solid = Dry Wt. Tared / Wet Wt. Tared x 100

% Moisture = 100 - % Solid

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
9/30/96	C0995-86	108°C	1.0g	9.2	8.2	9/30/96	108°C	7.8	6.8	83	150	
	-87			7.9	6.9			6.5	5.5	80		
	-88			9.9	8.9			9.3	8.3	93		
	-89			10.8	9.8			9.6	8.6	88		
	-90			8.2	7.2			7.2	6.2	86		
	-91			9.6	8.6			9.0	8.0	83		
	-92			10.2	9.2			9.5	8.5	92		
	-93			8.6	7.6			7.3	6.3	83		
	-94			8.2	7.2			7.8	6.8	94		
	-95			8.4	7.4			7.6	6.6	89		
	-96			9.0	8.0			7.9	6.9	86		
	-97			10.0	9.0			9.3	8.3	92		
	-98			8.0	7.0			7.4	6.4	91		
	-99			10.0	9.0			9.4	8.4	93		
10-1-96	C01018-01	107°C	1.09g	8.8	7.8	10/2/96	107°C	7.5	6.5	83	150	
	-02			8.7 7.7				7.4	6.4	83		
	-03			7.6	6.6			6.5	5.5	83		
	-04			9.1	8.1			8.0	7.0	86		
	-05			9.1	8.1			8.3	7.3	90		
	-06			7.5	6.5			6.7	5.7	88		
	-07			10.9	9.9			9.5	8.5	86		
	-08			8.7	7.7			8.3	7.3	95		

%Solid = Dry Wt. Tared / Wet Wt. Tared x 100

% Moisture = 100 - % Solid

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
10-1-96	1042-01	108°C	1.05	9.5	8.5	10/2/96	107°C	8.6	7.6	89	ASD	
	-02	↓	1.09	4.1	3.1			3.8	2.8	90		
10-1-96	1044-01	107°C	1.05	8.1	7.1			8.0	7.0	99		
	-02	↓		8.8	7.8			7.4	6.4	82		
	-03	↓		9.6	8.6			7.9	6.9	86		
	-04	↓		9.9	8.9			8.4	7.4	83		
	-05	↓		9.4	8.4			8.2	7.2	86		
	-06	↓		10.3	9.3			8.4	7.4	80		
	-07	↓		9.8	8.8			8.0	7.0	80		
10-1-96	10652-06	107°C	1.0	8.3	8.3			8.5	7.5	90		
	1058-01	105°C	1.09	9.2	8.2			8.0	7.0	85		
10-1-96	10995-100	102°C	1.09	9.1	8.1			8.4	7.4	91		
	-101	↓		8.4	7.4			7.7	6.7	91		
	-102	↓		7.9	6.9			7.2	6.2	90		
	-103	↓		9.1	8.1			8.5	7.5	93		
	-104	↓		8.4	7.4			7.6	6.6	89		
	-105	↓		10.7	9.7			10.2	9.2	95		
	-106	↓		8.6	7.6			7.9	6.9	91		
	-107	↓		9.3	8.3			9.0	8.0	96		
	-108	↓		8.7	7.7			8.1	7.1	92		
	-109	↓		10.2	9.2			10.1	9.1	99		
	-110	↓		8.3	7.3			7.5	6.5	89		

%Solid = Dry Wt. Tared / Wet Wt. Tared x 100

% Moisture = 100 - % Solid

%solids
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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
10-1-96	20955-111	102°C	1.09	10.3	9.3	10/2/96	107°C	10.0	9.0	97	JSO	
	-112			9.7	8.7			8.9	7.9	91		
	-113			9.1	8.1			8.6	7.6	94		
	-114			8.4	7.4			7.6	6.6	89		
	-115			9.8	8.8			9.1	8.1	92		
	-116			8.9	7.9			8.6	7.6	96		
	-117			8.5	7.5			7.3	6.3	84		
	-118			8.4	7.4			8.7	7.7			
	-119			8.8	7.8			7.9	6.9	88		
	-120			10.2	9.2			10.2	9.2	100		
	-121			7.8	6.8			7.2	6.2	91		
	-122			7.5	8.5			8.9	7.9	93		
	-123			8.9	7.9			8.8	7.8	99		
	-124			9.5	8.5			8.6	7.6	89		
	-125			8.4	7.4			7.8	6.8	92		
	-126			10.0	9.0			10.0	9.0	100		
	-127			8.7	7.7			8.1	7.1	92		
	-128			9.6	8.6			8.7	7.7	90		
	-129			9.2	8.2			8.4	7.4	90		
	-130			9.3	8.3			8.8	7.8	94		
	-131			8.7	7.7			8.3	7.3	95		
	-132			9.6	8.6			9.0	8.0	95		

%Solid = Dry Wt. Tared / Wet Wt. Tared x 100

% Moisture = 100 - % Solid

%solids
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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
10-1-96	C0995-133	102°C	1.09	9.6	8.6	10/2/96	167°C	8.6	7.6	88	JSO	
	-134	↓	↓	8.9	7.9	↓	↓	8.3	7.3	92	↓	
10/2/96	C0995-118	105°C	1.09	8.0	7.0	10/3/96	7.4	105°C	6.4	8.4	105	
	C01031-0	↓	1.00	8.4	7.4	↓	7.4	↓	6.9	91	↓	
10-2-96	C0994-01	105°C	1.09	8.6	7.6	↓	7.9	↓	7.5	94	↓	
	-02	↓	↓	9.0	8.0	↓	8.5	↓	5.5	92	↓	
	-03	↓	↓	7.0	6.0	↓	6.5	↓	9.0	94	↓	
	-04	↓	↓	10.6	9.6	↓	10.0	↓	17.1	84	↓	
	C1018-01	105°C	1.09	21.3	20.3	↓	18.1	↓	18.1	85	↓	
	02	↓	↓	22.4	21.4	↓	19.1	↓	17.2	83	↓	
	03	↓	↓	21.7	20.7	↓	18.2	↓	18.8	87	↓	
	04	↓	↓	22.6	21.6	↓	19.8	↓	14.2	86	↓	
	05	↓	↓	17.6	16.6	↓	16.8	↓	11.6	91	↓	
	C1052-06	↓	↓	13.7	12.7	↓	13.3	↓	12.3	85	↓	
10-2-96	C1065-01	↓	↓	15.4	14.4	↓	10.1	↓	9.1	89	↓	
	02	↓	↓	11.4	10.4	↓	10.1	↓	6.2	91	↓	
	03	↓	↓	7.8	6.8	↓	7.2	↓	7.2	90	↓	
	04	↓	↓	9.0	8.0	↓	8.2	↓	7.6	86	RC/105	
	C1068-01	↓	↓	9.8	8.8	↓	9.0	↓	8.0	84	↓	
	-02	↓	↓	10.5	9.5	↓	5.5	↓	4.5	78	↓	
	-03	↓	↓	6.8	5.8	↓	5.5	↓			↓	

Do not Discard

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%Solid = Dry Wt. Tared / Wet Wt. Tared x 100

% Moisture = 100 - % Solid

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%solids
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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
10-3-96	C0955-63	102°C	1.05	10.4	9.4	10/4/96	112°C	10.1	9.1	97	JSO	
	-64	↓	↓	9.5	8.5			8.5	7.5	88		
	C1073-01	106°C	1.09	11.4	10.4			10.2	9.2	88		
	02.	↓	↓	9.0	8.0			8.2	7.2	90		
10-4-96	C1069-01	101°C	1.09	10.7	9.7	10/8/96	98°C	9.1	8.1	84	JSO	
	-02	↓	↓	13.7	12.7			12.1	11.1	87		
	-03	↓	↓	6.3	5.3			5.6	4.6	87		
	-04	↓	↓	8.1	7.1			6.9	5.9	83		
	-05	↓	↓	7.3	6.3			6.4	5.4	86		
	C1072-01	↓	↓	10.9	9.9			2.9	1.9	19		
	-02	↓	↓	9.3	8.3			3.0	2.0	24		
	-03	↓	↓	11.5	10.5			3.2	2.2	22		
10-4-96	C01082-01	103°C	1.09	10.2	9.2	10/5/96		9.0	8.0	87	KC	
	-01	↓	↓	10.1	9.1			6.5	5.5	69		
	C01061-02	↓	↓	10.6	9.6			7.61	6.6	69	TT	
	-02	↓	↓	9.51	8.5			7.7	6.7	79		
	C01061-04	↓	↓	10.1	9.1			7.3	6.3	69		
	-05	↓	↓	9.7	8.7			8.2	7.2	83		
	-06	↓	↓	10.7	9.7			9.1	8.1	84		
	-07	↓	↓	10.5	9.5			7.5	6.5	68		
	C1072-06	↓	↓	10.8	9.8			1.6	0.6	6		

%Solid = Dry Wt. Tared / Wet Wt. Tared x 100

% Moisture = 100 - % Solid

Page

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%entire
11/11-1/104

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
11/19/96	C1308-13	104°C	1.0g	10.9	9.9	11/20/96	101°C	5.2	4.2	42	JSO	
	-14			10.6	9.6			7.2	6.2	65		
	-15			10.2	9.2			4.6	3.6	39		
	-16			10.9	9.9			4.8	3.8	38		
	-17			11.2	10.2			3.6	2.6	25		
	-19			11.0	10.0			5.3	4.3	43		
	-20			10.6	9.6			4.5	3.5	36		
	-20D			12.1	11.1			5.2	4.2	38		
	-21			10.2	9.2			4.2	3.2	35		
	-22			10.9	9.9			5.1	4.1	41		
	-23			11.1	10.1			5.2	4.2	42		
	-24			10.7	9.7			5.7	4.7	48		
	-25			10.1	9.1			4.3	3.3	36		
11-19-96	C1346-01	102°C	1.09g	7.2	8.2			8.0	7.0	85		
	-02			12.5	11.5			10.7	9.7	84		
	C0995-54	102°C	1.09g	7.2	6.2			6.7	5.7	92		
	-55			7.8	6.8			7.3	6.3	93		
	-56			7.7	6.7			7.4	6.4	96		
	-57			7.3	6.3			6.7	5.7	90		
	-58			8.1	7.1			7.7	6.7	94		
	59			9.1	8.1			8.6	7.6	94		
	-60			6.7	5.7			6.0	5.0	88		

%Solid = Dry Wt. Tared / Wet Wt. Tared x 100

% Moisture = 100 - % Solid

Page:

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%solids
08/03/95

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
11/19/96	C0995-61	103°C	1.0g	8.1	7.1	11/20/96	101°C	7.5	6.5	92	JSO	
11/20/96	C1314-01	100°C	1.0g	12.7	11.7	11/20/96 11:30 11/20/96 2:30 11/20/96 8:30	100°	9.4 10.8 10.8	8.4 9.8	72	ym	
11-20-96	C1316-02	101°C	1.0	11.2	10.2	11/20/96	106°C	13.4	12.4	96	ym	
11/20/96	C1357-01	101°C	1.0	10.1	9.1			9.0	8.0	88	JSO	
	-02			8.4	7.4			7.8	6.8	92		
	-03			9.0	8.0			8.5	7.5	94		
11/20/96	C1345-01	105°	1.0g	10.2	9.2			9.0	8.0	87		
	-02			10.1	9.1			8.9	7.9	87		
	-03			10.1	9.1			8.1	7.1	78		
	-09			10.7	9.7			9.4	8.4	87		
	-10			12.2	11.2			10.10	9.1	81		
	-11			13.8	12.8			11.3	10.3	80		
	-12			10.2	9.2			8.5	7.5	82		
	-13			11.4	11.4			9.9	8.9	86		
	C1267-145			10.1	9.1			8.0	7.0	77		
11/21/96	C1340-01	104°C	1.0g	8.4	7.4	11/22/96	101°C	5.7	4.7	64	ym	
	-02			9.0	8.0			7.0	6.0	82		
	C1352-03			7.8	6.8			7.0	6.0	82		
	C1332-01			9.7	8.7			7.5	6.5	90		
	-02			11.8	10.8			8.2	7.2	83		
	-03			10.7	9.7			9.9	8.9	82		
				10.7	9.7			9.2	8.2	85		

5 78

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%Solid = Dry Wt. Tared / Wet Wt. Tared x 100

% Moisture = 100 - % Solid



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CHAIN-OF-CUSTODY RECORD

REPORT TO		INVOICE TO	
COMPANY	Vanasse Hangen Brustlin, Inc (VHB)	COMPANY	SAME
NAME	Jeff Gower	NAME	
ADDRESS	101 Walnut Street	ADDRESS	
CITY/ST/ZIP	Watertown, MA	CITY/ST/ZIP	
CLIENT PROJECT NAME:	Boliden Metech	CLIENT PROJECT #:	70632
		LAB REFERENCE #:	
		PHONE	617-924-1770
		FAX	617-923-2336
		TURNAROUND TIME:	

TSF#	SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	CLIENT PROJECT #:				LAB ID	# OF CONTAINERS	REQUESTED ANALYSES	COMMENTS
			COMPOSITE	GRAB	WATER	SOIL				
	PL8	9-19-96 1320	X	X	X	X	1			
	PL9	'	X	X	X	X	1			
	PEET	'	X	X	X	X	1			
	PG10	'	X	X	X	X	1			
	PG11	'	X	X	X	X	1			
	PG12	'	X	X	X	X	1			
	PHH3	'	X	X	X	X	1			
	PH10	'	X	X	X	X	1			
	PH11	'	X	X	X	X	1			
	PH12	'	X	X	X	X	1			
	PAAB	'	X	X	X	X	1			
			X	X	X	X	1			

RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:
Jeff Gower	9-20-96	[Signature]	9-20-96	

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CHAIN-OF-CUSTODY RECORD

REPORT TO				INVOICE TO					
COMPANY	Vonose Hengen Brustlin, Inc	PHONE	617 924-1770	COMPANY	SAME	PHONE			
NAME	Jeff Gower	FAX	617 923-2336	NAME		FAX			
ADDRESS	101 Walnut Street	ADDRESS		ADDRESS		TURNAROUND TIME:	Standard		
CITY/ST/ZIP	Watertown, MA	CITY/ST/ZIP		CITY/ST/ZIP					
CLIENT PROJECT NAME:	Bolton Metech	CLIENT PROJECT #:	70632	CLIENT P.O.#:		REQUESTED ANALYSES			
SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	COMMENTS
PH9	9.19.96/1255	X	X	X	X			1	
PI7	/	X	X	X	X			1	
PI8	/	X	X	X	X			1	
PI9	/	X	X	X	X			1	
PJ7	/	X	X	X	X			1	
PJ8	/	X	X	X	X			1	
PJ9	/	X	X	X	X			1	
PK7	/	X	X	X	X			1	
PK8	/	X	X	X	X			1	
PK9	/	X	X	X	X			1	
PK9	/	X	X	X	X			1	
PL7	/	X	X	X	X			1	
TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:			
1st	Jeff Gower	9/20/96	Jeff Gower	9/20/96	photo of 92				
2nd		/		/					
3rd		/		/					



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CHAIN-OF-CUSTODY RECORD

REPORT TO				INVOICE TO								
COMPANY Vanasse Hangen Brustlin, Inc		PHONE 617 924-1770		COMPANY SAME		PHONE						
NAME Jeff Gower		FAX 617 923-2336		NAME		FAX						
ADDRESS 101 Walnut Street				ADDRESS								
CITY/ST/ZIP Watertown, MA 02272		CLIENT PROJECT #:		CITY/ST/ZIP		TURNAROUND TIME:						
CLIENT PROJECT NAME: Boliden Metech		CLIENT P.O.#:		REQUESTED ANALYSES								
		70632.13		<div style="border: 1px solid black; padding: 5px; transform: rotate(-45deg); display: inline-block;">PCB 8080</div> COMMENTS								
SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB					WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS
PDI	9-19-96 1100		X						X			1
PDA	9-19-96 1100		X						X			1
PDB	9-19-96 1100		X						X			1
PE1	9-19-96 1100		X						X			1
PE2	9-19-96 1100		X						X			1
PE3	9-19-96 1100		X						X			1
PF1	9-19-96 1100		X						X			1
PF2	9-19-96 1100		X						X			1
PF3	9-19-96 1100		X						X			1
PG1	9-19-96 1100		X						X			1
PG2	9-19-96 1100		X						X			1
PG3	9-19-96 1100		X		X			1				
TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY		DATE/TIME	ADDITIONAL REMARKS:		COOLER TEMP:				
1st	<i>Jeff Gower</i>	9-19-96	<i>Jeff Gower</i>		9/19/96							
2nd		/			/							
3rd		/			/							



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CHAIN-OF-CUSTODY RECORD

REPORT TO		INVOICE TO							
COMPANY	Vanasse Hangen Brustlin, Inc (VHB)	COMPANY	SAME						
NAME	Jeff Gorsc	NAME							
ADDRESS	101 Walnut Street	ADDRESS							
CITY/ST/ZIP	Watertown, MA 02272	CITY/ST/ZIP							
CLIENT PROJECT NAME:	Boliden Metch	CLIENT P.O.#:							
		CLIENT PROJECT #:	70632.13						
SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE				LAB ID	# OF CONTAINERS	REQUESTED ANALYSES	COMMENTS
		GRAB	WATER	SOIL	OTHER				
PH1	9-19-96 1110	X		X			1		
PH2	9-19-96 1110	X		X			1		
PH3	9-19-96 1110	X		X			1		
PI1	9-19-96 1110	X		X			1		
PI2	9-19-96 1110	X		X			1		
PI3	9-19-96 1110	X		X			1		
PJ1	9-19-96 1110	X		X			1		
PJ2	9-19-96 1110	X		X			1		
PJ3	9-19-96 1110	X		X			1		
PK1	9-19-96 1110	X		X			1		
PK2	9-19-96 1110	X		X			1		
PK3	9-19-96 1110	X		X			1		
TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:				
1st	Jeff P. Gorsc	9:20:96	Jeff Gorsc	9/20/96	PCB BOBO				
2nd		/		/					
3rd		/		/					

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CHAIN-OF-CUSTODY RECORD

REPORT TO				INVOICE TO				
COMPANY Varnise Hagen Brustlin, Inc (VHB)		PHONE 617 924-1770		COMPANY SAME		PHONE		
NAME Jeff Gower		FAX 617 923-2336		NAME		FAX		
ADDRESS 101 Walnut Street				ADDRESS				
CITY/ST/ZIP Watertown, Ma 02272				CITY/ST/ZIP				
CLIENT PROJECT NAME: Boliden Metech				CLIENT P.O.#:				
CLIENT PROJECT #: 70632.13				REQUESTED ANALYSES				
SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE				LAB ID	# OF CONTAINERS	COMMENTS
		GRAB	WATER	SOIL	OTHER			
PL1	9.19.96 / 1125	X		X			1	PCB 8080
PL2	9.19.96 / 1125	X		X			1	
PL3	/	X		X			1	
PA4	/	X		X			1	
PA5	/	X		X			1	
PA6	/	X		X			1	
PB4	/	X		X			1	
PB5	/	X		X			1	
PB6	/	X		X			1	
PC4	/	X		X			1	
PC5	/	X		X			1	
PC6	/	X		X			1	
TSF#	REINQUISHED BY	DATE/TIME	ACCEPTED BY		DATE/TIME	ADDITIONAL REMARKS:		COOLER TEMP:
1st	<i>Jeff Gower</i>	9:20.76	<i>[Signature]</i>		9/20/96			
2nd		/			/			
3rd		/			/			

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CHAIN-OF-CUSTODY RECORD

REPORT TO		INVOICE TO								
COMPANY	Vanasse Hangen Brustlin, Inc (VHB)	COMPANY	SAME							
NAME	Jeff Gower	PHONE	924-1770							
ADDRESS	101 Walnut Street	FAX	923-2336							
CITY/ST/ZIP	Watertown, MA 02272	LAB REFERENCE #:								
CLIENT PROJECT NAME:	Boliden Metech	TURNAROUND TIME:	Standard							
CLIENT PROJECT #:	70632.13									
CLIENT P.O.#:										
SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES	COMMENTS
PD4	9-19-96/1130	X	X	X	X			1	X	
PD5	'	X	X	X	X			1	X	
PD6	'	X	X	X	X			1	X	
PES	'	X	X	X	X			1	X	
PE4	'	X	X	X	X			1	X	
PE6	'	X	X	X	X			1	X	
PF4	'	X	X	X	X			1	X	
PF5	'	X	X	X	X			1	X	
PF6	'	X	X	X	X			1	X	
PG4	'	X	X	X	X			1	X	
PG5	'	X	X	X	X			1	X	
PG6	'	X	X	X	X			1	X	
TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:		COOLER TEMP:			
1st	<i>Jeff Gower</i>	9/20/96	<i>Jeff Gower</i>	9/20/96	1 of 20					
2nd		/		/						
3rd		/		/						

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CHAIN-OF-CUSTODY RECORD

REPORT TO		INVOICE TO								
COMPANY	Vanasse Hangen Brustlin, Inc (VHB)	COMPANY	SAME							
NAME	Jeff Gower	NAME								
ADDRESS	101 Walnut Street	ADDRESS								
CITY/ST/ZIP	Watertown, MA	CITY/ST/ZIP								
CLIENT PROJECT NAME:	Boliden Metech	CLIENT PROJECT #:	70632.13							
SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES	COMMENTS
PH4	9-19-96 1140		X		X			1	PCB 8080	
PH5	/		X		X			1		
PH6	/		X		X			1		
PI4	/		X		X			1		
PI5	/		X		X			1		
PI6	/		X		X			1		
PJ4	/		X		X			1		
PJ5	/		X		X			1		
PJ6	/		X		X			1		
PK4	/		X		X			1		
PK5	/		X		X			1		
PK6	/		X		X			1		
TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:		COOLER TEMP:			
1st	Jeff Gower	9-20-96	A. Gower	9-20-96						
2nd		/		/						
3rd		/		/						

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CHAIN-OF-CUSTODY RECORD

REPORT TO		INVOICE TO									
COMPANY: <u>Vanasse Hangen Brustlin, Inc</u>	PHONE: <u>617 924-1770</u>	COMPANY: <u>SAME</u>	PHONE:								
NAME: <u>Jeff Gower</u>	FAX: <u>617 923-2336</u>	NAME:	FAX:								
ADDRESS: <u>101 Walnut Street</u>	ADDRESS:	CITY/ST/ZIP:	TURNAROUND TIME: <u>Standard</u>								
CITY/ST/ZIP: <u>Watertown, MA</u>	CLIENT PROJECT #: <u>70632-13</u>	CLIENT P.O.#:									
CLIENT PROJECT NAME: <u>Balden Metech</u>											
SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES	COMMENTS	
											DATE/TIME
PL4	9-19-96 1150	X	X		X			1	PCB 8080		
PA7	'	X	X		X			1			
PA8	'	X	X		X			1			
PA9	'	X	X		X			1			
PB7	'	X	X		X			1			
PB8	'	X	X		X			1			
PB9	'	X	X		X			1			
PC7	'	X	X		X			1			
PC8	'	X	X		X			1			
PC9	'	X	X		X			1			
PD7	'	X	X		X			1			
PD8	'	X	X		X			1			
TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:					
1st	<u>Jeff Gower</u>	<u>9:20:96</u>	<u>[Signature]</u>	<u>9:20:96</u>	<u>There are no PL5 and PL6 samples.</u>						
2nd											
3rd											



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CHAIN-OF-CUSTODY RECORD

REPORT TO				INVOICE TO						
COMPANY: <u>Vanasse Hangen Brustlin, Inc</u>		PHONE: <u>617 924-1770</u>		COMPANY: <u>SAME</u>		PHONE:				
NAME: <u>Jeff Gower</u>		FAX: <u>617 923-2336</u>		NAME:		FAX:				
ADDRESS: <u>101 Walnut Street</u>				ADDRESS:						
CITY/ST/ZIP: <u>Watkdown, MA</u>				CITY/ST/ZIP:						
CLIENT PROJECT NAME: <u>Boliden Metech</u>				CLIENT P.O.#:						
CLIENT PROJECT #: <u>70652.13</u>				REQUESTED ANALYSES:						
TSF#	SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	DATE/TIME				ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
			COMPOSITE	GRAB	WATER	SOIL				
	<u>PD9</u>	<u>9-19-96/1150</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<u>PE7</u>	<u>9-19-96/1250</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<u>PE8</u>	/	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<u>PE9</u>	/	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<u>PF7</u>	/	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<u>PF8</u>	/	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<u>PF9</u>	/	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<u>PG7</u>	/	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<u>PG8</u>	/	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<u>PG9</u>	/	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<u>PH7</u>	/	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<u>PH8</u>	/	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
1st	<u>Jeff Gower</u>	<u>9-20-96</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>None</u>	<u>None</u>
2nd		/	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3rd		/	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY



175 Metro Center Boulevard • Warwick, Rhode Island 02886-1755
 (401) 732-3400 • Fax (401) 732-3499
 1232 East Broadway Road • Suite 210 • Tempe, Arizona 85282
 (602) 303-9535 • Fax (602) 921-2883

CHAIN-OF-CUSTODY RECORD

INVOICE TO				REPORT TO						
COMPANY	Vansse Hagen Brustlin, Inc	PHONE	924-1770	COMPANY	SAME	PHONE				
NAME	Jeff Gower	FAX	923-2336	NAME		FAX				
ADDRESS	101 Walnut Street			ADDRESS						
CITY/ST/ZIP	Watertown, MA			CITY/ST/ZIP						
CLIENT PROJECT NAME:	Boliden Metech	CLIENT PROJECT #:	70632.13	CLIENT P.O.#:						
SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES	COMMENTS
PI10	9.19.96 1340		X		X			1	PCB 8080	
PI11	/		X		X			1		
PI12	/		X		X			1		
PK11	/		X		X			1		
DK12	/		X		X			1		
OG11	/		X		X			1		
DL9	/		X		X			1		
DF8	/		X		X			1		
DH7	/		X		X			1		
DK4	/		X		X			1		
DE6	/		X		X			1		
DA8	/		X		X			1		
TSF#	REMNQUISHED BY	DATE/TIME	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:			
1st	Jeffrey P. Gower	9/20/96		Jefferson	9/20/96					
2nd		/			/					
3rd		/			/					



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CHAIN-OF-CUSTODY RECORD

REPORT TO				INVOICE TO					
COMPANY Vanasse Hangen Brustlin, Inc		PHONE 617 924-1770	PHONE SAME	COMPANY SAME		PHONE	LAB REFERENCE #:		
NAME Jeff Gower		FAX 617 923-2336		NAME		FAX			
ADDRESS 101 Walnut Street		ADDRESS		ADDRESS		TURNAROUND TIME:			
CITY/ST/ZIP Watertown, MA		CITY/ST/ZIP		CITY/ST/ZIP					
CLIENT PROJECT NAME: Boliden Metech		CLIENT PROJECT #: 70632-13		CLIENT P.O.#:					
SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE				LAB ID	# OF CONTAINERS	REQUESTED ANALYSES	COMMENTS
		GRAB	WATER	SOIL	OTHER				
PL10	9-19-96/1330	X		X			1		
PL11	/	X		X			1		
PKK4	/	X		X			1		
PL12	/	X		X			1		
PJ10	/	X		X		P	1		
PGG5	/	X		X			1		
PJ11	/	X		X			1		
PJ12	/	X		X			1		
PII8	/	X		X			1		
PK10	/	X		X			1		
PK11	/	X		X			1		
PK12	/	X		X			1		
TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:		COOLER TEMP:		
1st	<i>Jeff Gower</i>	9/20/96	<i>Paterson</i>	9/20/96					
2nd		/		/					
3rd		/		/					

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CHAIN-OF-CUSTODY RECORD

INVOICE TO				REPORT TO						
COMPANY	Vanasse Hangen Brustlin, Inc	PHONE	924-1770	COMPANY	SAME	PHONE				
NAME	Jeff Gower	FAX	923-2336	NAME		FAX				
ADDRESS	101 Walnut Street			ADDRESS						
CITY/ST/ZIP	Waketown, MA			CITY/ST/ZIP						
CLIENT PROJECT NAME:	Boliden Metech	CLIENT PROJECT #:	70632.13	CLIENT P.O.#:						
SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES	COMMENTS
		DB5	9/19/96 1350	X	X	X				
DD1			X	X	X			1		
D66			X	X	X			1		
DI2			X	X	X			1		
DK01			X	X	X			1		
TSF#	REQUISITIONED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:		COOLER TEMP:			
1st	<i>Jeff Gower</i>	9/29/96	<i>Jeff Gower</i>	7/20/96/0800						
2nd										
3rd										

WHITE: LABORATORY COPY

YELLOW: REPORT COPY

PINK: CLIENT'S COPY

MITKEM CORPORATION

Lab Project #: C0995

Client Name: **VHB, Inc.**

Client Project #: **70632.13**

Client PO #:

Project Name: **Boliden Metech, Inc.**

Date Due: **10/4/96**

Total Price: \$ **-**

Deliverables Req'd: **PER RFP (CLP LIKE)**

Case Completed: **YES**

Logged In By: MS

Reviewed By: DK

Date: 9/20/96

Time: 17:45

<u>Lab ID</u>	<u>Client ID</u>	<u>Matrix</u>	<u>Analysis</u>	<u>Price</u>	<u>Sampled</u>	<u>Received</u>	<u>Comments</u>
-01MS/MSD	PL8	SL	PCB		9/19/96	9/20/96	
-02	PL9	SL	PCB		9/19/96	9/20/96	
-03	PEE7	SL	PCB		9/19/96	9/20/96	
-04	PG10	SL	PCB		9/19/96	9/20/96	
-05	PG11	SL	PCB		9/19/96	9/20/96	
-06	PG12	SL	PCB		9/19/96	9/20/96	
-07	PHH2	SL	PCB		9/19/96	9/20/96	
-08	PH10	SL	PCB		9/19/96	9/20/96	
-09	PH11	SL	PCB		9/19/96	9/20/96	
-10	PH12	SL	PCB		9/19/96	9/20/96	
-11	PH9	SL	PCB		9/19/96	9/20/96	
-12	PI7	SL	PCB		9/19/96	9/20/96	
-13	PI8	SL	PCB		9/19/96	9/20/96	

MITKEM CORPORATION

<u>Lab ID</u>	<u>Client ID</u>	<u>Matrix</u>	<u>Analysis</u>	<u>Price</u>	<u>Sampled</u>	<u>Received</u>	<u>Comments</u>
-14	PI9	SL	PCB		9/19/96	9/20/96	
-15	PJ7	SL	PCB		9/19/96	9/20/96	
-16	PJ8	SL	PCB		9/19/96	9/20/96	
-17	PJ9	SL	PCB		9/19/96	9/20/96	
-18	PK7	SL	PCB		9/19/96	9/20/96	
-19	PK8	SL	PCB		9/19/96	9/20/96	
-20	PK9	SL	PCB		9/19/96	9/20/96	
-21/MSD	PL7	SL	PCB		9/19/96	9/20/96	
-22	PD1	SL	PCB		9/19/96	9/20/96	
-23	PD2	SL	PCB		9/19/96	9/20/96	
-24	PD3	SL	PCB		9/19/96	9/20/96	
-25	PE1	SL	PCB		9/19/96	9/20/96	
-26	PE2	SL	PCB		9/19/96	9/20/96	
-27	PE3	SL	PCB		9/19/96	9/20/96	
-28	PF1	SL	PCB		9/19/96	9/20/96	
-29	PF2	SL	PCB		9/19/96	9/20/96	
-30	PF3	SL	PCB		9/19/96	9/20/96	
-31	PG1	SL	PCB		9/19/96	9/20/96	

MITKEM CORPORATION

<u>Lab ID</u>	<u>Client ID</u>	<u>Matrix</u>	<u>Analysis</u>	<u>Price</u>	<u>Sampled</u>	<u>Received</u>	<u>Comments</u>
-32	PG2	SL	PCB		9/19/96	9/20/96	
-33	PG3	SL	PCB		9/19/96	9/20/96	
-34	PH1	SL	PCB		9/19/96	9/20/96	
-35	PH2	SL	PCB		9/19/96	9/20/96	
-36	PH3	SL	PCB		9/19/96	9/20/96	
-37	PI1	SL	PCB		9/19/96	9/20/96	
-38	PI2	SL	PCB		9/19/96	9/20/96	
-39	PI3	SL	PCB		9/19/96	9/20/96	
-40	PJ1	SL	PCB		9/19/96	9/20/96	
-41/MS/MSD	PJ2	SL	PCB		9/19/96	9/20/96	
-42	PJ3	SL	PCB		9/19/96	9/20/96	
-43	PK1	SL	PCB		9/19/96	9/20/96	
-44	PK2	SL	PCB		9/19/96	9/20/96	
-45	PK3	SL	PCB		9/19/96	9/20/96	
-46	PL1	SL	PCB		9/19/96	9/20/96	
-47	PL2	SL	PCB		9/19/96	9/20/96	
-48	PL3	SL	PCB		9/19/96	9/20/96	
-49	PA4	SL	PCB		9/19/96	9/20/96	
-50	PA5	SL	PCB		9/19/96	9/20/96	

MITKEM CORPORATION

<u>Lab ID</u>	<u>Client ID</u>	<u>Matrix</u>	<u>Analysis</u>	<u>Price</u>	<u>Sampled</u>	<u>Received</u>	<u>Comments</u>
-51	PA6	SL	PCB		9/19/96	9/20/96	
-52	PB4	SL	PCB		9/19/96	9/20/96	
-53	PB5	SL	PCB		9/19/96	9/20/96	
-54	PB6	SL	PCB		9/19/96	9/20/96	
-55	PC4	SL	PCB		9/19/96	9/20/96	
-56	PC5	SL	PCB		9/19/96	9/20/96	
-57	PC6	SL	PCB		9/19/96	9/20/96	
-58	PD4	SL	PCB		9/19/96	9/20/96	
-59	PD5	SL	PCB		9/19/96	9/20/96	
-60	PD6	SL	PCB		9/19/96	9/20/96	
-61/MS/MSD	PE5	SL	PCB		9/19/96	9/20/96	
-62	PE4	SL	PCB		9/19/96	9/20/96	
-63	PE6	SL	PCB		9/19/96	9/20/96	
-64	PF4	SL	PCB		9/19/96	9/20/96	
-65	PF5	SL	PCB		9/19/96	9/20/96	
-66	PF6	SL	PCB		9/19/96	9/20/96	
-67	PG4	SL	PCB		9/19/96	9/20/96	
-68	PG5	SL	PCB		9/19/96	9/20/96	

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MITKEM CORPORATION

<u>Lab ID</u>	<u>Client ID</u>	<u>Matrix</u>	<u>Analysis</u>	<u>Price</u>	<u>Sampled</u>	<u>Received</u>	<u>Comments</u>
-69	PG6	SL	PCB		9/19/96	9/20/96	
-70	PH4	SL	PCB		9/19/96	9/20/96	
-71	PH5	SL	PCB		9/19/96	9/20/96	
-72	PH6	SL	PCB		9/19/96	9/20/96	
-73	PI4	SL	PCB		9/19/96	9/20/96	
-74	PI5	SL	PCB		9/19/96	9/20/96	
-75	PI6	SL	PCB		9/19/96	9/20/96	
-76	PJ4	SL	PCB		9/19/96	9/20/96	
-77	PJ5	SL	PCB		9/19/96	9/20/96	
-78	PJ6	SL	PCB		9/19/96	9/20/96	
-79/MS/MSD	PK4	SL	PCB		9/19/96	9/20/96	
-80	PK5	SL	PCB		9/19/96	9/20/96	
-81	PK6	SL	PCB		9/19/96	9/20/96	
-82	PL4	SL	PCB		9/19/96	9/20/96	
-83	PA7	SL	PCB		9/19/96	9/20/96	
-84	PA8	SL	PCB		9/19/96	9/20/96	
-85	PA9	SL	PCB		9/19/96	9/20/96	
-86	PB7	SL	PCB		9/19/96	9/20/96	
-87	PB8	SL	PCB		9/19/96	9/20/96	

MITKEM CORPORATION

<u>Lab ID</u>	<u>Client ID</u>	<u>Matrix</u>	<u>Analysis</u>	<u>Price</u>	<u>Sampled</u>	<u>Received</u>	<u>Comments</u>
-88	PB9	SL	PCB		9/19/96	9/20/96	
-89	PC7	SL	PCB		9/19/96	9/20/96	
-90	PC8	SL	PCB		9/19/96	9/20/96	
-91	PC9	SL	PCB		9/19/96	9/20/96	
-92	PD7	SL	PCB		9/19/96	9/20/96	
-93	PD8	SL	PCB		9/19/96	9/20/96	
-94	PD9	SL	PCB		9/19/96	9/20/96	
-95	PE7	SL	PCB		9/19/96	9/20/96	
-96	PE8	SL	PCB		9/19/96	9/20/96	
-97	PE9	SL	PCB		9/19/96	9/20/96	
-98	PF7	SL	PCB		9/19/96	9/20/96	
-99	PF8	SL	PCB		9/19/96	9/20/96	
-100	PF9	SL	PCB		9/19/96	9/20/96	
-101/MS/MSD	PG7	SL	PCB		9/19/96	9/20/96	
-102	PG8	SL	PCB		9/19/96	9/20/96	
-103	PG9	SL	PCB		9/19/96	9/20/96	
-104	PH7	SL	PCB		9/19/96	9/20/96	
-105	PH8	SL	PCB		9/19/96	9/20/96	

MITKEM CORPORATION

<u>Lab ID</u>	<u>Client ID</u>	<u>Matrix</u>	<u>Analysis</u>	<u>Price</u>	<u>Sampled</u>	<u>Received</u>	<u>Comments</u>
-106	PI10	SL	PCB		9/19/96	9/20/96	
-107	PI11	SL	PCB		9/19/96	9/20/96	
-108	PKK11	SL	PCB		9/19/96	9/20/96	
-109	PI12	SL	PCB		9/19/96	9/20/96	
-110	DK12	SL	PCB		9/19/96	9/20/96	
-111	DG11	SL	PCB		9/19/96	9/20/96	
-112	DL9	SL	PCB		9/19/96	9/20/96	
-113	DF8	SL	PCB		9/19/96	9/20/96	
-114	DH7	SL	PCB		9/19/96	9/20/96	
-115	DK4	SL	PCB		9/19/96	9/20/96	
-116	DE6	SL	PCB		9/19/96	9/20/96	
-117	DA8	SL	PCB		9/19/96	9/20/96	
-118	PL10	SL	PCB		9/19/96	9/20/96	
-119	PL11	SL	PCB		9/19/96	9/20/96	
-120	PKK4	SL	PCB		9/19/96	9/20/96	
-121/MS/MSD	PL12	SL	PCB		9/19/96	9/20/96	
-122	PJ10	SL	PCB		9/19/96	9/20/96	
-123	PGG5	SL	PCB		9/19/96	9/20/96	
-124	PJ11	SL	PCB		9/19/96	9/20/96	

MITKEM CORPORATION

<u>Lab ID</u>	<u>Client ID</u>	<u>Matrix</u>	<u>Analysis</u>	<u>Price</u>	<u>Sampled</u>	<u>Received</u>	<u>Comments</u>
-125	PJ12	SL	PCB		9/19/96	9/20/96	
-126	PII8	SL	PCB		9/19/96	9/20/96	
-127	PK10	SL	PCB		9/19/96	9/20/96	
-128	PK11	SL	PCB		9/19/96	9/20/96	
-129	PK12	SL	PCB		9/19/96	9/20/96	
-130	DB5	SL	PCB		9/19/96	9/20/96	
-131	DD1	SL	PCB		9/19/96	9/20/96	
-132	DG6	SL	PCB		9/19/96	9/20/96	
-133	DI2	SL	PCB		9/19/96	9/20/96	
-134	DKO1	SL	PCB		9/19/96	9/20/96	

NOTES:

ORIGINAL REPORT GOES TO:

VHB, Inc.
 101 Walnut Street
 Watertown, MA 02272
 ATT: Dave Carlson
 Phone: 617 924-1770
 Fax: 617 923-2336

TPH 0 **IR** 0 **BNA** 0 **Herb** 0 **P/P** 148 **Wet** 0 **Met** 0 **VOA** 1 **Sub** 0

INVOICE GOES TO:

same

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113A.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113A.D\CONFIRM.D
 Acq On : 13 Nov 96 10:00 AM
 Sample : PCB COGENERATORS 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 11:04 1996

Vial: 1
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 11:03:55 1996
 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	4.04	6.44	5441	4241	21.825	21.720
			Recovery	=	109.13%	108.60%
2) S Decachlorobiphenyl	22.17	30.40	4827	1746	23.724	17.974
			Recovery	=	118.62%	89.87%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.18	11.67	27837	25242	257.612	260.793
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	46165	42534	246.873	251.628
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	8.18	0.00	27837	0	431.380	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.67	0	25242	N.D.	499.719 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			27837	25242	431.380	499.719
Average Aroclor-1242					431.380	499.719
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113A.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113A.D\CONFIRM.D
 Acq On : 13 Nov 96 10:00 AM
 Sample : PCB COGENERATORS 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 11:04 1996

Vial: 1
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 11:03:55 1996
 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
21) L5 Aroclor-1248 {3}	11.16f	0.00	688	0	22.619	N.D. #
Total Aroclor-1248			688	0	22.619	N.D.
Average Aroclor-1248					22.619	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}	13.85	0.00	337	0	10.045	N.D. #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	15.73	0.00	347	0	6.431	N.D. #
Total Aroclor-1254			684	0	16.476	N.D.
Average Aroclor-1254					8.238	0.000
27) L7 Aroclor-1260	13.85	0.00	337	0	9.753	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			337	0	9.753	N.D.
Average Aroclor-1260					9.753	0.000
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	19.04	0.00	225	0	NoCal	N.D.
32) L8 Aroclor-1268 {3}	21.77f	0.00	344	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

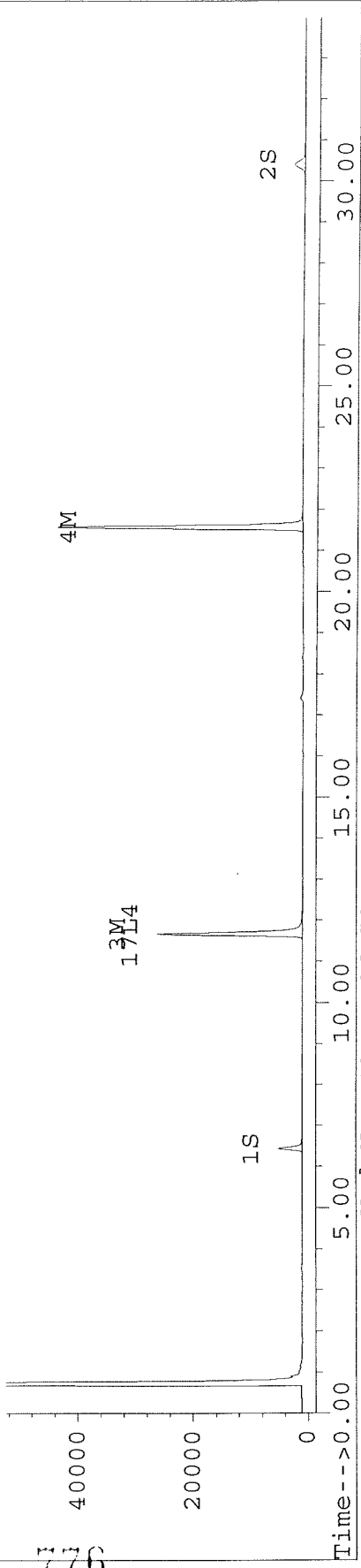
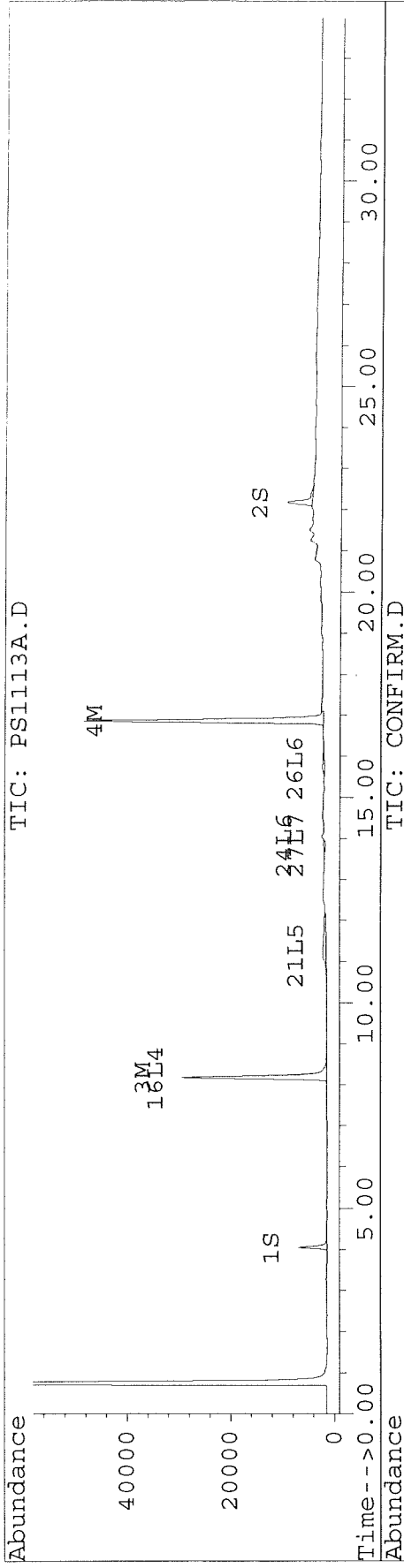
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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113A.D Vial: 1
Signal #2 : D:\HPCHEM\5\13NOV96\PS1113A.D\CONFIRM.D
Acq On : 13 Nov 96 10:00 AM Operator: JS
Sample : PCB COGENERS 0.25 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 13 11:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 11:03:55 1996
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 : D:\HPCHEM\5\13NOV96\PS1113B.D Vial: 2
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113B.D\CONFIRM.D
 Acq On : 13 Nov 96 10:37 AM Operator: JS
 Sample : AR1254 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 13 11:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 11:03:55 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.44	5574	4283	22.361	21.936
			Recovery	=	111.81%	109.68%
2) S Decachlorobiphenyl	22.17	30.40	4790	1790	23.545	18.427
			Recovery	=	117.73%	92.14%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	310	229	2.871	2.365
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	3446	2405	18.430	14.225
5) L1 Aroclor-1016	6.76	8.81	180	56	5.612	4.434
6) L1 Aroclor-1016 {2}	8.89	10.33	94	157	5.513	5.573
7) L1 Aroclor-1016 {3}	9.24f	12.26	5974	73	231.514	4.279 #
Total Aroclor-1016			6247	286	242.638	14.286
Average Aroclor-1016					80.879	4.762
8) L2 Aroclor-1221	4.99	0.00	17	0	2.480	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.65	8.81f	71	56	3.526	3.677
Total Aroclor-1221			89	56	6.006	3.677
Average Aroclor-1221					3.003	3.677
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	5.65	8.81	71	56	2.997	2.982
15) L4 Aroclor-1242 {2}	6.76	10.33	180	157	4.246	4.232
16) L4 Aroclor-1242 {3}	8.17	11.39	310	54	4.808	3.394 #
17) L4 Aroclor-1242 (4)	8.55	11.66	115	229	4.263	4.532
18) L4 Aroclor-1242 (5)	8.89	12.26	94	73	4.223	3.262
Total Aroclor-1242			770	569	20.536	18.402
Average Aroclor-1242					4.107	3.680
19) L5 Aroclor-1248	0.00	14.76f	0	777804	N.D.	40.092 #
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113B.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113B.D\CONFIRM.D
 Acq On : 13 Nov 96 10:37 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 11:13 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 11:03:55 1996
 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
21) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	804	N.D.	40.092
Average Aroclor-1248					0.000	40.092
22) L6 Aroclor-1254	13.02	17.17	7209	6008	207.904	192.288
23) L6 Aroclor-1254 {2}	13.36	17.56	14824	13665	205.974	197.921
24) L6 Aroclor-1254 {3}	13.86	17.99	6877	8436	204.684	193.625
25) L6 Aroclor-1254 (4)	14.20	18.51	9341	5480	199.662	195.328
26) L6 Aroclor-1254 (5)	15.75	20.04	11081	8491	205.551	193.681
Total Aroclor-1254			49331	42080	1023.776	972.842
Average Aroclor-1254					204.755	194.568
27) L7 Aroclor-1260	13.86	18.19	6877	5045	198.746	155.295
28) L7 Aroclor-1260 {2}	14.64	18.51	6315	5480	159.144	149.114
29) L7 Aroclor-1260 {3}	17.85	21.92	1508	1312	27.306	24.239
Total Aroclor-1260			14700	11837	385.197	328.648
Average Aroclor-1260					128.399	109.549
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	18.97f	0.00	1112	0	NoCal	N.D.
32) L8 Aroclor-1268 {3}	21.77f	0.00	264	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

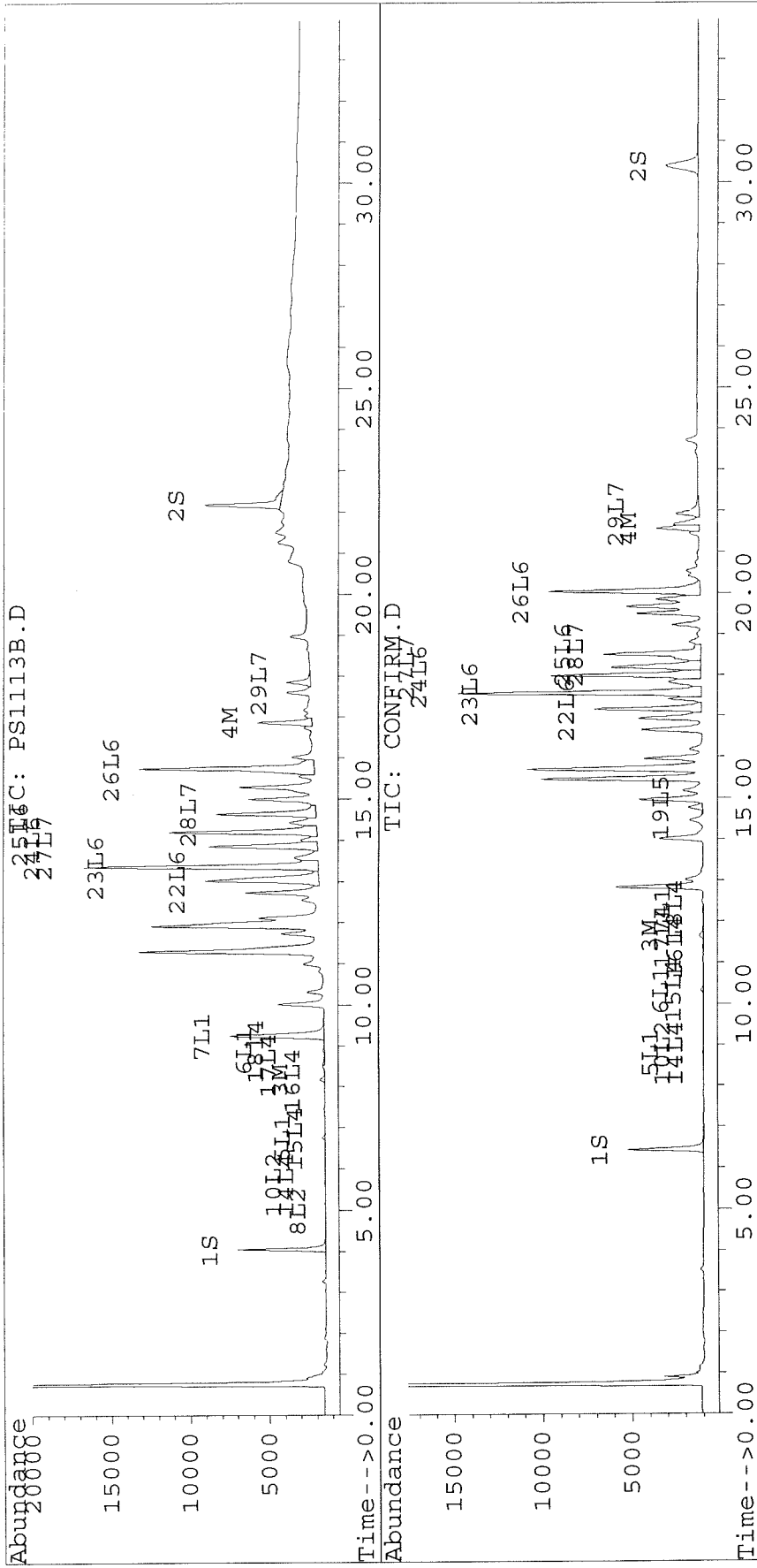
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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113B.D Vial: 2
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113B.D\CONFIRM.D
 Acq On : 13 Nov 96 10:37 AM Operator: JS
 Sample : AR1254 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 13 11:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 11:03:55 1996
 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 : D:\HPCHEM\5\13NOV96\PS1113C.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113C.D\CONFIRM.D
 Acq On : 13 Nov 96 11:15 AM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 11:51 1996

Vial: 3

Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 11:03:55 1996
 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	4.04	6.44	5268	4107	21.134	21.031
			Recovery	=	105.67%	105.16%
2) S Decachlorobiphenyl	22.17	30.39	4269	1627	20.980	16.749
			Recovery	=	104.90%	83.74%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	13017	9385	120.464	96.964
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	429	80	2.296	0.473 #
5) L1 Aroclor-1016	6.75	8.80	7902	3629	246.632	285.044
6) L1 Aroclor-1016 {2}	8.88	10.32	3919	6977	230.426	247.547
7) L1 Aroclor-1016 {3}	9.27	12.25	6315	4033	244.759	237.928
Total Aroclor-1016			18136	14639	721.818	770.519
Average Aroclor-1016					240.606	256.840
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.64	8.80f	4421	3629	218.776	236.365
Total Aroclor-1221			4421	3629	218.776	236.365
Average Aroclor-1221					218.776	236.365
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	5.64	8.80	4421	3629	185.916	191.702
15) L4 Aroclor-1242 {2}	6.75	10.32	7902	6977	186.599	188.003
16) L4 Aroclor-1242 {3}	8.17	11.38	13017	2952	201.721	185.498
17) L4 Aroclor-1242 (4)	8.56	11.65	4869	9385	180.521	185.799
18) L4 Aroclor-1242 (5)	8.88	12.25	3919	4033	176.501	181.387
Total Aroclor-1242			34127	26976	931.258	932.389
Average Aroclor-1242					186.252	186.478
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113C.D Vial: 3
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113C.D\CONFIRM.D
 Acq On : 13 Nov 96 11:15 AM Operator: JS
 Sample : AR1242 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 13 11:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 11:03:55 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	13.03	17.18	1093	663	31.528	21.225 #
23) L6 Aroclor-1254 {2}	13.36	17.56	1572	1251	21.846	18.118
24) L6 Aroclor-1254 {3}	13.85	18.00	884	743	26.297	17.051 #
25) L6 Aroclor-1254 (4)	14.20	0.00	1013	0	21.656	N.D. #
26) L6 Aroclor-1254 (5)	15.75	20.05	491	143	9.116	3.254 #
Total Aroclor-1254			5054	2800	110.443	59.648
Average Aroclor-1254					22.089	14.912
27) L7 Aroclor-1260	13.85	18.20	884	107	25.534	3.303 #
28) L7 Aroclor-1260 {2}	14.64	0.00	447	0	11.275	N.D. #
29) L7 Aroclor-1260 {3}	17.85	21.93	71	54	1.292	0.995
Total Aroclor-1260			1402	161	38.101	4.298
Average Aroclor-1260					12.700	2.149
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	19.04	0.00	146	0	NoCal	N.D.
32) L8 Aroclor-1268 {3}	0.00	28.14f	0	11	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

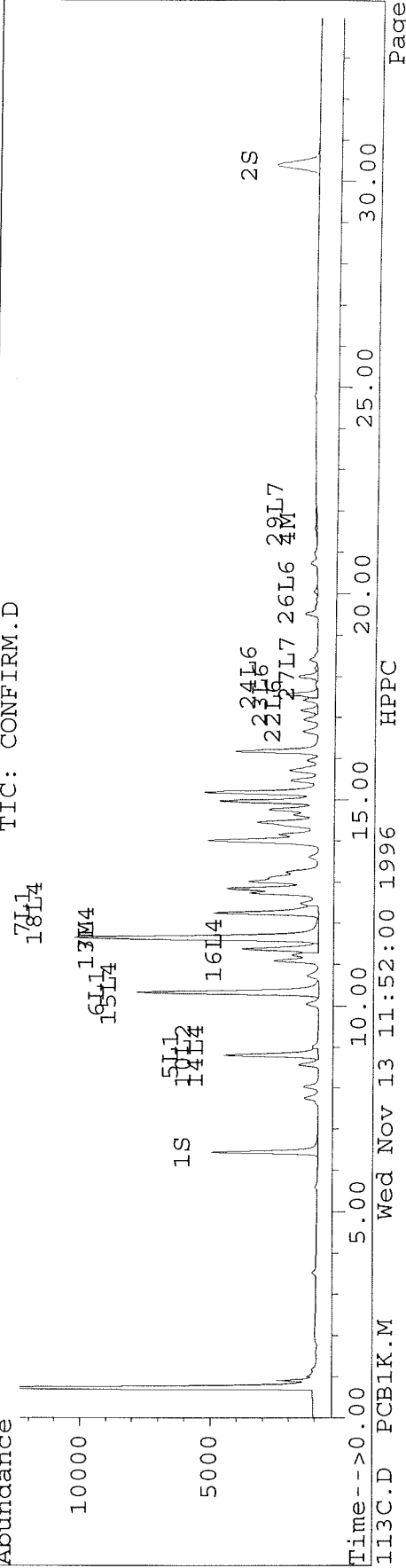
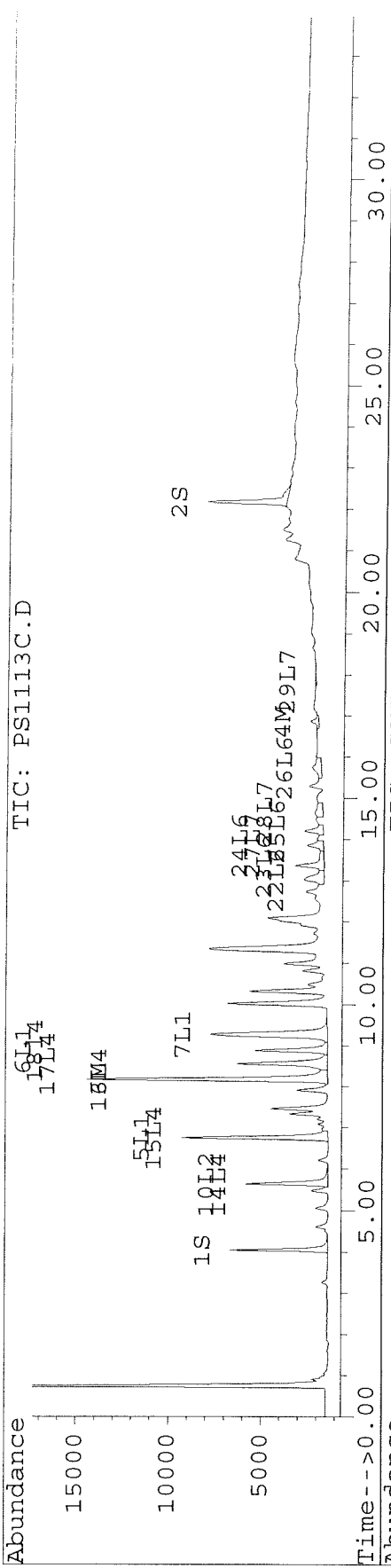
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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113C.D Vial: 3
Signal #2 : D:\HPCHEM\5\13NOV96\PS1113C.D\CONFIRM.D
Acq On : 13 Nov 96 11:15 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 13 11:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 11:03:55 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\13NOV96\PS1113D.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113D.D\CONFIRM.D
 Acq On : 13 Nov 96 11:52 AM
 Sample : AR1660 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 12:28 1996

Vial: 4
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 11:03:55 1996
 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	4.04	6.44	4846	3880	19.439	19.872
			Recovery	=	97.19%	99.36%
2) S Decachlorobiphenyl	22.16	30.39	4161	1598	20.450	16.450
			Recovery	=	102.25%	82.25%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	16573	12425	153.366	128.371
4) M 2,2',3,3',4,4'-Hexa	16.88	21.59	8860	1709	47.377	10.109 #
5) L1 Aroclor-1016	6.76	8.80	10083	4088	314.706	321.116
6) L1 Aroclor-1016 {2}	8.88	10.32	5115	9022	300.758	320.133
7) L1 Aroclor-1016 {3}	9.28	12.25	8154	5239	316.000	309.077
Total Aroclor-1016			23352	18350	931.464	950.326
Average Aroclor-1016					310.488	316.775
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.64	8.80f	4806	4088	237.829	266.276
Total Aroclor-1221			4806	4088	237.829	266.276
Average Aroclor-1221					237.829	266.276
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	5.64	8.80	4806	4088	202.107	215.962
15) L4 Aroclor-1242 {2}	6.76	10.32	10083	9022	238.103	243.129
16) L4 Aroclor-1242 {3}	8.17	11.38	16573	3818	256.817	239.897
17) L4 Aroclor-1242 (4)	8.56	11.66	6261	12425	232.129	245.979
18) L4 Aroclor-1242 (5)	8.88	12.25	5115	5239	230.374	235.629
Total Aroclor-1242			42837	34593	1159.529	1180.596
Average Aroclor-1242					231.906	236.119
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113D.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113D.D\CONFIRM.D
 Acq On : 13 Nov 96 11:52 AM
 Sample : AR1660 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 12:28 1996

Vial: 4
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 11:03:55 1996
 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
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	17.18	0	639	N.D.	20.437 #
23) L6 Aroclor-1254 {2}	13.38	17.55	6594	5920	91.623	85.743
24) L6 Aroclor-1254 {3}	13.86	0.00	10864	0	323.350	N.D. #
25) L6 Aroclor-1254 (4)	14.22	18.51	1210	11220	25.873	399.958 #
26) L6 Aroclor-1254 (5)	15.75	20.04	11629	9315	215.718	212.480
Total Aroclor-1254			30297	27094	656.565	718.618
Average Aroclor-1254					164.141	179.655
27) L7 Aroclor-1260	13.86	18.19	10864	10151	313.969	312.463
28) L7 Aroclor-1260 {2}	14.64	18.51	12300	11220	309.963	305.329
29) L7 Aroclor-1260 {3}	17.85	21.92	16421	15971	297.304	294.973
Total Aroclor-1260			39585	37342	921.235	912.765
Average Aroclor-1260					307.078	304.255
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	0.00	23.55	0	1720	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	28.14f	0	564	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

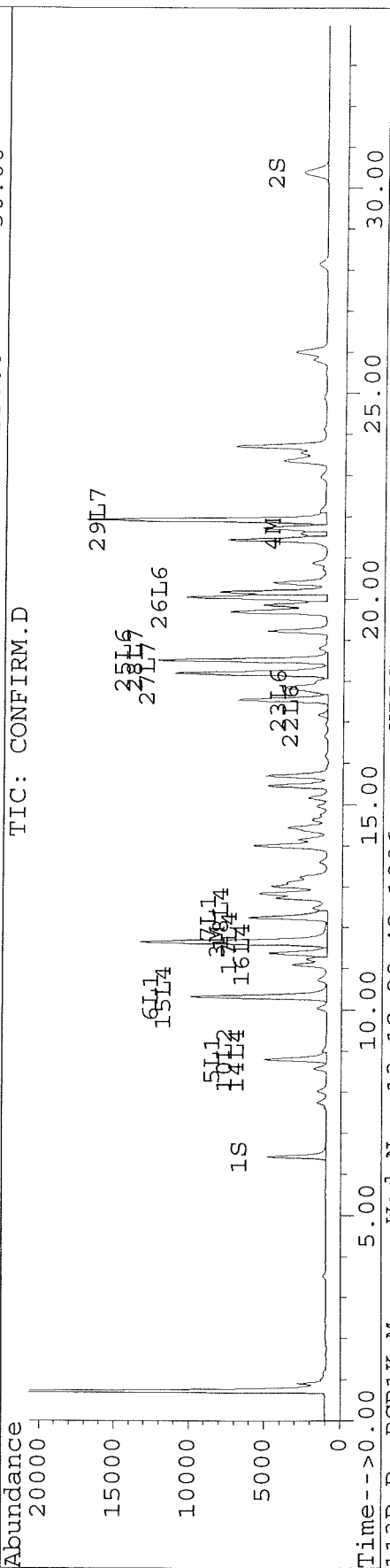
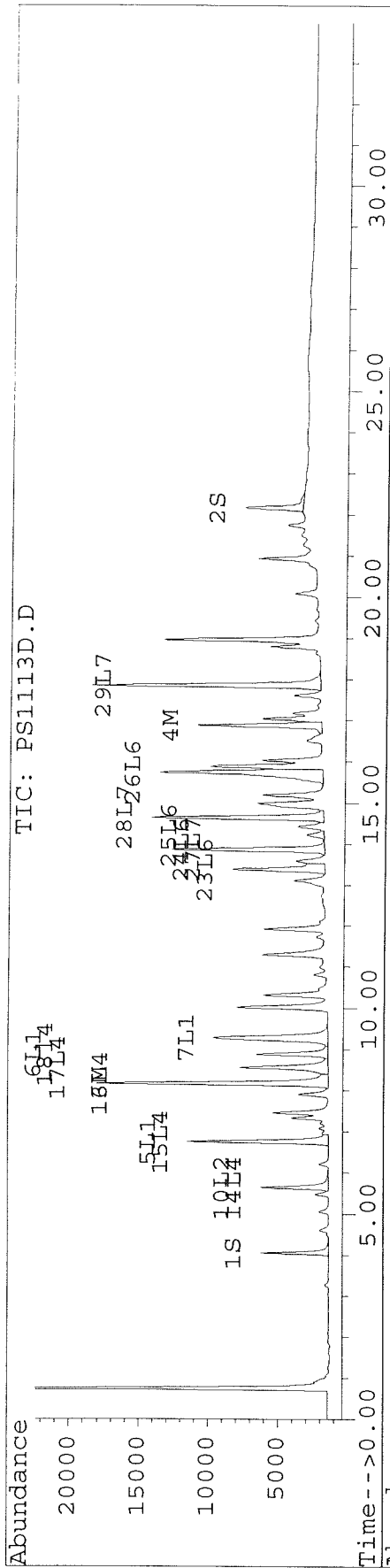
784

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113D.D Vial: 4
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113D.D\CONFIRM.D
 Acq On : 13 Nov 96 11:52 AM Operator: JS
 Sample : AR1660 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 13 12:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 11:03:55 1996
 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 : D:\HPCHEM\5\13NOV96\PS1113E.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113E.D\CONFIRM.D
 Acq On : 13 Nov 96 12:30 PM
 Sample : AR1248 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 14:57 1996

Vial: 5
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.44	4159	3376	16.683	17.291
			Recovery	=	83.41%	86.46%
2) S Decachlorobiphenyl	22.16	30.39	3829	1480	18.819	15.236
			Recovery	=	94.10%	76.18%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	8213	5956	76.009	61.535
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	317	162	1.696	0.961 #
5) L1 Aroclor-1016	6.76	8.80	4072	365	127.082	28.689 #
6) L1 Aroclor-1016 {2}	8.88	10.32	2768	3582	162.749	127.106
7) L1 Aroclor-1016 {3}	9.27	12.25	10402	1943	403.154	114.603 #
Total Aroclor-1016			17242	5890	692.985	270.398
Average Aroclor-1016					230.995	90.133
8) L2 Aroclor-1221	5.05	8.03	44	43	6.330	7.052
9) L2 Aroclor-1221 {2}	5.48	8.57	59	54	10.086	11.092
10) L2 Aroclor-1221 {3}	5.65	8.80	426	365	21.059	23.789
Total Aroclor-1221			529	462	37.475	41.933
Average Aroclor-1221					12.492	13.978
11) L3 Aroclor-1232	5.65	8.80	426	365	23.328	25.485
12) L3 Aroclor-1232 {2}	6.76	10.32	4072	3582	298.338	298.177
13) L3 Aroclor-1232 {3}	8.56	12.25	2638	1943	318.652	280.162
Total Aroclor-1232			7135	5890	640.318	603.824
Average Aroclor-1232					213.439	201.275
14) L4 Aroclor-1242	5.65	8.80	426	365	17.896	19.294
15) L4 Aroclor-1242 {2}	6.76	10.32	4072	3582	96.149	96.533
16) L4 Aroclor-1242 {3}	8.17	11.39	8213	1019	127.280	64.019 #
17) L4 Aroclor-1242 (4)	8.56	11.65	2638	5956	97.801	117.911
18) L4 Aroclor-1242 (5)	8.88	12.25	2768	1943	124.662	87.369 #
Total Aroclor-1242			18116	12865	463.787	385.125
Average Aroclor-1242					92.757	77.025
19) L5 Aroclor-1248	9.27	14.96	10402	7102	369.113	354.202
20) L5 Aroclor-1248 {2}	10.02	15.17	8830	78691	375.802	353.401

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113E.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113E.D\CONFIRM.D
 Acq On : 13 Nov 96 12:30 PM
 Sample : AR1248 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 14:57 1996

Vial: 5
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.34	16.18	11048	5490	362.961	354.798
Total Aroclor-1248			30280	19884	1107.876	1062.401
Average Aroclor-1248					369.292	354.134
22) L6 Aroclor-1254	13.03	17.17	2499	1969	72.058	63.012
23) L6 Aroclor-1254 {2}	13.36	17.56	4122	3815	57.269	55.260
24) L6 Aroclor-1254 {3}	13.85	17.99	1748	2360	52.041	54.166
25) L6 Aroclor-1254 (4)	14.20	0.00	2582	0	55.199	N.D. #
26) L6 Aroclor-1254 (5)	15.75	20.05	702	470	13.013	10.716
Total Aroclor-1254			11653	8614	249.581	183.154
Average Aroclor-1254					49.916	45.788
27) L7 Aroclor-1260	13.85	18.19	1748	361	50.531	11.121 #
28) L7 Aroclor-1260 {2}	14.65	0.00	467	0	11.780	N.D. #
29) L7 Aroclor-1260 {3}	17.85	21.93	129	119	2.336	2.207
Total Aroclor-1260			2345	481	64.646	13.328
Average Aroclor-1260					21.549	6.664
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	18.98	0.00	135	0	NoCal	N.D.
32) L8 Aroclor-1268 {3}	0.00	28.15f	0	13	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

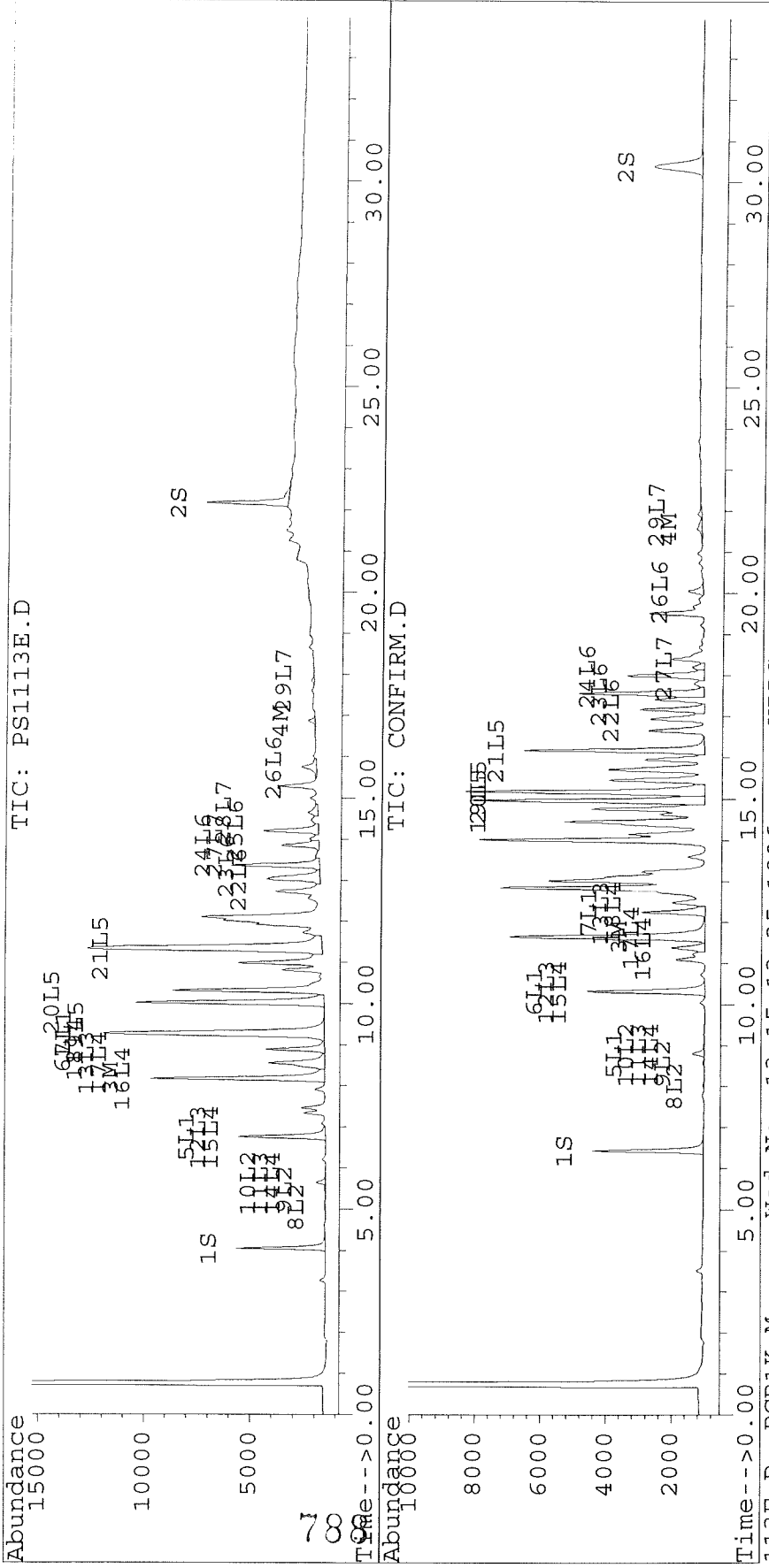
787

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113E.D Vial: 5
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113E.D\CONFIRM.D
 Acq On : 13 Nov 96 12:30 PM Operator: JS
 Sample : AR1248 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 13 14:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\PS1113F.D Vial: 6
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113F.D\CONFIRM.D
 Acq On : 13 Nov 96 01:07 PM Operator: JS
 Sample : AR1232 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 13 14:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4412	3449	17.698	17.665
			Recovery	=	88.49%	88.33%
2) S Decachlorobiphenyl	22.17	30.39	3919	1569	19.263	16.156
			Recovery	=	96.32%	80.78%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	7106	5090	65.762	52.592
4) M 2,2',3,3',4,4'-Hexa	16.88	21.58	93	46	0.497	0.272 #
5) L1 Aroclor-1016	6.76	8.79	4658	4771	145.398	374.754 #
6) L1 Aroclor-1016 {2}	8.88	10.32	2070	4285	121.723	152.044
7) L1 Aroclor-1016 {3}	9.28	12.25	3174	2233	123.018	131.755
Total Aroclor-1016			9903	11289	390.139	658.553
Average Aroclor-1016					130.046	219.518
8) L2 Aroclor-1221	5.05	8.02	1688	1455	240.863	237.865
9) L2 Aroclor-1221 {2}	5.47	8.57	1553	1325	266.115	271.562
10) L2 Aroclor-1221 {3}	5.64	8.79	5957	4771	294.792	310.754
Total Aroclor-1221			9197	7550	801.770	820.182
Average Aroclor-1221					267.257	273.394
11) L3 Aroclor-1232	5.64	8.79	5957	4771	326.558	332.912
12) L3 Aroclor-1232 {2}	6.76	10.32	4658	4285	341.337	356.678
13) L3 Aroclor-1232 {3}	8.56	12.25	2685	2233	324.421	322.092
Total Aroclor-1232			13300	11289	992.315	1011.682
Average Aroclor-1232					330.772	337.227
14) L4 Aroclor-1242	5.64	8.79	5957	4771	250.514	252.036
15) L4 Aroclor-1242 {2}	6.76	10.32	4658	4285	110.006	115.472
16) L4 Aroclor-1242 {3}	8.17	11.38	7106	1687	110.121	105.962
17) L4 Aroclor-1242 (4)	8.56	11.65	2685	5090	99.571	100.775
18) L4 Aroclor-1242 (5)	8.88	12.25	2070	2233	93.237	100.445
Total Aroclor-1242			22477	18066	663.449	674.690
Average Aroclor-1242					132.690	134.938
19) L5 Aroclor-1248	9.28	14.96	3174	1761	112.631	87.802
20) L5 Aroclor-1248 {2}	10.02	15.17	2554	2071	108.684	100.384

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113F.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113F.D\CONFIRM.D
 Acq On : 13 Nov 96 01:07 PM
 Sample : AR1232 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 14:57 1996

Vial: 6
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.35	16.18	2880	1495	94.599	96.593
Total Aroclor-1248			8607	5326	315.914	284.779
Average Aroclor-1248					105.305	94.926
22) L6 Aroclor-1254	13.03	17.18	421	271	12.151	8.685 #
23) L6 Aroclor-1254 {2}	13.37	17.56	583	510	8.100	7.380
24) L6 Aroclor-1254 {3}	13.86	18.00	362	310	10.761	7.112 #
25) L6 Aroclor-1254 (4)	14.21	18.50	354	79	7.561	2.805 #
26) L6 Aroclor-1254 (5)	15.75	20.05	177	78	3.283	1.776 #
Total Aroclor-1254			1897	1247	41.856	27.758
Average Aroclor-1254					8.371	5.552
27) L7 Aroclor-1260	13.86	18.20	362	75	10.449	2.309 #
28) L7 Aroclor-1260 {2}	14.65	18.50	170	79	4.283	2.142 #
29) L7 Aroclor-1260 {3}	17.85	21.93	62	95	1.129	1.756 #
Total Aroclor-1260			594	249	15.862	6.207
Average Aroclor-1260					5.287	2.069
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	19.00	0.00	93	0	NoCal	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

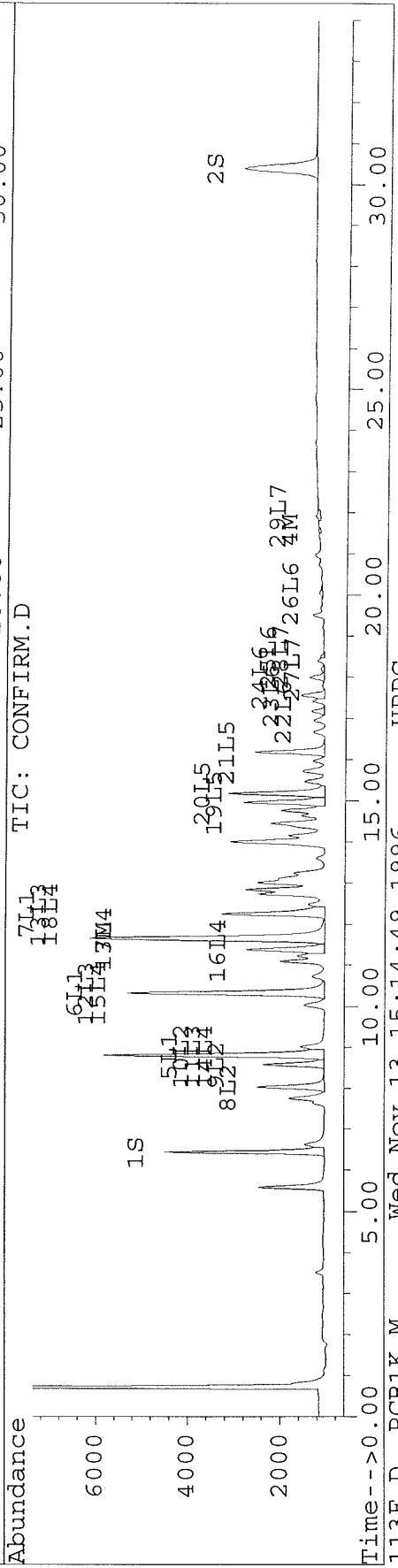
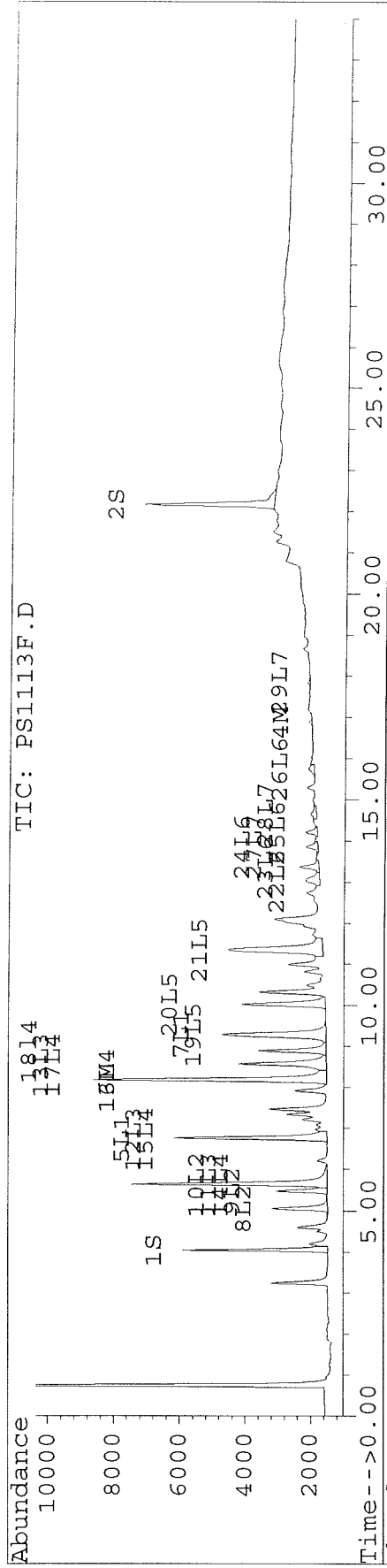
790

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113F.D Vial: 6
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113F.D\CONFIRM.D
 Acq On : 13 Nov 96 01:07 PM Operator: JS
 Sample : AR1232 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 13 14:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\PS1113G.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113G.D\CONFIRM.D
 Acq On : 13 Nov 96 01:45 PM
 Sample : AR1221 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 15:01 1996

Vial: 7
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.44	4255	3409	17.070	17.457
			Recovery	=	85.35%	87.29%
2) S Decachlorobiphenyl	22.17	30.39	3895	1561	19.146	16.068m
			Recovery	=	95.73%	80.34%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.18	11.66	646	474	5.976	4.894
4) M 2,2',3,3',4,4'-Hexa	16.88	0.00	105	0	0.560	N.D. #
5) L1 Aroclor-1016	6.76	8.79	616	5504	19.212	432.366 #
6) L1 Aroclor-1016 {2}	8.89	10.30	167	1078	9.822	38.233 #
7) L1 Aroclor-1016 {3}	9.26	12.26	125	232	4.846	13.680 #
Total Aroclor-1016			908	6814	33.880	484.280
Average Aroclor-1016					11.293	161.427
8) L2 Aroclor-1221	5.05	8.02	2501	2162	356.983	353.470
9) L2 Aroclor-1221 {2}	5.47	8.57	2041	1742	349.844	357.144
10) L2 Aroclor-1221 {3}	5.64	8.79	7004	5504	346.609	358.528
Total Aroclor-1221			11546	9408	1053.435	1069.141
Average Aroclor-1221					351.145	356.380
11) L3 Aroclor-1232	5.64	8.79	7004	5504	383.958	384.091
12) L3 Aroclor-1232 {2}	6.76	10.30	616	1078	45.101	89.691 #
13) L3 Aroclor-1232 {3}	8.57	12.26	271	232	32.790	33.443
Total Aroclor-1232			7891	6814	461.850	507.225
Average Aroclor-1232					153.950	169.075
14) L4 Aroclor-1242	5.64	8.79	7004	5504	294.548	290.782
15) L4 Aroclor-1242 {2}	6.76	10.30	616	1078	14.535	29.037 #
16) L4 Aroclor-1242 {3}	8.18	11.38	646	240	10.007	15.087 #
17) L4 Aroclor-1242 (4)	8.57	11.66	271	474	10.064	9.378
18) L4 Aroclor-1242 (5)	8.89	12.26	167	232	7.524	10.429 #
Total Aroclor-1242			8703	7527	336.678	354.714
Average Aroclor-1242					67.336	70.943
19) L5 Aroclor-1248	9.26	14.97	125	63	4.436	3.147 #
20) L5 Aroclor-1248 {2}	10.02	15.18	6892	66	2.883	3.208

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113G.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113G.D\CONFIRM.D
 Acq On : 13 Nov 96 01:45 PM
 Sample : AR1221 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 15:01 1996

Vial: 7
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.30	16.19	325	42	10.692	2.740 #
Total Aroclor-1248			518	172	18.011	9.095
Average Aroclor-1248					6.004	3.032
22) L6 Aroclor-1254	0.00	17.18	0	26	N.D.	0.846 #
23) L6 Aroclor-1254 {2}	13.38	17.56	166	124	2.306	1.794
24) L6 Aroclor-1254 {3}	13.86	17.99	190	22	5.654	0.515 #
25) L6 Aroclor-1254 (4)	14.22	18.52	29	127	0.626	4.539 #
26) L6 Aroclor-1254 (5)	15.76	20.05	180	97	3.341	2.205 #
Total Aroclor-1254			565	397	11.928	9.899
Average Aroclor-1254					2.982	1.980
27) L7 Aroclor-1260	13.86	18.20	190	166	5.490	5.112
28) L7 Aroclor-1260 {2}	14.65	18.52	218	127	5.506	3.465 #
29) L7 Aroclor-1260 {3}	17.85	21.93	76	124	1.384	2.287 #
Total Aroclor-1260			485	417	12.380	10.864
Average Aroclor-1260					4.127	3.621
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	19.00	0.00	86	0	NoCal	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

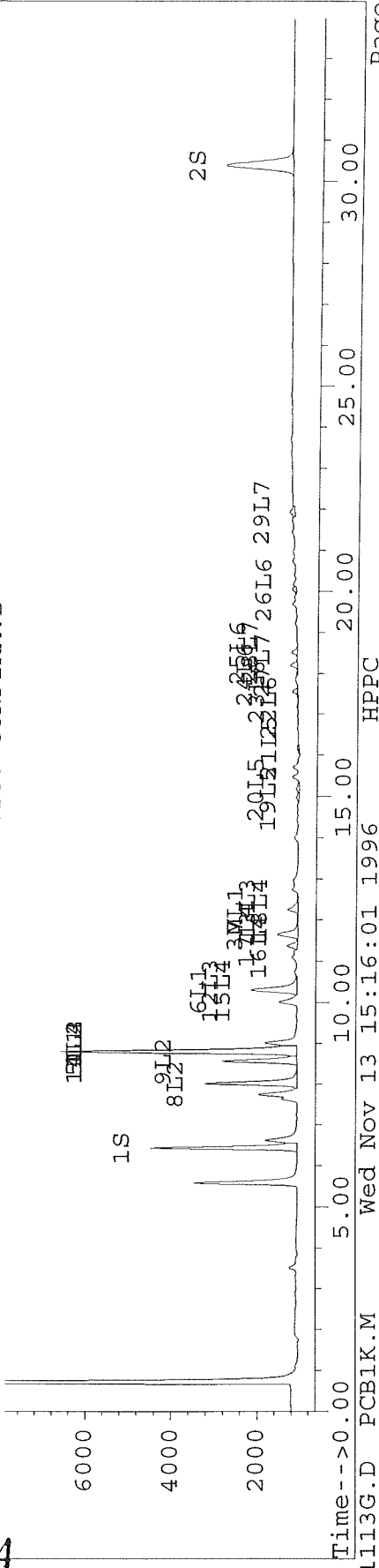
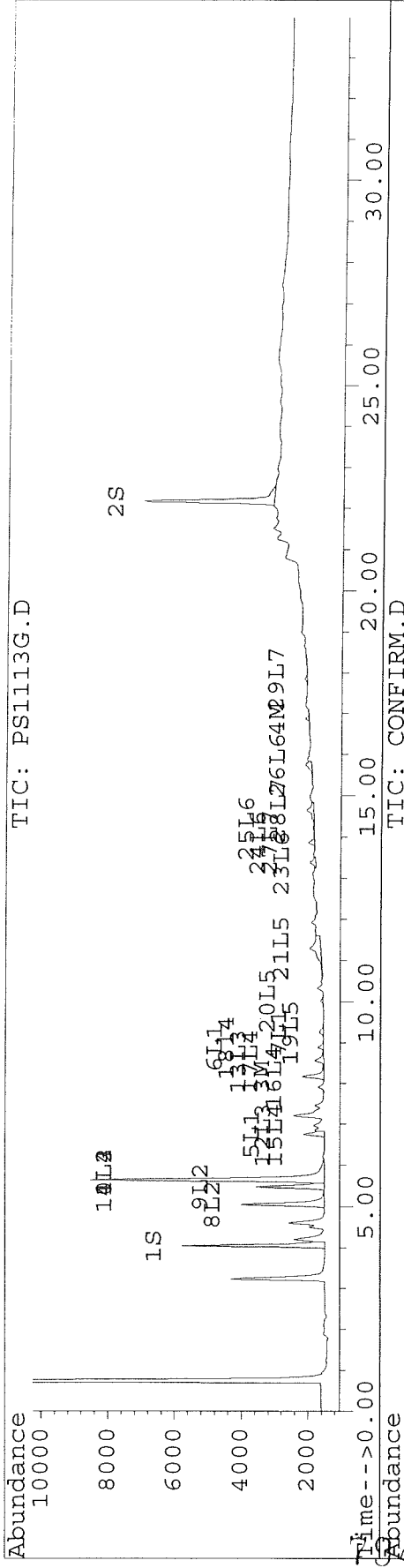
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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113G.D Vial: 7
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113G.D\CONFIRM.D
 Acq On : 13 Nov 96 01:45 PM Operator: JS
 Sample : AR1221 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 13 15:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\PS1113H.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113H.D\CONFIRM.D
 Acq On : 13 Nov 96 09:07 PM
 Sample : PCB COGENERATORS 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 21:43 1996

Vial: 1
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.44	4708	3994	18.887	20.452
			Recovery	=	47.22%	51.13%
2) S Decachlorobiphenyl	22.16	30.38	3700	1639	18.186	16.873
			Recovery	=	45.47%	42.18%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.67	26402	24071	244.332	248.694
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	44785	39183	239.493	231.801
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.04	8.02	40	35	5.715	5.683
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			40	35	5.715	5.683
Average Aroclor-1221					5.715	5.683
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}	8.17	0.00	26402	0	409.143	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.67	0	24071	N.D.	476.536 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			26402	24071	409.143	476.536
Average Aroclor-1242					409.143	476.536
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113H.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113H.D\CONFIRM.D
 Acq On : 13 Nov 96 09:07 PM
 Sample : PCB COGENERES 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 21:43 1996

Vial: 1
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
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}	13.85	0.00	149	0	4.436	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			149	0	4.436	N.D.
Average Aroclor-1254					4.436	0.000
27) L7 Aroclor-1260	13.85	0.00	149	0	4.307	N.D. #
28) L7 Aroclor-1260 {2}	14.62	0.00	11	0	0.287	N.D. #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			160	0	4.594	N.D.
Average Aroclor-1260					2.297	0.000
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	18.98	0.00	19	0	NoCal	N.D.
32) L8 Aroclor-1268 {3}	0.00	28.13f	0	11	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

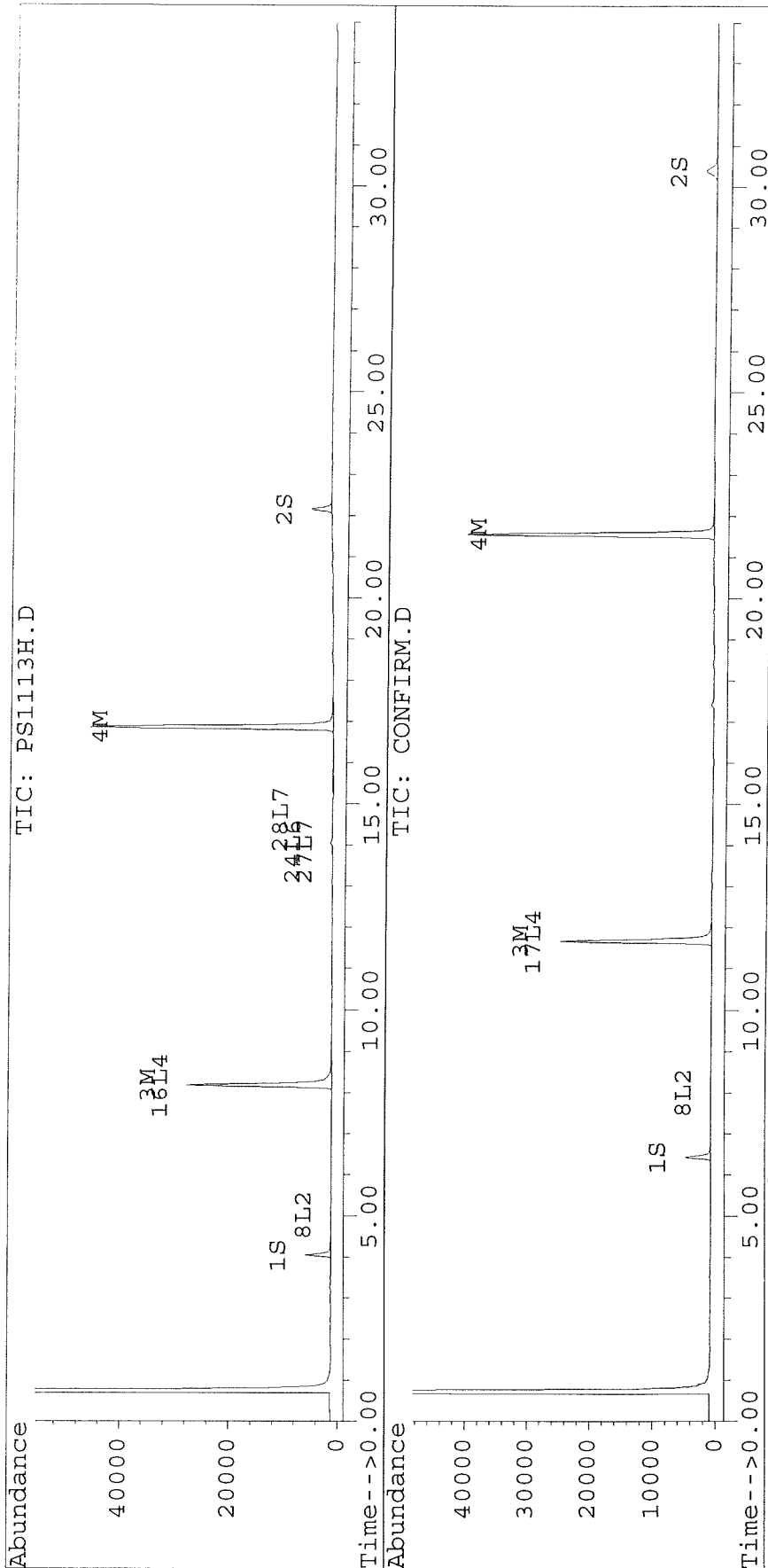
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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113H.D Vial: 1
Signal #2 : D:\HPCHEM\5\13NOV96\PS1113H.D\CONFIRM.D
Acq On : 13 Nov 96 09:07 PM Operator: JS
Sample : PCB COGENERATORS 0.25 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 13 21:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\13NOV96\PS1113I.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113I.D\CONFIRM.D
 Acq On : 13 Nov 96 09:45 PM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 22:21 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5144	4090	20.636	20.943
			Recovery	=	51.59%	52.36%
2) S Decachlorobiphenyl	22.16	30.38	3721	1623	18.290	16.708
			Recovery	=	45.73%	41.77%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.18	11.65	292	219	2.702	2.264
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	3129	2190	16.731	12.956
5) L1 Aroclor-1016	6.76	8.81	171	51	5.349	3.969 #
6) L1 Aroclor-1016 {2}	8.89	10.33	89	150	5.250	5.329
7) L1 Aroclor-1016 {3}	9.24f	12.26	5777	67	223.906	3.937 #
Total Aroclor-1016			6038	267	234.505	13.235
Average Aroclor-1016					78.168	4.412
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.65	8.81	65	51	3.228	3.291
Total Aroclor-1221			65	51	3.228	3.291
Average Aroclor-1221					3.228	3.291
11) L3 Aroclor-1232	5.65	8.81	65	51	3.576	3.526
12) L3 Aroclor-1232 {2}	6.76	10.33	171	150	12.558	12.502
13) L3 Aroclor-1232 {3}	8.55	12.26	111	67	13.463	9.624 #
Total Aroclor-1232			348	267	29.597	25.652
Average Aroclor-1232					9.866	8.551
14) L4 Aroclor-1242	5.65	8.81	65	51	2.743	2.670
15) L4 Aroclor-1242 {2}	6.76	10.33	171	150	4.047	4.047
16) L4 Aroclor-1242 {3}	8.18	11.39	292	54	4.524	3.368 #
17) L4 Aroclor-1242 (4)	8.55	11.65	111	219	4.132	4.339
18) L4 Aroclor-1242 (5)	8.89	12.26	89	67	4.021	3.001 #
Total Aroclor-1242			729	540	19.468	17.425
Average Aroclor-1242					3.894	3.485
19) L5 Aroclor-1248	9.24	14.96	5777	3401	205.000	169.632
20) L5 Aroclor-1248 {2}	10.01	15.17	2778	1060	118.257	51.403 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113I.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113I.D\CONFIRM.D
 Acq On : 13 Nov 96 09:45 PM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 22:21 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.30	16.18	10510	692	345.283	44.709 #
Total Aroclor-1248			19066	5154	668.540	265.744
Average Aroclor-1248					222.847	88.581
22) L6 Aroclor-1254	13.02	17.17	6560	5745	189.177	183.866
23) L6 Aroclor-1254 {2}	13.36	17.56	13858	13028	192.550	188.695
24) L6 Aroclor-1254 {3}	13.85	17.99	6426	7784	191.272	178.655
25) L6 Aroclor-1254 (4)	14.20	18.51	8641	5124	184.713	182.642
26) L6 Aroclor-1254 (5)	15.75	20.04	10136	7796	188.029	177.833
Total Aroclor-1254			45621	39477	945.742	911.690 ✓
Average Aroclor-1254					189.148	182.338
27) L7 Aroclor-1260	13.85	18.19	6426	4822	185.723	148.425
28) L7 Aroclor-1260 {2}	14.64	18.51	5710	5124	143.889	139.429
29) L7 Aroclor-1260 {3}	17.85	21.92	1333	1201	24.133	22.189
Total Aroclor-1260			13469	11147	353.744	310.042
Average Aroclor-1260					117.915	103.347
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	28.14f	0	14	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

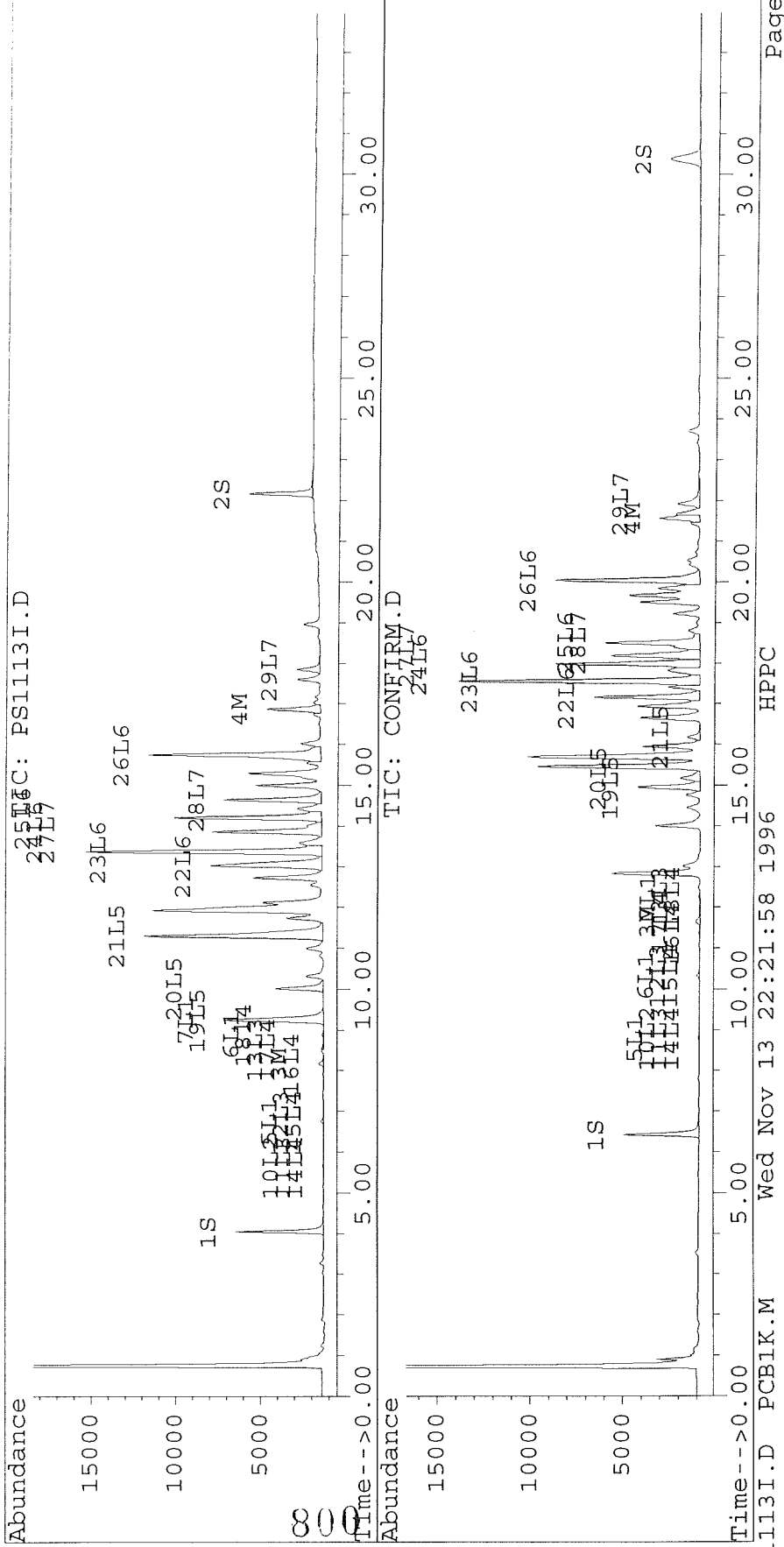
793

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113I.D Vial: 2
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113I.D\CONFIRM.D
 Acq On : 13 Nov 96 09:45 PM Operator: JS
 Sample : AR1254 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 13 22:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\PS1113J.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113J.D\CONFIRM.D
 Acq On : 13 Nov 96 10:22 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 22:58 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.44	5118	4097	20.531	20.983
			Recovery	=	51.33%	52.46%
2) S Decachlorobiphenyl	22.16	30.39	3691	1663	18.140	17.118
			Recovery	=	45.35%	42.79%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	13072	9539	120.972	98.554
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	348	112	1.859	0.663 #
5) L1 Aroclor-1016	6.75	8.80	7943	3665	247.903	287.871
6) L1 Aroclor-1016 {2}	8.88	10.32	4005	7080	235.470	251.226
7) L1 Aroclor-1016 {3}	9.27	12.25	6470	4118	250.749	242.899
Total Aroclor-1016			18418	14862	734.122	781.996
Average Aroclor-1016					244.707	260.665
8) L2 Aroclor-1221	5.05	8.03	669	579	95.409	94.689
9) L2 Aroclor-1221 {2}	5.47	8.57	926	780	158.646	159.996
10) L2 Aroclor-1221 {3}	5.64	8.80	4368	3665	216.182	238.709
Total Aroclor-1221			5962	5024	470.237	493.394
Average Aroclor-1221					156.746	164.465
11) L3 Aroclor-1232	5.64	8.80	4368	3665	239.477	255.729
12) L3 Aroclor-1232 {2}	6.75	10.32	7943	7080	581.979	589.346
13) L3 Aroclor-1232 {3}	8.56	12.25	4922	4118	594.566	593.800
Total Aroclor-1232			17232	14862	1416.023	1438.875
Average Aroclor-1232					472.008	479.625
14) L4 Aroclor-1242	5.64	8.80	4368	3665	183.711	193.604
15) L4 Aroclor-1242 {2}	6.75	10.32	7943	7080	187.561	190.797
16) L4 Aroclor-1242 {3}	8.17	11.38	13072	2998	202.572	188.326
17) L4 Aroclor-1242 (4)	8.56	11.65	4922	9539	182.484	188.845
18) L4 Aroclor-1242 (5)	8.88	12.25	4005	4118	180.365	185.177
Total Aroclor-1242			34309	27399	936.693	946.748 ✓
Average Aroclor-1242					187.339	189.350
19) L5 Aroclor-1248	9.27	14.96	6470	3900	229.576	194.488
20) L5 Aroclor-1248 {2}	10.02	15.17	5574	4414	237.240	213.930

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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113J.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113J.D\CONFIRM.D
 Acq On : 13 Nov 96 10:22 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 22:58 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.35	16.18	5918	3242	194.406	209.521
Total Aroclor-1248			17962	11556	661.223	617.939
Average Aroclor-1248					220.408	205.980
22) L6 Aroclor-1254	13.03	17.18	970	689	27.977	22.050
23) L6 Aroclor-1254 {2}	13.36	17.56	1499	1299	20.822	18.815
24) L6 Aroclor-1254 {3}	13.85	18.00	840	779	25.000	17.886 #
25) L6 Aroclor-1254 (4)	14.21	0.00	996	0	21.293	N.D. #
26) L6 Aroclor-1254 (5)	15.75	20.05	269	147	4.989	3.360 #
Total Aroclor-1254			4574	2915	100.081	62.111
Average Aroclor-1254					20.016	15.528
27) L7 Aroclor-1260	13.85	18.19	840	133	24.275	4.085 #
28) L7 Aroclor-1260 {2}	14.65	0.00	310	0	7.816	N.D. #
29) L7 Aroclor-1260 {3}	17.85	21.93	33	62	0.590	1.152 #
Total Aroclor-1260			1183	195	32.681	5.237
Average Aroclor-1260					10.894	2.618
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	18.98	0.00	21	0	NoCal	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

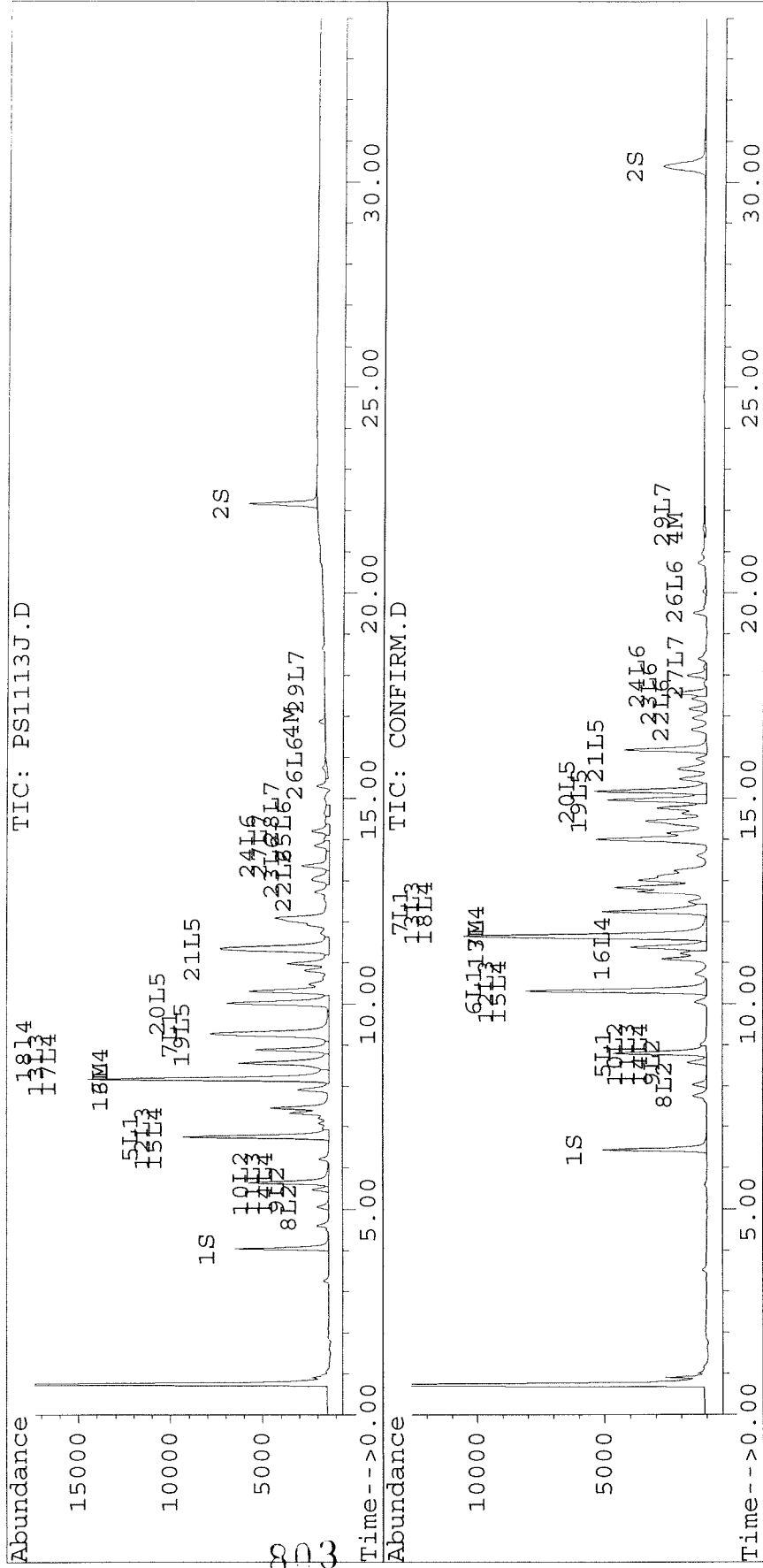
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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113J.D Vial: 3
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113J.D\CONFIRM.D
 Acq On : 13 Nov 96 10:22 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 13 22:58 1996
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\PS1113K.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113K.D\CONFIRM.D
 Acq On : 14 Nov 96 01:24 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 2:00 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5268	4272	21.134	21.877
			Recovery	=	52.84%	54.69%
2) S Decachlorobiphenyl	22.17	30.38	4336	1808	21.311	18.619
			Recovery	=	53.28%	46.55%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.18	11.65	314	232	2.903	2.397
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	3400	2439	18.182	14.428
5) L1 Aroclor-1016	6.76	8.80	175	62	5.466	4.873
6) L1 Aroclor-1016 {2}	8.89	10.32	97	161	5.712	5.697
7) L1 Aroclor-1016 {3}	9.24f	12.25	6069	72	235.197	4.224 #
Total Aroclor-1016			6341	294	246.375	14.795
Average Aroclor-1016					82.125	4.932
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	8.56	0	14	N.D.	2.871 #
10) L2 Aroclor-1221 {3}	5.65	8.80	70	62	3.467	4.041
Total Aroclor-1221			70	76	3.467	6.912
Average Aroclor-1221					3.467	3.456
11) L3 Aroclor-1232	5.65	8.80	70	62	3.840	4.329
12) L3 Aroclor-1232 {2}	6.76	10.32	175	161	12.832	13.365
13) L3 Aroclor-1232 {3}	8.55	12.25	119	72	14.354	10.327 #
Total Aroclor-1232			364	294	31.026	28.021
Average Aroclor-1232					10.342	9.340
14) L4 Aroclor-1242	5.65	8.80	70	62	2.946	3.277
15) L4 Aroclor-1242 {2}	6.76	10.32	175	161	4.135	4.327
16) L4 Aroclor-1242 {3}	8.18	11.38	314	59	4.861	3.695
17) L4 Aroclor-1242 (4)	8.55	11.65	119	232	4.405	4.592
18) L4 Aroclor-1242 (5)	8.89	12.25	97	72	4.375	3.221 #
Total Aroclor-1242			775	585	20.724	19.112
Average Aroclor-1242					4.145	3.822
19) L5 Aroclor-1248	9.24	14.95	6069	3653	215.338	182.166
20) L5 Aroclor-1248 {2}	10.01	15.17	2920	1128	124.271	54.694 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113K.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113K.D\CONFIRM.D
 Acq On : 14 Nov 96 01:24 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 2:00 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.30	16.18	11124	739	365.451	47.780 #
Total Aroclor-1248			20112	5520	705.059	284.640
Average Aroclor-1248					235.020	94.880
22) L6 Aroclor-1254	13.02	17.17	6987	6189	201.496	198.076
23) L6 Aroclor-1254 {2}	13.36	17.56	14772	13872	205.256	200.928
24) L6 Aroclor-1254 {3}	13.86	17.99	6784	8517	201.932	195.489
25) L6 Aroclor-1254 (4)	14.20	18.51	9298	5511	198.757	196.448
26) L6 Aroclor-1254 (5)	15.75	20.04	10810	8525	200.529	194.460
Total Aroclor-1254			48652	42615	1007.969	985.402 ✓
Average Aroclor-1254					201.594	197.080
27) L7 Aroclor-1260	13.86	18.19	6784	5039	196.073	155.120
28) L7 Aroclor-1260 {2}	14.64	18.51	6065	5511	152.857	149.969
29) L7 Aroclor-1260 {3}	17.85	21.92	1484	1343	26.859	24.803
Total Aroclor-1260			14333	11893	375.789	329.891
Average Aroclor-1260					125.263	109.964
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	18.97f	0.00	987	0	NoCal	N.D.
32) L8 Aroclor-1268 {3}	21.77f	28.14f	68	21	NoCal	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

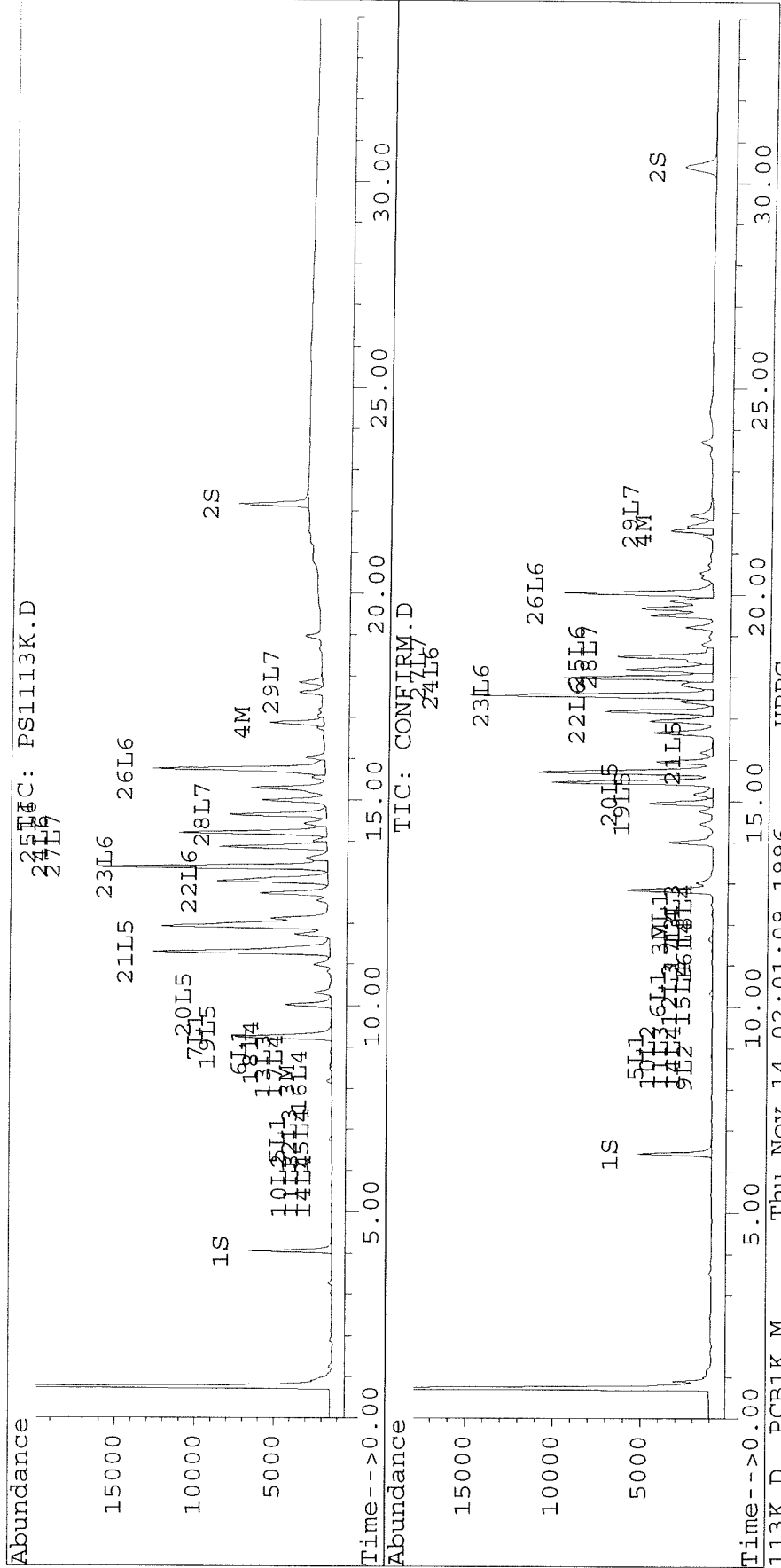
805

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113K.D Vial: 2
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113K.D\CONFIRM.D
 Acq On : 14 Nov 96 01:24 AM Operator: JS
 Sample : AR1254 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 14 2:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\PS1113L.D Vial: 3
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113L.D\CONFIRM.D
 Acq On : 14 Nov 96 02:02 AM Operator: JS
 Sample : AR1242 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 14 2:37 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4978	3929	19.968	20.121
			Recovery	=	49.92%	50.30%
2) S Decachlorobiphenyl	22.16	30.38	3913	1700	19.233	17.504
			Recovery	=	48.08%	43.76%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	12804	9290	118.486	95.979
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	351	78	1.876	0.464 #
5) L1 Aroclor-1016	6.75	8.80	7690	3543	240.013	278.298
6) L1 Aroclor-1016 {2}	8.88	10.32	3859	6799	226.871	241.243
7) L1 Aroclor-1016 {3}	9.27	12.25	6187	3962	239.789	233.718
Total Aroclor-1016			17736	14304	706.673	753.259
Average Aroclor-1016					235.558	251.086
8) L2 Aroclor-1221	5.05	8.03	640	554	91.317	90.547
9) L2 Aroclor-1221 {2}	5.47	8.57	886	747	151.797	153.140
10) L2 Aroclor-1221 {3}	5.64	8.80	4268	3543	211.238	230.771
Total Aroclor-1221			5794	4843	454.352	474.458
Average Aroclor-1221					151.451	158.153
11) L3 Aroclor-1232	5.64	8.80	4268	3543	234.000	247.225
12) L3 Aroclor-1232 {2}	6.75	10.32	7690	6799	563.457	565.927
13) L3 Aroclor-1232 {3}	8.56	12.25	4797	3962	579.479	571.355
Total Aroclor-1232			16755	14304	1376.936	1384.508
Average Aroclor-1232					458.979	461.503
14) L4 Aroclor-1242	5.64	8.80	4268	3543	179.510	187.166
15) L4 Aroclor-1242 {2}	6.75	10.32	7690	6799	181.591	183.215
16) L4 Aroclor-1242 {3}	8.17	11.38	12804	2876	198.409	180.718
17) L4 Aroclor-1242 (4)	8.56	11.65	4797	9290	177.854	183.911
18) L4 Aroclor-1242 (5)	8.88	12.25	3859	3962	173.778	178.177
Total Aroclor-1242			33417	26470	911.142	913.187
Average Aroclor-1242					182.228	182.637
19) L5 Aroclor-1248	9.27	14.95	6187	3775	219.542	188.265
20) L5 Aroclor-1248 {2}	10.02	15.17	5335	4376	227.080	212.087

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113L.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113L.D\CONFIRM.D
 Acq On : 14 Nov 96 02:02 AM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 2:37 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.35	16.18	5866	3212	192.723	207.533
Total Aroclor-1248			17389	11362	639.344	607.885
Average Aroclor-1248					213.115	202.628
22) L6 Aroclor-1254	13.03	17.17	973	656	28.048	21.000 #
23) L6 Aroclor-1254 {2}	13.36	17.56	1493	1257	20.748	18.205
24) L6 Aroclor-1254 {3}	13.85	17.99	864	757	25.710	17.384 #
25) L6 Aroclor-1254 (4)	14.20	0.00	1018	0	21.771	N.D. #
26) L6 Aroclor-1254 (5)	15.75	20.05	298	141	5.522	3.208 #
Total Aroclor-1254			4646	2811	101.800	59.797
Average Aroclor-1254					20.360	14.949
27) L7 Aroclor-1260	13.85	18.19	864	108	24.965	3.312 #
28) L7 Aroclor-1260 {2}	14.64	0.00	366	0	9.218	N.D. #
29) L7 Aroclor-1260 {3}	17.85	21.93	28	54	0.507	0.996 #
Total Aroclor-1260			1258	162	34.690	4.308
Average Aroclor-1260					11.563	2.154
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

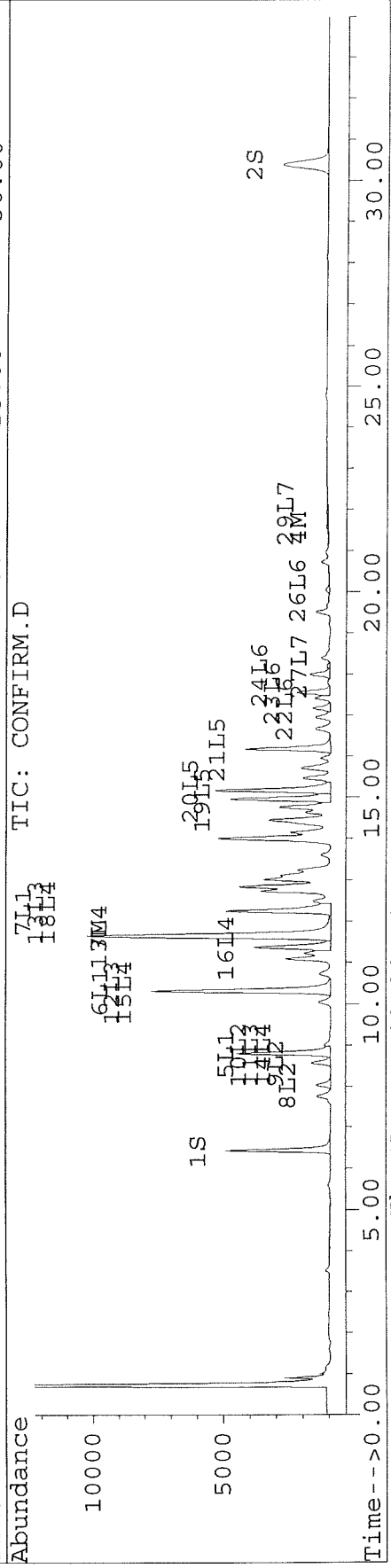
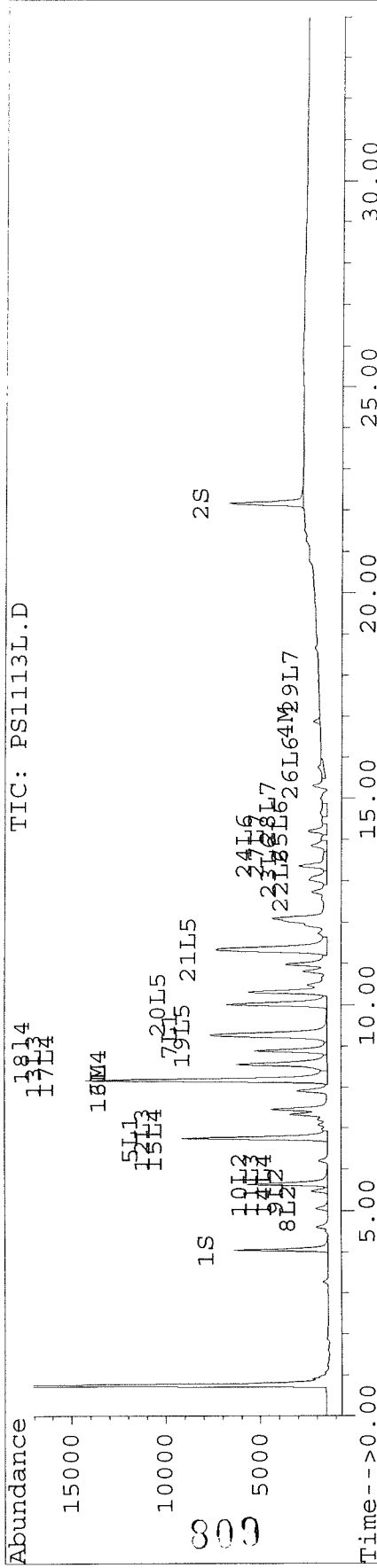
808

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113L.D Vial: 3
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113L.D\CONFIRM.D
 Acq On : 14 Nov 96 02:02 AM Operator: JS
 Sample : AR1242 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 14 2:37 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\PS1113M.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113M.D\CONFIRM.D
 Acq On : 14 Nov 96 09:25 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 10:01 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.44	5509	4439	22.099	22.732
			Recovery	=	55.25%	56.83%
2) S Decachlorobiphenyl	22.16	30.39	4292	1892	21.095	19.479
			Recovery	=	52.74%	48.70%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.18	11.65	325	251	3.007	2.594
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	3508	2893	18.758	17.113
5) L1 Aroclor-1016	6.76	8.81	188	62	5.879	4.883
6) L1 Aroclor-1016 {2}	8.89	10.33	101	166	5.933	5.891
7) L1 Aroclor-1016 {3}	9.24f	12.26	6277	102	243.268	6.000 #
Total Aroclor-1016			6566	330	255.080	16.774
Average Aroclor-1016					85.027	5.591
8) L2 Aroclor-1221	5.00f	0.00	17	0	2.372	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.65	8.81	73	62	3.631	4.049
Total Aroclor-1221			90	62	6.002	4.049
Average Aroclor-1221					3.001	4.049
11) L3 Aroclor-1232	5.65	8.81	73	62	4.022	4.338
12) L3 Aroclor-1232 {2}	6.76	10.33	188	166	13.800	13.821
13) L3 Aroclor-1232 {3}	8.55	12.26	122	102	14.697	14.668
Total Aroclor-1232			383	330	32.519	32.826
Average Aroclor-1232					10.840	10.942
14) L4 Aroclor-1242	5.65	8.81	73	62	3.085	3.284
15) L4 Aroclor-1242 {2}	6.76	10.33	188	166	4.448	4.474
16) L4 Aroclor-1242 {3}	8.18	11.39	325	67	5.036	4.218
17) L4 Aroclor-1242 (4)	8.55	11.65	122	251	4.511	4.971
18) L4 Aroclor-1242 (5)	8.89	12.26	101	102	4.545	4.574
Total Aroclor-1242			809	648	21.624	21.521
Average Aroclor-1242					4.325	4.304
19) L5 Aroclor-1248	9.24	14.96	6277	3724	222.727	185.738
20) L5 Aroclor-1248 {2}	10.01	15.18	3035	1173	129.178	56.859 #

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113M.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113M.D\CONFIRM.D
 Acq On : 14 Nov 96 09:25 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 10:01 1996

Vial: 2

Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.30	16.18	11399	790	374.490	51.045 #
Total Aroclor-1248			20711	5687	726.395	293.642
Average Aroclor-1248					242.132	97.881
22) L6 Aroclor-1254	13.02	17.17	7213	6428	208.016	205.715
23) L6 Aroclor-1254 {2}	13.36	17.56	15302	14450	212.619	209.295
24) L6 Aroclor-1254 {3}	13.86	17.99	7072	8860	210.482	203.349
25) L6 Aroclor-1254 (4)	14.20	18.51	9638	5710	206.018	203.533
26) L6 Aroclor-1254 (5)	15.75	20.04	11455	8902	212.495	203.053
Total Aroclor-1254			50680	44350	1049.630	1024.944 ✓
Average Aroclor-1254					209.926	204.989
27) L7 Aroclor-1260	13.86	18.19	7072	5274	204.375	162.347
28) L7 Aroclor-1260 {2}	14.64	18.51	6285	5710	158.388	155.377
29) L7 Aroclor-1260 {3}	17.85	21.92	1536	1720	27.805	31.770
Total Aroclor-1260			14892	12704	390.568	349.494
Average Aroclor-1260					130.189	116.498
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	28.14f	0	68	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

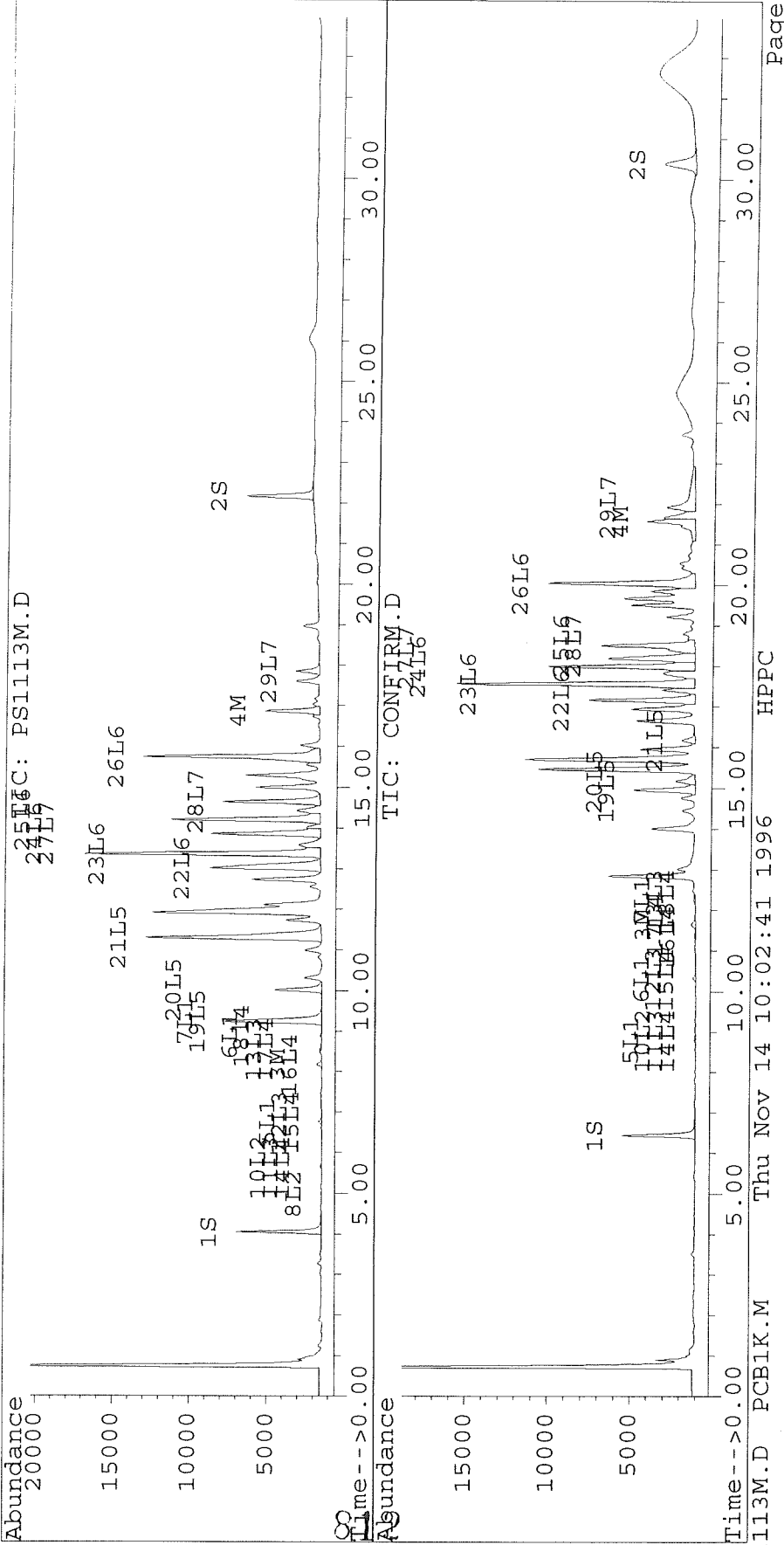
811

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113M.D Vial: 2
Signal #2 : D:\HPCHEM\5\13NOV96\PS1113M.D\CONFIRM.D
Acq On : 14 Nov 96 09:25 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 14 10:01 1996

Method : C:\HPCHEM\5\METHODS\PCBK.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\13NOV96\PS1113N.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113N.D\CONFIRM.D
 Acq On : 14 Nov 96 10:03 AM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 10:39 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.44	5521	4250	22.149	21.763
			Recovery	=	55.37%	54.41%
2) S Decachlorobiphenyl	22.16	30.39	4148	1861	20.389	19.158
			Recovery	=	50.97%	47.90%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	13632	9861	126.151	101.885
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	380	253	2.033	1.495 #
5) L1 Aroclor-1016	6.76	8.80	8248	3730	257.450	293.029
6) L1 Aroclor-1016 {2}	8.88	10.32	4229	7184	248.643	254.918
7) L1 Aroclor-1016 {3}	9.28	12.25	6682	4248	258.965	250.572
Total Aroclor-1016			19159	15162	765.058	798.519
Average Aroclor-1016					255.019	266.173
8) L2 Aroclor-1221	5.05	8.03	712	595	101.643	97.309
9) L2 Aroclor-1221 {2}	5.47	8.57	985	802	168.806	164.412
10) L2 Aroclor-1221 {3}	5.64	8.80	4563	3730	225.838	242.986
Total Aroclor-1221			6260	5127	496.287	504.706
Average Aroclor-1221					165.429	168.235
11) L3 Aroclor-1232	5.64	8.80	4563	3730	250.173	260.311
12) L3 Aroclor-1232 {2}	6.76	10.32	8248	7184	604.393	598.008
13) L3 Aroclor-1232 {3}	8.56	12.25	5186	4248	626.496	612.557
Total Aroclor-1232			17998	15162	1481.061	1470.876
Average Aroclor-1232					493.687	490.292
14) L4 Aroclor-1242	5.64	8.80	4563	3730	191.917	197.073
15) L4 Aroclor-1242 {2}	6.76	10.32	8248	7184	194.784	193.601
16) L4 Aroclor-1242 {3}	8.17	11.38	13632	3053	211.245	191.815
17) L4 Aroclor-1242 (4)	8.56	11.66	5186	9861	192.284	195.228
18) L4 Aroclor-1242 (5)	8.88	12.25	4229	4248	190.455	191.026
Total Aroclor-1242			35858	28077	980.684	968.743 ✓
Average Aroclor-1242					196.137	193.749
19) L5 Aroclor-1248	9.28	14.96	6682	4360	237.099	217.463
20) L5 Aroclor-1248 {2}	10.02	15.17	5826	5046	247.946	244.569

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113N.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113N.D\CONFIRM.D
 Acq On : 14 Nov 96 10:03 AM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 10:39 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.35	16.18	6317	3595	207.527	232.344
Total Aroclor-1248			18824	13002	692.572	694.376
Average Aroclor-1248					230.857	231.459
22) L6 Aroclor-1254	13.03	17.18	1142	754	32.941	24.130 #
23) L6 Aroclor-1254 {2}	13.37	17.56	1708	1368	23.736	19.807
24) L6 Aroclor-1254 {3}	13.85	18.00	993	860	29.556	19.743 #
25) L6 Aroclor-1254 (4)	14.21	0.00	1143	0	24.432	N.D. #
26) L6 Aroclor-1254 (5)	15.75	20.05	311	248	5.775	5.661
Total Aroclor-1254			5298	3230	116.440	69.342
Average Aroclor-1254					23.288	17.335
27) L7 Aroclor-1260	13.85	18.20	993	166	28.699	5.125 #
28) L7 Aroclor-1260 {2}	14.65	0.00	403	0	10.168	N.D. #
29) L7 Aroclor-1260 {3}	17.85	21.93	29	272	0.517	5.018 #
Total Aroclor-1260			1425	438	39.383	10.142
Average Aroclor-1260					13.128	5.071
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	18.98f	0.00	20	0	NoCal	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 : D:\HPCHEM\5\13NOV96\PS11130.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS11130.D\CONFIRM.D
 Acq On : 14 Nov 96 02:03 PM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 14:39 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.44	5735	4528	23.008	23.189
			Recovery	=	57.52%	57.97%
2) S Decachlorobiphenyl	22.16	30.39	3989	1945	19.606	20.025
			Recovery	=	49.02%	50.06%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.18	11.65	320	240	2.965	2.475
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	3484	2644	18.632	15.644
5) L1 Aroclor-1016	6.76	8.81	189	60	5.900	4.728
6) L1 Aroclor-1016 {2}	8.89	10.33	100	168	5.873	5.971
7) L1 Aroclor-1016 {3}	9.24f	12.26	6254	81	242.364	4.765 #
Total Aroclor-1016			6543	309	254.137	15.464
Average Aroclor-1016					84.712	5.155
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.65	8.81	72	60	3.578	3.921
Total Aroclor-1221			72	60	3.578	3.921
Average Aroclor-1221					3.578	3.921
11) L3 Aroclor-1232	5.65	8.81	72	60	3.963	4.200
12) L3 Aroclor-1232 {2}	6.76	10.33	189	168	13.852	14.008
13) L3 Aroclor-1232 {3}	0.00	12.26	0	81	N.D.	11.649 #
Total Aroclor-1232			261	309	17.815	29.857
Average Aroclor-1232					8.908	9.952
14) L4 Aroclor-1242	5.65	8.81	72	60	3.040	3.180
15) L4 Aroclor-1242 {2}	6.76	10.33	189	168	4.464	4.535
16) L4 Aroclor-1242 {3}	8.18	11.39	320	59	4.966	3.689 #
17) L4 Aroclor-1242 (4)	0.00	11.65	0	240	N.D.	4.743 #
18) L4 Aroclor-1242 (5)	8.89	12.26	100	81	4.498	3.633
Total Aroclor-1242			682	608	16.969	19.780
Average Aroclor-1242					4.242	3.956
19) L5 Aroclor-1248	9.24	14.96	6254	3734	221.899	186.199
20) L5 Aroclor-1248 {2}	10.01	15.18	3061	1164	130.274	56.437 #

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113P.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113P.D\CONFIRM.D
 Acq On : 14 Nov 96 02:41 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 15:16 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.44	5218	4156	20.933	21.283
			Recovery	=	52.33%	53.21%
2) S Decachlorobiphenyl	22.16	30.39	3780	1758	18.579	18.103
			Recovery	=	46.45%	45.26%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	13098	9589	121.207	99.071
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	368	190	1.968	1.123 #
5) L1 Aroclor-1016	6.75	8.80	8048	3670	251.194	288.272
6) L1 Aroclor-1016 {2}	8.88	10.32	4034	7125	237.193	252.797
7) L1 Aroclor-1016 {3}	9.27	12.25	6586	4110	255.233	242.462
Total Aroclor-1016			18668	14904	743.620	783.531
Average Aroclor-1016					247.873	261.177
8) L2 Aroclor-1221	5.05	8.03	688	583	98.167	95.362
9) L2 Aroclor-1221 {2}	5.47	8.57	946	793	162.084	162.611
10) L2 Aroclor-1221 {3}	5.64	8.80	4427	3670	219.096	239.042
Total Aroclor-1221			6061	5046	479.347	497.015
Average Aroclor-1221					159.782	165.672
11) L3 Aroclor-1232	5.64	8.80	4427	3670	242.705	256.086
12) L3 Aroclor-1232 {2}	6.75	10.32	8048	7125	589.706	593.033
13) L3 Aroclor-1232 {3}	8.56	12.25	5009	4110	605.110	592.731
Total Aroclor-1232			17484	14904	1437.520	1441.849
Average Aroclor-1232					479.173	480.616
14) L4 Aroclor-1242	5.64	8.80	4427	3670	186.188	193.874
15) L4 Aroclor-1242 {2}	6.75	10.32	8048	7125	190.051	191.991
16) L4 Aroclor-1242 {3}	8.17	11.38	13098	3021	202.966	189.813
17) L4 Aroclor-1242 (4)	8.56	11.65	5009	9589	185.720	189.835
18) L4 Aroclor-1242 (5)	8.88	12.25	4034	4110	181.685	184.843
Total Aroclor-1242			34616	27515	946.609	950.356
Average Aroclor-1242					189.322	190.071
19) L5 Aroclor-1248	9.27	14.96	6586	3942	233.682	196.609
20) L5 Aroclor-1248 {2}	10.02	15.17	5672	4537	241.401	219.912

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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113P.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113P.D\CONFIRM.D
 Acq On : 14 Nov 96 02:41 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 15:16 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.35	16.18	6078	3313	199.689	214.099
Total Aroclor-1248			18336	11792	674.772	630.620
Average Aroclor-1248					224.924	210.207
22) L6 Aroclor-1254	13.03	17.18	1082	710	31.212	22.736 #
23) L6 Aroclor-1254 {2}	13.36	17.56	1615	1332	22.437	19.285
24) L6 Aroclor-1254 {3}	13.85	18.00	947	805	28.195	18.484 #
25) L6 Aroclor-1254 (4)	14.20	0.00	1093	0	23.354	N.D. #
26) L6 Aroclor-1254 (5)	15.75	20.05	311	174	5.763	3.978 #
Total Aroclor-1254			5048	3022	110.961	64.484
Average Aroclor-1254					22.192	16.121
27) L7 Aroclor-1260	13.85	18.19	947	149	27.377	4.581 #
28) L7 Aroclor-1260 {2}	14.64	0.00	425	0	10.702	N.D. #
29) L7 Aroclor-1260 {3}	17.85	21.92	28	184	0.507	3.394 #
Total Aroclor-1260			1400	333	38.586	7.976
Average Aroclor-1260					12.862	3.988
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	18.97f	0.00	36	0	NoCal	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

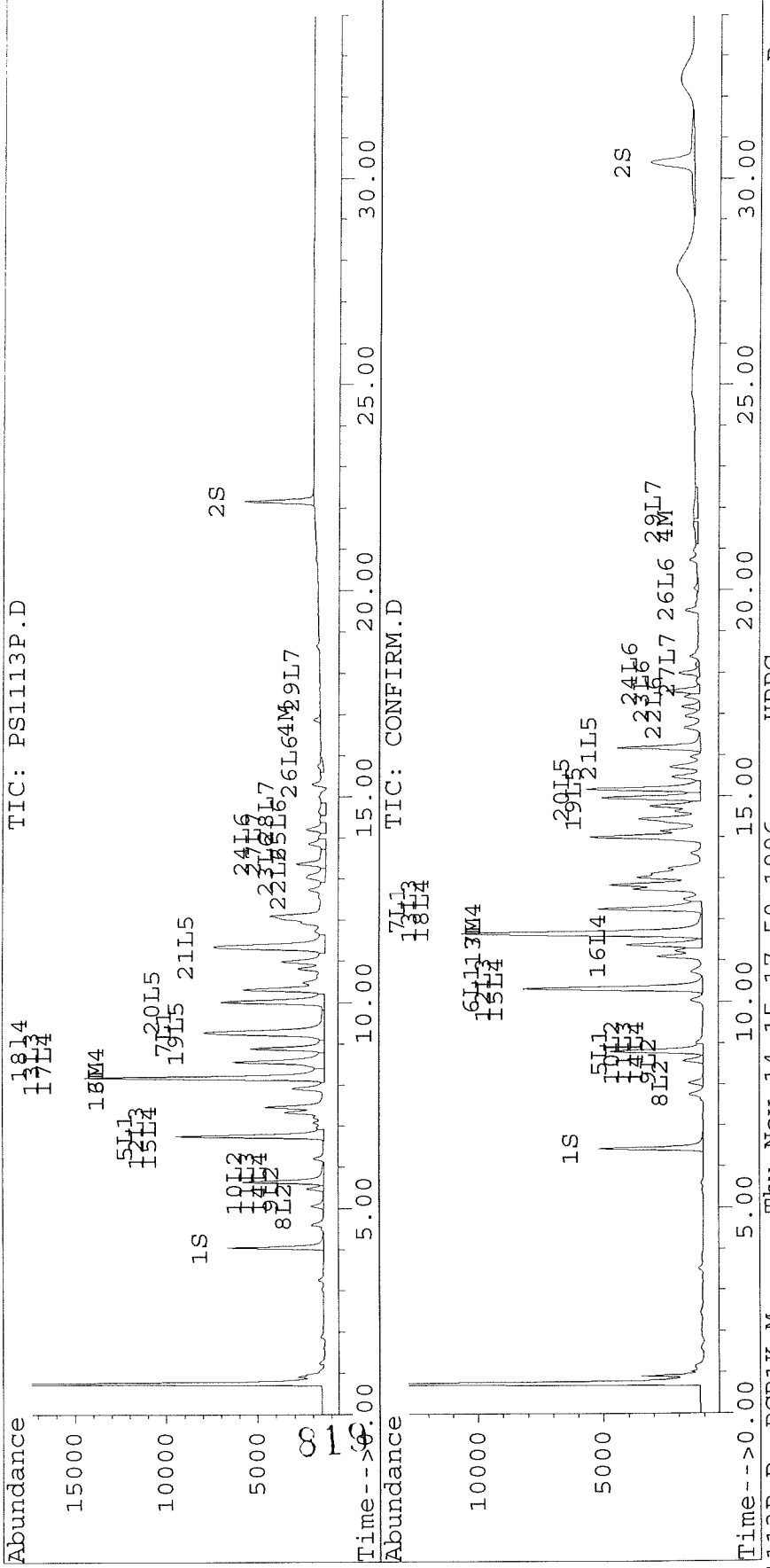
813

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113P.D Vial: 3
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113P.D\CONFIRM.D
 Acq On : 14 Nov 96 02:41 PM Operator: JS
 Sample : AR1242 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 14 15:16 1996

Method : C:\HPCHEM\5\METHODS\PCBIK.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\PS1113Q.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113Q.D\CONFIRM.D
 Acq On : 14 Nov 96 07:43 PM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 20:18 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5082	4014	20.388	20.557
			Recovery	=	50.97%	51.39%
2) S Decachlorobiphenyl	22.16	30.38	3801	1807	18.684	18.601
			Recovery	=	46.71%	46.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	294	239	2.723	2.472
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	3210	2581	17.166	15.268
5) L1 Aroclor-1016	6.76	8.80	172	55	5.357	4.342
6) L1 Aroclor-1016 {2}	8.88	10.32	93	159	5.448	5.647
7) L1 Aroclor-1016 {3}	9.24f	12.26	5779	102	223.966	6.021 #
Total Aroclor-1016			6043	316	234.771	16.010
Average Aroclor-1016					78.257	5.337
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.64	8.80	65	55	3.209	3.601
Total Aroclor-1221			65	55	3.209	3.601
Average Aroclor-1221					3.209	3.601
11) L3 Aroclor-1232	5.64	8.80	65	55	3.555	3.857
12) L3 Aroclor-1232 {2}	6.76	10.32	172	159	12.576	13.247
13) L3 Aroclor-1232 {3}	8.55	12.26	111	102	13.370	14.720
Total Aroclor-1232			347	316	29.501	31.824
Average Aroclor-1232					9.834	10.608
14) L4 Aroclor-1242	5.64	8.80	65	55	2.727	2.920
15) L4 Aroclor-1242 {2}	6.76	10.32	172	159	4.053	4.289
16) L4 Aroclor-1242 {3}	8.17	11.38	294	68	4.560	4.296
17) L4 Aroclor-1242 (4)	8.55	11.65	111	239	4.103	4.737
18) L4 Aroclor-1242 (5)	8.88	12.26	93	102	4.173	4.590
Total Aroclor-1242			734	624	19.616	20.832
Average Aroclor-1242					3.923	4.166
19) L5 Aroclor-1248	9.24	14.96	5779	3419	205.055	170.513
20) L5 Aroclor-1248 {2}	10.01	15.15	2785	1103	118.530	53.446 #

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113Q.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113Q.D\CONFIRM.D
 Acq On : 14 Nov 96 07:43 PM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 20:18 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	
21) L5 Aroclor-1248 {3}	11.30f	16.18	10459	757	343.614	48.887	#
Total Aroclor-1248			19023	5278	667.199	272.846	
Average Aroclor-1248					222.400	90.949	
22) L6 Aroclor-1254	13.02	17.17	6638	5924	191.417	189.604	
23) L6 Aroclor-1254 {2}	13.36	17.56	14038	13244	195.053	191.822	
24) L6 Aroclor-1254 {3}	13.85	17.99	6460	8195	192.282	188.096	
25) L6 Aroclor-1254 (4)	14.20	18.51	8739	5318	186.799	189.577	
26) L6 Aroclor-1254 (5)	15.75	20.04	10312	8233	191.290	187.790	
Total Aroclor-1254			46186	40915	956.842	946.889	
Average Aroclor-1254					191.368	189.378	
27) L7 Aroclor-1260	13.85	18.19	6460	4932	186.703	151.804	
28) L7 Aroclor-1260 {2}	14.64	18.51	5727	5318	144.335	144.724	
29) L7 Aroclor-1260 {3}	17.84	21.92	1384	1520	25.053	28.078	
Total Aroclor-1260			13571	11770	356.092	324.606	
Average Aroclor-1260					118.697	108.202	
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	

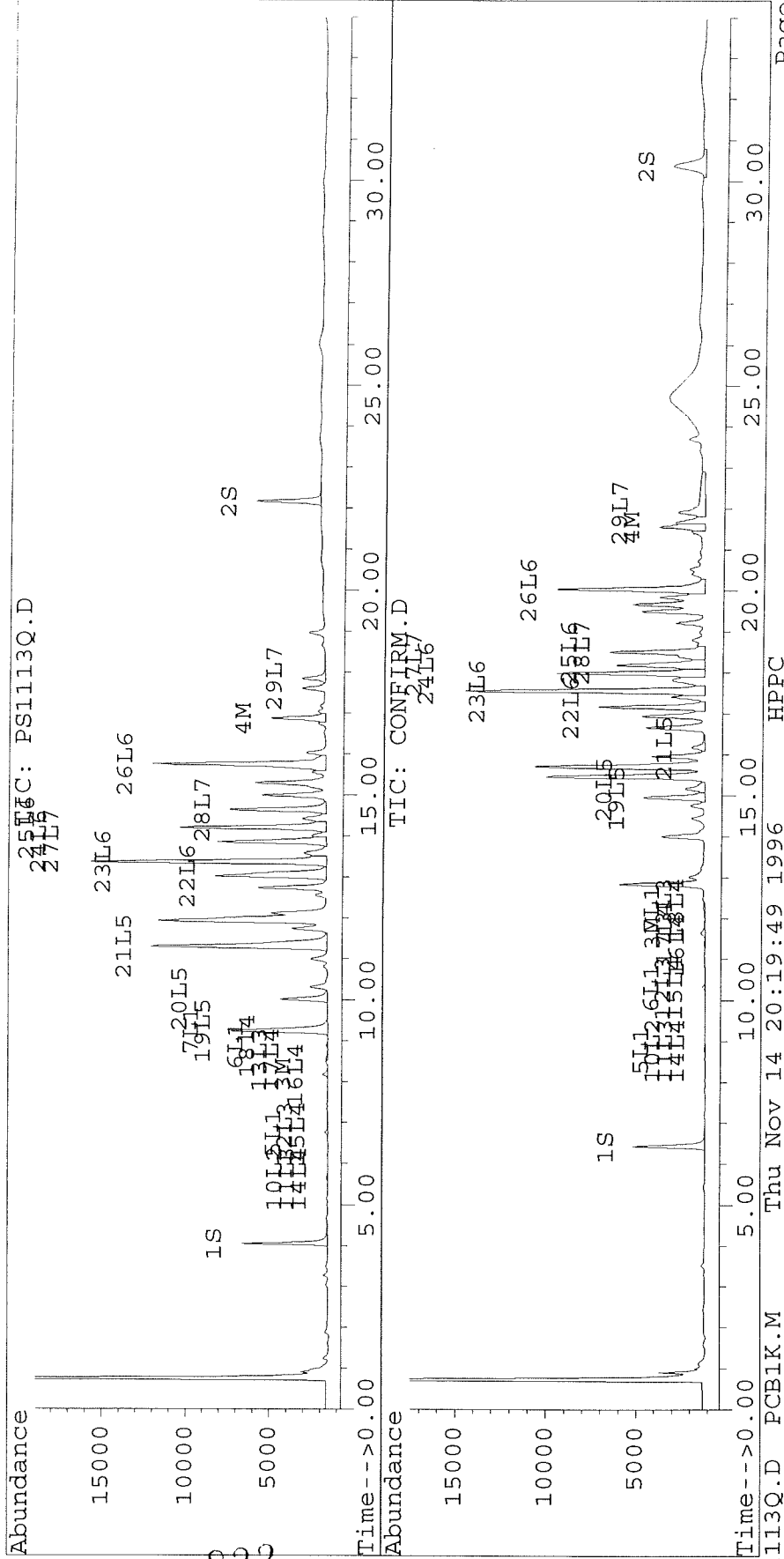
821

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113Q.D Vial: 2
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113Q.D\CONFIRM.D
 Acq On : 14 Nov 96 07:43 PM Operator: JS
 Sample : AR1254 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 14 20:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\PS1113R.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113R.D\CONFIRM.D
 Acq On : 14 Nov 96 08:20 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 20:56 1996

Vial: 3

Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5137	4089	20.608	20.939
			Recovery	=	51.52%	52.35%
2) S Decachlorobiphenyl	22.16	30.38	3817	1755	18.763	18.069
			Recovery	=	46.91%	45.17%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	13094	9412	121.178	97.239
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	388	267	2.076	1.580
5) L1 Aroclor-1016	6.75	8.79	8012	3637	250.069	285.728
6) L1 Aroclor-1016 {2}	8.88	10.32	4070	7031	239.308	249.471
7) L1 Aroclor-1016 {3}	9.27	12.25	6560	4049	254.219	238.866
Total Aroclor-1016			18642	14717	743.597	774.065
Average Aroclor-1016					247.866	258.022
8) L2 Aroclor-1221	5.05	8.02	689	581	98.293	95.091
9) L2 Aroclor-1221 {2}	5.47	8.57	950	792	162.864	162.338
10) L2 Aroclor-1221 {3}	5.64	8.79	4399	3637	217.724	236.932
Total Aroclor-1221			6038	5011	478.881	494.360
Average Aroclor-1221					159.627	164.787
11) L3 Aroclor-1232	5.64	8.79	4399	3637	241.185	253.825
12) L3 Aroclor-1232 {2}	6.75	10.32	8012	7031	587.064	585.230
13) L3 Aroclor-1232 {3}	8.55	12.25	4997	4049	603.704	583.940
Total Aroclor-1232			17408	14717	1431.953	1422.996
Average Aroclor-1232					477.318	474.332
14) L4 Aroclor-1242	5.64	8.79	4399	3637	185.021	192.162
15) L4 Aroclor-1242 {2}	6.75	10.32	8012	7031	189.199	189.464
16) L4 Aroclor-1242 {3}	8.17	11.38	13094	2984	202.916	187.469
17) L4 Aroclor-1242 (4)	8.55	11.65	4997	9412	185.289	186.326
18) L4 Aroclor-1242 (5)	8.88	12.25	4070	4049	183.305	182.102
Total Aroclor-1242			34573	27113	945.731	937.523
Average Aroclor-1242					189.146	187.505
19) L5 Aroclor-1248	9.27	14.95	6560	3905	232.754	194.745
20) L5 Aroclor-1248 {2}	10.01	15.17	5650	4460	240.478	216.197

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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113R.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113R.D\CONFIRM.D
 Acq On : 14 Nov 96 08:20 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 20:56 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.34	16.18	6010	3282	197.435	212.073
Total Aroclor-1248			18219	11647	670.666	623.015
Average Aroclor-1248					223.555	207.672
22) L6 Aroclor-1254	13.03	17.17	1101	728	31.756	23.309 #
23) L6 Aroclor-1254 {2}	13.36	17.56	1628	1337	22.618	19.367
24) L6 Aroclor-1254 {3}	13.85	17.99	962	827	28.634	18.984 #
25) L6 Aroclor-1254 (4)	14.20	0.00	1105	0	23.628	N.D. #
26) L6 Aroclor-1254 (5)	15.75	20.05	317	237	5.889	5.413
Total Aroclor-1254			5114	3130	112.526	67.073
Average Aroclor-1254					22.505	16.768
27) L7 Aroclor-1260	13.85	18.19	962	182	27.803	5.608 #
28) L7 Aroclor-1260 {2}	14.64	0.00	440	0	11.089	N.D. #
29) L7 Aroclor-1260 {3}	17.85	21.93	28	314	0.509	5.795 #
Total Aroclor-1260			1430	496	39.402	11.403
Average Aroclor-1260					13.134	5.701
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	18.97f	23.53	25	172	NoCal	NoCal
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

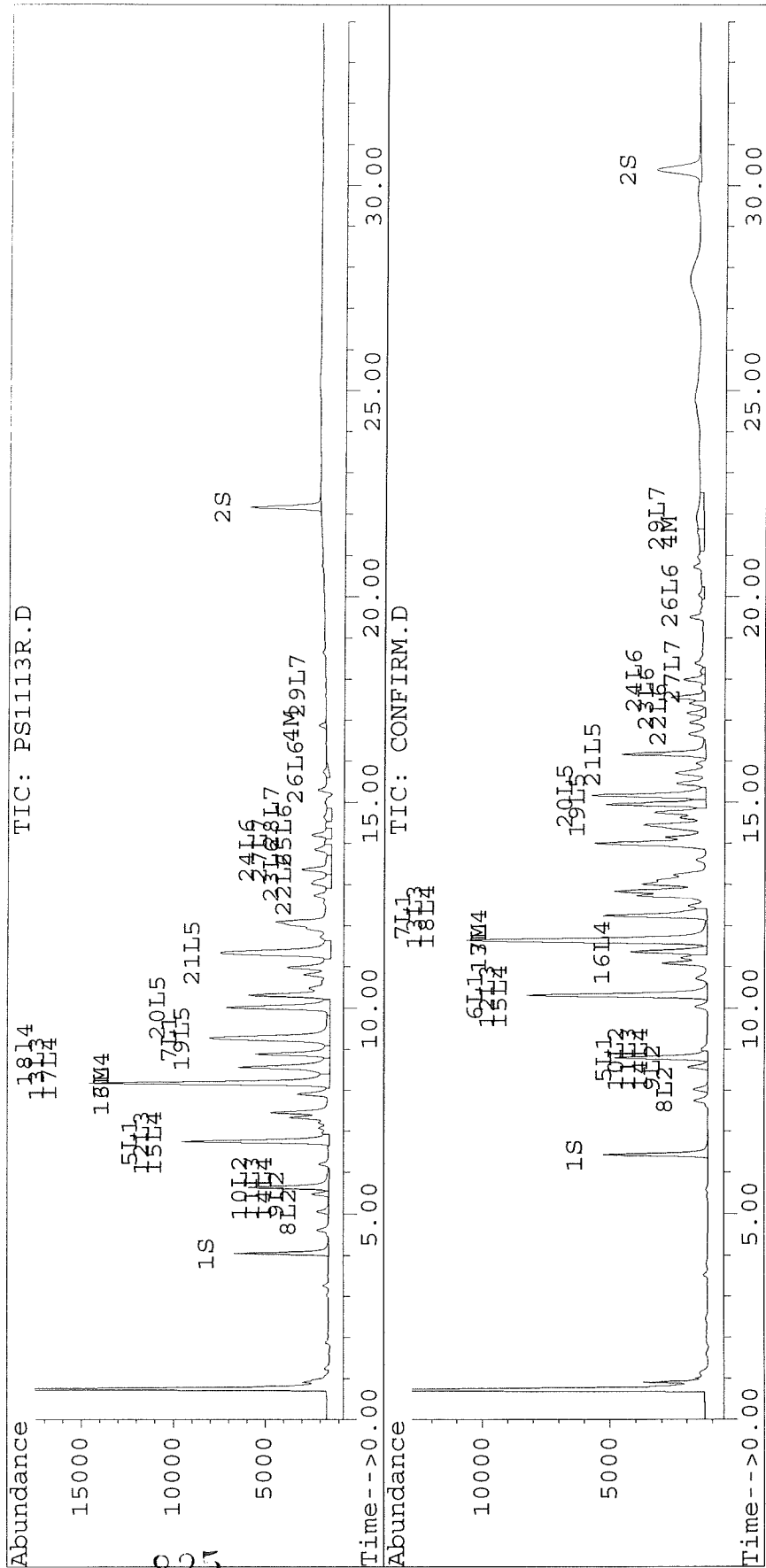
824

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113R.D Vial: 3
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113R.D\CONFIRM.D
 Acq On : 14 Nov 96 08:20 PM Operator: JS
 Sample : ARI242 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 14 20:56 1996

Method : C:\HPCHEM\5\METHODS\PCBIK.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\13NOV96\AR1221A.D
 Signal #2 : D:\HPCHEM\5\13NOV96\AR1221A.D\CONFIRM.D
 Acq On : 14 Nov 96 08:58 PM
 Sample : AR1221 5.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 21:34 1996

Vial: 43
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	26115	21124	104.759	108.178
			Recovery	=	261.90%	270.45%
2) S Decachlorobiphenyl	22.16	30.38	16612	7396	81.653	76.149
			Recovery	=	204.13%	190.37%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	3412	2501	31.571	25.841
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	816	184	4.361	1.089 #
5) L1 Aroclor-1016	6.75	8.79	3031	23998	94.614	1885.068 #
6) L1 Aroclor-1016 {2}	8.88	10.29	900	4772	52.936	169.313 #
7) L1 Aroclor-1016 {3}	9.26	12.25	643	1237	24.931	72.989 #
Total Aroclor-1016			4575	30007	172.481	2127.370
Average Aroclor-1016					57.494	709.123
8) L2 Aroclor-1221	5.04	8.01	12590	10919	1796.777	1785.529
9) L2 Aroclor-1221 {2}	5.47	8.56	9554	8032	1637.593	1646.774
10) L2 Aroclor-1221 {3}	5.63	8.79	30686	23998	1518.636	1563.140
Total Aroclor-1221			52829	42948	4953.006	4995.444
Average Aroclor-1221					1651.002	1665.148
11) L3 Aroclor-1232	5.63	8.79	30686	23998	1682.278	1674.595
12) L3 Aroclor-1232 {2}	6.75	10.29	3031	4772	222.116	397.187 #
13) L3 Aroclor-1232 {3}	8.56	12.25	1439	1237	173.877	178.430
Total Aroclor-1232			35156	30007	2078.270	2250.213
Average Aroclor-1232					692.757	750.071
14) L4 Aroclor-1242	5.63	8.79	30686	23998	1290.535	1267.778
15) L4 Aroclor-1242 {2}	6.75	10.29	3031	4772	71.584	128.587 #
16) L4 Aroclor-1242 {3}	8.17	11.38	3412	1282	52.867	80.529 #
17) L4 Aroclor-1242 (4)	8.56	11.66	1439	2501	53.366	49.515
18) L4 Aroclor-1242 (5)	8.88	12.25	900	1237	40.548	55.644 #
Total Aroclor-1242			39468	33789	1508.900	1582.052
Average Aroclor-1242					301.780	316.410
19) L5 Aroclor-1248	9.26	14.96	643	224	22.826	11.171 #
20) L5 Aroclor-1248 {2}	10.02	15.18	393	221	16.738	10.730 #

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\AR1221A.D Vial: 43
 Signal #2 : D:\HPCHEM\5\13NOV96\AR1221A.D\CONFIRM.D
 Acq On : 14 Nov 96 08:58 PM Operator: JS
 Sample : AR1221 5.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 14 21:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.30	16.18	892	145	29.292	9.397 #
Total Aroclor-1248			1928	591	68.855	31.298
Average Aroclor-1248					22.952	10.433
22) L6 Aroclor-1254	0.00	17.17	0	155	N.D.	4.960 #
23) L6 Aroclor-1254 {2}	13.38	17.55	698	672	9.696	9.740
24) L6 Aroclor-1254 {3}	13.86	17.99	944	174	28.096	3.992 #
25) L6 Aroclor-1254 (4)	14.21	18.51	153	675	3.264	24.048 #
26) L6 Aroclor-1254 (5)	15.75	20.04	529	447	9.813	10.200
Total Aroclor-1254			2323	2123	50.868	52.939
Average Aroclor-1254					12.717	10.588
27) L7 Aroclor-1260	13.86	18.19	944	884	27.281	27.220
28) L7 Aroclor-1260 {2}	14.64	18.51	717	675	18.062	18.358
29) L7 Aroclor-1260 {3}	17.85	21.92	349	457	6.313	8.434 #
Total Aroclor-1260			2009	2016	51.656	54.012
Average Aroclor-1260					17.219	18.004
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	0.00	23.54	0	49	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	28.14f	0	68	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

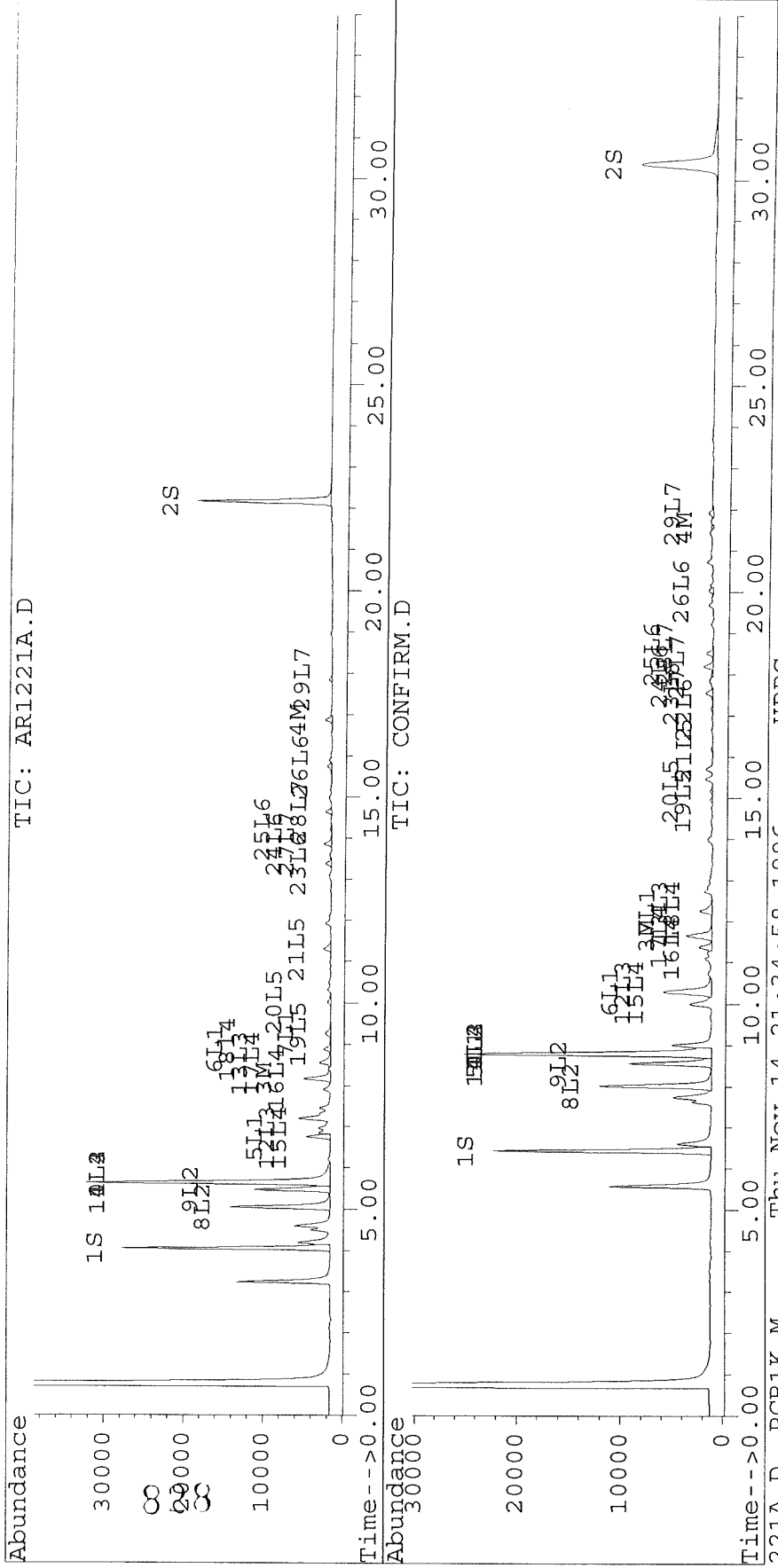
827

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\AR1221A.D Vial: 43
 Signal #2 : D:\HPCHEM\5\13NOV96\AR1221A.D\CONFIRM.D
 Acq On : 14 Nov 96 08:58 PM Operator: JS
 Sample : AR1221 5.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 14 21:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\13NOV96\AR1221B.D Vial: 44
 Signal #2 : D:\HPCHEM\5\13NOV96\AR1221B.D\CONFIRM.D
 Acq On : 14 Nov 96 09:35 PM Operator: JS
 Sample : AR1221 2.5 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 14 22:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	12642	9935	50.713	50.876
			Recovery	=	126.78%	127.19%
2) S Decachlorobiphenyl	22.16	30.38	8535	3695	41.951	38.043
			Recovery	=	104.88%	95.11%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	1656	1212	15.321	12.519
4) M 2,2',3,3',4,4'-Hexa	16.87	21.59	206	45	1.103	0.267 #
5) L1 Aroclor-1016	6.75	8.79	1562	13133	48.754	1031.619 #
6) L1 Aroclor-1016 {2}	8.88	10.30	420	2584	24.721	91.703 #
7) L1 Aroclor-1016 {3}	9.26	12.25	311	600	12.065	35.379 #
Total Aroclor-1016			2294	16317	85.540	1158.701
Average Aroclor-1016					28.513	386.234
8) L2 Aroclor-1221	5.04	8.02	6442	5576	919.389	911.843
9) L2 Aroclor-1221 {2}	5.47	8.56	5023	4304	861.025	882.331
10) L2 Aroclor-1221 {3}	5.64	8.79	16621	13133	822.571	855.442
Total Aroclor-1221			28086	23012	2602.985	2649.616
Average Aroclor-1221					867.662	883.205
11) L3 Aroclor-1232	5.64	8.79	16621	13133	911.208	916.436
12) L3 Aroclor-1232 {2}	6.75	10.30	1562	2584	114.455	215.124 #
13) L3 Aroclor-1232 {3}	8.56	12.25	685	600	82.703	86.488
Total Aroclor-1232			18867	16317	1108.366	1218.048
Average Aroclor-1232					369.455	406.016
14) L4 Aroclor-1242	5.64	8.79	16621	13133	699.020	693.802
15) L4 Aroclor-1242 {2}	6.75	10.30	1562	2584	36.887	69.645 #
16) L4 Aroclor-1242 {3}	8.17	11.38	1656	622	25.656	39.103 #
17) L4 Aroclor-1242 (4)	8.56	11.66	685	1212	25.383	23.988
18) L4 Aroclor-1242 (5)	8.88	12.25	420	600	18.936	26.971 #
Total Aroclor-1242			20944	18151	805.882	853.509
Average Aroclor-1242					161.176	170.702
19) L5 Aroclor-1248	9.26	14.96	311	108	11.046	5.387 #
20) L5 Aroclor-1248 {2}	10.02	15.18	186	106	7.903	5.130 #

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\AR1221B.D
 Signal #2 : D:\HPCHEM\5\13NOV96\AR1221B.D\CONFIRM.D
 Acq On : 14 Nov 96 09:35 PM
 Sample : AR1221 2.5 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 22:11 1996

Vial: 44
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.30	16.18	434	68	14.273	4.402 #
Total Aroclor-1248			931	282	33.223	14.920
Average Aroclor-1248					11.074	4.973
22) L6 Aroclor-1254	0.00	17.17	0	68	N.D.	2.181 #
23) L6 Aroclor-1254 {2}	13.37	17.55	346	318	4.805	4.607
24) L6 Aroclor-1254 {3}	13.86	17.99	475	58	14.125	1.333 #
25) L6 Aroclor-1254 (4)	14.21	18.51	72	322	1.532	11.491 #
26) L6 Aroclor-1254 (5)	15.75	20.04	266	218	4.943	4.978
Total Aroclor-1254			1158	985	25.405	24.590
Average Aroclor-1254					6.351	4.918
27) L7 Aroclor-1260	13.86	18.19	475	416	13.715	12.811
28) L7 Aroclor-1260 {2}	14.64	18.51	357	322	9.004	8.772
29) L7 Aroclor-1260 {3}	17.85	21.92	175	215	3.163	3.966 #
Total Aroclor-1260			1007	953	25.882	25.550
Average Aroclor-1260					8.627	8.517
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	28.13f	0	23	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

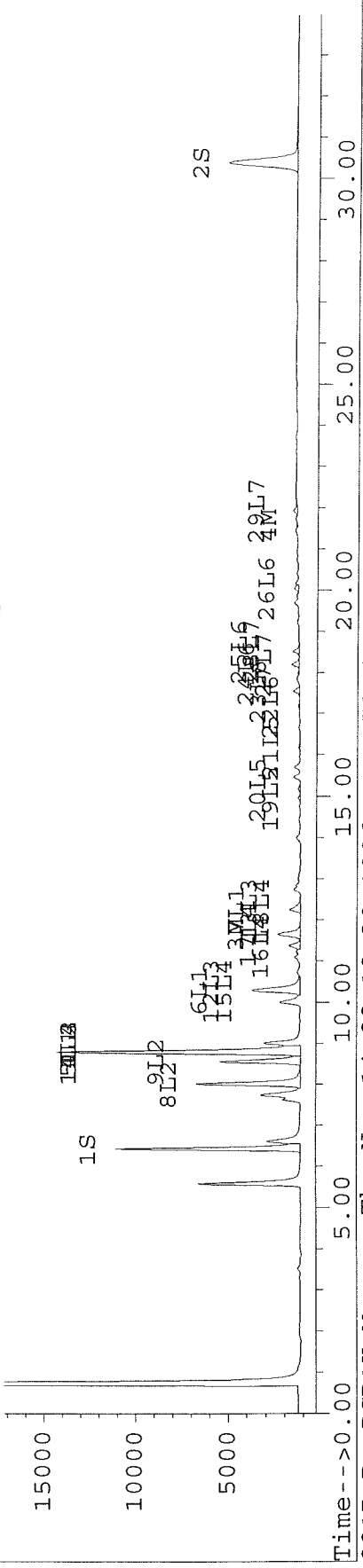
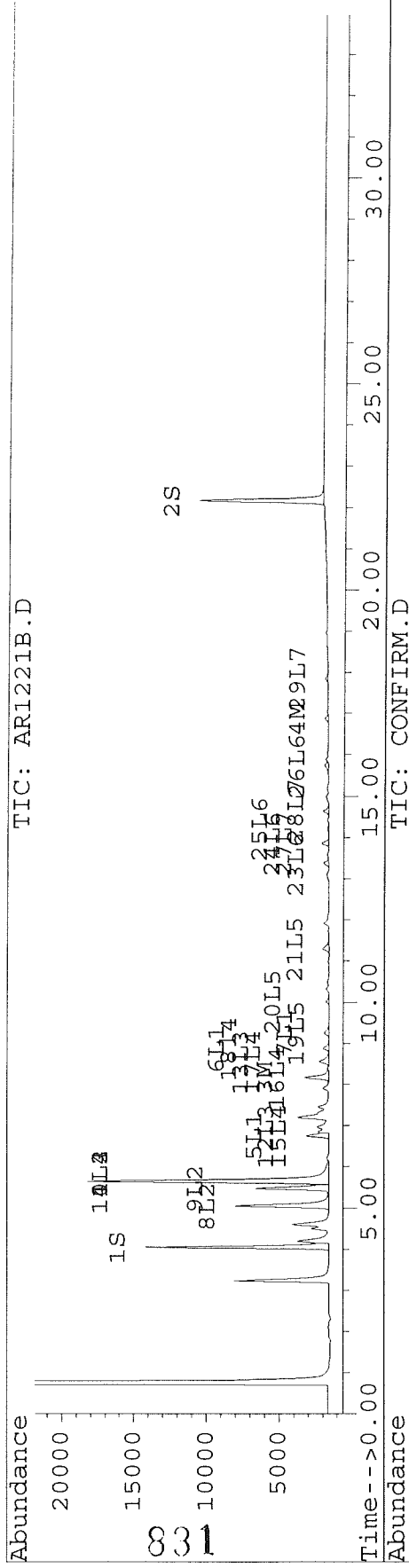
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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\AR1221B.D Vial: 44
 Signal #2 : D:\HPCHEM\5\13NOV96\AR1221B.D\CONFIRM.D
 Acq On : 14 Nov 96 09:35 PM Operator: JS
 Sample : AR1221 2.5 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 14 22:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\AR1221C.D Vial: 45
 Signal #2 : D:\HPCHEM\5\13NOV96\AR1221C.D\CONFIRM.D
 Acq On : 14 Nov 96 10:13 PM Operator: JS
 Sample : AR1221 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 14 22:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4369	3452	17.525	17.676
			Recovery	=	43.81%	44.19%
2) S Decachlorobiphenyl	22.16	30.38	3352	1505	16.477	15.491
			Recovery	=	41.19%	38.73%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	629	476	5.819	4.918
4) M 2,2',3,3',4,4'-Hexa	16.87	0.00	110	0	0.587	N.D. #
5) L1 Aroclor-1016	6.76	8.79	622	5519	19.418	433.556 #
6) L1 Aroclor-1016 {2}	8.88	10.30	165	1091	9.725	38.704 #
7) L1 Aroclor-1016 {3}	9.26	12.25	127	234	4.905	13.780 #
Total Aroclor-1016			914	6844	34.048	486.039
Average Aroclor-1016					11.349	162.013
8) L2 Aroclor-1221	5.04	8.02	2521	2176	359.760	355.880
9) L2 Aroclor-1221 {2}	5.47	8.56	2044	1739	350.356	356.500
10) L2 Aroclor-1221 {3}	5.64	8.79	7020	5519	347.420	359.514
Total Aroclor-1221			11585	9434	1057.536	1071.893
Average Aroclor-1221					352.512	357.298
11) L3 Aroclor-1232	5.64	8.79	7020	5519	384.857	385.148
12) L3 Aroclor-1232 {2}	6.76	10.30	622	1091	45.587	90.794 #
13) L3 Aroclor-1232 {3}	8.56	12.25	269	234	32.484	33.687
Total Aroclor-1232			7911	6844	462.928	509.630
Average Aroclor-1232					154.309	169.877
14) L4 Aroclor-1242	5.64	8.79	7020	5519	295.237	291.582
15) L4 Aroclor-1242 {2}	6.76	10.30	622	1091	14.692	29.394 #
16) L4 Aroclor-1242 {3}	8.17	11.38	629	245	9.744	15.363 #
17) L4 Aroclor-1242 (4)	8.56	11.66	269	476	9.970	9.424
18) L4 Aroclor-1242 (5)	8.88	12.25	165	234	7.449	10.505 #
Total Aroclor-1242			8705	7564	337.092	356.268
Average Aroclor-1242					67.418	71.254
19) L5 Aroclor-1248	9.26	14.96	127	43	4.491	2.126 #
20) L5 Aroclor-1248 {2}	10.02	15.17	72	49	3.046	2.366

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\AR1221C.D
 Signal #2 : D:\HPCHEM\5\13NOV96\AR1221C.D\CONFIRM.D
 Acq On : 14 Nov 96 10:13 PM
 Sample : AR1221 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 22:49 1996

Vial: 45
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.30	16.19	175	26	5.737	1.674 #
Total Aroclor-1248			373	117	13.274	6.167
Average Aroclor-1248					4.425	2.056
22) L6 Aroclor-1254	0.00	17.18	0	26	N.D.	0.829 #
23) L6 Aroclor-1254 {2}	13.38	17.55	135	125	1.882	1.810
24) L6 Aroclor-1254 {3}	13.86	17.99	185	21	5.495	0.481 #
25) L6 Aroclor-1254 (4)	14.22	18.51	28	128	0.593	4.577 #
26) L6 Aroclor-1254 (5)	15.75	20.05	106	93	1.971	2.114
Total Aroclor-1254			454	393	9.941	9.812
Average Aroclor-1254					2.485	1.962
27) L7 Aroclor-1260	13.86	18.19	185	164	5.335	5.041
28) L7 Aroclor-1260 {2}	14.64	18.51	142	128	3.584	3.494
29) L7 Aroclor-1260 {3}	17.85	21.92	70	79	1.270	1.452
Total Aroclor-1260			397	371	10.190	9.987
Average Aroclor-1260					3.397	3.329
30) L8 Aroclor-1268	0.00	23.35f	0	23	N.D.	5.445 #
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	23	N.D.	5.445
Average Aroclor-1268					0.000	5.445

833

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\AR1221D.D Vial: 46
 Signal #2 : D:\HPCHEM\5\13NOV96\AR1221D.D\CONFIRM.D
 Acq On : 14 Nov 96 10:51 PM Operator: JS
 Sample : AR1221 0.5 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 14 23:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.44	1936	1537	7.768	7.873
			Recovery	=	19.42%	19.68%
2) S Decachlorobiphenyl	22.16	30.38	1654	770	8.129	7.928
			Recovery	=	20.32%	19.82%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.18	11.66	298	228	2.760	2.357
4) M 2,2',3,3',4,4'-Hexa	16.87	0.00	82	0	0.441	N.D. #
5) L1 Aroclor-1016	6.76	8.80	302	2736	9.437	214.916 #
6) L1 Aroclor-1016 {2}	8.88	10.31	81	541	4.758	19.184 #
7) L1 Aroclor-1016 {3}	9.26	12.25	63	111	2.452	6.544 #
Total Aroclor-1016			447	3388	16.647	240.644
Average Aroclor-1016					5.549	80.215
8) L2 Aroclor-1221	5.05	8.02	1192	1027	170.134	167.900
9) L2 Aroclor-1221 {2}	5.47	8.57	991	845	169.834	173.205
10) L2 Aroclor-1221 {3}	5.64	8.80	3523	2736	174.338	178.213
Total Aroclor-1221			5706	4607	514.305	519.319
Average Aroclor-1221					171.435	173.106
11) L3 Aroclor-1232	5.64	8.80	3523	2736	193.123	190.920
12) L3 Aroclor-1232 {2}	6.76	10.31	302	541	22.154	45.003 #
13) L3 Aroclor-1232 {3}	8.56	12.25	129	111	15.594	15.999
Total Aroclor-1232			3954	3388	230.871	251.922
Average Aroclor-1232					76.957	83.974
14) L4 Aroclor-1242	5.64	8.80	3523	2736	148.152	144.539
15) L4 Aroclor-1242 {2}	6.76	10.31	302	541	7.140	14.569 #
16) L4 Aroclor-1242 {3}	8.18	11.38	298	116	4.621	7.310 #
17) L4 Aroclor-1242 (4)	8.56	11.66	129	228	4.786	4.517
18) L4 Aroclor-1242 (5)	8.88	12.25	81	111	3.645	4.989 #
Total Aroclor-1242			4333	3732	168.343	175.925
Average Aroclor-1242					33.669	35.185
19) L5 Aroclor-1248	9.26	14.96	63	23	2.245	1.144 #
20) L5 Aroclor-1248 {2}	10.02	15.18	37	24	1.580	1.167 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 AR1221D.D PCB1K.M Thu Nov 14 23:27:00 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\AR1221D.D
 Signal #2 : D:\HPCHEM\5\13NOV96\AR1221D.D\CONFIRM.D
 Acq On : 14 Nov 96 10:51 PM
 Sample : AR1221 0.5 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 14 23:26 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.30	16.18	87	15	2.848	0.983 #
Total Aroclor-1248			187	62	6.673	3.294
Average Aroclor-1248					2.224	1.098
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	13.38	17.55	68	63	0.939	0.919
24) L6 Aroclor-1254 {3}	13.86	0.00	90	0	2.681	N.D. #
25) L6 Aroclor-1254 (4)	0.00	18.51	0	61	N.D.	2.180 #
26) L6 Aroclor-1254 (5)	15.75	20.04	52	42	0.956	0.953
Total Aroclor-1254			209	166	4.576	4.052
Average Aroclor-1254					1.525	1.351
27) L7 Aroclor-1260	13.86	18.19	90	81	2.603	2.501
28) L7 Aroclor-1260 {2}	14.64	18.51	70	61	1.773	1.664
29) L7 Aroclor-1260 {3}	17.85	21.92	34	55	0.611	1.020 #
Total Aroclor-1260			194	198	4.987	5.185
Average Aroclor-1260					1.662	1.728
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

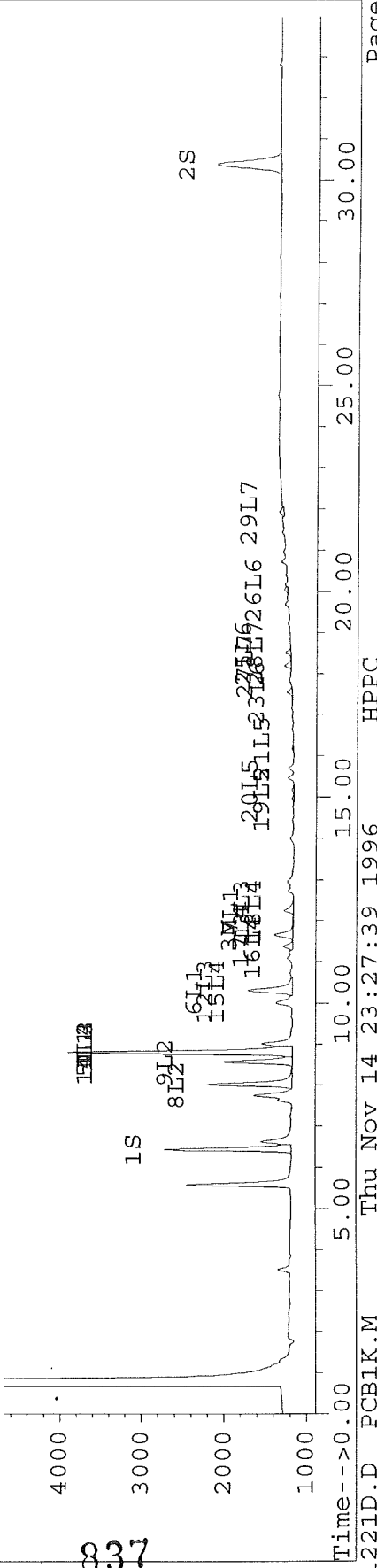
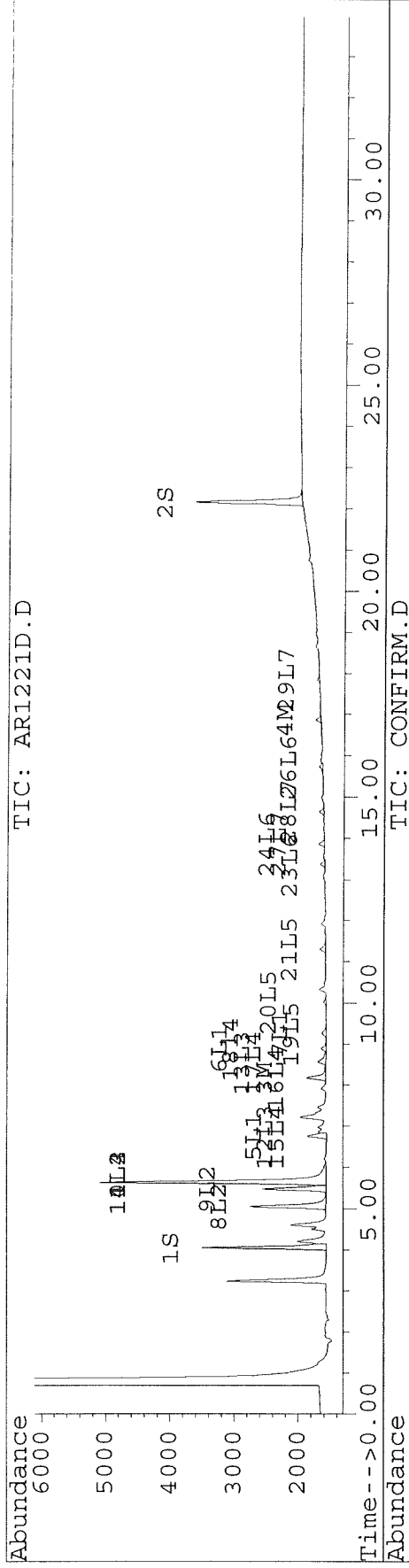
836

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\AR1221D.D Vial: 46
 Signal #2 : D:\HPCHEM\5\13NOV96\AR1221D.D\CONFIRM.D
 Acq On : 14 Nov 96 10:51 PM Operator: JS
 Sample : AR1221 0.5 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 14 23:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\AR1221E.D
 Signal #2 : D:\HPCHEM\5\13NOV96\AR1221E.D\CONFIRM.D
 Acq On : 14 Nov 96 11:28 PM
 Sample : AR1221 0.2 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 15 0:04 1996

Vial: 47
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.44	775	627	3.110	3.210
			Recovery	=	7.78%	8.03%
2) S Decachlorobiphenyl	22.16	30.38	678	318	3.334	3.271
			Recovery	=	8.34%	8.18%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	140	106	1.291	1.092
4) M 2,2',3,3',4,4'-Hexa	16.87	0.00	119	0	0.638	N.D. #
5) L1 Aroclor-1016	6.76	8.80	143	1181	4.470	92.735 #
6) L1 Aroclor-1016 {2}	8.88	10.31	35	263	2.057	9.315 #
7) L1 Aroclor-1016 {3}	9.26	12.25	30	49	1.169	2.880 #
Total Aroclor-1016			208	1492	7.696	104.930
Average Aroclor-1016					2.565	34.977
8) L2 Aroclor-1221	5.05	8.02	505	436	72.056	71.335
9) L2 Aroclor-1221 {2}	5.47	8.57	433	348	74.155	71.294
10) L2 Aroclor-1221 {3}	5.64	8.80	1543	1181	76.375	76.898
Total Aroclor-1221			2481	1965	222.587	219.527
Average Aroclor-1221					74.196	73.176
11) L3 Aroclor-1232	5.64	8.80	1543	1181	84.605	82.381
12) L3 Aroclor-1232 {2}	6.76	10.31	143	263	10.495	21.851 #
13) L3 Aroclor-1232 {3}	8.56	12.25	63	49	7.620	7.040
Total Aroclor-1232			1750	1492	102.720	111.272
Average Aroclor-1232					34.240	37.091
14) L4 Aroclor-1242	5.64	8.80	1543	1181	64.904	62.368
15) L4 Aroclor-1242 {2}	6.76	10.31	143	263	3.382	7.074 #
16) L4 Aroclor-1242 {3}	8.17	11.38	140	62	2.162	3.864 #
17) L4 Aroclor-1242 (4)	8.56	11.66	63	106	2.339	2.092
18) L4 Aroclor-1242 (5)	8.88	12.25	35	49	1.576	2.195 #
Total Aroclor-1242			1924	1659	74.362	77.593
Average Aroclor-1242					14.872	15.519
19) L5 Aroclor-1248	9.26	14.96	30	46	1.070	2.282 #
20) L5 Aroclor-1248 {2}	10.02	15.18	18	52	0.774	2.537 #

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\AR1221E.D
 Signal #2 : D:\HPCHEM\5\13NOV96\AR1221E.D\CONFIRM.D
 Acq On : 14 Nov 96 11:28 PM
 Sample : AR1221 0.2 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 15 0:04 1996

Vial: 47
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.31	16.19	47	69	1.558	4.477 #
Total Aroclor-1248			96	167	3.402	9.297
Average Aroclor-1248					1.134	3.099
22) L6 Aroclor-1254	0.00	17.14	0	54	N.D.	1.724 #
23) L6 Aroclor-1254 {2}	13.38	17.56	84	66	1.167	0.958
24) L6 Aroclor-1254 {3}	13.86	18.00	99	43	2.948	0.978 #
25) L6 Aroclor-1254 (4)	14.22	18.51	75	50	1.604	1.787
26) L6 Aroclor-1254 (5)	15.75	20.05	94	34	1.735	0.774 #
Total Aroclor-1254			352	247	7.454	6.222
Average Aroclor-1254					1.864	1.244
27) L7 Aroclor-1260	13.86	18.19	99	62	2.863	1.909 #
28) L7 Aroclor-1260 {2}	14.64	18.51	107	50	2.696	1.364 #
29) L7 Aroclor-1260 {3}	17.85	21.93	32	53	0.575	0.988 #
Total Aroclor-1260			238	166	6.134	4.262
Average Aroclor-1260					2.045	1.421
30) L8 Aroclor-1268	0.00	23.33	0	29	N.D.	6.814 #
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	29	N.D.	6.814
Average Aroclor-1268					0.000	6.814

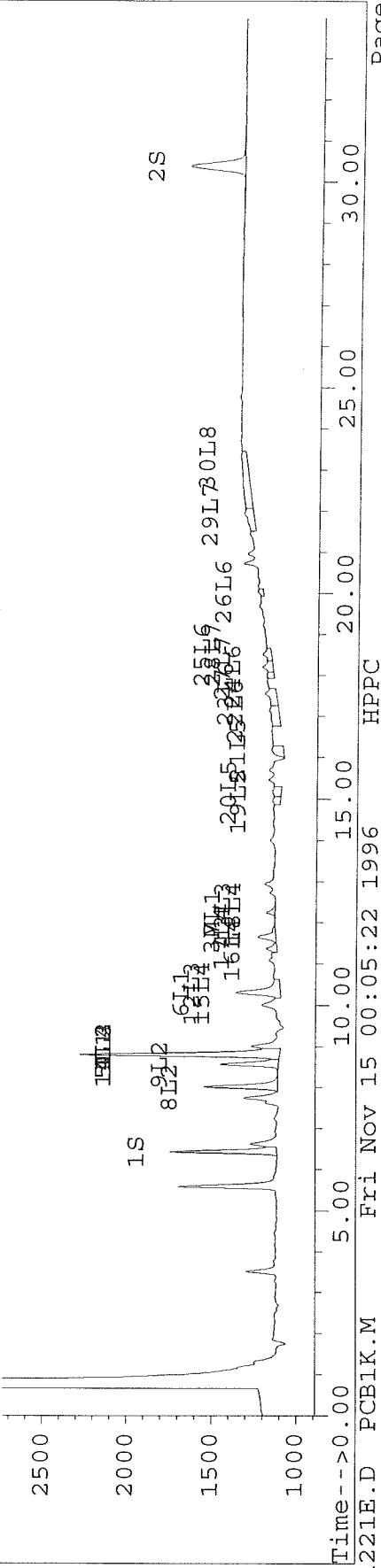
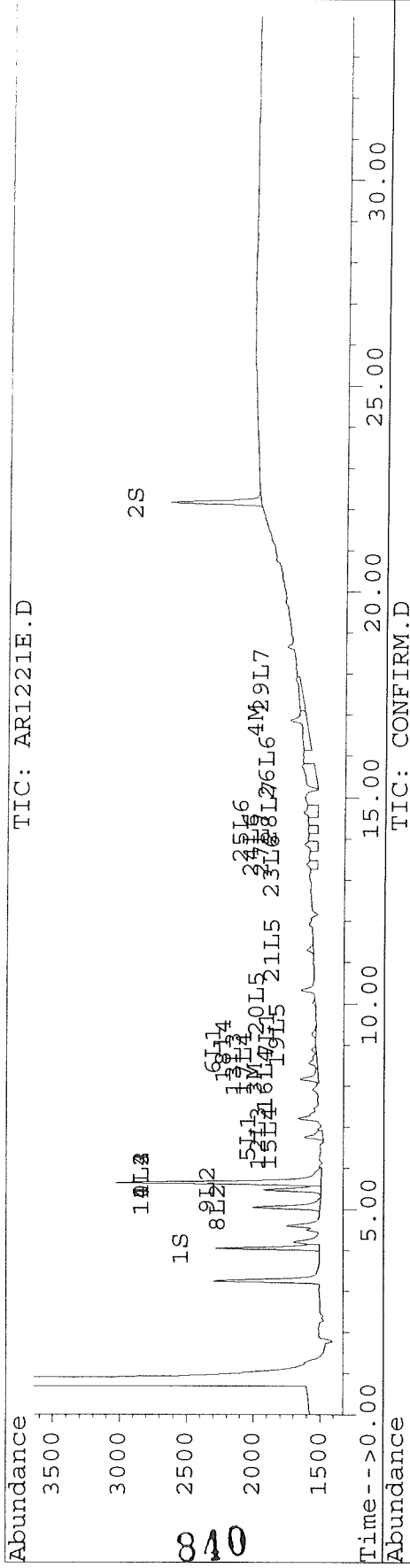
839

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\AR1221E.D Vial: 47
 Signal #2 : D:\HPCHEM\5\13NOV96\AR1221E.D\CONFIRM.D
 Acq On : 14 Nov 96 11:28 PM Operator: JS
 Sample : AR1221 0.2 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 0:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\900-38.D Vial: 48
 Signal #2 : D:\HPCHEM\5\13NOV96\900-38.D\CONFIRM.D
 Acq On : 15 Nov 96 00:06 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 0:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4286	3425	17.194	17.541
			Recovery	=	42.98%	43.85%
2) S Decachlorobiphenyl	22.16	30.38	3732	1664	18.343	17.129
			Recovery	=	45.86%	42.82%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	113	67	1.043	0.689 #
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	885	202	4.730	1.193 #
5) L1 Aroclor-1016	6.76	8.80	117	609	3.651	47.853 #
6) L1 Aroclor-1016 {2}	8.88	10.31	28	138	1.632	4.879 #
7) L1 Aroclor-1016 {3}	9.24f	12.26	383	26	14.851	1.512 #
Total Aroclor-1016			528	772	20.134	54.244
Average Aroclor-1016					6.711	18.081
8) L2 Aroclor-1221	5.05	8.01	263	276	37.512	45.211
9) L2 Aroclor-1221 {2}	5.47	8.57	219	192	37.611	39.454
10) L2 Aroclor-1221 {3}	5.64	8.80	802	609	39.710	39.681
Total Aroclor-1221			1285	1078	114.833	124.346
Average Aroclor-1221					38.278	41.449
11) L3 Aroclor-1232	5.64	8.80	802	609	43.989	42.510
12) L3 Aroclor-1232 {2}	6.76	10.31	117	138	8.571	11.446 #
13) L3 Aroclor-1232 {3}	8.55	12.26	56	26	6.716	3.695 #
Total Aroclor-1232			975	772	59.277	57.652
Average Aroclor-1232					19.759	19.217
14) L4 Aroclor-1242	5.64	8.80	802	609	33.746	32.183
15) L4 Aroclor-1242 {2}	6.76	10.31	117	138	2.762	3.706 #
16) L4 Aroclor-1242 {3}	8.17	11.37	113	36	1.747	2.269 #
17) L4 Aroclor-1242 (4)	8.55	11.66	56	67	2.061	1.319 #
18) L4 Aroclor-1242 (5)	8.88	12.26	28	26	1.250	1.152
Total Aroclor-1242			1115	875	41.567	40.630
Average Aroclor-1242					8.313	8.126
19) L5 Aroclor-1248	9.24	14.96	383	193	13.597	9.635 #
20) L5 Aroclor-1248 {2}	10.01	15.18	174	75	7.410	3.643 #

0.1

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-38.D Vial: 48
 Signal #2 : D:\HPCHEM\5\13NOV96\900-38.D\CONFIRM.D
 Acq On : 15 Nov 96 00:06 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 0:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul	
21) L5 Aroclor-1248 {3}	11.30f	16.19	681	49	22.359	3.138	#
Total Aroclor-1248			1238	317	43.366	16.415	
Average Aroclor-1248					14.455	5.472	
22) L6 Aroclor-1254	13.02	17.17	366	312	10.550	9.995	
23) L6 Aroclor-1254 {2}	13.36	17.56	764	724	10.610	10.490	
24) L6 Aroclor-1254 {3}	13.85	17.99	393	452	11.712	10.385	
25) L6 Aroclor-1254 (4)	14.20	18.51	484	325	10.348	11.584	
26) L6 Aroclor-1254 (5)	15.75	20.04	570	458	10.582	10.454	
Total Aroclor-1254			2577	2272	53.802	52.907	
Average Aroclor-1254					10.760	10.581	
27) L7 Aroclor-1260	13.85	18.19	393	317	11.372	9.743	
28) L7 Aroclor-1260 {2}	14.64	18.51	353	325	8.885	8.843	
29) L7 Aroclor-1260 {3}	17.85	21.92	86	146	1.564	2.700	#
Total Aroclor-1260			832	788	21.821	21.286	
Average Aroclor-1260					7.274	7.095	
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	

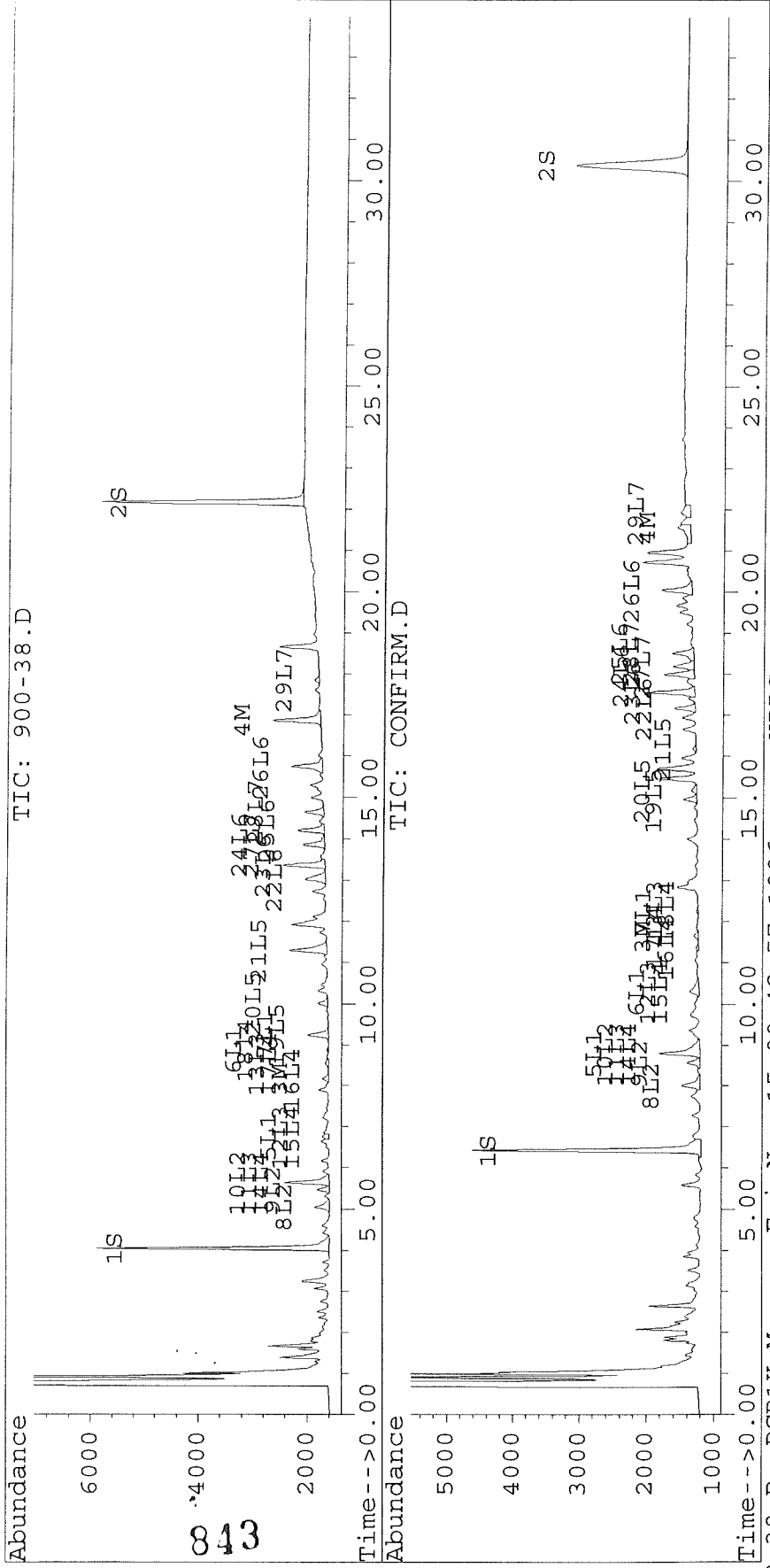
842

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-38.D Vial: 48
 Signal #2 : D:\HPCHEM\5\13NOV96\900-38.D\CONFIRM.D
 Acq On : 15 Nov 96 00:06 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 0:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\900-39.D Vial: 49
 Signal #2 : D:\HPCHEM\5\13NOV96\900-39.D\CONFIRM.D
 Acq On : 15 Nov 96 00:43 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 1:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4397	3417	17.638	17.496
			Recovery	=	44.10%	43.74%
2) S Decachlorobiphenyl	22.16	30.38	3802	1707	18.689	17.571
			Recovery	=	46.72%	43.93%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	87	61	0.803	0.629
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	499	137	2.668	0.808 #
5) L1 Aroclor-1016	6.76	8.80	95	609	2.976	47.872 #
6) L1 Aroclor-1016 {2}	8.88	10.31	24	120	1.404	4.249 #
7) L1 Aroclor-1016 {3}	9.24f	12.25	386	30	14.965	1.747 #
Total Aroclor-1016			505	759	19.344	53.868
Average Aroclor-1016					6.448	17.956
8) L2 Aroclor-1221	5.05	8.02	266	277	38.016	45.352
9) L2 Aroclor-1221 {2}	5.47	8.57	219	187	37.465	38.372
10) L2 Aroclor-1221 {3}	5.64	8.80	807	609	39.942	39.697
Total Aroclor-1221			1292	1074	115.422	123.421
Average Aroclor-1221					38.474	41.140
11) L3 Aroclor-1232	5.64	8.80	807	609	44.246	42.527
12) L3 Aroclor-1232 {2}	6.76	10.31	95	120	6.985	9.969 #
13) L3 Aroclor-1232 {3}	8.55	12.25	42	30	5.042	4.270
Total Aroclor-1232			944	759	56.274	56.765
Average Aroclor-1232					18.758	18.922
14) L4 Aroclor-1242	5.64	8.80	807	609	33.943	32.196
15) L4 Aroclor-1242 {2}	6.76	10.31	95	120	2.251	3.227 #
16) L4 Aroclor-1242 {3}	8.17	11.38	87	33	1.344	2.100 #
17) L4 Aroclor-1242 (4)	8.55	11.66	42	61	1.548	1.205
18) L4 Aroclor-1242 (5)	8.88	12.25	24	30	1.075	1.332
Total Aroclor-1242			1055	853	40.161	40.059
Average Aroclor-1242					8.032	8.012
19) L5 Aroclor-1248	9.24	14.96	386	197	13.702	9.809 #
20) L5 Aroclor-1248 {2}	10.01	15.18	169	69	7.187	3.339 #

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-39.D Vial: 49
 Signal #2 : D:\HPCHEM\5\13NOV96\900-39.D\CONFIRM.D
 Acq On : 15 Nov 96 00:43 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 1:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.30	16.18	677	42	22.235	2.685 #
Total Aroclor-1248			1232	307	43.124	15.834
Average Aroclor-1248					14.375	5.278
22) L6 Aroclor-1254	13.02	17.17	360	318	10.368	10.180
23) L6 Aroclor-1254 {2}	13.36	17.56	768	753	10.669	10.903
24) L6 Aroclor-1254 {3}	13.86	17.99	395	454	11.771	10.423
25) L6 Aroclor-1254 (4)	14.20	18.51	478	319	10.228	11.387
26) L6 Aroclor-1254 (5)	15.75	20.04	555	448	10.303	10.221
Total Aroclor-1254			2557	2293	53.339	53.115
Average Aroclor-1254					10.668	10.623
27) L7 Aroclor-1260	13.86	18.19	395	313	11.430	9.632
28) L7 Aroclor-1260 {2}	14.64	18.51	348	319	8.758	8.693
29) L7 Aroclor-1260 {3}	17.85	21.92	81	94	1.458	1.734
Total Aroclor-1260			824	726	21.646	20.059
Average Aroclor-1260					7.215	6.686
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

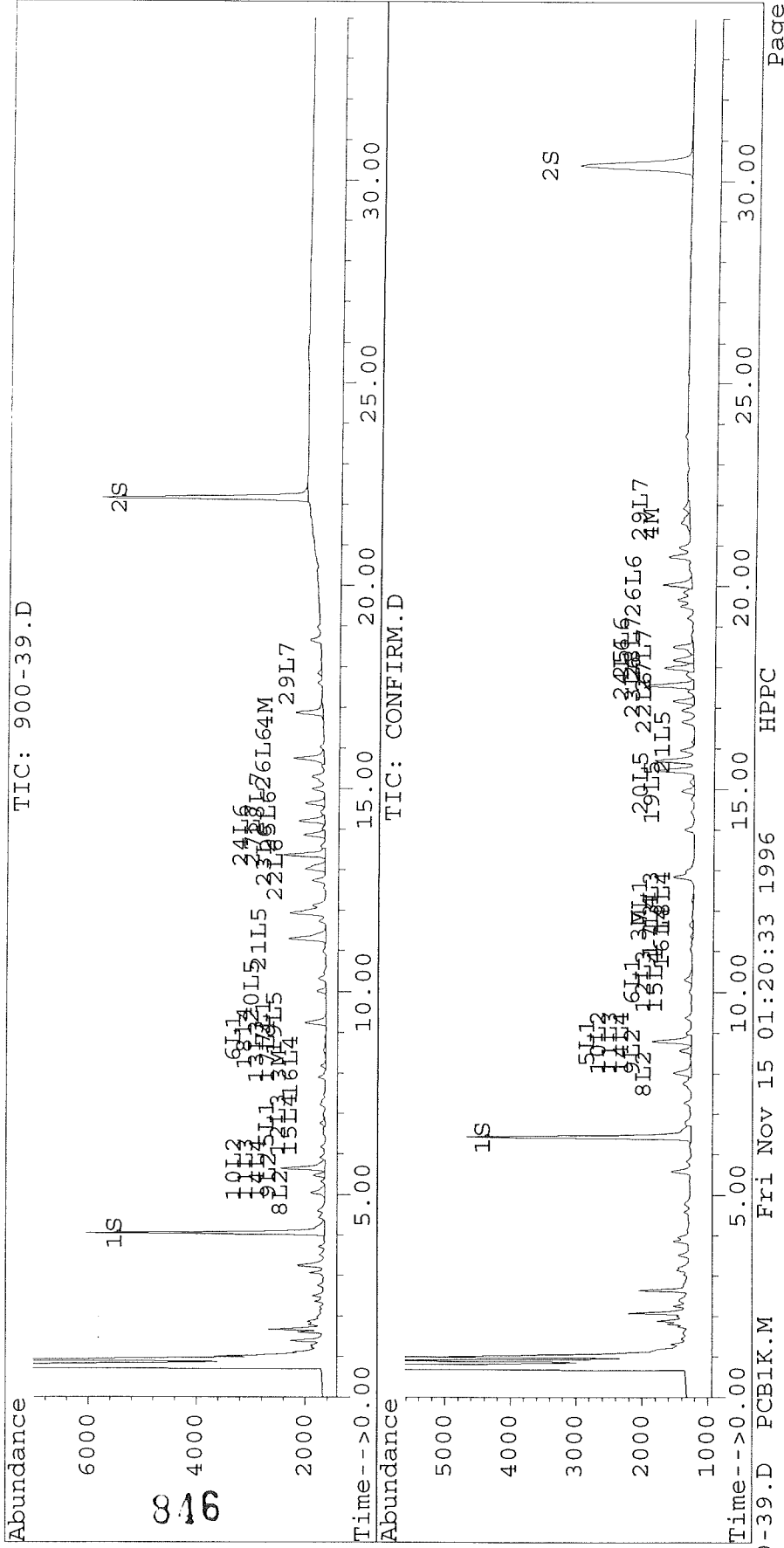
845

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-39.D Vial: 49
 Signal #2 : D:\HPCHEM\5\13NOV96\900-39.D\CONFIRM.D
 Acq On : 15 Nov 96 00:43 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 1:19 1996

Method : C:\HPCHEM\5\METHODS\PCBIK.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\900-40.D Vial: 50
 Signal #2 : D:\HPCHEM\5\13NOV96\900-40.D\CONFIRM.D
 Acq On : 15 Nov 96 01:21 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 1:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4095	3239	16.428	16.590
			Recovery	=	41.07%	41.48%
2) S Decachlorobiphenyl	22.16	30.38	3321	1507	16.326	15.512
			Recovery	=	40.82%	38.78%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	90	67	0.833	0.691
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	498	143	2.663	0.845 #
5) L1 Aroclor-1016	6.76	8.80	103	597	3.206	46.900 #
6) L1 Aroclor-1016 {2}	8.88	10.31	28	138	1.617	4.890 #
7) L1 Aroclor-1016 {3}	9.24f	12.26	358	33	13.878	1.918 #
Total Aroclor-1016			488	767	18.701	53.708
Average Aroclor-1016					6.234	17.903
8) L2 Aroclor-1221	5.04	8.01	257	273	36.613	44.707
9) L2 Aroclor-1221 {2}	5.47	8.57	209	195	35.798	39.947
10) L2 Aroclor-1221 {3}	5.64	8.80	773	597	38.242	38.890
Total Aroclor-1221			1238	1065	110.653	123.544
Average Aroclor-1221					36.884	41.181
11) L3 Aroclor-1232	5.64	8.80	773	597	42.363	41.663
12) L3 Aroclor-1232 {2}	6.76	10.31	103	138	7.526	11.472 #
13) L3 Aroclor-1232 {3}	8.55	12.26	47	33	5.705	4.689
Total Aroclor-1232			923	767	55.593	57.824
Average Aroclor-1232					18.531	19.275
14) L4 Aroclor-1242	5.64	8.80	773	597	32.498	31.542
15) L4 Aroclor-1242 {2}	6.76	10.31	103	138	2.425	3.714 #
16) L4 Aroclor-1242 {3}	8.17	11.38	90	43	1.394	2.673 #
17) L4 Aroclor-1242 (4)	8.55	11.66	47	67	1.751	1.323
18) L4 Aroclor-1242 (5)	8.88	12.26	28	33	1.239	1.462
Total Aroclor-1242			1040	877	39.308	40.715
Average Aroclor-1242					7.862	8.143
19) L5 Aroclor-1248	9.24	14.96	358	179	12.706	8.951 #
20) L5 Aroclor-1248 {2}	10.01	15.18	157	63	6.693	3.071 #

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-40.D Vial: 50
 Signal #2 : D:\HPCHEM\5\13NOV96\900-40.D\CONFIRM.D
 Acq On : 15 Nov 96 01:21 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 1:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.30	16.18	623	36	20.462	2.326 #
Total Aroclor-1248			1138	279	39.860	14.348
Average Aroclor-1248					13.287	4.783
22) L6 Aroclor-1254	13.02	17.17	324	289	9.342	9.239
23) L6 Aroclor-1254 {2}	13.36	17.56	695	661	9.659	9.568
24) L6 Aroclor-1254 {3}	13.86	17.99	360	405	10.715	9.284
25) L6 Aroclor-1254 (4)	14.20	18.51	421	291	8.991	10.373
26) L6 Aroclor-1254 (5)	15.75	20.04	519	408	9.623	9.312
Total Aroclor-1254			2318	2053	48.331	47.777
Average Aroclor-1254					9.666	9.555
27) L7 Aroclor-1260	13.86	18.19	360	291	10.404	8.964
28) L7 Aroclor-1260 {2}	14.64	18.51	313	291	7.897	7.919
29) L7 Aroclor-1260 {3}	17.84	21.92	78	105	1.410	1.939 #
Total Aroclor-1260			751	687	19.711	18.821
Average Aroclor-1260					6.570	6.274
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

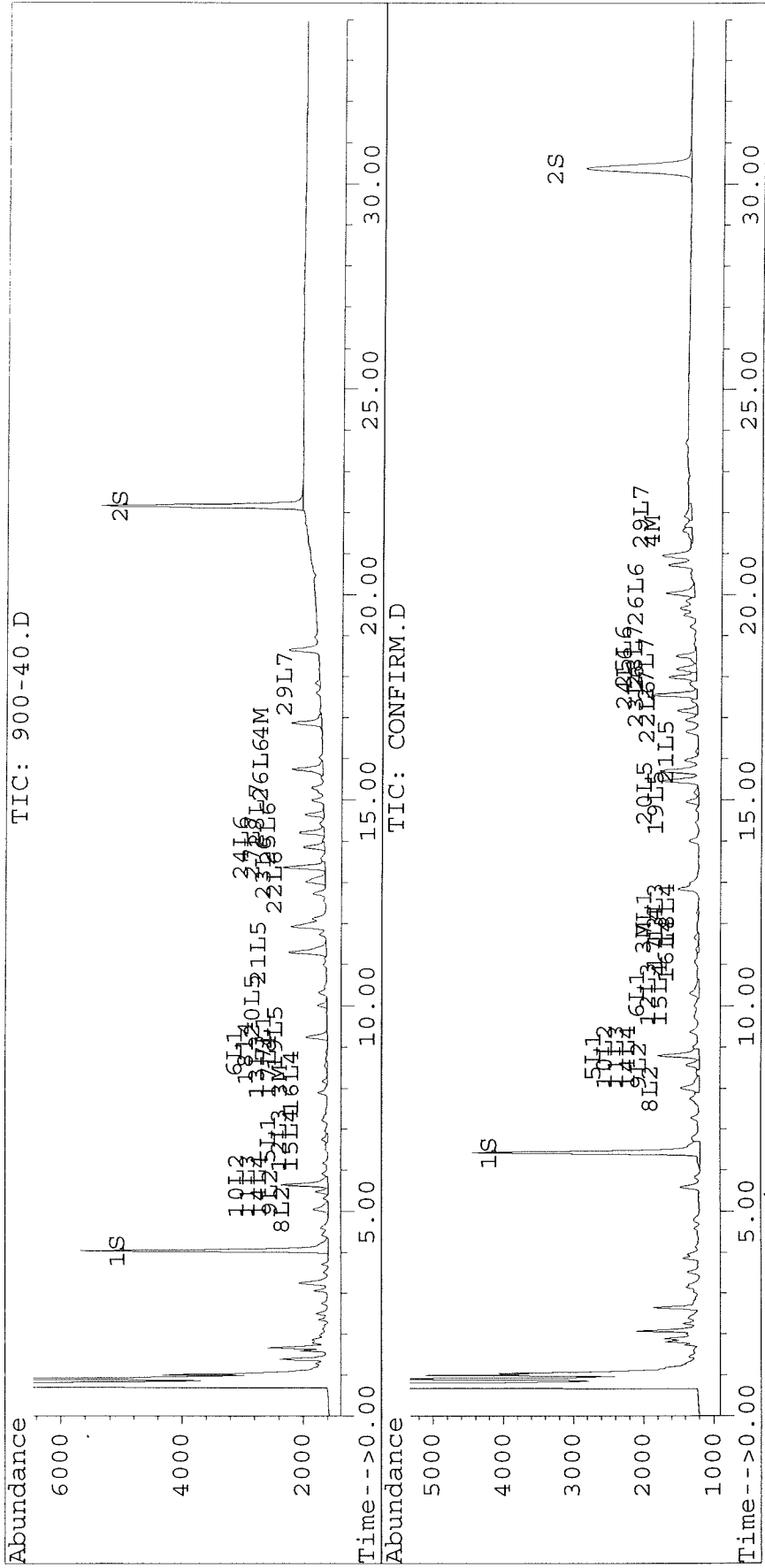
848

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-40.D Vial: 50
 Signal #2 : D:\HPCHEM\5\13NOV96\900-40.D\CONFIRM.D
 Acq On : 15 Nov 96 01:21 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 1:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\900-41.D Vial: 51
 Signal #2 : D:\HPCHEM\5\13NOV96\900-41.D\CONFIRM.D
 Acq On : 15 Nov 96 01:58 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 2:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4251	3356	17.054	17.186
			Recovery	=	42.64%	42.97%
2) S Decachlorobiphenyl	22.16	30.37	3400	1515	16.711	15.600
			Recovery	=	41.78%	39.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	83	62	0.769	0.637
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	420	122	2.245	0.723 #
5) L1 Aroclor-1016	6.76	8.80	95	618	2.961	48.565 #
6) L1 Aroclor-1016 {2}	8.89	10.31	22	129	1.317	4.574 #
7) L1 Aroclor-1016 {3}	9.24f	12.26	376	28	14.587	1.671 #
Total Aroclor-1016			494	775	18.865	54.809
Average Aroclor-1016					6.288	18.270
8) L2 Aroclor-1221	5.05	8.01	264	279	37.739	45.617
9) L2 Aroclor-1221 {2}	5.47	8.57	215	196	36.819	40.144
10) L2 Aroclor-1221 {3}	5.64	8.80	795	618	39.327	40.271
Total Aroclor-1221			1274	1093	113.886	126.032
Average Aroclor-1221					37.962	42.011
11) L3 Aroclor-1232	5.64	8.80	795	618	43.565	43.142
12) L3 Aroclor-1232 {2}	6.76	10.31	95	129	6.952	10.729 #
13) L3 Aroclor-1232 {3}	8.56	12.26	39	28	4.699	4.084
Total Aroclor-1232			928	775	55.217	57.956
Average Aroclor-1232					18.406	19.319
14) L4 Aroclor-1242	5.64	8.80	795	618	33.420	32.662
15) L4 Aroclor-1242 {2}	6.76	10.31	95	129	2.241	3.473 #
16) L4 Aroclor-1242 {3}	8.17	11.38	83	36	1.287	2.290 #
17) L4 Aroclor-1242 (4)	8.56	11.66	39	62	1.442	1.220
18) L4 Aroclor-1242 (5)	8.89	12.26	22	28	1.009	1.274 #
Total Aroclor-1242			1034	874	39.399	40.919
Average Aroclor-1242					7.880	8.184
19) L5 Aroclor-1248	9.24	14.96	376	188	13.355	9.398 #
20) L5 Aroclor-1248 {2}	10.01	15.18	162	64	6.882	3.108 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-41.D Vial: 51
 Signal #2 : D:\HPCHEM\5\13NOV96\900-41.D\CONFIRM.D
 Acq On : 15 Nov 96 01:58 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 2:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.30	16.18	655	39	21.532	2.542 #
Total Aroclor-1248			1193	292	41.769	15.048
Average Aroclor-1248					13.923	5.016
22) L6 Aroclor-1254	13.02	17.17	341	311	9.825	9.968
23) L6 Aroclor-1254 {2}	13.36	17.56	734	711	10.202	10.297
24) L6 Aroclor-1254 {3}	13.86	17.99	382	424	11.371	9.736
25) L6 Aroclor-1254 (4)	14.20	18.51	442	311	9.452	11.091
26) L6 Aroclor-1254 (5)	15.75	20.04	521	426	9.660	9.726
Total Aroclor-1254			2420	2184	50.511	50.818
Average Aroclor-1254					10.102	10.164
27) L7 Aroclor-1260	13.86	18.19	382	306	11.041	9.426
28) L7 Aroclor-1260 {2}	14.64	18.51	332	311	8.356	8.467
29) L7 Aroclor-1260 {3}	17.84	0.00	77	0	1.402	N.D. #
Total Aroclor-1260			791	617	20.799	17.893
Average Aroclor-1260					6.933	8.947
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	28.13f	0	11	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

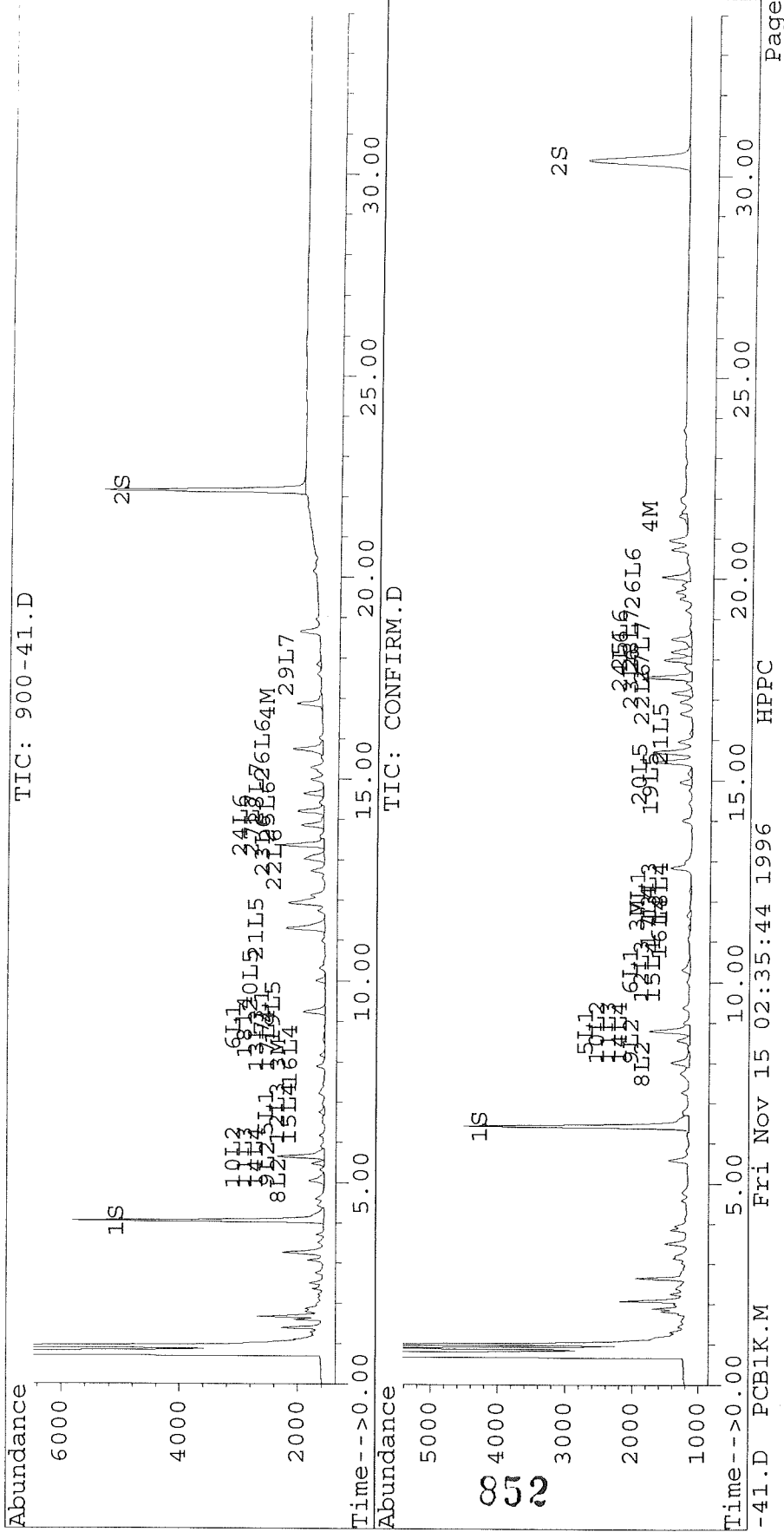
851

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-41.D Vial: 51
Signal #2 : D:\HPCHEM\5\13NOV96\900-41.D\CONFIRM.D
Acq On : 15 Nov 96 01:58 AM Operator: JS
Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 15 2:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\13NOV96\900-42.D Vial: 52
 Signal #2 : D:\HPCHEM\5\13NOV96\900-42.D\CONFIRM.D
 Acq On : 15 Nov 96 02:36 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 3:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4930	3464	19.778	17.738
			Recovery	=	49.44%	44.35%
2) S Decachlorobiphenyl	22.16	30.38	3728	1700	18.326	17.506
			Recovery	=	45.82%	43.77%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	85	62	0.791	0.642
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	586	128	3.136	0.755 #
5) L1 Aroclor-1016	6.76	8.80	102	648	3.194	50.879 #
6) L1 Aroclor-1016 {2}	8.88	10.31	26	137	1.547	4.852 #
7) L1 Aroclor-1016 {3}	9.24f	12.26	387	30	15.017	1.741 #
Total Aroclor-1016			516	814	19.758	57.472
Average Aroclor-1016					6.586	19.157
8) L2 Aroclor-1221	5.05	8.01	276	292	39.424	47.810
9) L2 Aroclor-1221 {2}	5.47	8.57	238	205	40.805	42.041
10) L2 Aroclor-1221 {3}	5.64	8.80	833	648	41.240	42.190
Total Aroclor-1221			1348	1145	121.469	132.041
Average Aroclor-1221					40.490	44.014
11) L3 Aroclor-1232	5.64	8.80	833	648	45.684	45.198
12) L3 Aroclor-1232 {2}	6.76	10.31	102	137	7.499	11.383 #
13) L3 Aroclor-1232 {3}	8.55	12.26	44	30	5.342	4.257
Total Aroclor-1232			980	814	58.525	60.837
Average Aroclor-1232					19.508	20.279
14) L4 Aroclor-1242	5.64	8.80	833	648	35.046	34.218
15) L4 Aroclor-1242 {2}	6.76	10.31	102	137	2.417	3.685 #
16) L4 Aroclor-1242 {3}	8.17	11.38	85	39	1.325	2.439 #
17) L4 Aroclor-1242 (4)	8.55	11.66	44	62	1.640	1.229 #
18) L4 Aroclor-1242 (5)	8.88	12.26	26	30	1.185	1.327
Total Aroclor-1242			1092	915	41.612	42.899
Average Aroclor-1242					8.322	8.580
19) L5 Aroclor-1248	9.24	14.96	387	198	13.749	9.880 #
20) L5 Aroclor-1248 {2}	10.01	15.18	169	69	7.198	3.346 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-42.D Vial: 52
 Signal #2 : D:\HPCHEM\5\13NOV96\900-42.D\CONFIRM.D
 Acq On : 15 Nov 96 02:36 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 3:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.30f	16.18	683	40	22.422	2.564 #
Total Aroclor-1248			1239	307	43.369	15.789
Average Aroclor-1248					14.456	5.263
22) L6 Aroclor-1254	13.02	17.17	357	323	10.298	10.334
23) L6 Aroclor-1254 {2}	13.36	17.56	775	735	10.762	10.649
24) L6 Aroclor-1254 {3}	13.86	17.99	397	454	11.810	10.425
25) L6 Aroclor-1254 (4)	14.20	18.51	472	321	10.094	11.441
26) L6 Aroclor-1254 (5)	15.75	20.04	554	449	10.279	10.250
Total Aroclor-1254			2555	2283	53.243	53.099
Average Aroclor-1254					10.649	10.620
27) L7 Aroclor-1260	13.86	18.19	397	316	11.468	9.734
28) L7 Aroclor-1260 {2}	14.64	18.51	346	321	8.729	8.734
29) L7 Aroclor-1260 {3}	17.84	21.92	89	77	1.604	1.427
Total Aroclor-1260			832	714	21.801	19.895
Average Aroclor-1260					7.267	6.632
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

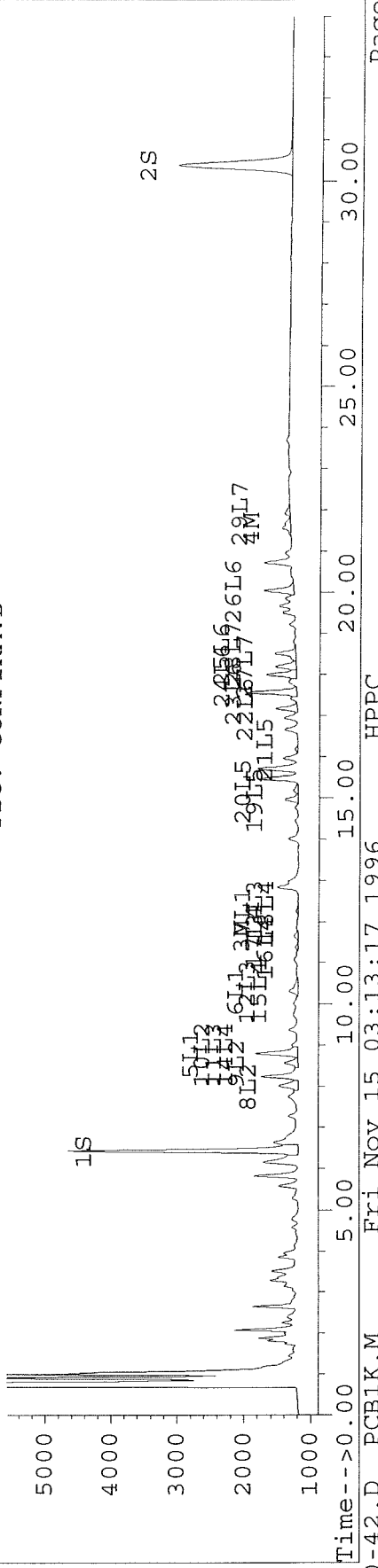
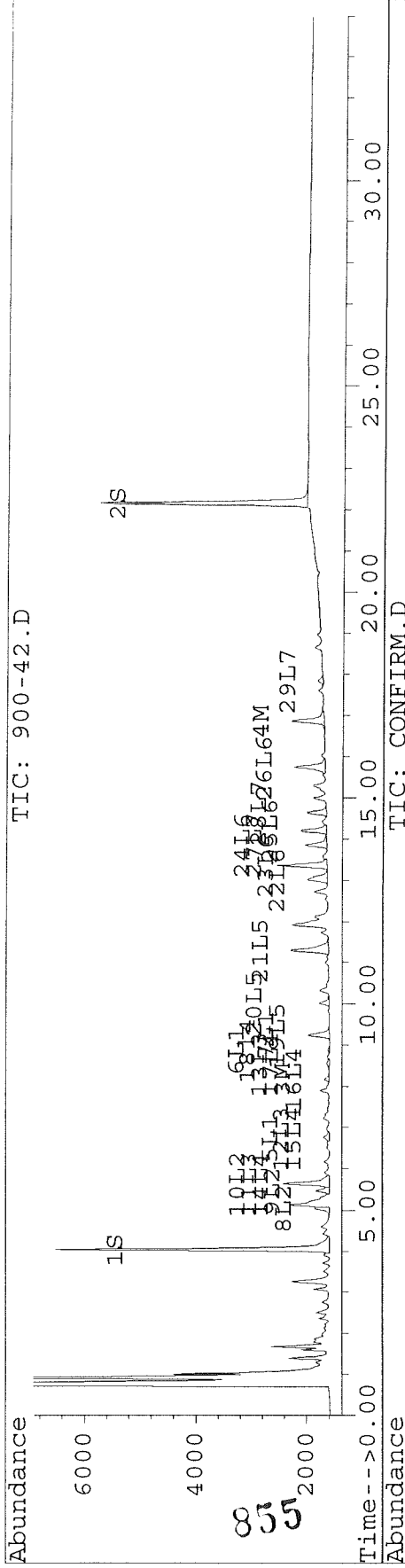
854

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-42.D Vial: 52
 Signal #2 : D:\HPCHEM\5\13NOV96\900-42.D\CONFIRM.D
 Acq On : 15 Nov 96 02:36 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 3:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\900-43.D
 Signal #2 : D:\HPCHEM\5\13NOV96\900-43.D\CONFIRM.D
 Acq On : 15 Nov 96 03:14 AM
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS
 Misc : 1L/10ML 8080 ANALYSIS PCB
 Quant Time: Nov 15 3:50 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	4151	3262	16.650	16.706
			Recovery	=	41.62%	41.76%
2) S Decachlorobiphenyl	22.16	30.37	3531	1574	17.355	16.209
			Recovery	=	43.39%	40.52%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	86	60	0.792	0.621
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	359	121	1.920	0.718 #
5) L1 Aroclor-1016	6.76	8.80	98	596	3.073	46.808 #
6) L1 Aroclor-1016 {2}	8.88	10.31	27	125	1.609	4.426 #
7) L1 Aroclor-1016 {3}	9.24f	12.26	367	27	14.228	1.597 #
Total Aroclor-1016			493	748	18.911	52.831
Average Aroclor-1016					6.304	17.610
8) L2 Aroclor-1221	5.05	8.01	256	259	36.472	42.413
9) L2 Aroclor-1221 {2}	5.47	8.57	206	207	35.254	42.482
10) L2 Aroclor-1221 {3}	5.64	8.80	770	596	38.126	38.814
Total Aroclor-1221			1232	1062	109.852	123.709
Average Aroclor-1221					36.617	41.236
11) L3 Aroclor-1232	5.64	8.80	770	596	42.234	41.582
12) L3 Aroclor-1232 {2}	6.76	10.31	98	125	7.215	10.383 #
13) L3 Aroclor-1232 {3}	8.55	12.26	47	27	5.704	3.904 #
Total Aroclor-1232			916	748	55.153	55.868
Average Aroclor-1232					18.384	18.623
14) L4 Aroclor-1242	5.64	8.80	770	596	32.399	31.480
15) L4 Aroclor-1242 {2}	6.76	10.31	98	125	2.325	3.361 #
16) L4 Aroclor-1242 {3}	8.17	11.38	86	35	1.327	2.198 #
17) L4 Aroclor-1242 (4)	8.55	11.66	47	60	1.751	1.190 #
18) L4 Aroclor-1242 (5)	8.88	12.26	27	27	1.233	1.217
Total Aroclor-1242			1029	843	39.035	39.447
Average Aroclor-1242					7.807	7.889
19) L5 Aroclor-1248	9.24	14.96	367	190	13.027	9.457 #
20) L5 Aroclor-1248 {2}	10.01	15.18	161	72	6.861	3.478 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-43.D Vial: 53
 Signal #2 : D:\HPCHEM\5\13NOV96\900-43.D\CONFIRM.D
 Acq On : 15 Nov 96 03:14 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 3:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.30	16.18	658	38	21.611	2.479 #
Total Aroclor-1248			1186	300	41.499	15.414
Average Aroclor-1248					13.833	5.138
22) L6 Aroclor-1254	13.02	17.17	343	306	9.892	9.780
23) L6 Aroclor-1254 {2}	13.36	17.56	747	720	10.379	10.434
24) L6 Aroclor-1254 {3}	13.86	17.99	388	435	11.543	9.988
25) L6 Aroclor-1254 (4)	14.20	18.51	457	312	9.765	11.120
26) L6 Aroclor-1254 (5)	15.75	20.04	544	435	10.091	9.934
Total Aroclor-1254			2479	2209	51.670	51.256
Average Aroclor-1254					10.334	10.251
27) L7 Aroclor-1260	13.86	18.19	388	308	11.208	9.486
28) L7 Aroclor-1260 {2}	14.64	18.51	344	312	8.661	8.489
29) L7 Aroclor-1260 {3}	17.84	21.92	84	76	1.517	1.397
Total Aroclor-1260			815	696	21.386	19.372
Average Aroclor-1260					7.129	6.457
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	28.13f	0	10	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

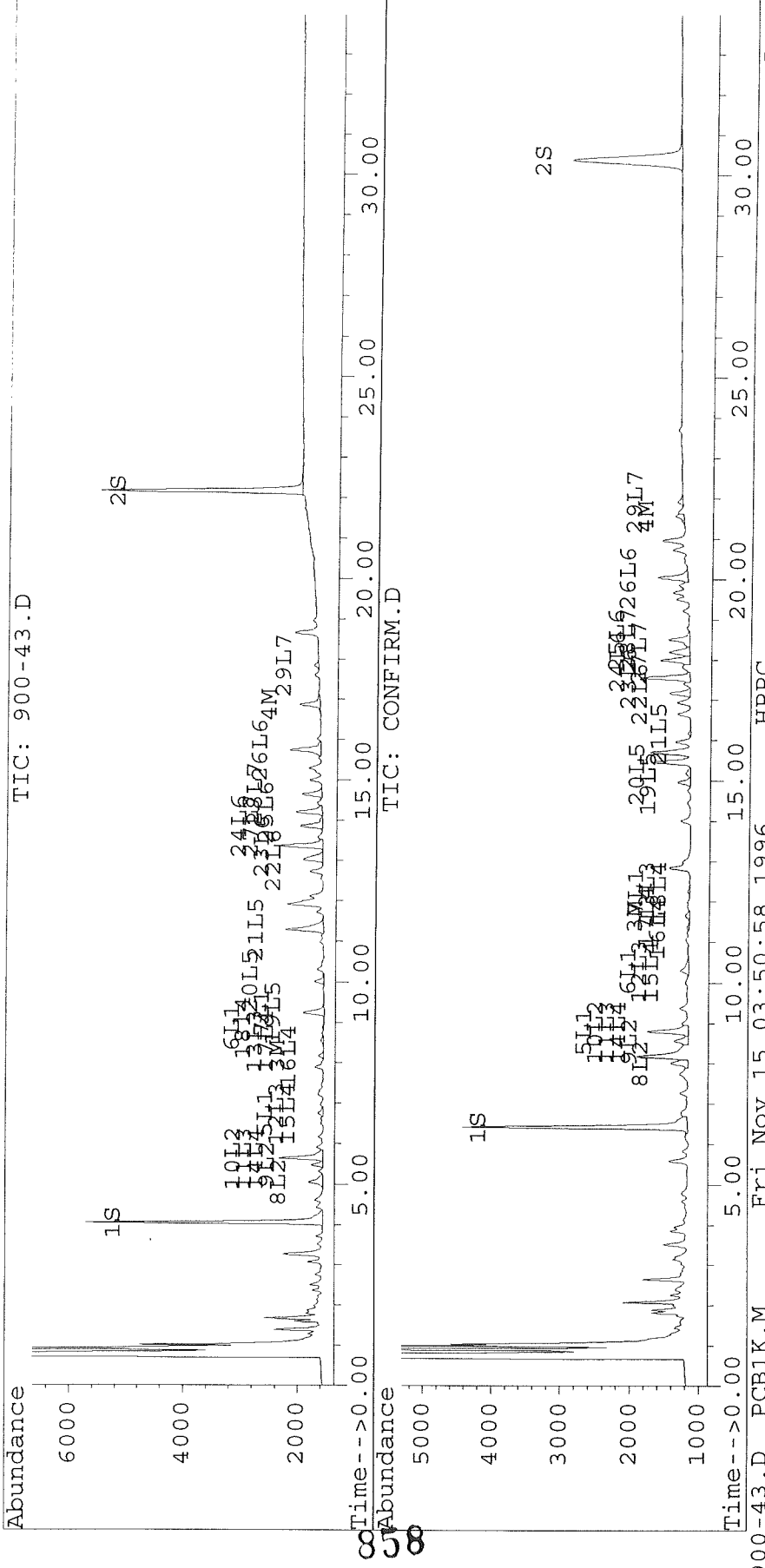
857

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-43.D Vial: 53
 Signal #2 : D:\HPCHEM\5\13NOV96\900-43.D\CONFIRM.D
 Acq On : 15 Nov 96 03:14 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 3:50 1996

Method : C:\HPCHEM\5\METHODS\PCBIK.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\900-44.D Vial: 54
 Signal #2 : D:\HPCHEM\5\13NOV96\900-44.D\CONFIRM.D
 Acq On : 15 Nov 96 03:51 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 4:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4277	3431	17.159	17.569
			Recovery	=	42.90%	43.92%
2) S Decachlorobiphenyl	22.16	30.38	3590	1614	17.645	16.613
			Recovery	=	44.11%	41.53%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	82	56	0.757	0.583
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	495	175	2.648	1.036 #
5) L1 Aroclor-1016	6.76	8.80	95	598	2.981	46.942 #
6) L1 Aroclor-1016 {2}	8.88	10.31	26	125	1.529	4.447 #
7) L1 Aroclor-1016 {3}	9.24f	12.26	370	26	14.338	1.559 #
Total Aroclor-1016			491	749	18.847	52.948
Average Aroclor-1016					6.282	17.649
8) L2 Aroclor-1221	5.05	8.01	257	272	36.656	44.541
9) L2 Aroclor-1221 {2}	5.47	8.57	211	190	36.234	38.946
10) L2 Aroclor-1221 {3}	5.64	8.80	781	598	38.660	38.925
Total Aroclor-1221			1249	1060	111.550	122.412
Average Aroclor-1221					37.183	40.804
11) L3 Aroclor-1232	5.64	8.80	781	598	42.826	41.701
12) L3 Aroclor-1232 {2}	6.76	10.31	95	125	6.997	10.431 #
13) L3 Aroclor-1232 {3}	8.55	12.26	43	26	5.158	3.811 #
Total Aroclor-1232			919	749	54.982	55.944
Average Aroclor-1232					18.327	18.648
14) L4 Aroclor-1242	5.64	8.80	781	598	32.853	31.570
15) L4 Aroclor-1242 {2}	6.76	10.31	95	125	2.255	3.377 #
16) L4 Aroclor-1242 {3}	8.17	11.38	82	32	1.267	2.038 #
17) L4 Aroclor-1242 (4)	8.55	11.66	43	56	1.583	1.117 #
18) L4 Aroclor-1242 (5)	8.88	12.26	26	26	1.171	1.189
Total Aroclor-1242			1027	838	39.130	39.290
Average Aroclor-1242					7.826	7.858
19) L5 Aroclor-1248	9.24	14.96	370	191	13.127	9.529 #
20) L5 Aroclor-1248 {2}	10.01	15.18	160	66	6.820	3.184 #

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-44.D Vial: 54
 Signal #2 : D:\HPCHEM\5\13NOV96\900-44.D\CONFIRM.D
 Acq On : 15 Nov 96 03:51 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 4:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.30	16.18	649	39	21.324	2.494 #
Total Aroclor-1248			1179	295	41.271	15.208
Average Aroclor-1248					13.757	5.069
22) L6 Aroclor-1254	13.02	17.17	341	313	9.823	10.018
23) L6 Aroclor-1254 {2}	13.36	17.56	731	699	10.155	10.126
24) L6 Aroclor-1254 {3}	13.86	17.99	377	430	11.208	9.880
25) L6 Aroclor-1254 (4)	14.20	18.51	450	305	9.612	10.878
26) L6 Aroclor-1254 (5)	15.75	20.04	528	440	9.793	10.039
Total Aroclor-1254			2426	2188	50.591	50.941
Average Aroclor-1254					10.118	10.188
27) L7 Aroclor-1260	13.86	18.19	377	302	10.883	9.310
28) L7 Aroclor-1260 {2}	14.64	18.51	327	305	8.253	8.304
29) L7 Aroclor-1260 {3}	17.84	21.92	79	131	1.426	2.414 #
Total Aroclor-1260			783	738	20.561	20.028
Average Aroclor-1260					6.854	6.676
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	28.14f	0	10	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

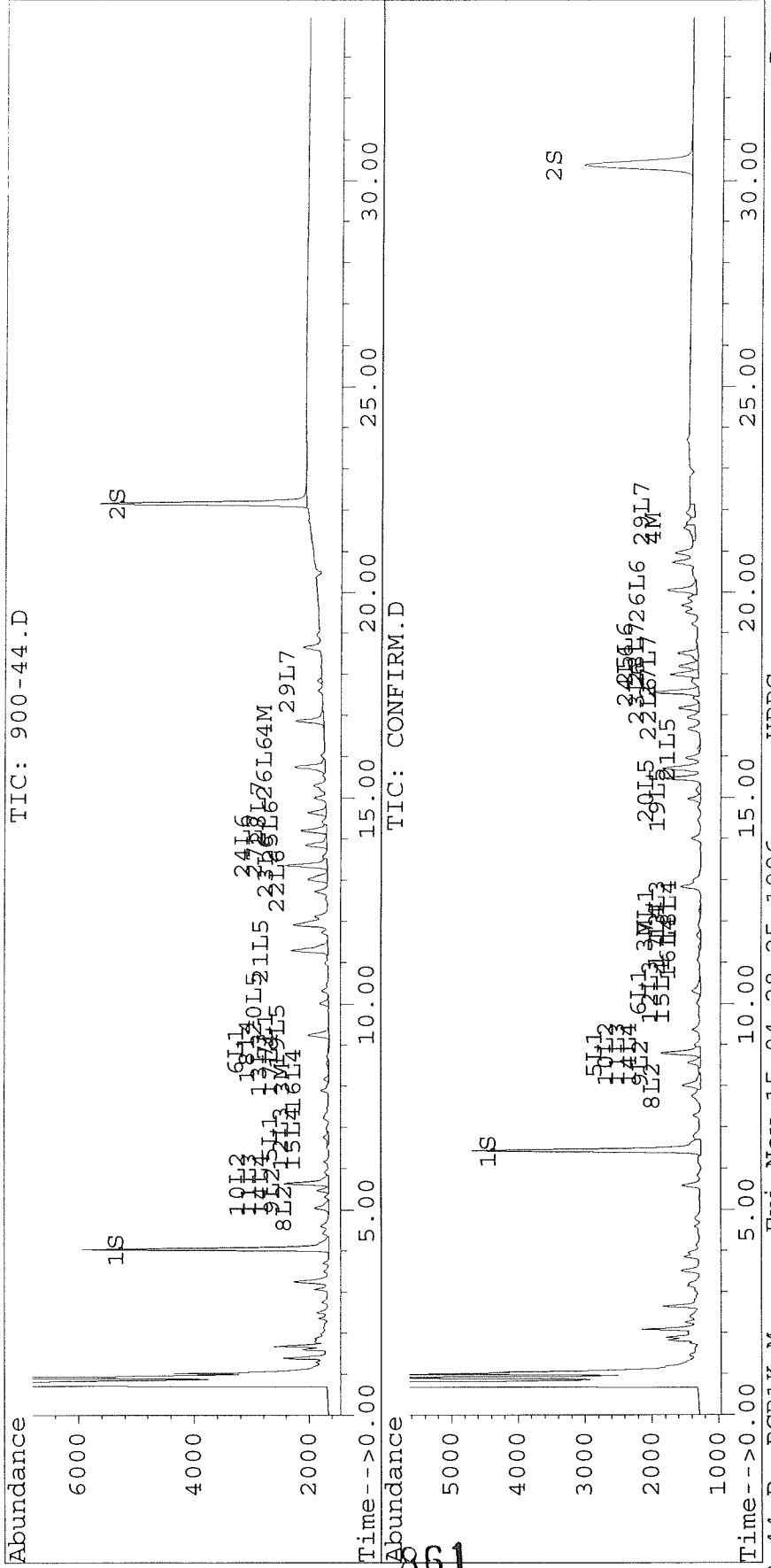
860

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-44.D Vial: 54
 Signal #2 : D:\HPCHEM\5\13NOV96\900-44.D\CONFIRM.D
 Acq On : 15 Nov 96 03:51 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 4:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\900-45.D Vial: 55
 Signal #2 : D:\HPCHEM\5\13NOV96\900-45.D\CONFIRM.D
 Acq On : 15 Nov 96 04:29 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 5:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4563	3570	18.303	18.283
			Recovery	=	45.76%	45.71%
2) S Decachlorobiphenyl	22.16	30.37	3553	1597	17.463	16.446
			Recovery	=	43.66%	41.12%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	91	64	0.843	0.666
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	615	150	3.287	0.885 #
5) L1 Aroclor-1016	6.76	8.80	106	614	3.293	48.234 #
6) L1 Aroclor-1016 {2}	8.88	10.31	28	153	1.662	5.417 #
7) L1 Aroclor-1016 {3}	9.24f	12.26	380	30	14.709	1.781 #
Total Aroclor-1016			513	797	19.664	55.432
Average Aroclor-1016					6.555	18.477
8) L2 Aroclor-1221	5.05	8.01	263	272	37.556	44.476
9) L2 Aroclor-1221 {2}	5.47	8.57	241	200	41.356	41.042
10) L2 Aroclor-1221 {3}	5.64	8.80	823	614	40.709	39.997
Total Aroclor-1221			1327	1086	119.621	125.514
Average Aroclor-1221					39.874	41.838
11) L3 Aroclor-1232	5.64	8.80	823	614	45.096	42.849
12) L3 Aroclor-1232 {2}	6.76	10.31	106	153	7.731	12.708 #
13) L3 Aroclor-1232 {3}	8.55	12.26	48	30	5.777	4.353
Total Aroclor-1232			976	797	58.603	59.909
Average Aroclor-1232					19.534	19.970
14) L4 Aroclor-1242	5.64	8.80	823	614	34.594	32.439
15) L4 Aroclor-1242 {2}	6.76	10.31	106	153	2.492	4.114 #
16) L4 Aroclor-1242 {3}	8.17	11.38	91	40	1.411	2.543 #
17) L4 Aroclor-1242 (4)	8.55	11.66	48	64	1.773	1.276 #
18) L4 Aroclor-1242 (5)	8.88	12.26	28	30	1.273	1.357
Total Aroclor-1242			1095	902	41.543	41.729
Average Aroclor-1242					8.309	8.346
19) L5 Aroclor-1248	9.24	14.96	380	189	13.467	9.446 #
20) L5 Aroclor-1248 {2}	10.01	15.18	164	64	6.995	3.123 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-45.D Vial: 55
 Signal #2 : D:\HPCHEM\5\13NOV96\900-45.D\CONFIRM.D
 Acq On : 15 Nov 96 04:29 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 5:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul	
21) L5 Aroclor-1248 {3}	11.30	16.18	662	38	21.763	2.432	#
Total Aroclor-1248			1206	291	42.226	15.001	
Average Aroclor-1248					14.075	5.000	
22) L6 Aroclor-1254	13.02	17.17	347	311	10.017	9.941	
23) L6 Aroclor-1254 {2}	13.36	17.56	748	707	10.386	10.247	
24) L6 Aroclor-1254 {3}	13.86	17.99	386	429	11.477	9.848	
25) L6 Aroclor-1254 (4)	14.20	18.51	457	311	9.778	11.092	
26) L6 Aroclor-1254 (5)	15.75	20.04	540	436	10.010	9.954	
Total Aroclor-1254			2477	2195	51.668	51.081	
Average Aroclor-1254					10.334	10.216	
27) L7 Aroclor-1260	13.86	18.19	386	306	11.144	9.417	
28) L7 Aroclor-1260 {2}	14.64	18.51	337	311	8.492	8.467	
29) L7 Aroclor-1260 {3}	17.84	21.92	77	104	1.390	1.922	#
Total Aroclor-1260			799	721	21.026	19.807	
Average Aroclor-1260					7.009	6.602	
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	28.13f	0	10	N.D.	NoCal	
Total Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

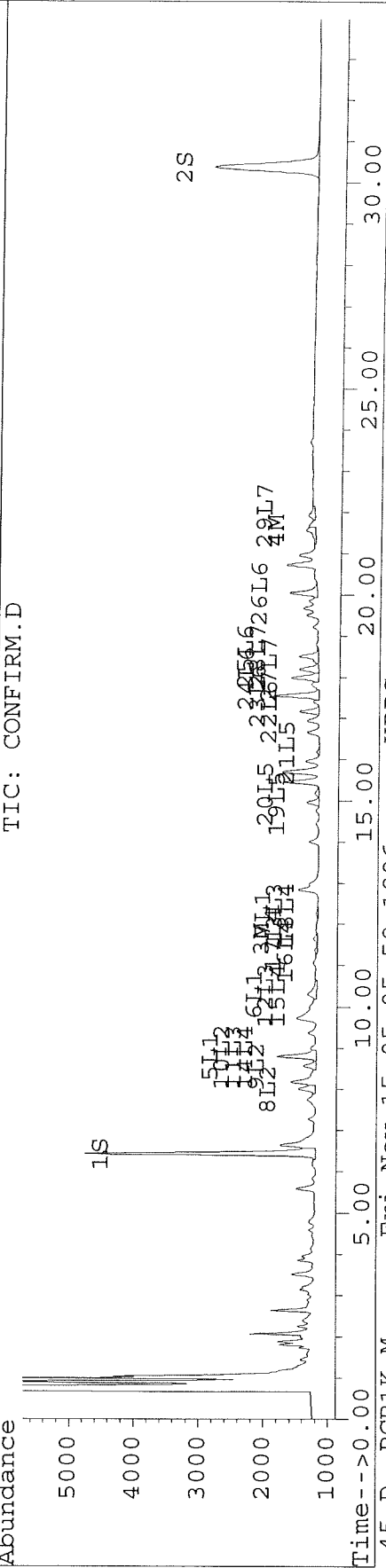
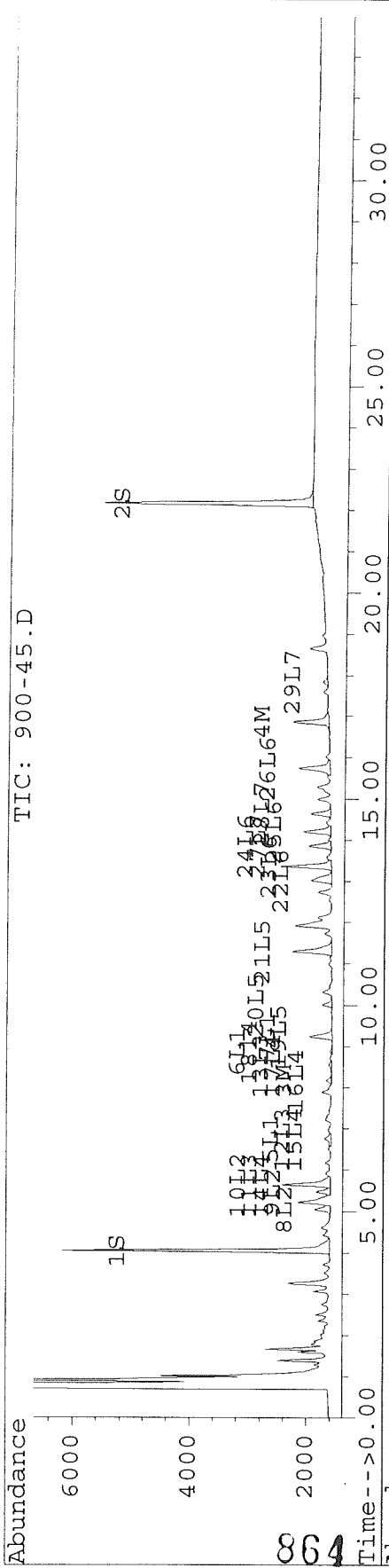
863

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-45.D Vial: 55
 Signal #2 : D:\HPCHEM\5\13NOV96\900-45.D\CONFIRM.D
 Acq On : 15 Nov 96 04:29 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 5:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\900-46.D Vial: 56
 Signal #2 : D:\HPCHEM\5\13NOV96\900-46.D\CONFIRM.D
 Acq On : 15 Nov 96 05:06 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 5:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4603	3613	18.466	18.501
			Recovery	=	46.17%	46.25%
2) S Decachlorobiphenyl	22.16	30.37	3693	1657	18.150	17.056
			Recovery	=	45.38%	42.64%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	81	56	0.754	0.582
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	530	136	2.834	0.806 #
5) L1 Aroclor-1016	6.76	8.80	93	621	2.911	48.773 #
6) L1 Aroclor-1016 {2}	8.88	10.31	25	115	1.450	4.086 #
7) L1 Aroclor-1016 {3}	9.24f	12.26	379	27	14.686	1.573 #
Total Aroclor-1016			497	763	19.047	54.432
Average Aroclor-1016					6.349	18.144
8) L2 Aroclor-1221	5.04	8.01	271	254	38.637	41.577
9) L2 Aroclor-1221 {2}	5.47	8.56	214	249	36.726	51.117 #
10) L2 Aroclor-1221 {3}	5.64	8.80	801	621	39.640	40.444
Total Aroclor-1221			1286	1124	115.004	133.138
Average Aroclor-1221					38.335	44.379
11) L3 Aroclor-1232	5.64	8.80	801	621	43.912	43.327
12) L3 Aroclor-1232 {2}	6.76	10.31	93	115	6.834	9.586 #
13) L3 Aroclor-1232 {3}	8.55	12.26	44	27	5.333	3.847 #
Total Aroclor-1232			938	763	56.079	56.759
Average Aroclor-1232					18.693	18.920
14) L4 Aroclor-1242	5.64	8.80	801	621	33.686	32.802
15) L4 Aroclor-1242 {2}	6.76	10.31	93	115	2.203	3.103 #
16) L4 Aroclor-1242 {3}	8.17	11.38	81	30	1.262	1.915 #
17) L4 Aroclor-1242 (4)	8.55	11.66	44	56	1.637	1.115 #
18) L4 Aroclor-1242 (5)	8.88	12.26	25	27	1.111	1.200
Total Aroclor-1242			1044	850	39.898	40.135
Average Aroclor-1242					7.980	8.027
19) L5 Aroclor-1248	9.24	14.96	379	192	13.446	9.564 #
20) L5 Aroclor-1248 {2}	10.01	15.18	165	67	7.029	3.229 #

865

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-46.D
 Signal #2 : D:\HPCHEM\5\13NOV96\900-46.D\CONFIRM.D
 Acq On : 15 Nov 96 05:06 AM
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS
 Misc : 1L/10ML 8080 ANALYSIS PCB
 Quant Time: Nov 15 5:42 1996

Vial: 56
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.30f	16.18	666	38	21.871	2.467 #
Total Aroclor-1248			1210	297	42.347	15.260
Average Aroclor-1248					14.116	5.087
22) L6 Aroclor-1254	13.02	17.17	350	315	10.091	10.081
23) L6 Aroclor-1254 {2}	13.36	17.56	755	728	10.488	10.551
24) L6 Aroclor-1254 {3}	13.85	17.99	389	444	11.572	10.183
25) L6 Aroclor-1254 (4)	14.20	18.51	464	319	9.922	11.362
26) L6 Aroclor-1254 (5)	15.75	20.04	554	442	10.285	10.076
Total Aroclor-1254			2512	2248	52.357	52.252
Average Aroclor-1254					10.471	10.450
27) L7 Aroclor-1260	13.85	18.19	389	314	11.236	9.654
28) L7 Aroclor-1260 {2}	14.64	18.51	345	319	8.699	8.673
29) L7 Aroclor-1260 {3}	17.84	21.93	78	102	1.419	1.878 #
Total Aroclor-1260			812	734	21.354	20.205
Average Aroclor-1260					7.118	6.735
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	0.00	23.55	0	27	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	28.13	0	10	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

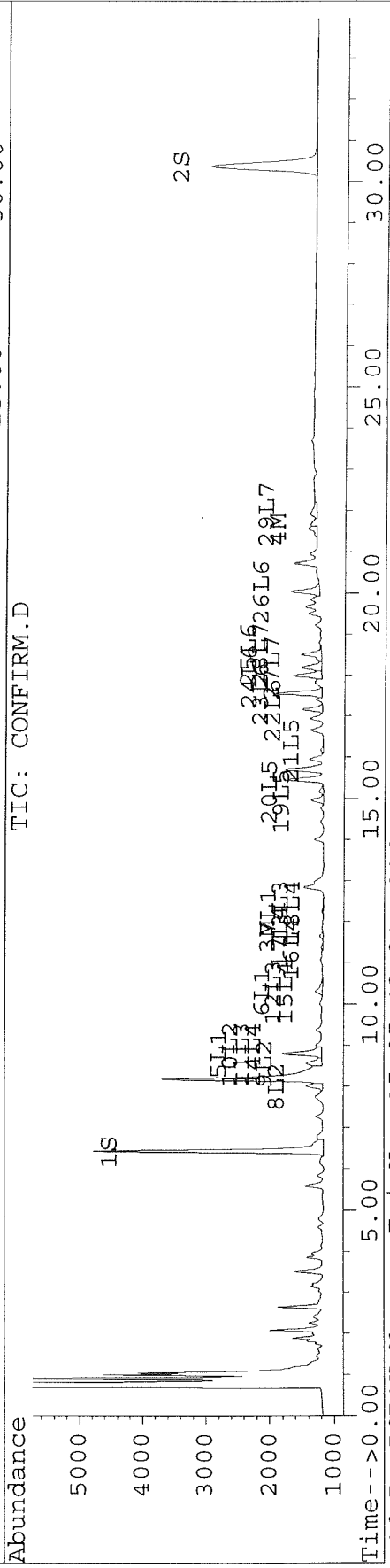
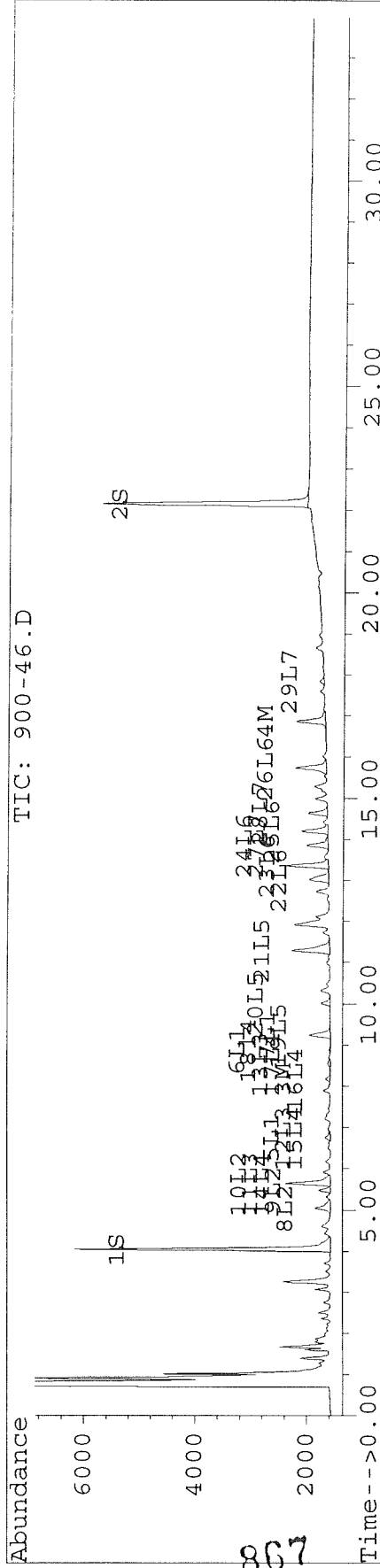
866

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\900-46.D Vial: 56
 Signal #2 : D:\HPCHEM\5\13NOV96\900-46.D\CONFIRM.D
 Acq On : 15 Nov 96 05:06 AM Operator: JS
 Sample : AR1221 & AR1254 METHOD DETECTION LIMITS Inst : ECD1
 Misc : 1L/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 5:42 1996

Method : C:\HPCHEM\5\METHODS\PCBIK.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\13NOV96\PS1113S.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113S.D\CONFIRM.D
 Acq On : 15 Nov 96 05:44 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 15 6:20 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5725	4525	22.967	23.175
			Recovery	=	57.42%	57.94%
2) S Decachlorobiphenyl	22.16	30.37	3918	1746	19.259	17.977
			Recovery	=	48.15%	44.94%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	311	236	2.883	2.435
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	3376	2403	18.056	14.214
5) L1 Aroclor-1016	6.76	8.80	188	58	5.854	4.574
6) L1 Aroclor-1016 {2}	8.88	10.32	100	169	5.863	5.985
7) L1 Aroclor-1016 {3}	9.23f	12.25	6177	75	239.400	4.408 #
Total Aroclor-1016			6464	302	251.118	14.967
Average Aroclor-1016					83.706	4.989
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.64	8.80	72	58	3.544	3.793
Total Aroclor-1221			72	58	3.544	3.793
Average Aroclor-1221					3.544	3.793
11) L3 Aroclor-1232	5.64	8.80	72	58	3.926	4.064
12) L3 Aroclor-1232 {2}	6.76	10.32	188	169	13.743	14.040
13) L3 Aroclor-1232 {3}	8.55	12.25	119	75	14.410	10.775 #
Total Aroclor-1232			378	302	32.079	28.879
Average Aroclor-1232					10.693	9.626
14) L4 Aroclor-1242	5.64	8.80	72	58	3.012	3.076
15) L4 Aroclor-1242 {2}	6.76	10.32	188	169	4.429	4.545
16) L4 Aroclor-1242 {3}	8.17	11.38	311	59	4.827	3.738
17) L4 Aroclor-1242 (4)	8.55	11.65	119	236	4.423	4.666
18) L4 Aroclor-1242 (5)	8.88	12.25	100	75	4.491	3.360 #
Total Aroclor-1242			790	597	21.182	19.387
Average Aroclor-1242					4.236	3.877
19) L5 Aroclor-1248	9.23	14.95	6177	3651	219.186	182.061
20) L5 Aroclor-1248 {2}	10.01	15.17	2997	1144	127.540	55.463 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113S.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113S.D\CONFIRM.D
 Acq On : 15 Nov 96 05:44 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 15 6:20 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	
21) L5 Aroclor-1248 {3}	11.29f	16.18	11269	750	370.218	48.461	#
Total Aroclor-1248			20443	5545	716.944	285.985	
Average Aroclor-1248					238.981	95.328	
22) L6 Aroclor-1254	13.02	17.17	7058	6324	203.547	202.386	
23) L6 Aroclor-1254 {2}	13.36	17.55	14931	14097	207.463	204.187	
24) L6 Aroclor-1254 {3}	13.85	17.98	6899	8375	205.339	192.216	
25) L6 Aroclor-1254 (4)	14.20	18.50	8998	5623	192.338	200.445	
26) L6 Aroclor-1254 (5)	15.74	20.04	10967	8647	203.442	197.225	
Total Aroclor-1254			48853	43066	1012.129	996.459	
Average Aroclor-1254					202.426	199.292	
27) L7 Aroclor-1260	13.85	18.18	6899	5291	199.382	162.865	
28) L7 Aroclor-1260 {2}	14.64	18.50	6063	5623	152.802	153.020	
29) L7 Aroclor-1260 {3}	17.84	21.92	1441	1290	26.090	23.833	
Total Aroclor-1260			14403	12205	378.274	339.719	
Average Aroclor-1260					126.091	113.240	
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	28.14f	0	14	N.D.	NoCal	
Total Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

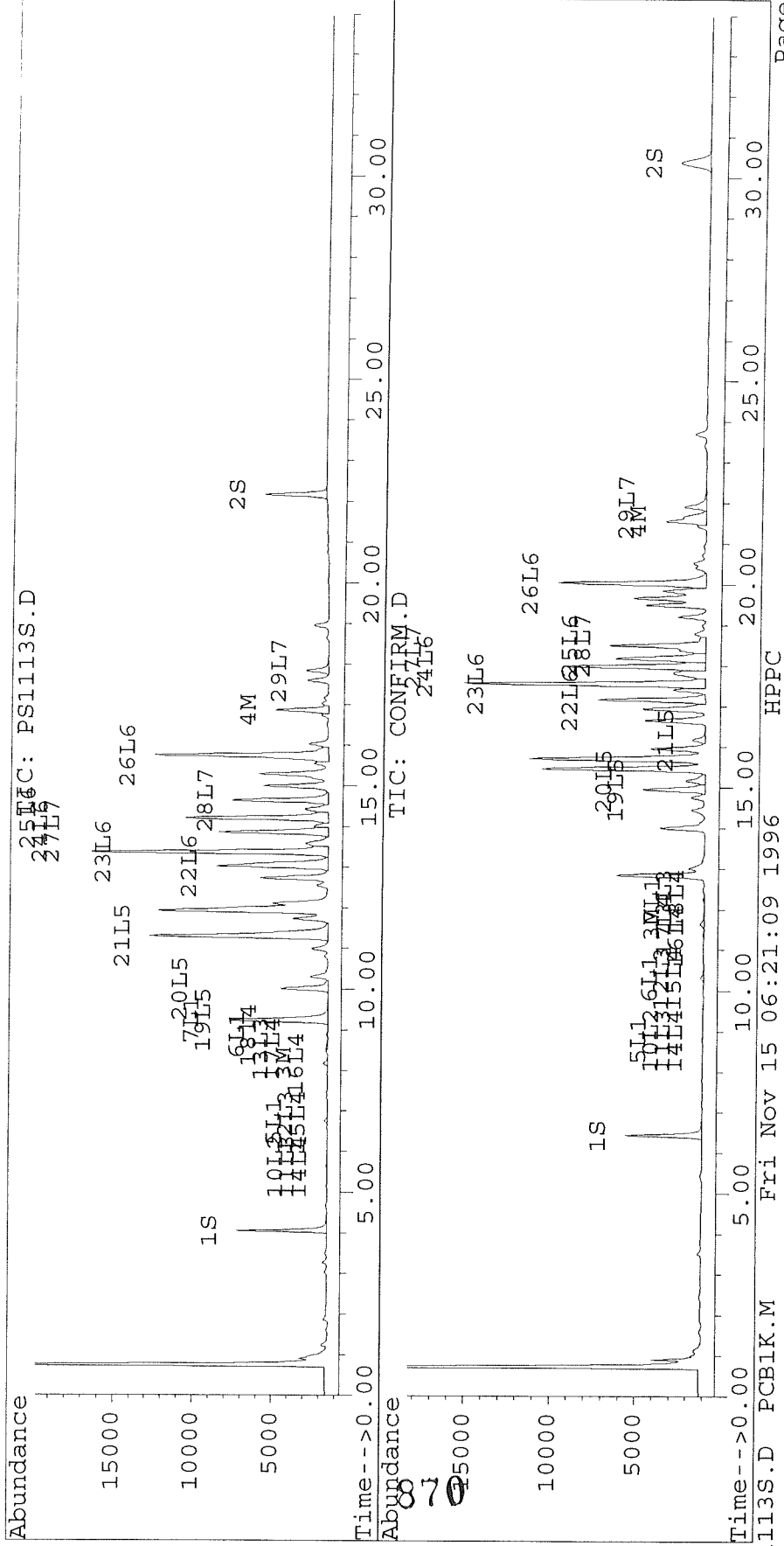
869

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113S.D Vial: 2
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113S.D\CONFIRM.D
 Acq On : 15 Nov 96 05:44 AM Operator: JS
 Sample : AR1254 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 6:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\13NOV96\PS1113T.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113T.D\CONFIRM.D
 Acq On : 15 Nov 96 06:21 AM
 Sample : AR1221 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 15 6:57 1996

Vial: 45
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	4650	3583	18.655	18.348
			Recovery	=	46.64%	45.87%
2) S Decachlorobiphenyl	22.16	30.37	3492	1569	17.166	16.157
			Recovery	=	42.92%	40.39%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.66	651	486	6.025	5.021
4) M 2,2',3,3',4,4'-Hexa	16.87	0.00	114	0	0.609	N.D. #
5) L1 Aroclor-1016	6.75	8.79	638	5726	19.926	449.754 #
6) L1 Aroclor-1016 {2}	8.88	10.30	168	1111	9.872	39.433 #
7) L1 Aroclor-1016 {3}	9.26	12.25	129	237	4.990	14.008 #
Total Aroclor-1016			935	7074	34.787	503.195
Average Aroclor-1016					11.596	167.732
8) L2 Aroclor-1221	5.04	8.02	2607	2243	372.041	366.835
9) L2 Aroclor-1221 {2}	5.47	8.56	2124	1806	364.031	370.238
10) L2 Aroclor-1221 {3}	5.64	8.79	7298	5726	361.201	372.946
Total Aroclor-1221			12029	9775	1097.273	1110.019
Average Aroclor-1221					365.758	370.006
11) L3 Aroclor-1232	5.64	8.79	7298	5726	400.122	399.537
12) L3 Aroclor-1232 {2}	6.75	10.30	638	1111	46.777	92.506 #
13) L3 Aroclor-1232 {3}	8.56	12.25	275	237	33.184	34.245
Total Aroclor-1232			8211	7074	480.083	526.289
Average Aroclor-1232					160.028	175.430
14) L4 Aroclor-1242	5.64	8.79	7298	5726	306.948	302.476
15) L4 Aroclor-1242 {2}	6.75	10.30	638	1111	15.075	29.948 #
16) L4 Aroclor-1242 {3}	8.17	11.38	651	251	10.090	15.775 #
17) L4 Aroclor-1242 (4)	8.56	11.66	275	486	10.185	9.622
18) L4 Aroclor-1242 (5)	8.88	12.25	168	237	7.562	10.679 #
Total Aroclor-1242			9031	7811	349.860	368.501
Average Aroclor-1242					69.972	73.700
19) L5 Aroclor-1248	9.26	14.96	129	41	4.568	2.042 #
20) L5 Aroclor-1248 {2}	10.02	15.18	76	40	3.217	1.925 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113T.D
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113T.D\CONFIRM.D
 Acq On : 15 Nov 96 06:21 AM
 Sample : AR1221 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 15 6:57 1996

Vial: 45
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.30	16.18	181	26	5.961	1.667 #
Total Aroclor-1248			386	106	13.746	5.634
Average Aroclor-1248					4.582	1.878
22) L6 Aroclor-1254	0.00	17.17	0	28	N.D.	0.899 #
23) L6 Aroclor-1254 {2}	13.37	17.55	139	133	1.931	1.928
24) L6 Aroclor-1254 {3}	13.86	17.99	192	26	5.706	0.593 #
25) L6 Aroclor-1254 (4)	14.21	18.51	29	135	0.622	4.804 #
26) L6 Aroclor-1254 (5)	15.75	20.04	109	95	2.026	2.175
Total Aroclor-1254			469	417	10.285	10.398
Average Aroclor-1254					2.571	2.080
27) L7 Aroclor-1260	13.86	18.19	192	173	5.541	5.326
28) L7 Aroclor-1260 {2}	14.64	18.51	153	135	3.845	3.667
29) L7 Aroclor-1260 {3}	17.84	21.92	73	111	1.327	2.057 #
Total Aroclor-1260			418	419	10.713	11.050
Average Aroclor-1260					3.571	3.683
30) L8 Aroclor-1268	0.00	23.35f	0	52	N.D.	12.128 #
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
32) L8 Aroclor-1268 {3}	0.00	28.13f	0	11	N.D.	NoCal
Total Aroclor-1268			0	52	N.D.	12.128
Average Aroclor-1268					0.000	12.128

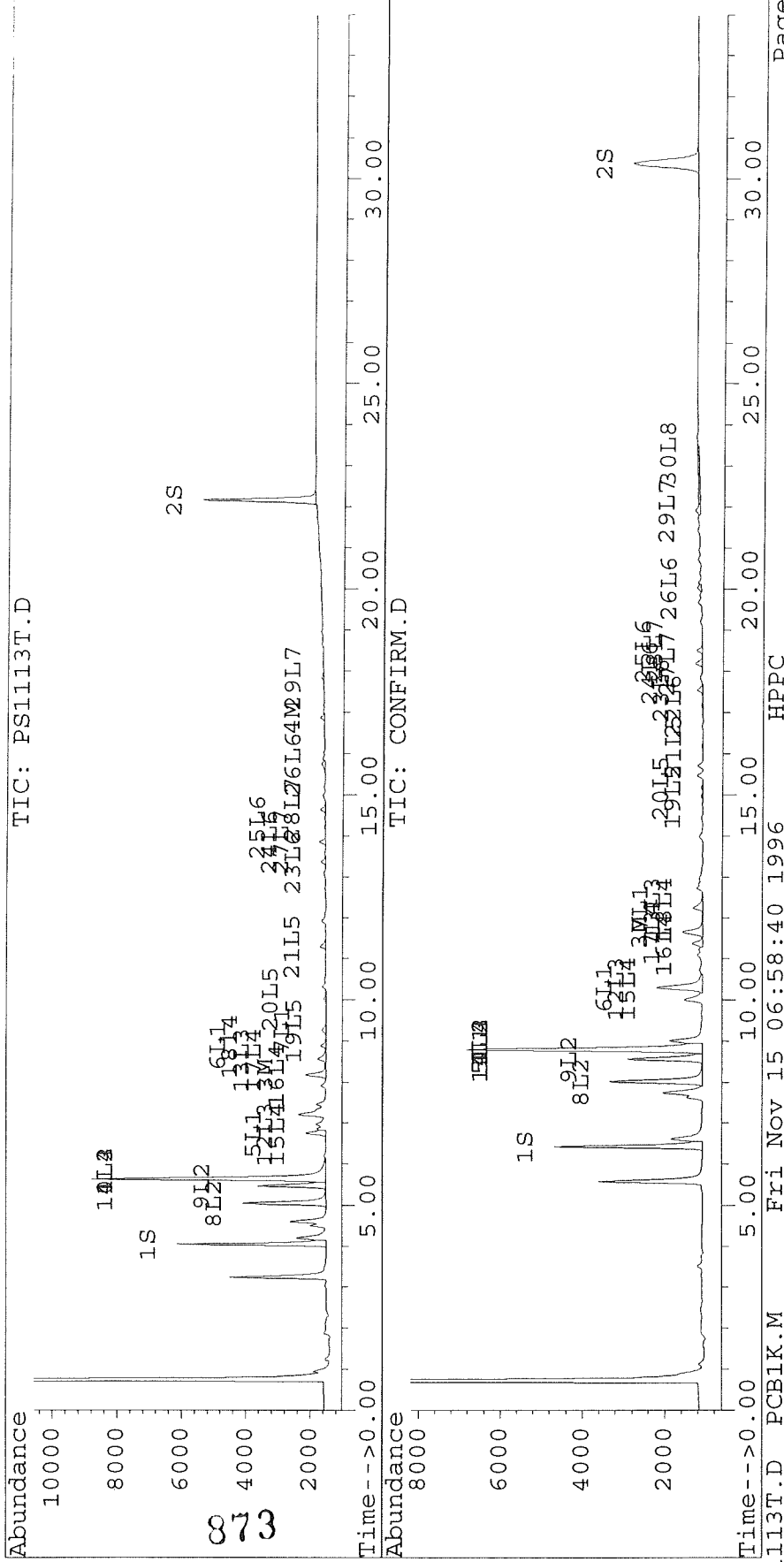
872

Quantitation Report

Signal #1 : D:\HPCHEM\5\13NOV96\PS1113T.D Vial: 45
 Signal #2 : D:\HPCHEM\5\13NOV96\PS1113T.D\CONFIRM.D
 Acq On : 15 Nov 96 06:21 AM Operator: JS
 Sample : AR1221 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 15 6:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\18NOV96\PS1118A.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118A.D\CONFIRM.D
 Acq On : 18 Nov 96 06:00 PM
 Sample : AR1221 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 18 18:37 1996

Vial: 1
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.05	6.42	4458	3724	17.885	19.070
			Recovery	=	44.71%	47.68%
2) S Decachlorobiphenyl	22.17	30.38	2613	1156	12.842	11.905
			Recovery	=	32.11%	29.76%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.18	11.65	593	455	5.486	4.705
4) M 2,2',3,3',4,4'-Hexa	16.88	0.00	74	0	0.398	N.D. #
5) L1 Aroclor-1016	6.77	8.78	629	5077	19.631	398.779 #
6) L1 Aroclor-1016 {2}	8.89	10.30	157	890	9.251	31.564 #
7) L1 Aroclor-1016 {3}	9.27	12.24	118	224	4.591	13.215 #
Total Aroclor-1016			905	6190	33.474	443.559
Average Aroclor-1016					11.158	147.853
8) L2 Aroclor-1221	5.05	8.00	2495	2168	356.092	354.473
9) L2 Aroclor-1221 {2}	5.48	8.55	2024	1691	346.999	346.651
10) L2 Aroclor-1221 {3}	5.65	8.78	6692	5077	331.193	330.677
Total Aroclor-1221			11212	8935	1034.283	1031.800
Average Aroclor-1221					344.761	343.933
11) L3 Aroclor-1232	5.65	8.78	6692	5077	366.881	354.254
12) L3 Aroclor-1232 {2}	6.77	10.30	629	890	46.087	74.046 #
13) L3 Aroclor-1232 {3}	8.57	12.24	255	224	30.786	32.306
Total Aroclor-1232			7576	6190	443.754	460.606
Average Aroclor-1232					147.918	153.535
14) L4 Aroclor-1242	5.65	8.78	6692	5077	281.447	268.194
15) L4 Aroclor-1242 {2}	6.77	10.30	629	890	14.853	23.972 #
16) L4 Aroclor-1242 {3}	8.18	11.37	593	252	9.187	15.806 #
17) L4 Aroclor-1242 (4)	8.57	11.65	255	455	9.449	9.015
18) L4 Aroclor-1242 (5)	8.89	12.24	157	224	7.086	10.075 #
Total Aroclor-1242			8326	6897	322.022	327.061
Average Aroclor-1242					64.404	65.412
19) L5 Aroclor-1248	9.27	14.95	118	41	4.203	2.041 #
20) L5 Aroclor-1248 {2}	10.03	15.17	72	42	3.048	2.025 #

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118A.D Vial: 1
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118A.D\CONFIRM.D
 Acq On : 18 Nov 96 06:00 PM Operator: JS
 Sample : AR1221 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 18 18:37 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.31	16.17	169	28	5.562	1.802 #
Total Aroclor-1248			359	111	12.814	5.868
Average Aroclor-1248					4.271	1.956
22) L6 Aroclor-1254	0.00	17.17	0	27	N.D.	0.865 #
23) L6 Aroclor-1254 {2}	13.38	17.54	127	120	1.765	1.737
24) L6 Aroclor-1254 {3}	13.87	17.98	176	23	5.239	0.538 #
25) L6 Aroclor-1254 (4)	14.23	18.50	24	117	0.505	4.155 #
26) L6 Aroclor-1254 (5)	15.76	20.04	97	80	1.795	1.823
Total Aroclor-1254			423	367	9.304	9.119
Average Aroclor-1254					2.326	1.824
27) L7 Aroclor-1260	13.87	18.19	176	160	5.087	4.932
28) L7 Aroclor-1260 {2}	14.65	18.50	123	117	3.112	3.172
29) L7 Aroclor-1260 {3}	17.85	21.92	59	76	1.066	1.399 #
Total Aroclor-1260			358	353	9.265	9.503
Average Aroclor-1260					3.088	3.168
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	18.97f	23.56f	39	19	NoCal	NoCal
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

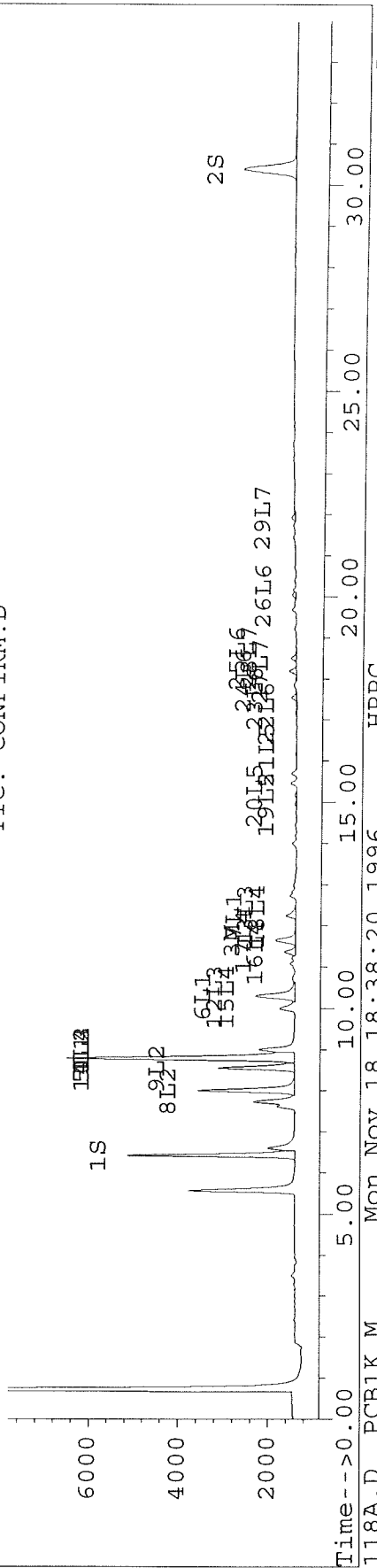
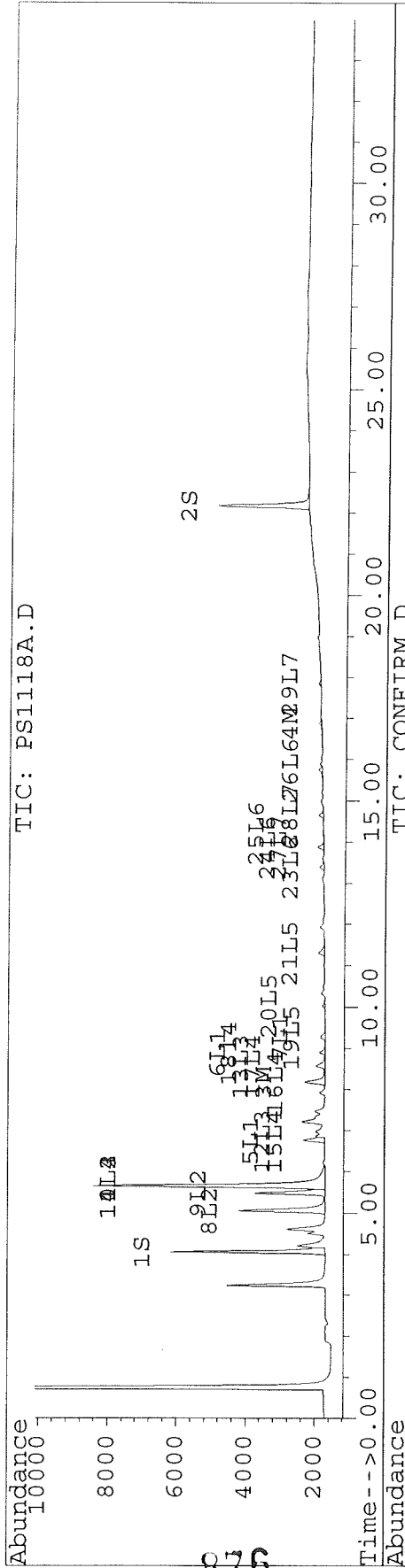
875

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118A.D Vial: 1
Signal #2 : D:\HPCHEM\5\18NOV96\PS1118A.D\CONFIRM.D
Acq On : 18 Nov 96 06:00 PM Operator: JS
Sample : AR1221 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 18 18:37 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
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 : D:\HPCHEM\5\18NOV96\PS1118B.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118B.D\CONFIRM.D
 Acq On : 18 Nov 96 06:38 PM
 Sample : AR1232 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 18 19:14 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	4748	3896	19.048	19.951
			Recovery	=	47.62%	49.88%
2) S Decachlorobiphenyl	22.16	30.38	3060	1357	15.041	13.973
			Recovery	=	37.60%	34.93%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	6581	4664	60.902	48.185
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	95	16	0.509	0.094 #
5) L1 Aroclor-1016	6.75	8.79	4809	4595	150.106	360.964 #
6) L1 Aroclor-1016 {2}	8.88	10.32	2016	4320	118.511	153.272 #
7) L1 Aroclor-1016 {3}	9.27	12.25	3137	2109	121.562	124.416
Total Aroclor-1016			9962	11024	390.179	638.651
Average Aroclor-1016					130.060	212.884
8) L2 Aroclor-1221	5.05	8.02	1728	1520	246.551	248.587
9) L2 Aroclor-1221 {2}	5.47	8.56	1591	1358	272.642	278.369
10) L2 Aroclor-1221 {3}	5.64	8.79	5857	4595	289.857	299.319
Total Aroclor-1221			9175	7473	809.051	826.275
Average Aroclor-1221					269.684	275.425
11) L3 Aroclor-1232	5.64	8.79	5857	4595	321.091	320.661
12) L3 Aroclor-1232 {2}	6.75	10.32	4809	4320	352.389	359.557
13) L3 Aroclor-1232 {3}	8.56	12.25	2576	2109	311.199	304.152
Total Aroclor-1232			13242	11024	984.679	984.370
Average Aroclor-1232					328.226	328.123
14) L4 Aroclor-1242	5.64	8.79	5857	4595	246.321	242.761
15) L4 Aroclor-1242 {2}	6.75	10.32	4809	4320	113.568	116.404
16) L4 Aroclor-1242 {3}	8.17	11.38	6581	1750	101.982	109.926
17) L4 Aroclor-1242 (4)	8.56	11.65	2576	4664	95.513	92.331
18) L4 Aroclor-1242 (5)	8.88	12.25	2016	2109	90.777	94.850
Total Aroclor-1242			21839	17437	648.161	656.272
Average Aroclor-1242					129.632	131.254
19) L5 Aroclor-1248	9.27	14.96	3137	1579	111.298	78.767 #
20) L5 Aroclor-1248 {2}	10.02	15.17	2575	1878	109.603	91.019

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118B.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118B.D\CONFIRM.D
 Acq On : 18 Nov 96 06:38 PM
 Sample : AR1232 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 18 19:14 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.35	16.18	2406	1358	79.045	87.776
Total Aroclor-1248			8118	4816	299.946	257.563
Average Aroclor-1248					99.982	85.854
22) L6 Aroclor-1254	13.03	17.17	325	288	9.365	9.232
23) L6 Aroclor-1254 {2}	13.36	17.56	509	514	7.077	7.439
24) L6 Aroclor-1254 {3}	13.85	17.99	297	280	8.827	6.419 #
25) L6 Aroclor-1254 (4)	14.20	18.50	285	80	6.098	2.868 #
26) L6 Aroclor-1254 (5)	15.75	20.04	90	75	1.662	1.709
Total Aroclor-1254			1505	1237	33.029	27.667
Average Aroclor-1254					6.606	5.533
27) L7 Aroclor-1260	13.85	18.19	297	86	8.571	2.660 #
28) L7 Aroclor-1260 {2}	14.64	18.50	78	80	1.955	2.189
29) L7 Aroclor-1260 {3}	17.85	21.92	52	54	0.934	0.999
Total Aroclor-1260			426	221	11.461	5.848
Average Aroclor-1260					3.820	1.949
30) L8 Aroclor-1268	0.00	23.35f	0	20	N.D.	4.688 #
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
32) L8 Aroclor-1268 {3}	0.00	28.14f	0	11	N.D.	NoCal
Total Aroclor-1268			0	20	N.D.	4.688
Average Aroclor-1268					0.000	4.688

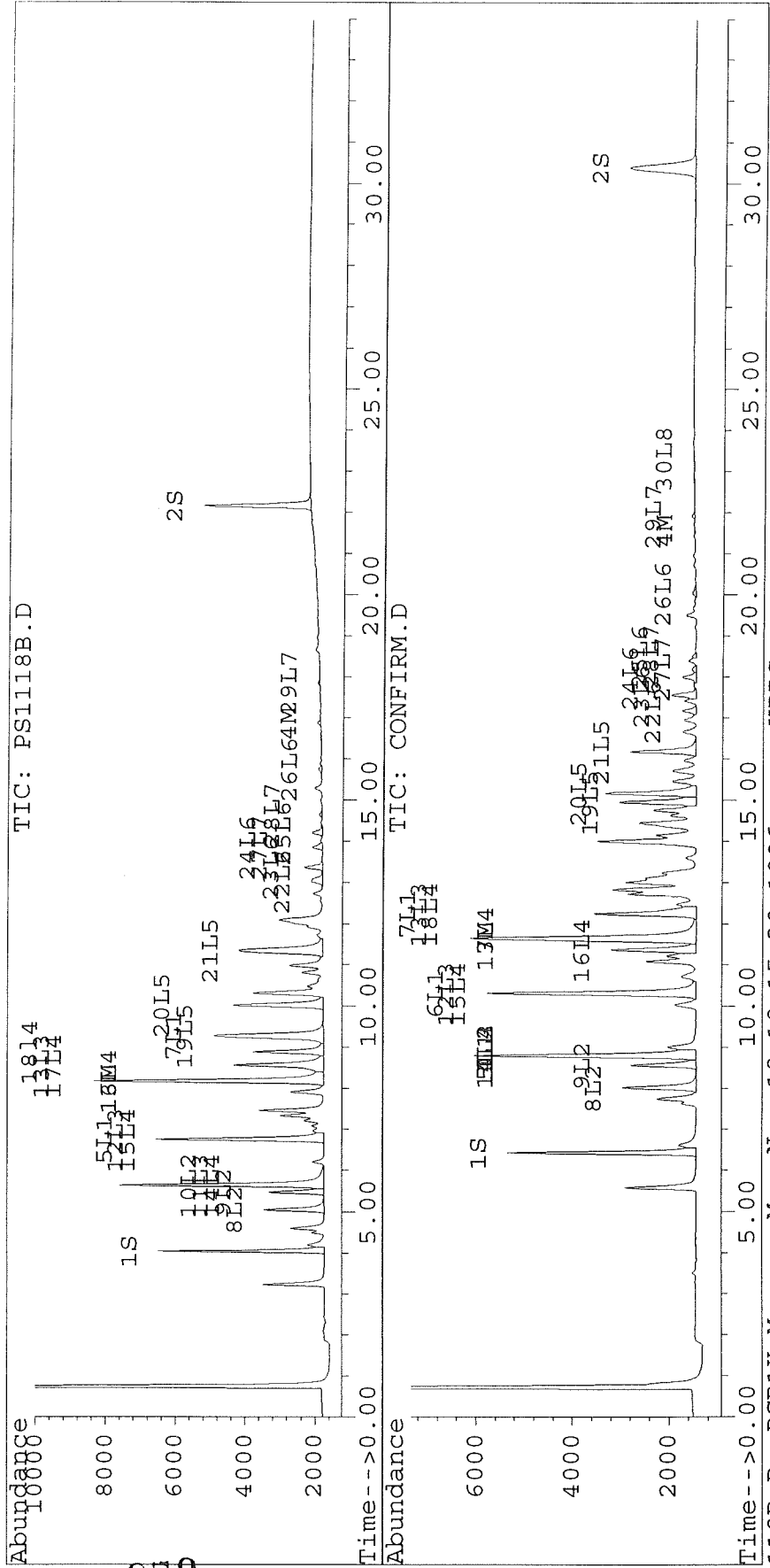
878

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118B.D Vial: 2
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118B.D\CONFIRM.D
 Acq On : 18 Nov 96 06:38 PM
 Sample : AR1232 1.0 UG/ML Operator: JS
 Misc : 8080 ANALYSIS PCB Inst : ECD1
 Quant Time: Nov 18 19:14 1996 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\18NOV96\PS1118C.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118C.D\CONFIRM.D
 Acq On : 18 Nov 96 07:16 PM
 Sample : AR1248 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 18 19:52 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	4600	3785	18.452	19.382
			Recovery	=	46.13%	48.46%
2) S Decachlorobiphenyl	22.16	30.38	3079	1362	15.133	14.019
			Recovery	=	37.83%	35.05%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	7684	5387	71.106	55.662
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	283	149	1.511	0.881 #
5) L1 Aroclor-1016	6.75	8.80	4196	370	130.980	29.069 #
6) L1 Aroclor-1016 {2}	8.88	10.32	2766	3634	162.629	128.939
7) L1 Aroclor-1016 {3}	9.26	12.25	10319	1823	399.924	107.540 #
Total Aroclor-1016			17282	5827	693.533	265.548
Average Aroclor-1016					231.178	88.516
8) L2 Aroclor-1221	5.05	8.03	45	39	6.477	6.449
9) L2 Aroclor-1221 {2}	5.47	8.57	64	56	10.921	11.581
10) L2 Aroclor-1221 {3}	5.64	8.80	430	370	21.272	24.105
Total Aroclor-1221			539	466	38.670	42.135
Average Aroclor-1221					12.890	14.045
11) L3 Aroclor-1232	5.64	8.80	430	370	23.564	25.823
12) L3 Aroclor-1232 {2}	6.75	10.32	4196	3634	307.491	302.475
13) L3 Aroclor-1232 {3}	8.55	12.25	2543	1823	307.251	262.896
Total Aroclor-1232			7170	5827	638.306	591.194
Average Aroclor-1232					212.769	197.065
14) L4 Aroclor-1242	5.64	8.80	430	370	18.077	19.550
15) L4 Aroclor-1242 {2}	6.75	10.32	4196	3634	99.098	97.924
16) L4 Aroclor-1242 {3}	8.17	11.38	7684	1073	119.070	67.443 #
17) L4 Aroclor-1242 (4)	8.55	11.65	2543	5387	94.302	106.656
18) L4 Aroclor-1242 (5)	8.88	12.25	2766	1823	124.570	81.984 #
Total Aroclor-1242			17619	12288	455.117	373.558
Average Aroclor-1242					91.023	74.712
19) L5 Aroclor-1248	9.26	14.95	10319	6072	366.156	302.848
20) L5 Aroclor-1248 {2}	10.01	15.17	8895	6366	378.568	308.549

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118C.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118C.D\CONFIRM.D
 Acq On : 18 Nov 96 07:16 PM
 Sample : AR1248 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 18 19:52 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.33	16.18	9761	4718	320.684	304.889
Total Aroclor-1248			28975	17156	1065.408	916.285
Average Aroclor-1248					355.136	305.428
22) L6 Aroclor-1254	13.03	17.17	2271	1985	65.500	63.539
23) L6 Aroclor-1254 {2}	13.36	17.56	3863	3602	53.675	52.168
24) L6 Aroclor-1254 {3}	13.85	17.99	1573	1993	46.813	45.754
25) L6 Aroclor-1254 (4)	14.20	0.00	2190	0	46.816	N.D. #
26) L6 Aroclor-1254 (5)	15.75	20.04	566	462	10.492	10.540
Total Aroclor-1254			10463	8043	223.296	172.001
Average Aroclor-1254					44.659	43.000
27) L7 Aroclor-1260	13.85	18.19	1573	434	45.455	13.348 #
28) L7 Aroclor-1260 {2}	14.64	0.00	340	0	8.577	N.D. #
29) L7 Aroclor-1260 {3}	17.85	21.92	107	99	1.945	1.832
Total Aroclor-1260			2021	533	55.977	15.180
Average Aroclor-1260					18.659	7.590
30) L8 Aroclor-1268	0.00	23.35f	0	35	N.D.	8.131 #
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
32) L8 Aroclor-1268 {3}	0.00	28.13f	0	12	N.D.	NoCal
Total Aroclor-1268			0	35	N.D.	8.131
Average Aroclor-1268					0.000	8.131

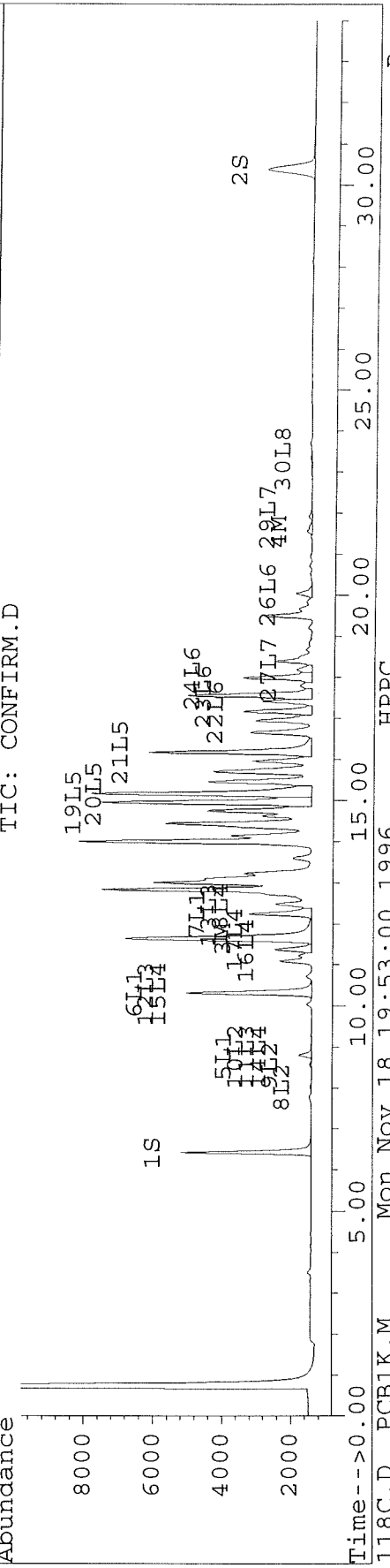
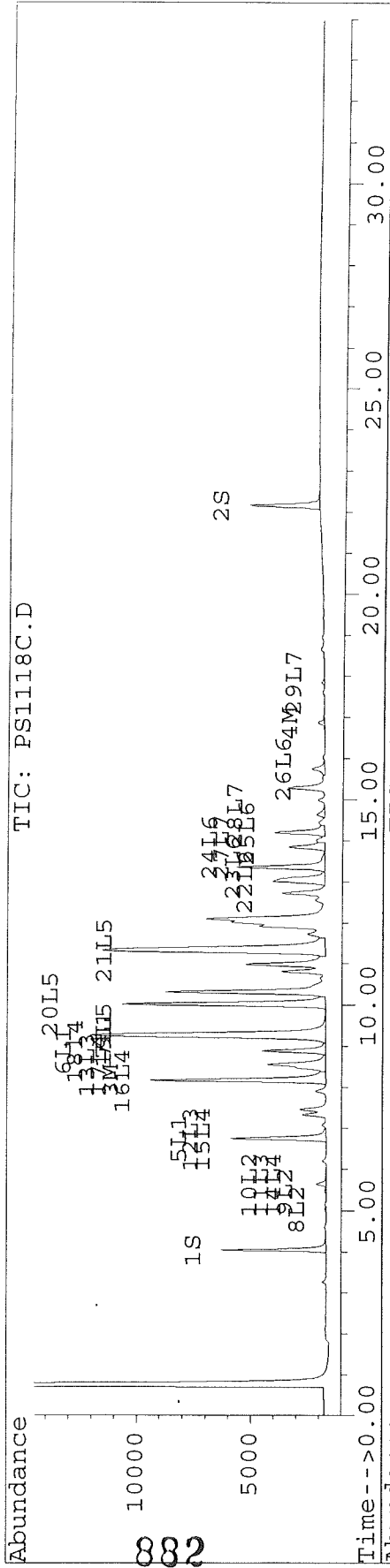
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Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118C.D Vial: 3
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118C.D\CONFIRM.D
 Acq On : 18 Nov 96 07:16 PM Operator: JS
 Sample : AR1248 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 18 19:52 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\18NOV96\PS1118D.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118D.D\CONFIRM.D
 Acq On : 18 Nov 96 07:53 PM
 Sample : AR1660 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 18 20:29 1996

Vial: 4
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	6165	5332	24.731	27.307
			Recovery	=	61.83%	68.27%
2) S Decachlorobiphenyl	22.16	30.37	4049	1786	19.903	18.392
			Recovery	=	49.76%	45.98%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	19135	13723	177.077	141.786
4) M 2,2',3,3',4,4'-Hexa	16.87	21.58	10786	2159	57.680	12.772 #
5) L1 Aroclor-1016	6.75	8.79	12235	4768	381.876	374.523
6) L1 Aroclor-1016 {2}	8.88	10.32	6111	10845	359.278	384.797
7) L1 Aroclor-1016 {3}	9.27	12.25	9711	5864	376.353	345.939
Total Aroclor-1016			28057	21477	1117.507	1105.259
Average Aroclor-1016					372.502	368.420
8) L2 Aroclor-1221	5.05	8.03	865	782	123.469	127.825
9) L2 Aroclor-1221 {2}	5.47	8.56	1188	1053	203.603	215.845
10) L2 Aroclor-1221 {3}	5.64	8.79	5647	4768	279.452	310.563
Total Aroclor-1221			7700	6602	606.525	654.233
Average Aroclor-1221					202.175	218.078
11) L3 Aroclor-1232	5.64	8.79	5647	4768	309.565	332.707
12) L3 Aroclor-1232 {2}	6.75	10.32	12235	10845	896.496	902.688
13) L3 Aroclor-1232 {3}	8.55	12.25	7222	5864	872.488	845.695
Total Aroclor-1232			25104	21477	2078.550	2081.089
Average Aroclor-1232					692.850	693.696
14) L4 Aroclor-1242	5.64	8.79	5647	4768	237.478	251.880
15) L4 Aroclor-1242 {2}	6.75	10.32	12235	10845	288.923	292.239
16) L4 Aroclor-1242 {3}	8.17	11.38	19135	4703	296.522	295.476
17) L4 Aroclor-1242 (4)	8.55	11.65	7222	13723	267.784	271.684
18) L4 Aroclor-1242 (5)	8.88	12.25	6111	5864	275.198	263.730
Total Aroclor-1242			50349	39903	1365.906	1375.010
Average Aroclor-1242					273.181	275.002
19) L5 Aroclor-1248	9.27	14.96	9711	811	344.575	40.433 #
20) L5 Aroclor-1248 {2}	10.02	15.17	7756	1513	330.132	73.317 #

883

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118D.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118D.D\CONFIRM.D
 Acq On : 18 Nov 96 07:53 PM
 Sample : AR1660 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 18 20:29 1996

Vial: 4
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.29f	16.18	5114	202	167.997	13.029 #
Total Aroclor-1248			22581	2525	842.703	126.779
Average Aroclor-1248					280.901	42.260
22) L6 Aroclor-1254	0.00	17.17	0	778	N.D.	24.895 #
23) L6 Aroclor-1254 {2}	13.38	17.54	7893	7070	109.669	102.406
24) L6 Aroclor-1254 {3}	13.86	0.00	13044	0	388.253	N.D. #
25) L6 Aroclor-1254 (4)	14.22	18.50	1384	12173	29.590	433.927 #
26) L6 Aroclor-1254 (5)	15.74	20.04	13579	10295	251.905	234.829
Total Aroclor-1254			35901	30316	779.417	796.057
Average Aroclor-1254					194.854	199.014
27) L7 Aroclor-1260	13.86	18.19	13044	12139	376.989	373.637
28) L7 Aroclor-1260 {2}	14.64	18.50	14106	12173	355.485	331.260
29) L7 Aroclor-1260 {3}	17.84	21.91	19195	17024	347.523	314.421
Total Aroclor-1260			46345	41336	1079.998	1019.318
Average Aroclor-1260					359.999	339.773
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	0.00	23.54	0	2095	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	28.13f	0	663	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

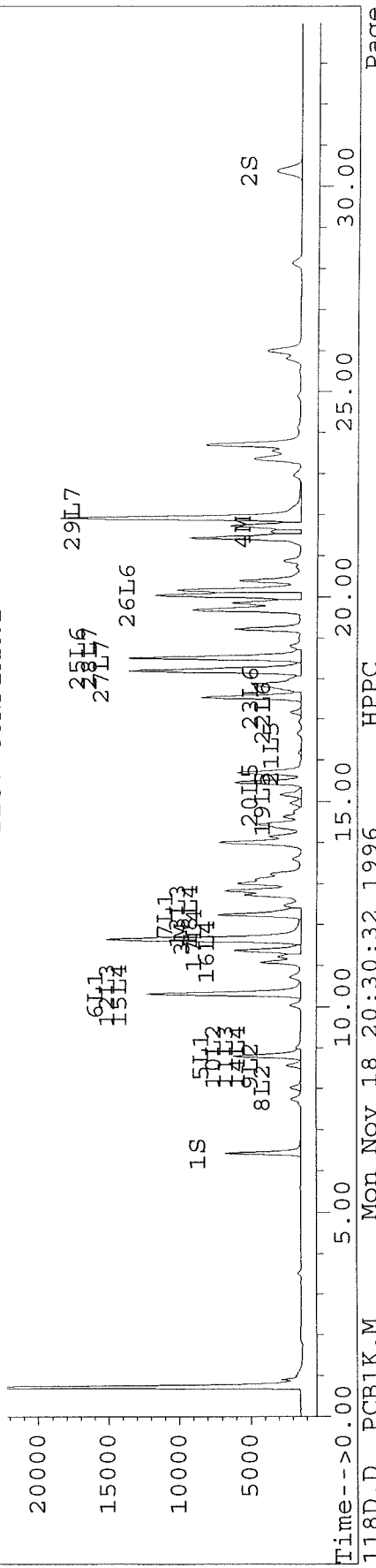
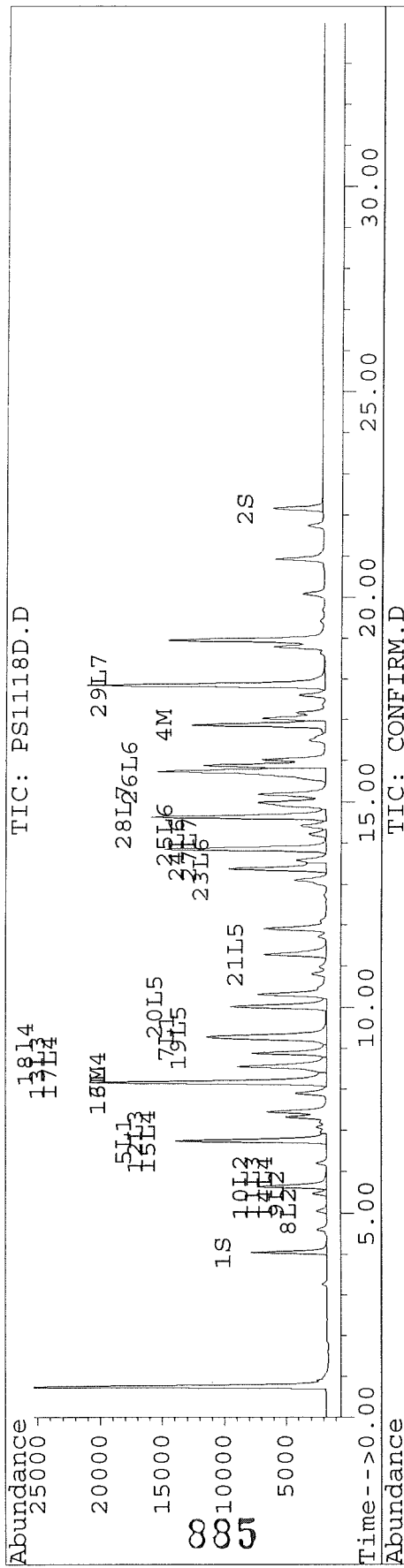
884

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118D.D Vial: 4
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118D.D\CONFIRM.D
 Acq On : 18 Nov 96 07:53 PM
 Sample : AR1660 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 18 20:29 1996
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\18NOV96\PS1118E.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118E.D\CONFIRM.D
 Acq On : 18 Nov 96 08:31 PM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 18 21:07 1996

Vial: 5
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5441	4626	21.828	23.690
			Recovery	=	54.57%	59.23%
2) S Decachlorobiphenyl	22.16	30.38	3351	1483	16.469	15.269
			Recovery	=	41.17%	38.17%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	279	225	2.582	2.325
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	2954	2086	15.797	12.338
5) L1 Aroclor-1016	6.76	8.80	180	60	5.626	4.707
6) L1 Aroclor-1016 {2}	8.88	10.32	90	166	5.310	5.903
7) L1 Aroclor-1016 {3}	9.24f	12.25	5762	75	223.326	4.401 #
Total Aroclor-1016			6033	301	234.262	15.010
Average Aroclor-1016					78.087	5.003
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.64	8.80	67	60	3.295	3.903
Total Aroclor-1221			67	60	3.295	3.903
Average Aroclor-1221					3.295	3.903
11) L3 Aroclor-1232	5.64	8.80	67	60	3.650	4.181
12) L3 Aroclor-1232 {2}	6.76	10.32	180	166	13.208	13.848
13) L3 Aroclor-1232 {3}	8.55	12.25	108	75	13.067	10.758
Total Aroclor-1232			355	301	29.925	28.787
Average Aroclor-1232					9.975	9.596
14) L4 Aroclor-1242	5.64	8.80	67	60	2.800	3.165
15) L4 Aroclor-1242 {2}	6.76	10.32	180	166	4.257	4.483
16) L4 Aroclor-1242 {3}	8.17	11.38	279	60	4.324	3.783
17) L4 Aroclor-1242 (4)	8.55	11.65	108	225	4.011	4.456
18) L4 Aroclor-1242 (5)	8.88	12.25	90	75	4.067	3.355
Total Aroclor-1242			724	586	19.458	19.242
Average Aroclor-1242					3.892	3.848
19) L5 Aroclor-1248	9.24	14.95	5762	3072	204.469	153.184 #
20) L5 Aroclor-1248 {2}	10.01	15.17886	2788	1037	118.674	50.247 #

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118E.D Vial: 5
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118E.D\CONFIRM.D
 Acq On : 18 Nov 96 08:31 PM Operator: JS
 Sample : AR1254 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 18 21:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.30f	16.18	10286	699	337.916	45.186 #
Total Aroclor-1248			18836	4807	661.059	248.617
Average Aroclor-1248					220.353	82.872
22) L6 Aroclor-1254	13.02	17.17	6401	5679	184.585	181.764
23) L6 Aroclor-1254 {2}	13.36	17.56	13397	12275	186.149	177.785
24) L6 Aroclor-1254 {3}	13.85	17.99	6424	6376	191.202	146.347
25) L6 Aroclor-1254 (4)	14.20	18.50	7358	4846	157.277	172.748
26) L6 Aroclor-1254 (5)	15.75	20.04	9632	7200	178.679	164.236
Total Aroclor-1254			43211	36377	897.893	842.879 ↓
Average Aroclor-1254					179.579	168.576
27) L7 Aroclor-1260	13.85	18.19	6424	5067	185.655	155.973
28) L7 Aroclor-1260 {2}	14.64	18.50	5462	4846	137.657	131.876
29) L7 Aroclor-1260 {3}	17.84	21.92	1268	1157	22.949	21.370
Total Aroclor-1260			13154	11070	346.261	309.219
Average Aroclor-1260					115.420	103.073
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	28.13f	0	13	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

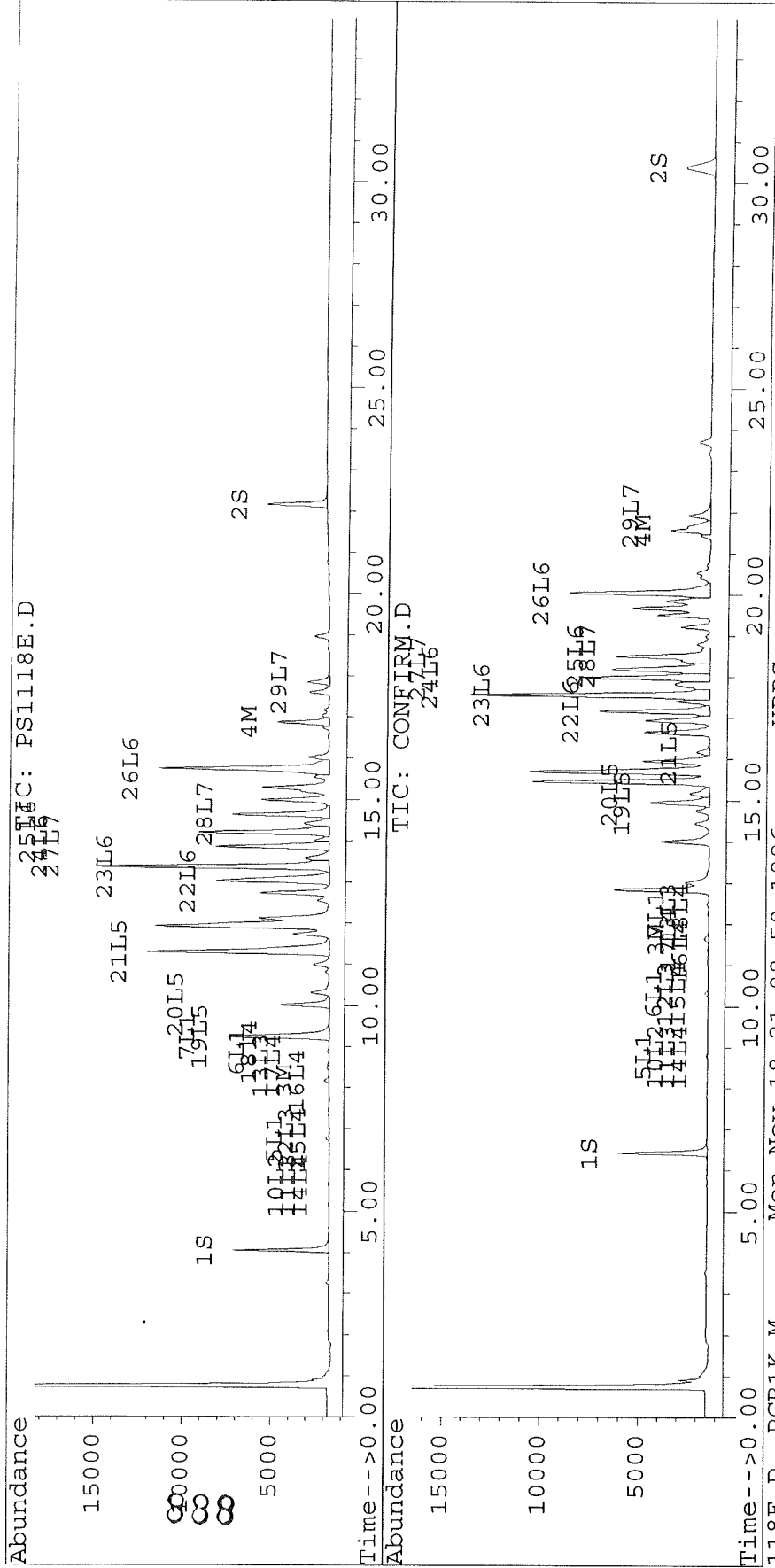
887

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118E.D Vial: 5
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118E.D\CONFIRM.D
 Acq On : 18 Nov 96 08:31 PM Operator: JS
 Sample : AR1254 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 18 21:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\18NOV96\PS1118F.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118F.D\CONFIRM.D
 Acq On : 18 Nov 96 09:09 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 18 21:44 1996

Vial: 6
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5229	4435	20.978	22.712
			Recovery	=	52.45%	56.78%
2) S Decachlorobiphenyl	22.16	30.38	3279	1477	16.114	15.206
			Recovery	=	40.29%	38.02%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	11845	8585	109.612	88.702
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	261	60	1.397	0.356 #
5) L1 Aroclor-1016	6.75	8.79	7825	3517	244.232	276.279
6) L1 Aroclor-1016 {2}	8.88	10.32	3723	7065	218.873	250.694
7) L1 Aroclor-1016 {3}	9.27	12.24	6210	3763	240.656	221.997
Total Aroclor-1016			17757	14346	703.761	748.970
Average Aroclor-1016					234.587	249.657
8) L2 Aroclor-1221	5.05	8.02	664	635	94.769	103.759
9) L2 Aroclor-1221 {2}	5.47	8.56	906	808	155.211	165.722
10) L2 Aroclor-1221 {3}	5.64	8.79	4149	3517	205.321	229.097
Total Aroclor-1221			5718	4960	455.301	498.578
Average Aroclor-1221					151.767	166.193
11) L3 Aroclor-1232	5.64	8.79	4149	3517	227.445	245.432
12) L3 Aroclor-1232 {2}	6.75	10.32	7825	7065	573.360	588.098
13) L3 Aroclor-1232 {3}	8.56	12.24	4536	3763	547.953	542.702
Total Aroclor-1232			16509	14346	1348.758	1376.231
Average Aroclor-1232					449.586	458.744
14) L4 Aroclor-1242	5.64	8.79	4149	3517	174.481	185.808
15) L4 Aroclor-1242 {2}	6.75	10.32	7825	7065	184.783	190.393
16) L4 Aroclor-1242 {3}	8.17	11.38	11845	3040	183.550	191.014
17) L4 Aroclor-1242 (4)	8.56	11.65	4536	8585	168.178	169.967
18) L4 Aroclor-1242 (5)	8.88	12.24	3723	3763	167.652	169.242
Total Aroclor-1242			32077	25971	878.643	906.423
Average Aroclor-1242					175.729	181.285
19) L5 Aroclor-1248	9.27	14.95	6210	3425	220.336	170.808
20) L5 Aroclor-1248 {2}	10.01	15.17	889321	3955	226.486	191.680

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118F.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118F.D\CONFIRM.D
 Acq On : 18 Nov 96 09:09 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 18 21:44 1996

Vial: 6
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.34	16.17	5212	2888	171.238	186.596
Total Aroclor-1248			16743	10267	618.060	549.084
Average Aroclor-1248					206.020	183.028
22) L6 Aroclor-1254	13.03	17.17	822	709	23.712	22.702
23) L6 Aroclor-1254 {2}	13.36	17.56	1312	1276	18.225	18.482
24) L6 Aroclor-1254 {3}	13.85	17.99	640	687	19.038	15.758
25) L6 Aroclor-1254 (4)	14.20	0.00	739	0	15.805	N.D. #
26) L6 Aroclor-1254 (5)	15.75	20.04	192	145	3.561	3.316
Total Aroclor-1254			3705	2817	80.342	60.258
Average Aroclor-1254					16.068	15.065
27) L7 Aroclor-1260	13.85	18.19	640	147	18.486	4.520 #
28) L7 Aroclor-1260 {2}	14.64	0.00	157	0	3.955	N.D. #
29) L7 Aroclor-1260 {3}	17.85	21.92	25	30	0.449	0.558
Total Aroclor-1260			821	177	22.890	5.078
Average Aroclor-1260					7.630	2.539
30) L8 Aroclor-1268	0.00	23.34f	0	9	N.D.	2.072 #
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
32) L8 Aroclor-1268 {3}	0.00	28.14f	0	11	N.D.	NoCal
Total Aroclor-1268			0	9	N.D.	2.072
Average Aroclor-1268					0.000	2.072

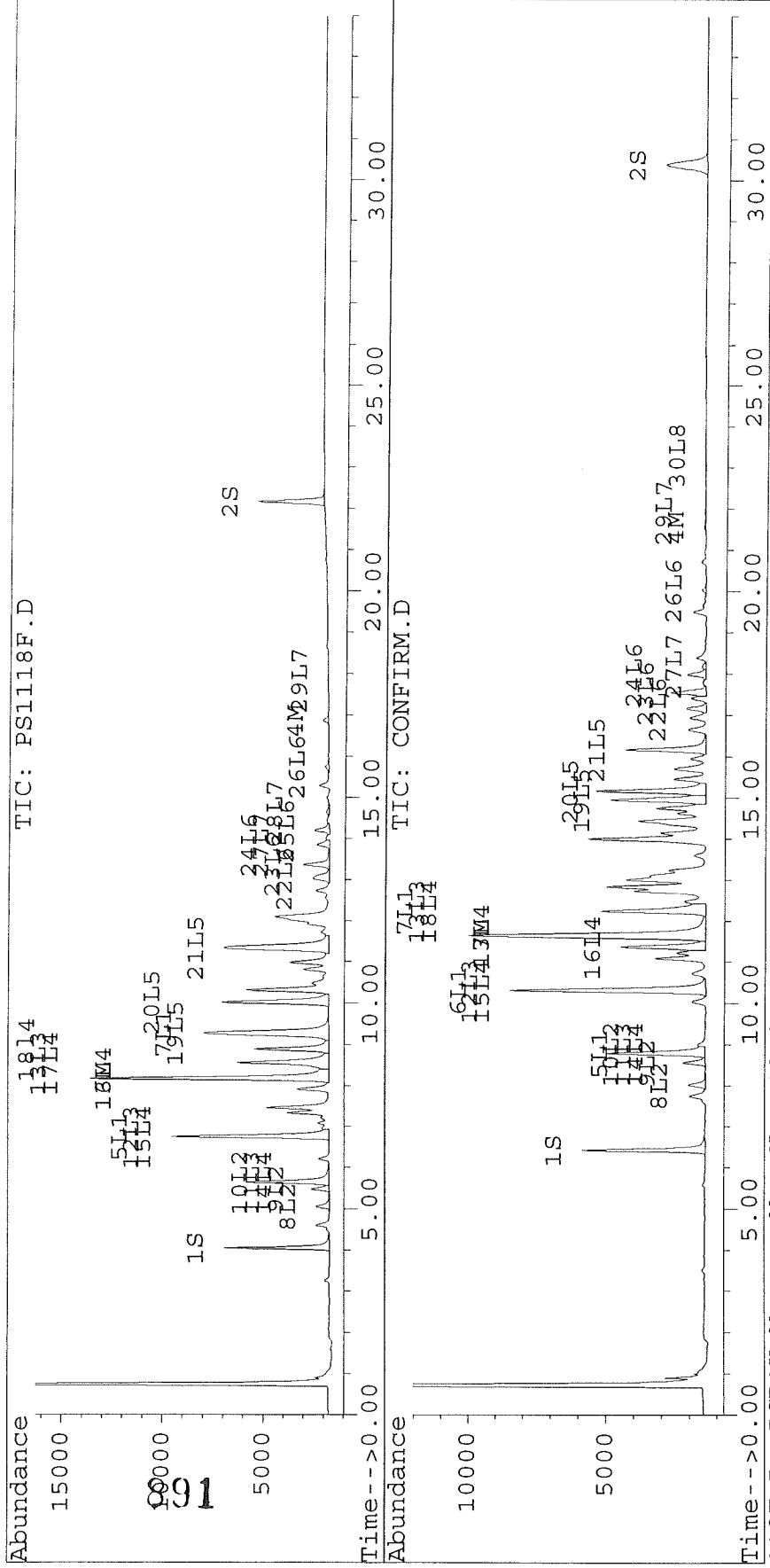
890

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS11118F.D Vial: 6
 Signal #2 : D:\HPCHEM\5\18NOV96\PS11118F.D\CONFIRM.D
 Acq On : 18 Nov 96 09:09 PM Operator: JS
 Sample : AR1242 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 18 21:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\18NOV96\PS1118G.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118G.D\CONFIRM.D
 Acq On : 18 Nov 96 09:46 PM
 Sample : PCB COGENERES 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 18 22:22 1996

Vial: 7

Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5523	4664	22.156	23.886
			Recovery	=	55.39%	59.72%
2) S Decachlorobiphenyl	22.16	30.38	3373	1502	16.576	15.460
			Recovery	=	41.44%	38.65%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.67	24668	21975	228.283	227.033
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	42053	35261	224.880	208.598 ↓
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.03	8.01	43	39	6.142	6.354
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			43	39	6.142	6.354
Average Aroclor-1221					6.142	6.354
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}	8.17	0.00	24668	0	382.268	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.67	0	21975	N.D.	435.030 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			24668	21975	382.268	435.030
Average Aroclor-1242					382.268	435.030
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118G.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118G.D\CONFIRM.D
 Acq On : 18 Nov 96 09:46 PM
 Sample : PCB COGENERES 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 18 22:22 1996

Vial: 7
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
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}	13.84	0.00	126	0	3.748	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			126	0	3.748	N.D.
Average Aroclor-1254					3.748	0.000
27) L7 Aroclor-1260	13.84	0.00	126	0	3.639	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			126	0	3.639	N.D.
Average Aroclor-1260					3.639	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	28.14f	0	11	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

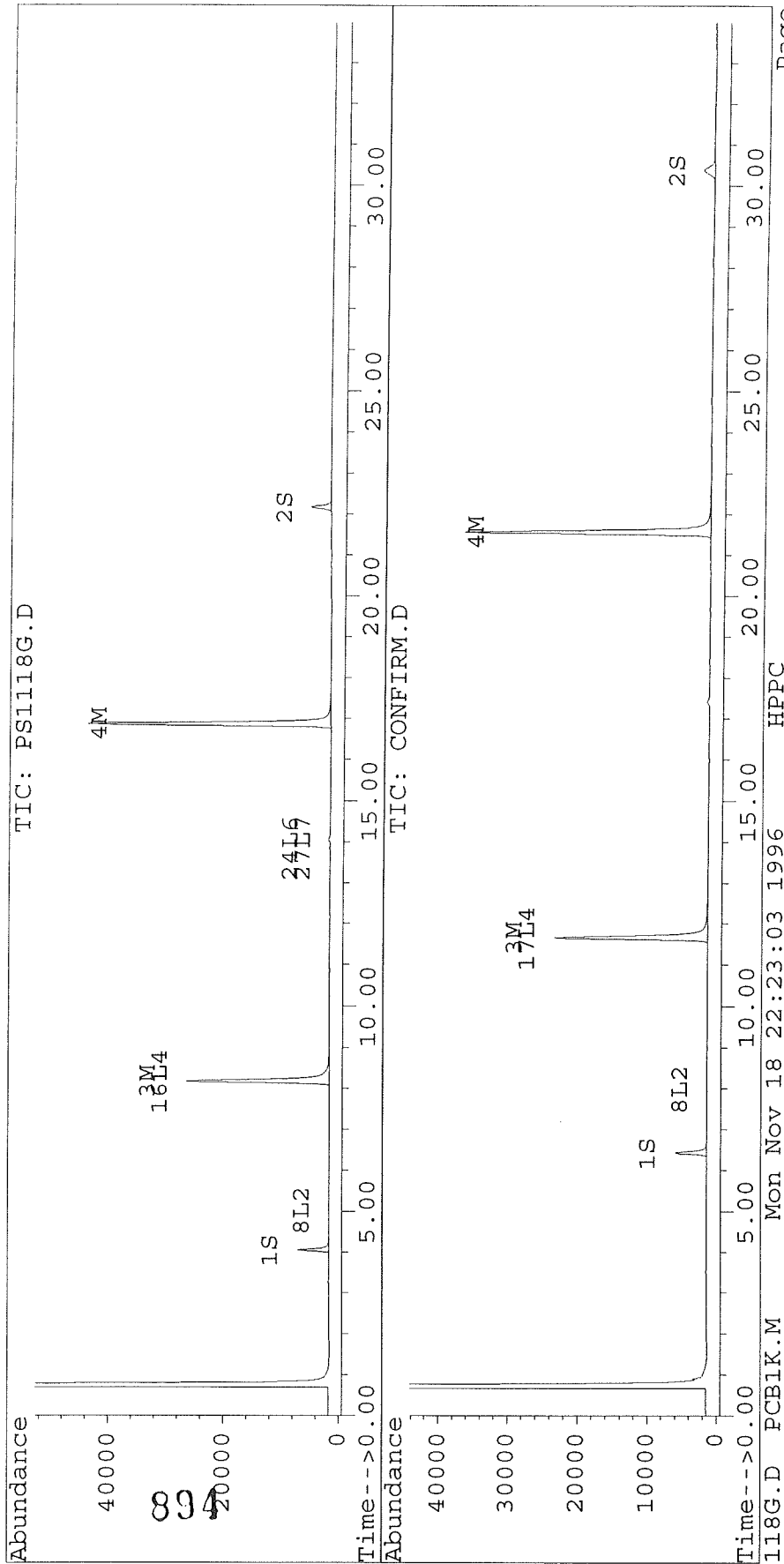
893

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118G.D Vial: 7
Signal #2 : D:\HPCHEM\5\18NOV96\PS1118G.D\CONFIRM.D
Acq On : 18 Nov 96 09:46 PM Operator: JS
Sample : PCB COGENERS 0.25 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 18 22:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
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 : D:\HPCHEM\5\18NOV96\P1113-B1.D Vial: 8
 Signal #2 : D:\HPCHEM\5\18NOV96\P1113-B1.D\CONFIRM.D
 Acq On : 18 Nov 96 10:24 PM Operator: JS
 Sample : SOIL METHOD BLANK Inst : ECD1
 Misc : 15.0G/25ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 18 23:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	9508	8082	38.142	41.389
			Recovery	=	95.36%	103.47%
2) S Decachlorobiphenyl	22.16	30.38	5716	2492	28.093	25.654
			Recovery	=	70.23%	64.13%
Target Compounds						
3) M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	325	45	1.740	0.269 #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
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.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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Revan

895

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\P1113-B1.D Vial: 8
 Signal #2 : D:\HPCHEM\5\18NOV96\P1113-B1.D\CONFIRM.D
 Acq On : 18 Nov 96 10:24 PM Operator: JS
 Sample : SOIL METHOD BLANK Inst : ECD1
 Misc : 15.0G/25ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 18 23:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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.	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	23.27	0	19	N.D.	4.460 #
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
32) L8 Aroclor-1268 {3}	0.00	28.14f	0	17	N.D.	NoCal
Total Aroclor-1268			0	19	N.D.	4.460
Average Aroclor-1268					0.000	4.460

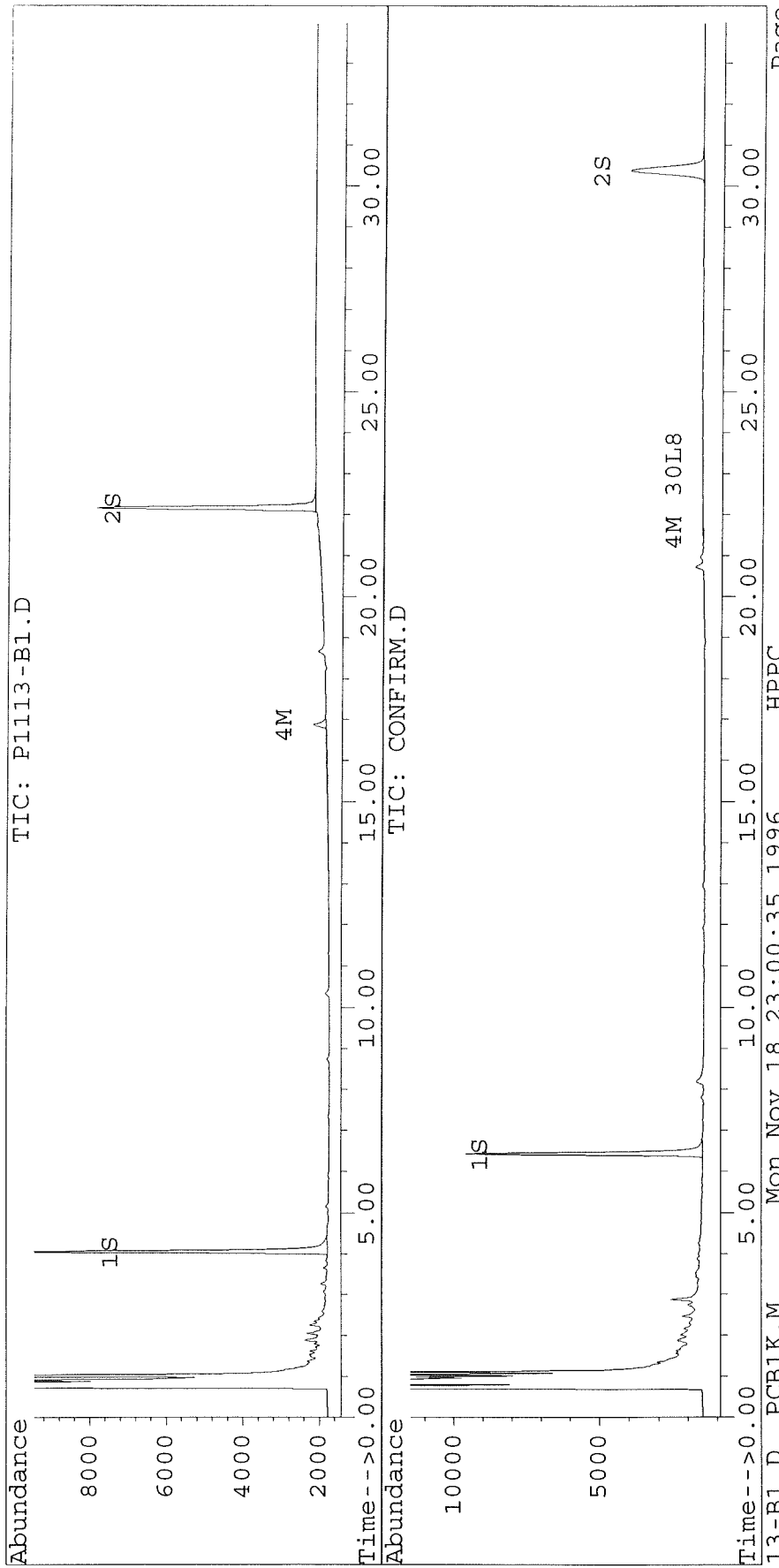
896

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\P1113-B1.D Vial: 8
Signal #2 : D:\HPCHEM\5\18NOV96\P1113-B1.D\CONFIRM.D
Acq On : 18 Nov 96 10:24 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 15.0G/25ML 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 18 23:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M Signal #2 Phase: DB-608
Title : PCB 5 LEVEL Signal #2 Info : 0.53 MM
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

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



897

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118H.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118H.D\CONFIRM.D
 Acq On : 19 Nov 96 04:40 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 5:16 1996

Vial: 5
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5588	4709	22.416	24.117
			Recovery	=	56.04%	60.29%
2) S Decachlorobiphenyl	22.16	30.37	3547	1679	17.433	17.281
			Recovery	=	43.58%	43.20%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	304	241	2.815	2.492
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	3339	2872	17.857	16.989
5) L1 Aroclor-1016	6.76	8.80	187	60	5.825	4.717
6) L1 Aroclor-1016 {2}	8.88	10.32	96	169	5.648	6.001
7) L1 Aroclor-1016 {3}	9.24f	12.25	6020	80	233.296	4.702 #
Total Aroclor-1016			6302	309	244.769	15.420
Average Aroclor-1016					81.590	5.140
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.64	8.80	70	60	3.475	3.912
Total Aroclor-1221			70	60	3.475	3.912
Average Aroclor-1221					3.475	3.912
11) L3 Aroclor-1232	5.64	8.80	70	60	3.850	4.191
12) L3 Aroclor-1232 {2}	6.76	10.32	187	169	13.675	14.077
13) L3 Aroclor-1232 {3}	8.55	12.25	115	80	13.892	11.494
Total Aroclor-1232			372	309	31.416	29.762
Average Aroclor-1232					10.472	9.921
14) L4 Aroclor-1242	5.64	8.80	70	60	2.953	3.173
15) L4 Aroclor-1242 {2}	6.76	10.32	187	169	4.407	4.557
16) L4 Aroclor-1242 {3}	8.17	11.38	304	57	4.714	3.600
17) L4 Aroclor-1242 (4)	8.55	11.65	115	241	4.264	4.775
18) L4 Aroclor-1242 (5)	8.88	12.25	96	80	4.326	3.585
Total Aroclor-1242			772	607	20.665	19.689
Average Aroclor-1242					4.133	3.938
19) L5 Aroclor-1248	9.24	14.95	6020	3482	213.597	173.659
20) L5 Aroclor-1248 {2}	10.01	15.17	2930	1107	124.691	53.633 #

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118H.D Vial: 5
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118H.D\CONFIRM.D
 Acq On : 19 Nov 96 04:40 AM Operator: JS
 Sample : AR1254 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 19 5:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.30f	16.18	10798	835	354.741	53.952 #
Total Aroclor-1248			19747	5423	693.029	281.244
Average Aroclor-1248					231.010	93.748
22) L6 Aroclor-1254	13.02	17.17	6807	6315	196.298	202.115
23) L6 Aroclor-1254 {2}	13.36	17.56	14422	14106	200.386	204.317
24) L6 Aroclor-1254 {3}	13.85	17.99	6718	8206	199.959	188.335
25) L6 Aroclor-1254 (4)	14.20	18.50	8487	5619	181.423	200.313
26) L6 Aroclor-1254 (5)	15.74	20.04	10445	8571	193.754	195.504
Total Aroclor-1254			46879	42818	971.820	990.585
Average Aroclor-1254					194.364	198.117
27) L7 Aroclor-1260	13.85	18.19	6718	5371	194.157	165.313
28) L7 Aroclor-1260 {2}	14.64	18.50	5936	5619	149.585	152.919
29) L7 Aroclor-1260 {3}	17.84	21.92	1383	1967	25.032	36.327 #
Total Aroclor-1260			14036	12957	368.774	354.559
Average Aroclor-1260					122.925	118.186
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

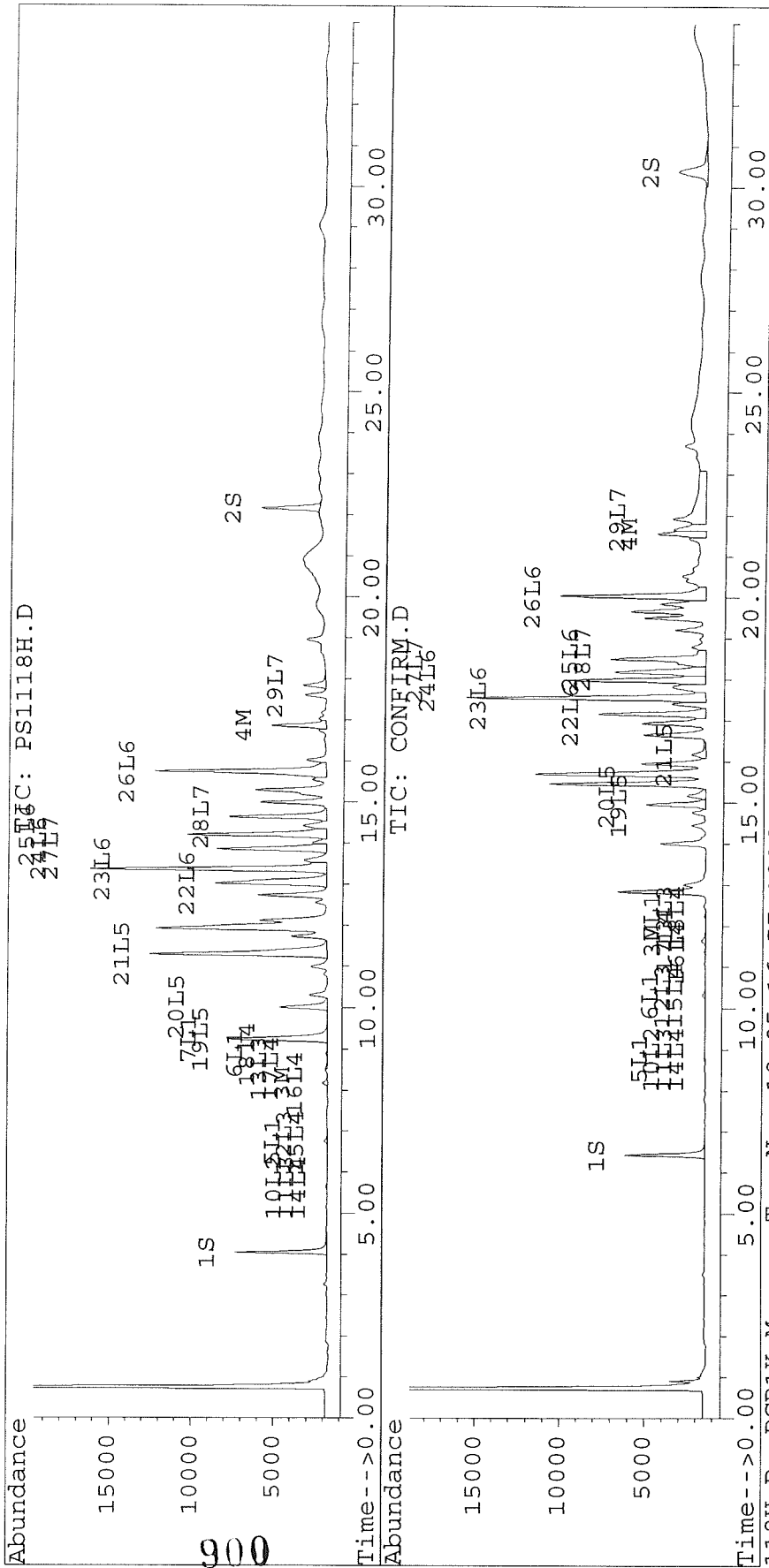
899

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118H.D Vial: 5
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118H.D\CONFIRM.D
 Acq On : 19 Nov 96 04:40 AM Operator: JS
 Sample : AR1254 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 19 5:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\18NOV96\PS1118I.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118I.D\CONFIRM.D
 Acq On : 19 Nov 96 05:17 AM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 5:53 1996

Vial: 6

Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5572	4647	22.351	23.798
			Recovery	=	55.88%	59.50%
2) S Decachlorobiphenyl	22.16	30.38	3666	1706	18.019	17.567
			Recovery	=	45.05%	43.92%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	13004	9875	120.342	102.029
4) M 2,2',3,3',4,4'-Hexa	16.87	21.58	357	602	1.910	3.562 #
5) L1 Aroclor-1016	6.75	8.79	8266	3841	257.989	301.750
6) L1 Aroclor-1016 {2}	8.88	10.32	4105	7565	241.329	268.424
7) L1 Aroclor-1016 {3}	9.27	12.25	6694	4323	259.433	255.010
Total Aroclor-1016			19064	15729	758.751	825.183
Average Aroclor-1016					252.917	275.061
8) L2 Aroclor-1221	5.05	8.02	702	640	100.237	104.727
9) L2 Aroclor-1221 {2}	5.47	8.56	959	857	164.317	175.682
10) L2 Aroclor-1221 {3}	5.64	8.79	4442	3841	219.813	250.218
Total Aroclor-1221			6103	5339	484.367	530.627
Average Aroclor-1221					161.456	176.876
11) L3 Aroclor-1232	5.64	8.79	4442	3841	243.499	268.059
12) L3 Aroclor-1232 {2}	6.75	10.32	8266	7565	605.658	629.690
13) L3 Aroclor-1232 {3}	8.56	12.25	4992	4323	603.043	623.406
Total Aroclor-1232			17699	15729	1452.200	1521.154
Average Aroclor-1232					484.067	507.051
14) L4 Aroclor-1242	5.64	8.79	4442	3841	186.797	202.938
15) L4 Aroclor-1242 {2}	6.75	10.32	8266	7565	195.192	203.858
16) L4 Aroclor-1242 {3}	8.17	11.38	13004	3243	201.517	203.735
17) L4 Aroclor-1242 (4)	8.56	11.65	4992	9875	185.086	195.503
18) L4 Aroclor-1242 (5)	8.88	12.25	4105	4323	184.852	194.409
Total Aroclor-1242			34808	28847	953.444	1000.443
Average Aroclor-1242					190.689	200.089
19) L5 Aroclor-1248	9.27	14.95	6694	4010	237.527	199.993
20) L5 Aroclor-1248 {2}	10.01	15.17	5781	4648	246.031	225.283

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Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118I.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118I.D\CONFIRM.D
 Acq On : 19 Nov 96 05:17 AM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 5:53 1996

Vial: 6
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.35	16.17	5913	3473	194.274	224.415
Total Aroclor-1248			18388	12131	677.832	649.690
Average Aroclor-1248					225.944	216.563
22) L6 Aroclor-1254	13.03	17.17	911	809	26.275	25.907
23) L6 Aroclor-1254 {2}	13.36	17.56	1461	1458	20.306	21.118
24) L6 Aroclor-1254 {3}	13.85	17.99	741	845	22.047	19.402
25) L6 Aroclor-1254 (4)	14.20	0.00	881	0	18.834	N.D. #
26) L6 Aroclor-1254 (5)	15.75	20.04	243	258	4.500	5.887 #
Total Aroclor-1254			4237	3371	91.961	72.314
Average Aroclor-1254					18.392	18.078
27) L7 Aroclor-1260	13.85	18.19	741	178	21.407	5.468 #
28) L7 Aroclor-1260 {2}	14.64	0.00	190	0	4.776	N.D. #
29) L7 Aroclor-1260 {3}	17.85	21.92	30	753	0.540	13.911 #
Total Aroclor-1260			960	931	26.723	19.379
Average Aroclor-1260					8.908	9.689
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

902

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118J.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118J.D\CONFIRM.D
 Acq On : 19 Nov 96 05:55 AM
 Sample : PCB COGENERES 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 6:31 1996

Vial: 7
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5269	4494	21.136	23.015
			Recovery	=	52.84%	57.54%
2) S Decachlorobiphenyl	22.16	30.38	3561	1629	17.503	16.769
			Recovery	=	43.76%	41.92%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.67	25643	24433	237.303	252.430
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	44923	41503	240.228	245.525
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.03	8.01	43	37	6.078	5.993
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			43	37	6.078	5.993
Average Aroclor-1221					6.078	5.993
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}	8.17	0.00	25643	0	397.372	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.67	0	24433	N.D.	483.695 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			25643	24433	397.372	483.695
Average Aroclor-1242					397.372	483.695
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	904	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118J.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118J.D\CONFIRM.D
 Acq On : 19 Nov 96 05:55 AM
 Sample : PCB COGENERES 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 6:31 1996

Vial: 7
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.33	16.19	15	21	0.481	1.340 #
Total Aroclor-1248			15	21	0.481	1.340
Average Aroclor-1248					0.481	1.340
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}	13.84	0.00	128	0	3.818	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			128	0	3.818	N.D.
Average Aroclor-1254					3.818	0.000
27) L7 Aroclor-1260	13.84	0.00	128	0	3.707	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			128	0	3.707	N.D.
Average Aroclor-1260					3.707	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

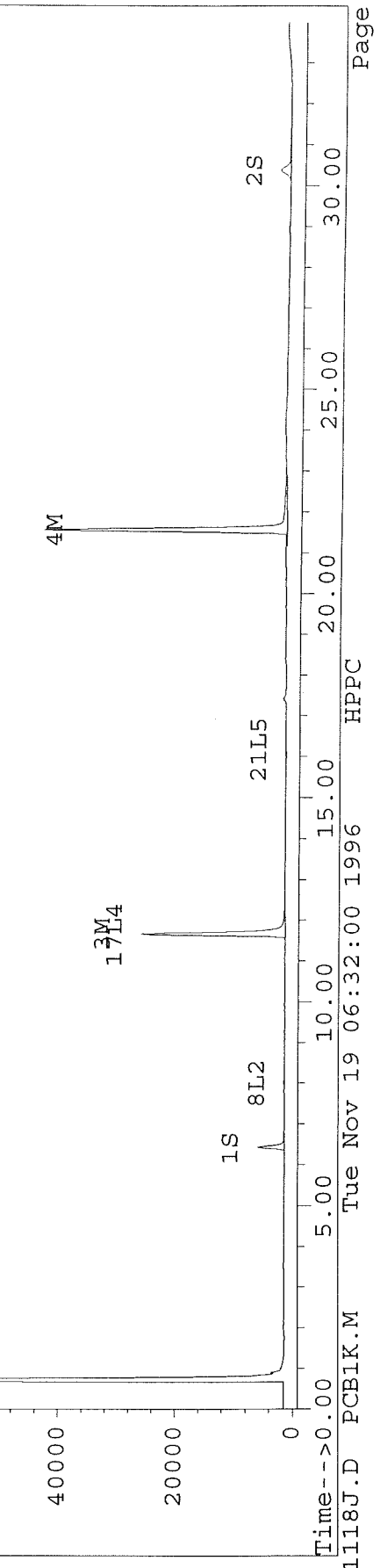
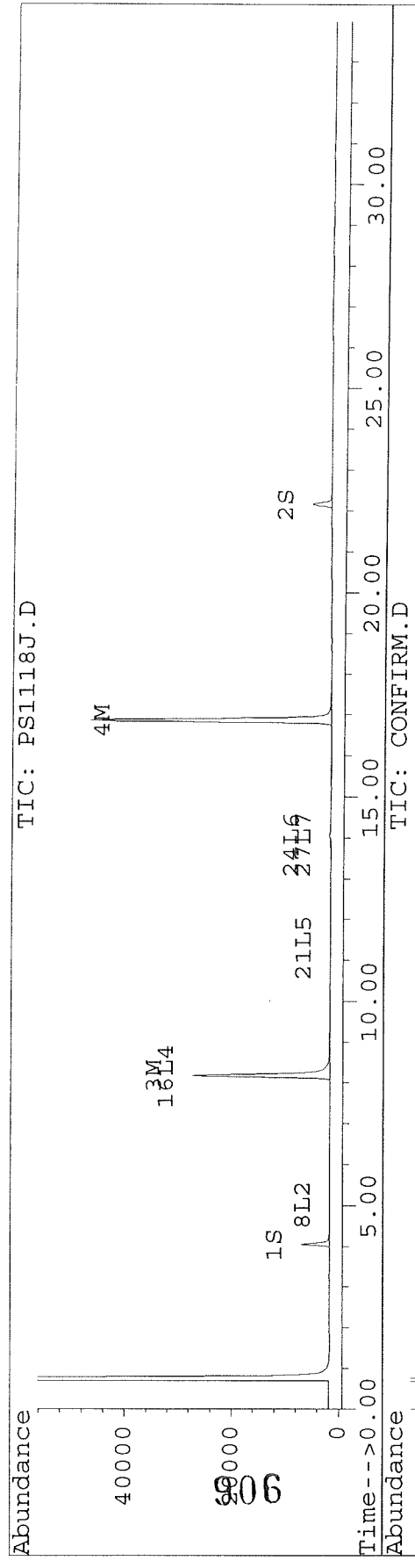
905

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118J.D Vial: 7
Signal #2 : D:\HPCHEM\5\18NOV96\PS1118J.D\CONFIRM.D
Acq On : 19 Nov 96 05:55 AM Operator: JS
Sample : PCB COGENERS 0.25 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 19 6:31 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\18NOV96\PS1118K.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118K.D\CONFIRM.D
 Acq On : 19 Nov 96 12:56 PM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 13:32 1996

Vial: 5
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5576	4618	22.370	23.651
			Recovery	=	55.93%	59.13%
2) S Decachlorobiphenyl	22.16	30.38	3675	1650	18.062	16.986
			Recovery	=	45.16%	42.47%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	309	243	2.857	2.505
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	3360	2428	17.967	14.365
5) L1 Aroclor-1016	6.76	8.80	191	61	5.964	4.788
6) L1 Aroclor-1016 {2}	8.88	10.32	97	171	5.710	6.070
7) L1 Aroclor-1016 {3}	9.23f	12.25	6115	78	237.005	4.605 #
Total Aroclor-1016			6404	310	248.680	15.463
Average Aroclor-1016					82.893	5.154
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.64	8.80	72	61	3.546	3.970
Total Aroclor-1221			72	61	3.546	3.970
Average Aroclor-1221					3.546	3.970
11) L3 Aroclor-1232	5.64	8.80	72	61	3.928	4.254
12) L3 Aroclor-1232 {2}	6.76	10.32	191	171	14.002	14.241
13) L3 Aroclor-1232 {3}	8.55	12.25	116	78	13.999	11.257
Total Aroclor-1232			379	310	31.929	29.751
Average Aroclor-1232					10.643	9.917
14) L4 Aroclor-1242	5.64	8.80	72	61	3.013	3.220
15) L4 Aroclor-1242 {2}	6.76	10.32	191	171	4.512	4.610
16) L4 Aroclor-1242 {3}	8.17	11.38	309	60	4.784	3.743
17) L4 Aroclor-1242 (4)	8.55	11.65	116	243	4.297	4.801
18) L4 Aroclor-1242 (5)	8.88	12.25	97	78	4.374	3.510
Total Aroclor-1242			784	612	20.980	19.885
Average Aroclor-1242					4.196	3.977
19) L5 Aroclor-1248	9.23f	14.95	6115	3600	216.993	179.542
20) L5 Aroclor-1248 {2}	10.01	15.17	2986	1153	127.069	55.887 #

907

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118K.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118K.D\CONFIRM.D
 Acq On : 19 Nov 96 12:56 PM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 13:32 1996

Vial: 5
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	
21) L5 Aroclor-1248 {3}	11.29f	16.18	10909	774	358.402	49.995	#
Total Aroclor-1248			20010	5527	702.464	285.425	
Average Aroclor-1248					234.155	95.142	
22) L6 Aroclor-1254	13.02	17.17	6984	6261	201.400	200.371	
23) L6 Aroclor-1254 {2}	13.36	17.56	14608	13917	202.978	201.574	
24) L6 Aroclor-1254 {3}	13.85	17.99	6829	8158	203.244	187.241	
25) L6 Aroclor-1254 (4)	14.20	18.50	8830	5457	188.747	194.535	
26) L6 Aroclor-1254 (5)	15.74	20.04	10601	8376	196.658	191.050	
Total Aroclor-1254			47852	42169	993.026	974.771	
Average Aroclor-1254					198.605	194.954	
27) L7 Aroclor-1260	13.85	18.19	6829	5184	197.348	159.582	
28) L7 Aroclor-1260 {2}	14.64	18.50	5988	5457	150.901	148.508	
29) L7 Aroclor-1260 {3}	17.84	21.92	1412	1323	25.556	24.442	
Total Aroclor-1260			14228	11965	373.804	332.532	
Average Aroclor-1260					124.601	110.844	
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	28.13	0	14	N.D.	NoCal	
Total Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

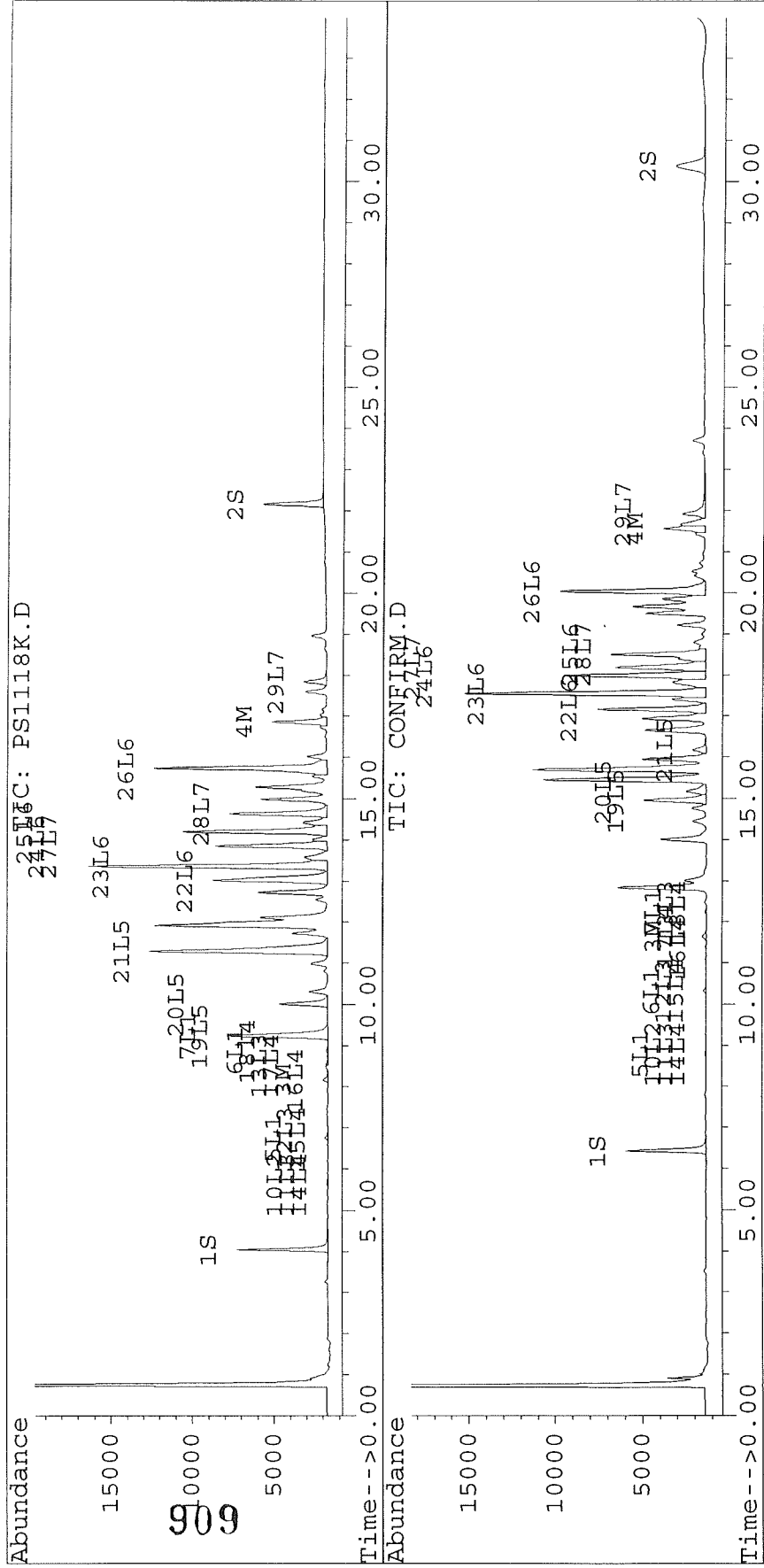
908

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118K.D Vial: 5
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118K.D\CONFIRM.D
 Acq On : 19 Nov 96 12:56 PM Operator: JS
 Sample : AR1254 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 19 13:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\18NOV96\PS1118L.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118L.D\CONFIRM.D
 Acq On : 19 Nov 96 01:33 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 14:09 1996

Vial: 6
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.44	5325	4572	21.360	23.414
			Recovery	=	53.40%	58.54%
2) S Decachlorobiphenyl	22.16	30.38	3775	1725	18.555	17.764
			Recovery	=	46.39%	44.41%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	13355	10449	123.586	107.958
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	435	65	2.329	0.387 #
5) L1 Aroclor-1016	6.75	8.80	8373	3961	261.342	311.139
6) L1 Aroclor-1016 {2}	8.88	10.32	4184	7897	245.971	280.199
7) L1 Aroclor-1016 {3}	9.27	12.25	6830	4991	264.701	294.442
Total Aroclor-1016			19387	16849	772.013	885.780
Average Aroclor-1016					257.338	295.260
8) L2 Aroclor-1221	5.05	8.03	718	670	102.491	109.584
9) L2 Aroclor-1221 {2}	5.47	8.57	979	936	167.737	191.922
10) L2 Aroclor-1221 {3}	5.64	8.80	4473	3961	221.356	258.003
Total Aroclor-1221			6169	5567	491.585	559.509
Average Aroclor-1221					163.862	186.503
11) L3 Aroclor-1232	5.64	8.80	4473	3961	245.209	276.399
12) L3 Aroclor-1232 {2}	6.75	10.32	8373	7897	613.528	657.314
13) L3 Aroclor-1232 {3}	8.56	12.25	5136	4991	620.502	719.803
Total Aroclor-1232			17982	16849	1479.239	1653.516
Average Aroclor-1232					493.080	551.172
14) L4 Aroclor-1242	5.64	8.80	4473	3961	188.108	209.252
15) L4 Aroclor-1242 {2}	6.75	10.32	8373	7897	197.728	212.801
16) L4 Aroclor-1242 {3}	8.17	11.38	13355	3552	206.949	223.135
17) L4 Aroclor-1242 (4)	8.56	11.65	5136	10449	190.445	206.864
18) L4 Aroclor-1242 (5)	8.88	12.25	4184	4991	188.408	224.471
Total Aroclor-1242			35520	30850	971.638	1076.524
Average Aroclor-1242					194.328	215.305
19) L5 Aroclor-1248	9.27	14.95	6830	5842	242.350	291.336
20) L5 Aroclor-1248 {2}	10.02	15.910	5949	6566	253.199	318.278 #

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118L.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118L.D\CONFIRM.D
 Acq On : 19 Nov 96 01:33 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 14:09 1996

Vial: 6
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.35	16.18	6118	4268	200.981	275.811 #
Total Aroclor-1248			18897	16676	696.530	885.425
Average Aroclor-1248					232.177	295.142
22) L6 Aroclor-1254	13.03	17.17	981	915	28.284	29.283
23) L6 Aroclor-1254 {2}	13.36	17.56	1552	1491	21.558	21.591
24) L6 Aroclor-1254 {3}	13.85	17.99	818	862	24.356	19.787
25) L6 Aroclor-1254 (4)	14.20	0.00	969	0	20.708	N.D. #
26) L6 Aroclor-1254 (5)	15.75	20.05	303	163	5.619	3.719 #
Total Aroclor-1254			4622	3431	100.526	74.380
Average Aroclor-1254					20.105	18.595
27) L7 Aroclor-1260	13.85	18.19	818	169	23.650	5.216 #
28) L7 Aroclor-1260 {2}	14.64	0.00	253	0	6.374	N.D. #
29) L7 Aroclor-1260 {3}	17.85	21.92	70	36	1.271	0.670 #
Total Aroclor-1260			1141	206	31.295	5.885
Average Aroclor-1260					10.432	2.943
30) L8 Aroclor-1268	0.00	23.34f	0	12	N.D.	2.860 #
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	12	N.D.	2.860
Average Aroclor-1268					0.000	2.860

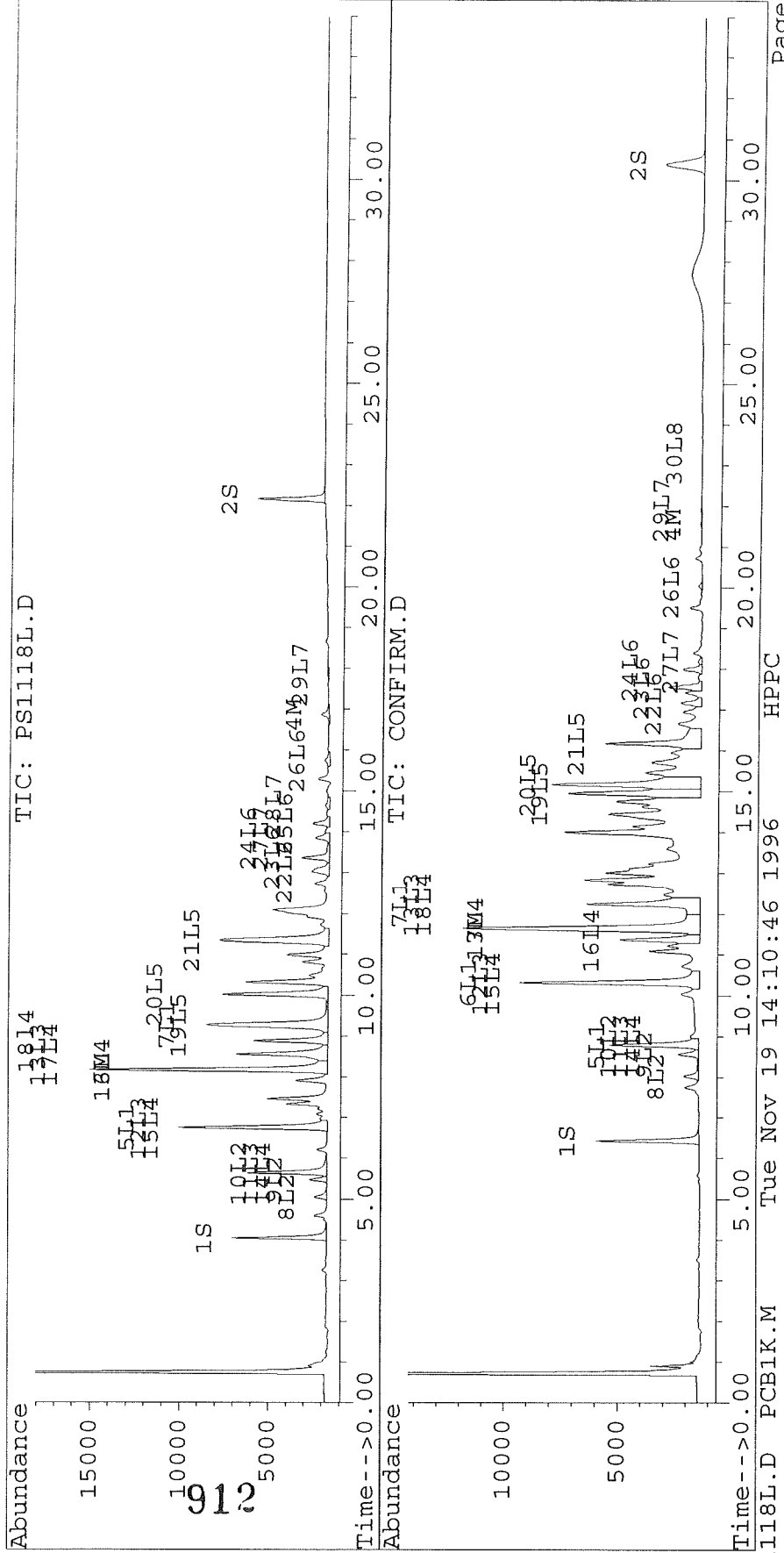
911

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118L.D Vial: 6
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118L.D\CONFIRM.D
 Acq On : 19 Nov 96 01:33 PM Operator: JS
 Sample : AR1242 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 19 14:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\18NOV96\PS1118M.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118M.D\CONFIRM.D
 Acq On : 19 Nov 96 02:11 PM
 Sample : PCB COGENERATORS 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 14:47 1996

Vial: 7
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5695	4726	22.845	24.204
			Recovery	=	57.11%	60.51%
2) S Decachlorobiphenyl	22.16	30.38	3856	1758	18.953	18.095
			Recovery	=	47.38%	45.24%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.67	27662	25828	255.988	266.845
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	48917	43975	261.588	260.149
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.03	8.01	45	41	6.391	6.713
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			45	41	6.391	6.713
Average Aroclor-1221					6.391	6.713
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}	8.17	0.00	27662	0	428.661	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.67	0	25828	N.D.	511.315 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			27662	25828	428.661	511.315
Average Aroclor-1242					428.661	511.315
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118M.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118M.D\CONFIRM.D
 Acq On : 19 Nov 96 02:11 PM
 Sample : PCB COGENERATORS 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 14:47 1996

Vial: 7
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.35	16.19	14	66	0.445	4.278 #
Total Aroclor-1248			14	66	0.445	4.278
Average Aroclor-1248					0.445	4.278
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}	13.84	0.00	139	0	4.133	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			139	0	4.133	N.D.
Average Aroclor-1254					4.133	0.000
27) L7 Aroclor-1260	13.84	0.00	139	0	4.013	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			139	0	4.013	N.D.
Average Aroclor-1260					4.013	0.000
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	18.97f	0.00	21	0	NoCal	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

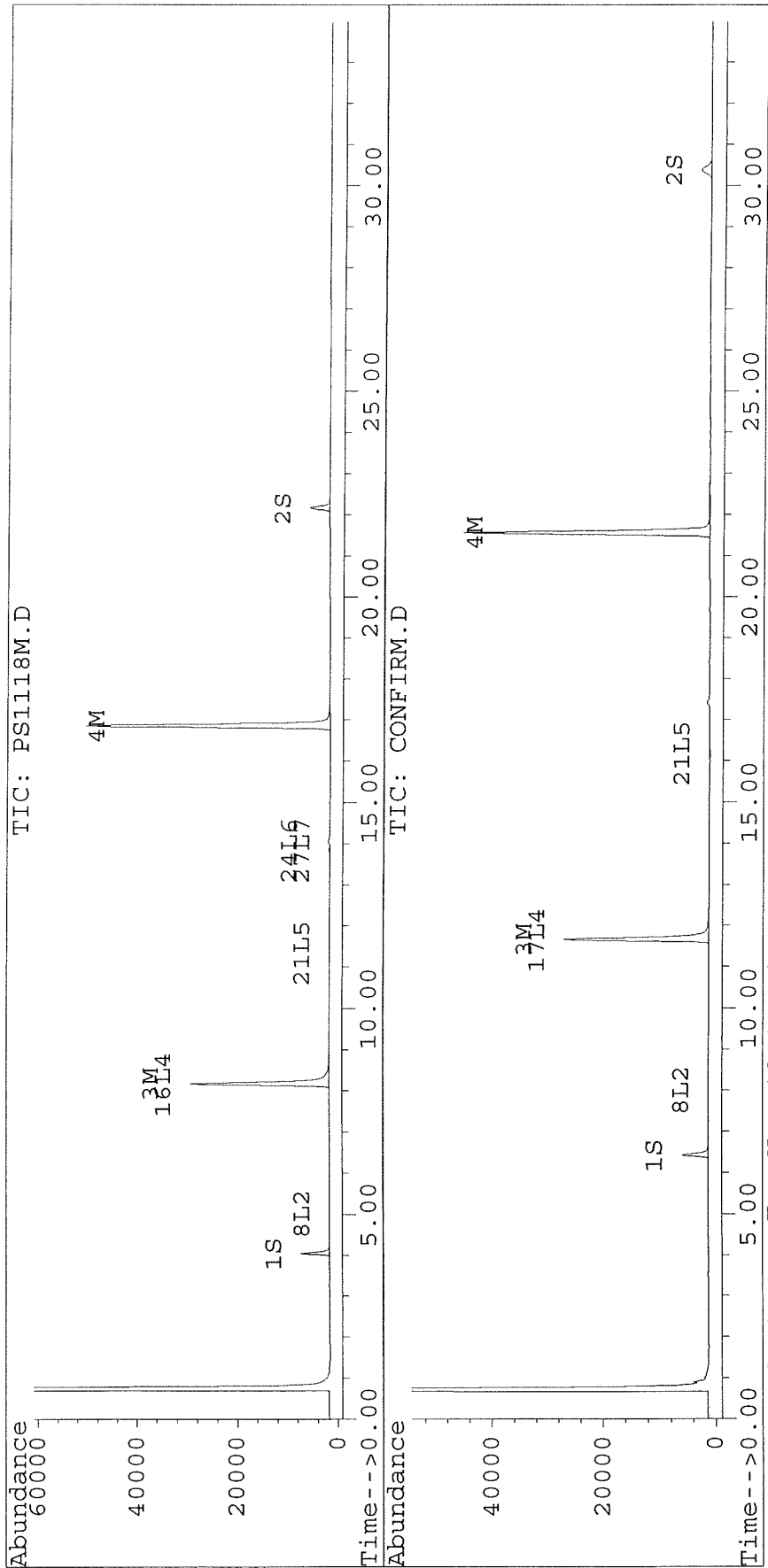
914

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118M.D Vial: 7
Signal #2 : D:\HPCHEM\5\18NOV96\PS1118M.D\CONFIRM.D
Acq On : 19 Nov 96 02:11 PM Operator: JS
Sample : PCB COGENERS 0.25 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 19 14:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\18NOV96\995-22MA.D Vial: 32
 Signal #2 : D:\HPCHEM\5\18NOV96\995-22MA.D\CONFIRM.D
 Acq On : 19 Nov 96 06:12 PM Operator: JS
 Sample : VHB / PD1 2X DILUTION Inst : ECD1
 Misc : 15.2G/25ML 95% SOLID 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 19 18:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1KE.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:04:52 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.44	3878	3214	15.556	16.462
			Recovery	=	38.89%	41.15%
2) S Decachlorobiphenyl	22.16	30.38	2867	1440	14.092	14.827
			Recovery	=	35.23%	37.07%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.67	43360	39848	401.263	411.692
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	70132	64206	375.038	379.835
5) L1 Aroclor-1016	6.77	8.76f	86	64	2.696	5.019 #
6) L1 Aroclor-1016 {2}	8.87	10.32	111	56	6.536	1.988 #
7) L1 Aroclor-1016 {3}	9.26	0.00	95	0	3.690	N.D. #
Total Aroclor-1016			293	120	12.922	7.007
Average Aroclor-1016					4.307	3.504
8) L2 Aroclor-1221	5.04	8.01	120	128	17.134	20.987
9) L2 Aroclor-1221 {2}	0.00	8.56	0	175	N.D.	35.795 #
10) L2 Aroclor-1221 {3}	5.62	8.76f	218	64	10.801	4.162 #
Total Aroclor-1221			338	367	27.934	60.945
Average Aroclor-1221					13.967	20.315
11) L3 Aroclor-1232	5.62	8.76f	218	64	11.965	4.459 #
12) L3 Aroclor-1232 {2}	6.77	10.32	86	56	6.328	4.663 #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			305	120	18.293	9.122
Average Aroclor-1232					9.147	4.561
14) L4 Aroclor-1242	5.62	8.76f	218	64	9.178	3.376 #
15) L4 Aroclor-1242 {2}	6.77	10.32	86	56	2.040	1.510 #
16) L4 Aroclor-1242 {3}	8.17	11.36	43360	34	671.930	2.126 #
17) L4 Aroclor-1242 (4)	0.00	11.67	0	39848	N.D.	788.864 #
18) L4 Aroclor-1242 (5)	8.87	0.00	111	0	5.006	N.D. #
Total Aroclor-1242			43776	40001	688.154	795.876
Average Aroclor-1242					172.038	198.969
19) L5 Aroclor-1248	9.26	14.95	95	38	3.379	1.908 #
20) L5 Aroclor-1248 {2}	10.02	15.18	67	78	2.843	3.773 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\995-22MA.D Vial: 32
 Signal #2 : D:\HPCHEM\5\18NOV96\995-22MA.D\CONFIRM.D
 Acq On : 19 Nov 96 06:12 PM Operator: JS
 Sample : VHB / PD1 2X DILUTION Inst : ECD1
 Misc : 15.2G/25ML 95% SOLID 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 19 18:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1KE.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:04:52 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.31	16.17	109	100	3.595	6.483 #
Total Aroclor-1248			271	216	9.817	12.163
Average Aroclor-1248					3.272	4.054
22) L6 Aroclor-1254	0.00	17.17	0	66	N.D.	2.113 #
23) L6 Aroclor-1254 {2}	13.36	0.00	141	0	1.956	N.D. #
24) L6 Aroclor-1254 {3}	13.84	17.98	295	82	8.773	1.889 #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	15.75	20.08	68	253	1.271	5.770 #
Total Aroclor-1254			504	401	12.000	9.772
Average Aroclor-1254					4.000	3.257
27) L7 Aroclor-1260	13.84	18.20	295	87	8.519	2.673 #
28) L7 Aroclor-1260 {2}	14.61	0.00	110	0	2.772	N.D. #
29) L7 Aroclor-1260 {3}	17.84	0.00	66	0	1.200	N.D. #
Total Aroclor-1260			471	87	12.490	2.673
Average Aroclor-1260					4.163	2.673
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	18.97f	0.00	126	0	NoCal	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 : D:\HPCHEM\5\18NOV96\995-22DA.D Vial: 33
 Signal #2 : D:\HPCHEM\5\18NOV96\995-22DA.D\CONFIRM.D
 Acq On : 19 Nov 96 06:52 PM Operator: JS
 Sample : VHB / PD1 2X DILUTION Inst : ECD1
 Misc : 15.4G/25ML 95% SOLID 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 19 19:31 1996

Method : C:\HPCHEM\5\METHODS\PCB1KE.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:04:52 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.44	4249	3774	17.044	19.325
			Recovery	=	42.61%	48.31%
2) S Decachlorobiphenyl	22.16	30.38	3257	1811	16.009	18.645
			Recovery	=	40.02%	46.61%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.67	51147	46916	473.324	484.719
4) M 2,2',3,3',4,4'-Hexa	16.86	21.55	81481	75015	435.723	443.781
5) L1 Aroclor-1016	6.76	8.75f	220	206	6.854	16.167 #
6) L1 Aroclor-1016 {2}	8.87	0.00	288	0	16.946	N.D. #
7) L1 Aroclor-1016 {3}	9.24f	12.30f	362	306	14.018	18.035 #
Total Aroclor-1016			869	512	37.817	34.202
Average Aroclor-1016					12.606	17.101
8) L2 Aroclor-1221	5.05	8.01	189	265	26.944	43.310 #
9) L2 Aroclor-1221 {2}	5.51f	8.56	210	373	36.063	76.545 #
10) L2 Aroclor-1221 {3}	5.62	8.75f	372	206	18.426	13.406 #
Total Aroclor-1221			772	844	81.433	133.261
Average Aroclor-1221					27.144	44.420
11) L3 Aroclor-1232	5.62	8.75f	372	206	20.411	14.362 #
12) L3 Aroclor-1232 {2}	6.76	0.00	220	0	16.089	N.D. #
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			592	206	36.501	14.362
Average Aroclor-1232					18.250	14.362
14) L4 Aroclor-1242	5.62	8.75f	372	206	15.658	10.873 #
15) L4 Aroclor-1242 {2}	6.76	0.00	220	0	5.185	N.D. #
16) L4 Aroclor-1242 {3}	8.17	11.35f	51147	219	792.598	13.728 #
17) L4 Aroclor-1242 (4)	0.00	11.67	0	46916	N.D.	928.795 #
18) L4 Aroclor-1242 (5)	8.87	12.30f	288	306	12.980	13.749
Total Aroclor-1242			52027	47646	826.422	967.145
Average Aroclor-1242					206.605	241.786
19) L5 Aroclor-1248	9.24	14.94	362	116	12.834	5.780 #
20) L5 Aroclor-1248 {2}	10.02	15.2	304	225	12.932	10.929

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\995-22DA.D Vial: 33
 Signal #2 : D:\HPCHEM\5\18NOV96\995-22DA.D\CONFIRM.D
 Acq On : 19 Nov 96 06:52 PM Operator: JS
 Sample : VHB / PD1 2X DILUTION Inst : ECD1
 Misc : 15.4G/25ML 95% SOLID 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 19 19:31 1996

Method : C:\HPCHEM\5\METHODS\PCB1KE.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:04:52 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.32	16.18	324	91	10.660	5.860 #
Total Aroclor-1248			990	432	36.426	22.569
Average Aroclor-1248					12.142	7.523
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	13.36	0.00	373	0	5.181	N.D. #
24) L6 Aroclor-1254 {3}	13.84	17.99	457	128	13.603	2.934 #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	15.75	20.07	166	979	3.086	22.326 #
Total Aroclor-1254			996	1107	21.870	25.260
Average Aroclor-1254					7.290	12.630
27) L7 Aroclor-1260	13.84	18.20	457	226	13.208	6.958 #
28) L7 Aroclor-1260 {2}	14.62	0.00	301	0	7.580	N.D. #
29) L7 Aroclor-1260 {3}	17.85	0.00	509	0	9.209	N.D. #
Total Aroclor-1260			1266	226	29.996	6.958
Average Aroclor-1260					9.999	6.958
30) L8 Aroclor-1268	0.00	23.31	0	673	N.D.	156.672 #
31) L8 Aroclor-1268 {2}	0.00	23.50	0	588	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	28.11	0	431	N.D.	NoCal
Total Aroclor-1268			0	673	N.D.	156.672
Average Aroclor-1268					0.000	156.672

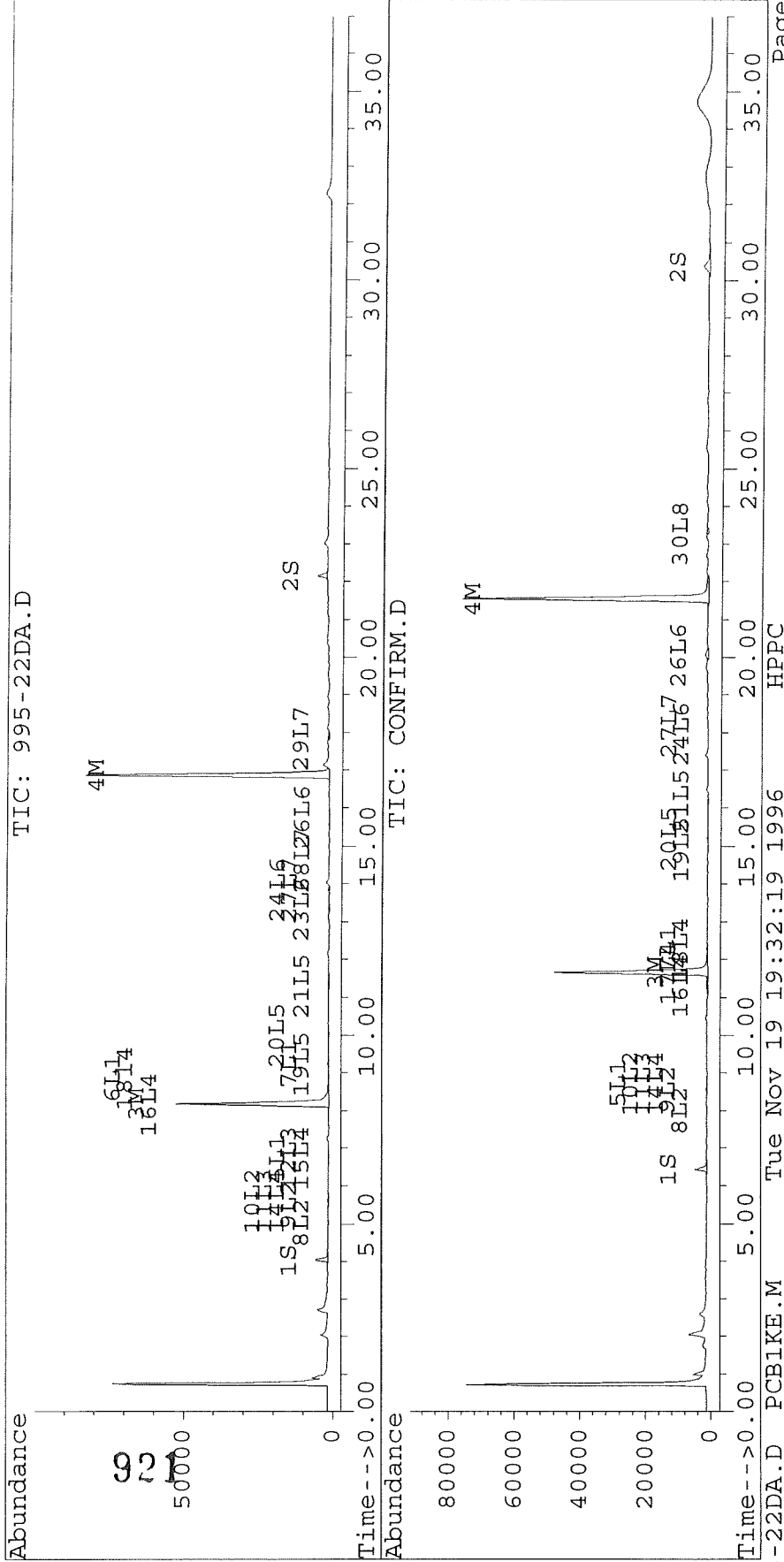
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Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\995-22DA.D Vial: 33
 Signal #2 : D:\HPCHEM\5\18NOV96\995-22DA.D\CONFIRM.D
 Acq On : 19 Nov 96 06:52 PM Operator: JS
 Sample : VHB / PD1 2X DILUTION Inst : ECD1
 Misc : 15.4G/25ML 95% SOLID 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 19 19:31 1996

Method : C:\HPCHEM\5\METHODS\PCB1KE.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:04:52 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\18NOV96\PS1118N.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118N.D\CONFIRM.D
 Acq On : 19 Nov 96 09:34 PM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 22:13 1996

Vial: 5
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1KE.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:04:52 1996
 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	4.04	6.43	5705	4682	22.886	23.975
			Recovery	=	57.22%	59.94%
2) S Decachlorobiphenyl	22.16	30.38	3937	1875	19.350	19.308
			Recovery	=	48.38%	48.27%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	325	266	3.012	2.744
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	3637	2740	19.449	16.211
5) L1 Aroclor-1016	6.76	8.81	196	67	6.107	5.301
6) L1 Aroclor-1016 {2}	8.88	10.32	104	175	6.092	6.201
7) L1 Aroclor-1016 {3}	9.23f	12.26	6322	97	245.022	5.741 #
Total Aroclor-1016			6622	340	257.221	17.244
Average Aroclor-1016					85.740	5.748
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.64	8.81	73	67	3.591	4.396
Total Aroclor-1221			73	67	3.591	4.396
Average Aroclor-1221					3.591	4.396
11) L3 Aroclor-1232	5.64	8.81	73	67	3.978	4.709
12) L3 Aroclor-1232 {2}	6.76	10.32	196	175	14.337	14.547
13) L3 Aroclor-1232 {3}	8.55	12.26	122	97	14.759	14.036
Total Aroclor-1232			390	340	33.074	33.292
Average Aroclor-1232					11.025	11.097
14) L4 Aroclor-1242	5.64	8.81	73	67	3.052	3.565
15) L4 Aroclor-1242 {2}	6.76	10.32	196	175	4.620	4.709
16) L4 Aroclor-1242 {3}	8.17	11.38	325	62	5.043	3.887
17) L4 Aroclor-1242 (4)	8.55	11.65	122	266	4.530	5.258
18) L4 Aroclor-1242 (5)	8.88	12.26	104	97	4.667	4.377
Total Aroclor-1242			819	667	21.912	21.797
Average Aroclor-1242					4.382	4.359
19) L5 Aroclor-1248	9.23	14.95	6322	3860	224.333	192.526
20) L5 Aroclor-1248 {2}	10.01	15.17	3095	1218	131.736	59.050 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118N.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118N.D\CONFIRM.D
 Acq On : 19 Nov 96 09:34 PM
 Sample : AR1254\1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 22:13 1996

Vial: 5
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1KE.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:04:52 1996
 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
21) L5 Aroclor-1248 {3}	11.30f	16.18	11461	814	376.515	52.588 #
Total Aroclor-1248			20878	5892	732.584	304.164
Average Aroclor-1248					244.195	101.388
22) L6 Aroclor-1254	13.02	17.17	7377	6576	212.732	210.457
23) L6 Aroclor-1254 {2}	13.36	17.55	15530	14804	215.783	214.427
24) L6 Aroclor-1254 {3}	13.85	17.99	7164	8956	213.238	205.564
25) L6 Aroclor-1254 (4)	14.20	18.50	9573	5796	204.631	206.599
26) L6 Aroclor-1254 (5)	15.74	20.04	11281	9057	209.271	206.576
Total Aroclor-1254			50925	45189	1055.655	1043.624
Average Aroclor-1254					211.131	208.725
27) L7 Aroclor-1260	13.85	18.19	7164	5463	207.051	168.163
28) L7 Aroclor-1260 {2}	14.64	18.50	6319	5796	159.251	157.718
29) L7 Aroclor-1260 {3}	17.84	21.92	1533	1539	27.757	28.416
Total Aroclor-1260			15017	12798	394.060	354.298
Average Aroclor-1260					131.353	118.099
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	28.12	0	112	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

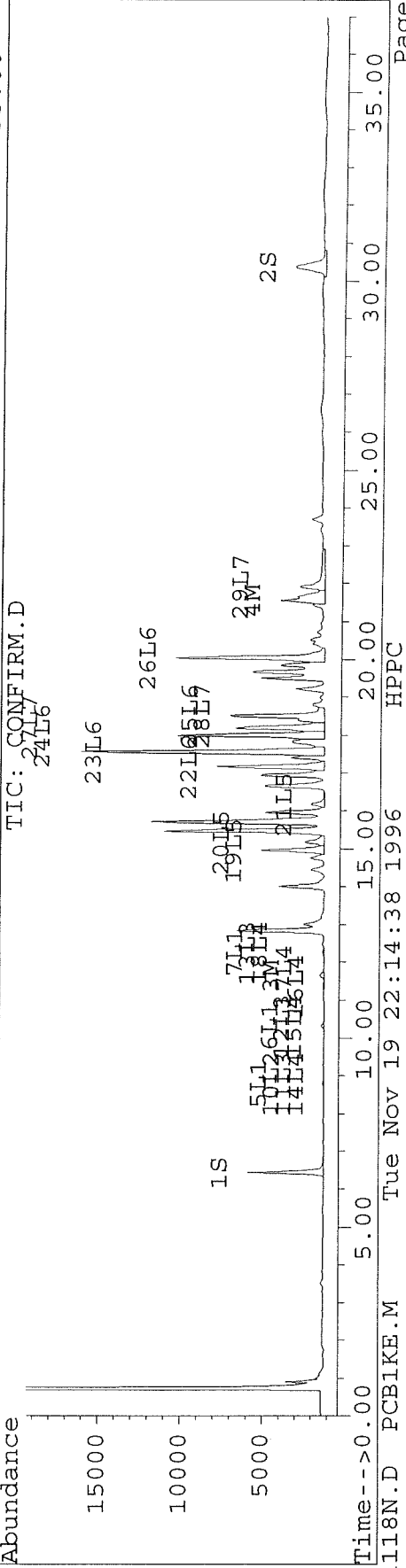
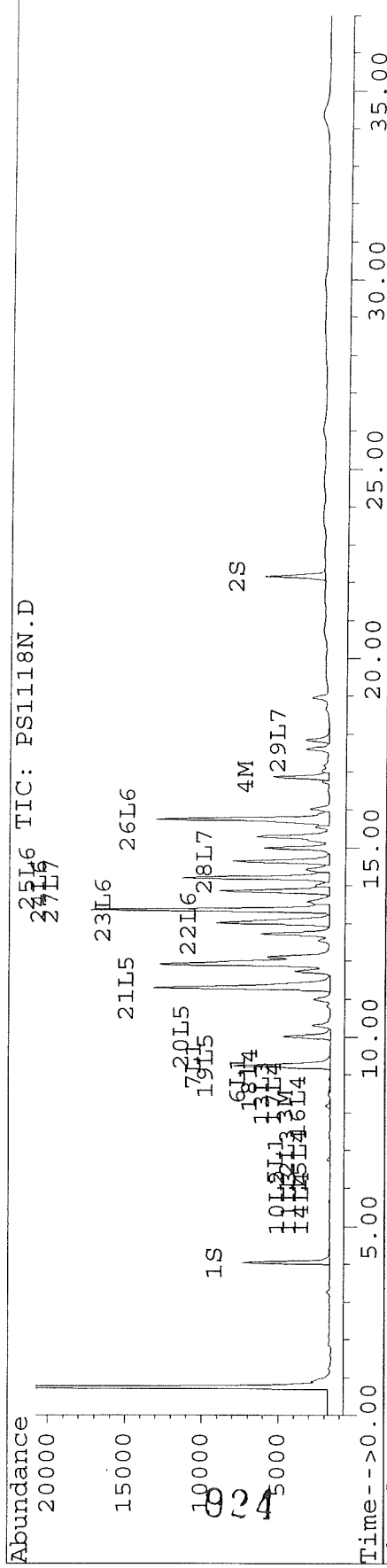
923

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118N.D Vial: 5
Signal #2 : D:\HPCHEM\5\18NOV96\PS1118N.D\CONFIRM.D
Acq On : 19 Nov 96 09:34 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 19 22:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1KE.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:04:52 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\18NOV96\PS11180.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS11180.D\CONFIRM.D
 Acq On : 19 Nov 96 10:15 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 22:51 1996

Vial: 6
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5902	4820	23.678	24.683
			Recovery	=	59.20%	61.71%
2) S Decachlorobiphenyl	22.16	30.38	3973	1876	19.527	19.318
			Recovery	=	48.82%	48.30%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	14279	10550	132.141	109.003
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	483	319	2.581	1.886 #
5) L1 Aroclor-1016	6.75	8.79	8768	4049	273.655	318.067
6) L1 Aroclor-1016 {2}	8.88	10.32	4443	7830	261.219	277.824
7) L1 Aroclor-1016 {3}	9.27	12.25	7141	4575	276.743	269.903
Total Aroclor-1016			20351	16454	811.617	865.795
Average Aroclor-1016					270.539	288.598
8) L2 Aroclor-1221	5.05	8.03	757	667	108.050	109.027
9) L2 Aroclor-1221 {2}	5.47	8.57	1034	896	177.281	183.692
10) L2 Aroclor-1221 {3}	5.64	8.79	4785	4049	236.786	263.749
Total Aroclor-1221			6576	5612	522.117	556.468
Average Aroclor-1221					174.039	185.489
11) L3 Aroclor-1232	5.64	8.79	4785	4049	262.302	282.554
12) L3 Aroclor-1232 {2}	6.75	10.32	8768	7830	642.435	651.742
13) L3 Aroclor-1232 {3}	8.55	12.25	5436	4575	656.760	659.814
Total Aroclor-1232			18989	16454	1561.497	1594.111
Average Aroclor-1232					520.499	531.370
14) L4 Aroclor-1242	5.64	8.79	4785	4049	201.221	213.912
15) L4 Aroclor-1242 {2}	6.75	10.32	8768	7830	207.044	210.997
16) L4 Aroclor-1242 {3}	8.17	11.38	14279	3380	221.275	212.364
17) L4 Aroclor-1242 (4)	8.55	11.65	5436	10550	201.573	208.866
18) L4 Aroclor-1242 (5)	8.88	12.25	4443	4575	200.088	205.763
Total Aroclor-1242			37711	30385	1031.200	1051.903
Average Aroclor-1242					206.240	210.381
19) L5 Aroclor-1248	9.27	14.95	7141	4357	253.376	217.275
20) L5 Aroclor-1248 {2}	10.01	15.17	6220	5038	264.732	244.193

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS11180.D Vial: 6
 Signal #2 : D:\HPCHEM\5\18NOV96\PS11180.D\CONFIRM.D
 Acq On : 19 Nov 96 10:15 PM Operator: JS
 Sample : AR1242 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 19 22:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.34	16.18	6504	3707	213.659	239.571
Total Aroclor-1248			19864	13102	731.767	701.039
Average Aroclor-1248					243.922	233.680
22) L6 Aroclor-1254	13.03	17.17	1075	851	30.987	27.242
23) L6 Aroclor-1254 {2}	13.36	17.56	1675	1512	23.275	21.902
24) L6 Aroclor-1254 {3}	13.85	17.99	916	886	27.259	20.334 #
25) L6 Aroclor-1254 (4)	14.20	0.00	1076	0	23.005	N.D. #
26) L6 Aroclor-1254 (5)	15.75	20.05	358	206	6.633	4.704 #
Total Aroclor-1254			5099	3456	111.159	74.182
Average Aroclor-1254					22.232	18.546
27) L7 Aroclor-1260	13.85	18.19	916	150	26.468	4.611 #
28) L7 Aroclor-1260 {2}	14.64	0.00	318	0	8.013	N.D. #
29) L7 Aroclor-1260 {3}	17.85	21.91	45	268	0.822	4.950 #
Total Aroclor-1260			1279	418	35.303	9.560
Average Aroclor-1260					11.768	4.780
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 : D:\HPCHEM\5\18NOV96\PS1118P.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118P.D\CONFIRM.D
 Acq On : 19 Nov 96 10:53 PM
 Sample : PCB COGENERATORS 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 23:28 1996

Vial: 7

Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.44	5077	4398	20.365	22.520
			Recovery	=	50.91%	56.30%
2) S Decachlorobiphenyl	22.16	30.38	3660	1780	17.988	18.327
			Recovery	=	44.97%	45.82%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.67	26577	25043	245.950	258.738
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	47108	42160	251.914	249.417
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.04	8.01	42	37	5.999	6.066
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			42	37	5.999	6.066
Average Aroclor-1221					5.999	6.066
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}	8.17	0.00	26577	0	411.853	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.67	0	25043	N.D.	495.782 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			26577	25043	411.853	495.782
Average Aroclor-1242					411.853	495.782
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	15.18	0	212	N.D.	10.286 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118P.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118P.D\CONFIRM.D
 Acq On : 19 Nov 96 10:53 PM
 Sample : PCB COGENERES 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 19 23:28 1996

Vial: 7
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	212	N.D.	10.286
Average Aroclor-1248					0.000	10.286
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}	13.84	0.00	145	0	4.326	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			145	0	4.326	N.D.
Average Aroclor-1254					4.326	0.000
27) L7 Aroclor-1260	13.84	0.00	145	0	4.201	N.D. #
28) L7 Aroclor-1260 {2}	14.60f	0.00	15	0	0.385	N.D. #
29) L7 Aroclor-1260 {3}	17.85	0.00	21	0	0.382	N.D. #
Total Aroclor-1260			182	0	4.968	N.D.
Average Aroclor-1260					1.656	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

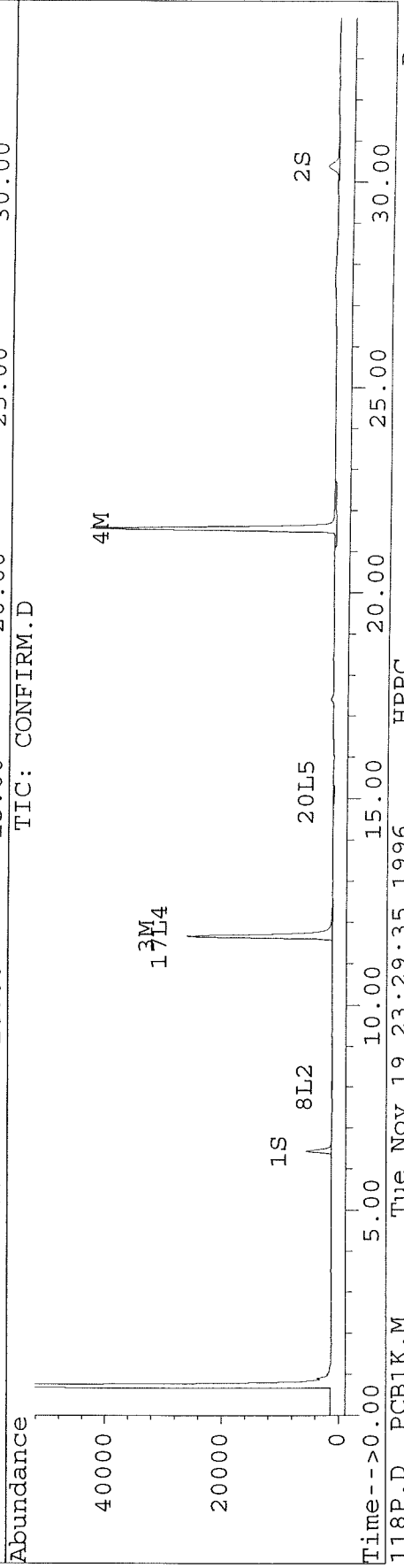
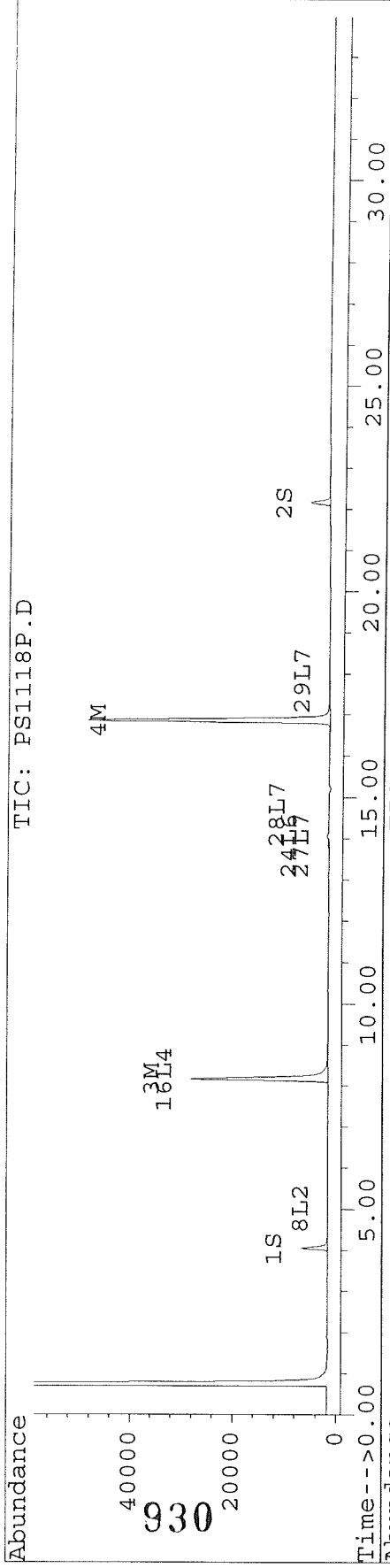
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Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118P.D Vial: 7
Signal #2 : D:\HPCHEM\5\18NOV96\PS1118P.D\CONFIRM.D
Acq On : 19 Nov 96 10:53 PM Operator: JS
Sample : PCB COGENERS 0.25 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 19 23:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
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 : D:\HPCHEM\5\18NOV96\PS1118Q.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118Q.D\CONFIRM.D
 Acq On : 20 Nov 96 01:32 AM
 Sample : AR1254\1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 20 2:11 1996

Vial: 5
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1KE.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:04:52 1996
 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	4.04	6.43	5898	4782	23.662	24.488
			Recovery	=	59.16%	61.22%
2) S Decachlorobiphenyl	22.16	30.38	3783	1807	18.595	18.602
			Recovery	=	46.49%	46.51%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	325	346	3.010	3.576
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	3625	2732	19.387	16.159
5) L1 Aroclor-1016	6.76	8.80	194	63	6.063	4.980
6) L1 Aroclor-1016 {2}	8.88	10.32	101	181	5.960	6.429
7) L1 Aroclor-1016 {3}	9.23f	12.26	6360	261	246.490	15.390 #
Total Aroclor-1016			6656	505	258.513	26.799
Average Aroclor-1016					86.171	8.933
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.64	8.80	73	63	3.613	4.130
Total Aroclor-1221			73	63	3.613	4.130
Average Aroclor-1221					3.613	4.130
11) L3 Aroclor-1232	5.64	8.80	73	63	4.002	4.424
12) L3 Aroclor-1232 {2}	6.76	10.32	194	181	14.235	15.081
13) L3 Aroclor-1232 {3}	8.55	12.26	122	261	14.772	37.622 #
Total Aroclor-1232			390	505	33.009	57.128
Average Aroclor-1232					11.003	19.043
14) L4 Aroclor-1242	5.64	8.80	73	63	3.070	3.349
15) L4 Aroclor-1242 {2}	6.76	10.32	194	181	4.588	4.882
16) L4 Aroclor-1242 {3}	8.17	11.38	325	146	5.040	9.176 #
17) L4 Aroclor-1242 (4)	8.55	11.65	122	346	4.534	6.852 #
18) L4 Aroclor-1242 (5)	8.88	12.26	101	261	4.565	11.733 #
Total Aroclor-1242			816	998	21.797	35.992
Average Aroclor-1242					4.359	7.198
19) L5 Aroclor-1248	9.23	14.95	6360	3803	225.677	189.649
20) L5 Aroclor-1248 {2}	10.01	15.17	3116	1228	132.605	59.526 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118Q.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118Q.D\CONFIRM.D
 Acq On : 20 Nov 96 01:32 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 20 2:11 1996

Vial: 5
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1KE.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:04:52 1996
 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
21) L5 Aroclor-1248 {3}	11.29f	16.18	11380	828	373.850	53.496 #
Total Aroclor-1248			20855	5859	732.131	302.671
Average Aroclor-1248					244.044	100.890
22) L6 Aroclor-1254	13.02	17.17	7253	6643	209.156	212.601
23) L6 Aroclor-1254 {2}	13.36	17.56	15327	14741	212.964	213.504
24) L6 Aroclor-1254 {3}	13.85	17.99	7160	8744	213.096	200.696
25) L6 Aroclor-1254 (4)	14.20	18.50	9228	5826	197.249	207.667
26) L6 Aroclor-1254 (5)	15.74	20.04	11206	8994	207.875	205.151
Total Aroclor-1254			50173	44948	1040.338	1039.619
Average Aroclor-1254					208.068	207.924
27) L7 Aroclor-1260	13.85	18.19	7160	5484	206.913	168.796
28) L7 Aroclor-1260 {2}	14.64	18.50	6235	5826	157.124	158.534
29) L7 Aroclor-1260 {3}	17.84	21.92	1475	1528	26.700	28.220
Total Aroclor-1260			14869	12837	390.737	355.550
Average Aroclor-1260					130.246	118.517
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

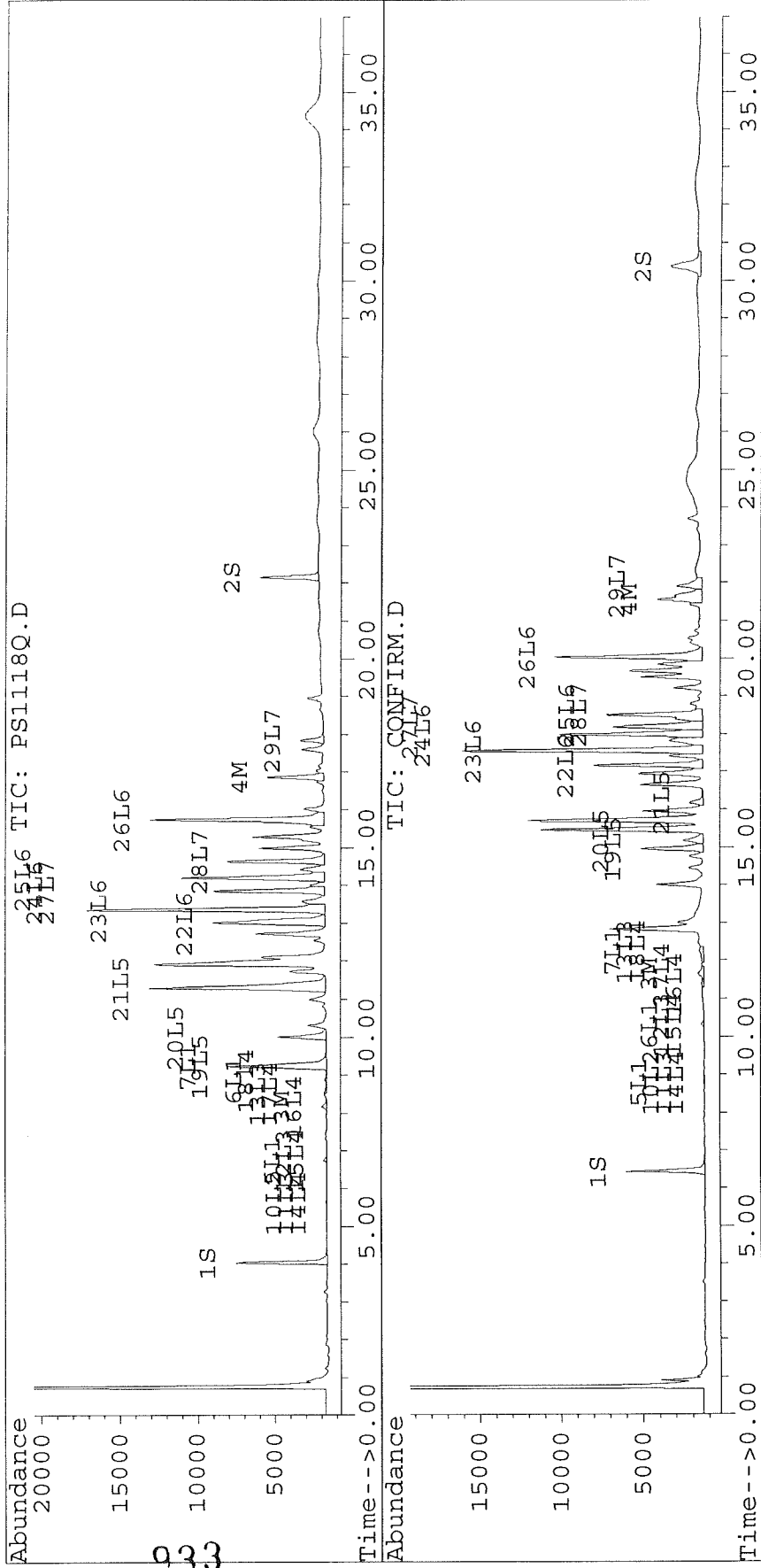
932

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118Q.D Vial: 5
Signal #2 : D:\HPCHEM\5\18NOV96\PS1118Q.D\CONFIRM.D
Acq On : 20 Nov 96 01:32 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 20 2:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1KE.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:04:52 1996
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 : D:\HPCHEM\5\18NOV96\PS1118R.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118R.D\CONFIRM.D
 Acq On : 20 Nov 96 02:13 AM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 20 2:49 1996

Vial: 6
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5634	4620	22.603	23.661
			Recovery	=	56.51%	59.15%
2) S Decachlorobiphenyl	22.16	30.38	4031	1933	19.813	19.902
			Recovery	=	49.53%	49.76%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	13854	10330	128.208	106.731
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	437	344	2.335	2.037
5) L1 Aroclor-1016	6.75	8.79	8548	3948	266.797	310.165
6) L1 Aroclor-1016 {2}	8.88	10.32	4363	7691	256.541	272.898
7) L1 Aroclor-1016 {3}	9.27	12.25	6992	4475	270.993	263.996
Total Aroclor-1016			19904	16115	794.331	847.058
Average Aroclor-1016					264.777	282.353
8) L2 Aroclor-1221	5.05	8.03	735	643	104.936	105.079
9) L2 Aroclor-1221 {2}	5.47	8.57	1005	872	172.279	178.760
10) L2 Aroclor-1221 {3}	5.64	8.79	4606	3948	227.972	257.196
Total Aroclor-1221			6347	5463	505.187	541.034
Average Aroclor-1221					168.396	180.345
11) L3 Aroclor-1232	5.64	8.79	4606	3948	252.537	275.534
12) L3 Aroclor-1232 {2}	6.75	10.32	8548	7691	626.334	640.185
13) L3 Aroclor-1232 {3}	8.55	12.25	5313	4475	641.866	645.373
Total Aroclor-1232			18467	16115	1520.737	1561.093
Average Aroclor-1232					506.912	520.364
14) L4 Aroclor-1242	5.64	8.79	4606	3948	193.730	208.597
15) L4 Aroclor-1242 {2}	6.75	10.32	8548	7691	201.855	207.256
16) L4 Aroclor-1242 {3}	8.17	11.38	13854	3303	214.690	207.491
17) L4 Aroclor-1242 (4)	8.55	11.65	5313	10330	197.002	204.513
18) L4 Aroclor-1242 (5)	8.88	12.25	4363	4475	196.505	201.260
Total Aroclor-1242			36685	29748	1003.781	1029.117
Average Aroclor-1242					200.756	205.823
19) L5 Aroclor-1248	9.27	14.95	6992	4265	248.111	212.701
20) L5 Aroclor-1248 {2}	10.02	15.17	6100	4899	259.620	237.440

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Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118R.D Vial: 6
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118R.D\CONFIRM.D
 Acq On : 20 Nov 96 02:13 AM Operator: JS
 Sample : AR1242 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 20 2:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.35	16.17	6382	3620	209.677	233.949
Total Aroclor-1248			19475	12784	717.409	684.090
Average Aroclor-1248					239.136	228.030
22) L6 Aroclor-1254	13.03	17.17	1053	839	30.371	26.845
23) L6 Aroclor-1254 {2}	13.36	17.56	1654	1480	22.981	21.441
24) L6 Aroclor-1254 {3}	13.85	17.99	900	871	26.791	19.984 #
25) L6 Aroclor-1254 (4)	14.20	0.00	1060	0	22.649	N.D. #
26) L6 Aroclor-1254 (5)	15.75	20.04	344	215	6.386	4.908
Total Aroclor-1254			5011	3405	109.178	73.178
Average Aroclor-1254					21.836	18.294
27) L7 Aroclor-1260	13.85	18.19	900	147	26.014	4.537 #
28) L7 Aroclor-1260 {2}	14.64	0.00	322	0	8.121	N.D. #
29) L7 Aroclor-1260 {3}	17.85	21.91	34	300	0.619	5.547 #
Total Aroclor-1260			1257	448	34.753	10.083
Average Aroclor-1260					11.584	5.042
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

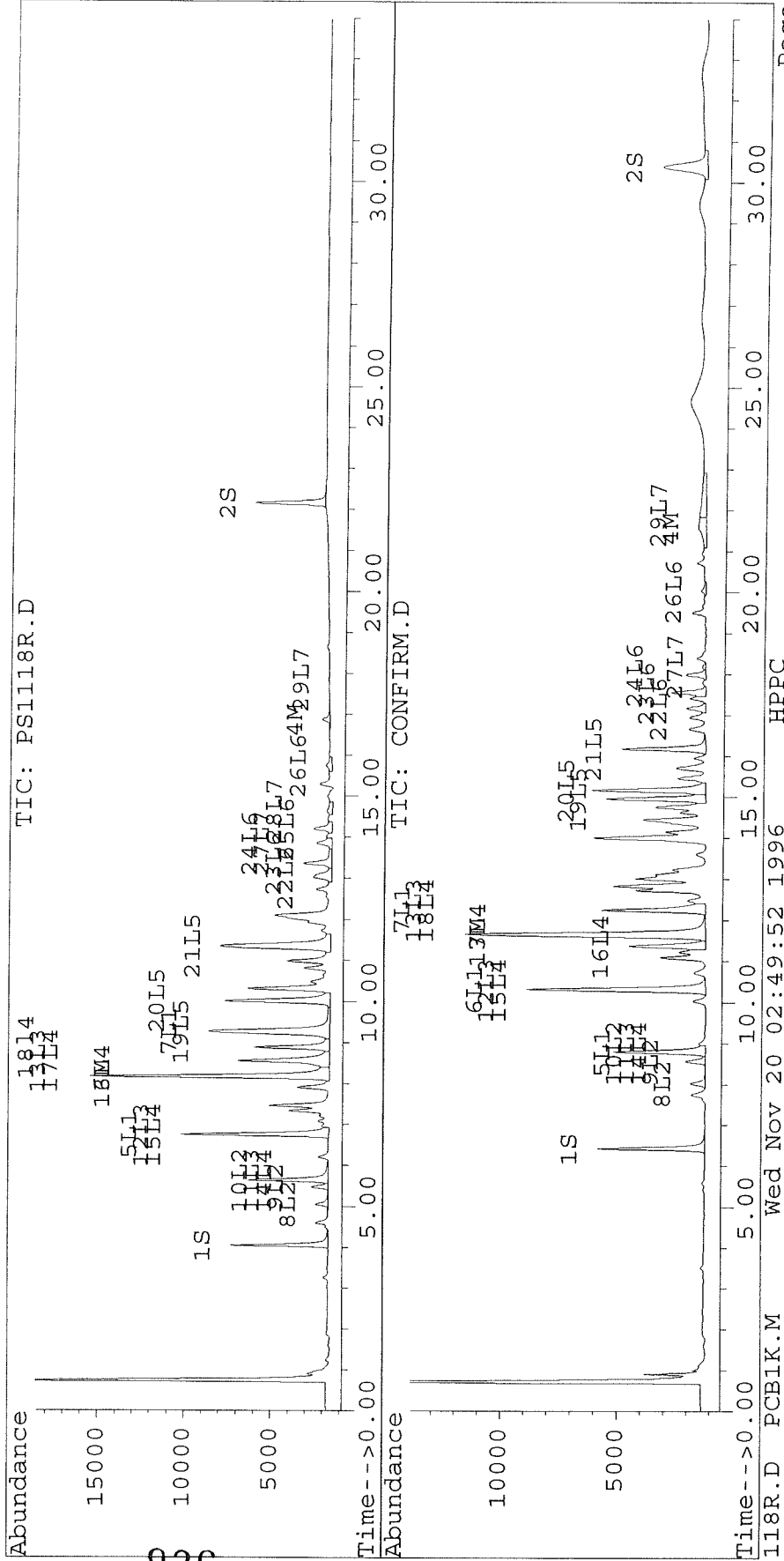
935

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118R.D Vial: 6
Signal #2 : D:\HPCHEM\5\18NOV96\PS1118R.D\CONFIRM.D
Acq On : 20 Nov 96 02:13 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 20 2:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
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



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Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118S.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118S.D\CONFIRM.D
 Acq On : 20 Nov 96 02:50 AM
 Sample : PCB COGENERES 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 20 3:26 1996

Vial: 7
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5767	4743	23.136	24.289
			Recovery	=	57.84%	60.72%
2) S Decachlorobiphenyl	22.16	30.37	3885	1834	19.098	18.880
			Recovery	=	47.75%	47.20%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.67	27872	26387	257.929	272.626
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	49257	44615	263.403	263.939
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.03	8.01	46	39	6.520	6.316
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			46	39	6.520	6.316
Average Aroclor-1221					6.520	6.316
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}	8.17	0.00	27872	0	431.911	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.67	0	26387	N.D.	522.394 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			27872	26387	431.911	522.394
Average Aroclor-1242					431.911	522.394
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	15.18	0	263	N.D.	12.725 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS1118S.D
 Signal #2 : D:\HPCHEM\5\18NOV96\PS1118S.D\CONFIRM.D
 Acq On : 20 Nov 96 02:50 AM
 Sample : PCB COGENERES 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 20 3:26 1996

Vial: 7
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.36	16.21	14	206	0.461	13.336 #
Total Aroclor-1248			14	469	0.461	26.061
Average Aroclor-1248					0.461	13.030
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}	13.84	17.99	267	23	7.946	0.535 #
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			267	23	7.946	0.535
Average Aroclor-1254					7.946	0.535
27) L7 Aroclor-1260	13.84	0.00	267	0	7.715	N.D. #
28) L7 Aroclor-1260 {2}	14.61f	0.00	256	0	6.455	N.D. #
29) L7 Aroclor-1260 {3}	17.84	0.00	175	0	3.176	N.D. #
Total Aroclor-1260			699	0	17.346	N.D.
Average Aroclor-1260					5.782	0.000
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	18.97f	0.00	107	0	NoCal	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

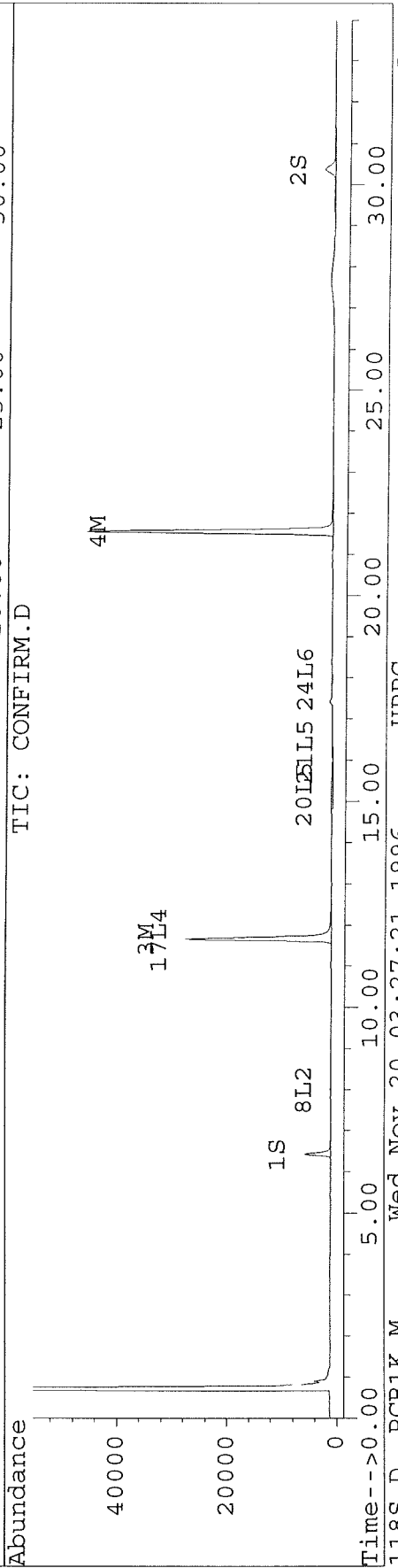
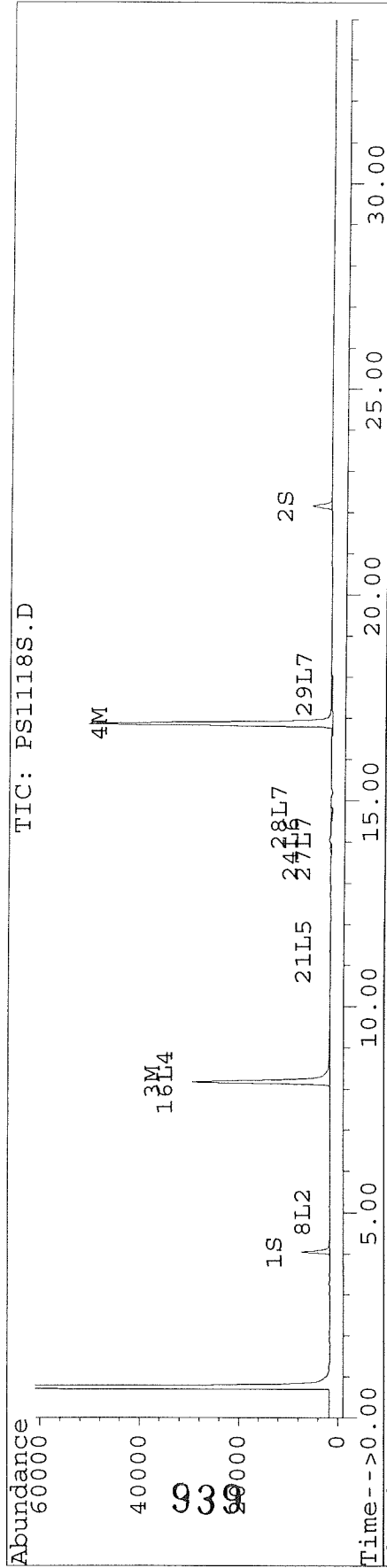
938

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\PS11118S.D Vial: 7
 Signal #2 : D:\HPCHEM\5\18NOV96\PS11118S.D\CONFIRM.D
 Acq On : 20 Nov 96 02:50 AM Operator: JS
 Sample : PCB COGENERS 0.25 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 20 3:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\18NOV96\QAQC1.D
 Signal #2 : D:\HPCHEM\5\18NOV96\QAQC1.D\CONFIRM.D
 Acq On : 20 Nov 96 03:28 AM
 Sample : AR1660 1.0 UG/ML
 Misc : PW961119C
 Quant Time: Nov 20 4:04 1996

Vial: 40
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	4763	3890	19.106	19.920
			Recovery	=	47.77%	49.80%
2) S Decachlorobiphenyl	22.16	30.38	3709	1691	18.230	17.414
			Recovery	=	45.58%	43.54%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	18245	13822	168.842	142.804
4) M 2,2',3,3',4,4'-Hexa	16.87	21.58	9884	2081	52.858	12.310 #
5) L1 Aroclor-1016	6.75	8.79	11220	4505	350.204	353.906
6) L1 Aroclor-1016 {2}	8.88	10.32	5799	10087	340.932	357.920
7) L1 Aroclor-1016 {3}	9.27	12.25	9168	5936	355.302	350.177
Total Aroclor-1016			26187	20529	1046.438	1062.003
Average Aroclor-1016					348.813	354.001
8) L2 Aroclor-1221	5.05	8.03	777	700	110.936	114.427
9) L2 Aroclor-1221 {2}	5.47	8.57	1080	949	185.067	194.487
10) L2 Aroclor-1221 {3}	5.64	8.79	5241	4505	259.385	293.466
Total Aroclor-1221			7098	6154	555.387	602.380
Average Aroclor-1221					185.129	200.793
11) L3 Aroclor-1232	5.64	8.79	5241	4505	287.335	314.391
12) L3 Aroclor-1232 {2}	6.75	10.32	11220	10087	822.143	839.638
13) L3 Aroclor-1232 {3}	8.55	12.25	6955	5936	840.175	856.055
Total Aroclor-1232			23416	20529	1949.652	2010.084
Average Aroclor-1232					649.884	670.028
14) L4 Aroclor-1242	5.64	8.79	5241	4505	220.425	238.015
15) L4 Aroclor-1242 {2}	6.75	10.32	11220	10087	264.961	271.827
16) L4 Aroclor-1242 {3}	8.17	11.38	18245	4378	282.732	275.089
17) L4 Aroclor-1242 (4)	8.55	11.65	6955	13822	257.867	273.634
18) L4 Aroclor-1242 (5)	8.88	12.25	5799	5936	261.146	266.961
Total Aroclor-1242			47460	38729	1287.130	1325.526
Average Aroclor-1242					257.426	265.105
19) L5 Aroclor-1248	9.27	14.96	9168	858	325.301	42.783 #
20) L5 Aroclor-1248 {2}	10.01	15.17	7410	1517	315.391	73.509 #

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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 QAQC1.D PCB1K.M Wed Nov 20 04:04:34 1996 HPPC Page 1

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\QAQC1.D
 Signal #2 : D:\HPCHEM\5\18NOV96\QAQC1.D\CONFIRM.D
 Acq On : 20 Nov 96 03:28 AM
 Sample : AR1660 1.0 UG/ML
 Misc : PW961119C
 Quant Time: Nov 20 4:04 1996

Vial: 40
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.29f	16.18	4840	260	159.021	16.775 #
Total Aroclor-1248			21418	2634	799.714	133.067
Average Aroclor-1248					266.571	44.356
22) L6 Aroclor-1254	0.00	17.17	0	803	N.D.	25.685 #
23) L6 Aroclor-1254 {2}	13.37	17.54	7458	6899	103.623	99.931
24) L6 Aroclor-1254 {3}	13.85	0.00	12282	0	365.560	N.D. #
25) L6 Aroclor-1254 (4)	14.22	18.50	1358	12813	29.033	456.744 #
26) L6 Aroclor-1254 (5)	15.74	20.04	13040	10730	241.899	244.738
Total Aroclor-1254			34138	31245	740.115	827.098
Average Aroclor-1254					185.029	206.774
27) L7 Aroclor-1260	13.85	18.18	12282	11643	354.955	358.379
28) L7 Aroclor-1260 {2}	14.64	18.50	13643	12813	343.821	348.679
29) L7 Aroclor-1260 {3}	17.84	21.91	18591	18427	336.586	340.330
Total Aroclor-1260			44516	42883	1035.362	1047.388
Average Aroclor-1260					345.121	349.129
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	0.00	23.54	0	2134	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	28.13f	0	724	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

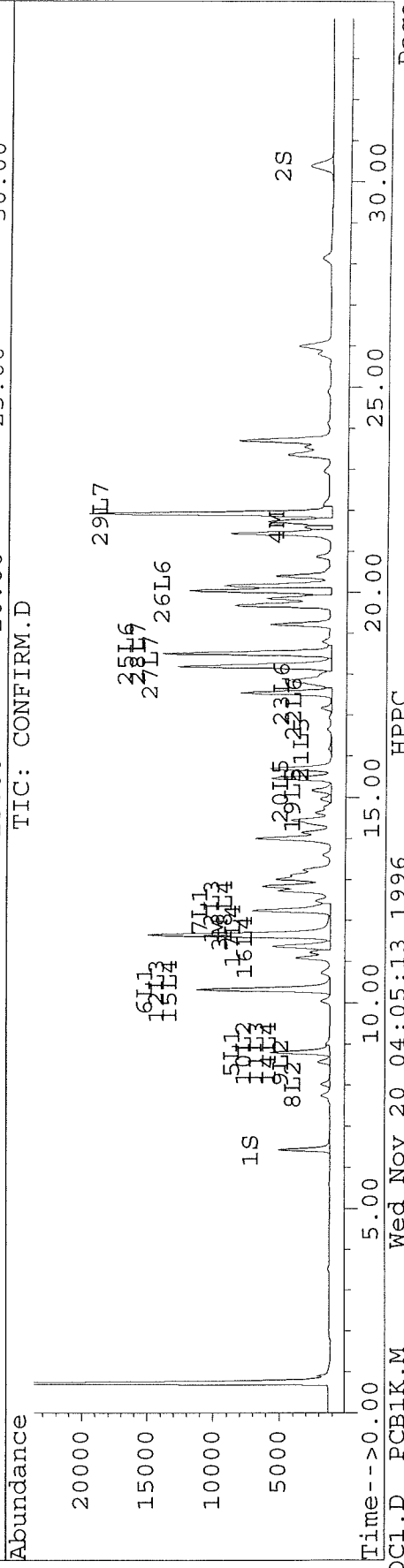
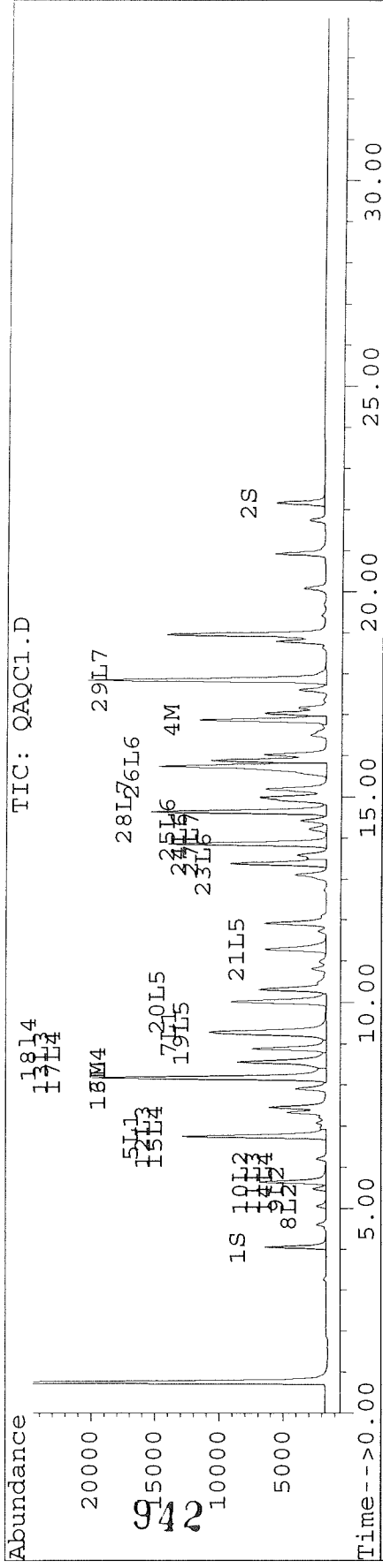
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Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\QAQC1.D Vial: 40
 Signal #2 : D:\HPCHEM\5\18NOV96\QAQC1.D\CONFIRM.D
 Acq On : 20 Nov 96 03:28 AM
 Sample : AR1660 1.0 UG/ML
 Misc : PW961119C
 Quant Time: Nov 20 4:04 1996
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCBIK.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\18NOV96\QAQC2.D
 Signal #2 : D:\HPCHEM\5\18NOV96\QAQC2.D\CONFIRM.D
 Acq On : 20 Nov 96 04:06 AM
 Sample : AR1254 1.0 UG/ML
 Misc : PW961119B
 Quant Time: Nov 20 4:42 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	4831	3973	19.381	20.348
			Recovery	=	48.45%	50.87%
2) S Decachlorobiphenyl	22.16	30.38	3788	1710	18.617	17.608
			Recovery	=	46.54%	44.02%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	305	241	2.822	2.489
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	3229	2514	17.269	14.874
5) L1 Aroclor-1016	6.76	8.80	189	61	5.914	4.768
6) L1 Aroclor-1016 {2}	8.89	10.32	97	170	5.717	6.050
7) L1 Aroclor-1016 {3}	9.24f	12.25	6182	78	239.600	4.620 #
Total Aroclor-1016			6469	310	251.231	15.438
Average Aroclor-1016					83.744	5.146
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.65	8.80	71	61	3.511	3.954
Total Aroclor-1221			71	61	3.511	3.954
Average Aroclor-1221					3.511	3.954
11) L3 Aroclor-1232	5.65	8.80	71	61	3.889	4.236
12) L3 Aroclor-1232 {2}	6.76	10.32	189	170	13.884	14.192
13) L3 Aroclor-1232 {3}	8.55	12.25	117	78	14.188	11.295
Total Aroclor-1232			378	310	31.961	29.722
Average Aroclor-1232					10.654	9.907
14) L4 Aroclor-1242	5.65	8.80	71	61	2.983	3.207
15) L4 Aroclor-1242 {2}	6.76	10.32	189	170	4.475	4.595
16) L4 Aroclor-1242 {3}	8.17	11.38	305	62	4.725	3.871
17) L4 Aroclor-1242 (4)	8.55	11.65	117	241	4.355	4.770
18) L4 Aroclor-1242 (5)	8.89	12.25	97	78	4.379	3.522
Total Aroclor-1242			780	612	20.917	19.965
Average Aroclor-1242					4.183	3.993
19) L5 Aroclor-1248	9.24	14.993	6182	3718	219.369	185.444
20) L5 Aroclor-1248 {2}	10.01	15.17	3046	1178	129.642	57.107 #

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\QAQC2.D
 Signal #2 : D:\HPCHEM\5\18NOV96\QAQC2.D\CONFIRM.D
 Acq On : 20 Nov 96 04:06 AM
 Sample : AR1254 1.0 UG/ML
 Misc : PW961119B
 Quant Time: Nov 20 4:42 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	
21) L5 Aroclor-1248 {3}	11.30f	16.18	11136	775	365.836	50.086	#
Total Aroclor-1248			20364	5672	714.847	292.637	
Average Aroclor-1248					238.282	97.546	
22) L6 Aroclor-1254	13.02	17.17	7109	6498	205.001	207.961	
23) L6 Aroclor-1254 {2}	13.36	17.56	15038	14574	208.958	211.095	
24) L6 Aroclor-1254 {3}	13.85	17.99	6985	8694	207.915	199.534	
25) L6 Aroclor-1254 (4)	14.20	18.50	9138	5736	195.337	204.470	
26) L6 Aroclor-1254 (5)	15.75	20.04	11179	8826	207.376	201.323	
Total Aroclor-1254			49450	44328	1024.587	1024.383	
Average Aroclor-1254					204.917	204.877	
27) L7 Aroclor-1260	13.85	18.19	6985	5367	201.883	165.205	
28) L7 Aroclor-1260 {2}	14.64	18.50	6224	5736	156.850	156.093	
29) L7 Aroclor-1260 {3}	17.84	21.92	1478	1366	26.756	25.234	
Total Aroclor-1260			14687	12469	385.489	346.532	
Average Aroclor-1260					128.496	115.511	
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	28.13f	0	15	N.D.	NoCal	
Total Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

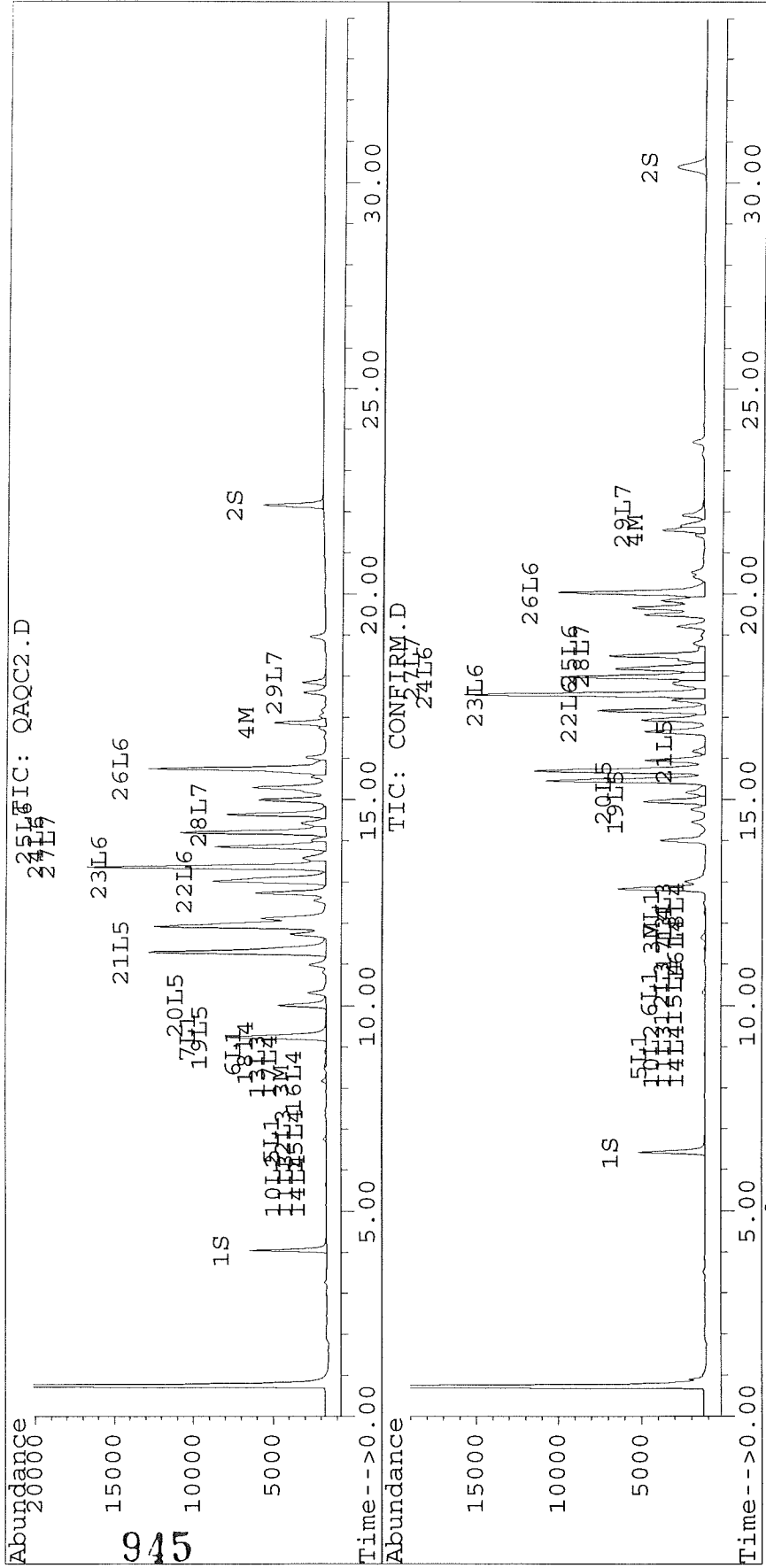
944

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\QAQC2.D Vial: 41
 Signal #2 : D:\HPCHEM\5\18NOV96\QAQC2.D\CONFIRM.D
 Acq On : 20 Nov 96 04:06 AM Operator: JS
 Sample : AR1254 1.0 UG/ML Inst : ECD1
 Misc : PW961119B Multiplr: 1.00
 Quant Time: Nov 20 4:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\18NOV96\QAQC3.D
 Signal #2 : D:\HPCHEM\5\18NOV96\QAQC3.D\CONFIRM.D
 Acq On : 20 Nov 96 04:43 AM
 Sample : AR1242 1.0 UG/ML
 Misc : PW961119C
 Quant Time: Nov 20 5:19 1996

Vial: 42
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	4529	3867	18.170	19.805
			Recovery	=	45.43%	49.51%
2) S Decachlorobiphenyl	22.16	30.38	3703	1672	18.203	17.215
			Recovery	=	45.51%	43.04%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	13212	9900	122.262	102.282
4) M 2,2',3,3',4,4'-Hexa	16.87	21.57	120	81	0.644	0.481 #
5) L1 Aroclor-1016	6.75	8.79	8244	3837	257.323	301.419
6) L1 Aroclor-1016 {2}	8.88	10.32	4116	7453	242.004	264.440
7) L1 Aroclor-1016 {3}	9.27	12.25	6718	4325	260.371	255.113
Total Aroclor-1016			19079	15614	759.698	820.971
Average Aroclor-1016					253.233	273.657
8) L2 Aroclor-1221	5.05	8.03	691	624	98.576	102.114
9) L2 Aroclor-1221 {2}	5.47	8.57	945	848	161.952	173.935
10) L2 Aroclor-1221 {3}	5.64	8.79	4400	3837	217.776	249.943
Total Aroclor-1221			6036	5310	478.304	525.992
Average Aroclor-1221					159.435	175.331
11) L3 Aroclor-1232	5.64	8.79	4400	3837	241.243	267.764
12) L3 Aroclor-1232 {2}	6.75	10.32	8244	7453	604.094	620.345
13) L3 Aroclor-1232 {3}	8.56	12.25	5060	4325	611.239	623.658
Total Aroclor-1232			17704	15614	1456.576	1511.767
Average Aroclor-1232					485.525	503.922
14) L4 Aroclor-1242	5.64	8.79	4400	3837	185.066	202.715
15) L4 Aroclor-1242 {2}	6.75	10.32	8244	7453	194.688	200.833
16) L4 Aroclor-1242 {3}	8.17	11.38	13212	3209	204.733	201.593
17) L4 Aroclor-1242 (4)	8.56	11.65	5060	9900	187.602	195.987
18) L4 Aroclor-1242 (5)	8.88	12.25	4116	4325	185.369	194.488
Total Aroclor-1242			35032	28723	957.457	995.616
Average Aroclor-1242					191.491	199.123
19) L5 Aroclor-1248	9.27	14.95	6718	4048	238.386	201.879
20) L5 Aroclor-1248 {2}	10.02	15.17	5823	4691	247.837	227.351

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\QAQC3.D
 Signal #2 : D:\HPCHEM\5\18NOV96\QAQC3.D\CONFIRM.D
 Acq On : 20 Nov 96 04:43 AM
 Sample : AR1242-1.0 UG/ML
 Misc : PW961119C
 Quant Time: Nov 20 5:19 1996

Vial: 42
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.35	16.18	6001	3390	197.137	219.086
Total Aroclor-1248			18542	12129	683.361	648.316
Average Aroclor-1248					227.787	216.105
22) L6 Aroclor-1254	13.03	17.17	951	754	27.422	24.128
23) L6 Aroclor-1254 {2}	13.36	17.56	1516	1400	21.059	20.270
24) L6 Aroclor-1254 {3}	13.85	17.99	785	809	23.356	18.576
25) L6 Aroclor-1254 (4)	14.20	0.00	930	0	19.878	N.D. #
26) L6 Aroclor-1254 (5)	15.75	20.04	238	171	4.423	3.893
Total Aroclor-1254			4420	3133	96.138	66.868
Average Aroclor-1254					19.228	16.717
27) L7 Aroclor-1260	13.85	18.19	785	126	22.679	3.886 #
28) L7 Aroclor-1260 {2}	14.64	0.00	226	0	5.706	N.D. #
29) L7 Aroclor-1260 {3}	17.85	21.92	31	68	0.556	1.262 #
Total Aroclor-1260			1042	195	28.941	5.147
Average Aroclor-1260					9.647	2.574
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	0.00	23.53	0	48	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	28.14f	0	13	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

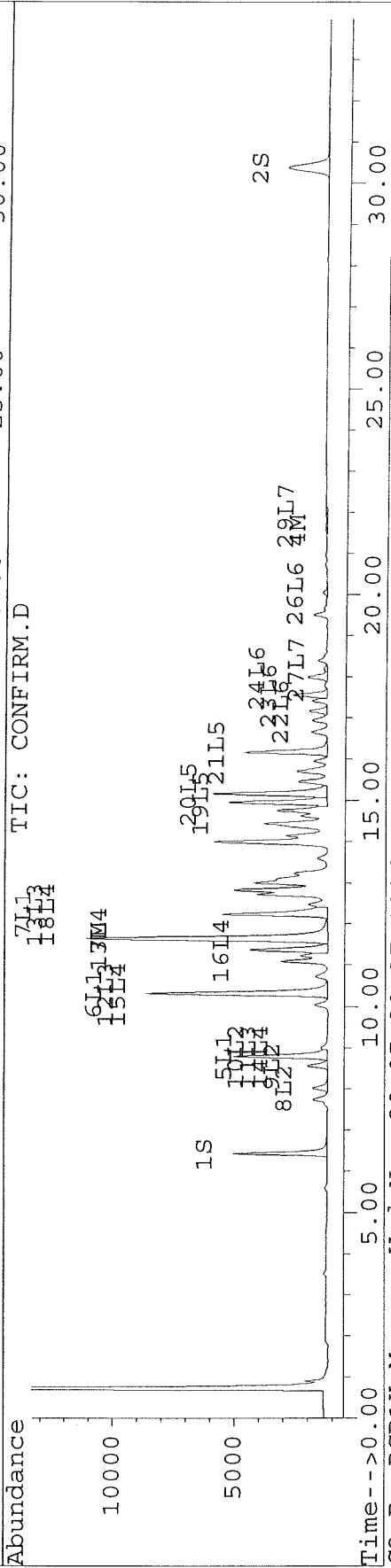
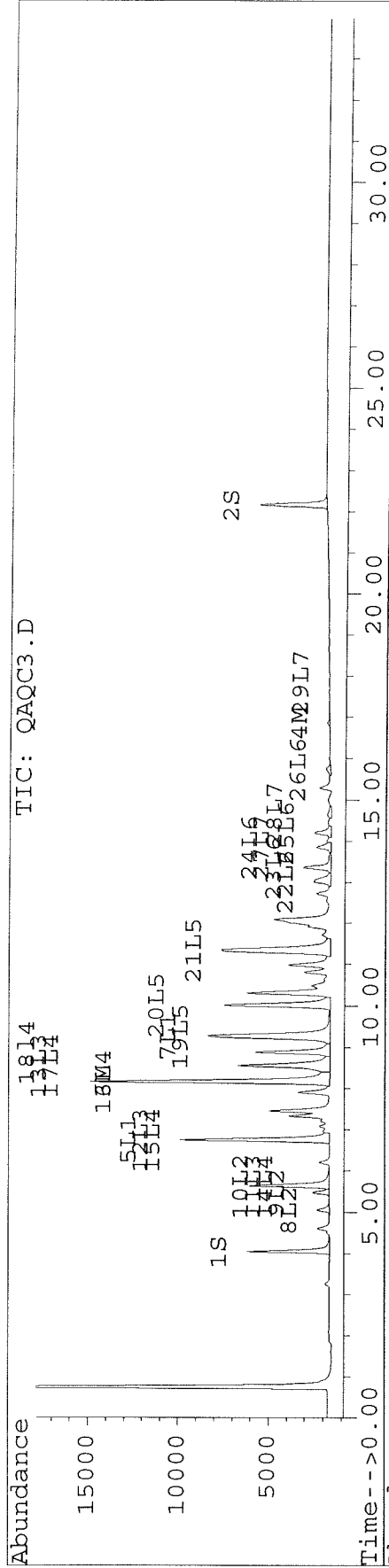
947

Quantitation Report

Signal #1 : D:\HPCHEM\5\18NOV96\QAQC3.D Vial: 42
Signal #2 : D:\HPCHEM\5\18NOV96\QAQC3.D\CONFIRM.D
Acq On : 20 Nov 96 04:43 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : PW961119C Multiplr: 1.00
Quant Time: Nov 20 5:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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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Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120A.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120A.D\CONFIRM.D
 Acq On : 20 Nov 96 09:11 AM
 Sample : AR1660 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 21 13:21 1996

Vial: 1
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.05	6.42	4762	3855	19.104	19.739
			Recovery	=	47.76%	49.35%
2) S Decachlorobiphenyl	22.17	30.39	3638	1650	17.879	16.989
			Recovery	=	44.70%	42.47%
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	6.76	8.78	11174	4437	348.752	348.521
6) L1 Aroclor-1016 {2}	8.89	10.31	5753	9874	338.239	350.363
7) L1 Aroclor-1016 {3}	9.29	12.24	8976	5818	347.870	343.191
Total Aroclor-1016			25903	20129	1034.861	1042.075
Average Aroclor-1016					344.954	347.358
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
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120A.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120A.D\CONFIRM.D
 Acq On : 20 Nov 96 09:11 AM
 Sample : AR1660 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 21 13:21 1996

Vial: 1
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
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	13.86	18.18	12001	11109	346.836	341.940
28) L7 Aroclor-1260 {2}	14.65	18.50	13470	12367	339.461	336.532
29) L7 Aroclor-1260 {3}	17.85	21.91	18234	17973	330.134	331.935
Total Aroclor-1260			43706	41448	NoCal	NoCal
Average Aroclor-1260					✓ 1016 338.811	336.802 ✓ 1010
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

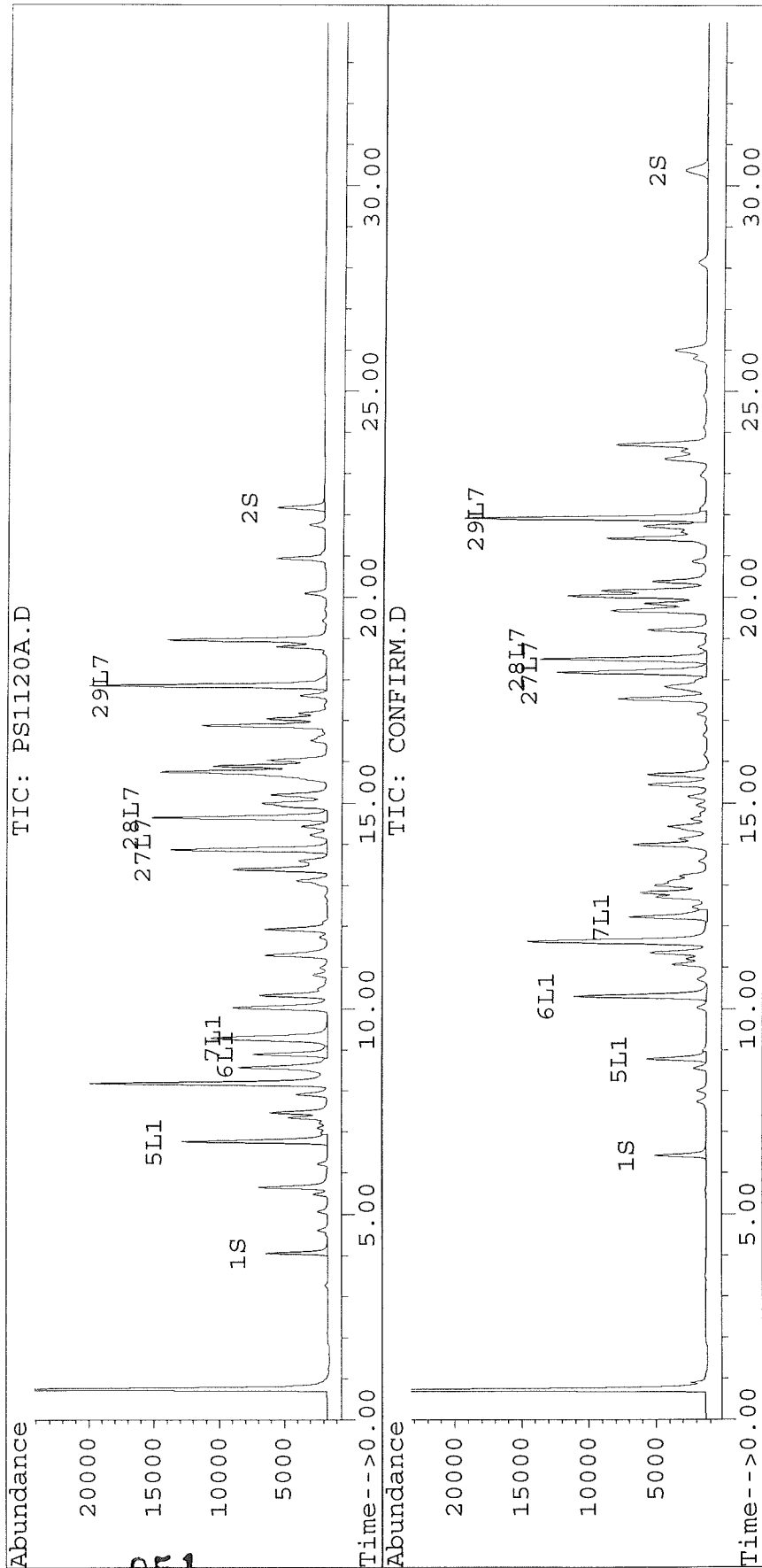
950

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120A.D Vial: 1
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120A.D\CONFIRM.D
Acq On : 20 Nov 96 09:11 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 21 13:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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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Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120B.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120B.D\CONFIRM.D
 Acq On : 20 Nov 96 09:51 AM
 Sample : AR1242 1.0 UG/ML (K^c)
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 21 13:20 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.05	6.43	4738	3883	19.005	19.883
			Recovery	=	47.51%	49.71%
2) S Decachlorobiphenyl	22.17	30.38	3605	1651	17.719	16.994
			Recovery	=	44.30%	42.49%
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	5.65	8.79	4481	3795	188.463	200.464
15) L4 Aroclor-1242 {2}	6.76	10.31	8341	7428	196.973	200.180
16) L4 Aroclor-1242 {3}	8.18	11.37	13273	3184	205.678	200.012
17) L4 Aroclor-1242 (4)	8.56	11.65	5085	9706	188.546	192.154
18) L4 Aroclor-1242 (5)	8.89	12.25	4150	4270	186.902	192.025
Total Aroclor-1242			35330	28383	966.562	984.835
Average Aroclor-1242					193.312	196.967
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d

952

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120B.D Vial: 2
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120B.D\CONFIRM.D
 Acq On : 20 Nov 96 09:51 AM Operator: JS
 Sample : AR1242 1.0 UG/ML (Kc) Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 21 13:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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

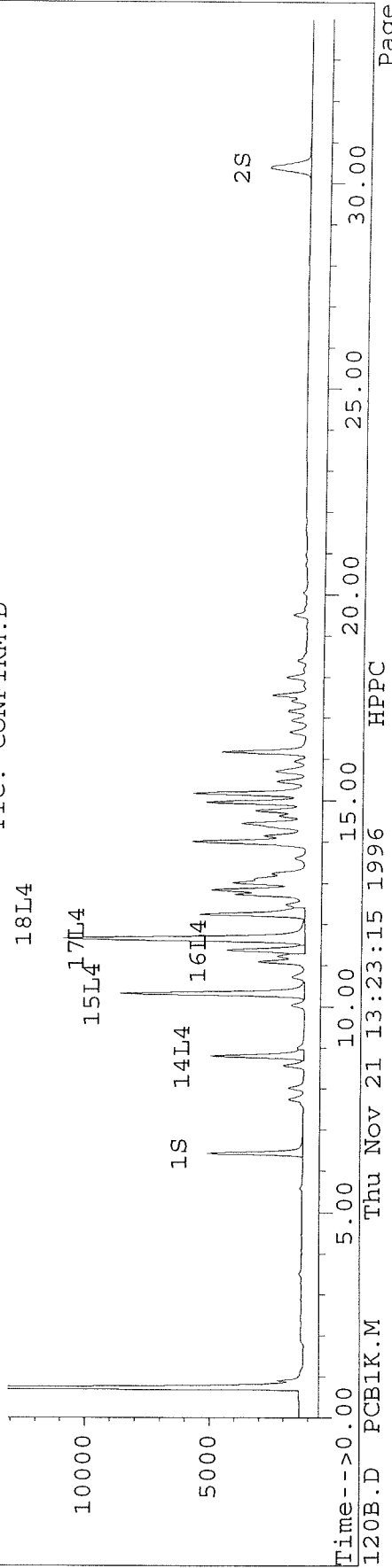
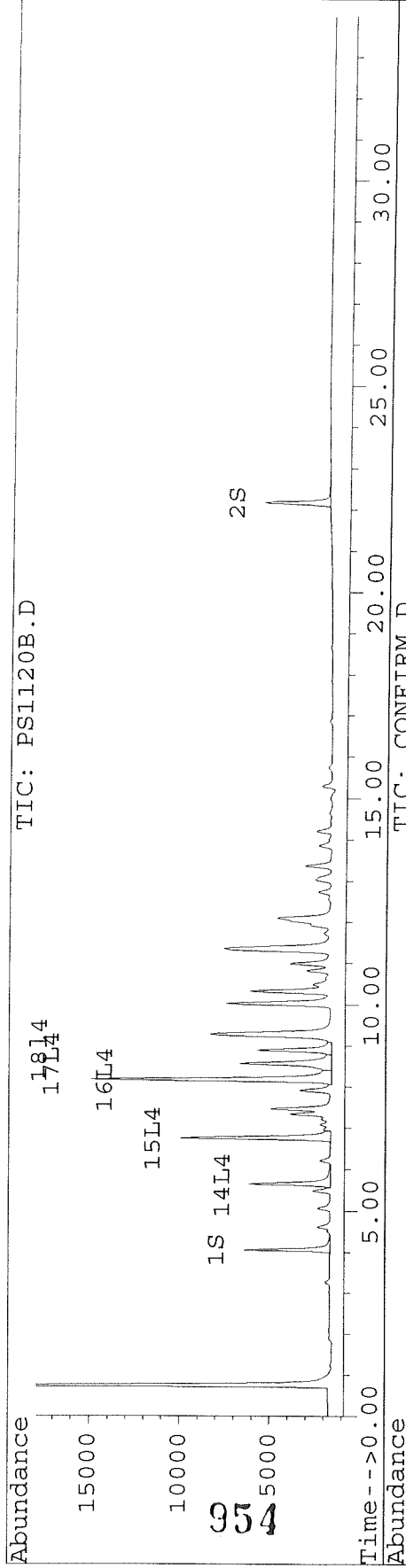
953

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120B.D Vial: 2
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120B.D\CONFIRM.D
Acq On : 20 Nov 96 09:51 AM Operator: JS
Sample : AR1247 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 21 13:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
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 : D:\HPCHEM\5\20NOV96\PS1120C.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120C.D\CONFIRM.D
 Acq On : 20 Nov 96 10:29 AM
 Sample : AR1254-1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 21 13:19 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.44	4746	3926	19.038	20.105
			Recovery	=	47.60%	50.26%
2) S Decachlorobiphenyl	22.16	30.38	3467	1589	17.041	16.360
			Recovery	=	42.60%	40.90%
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
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120C.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120C.D\CONFIRM.D
 Acq On : 20 Nov 96 10:29 AM
 Sample : AR1254-1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 21 13:19 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
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	13.02	17.17	6910	6278	199.257	200.908
23) L6 Aroclor-1254 {2}	13.36	17.56	14540	14066	202.039	203.735
24) L6 Aroclor-1254 {3}	13.86	17.99	6802	8133	202.461	186.668
25) L6 Aroclor-1254 (4)	14.20	18.50	8555	5556	182.874	198.058
26) L6 Aroclor-1254 (5)	15.75	20.04	10696	8527	198.411	194.487
Total Aroclor-1254			47503	42560	<u>985.041</u>	<u>983.856</u> ✓
Average Aroclor-1254					197.008	196.771
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

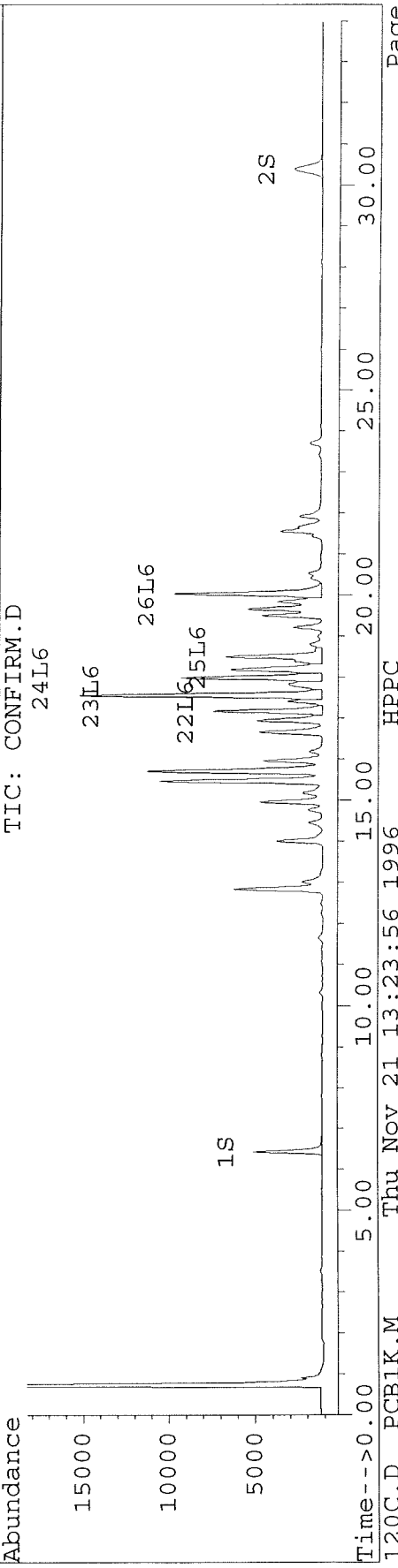
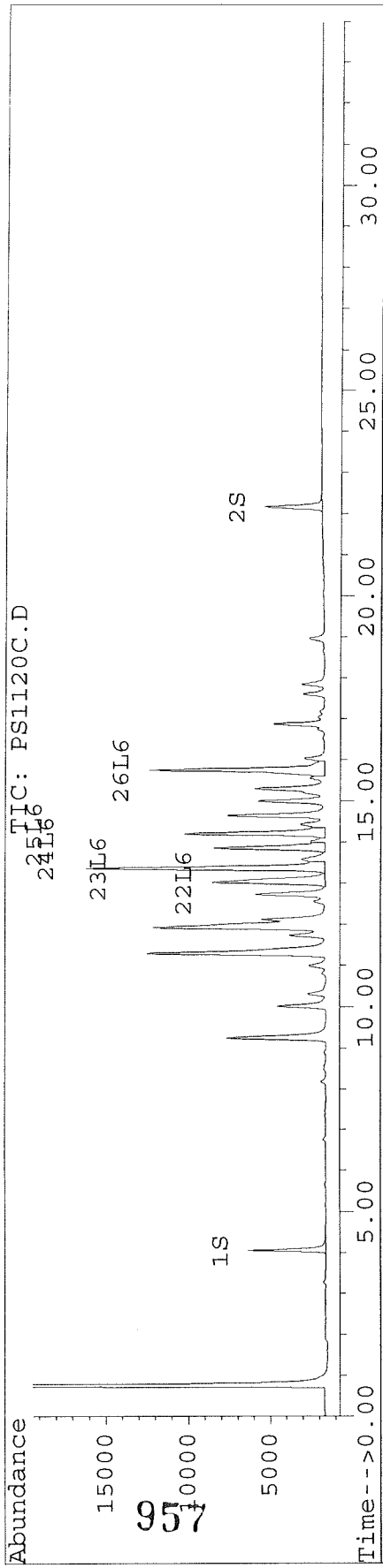
956

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120C.D Vial: 3
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120C.D\CONFIRM.D
Acq On : 20 Nov 96 10:29 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 21 13:19 1996

Method : C:\HPCHEM\5\METHODS\PCBIK.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\20NOV96\P1119-B2.D Vial: 4
 Signal #2 : D:\HPCHEM\5\20NOV96\P1119-B2.D\CONFIRM.D
 Acq On : 20 Nov 96 11:07 AM Operator: JS
 Sample : SOIL METHOD BLANK Inst : ECD1
 Misc : 30.0G/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 20 11:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	9927	8176	39.822	41.869
			Recovery	=	99.56%	104.67%
2) S Decachlorobiphenyl	22.16	30.38	6933	3112	34.074	32.037
			Recovery	=	85.19%	80.09%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.19	11.65	92	66	0.851	0.681
4) M 2,2',3,3',4,4'-Hexa	16.86	0.00	1459	0	7.804	N.D. #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	8.88	0.00	85	0	4.978	N.D. #
7) L1 Aroclor-1016 {3}	9.27	0.00	84	0	3.251	N.D. #
Total Aroclor-1016			169	0	8.229	N.D.
Average Aroclor-1016					4.115	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.51f	0.00	84	0	10.180	N.D. #
Total Aroclor-1232			84	0	10.180	N.D.
Average Aroclor-1232					10.180	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}	8.19	0.00	92	0	1.425	N.D. #
17) L4 Aroclor-1242 (4)	8.51f	11.65	84	66	3.125	1.305 #
18) L4 Aroclor-1242 (5)	8.88	0.00	85	0	3.813	N.D. #
Total Aroclor-1242			261	66	8.363	1.305
Average Aroclor-1242					2.788	1.305
19) L5 Aroclor-1248	9.27	14.93	84	16	2.977	0.815 #
20) L5 Aroclor-1248 {2}	0.00	15.22f	0	260	N.D.	12.594 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\P1119-B2.D Vial: 4
 Signal #2 : D:\HPCHEM\5\20NOV96\P1119-B2.D\CONFIRM.D
 Acq On : 20 Nov 96 11:07 AM Operator: JS
 Sample : SOIL METHOD BLANK Inst : ECD1
 Misc : 30.0G/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 20 11:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.32	0.00	255	0	8.364	N.D. #
Total Aroclor-1248			338	276	11.341	13.408
Average Aroclor-1248					5.670	6.704
22) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
23) L6 Aroclor-1254 {2}	13.36	0.00	148	0	2.059	N.D. #
24) L6 Aroclor-1254 {3}	13.86	18.00	87	86	2.595	1.967
25) L6 Aroclor-1254 (4)	0.00	18.48	0	114	N.D.	4.073 #
26) L6 Aroclor-1254 (5)	0.00	20.06	0	117	N.D.	2.662 #
Total Aroclor-1254			235	317	4.654	8.702
Average Aroclor-1254					2.327	2.901
27) L7 Aroclor-1260	13.86	18.21	87	106	2.520	3.277 #
28) L7 Aroclor-1260 {2}	0.00	18.48	0	114	N.D.	3.109 #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			87	221	2.520	6.386
Average Aroclor-1260					2.520	3.193
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	0.00	23.51	0	196	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	28.13	0	38	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

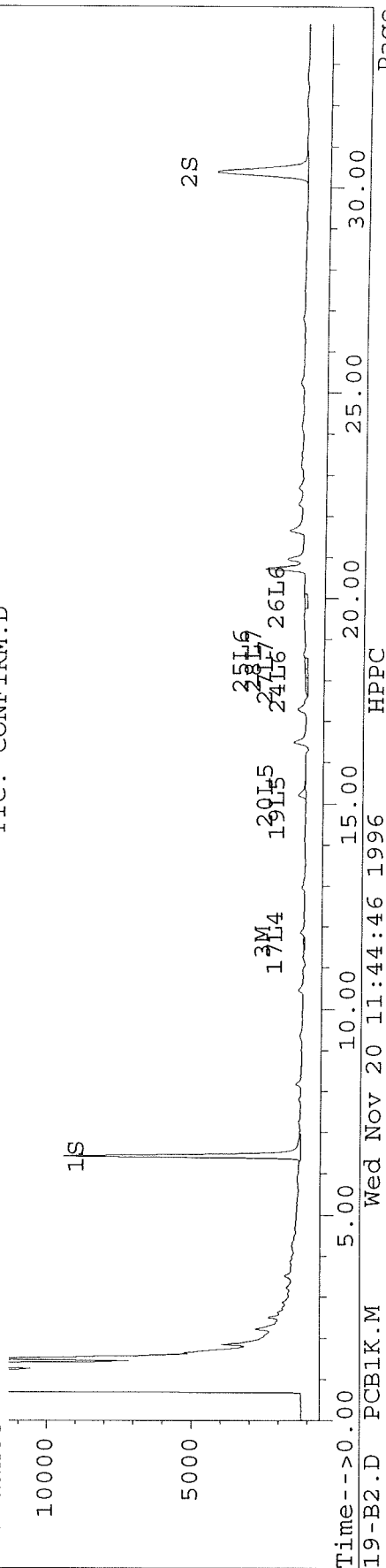
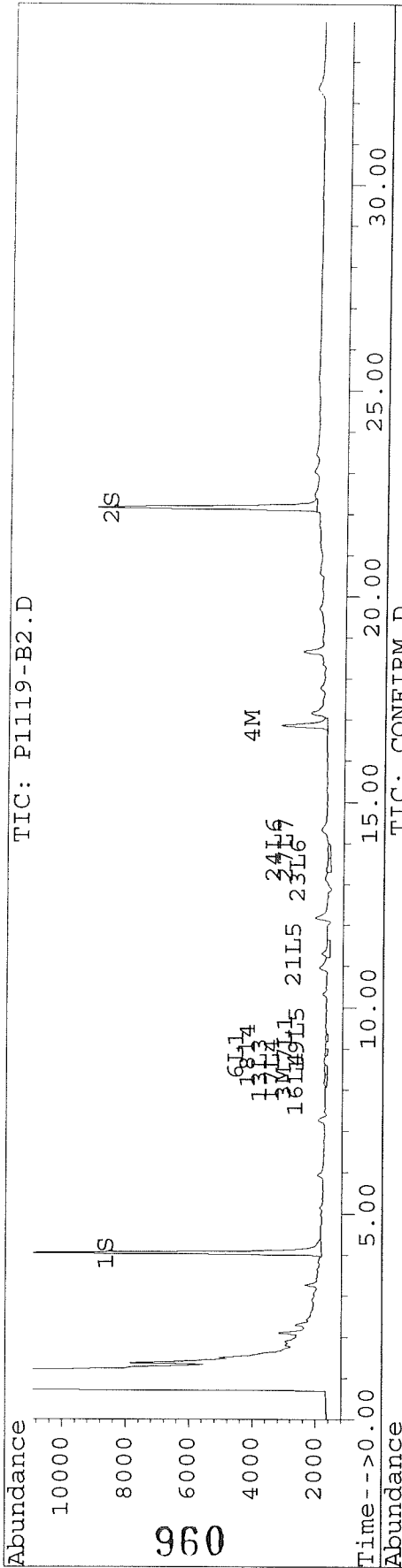
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Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\P1119-B2.D Vial: 4
 Signal #2 : D:\HPCHEM\5\20NOV96\P1119-B2.D\CONFIRM.D
 Acq On : 20 Nov 96 11:07 AM Operator: JS
 Sample : SOIL METHOD BLANK Inst : ECD1
 Misc : 30.0G/10ML 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 20 11:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\20NOV96\PS1120D.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120D.D\CONFIRM.D
 Acq On : 20 Nov 96 05:58 PM
 Sample : AR1660 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 21 13:18 1996

Vial: 1
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	4763	3866	19.107	19.799
			Recovery	=	47.77%	49.50%
2) S Decachlorobiphenyl	22.16	30.38	3881	1792	19.076	18.450
			Recovery	=	47.69%	46.13%
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	6.75	8.79	11211	4480	349.934	351.913
6) L1 Aroclor-1016 {2}	8.88	10.32	5868	10034	345.015	356.014
7) L1 Aroclor-1016 {3}	9.27	12.24	9223	5968	357.431	352.085
Total Aroclor-1016			26302	20482	1052.380	1060.011
Average Aroclor-1016					350.793	353.337
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
20) L5 Aroclor-1248 {2}	0.00	0.00	961	0	N.D.d	N.D.d

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120.D\CONFIRM.D
 Acq On : 20 Nov 96 05:58 PM
 Sample : AR1660 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 21 13:18 1996

Vial: 1
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
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	13.85	18.19	12200	11623	352.595	357.767
28) L7 Aroclor-1260 {2}	14.63	18.50	13770	12841	347.031	349.455
29) L7 Aroclor-1260 {3}	17.84	21.91	19046	18515	344.823	341.957
Total Aroclor-1260			45017	42980	NoCal	NoCal
Average Aroclor-1260					348.150	349.726
					(1044) ✓	(1049) ✓
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

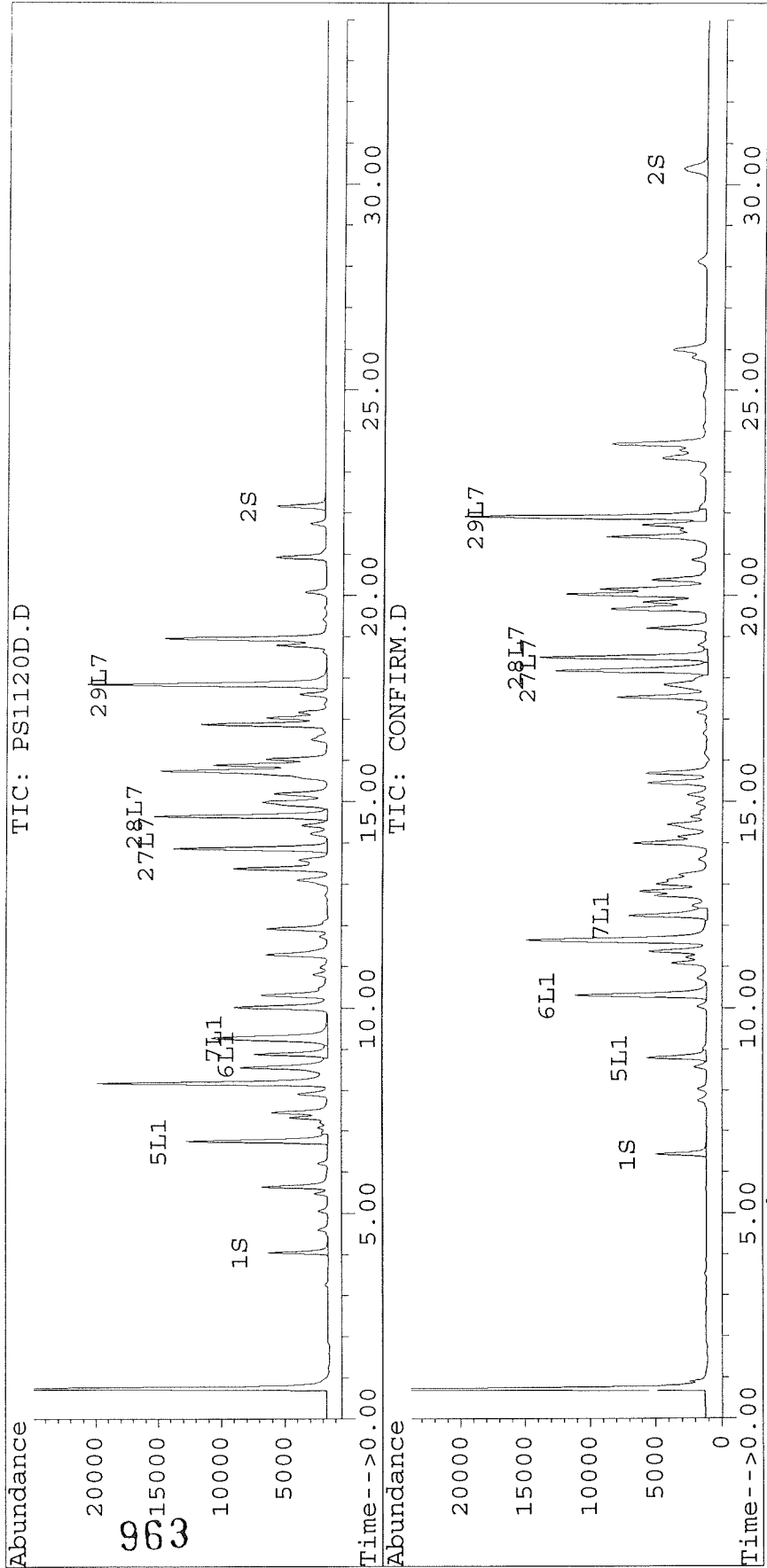
962

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120D.D Vial: 1
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120D.D\CONFIRM.D
Acq On : 20 Nov 96 05:58 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 21 13:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\20NOV96\PS1120E.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120E.D\CONFIRM.D
 Acq On : 20 Nov 96 06:36 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 21 13:17 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	4959	3943	19.895	20.191
			Recovery	=	49.74%	50.48%
2) S Decachlorobiphenyl	22.16	30.38	3801	1757	18.682	18.088
			Recovery	=	46.71%	45.22%
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	5.64	8.79	4612	3894	193.974	205.692
15) L4 Aroclor-1242 {2}	6.75	10.32	8521	7552	201.213	203.499
16) L4 Aroclor-1242 {3}	8.17	11.38	13646	3275	211.470	205.758
17) L4 Aroclor-1242 (4)	8.55	11.65	5290	10101	196.152	199.979
18) L4 Aroclor-1242 (5)	8.88	12.25	4317	4433	194.406	199.359
Total Aroclor-1242			36386	29254	997.215	1014.287
Average Aroclor-1242					199.443	202.857
19) L5 Aroclor-1248	0.00	0.00	964	0	N.D.d	N.D.d
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120E.D Vial: 2
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120E.D\CONFIRM.D
 Acq On : 20 Nov 96 06:36 PM Operator: JS
 Sample : AR1242 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 21 13:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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

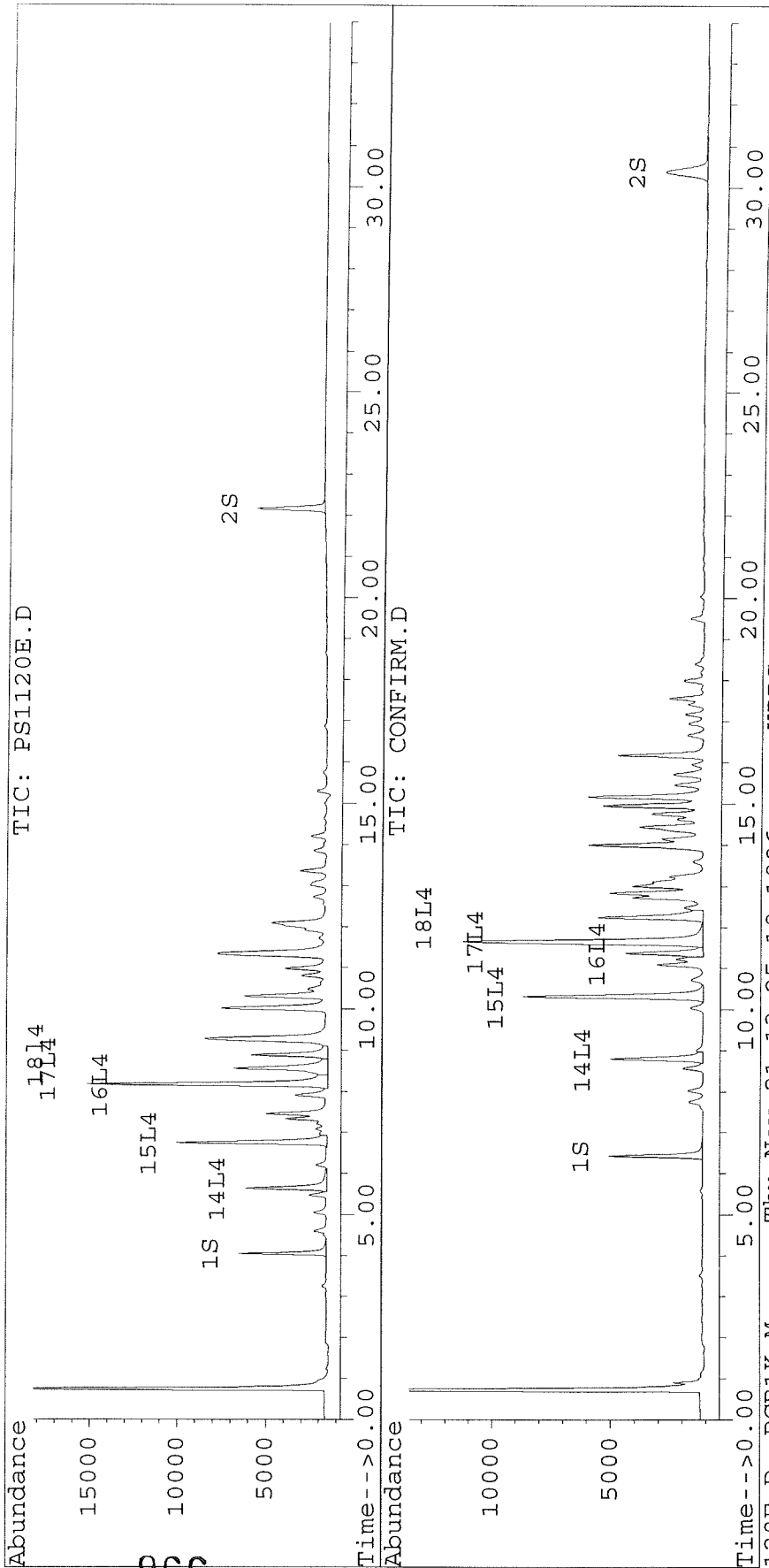
965

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120E.D Vial: 2
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120E.D\CONFIRM.D
Acq On : 20 Nov 96 06:36 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 21 13:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
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 : D:\HPCHEM\5\20NOV96\PS1120F.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120F.D\CONFIRM.D
 Acq On : 20 Nov 96 07:13 PM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 21 13:17 1996

Vial: 3

Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5103	4077	20.470	20.881
			Recovery	=	51.17%	52.20%
2) S Decachlorobiphenyl	22.16	30.38	3578	1611	17.588	16.587
			Recovery	=	43.97%	41.47%
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
20) L5 Aroclor-1248 {2}	0.00	0.00	967	0	N.D.d	N.D.d

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120F.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120F.D\CONFIRM.D
 Acq On : 20 Nov 96 07:13 PM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 21 13:17 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
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	13.02	17.17	7073	6434	203.969	205.905
23) L6 Aroclor-1254 {2}	13.36	17.56	14962	14406	207.892	208.656
24) L6 Aroclor-1254 {3}	13.85	17.99	6974	8437	207.587	193.638
25) L6 Aroclor-1254 (4)	14.20	18.50	8869	5686	189.583	202.702
26) L6 Aroclor-1254 (5)	15.74	20.04	10821	8694	200.741	198.298
Total Aroclor-1254			48699	43657	1009.772	1009.200
Average Aroclor-1254					201.954	201.840
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

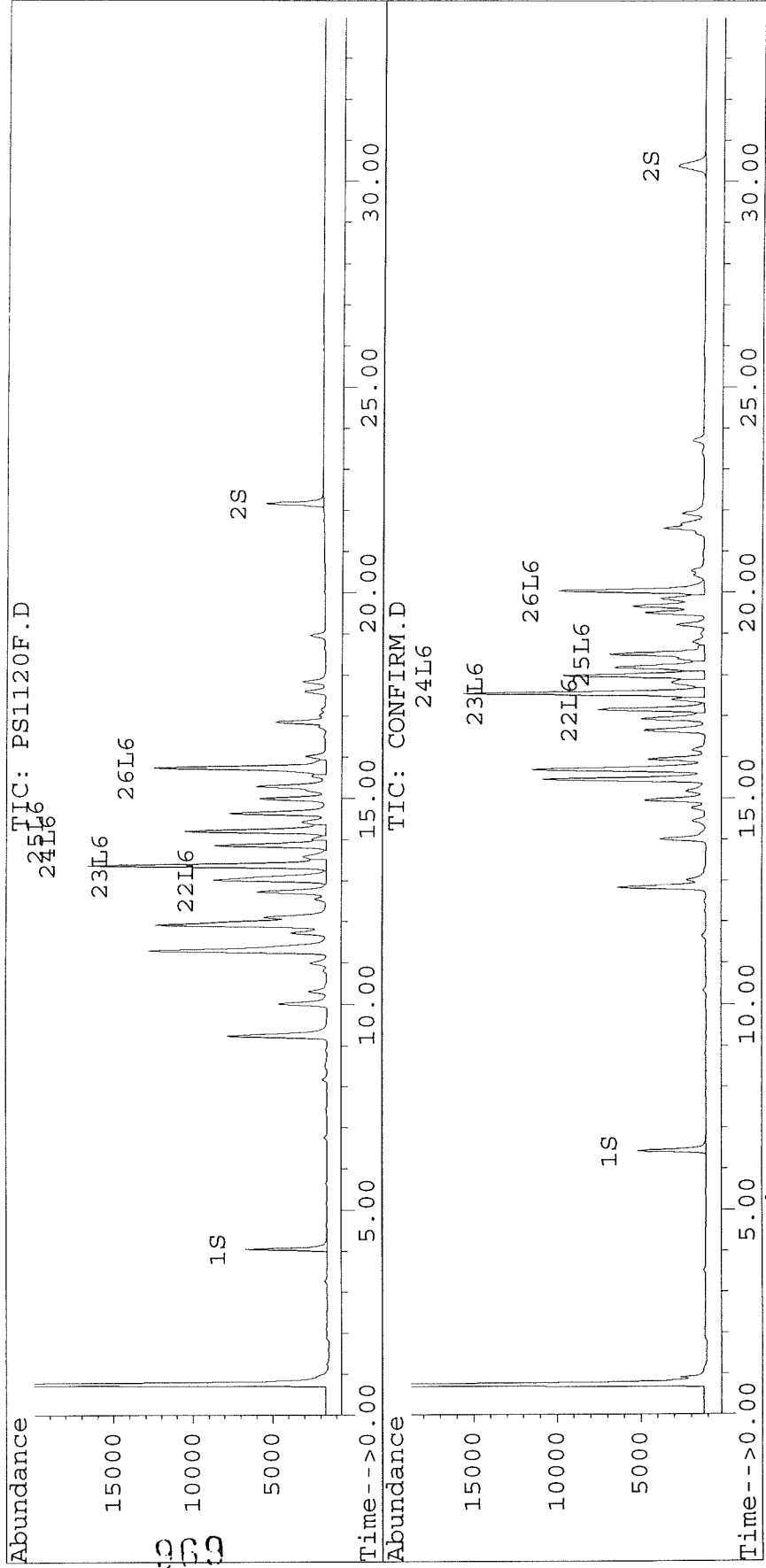
968

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120F.D Vial: 3
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120F.D\CONFIRM.D
 Acq On : 20 Nov 96 07:13 PM Operator: JS
 Sample : AR1254 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 21 13:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\20NOV96\PS1120G.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120G.D\CONFIRM.D
 Acq On : 20 Nov 96 07:51 PM
 Sample : PCB COGENERATORS 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 21 13:16 1996

Vial: 14
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.44	5651	4636	22.669	23.740
			Recovery	=	56.67%	59.35%
2) S Decachlorobiphenyl	22.16	30.38	3851	1786	18.930	18.393
			Recovery	=	47.33%	45.98%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.67	27513	25542	254.612	263.891
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	48470	44254	259.197	261.800
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
20) L5 Aroclor-1248 {2}	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 : D:\HPCHEM\5\20NOV96\PS1120G.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120G.D\CONFIRM.D
 Acq On : 20 Nov 96 07:51 PM
 Sample : PCB COGENERATORS 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 21 13:16 1996

Vial: 14
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
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

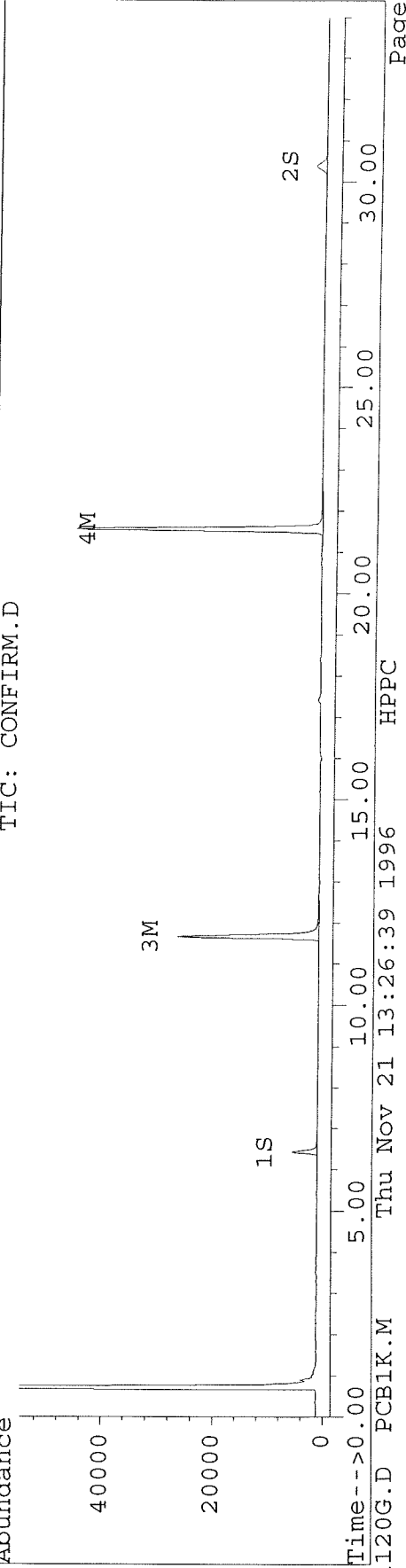
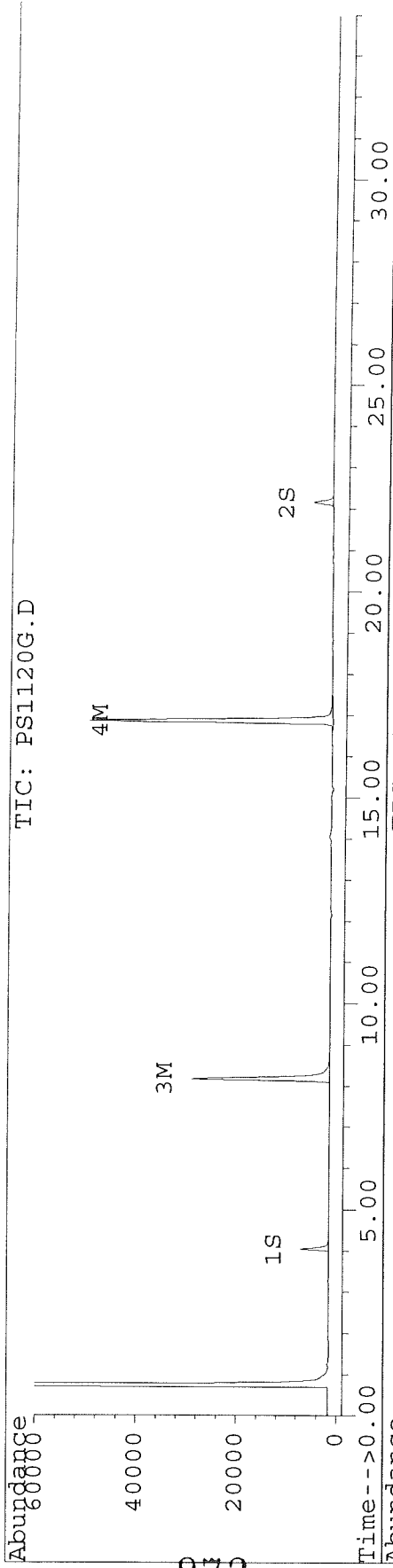
971

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120G.D Vial: 14
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120G.D\CONFIRM.D
Acq On : 20 Nov 96 07:51 PM Operator: JS
Sample : PCB COGENERATORS 0.25 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 21 13:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\20NOV96\PS1120H.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120H.D\CONFIRM.D
 Acq On : 21 Nov 96 03:09 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 10:56 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	4832	3995	19.383	20.461
			Recovery	=	48.46%	51.15%
2) S Decachlorobiphenyl	22.16	30.38	3535	1725	17.377	17.763
			Recovery	=	43.44%	44.41%
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
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d

973

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120H.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120H.D\CONFIRM.D
 Acq On : 21 Nov 96 03:09 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 10:56 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
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	13.02	17.17	7210	6652	207.914	212.889
23) L6 Aroclor-1254 {2}	13.36	17.56	15028	14657	208.808	212.285
24) L6 Aroclor-1254 {3}	13.85	17.99	7015	8611	208.797	197.633
25) L6 Aroclor-1254 (4)	14.20	18.51	9116	5638	194.853	200.986
26) L6 Aroclor-1254 (5)	15.75	20.04	11011	8861	204.266	202.107
Total Aroclor-1254			49379	44418	1024.638	1025.900
Average Aroclor-1254					204.928	205.180
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

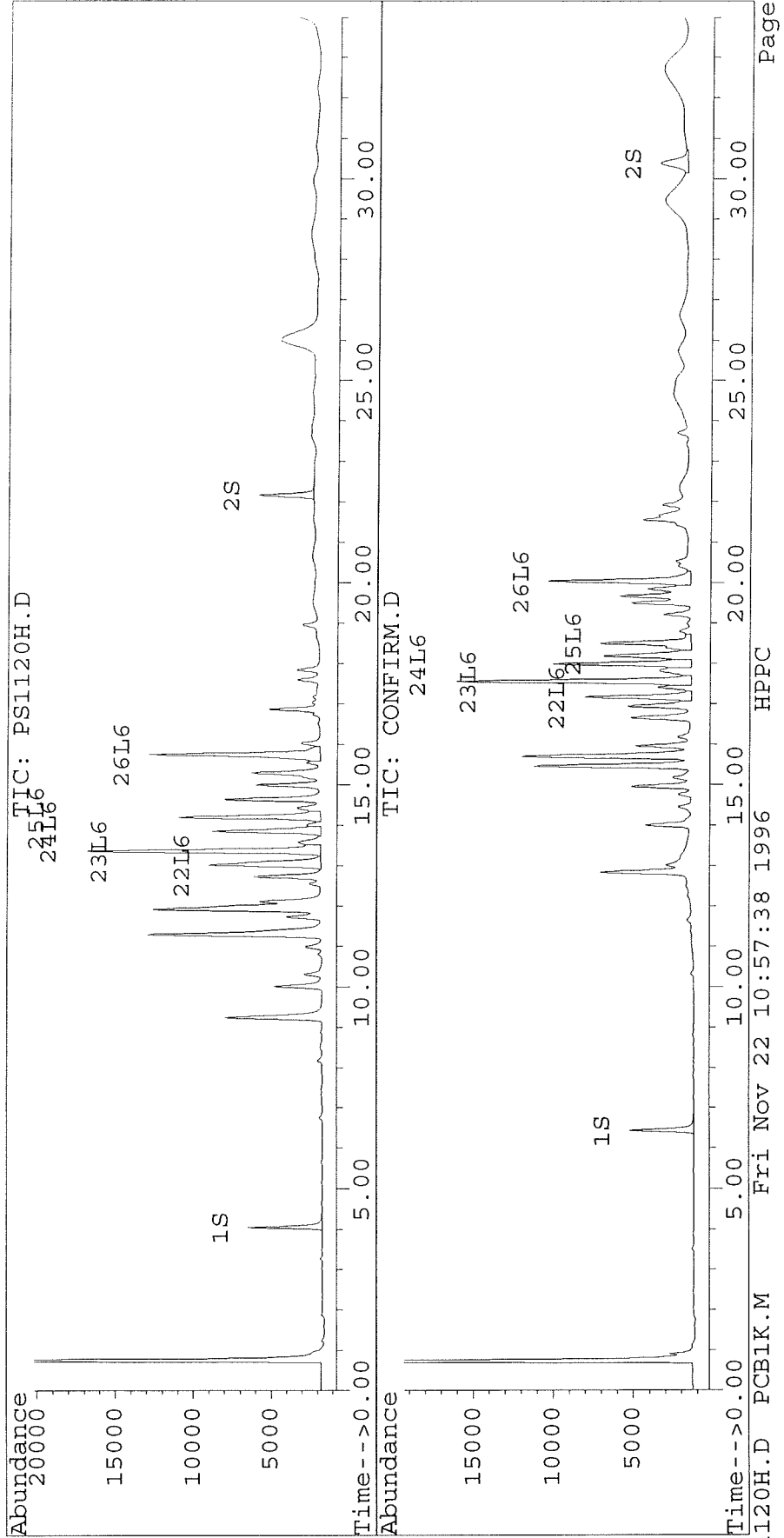
974

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120H.D Vial: 3
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120H.D\CONFIRM.D
Acq On : 21 Nov 96 03:09 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 22 10:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\20NOV96\PS1120I.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120I.D\CONFIRM.D
 Acq On : 21 Nov 96 03:46 AM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 10:17 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5050	4105	20.257	21.024
			Recovery	=	50.64%	52.56%
2) S Decachlorobiphenyl	22.16	30.38	3825	1779	18.799	18.319
			Recovery	=	47.00%	45.80%
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	5.64	8.79	4738	3993	199.261	210.922
15) L4 Aroclor-1242 {2}	6.75	10.32	8779	7836	207.324	211.172
16) L4 Aroclor-1242 {3}	8.17	11.38	14176	3413	219.670	214.420
17) L4 Aroclor-1242 (4)	8.56	11.65	5550	10594	205.771	209.736
18) L4 Aroclor-1242 (5)	8.88	12.25	4611	4791	207.658	215.453
Total Aroclor-1242			37853	30627	1039.683	1061.703
Average Aroclor-1242					207.937	212.341
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120I.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120I.D\CONFIRM.D
 Acq On : 21 Nov 96 03:46 AM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 10:17 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
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

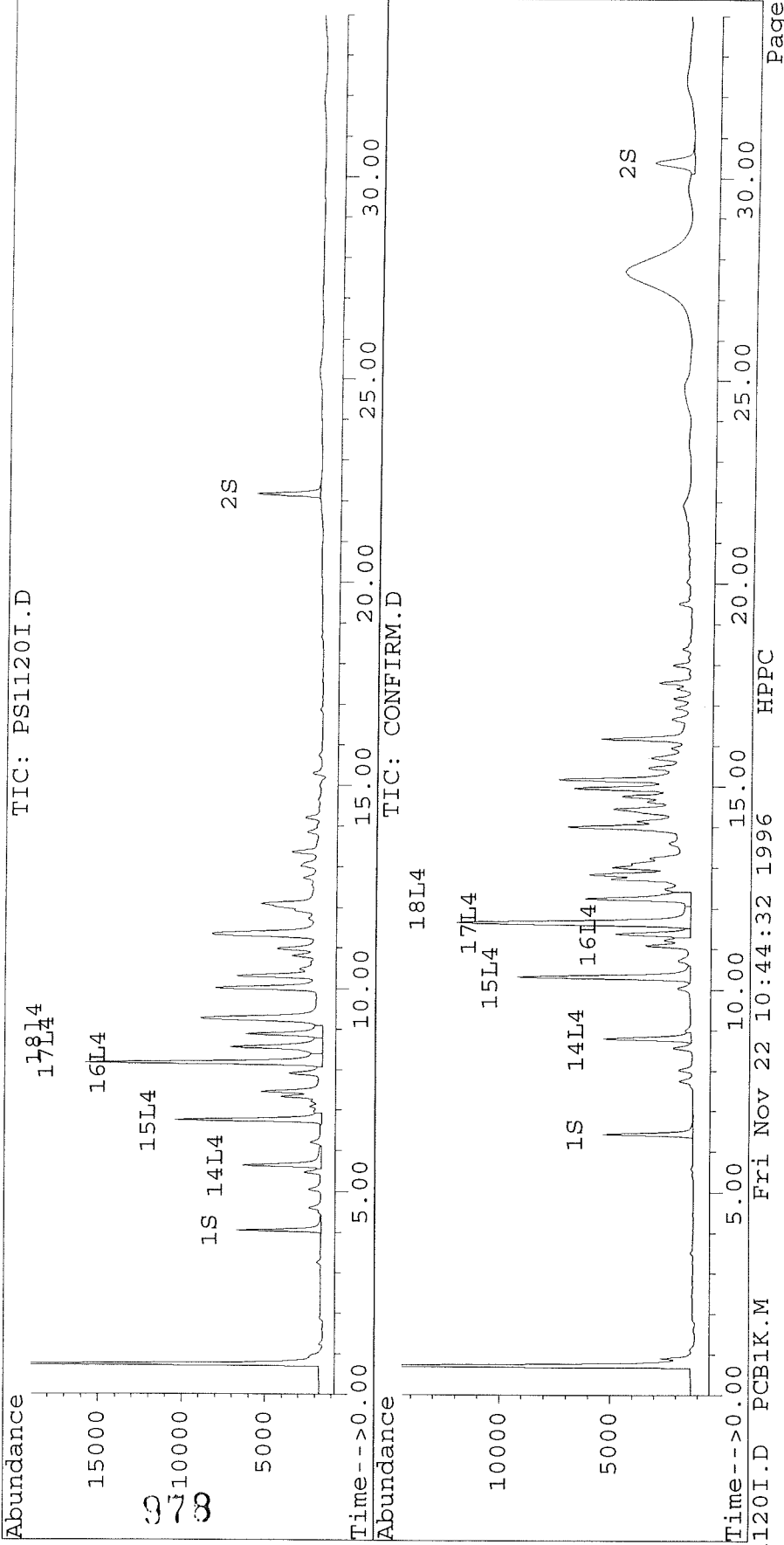
977

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120I.D Vial: 2
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120I.D\CONFIRM.D
Acq On : 21 Nov 96 03:46 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 22 10:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
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 : D:\HPCHEM\5\20NOV96\PS1120J.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120J.D\CONFIRM.D
 Acq On : 21 Nov 96 04:24 AM
 Sample : PCB COGENERATORS 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 10:05 1996

Vial: 14
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	6079	4891	24.384	25.047
			Recovery	=	60.96%	62.62%
2) S Decachlorobiphenyl	22.16	30.39	4172	1775	20.505	18.276m
			Recovery	=	51.26%	45.69%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.67	29025	27174	268.607m	280.753m
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	52071	47165	278.455m	279.022m
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
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120J.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120J.D\CONFIRM.D
 Acq On : 21 Nov 96 04:24 AM
 Sample : PCB COGENERS 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 10:05 1996

Vial: 14
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
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

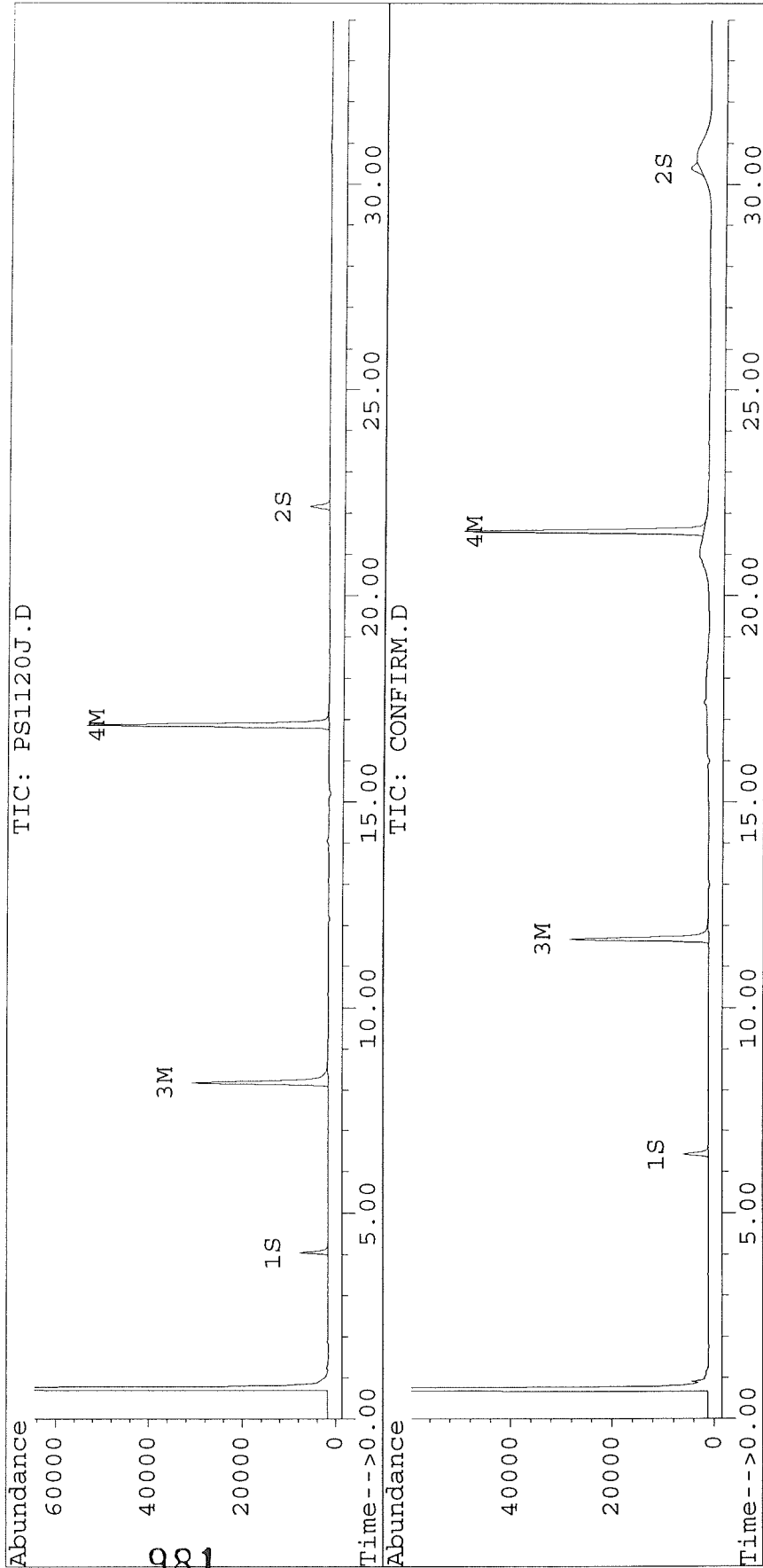
980

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120J.D Vial: 14
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120J.D\CONFIRM.D
Acq On : 21 Nov 96 04:24 AM Operator: JS
Sample : PCB COGENERS 0.25 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 22 10:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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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Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120K.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120K.D\CONFIRM.D
 Acq On : 21 Nov 96 11:47 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 11:28 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5103	4169	20.470	21.352
			Recovery	=	51.17%	53.38%
2) S Decachlorobiphenyl	22.16	30.38	3837	1738	18.857	17.891
			Recovery	=	47.14%	44.73%
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	0.00	0.00	0	0	N.D.d	N.D.d
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d

932

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120K.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120K.D\CONFIRM.D
 Acq On : 21 Nov 96 11:47 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 11:28 1996

Vial: 3

Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
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	13.02	17.17	7549	6905	217.696m	220.988m
23) L6 Aroclor-1254 {2}	13.36	17.56	15776	15005	219.209	217.329
24) L6 Aroclor-1254 {3}	13.85	17.99	7295	9059	217.140	207.916
25) L6 Aroclor-1254 (4)	14.20	18.50	9704	5879	207.427	209.578
26) L6 Aroclor-1254 (5)	15.74	20.04	11584	9090	214.887	207.347
Total Aroclor-1254			51908	45938	1076.358	1063.158
Average Aroclor-1254					215.272	212.632
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

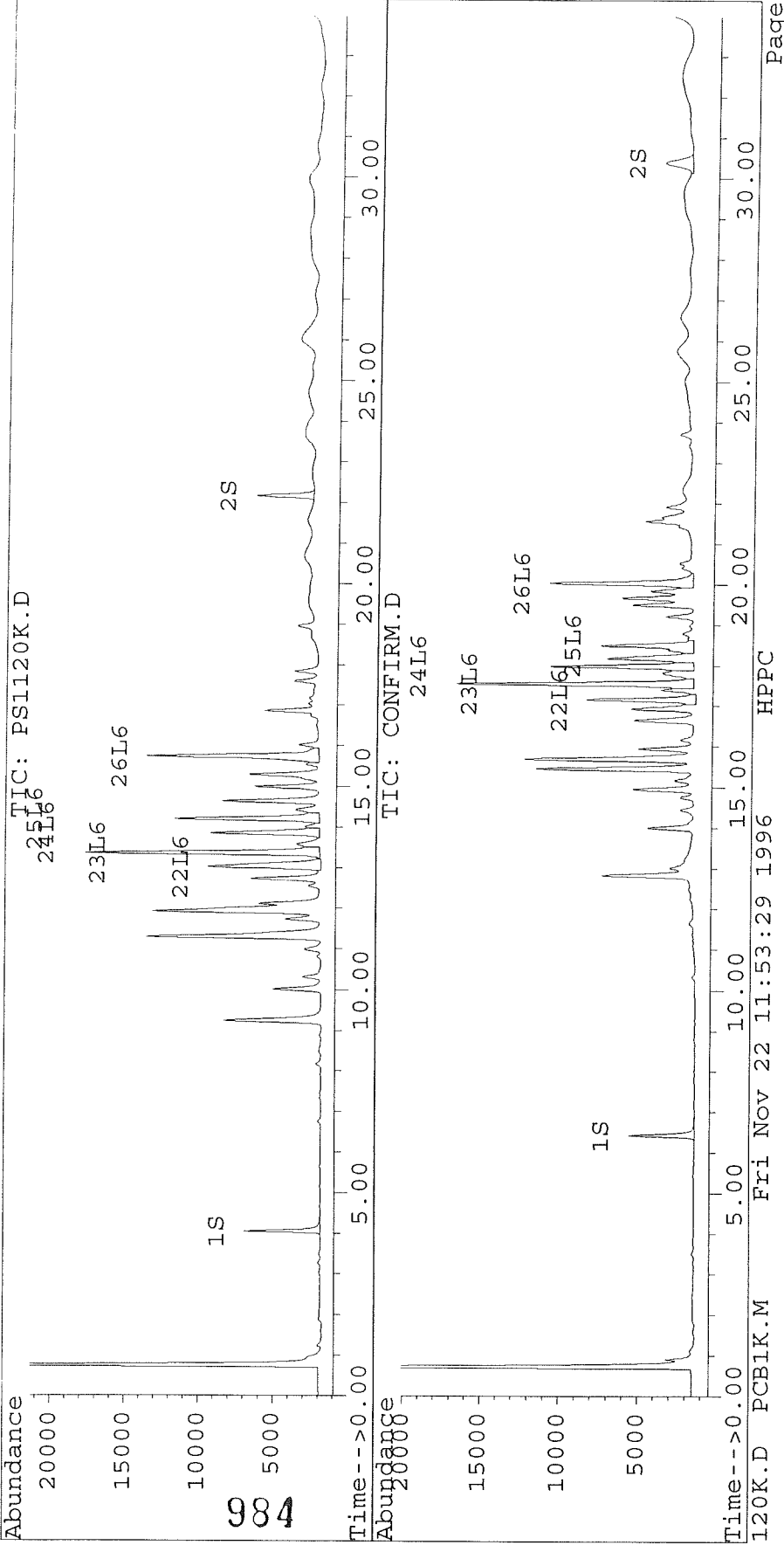
983

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120K.D Vial: 3
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120K.D\CONFIRM.D
Acq On : 21 Nov 96 11:47 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 22 11:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\20NOV96\PS1120L.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120L.D\CONFIRM.D
 Acq On : 21 Nov 96 12:25 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 11:27 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	4538	3857	18.205	19.752m
			Recovery	=	45.51%	49.38%
2) S Decachlorobiphenyl	22.16	30.38	3702	1707	18.197	17.578
			Recovery	=	45.49%	43.95%
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	5.64	8.79	4474	3842	188.159	202.971m
15) L4 Aroclor-1242 {2}	6.75	10.32	8383	7717	197.958	207.955m
16) L4 Aroclor-1242 {3}	8.17	11.38	13545	3106	209.895	195.142m
17) L4 Aroclor-1242 (4)	8.56	11.65	5252	9996	194.724	197.891m
18) L4 Aroclor-1242 (5)	8.88	12.25	4334	4551	195.185	204.672m
Total Aroclor-1242			35987	29212	985.921	1008.631
Average Aroclor-1242					197.184	201.726
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d

985

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120L.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120L.D\CONFIRM.D
 Acq On : 21 Nov 96 12:25 PM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 11:27 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
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

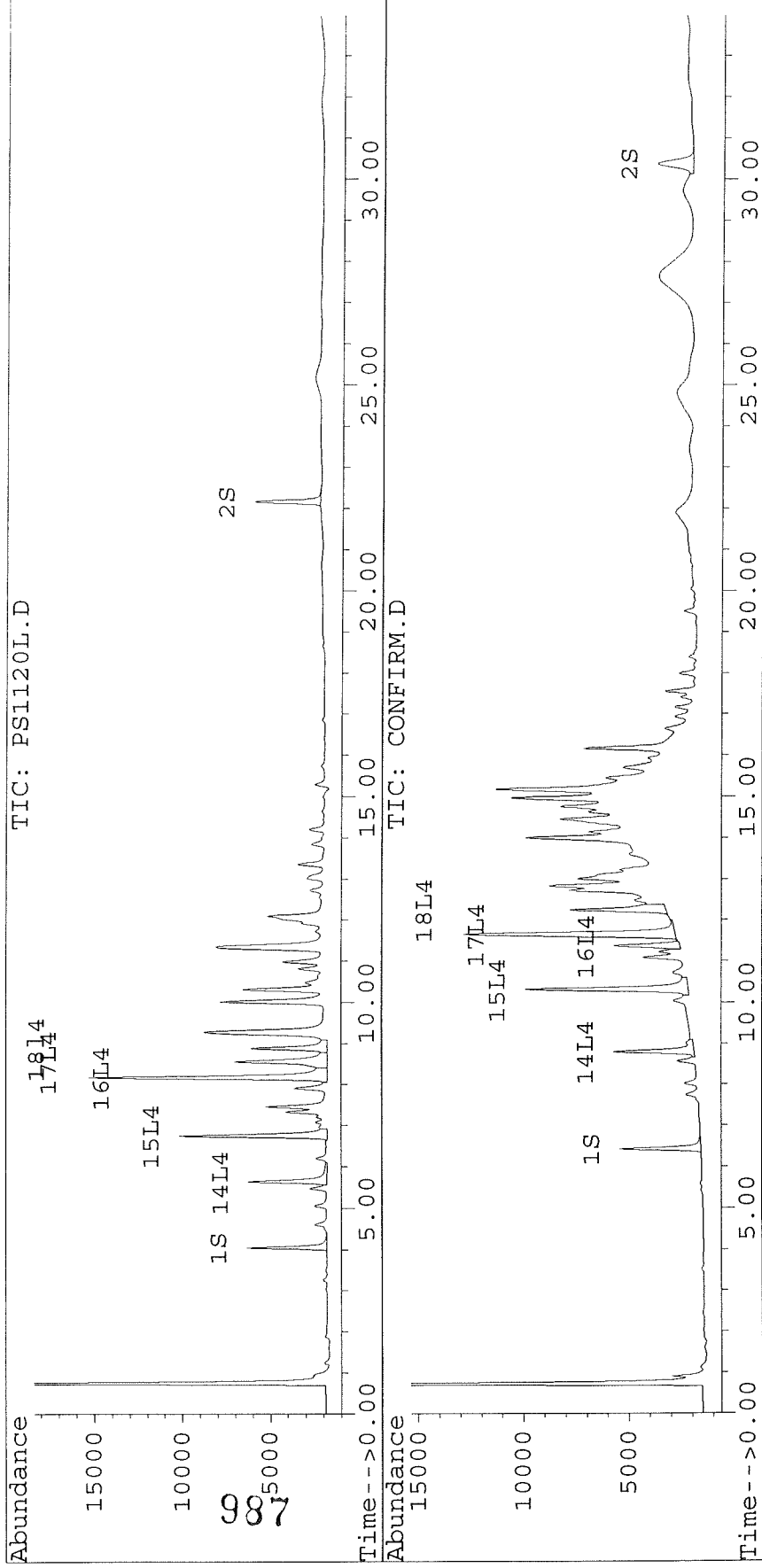
336

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120L.D Vial: 2
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120L.D\CONFIRM.D
Acq On : 21 Nov 96 12:25 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 22 11:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
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 : D:\HPCHEM\5\20NOV96\PS1120M.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120M.D\CONFIRM.D
 Acq On : 21 Nov 96 01:03 PM
 Sample : PCB COGENERERS 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 11:25 1996

Vial: 14
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	6168	5006	24.742	25.635
			Recovery	=	61.86%	64.09%
2) S Decachlorobiphenyl	22.16	30.39	4176	1960	20.524	20.183m
			Recovery	=	51.31%	50.46%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.67	29843	27661	276.173	285.785m
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	52888	47280	282.820m	279.703m
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
20) L5 Aroclor-1248 {2}	0.00	0.00	988	0	N.D.d	N.D.d

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120M.D Vial: 14
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120M.D\CONFIRM.D
 Acq On : 21 Nov 96 01:03 PM Operator: JS
 Sample : PCB COGENERES 0.25 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 22 11:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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

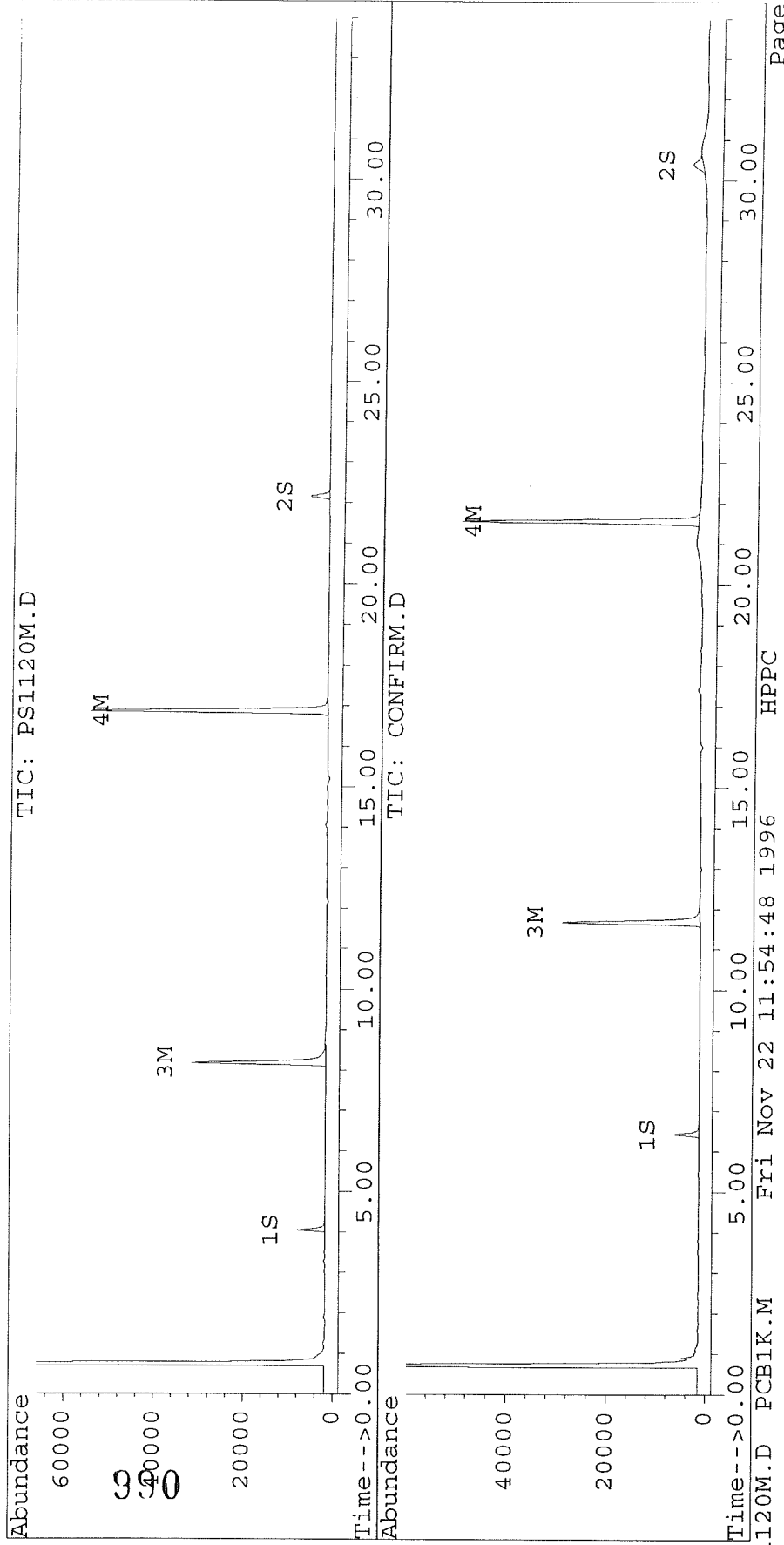
989

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120M.D Vial: 14
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120M.D\CONFIRM.D
Acq On : 21 Nov 96 01:03 PM Operator: JS
Sample : PCB COGENERS 0.25 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 22 11:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\20NOV96\PS1120Q.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120Q.D\CONFIRM.D
 Acq On : 22 Nov 96 01:37 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 13:11 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5073	4150	20.350	21.253
			Recovery	=	50.88%	53.13%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	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.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
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d

091

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120Q.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120Q.D\CONFIRM.D
 Acq On : 22 Nov 96 01:37 AM
 Sample : AR1254 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 13:11 1996

Vial: 3
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
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	13.02	17.17	7556	7151	217.885	228.858
23) L6 Aroclor-1254 {2}	13.36	17.55	15934	15255	221.408	220.947
24) L6 Aroclor-1254 {3}	13.85	17.99	7293	9472	217.059	217.393
25) L6 Aroclor-1254 (4)	14.20	18.50	9776	6161	208.972	219.630
26) L6 Aroclor-1254 (5)	15.74	20.04	11839	9836	219.611	224.353
Total Aroclor-1254			52397	47874	1084.937	1111.181
Average Aroclor-1254					216.987	222.236
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

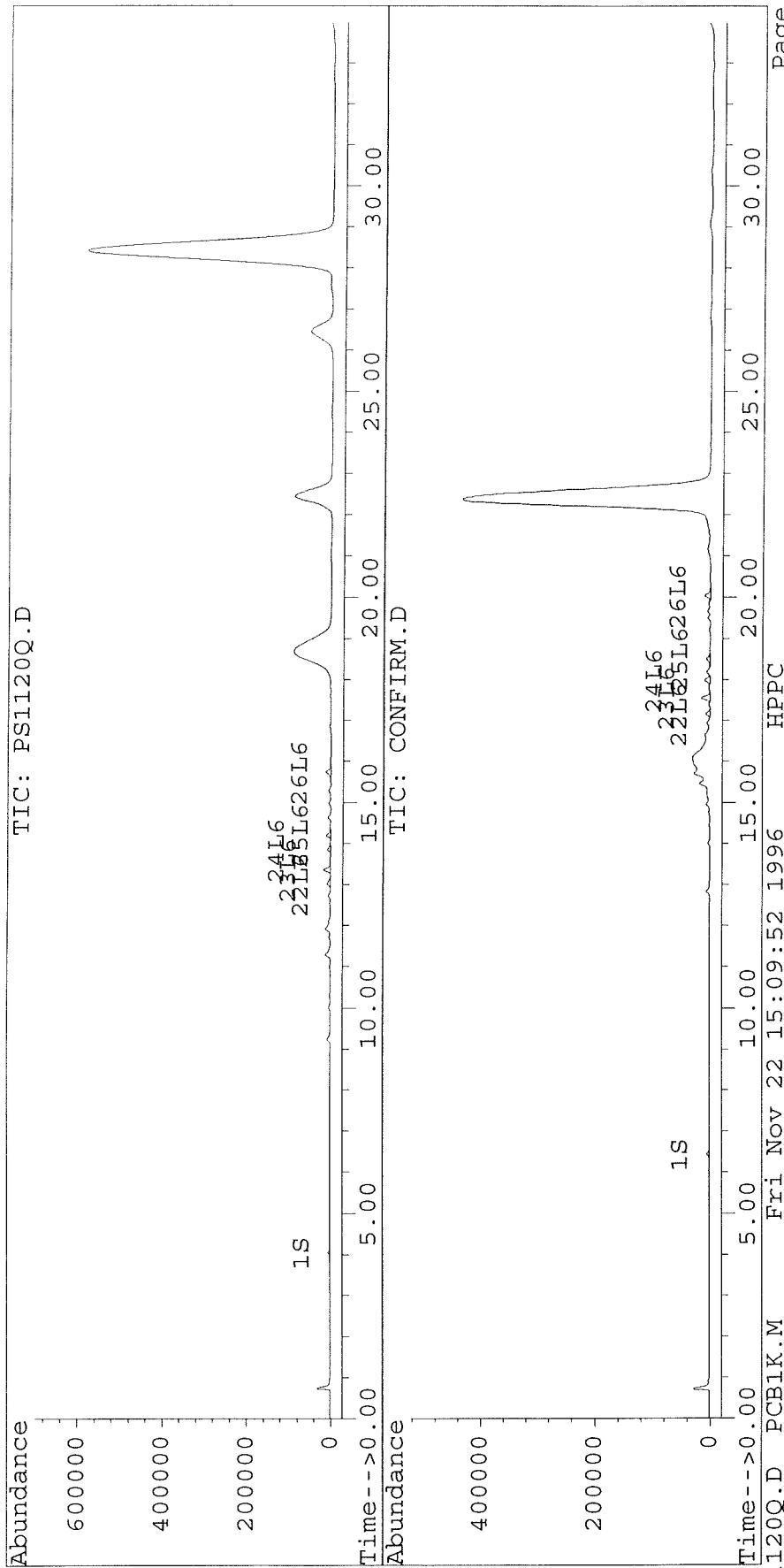
992

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120Q.D Vial: 3
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120Q.D\CONFIRM.D
Acq On : 22 Nov 96 01:37 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 22 13:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
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



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Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120R.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120R.D\CONFIRM.D
 Acq On : 22 Nov 96 02:14 AM
 Sample : AR1242 1.0 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 13:09 1996

Vial: 2
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	5263	4268	21.114	21.857
			Recovery	=	52.79%	54.64%
2) S Decachlorobiphenyl	22.16	30.38	4021	1767	19.762	18.190
			Recovery	=	49.41%	45.48%
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	5.64	8.79	4642	4012	195.227m	211.959
15) L4 Aroclor-1242 {2}	6.75	10.31	8883	8255	209.770m	222.466
16) L4 Aroclor-1242 {3}	8.16	11.37	14547	3559	225.427m	223.633
17) L4 Aroclor-1242 (4)	8.55	11.65	5320	10922	197.256m	216.217
18) L4 Aroclor-1242 (5)	8.88	12.24	4656	4801	209.683m	215.913
Total Aroclor-1242			38048	31550	1037.363	1090.188
Average Aroclor-1242					207.473	218.038
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120R.D Vial: 2
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120R.D\CONFIRM.D
 Acq On : 22 Nov 96 02:14 AM Operator: JS
 Sample : AR1242 1.0 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 22 13:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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

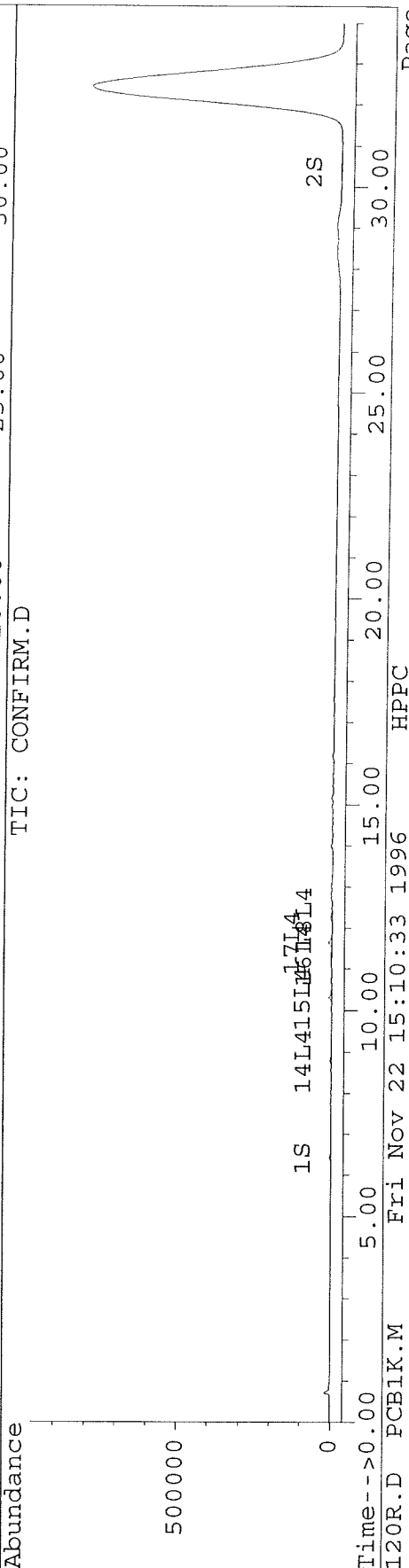
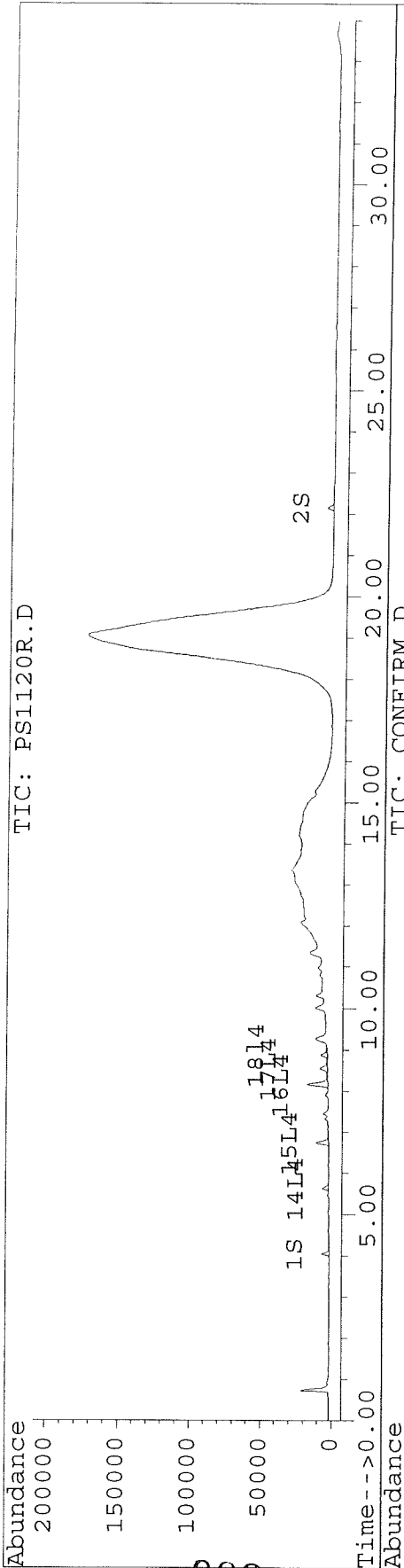
995

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120R.D Vial: 2
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120R.D\CONFIRM.D
Acq On : 22 Nov 96 02:14 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 22 13:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
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



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Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120S.D Vial: 14
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120S.D\CONFIRM.D
 Acq On : 22 Nov 96 02:52 AM Operator: JS
 Sample : PCB COGENERES 0.25 UG/ML Inst : ECD1
 Misc : 8080 ANALYSIS PCB Multiplr: 1.00
 Quant Time: Nov 22 13:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	6366	5093	25.538	26.080
			Recovery	=	63.85%	65.20%
2) S Decachlorobiphenyl	22.16	0.00	4106	0	20.179m	N.D.d#
			Recovery	=	50.45%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.67	30024	28355	<u>277.845</u> ✓	<u>292.952</u> ✓
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	53017	48022	<u>283.512m</u>	<u>284.093m</u> ✓
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
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d

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Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120S.D
 Signal #2 : D:\HPCHEM\5\20NOV96\PS1120S.D\CONFIRM.D
 Acq On : 22 Nov 96 02:52 AM
 Sample : PCB COGENERATORS 0.25 UG/ML
 Misc : 8080 ANALYSIS PCB
 Quant Time: Nov 22 13:06 1996

Vial: 14
 Operator: JS
 Inst : ECD1
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
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

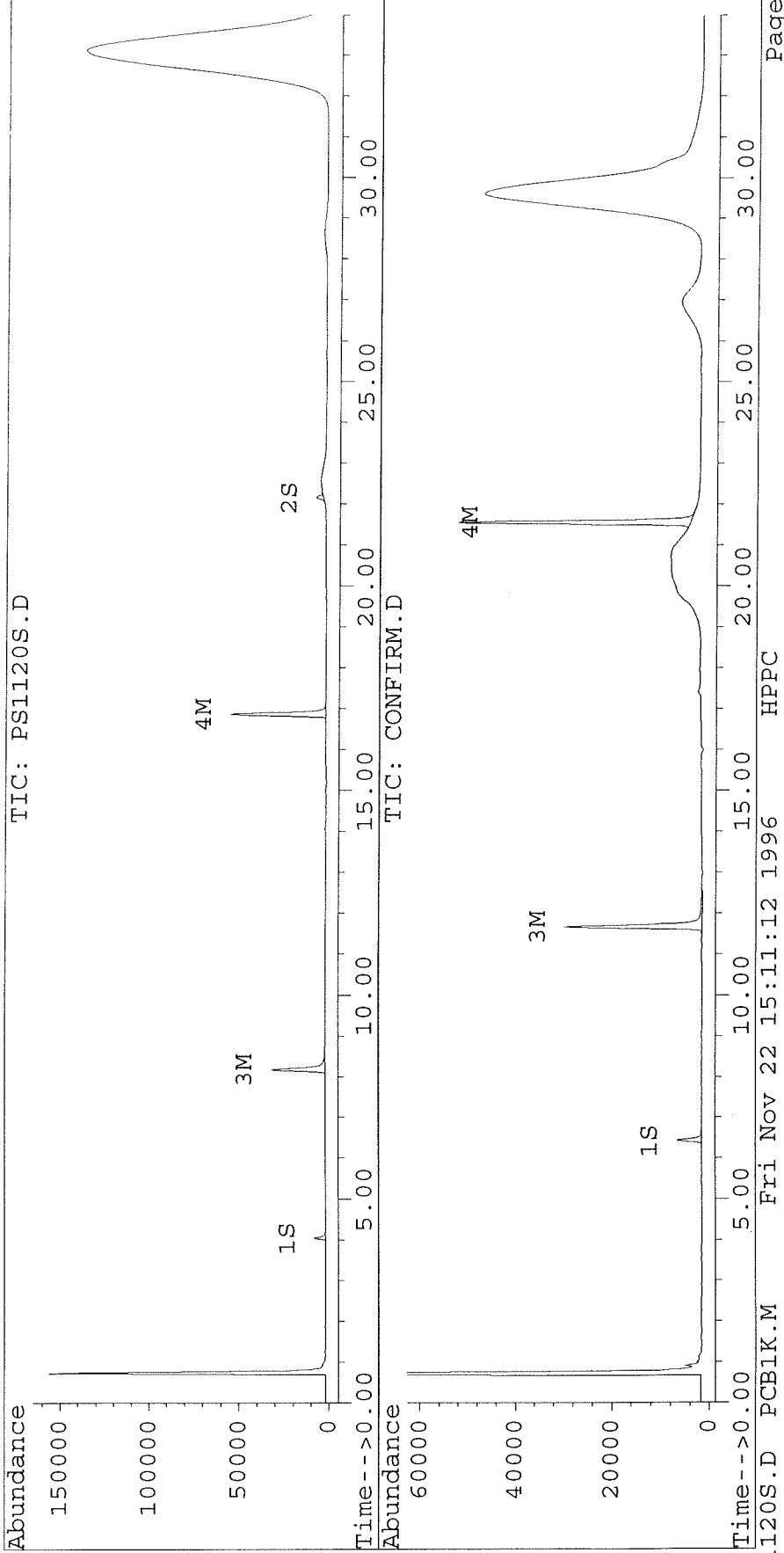
998

Quantitation Report

Signal #1 : D:\HPCHEM\5\20NOV96\PS1120S.D Vial: 14
Signal #2 : D:\HPCHEM\5\20NOV96\PS1120S.D\CONFIRM.D
Acq On : 22 Nov 96 02:52 AM Operator: JS
Sample : PCB COGENERS 0.25 UG/ML Inst : ECD1
Misc : 8080 ANALYSIS PCB Multiplr: 1.00
Quant Time: Nov 22 13:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\24NOV96\SB2A0020.D
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0020.D\CONFIRM.D
 Acq On : 24 Nov 96 02:46 PM
 Sample : 8080,PW961119A,AR1242 CON3
 Misc :
 Quant Time: Nov 24 15:25 1996

Vial: 1
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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	4.04	6.43	4500	3612	18.054	18.499
			Recovery	=	45.14%	46.25%
2) S Decachlorobiphenyl	22.15	30.37	3669	1707	18.032	17.576
			Recovery	=	45.08%	43.94%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.16	11.65	12334	9035	114.142	93.344
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	68	54	0.362	0.319
5) L1 Aroclor-1016	6.75	8.79	7942	3540	247.885	278.062
6) L1 Aroclor-1016 {2}	8.87	10.31	3825	7002	224.904	248.464
7) L1 Aroclor-1016 {3}	9.27	12.24	6422	3973	248.892	234.355
Total Aroclor-1016			18189	14515	721.681	760.882
Average Aroclor-1016					240.560	253.627
8) L2 Aroclor-1221	5.05	8.02	669	576	95.441	94.234
9) L2 Aroclor-1221 {2}	5.47	8.56	903	783	154.795	160.595
10) L2 Aroclor-1221 {3}	5.64	8.79	4200	3540	207.870	230.575
Total Aroclor-1221			5772	4899	458.106	485.404
Average Aroclor-1221					152.702	161.801
11) L3 Aroclor-1232	5.64	8.79	4200	3540	230.269	247.016
12) L3 Aroclor-1232 {2}	6.75	10.31	7942	7002	581.936	582.867
13) L3 Aroclor-1232 {3}	8.55	12.24	4700	3973	567.770	572.914
Total Aroclor-1232			16842	14515	1379.975	1402.797
Average Aroclor-1232					459.992	467.599
14) L4 Aroclor-1242	5.64	8.79	4200	3540	176.648	187.007
15) L4 Aroclor-1242 {2}	6.75	10.31	7942	7002	187.547	188.700
16) L4 Aroclor-1242 {3}	8.16	11.37	12334	2999	191.136	188.391
17) L4 Aroclor-1242 (4)	8.55	11.65	4700	9035	174.260	178.862
18) L4 Aroclor-1242 (5)	8.87	12.24	3825	3973	172.271	178.663
Total Aroclor-1242			33001	26548	901.862	921.623
Average Aroclor-1242					180.372	184.325
19) L5 Aroclor-1248	9.27	14.95	6422	3746	227.876	186.808
20) L5 Aroclor-1248 {2}	10.01	15.17	5480	4321	233.236	209.424

1000

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0020.D Vial: 1
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0020.D\CONFIRM.D
 Acq On : 24 Nov 96 02:46 PM Operator: JS
 Sample : 8080,PW961119A,AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 24 15:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.34	16.17	5457	3152	179.293	203.712
Total Aroclor-1248			17359	11219	640.405	599.944
Average Aroclor-1248					213.468	199.981
22) L6 Aroclor-1254	13.02	17.17	825	727	23.785	23.279
23) L6 Aroclor-1254 {2}	13.35	17.56	1353	1345	18.797	19.477
24) L6 Aroclor-1254 {3}	13.84	17.99	640	768	19.058	17.625
25) L6 Aroclor-1254 (4)	14.20	0.00	770	0	16.461	N.D. #
26) L6 Aroclor-1254 (5)	15.74	20.04	188	154	3.492	3.514
Total Aroclor-1254			3776	2994	81.593	63.895
Average Aroclor-1254					16.319	15.974
27) L7 Aroclor-1260	13.84	18.18	640	146	18.505	4.482 #
28) L7 Aroclor-1260 {2}	14.63	0.00	127	0	3.209	N.D. #
29) L7 Aroclor-1260 {3}	17.84	21.92	28	39	0.505	0.729 #
Total Aroclor-1260			796	185	22.219	5.211
Average Aroclor-1260					7.406	2.606
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

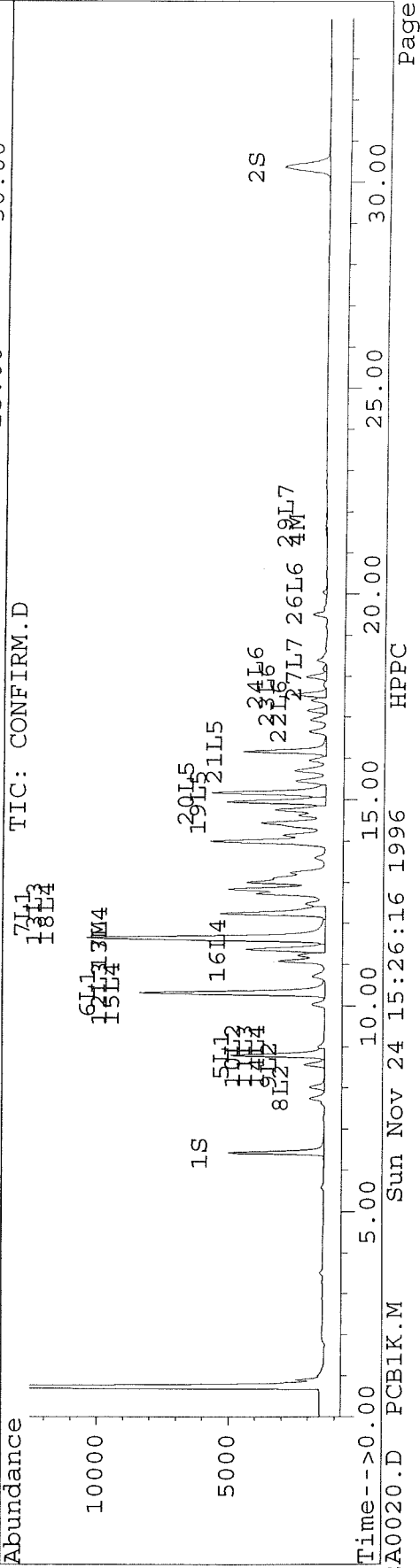
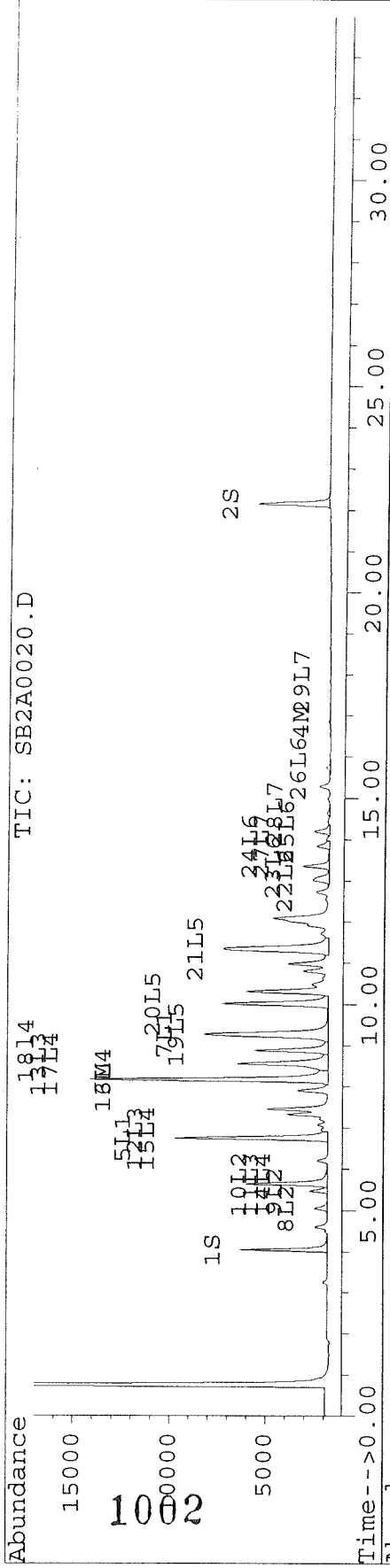
1001

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0020.D Vial: 1
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0020.D\CONFIRM.D
 Acq On : 24 Nov 96 02:46 PM Operator: JS
 Sample : 8080,PW961119A,ARI242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 24 15:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\24NOV96\SB2A0022.D Vial: 3
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0022.D\CONFIRM.D
 Acq On : 24 Nov 96 04:02 PM Operator: JS
 Sample : 8080,PW961119B,AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 24 16:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4459	3588	17.888	18.372
			Recovery	=	44.72%	45.93%
2) S Decachlorobiphenyl	22.15	30.37	3627	1694	17.829	17.442
			Recovery	=	44.57%	43.61%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	274	215	2.540	2.219
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	3022	2304	16.162	13.629
5) L1 Aroclor-1016	6.75	8.80	178	55	5.543	4.309
6) L1 Aroclor-1016 {2}	8.88	10.32	90	159	5.302	5.627
7) L1 Aroclor-1016 {3}	9.23f	12.25	5802	73	224.847	4.322 #
Total Aroclor-1016			6069	287	235.692	14.258
Average Aroclor-1016					78.564	4.753
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.64	8.80	70	55	3.487	3.573
Total Aroclor-1221			70	55	3.487	3.573
Average Aroclor-1221					3.487	3.573
11) L3 Aroclor-1232	5.64	8.80	70	55	3.863	3.828
12) L3 Aroclor-1232 {2}	6.75	10.32	178	159	13.013	13.201
13) L3 Aroclor-1232 {3}	8.55	12.25	105	73	12.650	10.566
Total Aroclor-1232			353	287	29.525	27.595
Average Aroclor-1232					9.842	9.198
14) L4 Aroclor-1242	5.64	8.80	70	55	2.963	2.898
15) L4 Aroclor-1242 {2}	6.75	10.32	178	159	4.194	4.274
16) L4 Aroclor-1242 {3}	8.17	11.38	274	58	4.254	3.613
17) L4 Aroclor-1242 (4)	8.55	11.65	105	215	3.882	4.252
18) L4 Aroclor-1242 (5)	8.88	12.25	90	73	4.061	3.295
Total Aroclor-1242			717	559	19.354	18.331
Average Aroclor-1242					3.871	3.666
19) L5 Aroclor-1248	9.23f	14.95	5802	3282	205.862	163.674
20) L5 Aroclor-1248 {2}	10.01	15.17	2801	1056	119.205	51.197 #

1003

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0022.D Vial: 3
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0022.D\CONFIRM.D
 Acq On : 24 Nov 96 04:02 PM Operator: JS
 Sample : 8080,PW961119B,AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 24 16:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul	
21) L5 Aroclor-1248 {3}	11.29f	16.18	10318	713	338.987	46.104	#
Total Aroclor-1248			18921	5052	664.054	260.976	
Average Aroclor-1248					221.351	86.992	
22) L6 Aroclor-1254	13.01	17.17	6535	5876	188.444	188.057	
23) L6 Aroclor-1254 {2}	13.35	17.55	13912	13450	193.310	194.803	
24) L6 Aroclor-1254 {3}	13.85	17.99	6565	7719	195.404	177.159	
25) L6 Aroclor-1254 (4)	14.20	18.50	8099	5319	173.128	189.623	
26) L6 Aroclor-1254 (5)	15.74	20.04	10336	8167	191.741	186.281	
Total Aroclor-1254			45447	40531	942.027	935.923	
Average Aroclor-1254					188.405	187.185	
27) L7 Aroclor-1260	13.85	18.18	6565	5064	189.735	155.890	
28) L7 Aroclor-1260 {2}	14.63	18.50	5839	5319	147.142	144.758	
29) L7 Aroclor-1260 {3}	17.84	21.92	1373	1255	24.865	23.176	
Total Aroclor-1260			13777	11639	361.742	323.824	
Average Aroclor-1260					120.581	107.941	
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	28.12	0	13	N.D.	NoCal	
Total Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

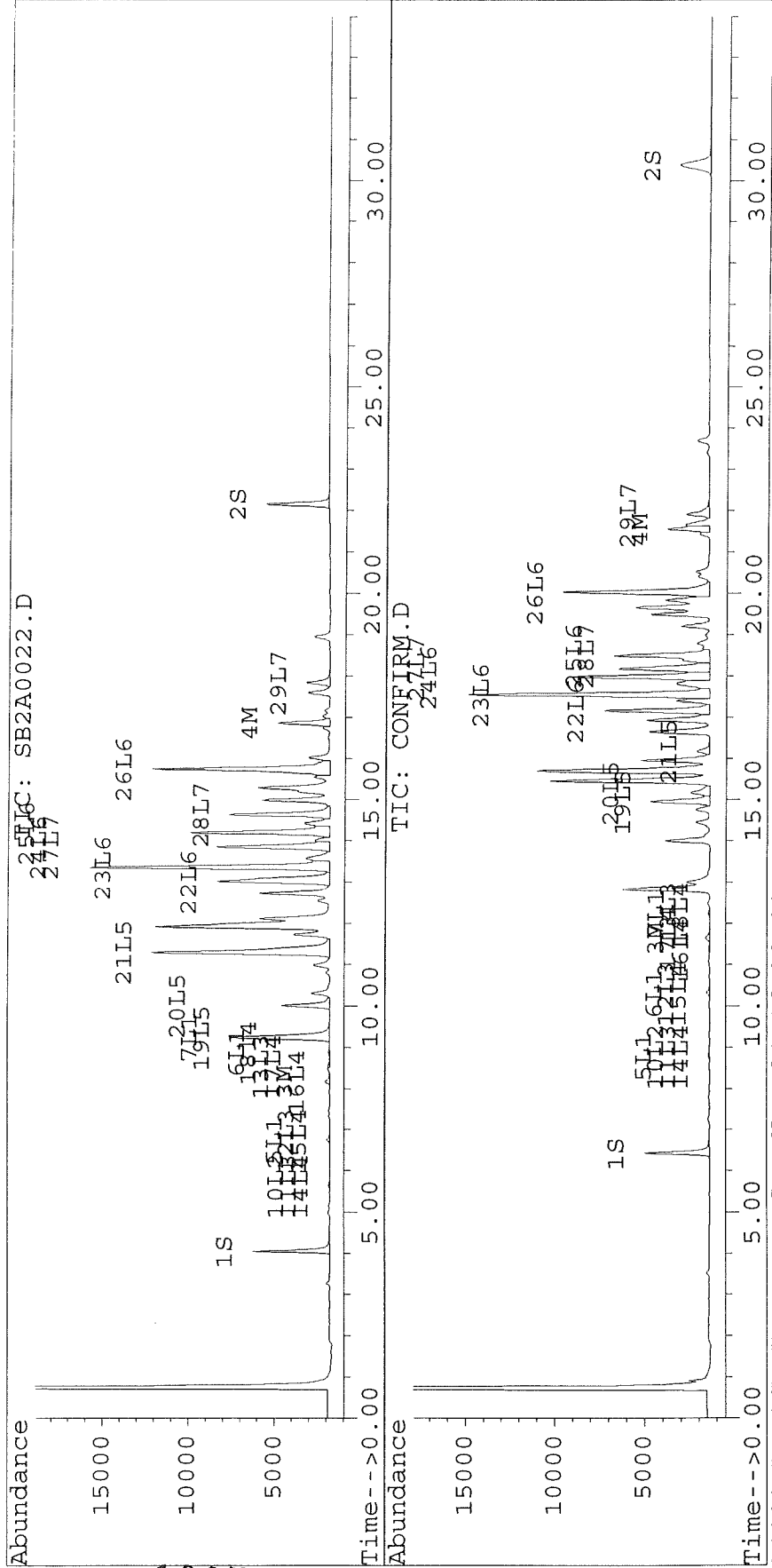
1004

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0022.D Vial: 3
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0022.D\CONFIRM.D
 Acq On : 24 Nov 96 04:02 PM Operator: JS
 Sample : 8080,PW961119B,AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 24 16:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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



1005

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0023.D Vial: 4
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0023.D\CONFIRM.D
 Acq On : 24 Nov 96 04:39 PM Operator: JS
 Sample : 8080, PW961026A, CONGENER, 0.025UG/ML Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 24 17:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	5695	4376	22.845	22.408
			Recovery	=	57.11%	56.02%
2) S Decachlorobiphenyl	22.15	30.37	3871	1800	19.025	18.529
			Recovery	=	47.56%	46.32%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.67	26389	23917	244.205	247.098
4) M 2,2',3,3',4,4'-Hexa	16.86	21.55	47862	43548	255.944	257.624
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	8.01	0	34	N.D.	5.613 #
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	34	N.D.	5.613
Average Aroclor-1221					0.000	5.613
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}	8.17	0.00	26389	0	408.931	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.67	0	23917	N.D.	473.478 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			26389	23917	408.931	473.478
Average Aroclor-1242					408.931	473.478
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0023.D Vial: 4
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0023.D\CONFIRM.D
 Acq On : 24 Nov 96 04:39 PM Operator: JS
 Sample : 8080, PW961026A, CONGENER, 0.025UG/ML Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 24 17:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.31	16.17	18	9	0.604	0.602
Total Aroclor-1248			18	9	0.604	0.602
Average Aroclor-1248					0.604	0.602
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}	13.84	0.00	132	0	3.922	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			132	0	3.922	N.D.
Average Aroclor-1254					3.922	0.000
27) L7 Aroclor-1260	13.84	0.00	132	0	3.808	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			132	0	3.808	N.D.
Average Aroclor-1260					3.808	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

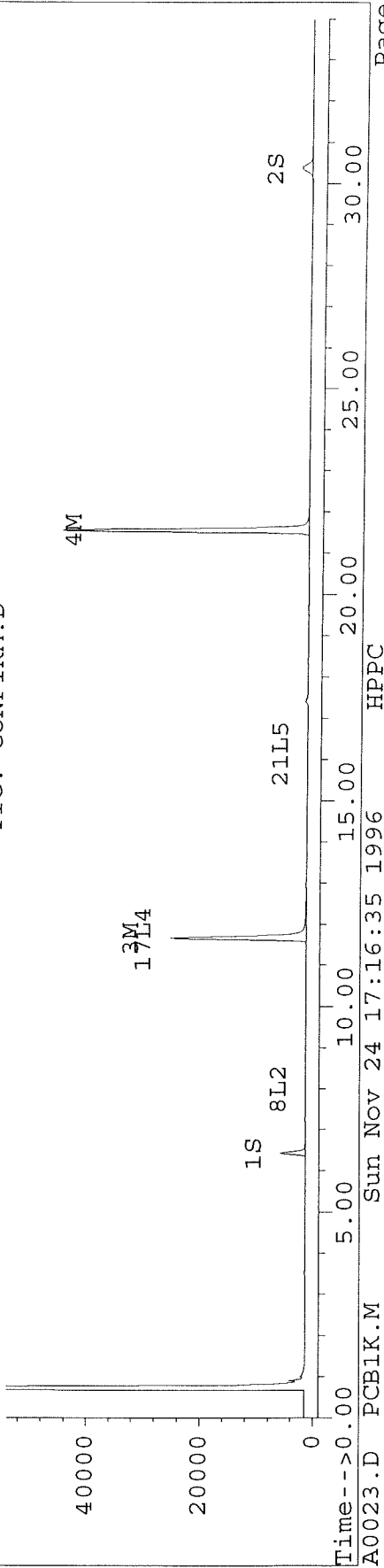
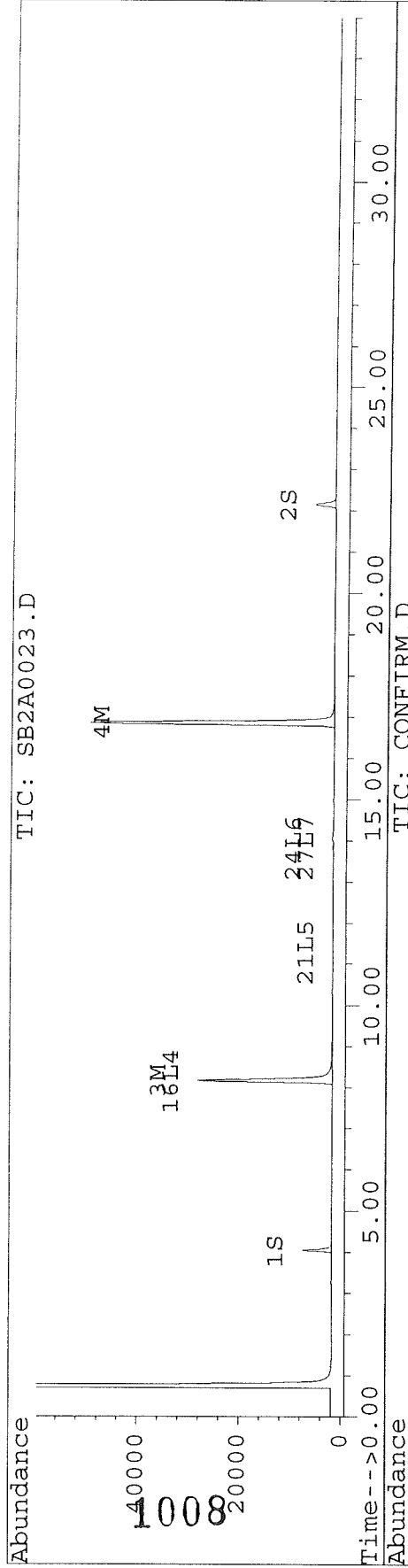
1007

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0023.D Vial: 4
Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0023.D\CONFIRM.D
Acq On : 24 Nov 96 04:39 PM Operator: JS
Sample : 8080, PW961026A, CONGENER, 0.025UG/ML Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Nov 24 17:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\24NOV96\SB2A0024.D Vial: 5
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0024.D\CONFIRM.D
 Acq On : 24 Nov 96 05:28 PM Operator: JS
 Sample : 8080,C995-74,4X,PI5 Inst : SB2
 Misc : VHB/15.3G/25ML/81% SOLID Multiplr: 1.00
 Quant Time: Nov 24 18:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.05	6.42	1927	1690	7.729	8.655
			Recovery	=	19.32%	21.64%
2) S Decachlorobiphenyl	22.16	30.37	1668	886	8.200	9.121
			Recovery	=	20.50%	22.80%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	72950	54938	675.095	567.602
4) M 2,2',3,3',4,4'-Hexa	16.86	21.55	4350	2974	23.261	17.594
5) L1 Aroclor-1016	6.76	8.78	17906	2201	558.897	172.857 #
6) L1 Aroclor-1016 {2}	8.88	10.30	24597	15863	1446.133	562.872 #
7) L1 Aroclor-1016 {3}	9.27	12.23	39361	9776	1525.460	576.693 #
Total Aroclor-1016			81864	27840	3530.490	1312.423
Average Aroclor-1016					1176.830	437.474
8) L2 Aroclor-1221	5.06	8.01	233	352	33.212	57.511 #
9) L2 Aroclor-1221 {2}	5.48	8.55	541	1785	92.743	366.059 #
10) L2 Aroclor-1221 {3}	5.65	8.78	5148	2201	254.769	143.337 #
Total Aroclor-1221			5922	4338	380.724	566.906
Average Aroclor-1221					126.908	188.969
11) L3 Aroclor-1232	5.65	8.78	5148	2201	282.222	153.557 #
12) L3 Aroclor-1232 {2}	6.76	10.30	17906	15863	1312.071	1320.431
13) L3 Aroclor-1232 {3}	8.56	12.23	11648	9776	1407.118	1409.805
Total Aroclor-1232			34702	27840	3001.411	2883.794
Average Aroclor-1232					1000.470	961.265
14) L4 Aroclor-1242	5.65	8.78	5148	2201	216.503	116.253 #
15) L4 Aroclor-1242 {2}	6.76	10.30	17906	15863	422.855	427.481
16) L4 Aroclor-1242 {3}	8.17	11.36	72950	8496	1130.471	533.776 #
17) L4 Aroclor-1242 (4)	8.56	11.65	11648	54938	431.873	1087.612 #
18) L4 Aroclor-1242 (5)	8.88	12.23	24597	9776	1107.705	439.648 #
Total Aroclor-1242			132249	91274	3309.406	2604.770
Average Aroclor-1242					661.881	520.954
19) L5 Aroclor-1248	9.27	14.94	39361	18445	1396.656	919.892 #
20) L5 Aroclor-1248 {2}	10.02	15.16	36770	22020	1564.992	1067.313

1009

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0024.D Vial: 5
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0024.D\CONFIRM.D
 Acq On : 24 Nov 96 05:28 PM Operator: JS
 Sample : 8080,C995-74,4X,PI5 Inst : SB2
 Misc : VHB/15.3G/25ML/81% SOLID Multiplr: 1.00
 Quant Time: Nov 24 18:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.32	16.17	31181	13483	1024.381	871.286
Total Aroclor-1248			107312	53948	3986.029	2858.490
Average Aroclor-1248					1328.676	952.830
22) L6 Aroclor-1254	13.02	17.16	10782	9408	310.929	301.102
23) L6 Aroclor-1254 {2}	13.36	17.55	21732	19769	301.967	286.330
24) L6 Aroclor-1254 {3}	13.85	17.98	10026	11884	298.399	272.748
25) L6 Aroclor-1254 (4)	14.20	18.50	12724	7147	271.979	254.766
26) L6 Aroclor-1254 (5)	15.75	20.03	13215	10783	245.149	245.964
Total Aroclor-1254			68479	58991	1428.423	1360.910
Average Aroclor-1254					285.685	272.182
27) L7 Aroclor-1260	13.85	18.18	10026	7009	289.742	215.753 #
28) L7 Aroclor-1260 {2}	14.64	18.50	8039	7147	202.589	194.489
29) L7 Aroclor-1260 {3}	17.84	21.91	2873	2727	52.023	50.361
Total Aroclor-1260			20938	16883	544.354	460.603
Average Aroclor-1260					181.451	153.534
30) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
31) L8 Aroclor-1268 {2}	0.00	23.53	0	515	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	28.13	0	392	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

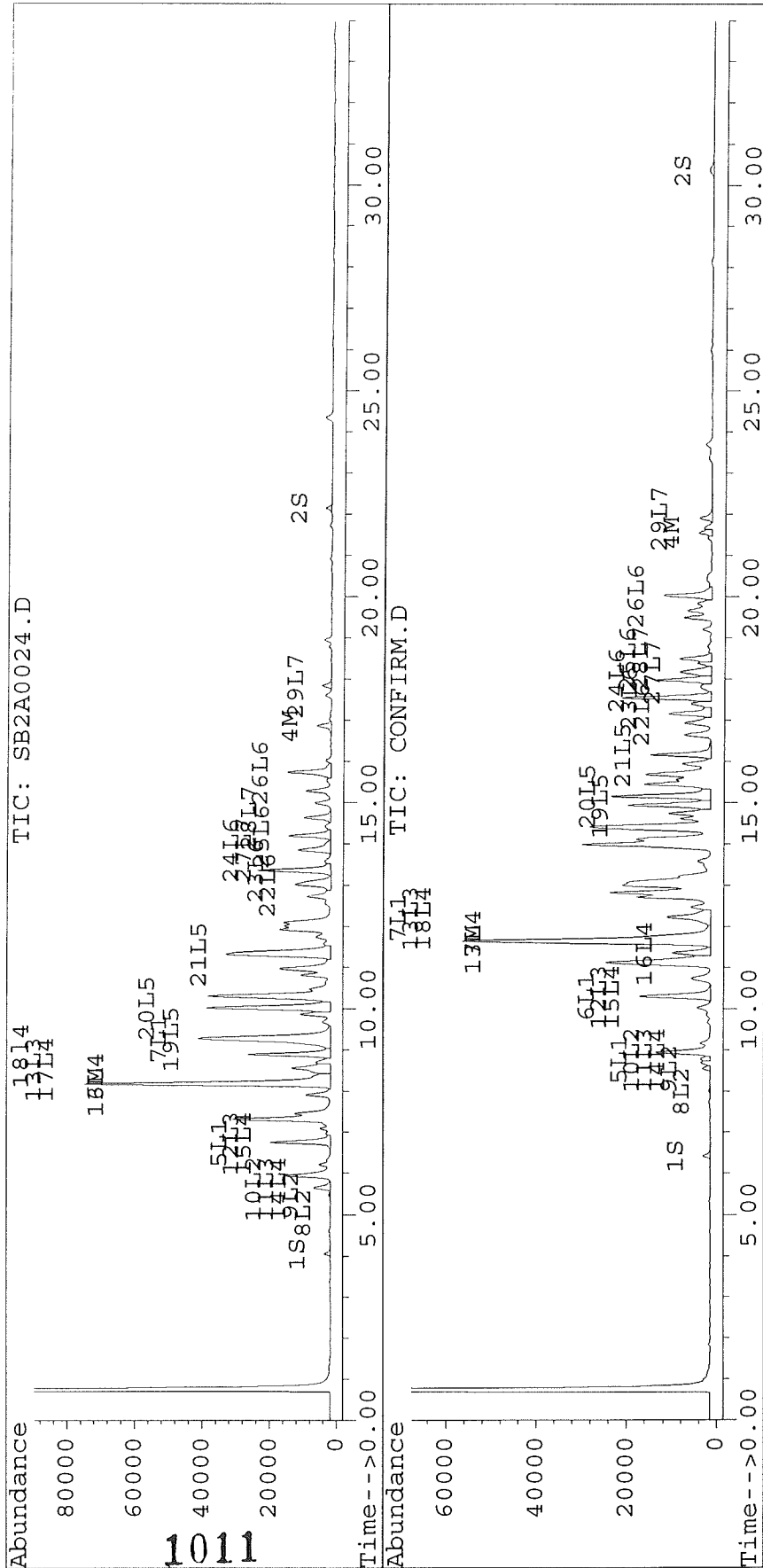
1010

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0024.D Vial: 5
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0024.D\CONFIRM.D
 Acq On : 24 Nov 96 05:28 PM Operator: JS
 Sample : 8080,C995-74,4X,PI5 Inst : SB2
 Misc : VHB/15.3G/25ML/81% SOLID Multiplr: 1.00
 Quant Time: Nov 24 18:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\24NOV96\SB2A0025.D Vial: 6
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0025.D\CONFIRM.D
 Acq On : 24 Nov 96 06:06 PM Operator: JS
 Sample : 8080,C995-68,2X,PG5 Inst : SB2
 Misc : VHB/15.3G/25ML/89% SOLID Multiplr: 1.00
 Quant Time: Nov 24 18:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4061	3497	16.289	17.910
			Recovery	=	40.72%	44.78%
2) S Decachlorobiphenyl	22.15	30.37	3360	1929	16.516	19.861
			Recovery	=	41.29%	49.65%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.16	11.65	110744	83487	1024.850	862.557
4) M 2,2',3,3',4,4'-Hexa	16.87	21.56	13689	8763	73.204	51.840 #
5) L1 Aroclor-1016	6.75	8.79	21159	3306	660.418	259.668 #
6) L1 Aroclor-1016 {2}	8.87	10.31	37968	19097	2232.282	677.601 #
7) L1 Aroclor-1016 {3}	9.26	12.23	59967	13947	2324.062	822.745 #
Total Aroclor-1016			119094	36349	5216.762	1760.014
Average Aroclor-1016					1738.921	586.671
8) L2 Aroclor-1221	5.05	8.02	417	698	59.553	114.114 #
9) L2 Aroclor-1221 {2}	5.47	8.56	929	2782	159.247	570.416 #
10) L2 Aroclor-1221 {3}	5.64	8.79	7345	3306	363.509	215.323 #
Total Aroclor-1221			8691	6786	582.308	899.853
Average Aroclor-1221					194.103	299.951
11) L3 Aroclor-1232	5.64	8.79	7345	3306	402.679	230.676 #
12) L3 Aroclor-1232 {2}	6.75	10.31	21159	19097	1550.402	1589.570
13) L3 Aroclor-1232 {3}	8.55	12.23	16662	13947	2012.873	2011.312
Total Aroclor-1232			45166	36349	3965.954	3831.558
Average Aroclor-1232					1321.985	1277.186
14) L4 Aroclor-1242	5.64	8.79	7345	3306	308.909	174.636 #
15) L4 Aroclor-1242 {2}	6.75	10.31	21159	19097	499.664	514.613
16) L4 Aroclor-1242 {3}	8.16	11.37	110744	11271	1716.147	708.122 #
17) L4 Aroclor-1242 (4)	8.55	11.65	16662	83487	617.791	1652.792 #
18) L4 Aroclor-1242 (5)	8.87	12.23	37968	13947	1709.877	627.229 #
Total Aroclor-1242			193878	131107	4852.390	3677.393
Average Aroclor-1242					970.478	735.479
19) L5 Aroclor-1248	9.26	14.95	59967	33125	2127.827	1652.009
20) L5 Aroclor-1248 {2}	10.01	15.16	57041	36860	2427.765	1786.604
21) L5 Aroclor-1248 {3}	11.31	16.17	56441	23339	1854.222	1508.178
Total Aroclor-1248			173448	93323	6409.814	4946.791
Average Aroclor-1248					2136.605	1648.930
22) L6 Aroclor-1254	13.01	17.17	25184	22383	726.264	716.358

23)	L6	Aroclor-1254	{2}	13.35	17.55	49341	45859	685.595	664.213
24)	L6	Aroclor-1254	{3}	13.85	17.98	23167	29760	689.533	683.029
25)	L6	Aroclor-1254	(4)	14.19	18.50	31893	18653	681.744	664.924
26)	L6	Aroclor-1254	(5)	15.74	20.04	36189	29759	671.327	678.799
Total Aroclor-1254						165775	146414	3454.463	3407.323
Average Aroclor-1254								690.893	681.465
27)	L7	Aroclor-1260		13.85	18.18	23167	16998	669.528	523.222
28)	L7	Aroclor-1260	{2}	14.63	18.50	20036	18653	504.929	507.604
29)	L7	Aroclor-1260	{3}	17.84	21.92	8978	9367	162.539	172.990
Total Aroclor-1260						52180	45018	1336.996	1203.816
Average Aroclor-1260								445.665	401.272
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	28.13	0	1373	N.D.	NoCal
Total Aroclor-1268						0	0	N.D.	N.D.
Average Aroclor-1268								0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
 SB2A0025.D PCB1K.M Sun Nov 24 19:02:55 1996 HPPC

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0027.D Vial: 8
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0027.D\CONFIRM.D
 Acq On : 24 Nov 96 07:31 PM Operator: JS
 Sample : 8080,C995-64,3X,PF4 Inst : SB2
 Misc : VHB/15.0G/25ML/88% SOLID Multiplr: 1.00
 Quant Time: Nov 25 7:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1KE.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:04:52 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	3086	2537	12.381	12.993
			Recovery	=	30.95%	32.48%
2) S Decachlorobiphenyl	22.15	30.40	1510	2397	7.424	24.676 #
			Recovery	=	18.56%	61.69%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.16	11.66	55840	41441	516.758	428.158
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	7067	4670	37.794	27.628 #
5) L1 Aroclor-1016	6.75	8.79	14843	2314	463.279	181.742 #
6) L1 Aroclor-1016 {2}	8.87	10.31	17841	13198	1048.932	468.304 #
7) L1 Aroclor-1016 {3}	9.26	12.24	31595	8274	1224.466	488.112 #
Total Aroclor-1016			64278	23786	2736.676	1138.158
Average Aroclor-1016					912.225	379.386
8) L2 Aroclor-1221	5.05	8.02	363	529	51.773	86.429 #
9) L2 Aroclor-1221 {2}	5.47	8.56	618	1808	105.916	370.715 #
10) L2 Aroclor-1221 {3}	5.64	8.79	4738	2314	234.506	150.705 #
Total Aroclor-1221			5719	4650	392.194	607.848
Average Aroclor-1221					130.731	202.616
11) L3 Aroclor-1232	5.64	8.79	4738	2314	259.775	161.450 #
12) L3 Aroclor-1232 {2}	6.75	10.31	14843	13198	1087.597	1098.584
13) L3 Aroclor-1232 {3}	8.55	12.24	9479	8274	1145.149	1193.257
Total Aroclor-1232			29060	23786	2492.521	2453.291
Average Aroclor-1232					830.840	817.764
14) L4 Aroclor-1242	5.64	8.79	4738	2314	199.283	122.228 #
15) L4 Aroclor-1242 {2}	6.75	10.31	14843	13198	350.511	355.660
16) L4 Aroclor-1242 {3}	8.16	11.37	55840	7090	865.330	445.465 #
17) L4 Aroclor-1242 (4)	8.55	11.66	9479	41441	351.469	820.417 #
18) L4 Aroclor-1242 (5)	8.87	12.24	17841	8274	803.458	372.118 #
Total Aroclor-1242			102742	72318	2570.051	2115.887
Average Aroclor-1242					514.010	423.177
19) L5 Aroclor-1248	9.26	14.95	31595	18162	1121.076	905.810
20) L5 Aroclor-1248 {2}	10.01	15.1014	29500	20016	1255.568	970.186

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0027.D Vial: 8
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0027.D\CONFIRM.D
 Acq On : 24 Nov 96 07:31 PM Operator: JS
 Sample : 8080,C995-64,3X,PF4 Inst : SB2
 Misc : VHB/15.0G/25ML/88% SOLID Multiplr: 1.00
 Quant Time: Nov 25 7:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1KE.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:04:52 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.31	16.17	31500	13204	1034.858	853.284
Total Aroclor-1248			92594	51383	3411.502	2729.280
Average Aroclor-1248					1137.167	909.760
22) L6 Aroclor-1254	13.01	17.17	13757	12032	396.707	385.060
23) L6 Aroclor-1254 {2}	13.35	17.55	27968	25877	388.619	374.807
24) L6 Aroclor-1254 {3}	13.84	17.98	13660	16490	406.582	378.472
25) L6 Aroclor-1254 (4)	14.19	18.50	17783	10644	380.128	379.418
26) L6 Aroclor-1254 (5)	15.74	20.04	20250	16432	375.650	374.815
Total Aroclor-1254			93418	81475	1947.685	1892.573
Average Aroclor-1254					389.537	378.515
27) L7 Aroclor-1260	13.84	18.18	13660	9693	394.786	298.359
28) L7 Aroclor-1260 {2}	14.63	18.50	12056	10644	303.836	289.648
29) L7 Aroclor-1260 {3}	17.83	21.91	5442	4828	98.519	89.163
Total Aroclor-1260			31158	25164	797.141	677.170
Average Aroclor-1260					265.714	225.723
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	28.14f	0	1030	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

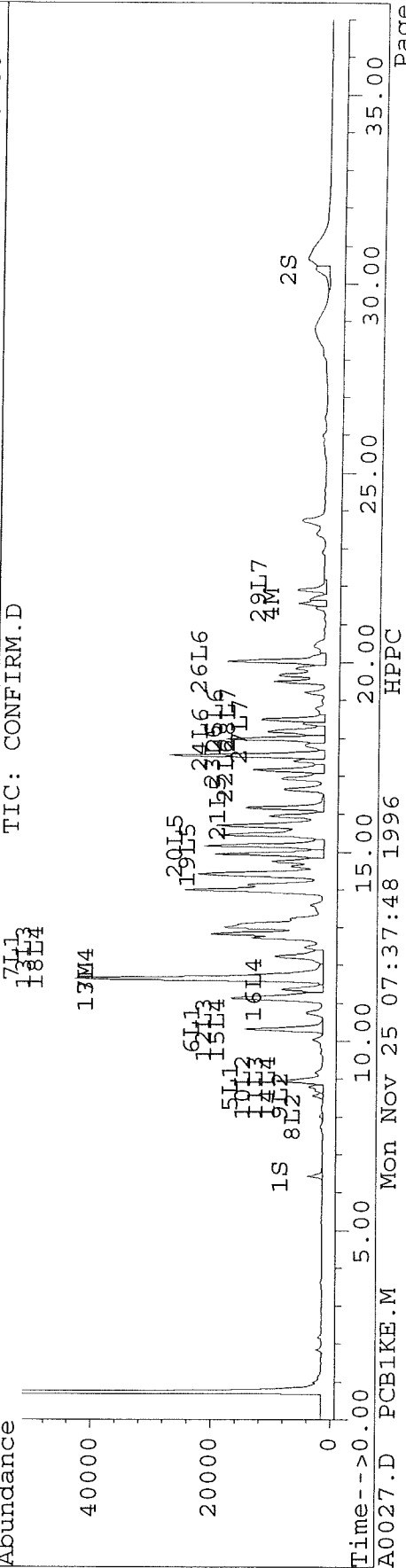
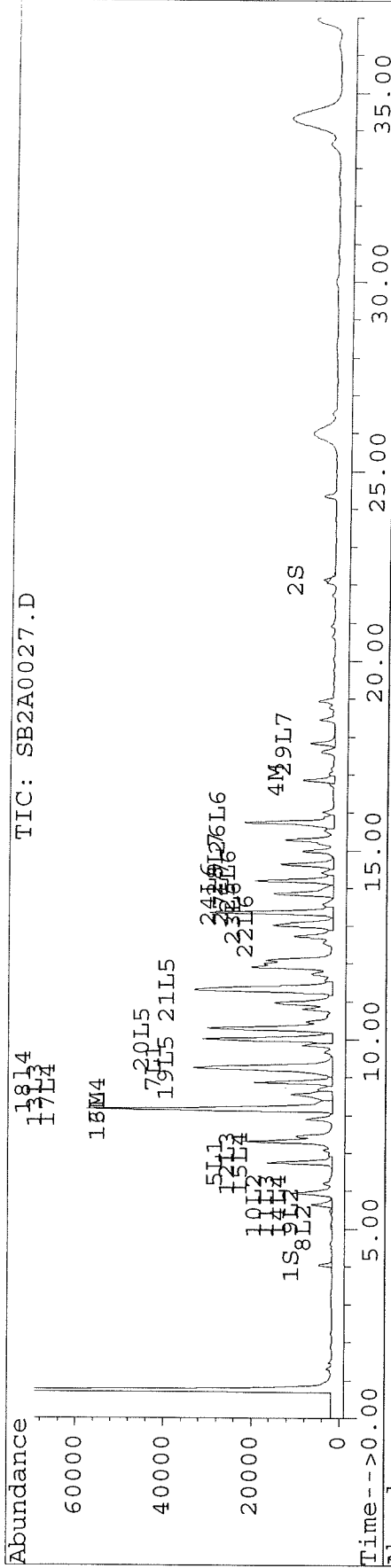
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Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0027.D Vial: 8
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0027.D\CONFIRM.D
 Acq On : 24 Nov 96 07:31 PM Operator: JS
 Sample : 8080,C995-64,3X,PF4 Inst : SB2
 Misc : VHB/15.0G/25ML/88% SOLID Multiplr: 1.00
 Quant Time: Nov 25 7:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1KE.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:04:52 1996
 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 : D:\HPCHEM\5\24NOV96\SB2A0033.D Vial: 2
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0033.D\CONFIRM.D
 Acq On : 24 Nov 96 11:35 PM Operator: JS
 Sample : 8080, PW961119A, AR1242, CONC3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 25 14:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4460	3636	17.891	18.618
			Recovery	=	44.73%	46.54%
2) S Decachlorobiphenyl	22.15	30.37	3429	1705	16.852	17.550
			Recovery	=	42.13%	43.88%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.16	11.65	12381	9152	114.572	94.551
4) M 2,2',3,3',4,4'-Hexa	16.86	21.57	95	277	0.509	1.641 #
5) L1 Aroclor-1016	6.75	8.79	7940	3555	247.832	279.270
6) L1 Aroclor-1016 {2}	8.87	10.31	3847	7082	226.158	251.304
7) L1 Aroclor-1016 {3}	9.27	12.24	6414	4069	248.585	240.009
Total Aroclor-1016			18201	14706	722.576	770.584
Average Aroclor-1016					240.859	256.861
8) L2 Aroclor-1221	5.05	8.02	676	584	96.439	95.577
9) L2 Aroclor-1221 {2}	5.47	8.56	905	787	155.189	161.279
10) L2 Aroclor-1221 {3}	5.64	8.79	4201	3555	207.932	231.577
Total Aroclor-1221			5783	4926	459.560	488.433
Average Aroclor-1221					153.187	162.811
11) L3 Aroclor-1232	5.64	8.79	4201	3555	230.337	248.089
12) L3 Aroclor-1232 {2}	6.75	10.31	7940	7082	581.814	589.529
13) L3 Aroclor-1232 {3}	8.55	12.24	4698	4069	567.501	586.735
Total Aroclor-1232			16839	14706	1379.652	1424.353
Average Aroclor-1232					459.884	474.784
14) L4 Aroclor-1242	5.64	8.79	4201	3555	176.700	187.820
15) L4 Aroclor-1242 {2}	6.75	10.31	7940	7082	187.507	190.856
16) L4 Aroclor-1242 {3}	8.16	11.37	12381	3062	191.856	192.367
17) L4 Aroclor-1242 (4)	8.55	11.65	4698	9152	174.177	181.174
18) L4 Aroclor-1242 (5)	8.87	12.24	3847	4069	173.232	182.974
Total Aroclor-1242			33067	26920	903.472	935.190
Average Aroclor-1242					180.694	187.038
19) L5 Aroclor-1248	9.27	14.95	6414	3722	227.596	185.602
20) L5 Aroclor-1248 {2}	10.01	15.17	5489	4272	233.634	207.050

-----1017-----

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0033.D Vial: 2
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0033.D\CONFIRM.D
 Acq On : 24 Nov 96 11:35 PM Operator: JS
 Sample : 8080, PW961119A, AR1242, CONC3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 25 14:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.34	16.17	5481	3174	180.062	205.111
Total Aroclor-1248			17384	11167	641.292	597.763
Average Aroclor-1248					213.764	199.254
22) L6 Aroclor-1254	13.02	17.17	834	748	24.063	23.932
23) L6 Aroclor-1254 {2}	13.35	17.55	1356	1317	18.841	19.070
24) L6 Aroclor-1254 {3}	13.84	17.99	644	758	19.171	17.389
25) L6 Aroclor-1254 (4)	14.20	0.00	776	0	16.583	N.D. #
26) L6 Aroclor-1254 (5)	15.74	20.04	181	203	3.349	4.634 #
Total Aroclor-1254			3791	3025	82.007	65.025
Average Aroclor-1254					16.401	16.256
27) L7 Aroclor-1260	13.84	18.18	644	146	18.615	4.480 #
28) L7 Aroclor-1260 {2}	14.63	0.00	128	0	3.230	N.D. #
29) L7 Aroclor-1260 {3}	17.84	21.90	31	261	0.569	4.826 #
Total Aroclor-1260			804	407	22.414	9.306
Average Aroclor-1260					7.471	4.653
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

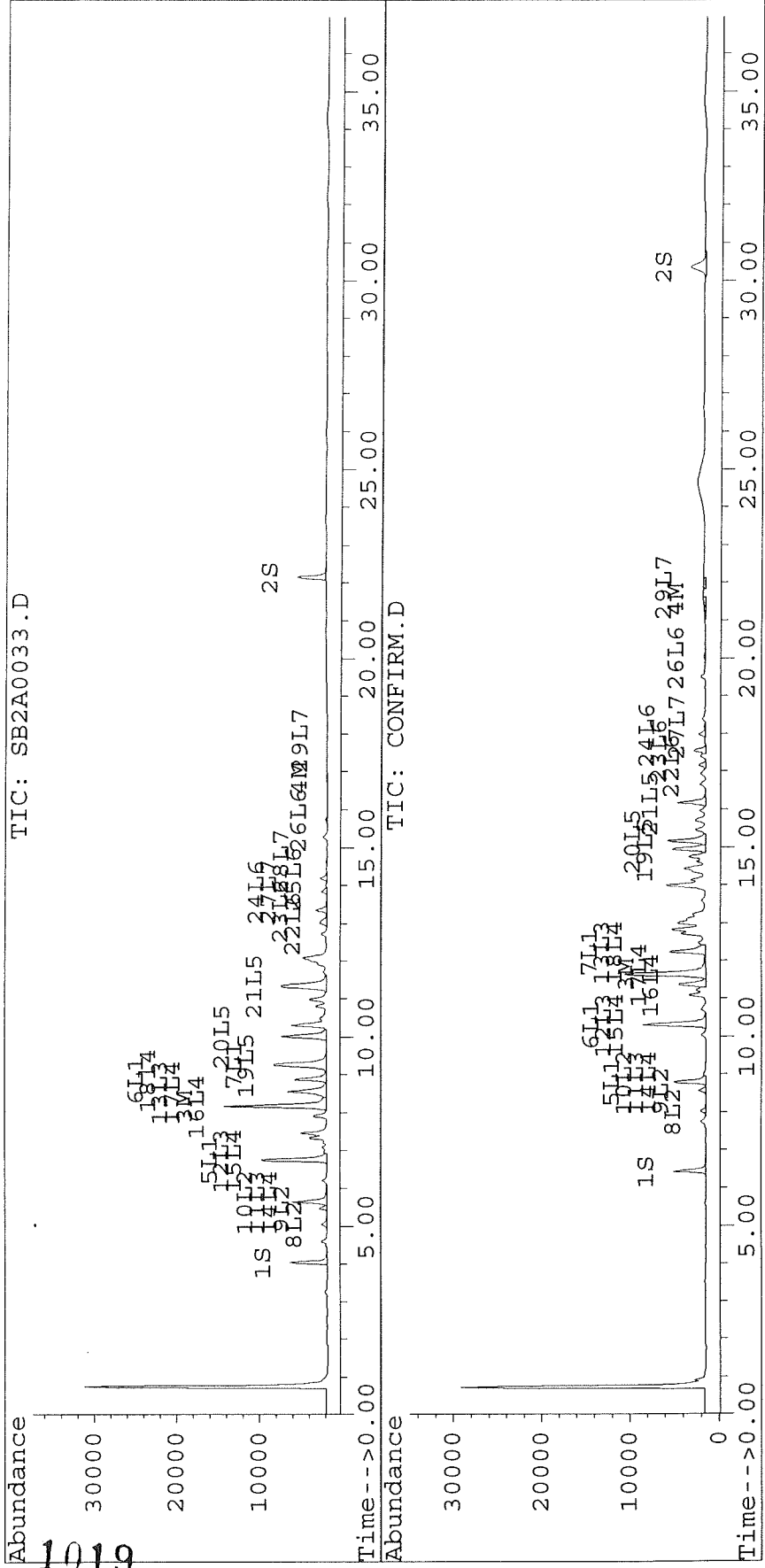
1018

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0033.D Vial: 2
Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0033.D\CONFIRM.D
Acq On : 24 Nov 96 11:35 PM Operator: JS
Sample : 8080,PW961119A,ARI242,CONC3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Nov 25 14:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
Title : PCB 5 LEVEL
Last Update : Wed Nov 13 15:03:57 1996
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 : D:\HPCHEM\5\24NOV96\SB2A0034.D Vial: 3
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0034.D\CONFIRM.D
 Acq On : 25 Nov 96 00:16 AM Operator: JS
 Sample : 8080,PW961119B,AR1254,CONC3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 25 14:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	4404	3649	17.667	18.687
			Recovery	=	44.17%	46.72%
2) S Decachlorobiphenyl	22.15	30.37	3313	1631	16.282	16.789
			Recovery	=	40.71%	41.97%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.65	277	219	2.567	2.264
4) M 2,2',3,3',4,4'-Hexa	16.86	21.56	2926	2414	15.645	14.278
5) L1 Aroclor-1016	6.75	8.80	182	55	5.696	4.329
6) L1 Aroclor-1016 {2}	8.88	10.32	91	161	5.372	5.706
7) L1 Aroclor-1016 {3}	0.00	12.25	0	71	N.D.	4.199 #
Total Aroclor-1016			274	287	11.068	14.234
Average Aroclor-1016					5.534	4.745
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.64	8.80	71	55	3.525	3.590
Total Aroclor-1221			71	55	3.525	3.590
Average Aroclor-1221					3.525	3.590
11) L3 Aroclor-1232	5.64	8.80	71	55	3.905	3.846
12) L3 Aroclor-1232 {2}	6.75	10.32	182	161	13.371	13.385
13) L3 Aroclor-1232 {3}	0.00	12.25	0	71	N.D.	10.264 #
Total Aroclor-1232			254	287	17.277	27.496
Average Aroclor-1232					8.638	9.165
14) L4 Aroclor-1242	5.64	8.80	71	55	2.996	2.911
15) L4 Aroclor-1242 {2}	6.75	10.32	182	161	4.309	4.333
16) L4 Aroclor-1242 {3}	8.17	11.38	277	61	4.299	3.844
17) L4 Aroclor-1242 (4)	0.00	11.65	0	219	N.D.	4.339 #
18) L4 Aroclor-1242 (5)	8.88	12.25	91	71	4.115	3.201
Total Aroclor-1242			622	567	15.719	18.628
Average Aroclor-1242					3.930	3.726
19) L5 Aroclor-1248	9.23f	14.95	5822	3286	206.599	163.867
20) L5 Aroclor-1248 {2}	10.01	15.17	2830	1063	120.467	51.510 #

1020

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0034.D
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0034.D\CONFIRM.D
 Acq On : 25 Nov 96 00:16 AM
 Sample : 8080, PW961119B, AR1254, CONC3
 Misc :
 Quant Time: Nov 25 14:54 1996

Vial: 3

Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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
21) L5 Aroclor-1248 {3}	11.29f	16.18	10377	733	340.907	47.342 #
Total Aroclor-1248			19030	5081	667.973	262.719
Average Aroclor-1248					222.658	87.573
22) L6 Aroclor-1254	13.01	17.16	6465	6000	186.439	192.029
23) L6 Aroclor-1254 {2}	13.35	17.55	13742	13399	190.944	194.068
24) L6 Aroclor-1254 {3}	13.85	17.99	6475	7581	192.729	173.992
25) L6 Aroclor-1254 (4)	14.20	18.50	7943	5300	169.788	188.927
26) L6 Aroclor-1254 (5)	15.74	20.04	9986	8115	185.240	185.101
Total Aroclor-1254			44611	40395	<u>925.139</u>	<u>934.117</u> ✓
Average Aroclor-1254					185.028	186.823
27) L7 Aroclor-1260	13.85	18.18	6475	5128	187.137	157.853
28) L7 Aroclor-1260 {2}	14.63	18.50	5658	5300	142.581	144.227
29) L7 Aroclor-1260 {3}	17.84	21.91	1313	1394	23.781	25.741
Total Aroclor-1260			13446	11822	353.499	327.821
Average Aroclor-1260					117.833	109.274
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	28.13f	0	101	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

1021

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0035.D Vial: 4
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0035.D\CONFIRM.D
 Acq On : 25 Nov 96 00:56 AM Operator: JS
 Sample : 8080,PW961026A,CONGENER, 0.25UG/ML Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 25 14:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.04	6.43	5669	4475	22.741	22.916
			Recovery	=	56.85%	57.29%
2) S Decachlorobiphenyl	22.15	30.37	3814	1773	18.746	18.250
			Recovery	=	46.86%	45.63%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.17	11.67	26513	24401	245.353	✓252.101 ✓
4) M 2,2',3,3',4,4'-Hexa	16.85	21.55	48313	43454	258.355	✓257.069 ✓
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	8.01	0	36	N.D.	5.931 #
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	36	N.D.	5.931
Average Aroclor-1221					0.000	5.931
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}	8.17	0.00	26513	0	410.852	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.67	0	24401	N.D.	483.065 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			26513	24401	410.852	483.065
Average Aroclor-1242					410.852	483.065
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1023

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0035.D Vial: 4
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0035.D\CONFIRM.D
 Acq On : 25 Nov 96 00:56 AM Operator: JS
 Sample : 8080,PW961026A,CONGENER, 0.25UG/ML Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 25 14:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.31	16.18	19	14	0.638	0.913 #
Total Aroclor-1248			19	14	0.638	0.913
Average Aroclor-1248					0.638	0.913
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}	13.84	17.99	134	18	3.994	0.407 #
25) L6 Aroclor-1254 (4)	0.00	0.00	0	0	N.D.	N.D.
26) L6 Aroclor-1254 (5)	0.00	20.07	0	26	N.D.	0.601 #
Total Aroclor-1254			134	44	3.994	1.008
Average Aroclor-1254					3.994	0.504
27) L7 Aroclor-1260	13.84	0.00	134	0	3.879	N.D. #
28) L7 Aroclor-1260 {2}	14.60f	0.00	13	0	0.325	N.D. #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			147	0	4.203	N.D.
Average Aroclor-1260					2.102	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	28.13f	0	33	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

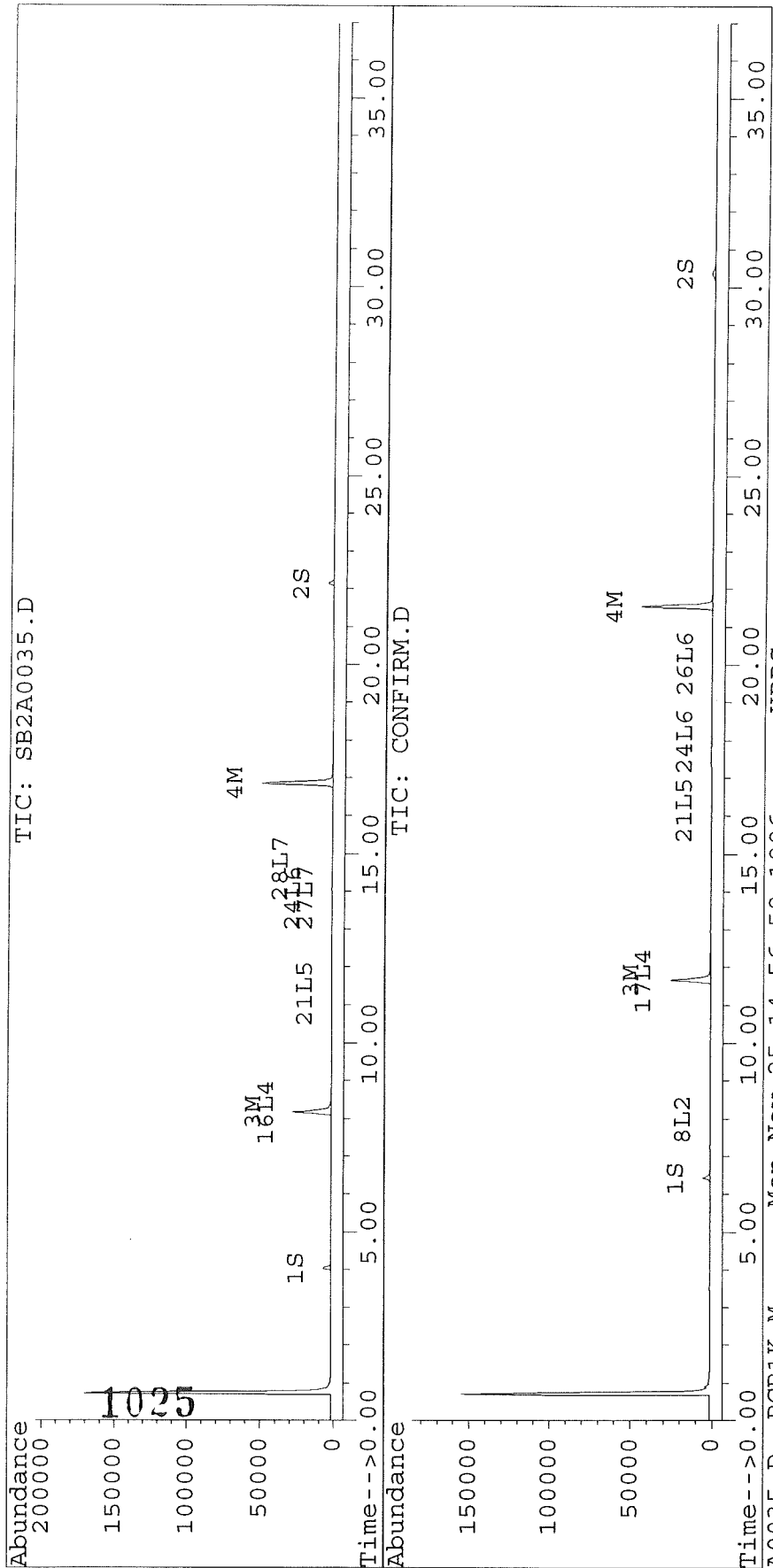
1024

Quantitation Report

Signal #1 : D:\HPCHEM\5\24NOV96\SB2A0035.D Vial: 4
 Signal #2 : D:\HPCHEM\5\24NOV96\SB2A0035.D\CONFIRM.D
 Acq On : 25 Nov 96 00:56 AM Operator: JS
 Sample : 8080, PW961026A, CONGENER, 0.25UG/ML Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 25 14:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1K.M
 Title : PCB 5 LEVEL
 Last Update : Wed Nov 13 15:03:57 1996
 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 : D:\HPCHEM\5\28NOV96\SB2A0176.D Vial: 51
 Signal #2 : D:\HPCHEM\5\28NOV96\SB2A0176.D\CONFIRM.D
 Acq On : 29 Nov 96 08:57 AM Operator: JS
 Sample : 8080, P1118-L1, Lab Control Sample Inst : SB2
 Misc : 15.0g, 25mL, 2X Dilution Multiplr: 1.00
 Quant Time: Nov 29 9:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.02	6.39	2781	2447	11.156	12.532
			Recovery	=	27.89%	31.33%
2) S Decachlorobiphenyl	0.00	30.25	0	1613	N.D.	16.608 #
			Recovery	=	0.00%	41.52%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.13	11.62	36295	34122	335.882	352.541
4) M 2,2',3,3',4,4'-Hexa	16.80	21.50	68547	62024	366.558	366.925
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.00f	0.00	56	0	8.025	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			56	0	8.025	N.D.
Average Aroclor-1221					8.025	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}	8.13	0.00	36295	0	562.446	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.62	0	34122	N.D.	675.523 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			36295	34122	562.446	675.523
Average Aroclor-1242					562.446	675.523
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1026

Quantitation Report

Signal #1 : D:\HPCHEM\5\28NOV96\SB2A0176.D Vial: 51
 Signal #2 : D:\HPCHEM\5\28NOV96\SB2A0176.D\CONFIRM.D
 Acq On : 29 Nov 96 08:57 AM Operator: JS
 Sample : 8080,P1118-L1,Lab Control Sample Inst : SB2
 Misc : 15.0g,25mL, 2X Dilution Multiplr: 1.00
 Quant Time: Nov 29 9:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	11.32	0.00	17	0	0.551	N.D. #
Total Aroclor-1248			17	0	0.551	N.D.
Average Aroclor-1248					0.551	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}	13.78	0.00	180	0	5.346	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			180	0	5.346	N.D.
Average Aroclor-1254					5.346	0.000
27) L7 Aroclor-1260	13.78	0.00	180	0	5.191	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			180	0	5.191	N.D.
Average Aroclor-1260					5.191	0.000
30) L8 Aroclor-1268	18.91f	0.00	98	0	NoCal	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

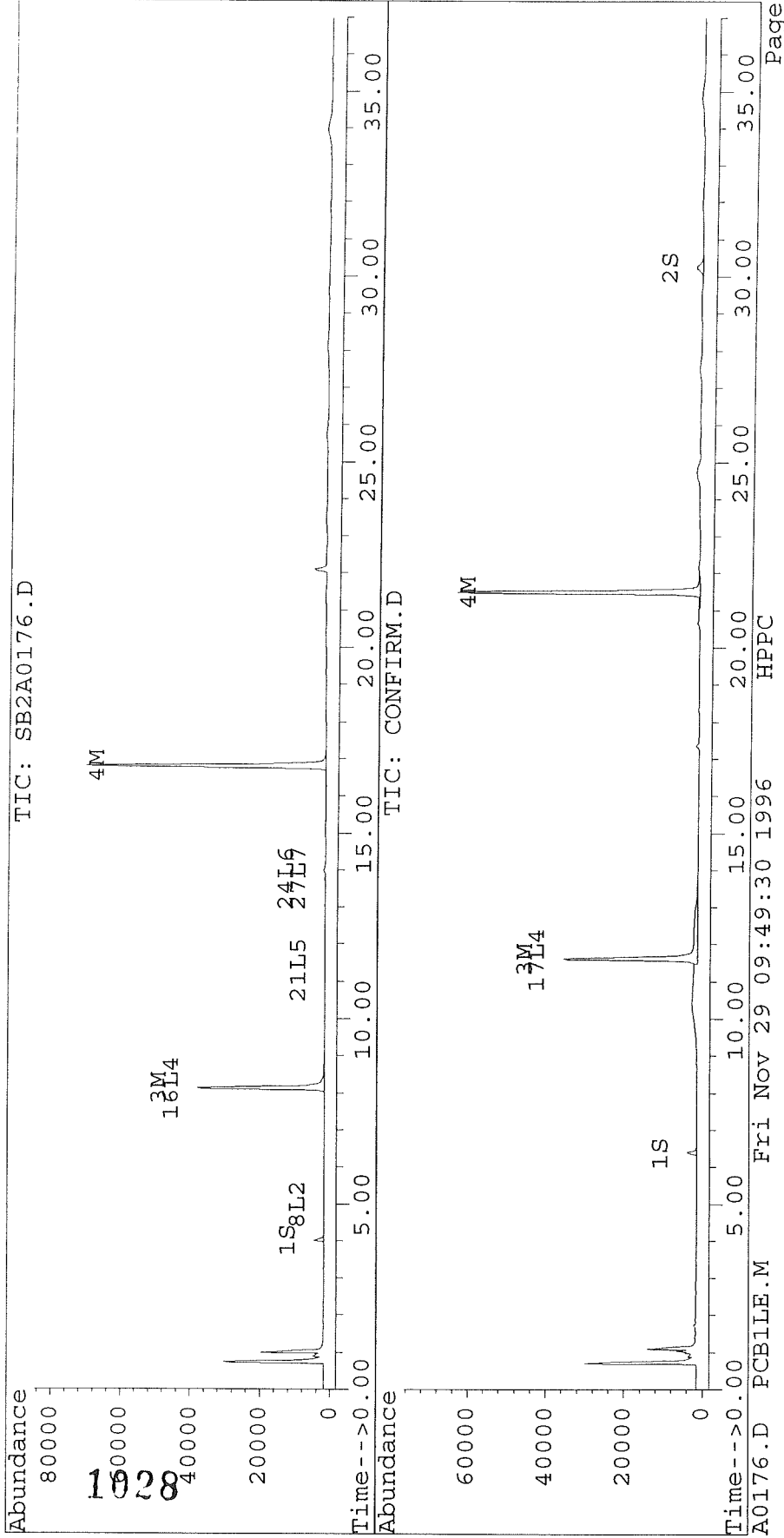
1027

Quantitation Report

Signal #1 : D:\HPCHEM\5\28NOV96\SB2A0176.D Vial: 51
Signal #2 : D:\HPCHEM\5\28NOV96\SB2A0176.D\CONFIRM.D
Acq On : 29 Nov 96 08:57 AM Operator: JS
Sample : 8080,P1118-L1,Lab Control Sample Inst : SB2
Misc : 15.0g,25mL, 2X Dilution Multiplr: 1.00
Quant Time: Nov 29 9:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Fri Nov 29 09:19:02 1996
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 : D:\HPCHEM\5\29NOV96\SB2A0184.D Vial: 1
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0184.D\CONFIRM.D
 Acq On : 29 Nov 96 06:16 PM Operator: JS
 Sample : 8080,5000ng/ul,AR1660 CON5 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 18:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

Update

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	17815	14155	71.466	72.491
			Recovery	=	178.67%	181.23%
2) S Decachlorobiphenyl	22.09	30.25	10362	4650	50.932	47.876
			Recovery	=	127.33%	119.69%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	56033	41267	518.538	426.358
4) M 2,2',3,3',4,4'-Hexa	16.80	21.53	30405	6773	162.595	40.066 #
5) L1 Aroclor-1016	6.70	8.74	31411	13107	980.418	1029.622
6) L1 Aroclor-1016 {2}	8.82	10.26	18908	27036	1111.675	959.313
7) L1 Aroclor-1016 {3}	9.21	12.19	25256	17652	978.827	1041.341
Total Aroclor-1016			75576	57796	3070.920	3030.276
Average Aroclor-1016					1023.640	1010.092
8) L2 Aroclor-1221	5.00f	7.98f	2483	2106	354.398	344.397
9) L2 Aroclor-1221 {2}	5.42f	0.00	3410	0	584.542	N.D. #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			5894	2106	938.939	344.397
Average Aroclor-1221					469.470	344.397
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	5.59	8.74	15934	13107	670.139	692.459
15) L4 Aroclor-1242 {2}	6.70	10.26	31411	27036	741.773	728.563
16) L4 Aroclor-1242 {3}	8.11	11.32	56033	12681	868.310	796.684
17) L4 Aroclor-1242 (4)	8.49	11.60	21243	41267	787.635	816.967
18) L4 Aroclor-1242 (5)	8.82	12.19	18908	17652	851.518	793.878
Total Aroclor-1242			143529	111744	3919.376	3828.552
Average Aroclor-1242					783.875	765.710
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1029

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0184.D Vial: 1
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0184.D\CONFIRM.D
 Acq On : 29 Nov 96 06:16 PM Operator: JS
 Sample : 8080,5000ng/ul,AR1660 CON5 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 18:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	17.12	0	2310	N.D.	73.934 #
23) L6 Aroclor-1254 {2}	13.31	17.49	22067	20098	306.616	291.098
24) L6 Aroclor-1254 {3}	13.79	0.00	33727	0	1003.857	N.D. #
25) L6 Aroclor-1254 (4)	14.15	18.45	4214	36473	90.085	1300.139 #
26) L6 Aroclor-1254 (5)	15.67	19.98	40998	33611	760.530	766.654
Total Aroclor-1254			101006	92492	2161.088	2431.825
Average Aroclor-1254					540.272	607.956
27) L7 Aroclor-1260	13.79	18.13	33727	32047	974.733	986.426
28) L7 Aroclor-1260 {2}	14.57	18.45	39356	36473	991.807	992.527
29) L7 Aroclor-1260 {3}	17.77	21.86	60562	60741	1096.470	1121.831
Total Aroclor-1260			133645	129261	3063.010	3100.785
Average Aroclor-1260					1021.003	1033.595
30) L8 Aroclor-1268	18.88	23.29	43438	11587	NoCal	2697.650 #
31) L8 Aroclor-1268 {2}	0.00	23.48f	0	7291	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	11587	N.D.	2697.650
Average Aroclor-1268					0.000	2697.650

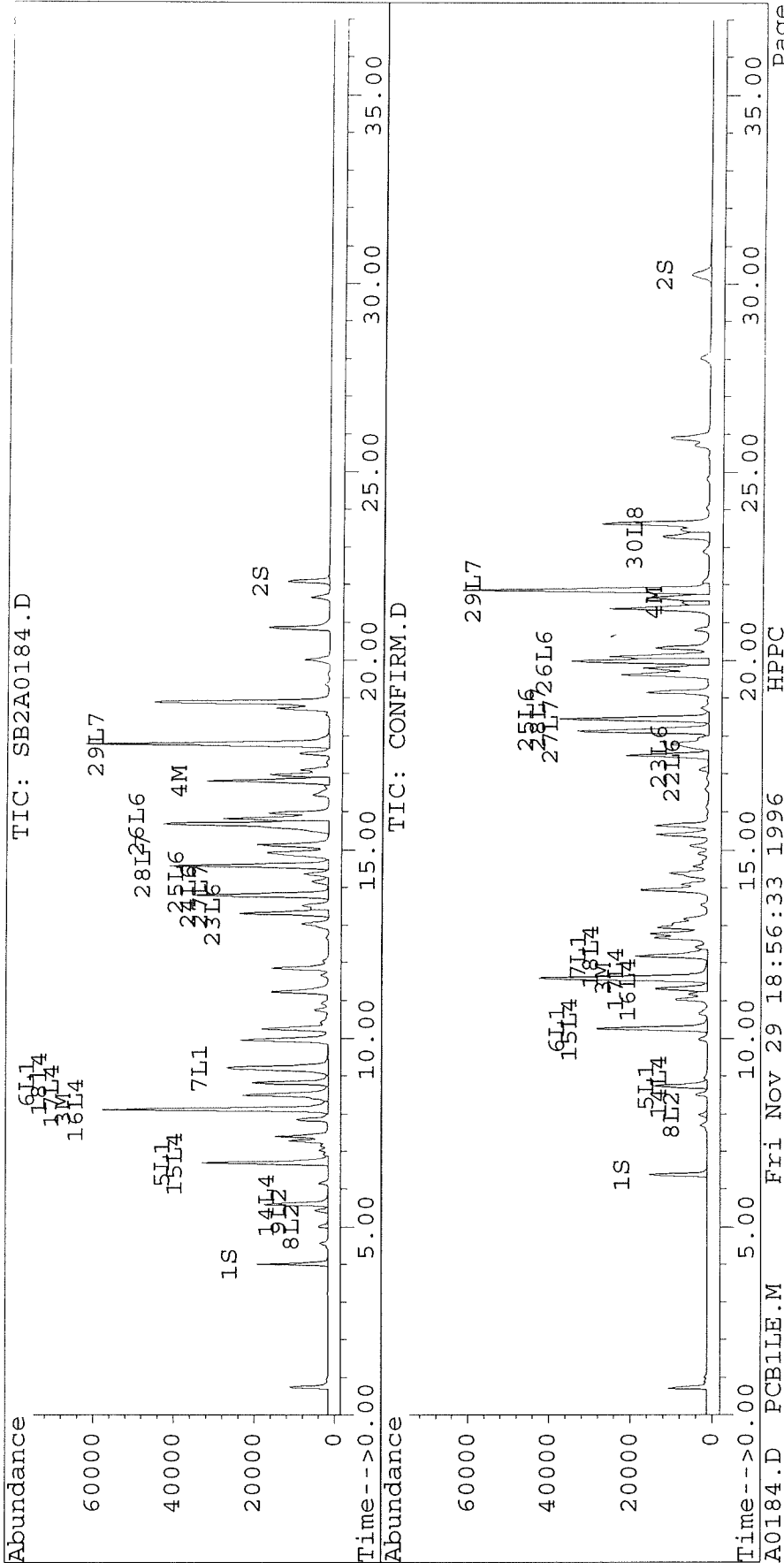
1030

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0184.D Vial: 1
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0184.D\CONFIRM.D
 Acq On : 29 Nov 96 06:16 PM Operator: JS
 Sample : 8080,5000ng/ul,ARI660 CON5 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 18:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 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



1031

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0185.D Vial: 2
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0185.D\CONFIRM.D
 Acq On : 29 Nov 96 06:57 PM Operator: JS
 Sample : 8080,2500ng/ul,AR1660 CON4 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 19:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

Update

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	8368	6880	33.567	35.235
			Recovery	=	83.92%	88.09%
2) S Decachlorobiphenyl	22.09	30.25	5776	2698	28.387	27.779
			Recovery	=	70.97%	69.45%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	31521	22913	291.701	236.727
4) M 2,2',3,3',4,4'-Hexa	16.81	21.53	17388	3756	92.985	22.218 #
5) L1 Aroclor-1016	6.70	8.75	18132	7357	565.943	577.898
6) L1 Aroclor-1016 {2}	8.82	10.27	10104	15723	594.026	557.889
7) L1 Aroclor-1016 {3}	9.21	12.19	14720	9789	570.493	577.458
Total Aroclor-1016			42956	32869	1730.462	1713.245
Average Aroclor-1016					576.821	571.082
8) L2 Aroclor-1221	5.01f	7.98f	1301	1127	185.704	184.322
9) L2 Aroclor-1221 {2}	5.42f	8.52f	1823	1555	312.418	318.788
10) L2 Aroclor-1221 {3}	5.59f	8.75f	8811	7357	436.061	479.206
Total Aroclor-1221			11935	10039	934.183	982.316
Average Aroclor-1221					311.394	327.439
11) L3 Aroclor-1232	5.59f	8.75f	8811	7357	483.049	513.374
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			8811	7357	483.049	513.374
Average Aroclor-1232					483.049	513.374
14) L4 Aroclor-1242	5.59	8.75	8811	7357	370.564	388.658
15) L4 Aroclor-1242 {2}	6.70	10.27	18132	15723	428.186	423.697
16) L4 Aroclor-1242 {3}	8.11	11.32	31521	7079	488.463	444.751
17) L4 Aroclor-1242 (4)	8.50	11.60	11790	22913	437.154	453.606
18) L4 Aroclor-1242 (5)	8.82	12.19	10104	9789	455.010	440.231
Total Aroclor-1242			80358	62860	2179.378	2150.942
Average Aroclor-1242					435.876	430.188
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1032

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0185.D Vial: 2
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0185.D\CONFIRM.D
 Acq On : 29 Nov 96 06:57 PM Operator: JS
 Sample : 8080,2500ng/ul,AR1660 CON4 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 19:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	0.00	16.13f	0	334	N.D.	21.584 #
Total Aroclor-1248			0	334	N.D.	21.584
Average Aroclor-1248					0.000	21.584
22) L6 Aroclor-1254	0.00	17.12	0	1266	N.D.	40.525 #
23) L6 Aroclor-1254 {2}	13.31	17.49	12455	11440	173.068	165.702
24) L6 Aroclor-1254 {3}	13.79	17.92	19969	1523	594.348	34.948 #
25) L6 Aroclor-1254 (4)	14.15	18.45	2351	21464	50.252	765.131 #
26) L6 Aroclor-1254 (5)	15.68	19.98	23154	19281	429.527	439.787
Total Aroclor-1254			57929	54974	1247.195	1446.092
Average Aroclor-1254					311.799	289.218
27) L7 Aroclor-1260	13.79	18.13	19969	18865	577.104	580.686
28) L7 Aroclor-1260 {2}	14.57	18.45	23084	21464	581.752	584.102
29) L7 Aroclor-1260 {3}	17.77	21.86	34782	35104	629.732	648.343
Total Aroclor-1260			77835	75434	1788.588	1813.130
Average Aroclor-1260					596.196	604.377
30) L8 Aroclor-1268	18.88	23.29	24301	6430	NoCal	1497.039 #
31) L8 Aroclor-1268 {2}	0.00	23.48f	0	4054	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	6430	N.D.	1497.039
Average Aroclor-1268					0.000	1497.039

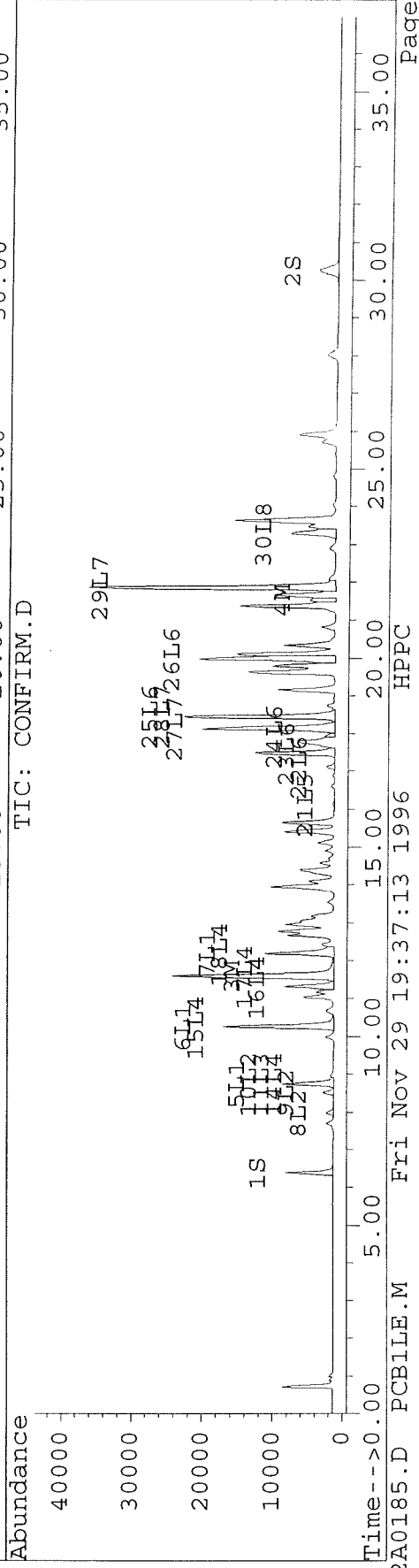
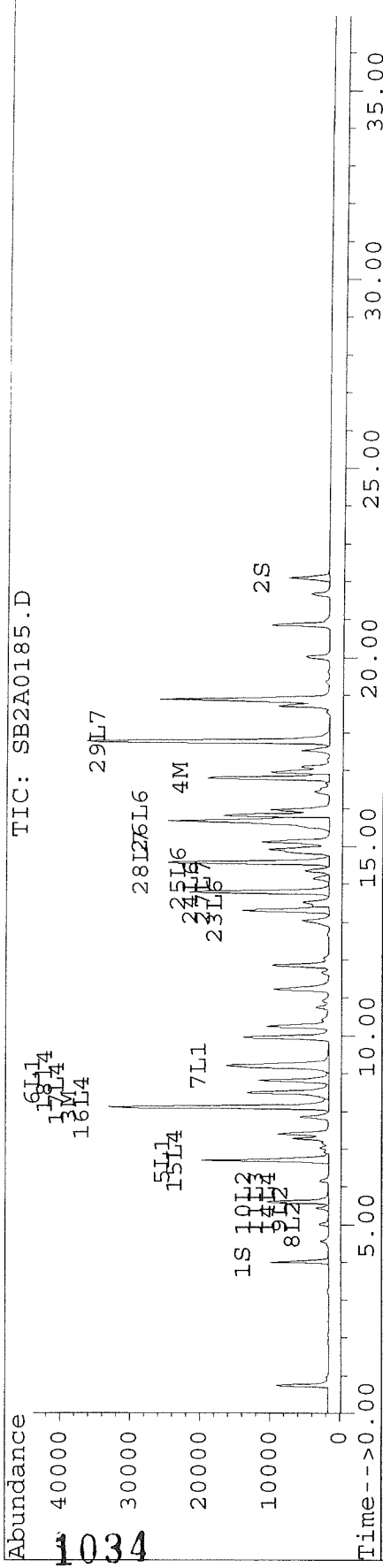
1033

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0185.D Vial: 2
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0185.D\CONFIRM.D
Acq On : 29 Nov 96 06:57 PM Operator: JS
Sample : 8080,2500ng/ul,AR1660 CON4 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Nov 29 19:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Fri Nov 29 09:19:02 1996
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 : D:\HPCHEM\5\29NOV96\SB2A0186.D Vial: 3
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0186.D\CONFIRM.D
 Acq On : 29 Nov 96 07:38 PM Operator: JS
 Sample : 8080,1000ng/ul,AR1660 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 20:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

Update

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	3441	2779	13.802	14.230
			Recovery	=	34.51%	35.58%
2) S Decachlorobiphenyl	22.09	30.26	2509	1187	12.333	12.220
			Recovery	=	30.83%	30.55%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	14141	9989	130.863	103.202
4) M 2,2',3,3',4,4'-Hexa	16.80	21.54	7425	1610	39.705	9.523 #
5) L1 Aroclor-1016	6.70	8.75	8834	3422	275.731	268.808
6) L1 Aroclor-1016 {2}	8.82	10.26	4330	7591	254.596	269.364
7) L1 Aroclor-1016 {3}	9.21	12.19	6904	4359	267.577	257.116
Total Aroclor-1016			20069	15372	797.904	795.287
Average Aroclor-1016					265.968	265.096
8) L2 Aroclor-1221	5.01f	7.98f	585	503	83.441	82.206
9) L2 Aroclor-1221 {2}	5.42f	8.52f	826	704	141.581	144.323
10) L2 Aroclor-1221 {3}	5.59f	8.75f	4158	3422	205.801	222.901
Total Aroclor-1221			5569	4629	430.823	449.430
Average Aroclor-1221					143.608	149.810
11) L3 Aroclor-1232	5.59f	8.75f	4158	3422	227.977	238.795
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			4158	3422	227.977	238.795
Average Aroclor-1232					227.977	238.795
14) L4 Aroclor-1242	5.59	8.75	4158	3422	174.889	180.783
15) L4 Aroclor-1242 {2}	6.70	10.26	8834	7591	208.615	204.572
16) L4 Aroclor-1242 {3}	8.11	11.32	14141	3203	219.135	201.224
17) L4 Aroclor-1242 (4)	8.49	11.60	5284	9989	195.928	197.752
18) L4 Aroclor-1242 (5)	8.82	12.19	4330	4359	195.015	196.015
Total Aroclor-1242			36748	28564	993.582	980.346
Average Aroclor-1242					198.716	196.069
19) L5 Aroclor-1248	0.00	14.91f	0	599	N.D.	29.888 #
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1035

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0186.D
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0186.D\CONFIRM.D
 Acq On : 29 Nov 96 07:38 PM
 Sample : 8080,1000ng/ul,AR1660 CON3
 Misc :
 Quant Time: Nov 29 20:17 1996

Vial: 3
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 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
21) L5 Aroclor-1248 {3}	0.00	16.13f	0	146	N.D.	9.446 #
Total Aroclor-1248			0	745	N.D.	39.335
Average Aroclor-1248					0.000	19.667
22) L6 Aroclor-1254	0.00	17.12	0	548	N.D.	17.535 #
23) L6 Aroclor-1254 {2}	13.31	17.49	5548	5006	77.087	72.508
24) L6 Aroclor-1254 {3}	13.79	0.00	9159	0	272.593	N.D. #
25) L6 Aroclor-1254 (4)	14.15	18.45	1026	9759	21.934	347.871 #
26) L6 Aroclor-1254 (5)	15.67	19.98	9826	8177	182.274	186.518
Total Aroclor-1254			25558	23490	553.888	624.432
Average Aroclor-1254					138.472	156.108
27) L7 Aroclor-1260	13.79	18.13	9159	8614	264.685	265.151
28) L7 Aroclor-1260 {2}	14.57	18.45	10533	9759	265.441	265.565
29) L7 Aroclor-1260 {3}	17.77	21.86	14892	14862	269.623	274.481
Total Aroclor-1260			34584	33235	799.748	805.198
Average Aroclor-1260					266.583	268.399
30) L8 Aroclor-1268	18.89	23.29	10109	2757	NoCal	641.867 #
31) L8 Aroclor-1268 {2}	0.00	23.48f	0	1765	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	2757	N.D.	641.867
Average Aroclor-1268					0.000	641.867

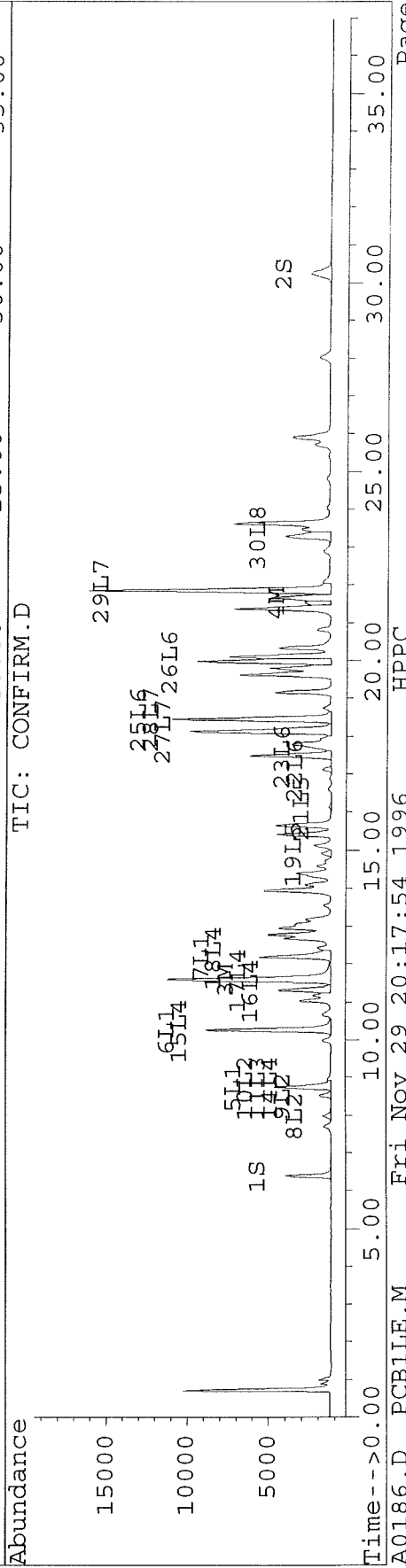
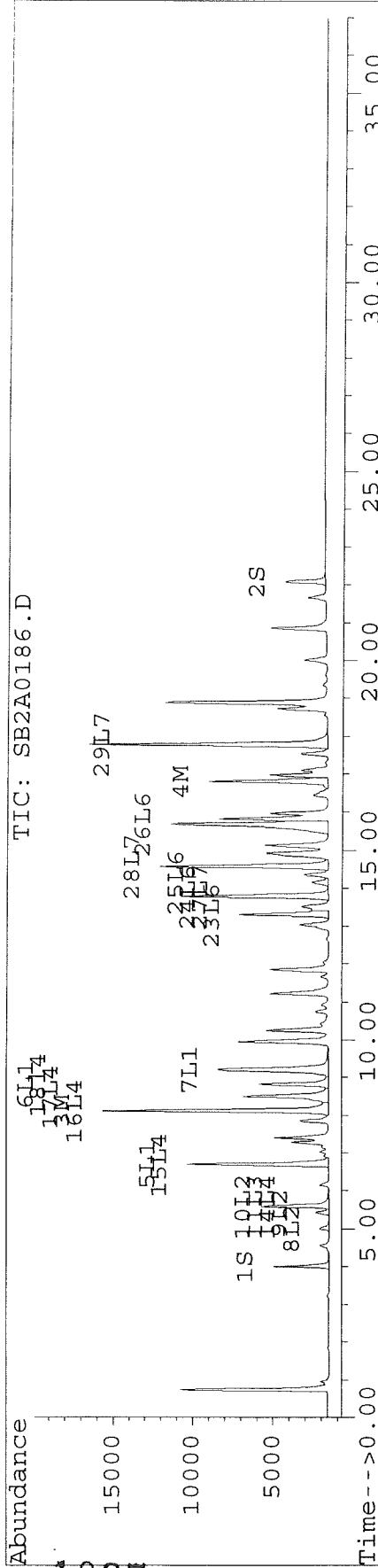
1036

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0186.D Vial: 3
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0186.D\CONFIRM.D
 Acq On : 29 Nov 96 07:38 PM Operator: JS
 Sample : 8080,1000ng/ul,AR1660 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 20:17 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 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



1037

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0187.D Vial: 4
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0187.D\CONFIRM.D
 Acq On : 29 Nov 96 08:18 PM Operator: JS
 Sample : 8080,500ng/ul,AR1660 CON2 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 20:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

update

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	1678	1329	6.731	6.804
			Recovery	=	16.83%	17.01%
2) S Decachlorobiphenyl	22.09	30.25	1211	588	5.954	6.050
			Recovery	=	14.89%	15.13%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	6896	4858	63.821	50.192
4) M 2,2',3,3',4,4'-Hexa	16.81	21.54	3536	670	18.909	3.962 #
5) L1 Aroclor-1016	6.70	8.75	4678	1750	146.010	137.473
6) L1 Aroclor-1016 {2}	8.82	10.27	2086	4027	122.648	142.894
7) L1 Aroclor-1016 {3}	9.21	12.20	3558	2150	137.882	126.826
Total Aroclor-1016			10322	7927	406.540	407.192
Average Aroclor-1016					135.513	135.731
8) L2 Aroclor-1221	5.01f	7.98f	293	252	41.865	41.242
9) L2 Aroclor-1221 {2}	5.42f	8.52f	416	350	71.281	71.845
10) L2 Aroclor-1221 {3}	5.59f	8.75f	2141	1750	105.957	113.995
Total Aroclor-1221			2850	2353	219.103	227.082
Average Aroclor-1221					73.034	75.694
11) L3 Aroclor-1232	5.59f	8.75f	2141	1750	117.375	122.124
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			2141	1750	117.375	122.124
Average Aroclor-1232					117.375	122.124
14) L4 Aroclor-1242	5.59	8.75	2141	1750	90.042	92.455
15) L4 Aroclor-1242 {2}	6.70	10.27	4678	4027	110.469	108.523
16) L4 Aroclor-1242 {3}	8.11	11.33	6896	1610	106.870	101.131
17) L4 Aroclor-1242 (4)	8.50	11.60	2623	4858	97.254	96.176
18) L4 Aroclor-1242 (5)	8.82	12.20	2086	2150	93.946	96.687
Total Aroclor-1242			18424	14395	498.582	494.973
Average Aroclor-1242					99.716	98.995
19) L5 Aroclor-1248	0.00	14.91f	0	287	N.D.	14.302 #
20) L5 Aroclor-1248 {2}	0.00	10.38	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0187.D Vial: 4
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0187.D\CONFIRM.D
 Acq On : 29 Nov 96 08:18 PM Operator: JS
 Sample : 8080,500ng/ul,AR1660 CON2 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 20:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	0.00	16.13f	0	69	N.D.	4.449 #
Total Aroclor-1248			0	356	N.D.	18.751
Average Aroclor-1248					0.000	9.375
22) L6 Aroclor-1254	0.00	17.12	0	266	N.D.	8.518 #
23) L6 Aroclor-1254 {2}	13.31	17.49	2757	2513	38.302	36.404
24) L6 Aroclor-1254 {3}	13.79	0.00	4697	0	139.796	N.D. #
25) L6 Aroclor-1254 (4)	14.15	18.45	497	4926	10.615	175.593 #
26) L6 Aroclor-1254 (5)	15.67	19.98	4727	3988	87.691	90.960
Total Aroclor-1254			12677	11693	276.405	311.474
Average Aroclor-1254					69.101	77.869
27) L7 Aroclor-1260	13.79	18.13	4697	4422	135.740	136.108
28) L7 Aroclor-1260 {2}	14.57	18.45	5244	4926	132.154	134.048
29) L7 Aroclor-1260 {3}	17.77	21.86	6967	6922	126.142	127.839
Total Aroclor-1260			16908	16270	394.036	397.994
Average Aroclor-1260					131.345	132.665
30) L8 Aroclor-1268	18.88	23.29	4668	1329	NoCal	309.484 #
31) L8 Aroclor-1268 {2}	0.00	23.48f	0	848	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	1329	N.D.	309.484
Average Aroclor-1268					0.000	309.484

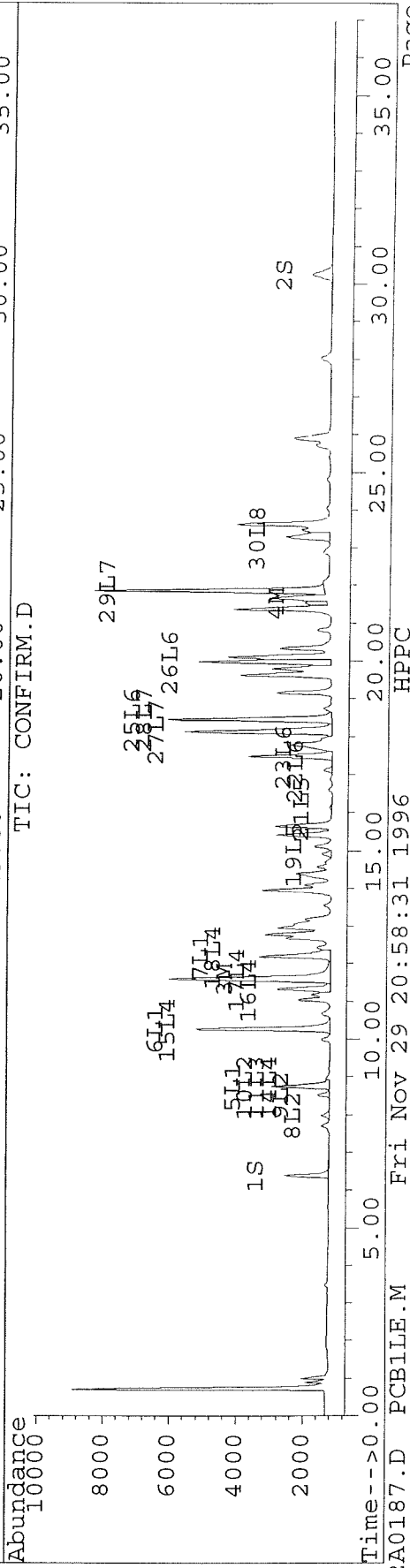
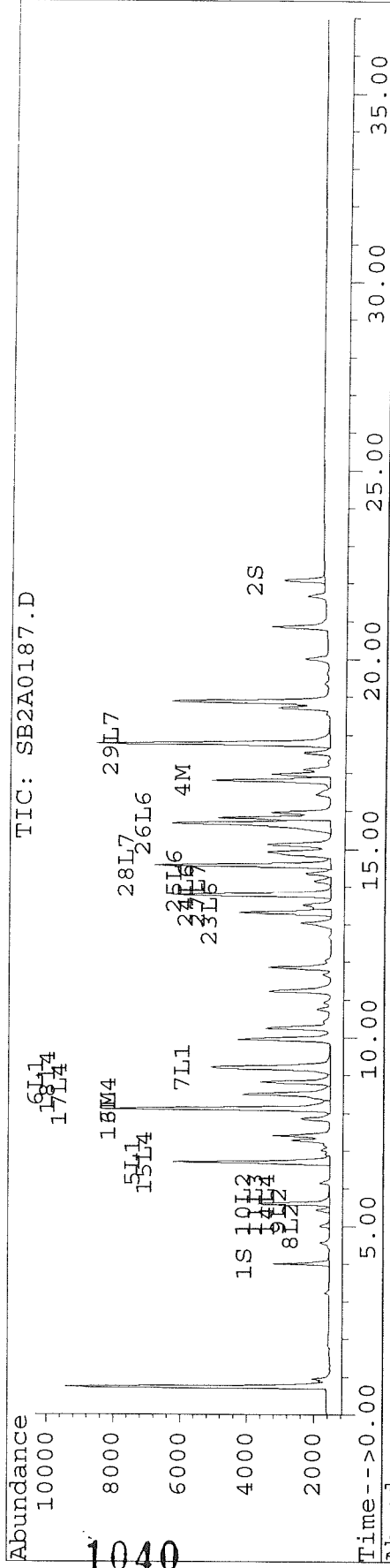
1039

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0187.D Vial: 4
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0187.D\CONFIRM.D
 Acq On : 29 Nov 96 08:18 PM Operator: JS
 Sample : 8080,500ng/ul,AR1660 CON2 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 20:57 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 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 : D:\HPCHEM\5\29NOV96\SB2A0188.D Vial: 5
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0188.D\CONFIRM.D
 Acq On : 29 Nov 96 08:59 PM Operator: JS
 Sample : 8080,100ng/ul,AR1660 CON1 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 21:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

Update

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	279	230	1.117	1.179
			Recovery	=	2.79%	2.95%
2) S Decachlorobiphenyl	22.09	30.26	227	114	1.116	1.170
			Recovery	=	2.79%	2.93%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	1177	864	10.892	8.927
4) M 2,2',3,3',4,4'-Hexa	16.81	21.54	657	155	3.512	0.918 #
5) L1 Aroclor-1016	6.70	8.75	911	325	28.446	25.527
6) L1 Aroclor-1016 {2}	8.82	10.27	361	792	21.200	28.100 #
7) L1 Aroclor-1016 {3}	9.21	12.20	677	388	26.230	22.911
Total Aroclor-1016			1949	1505	75.876	76.538
Average Aroclor-1016					25.292	25.513
8) L2 Aroclor-1221	5.01f	7.98f	55	47	7.825	7.620
9) L2 Aroclor-1221 {2}	5.43f	8.52f	74	63	12.615	13.011
10) L2 Aroclor-1221 {3}	5.60f	8.75f	393	325	19.437	21.168
Total Aroclor-1221			521	435	39.877	41.799
Average Aroclor-1221					13.292	13.933
11) L3 Aroclor-1232	5.60f	8.75f	393	325	21.531	22.677
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	792	N.D.	65.918 #
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	388	N.D.	56.010 #
Total Aroclor-1232			393	1505	21.531	144.606
Average Aroclor-1232					21.531	48.202
14) L4 Aroclor-1242	5.60	8.75	393	325	16.518	17.168
15) L4 Aroclor-1242 {2}	6.70	10.27	911	792	21.522	21.341
16) L4 Aroclor-1242 {3}	8.11	11.33	1177	297	18.239	18.664
17) L4 Aroclor-1242 (4)	8.50	11.61	464	864	17.218	17.105
18) L4 Aroclor-1242 (5)	8.82	12.20	361	388	16.239	17.467
Total Aroclor-1242			3306	2666	89.734	91.745
Average Aroclor-1242					17.947	18.349
19) L5 Aroclor-1248	0.00	14.91f	0	51	N.D.	2.520 #
20) L5 Aroclor-1248 {2}	0.00	1041	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0188.D
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0188.D\CONFIRM.D
 Acq On : 29 Nov 96 08:59 PM
 Sample : 8080,100ng/ul,AR1660 CON1
 Misc :
 Quant Time: Nov 29 21:38 1996

Vial: 5
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 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
21) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	51	N.D.	2.520
Average Aroclor-1248					0.000	2.520
22) L6 Aroclor-1254	0.00	17.12	0	48	N.D.	1.533 #
23) L6 Aroclor-1254 {2}	13.31	17.49	507	460	7.045	6.664
24) L6 Aroclor-1254 {3}	13.79	0.00	891	0	26.527	N.D. #
25) L6 Aroclor-1254 (4)	14.15	18.46	88	927	1.874	33.029 #
26) L6 Aroclor-1254 (5)	15.68	19.99	837	710	15.522	16.188
Total Aroclor-1254			2323	2144	50.968	57.414
Average Aroclor-1254					12.742	14.353
27) L7 Aroclor-1260	13.79	18.14	891	852	25.757	26.226
28) L7 Aroclor-1260 {2}	14.57	18.46	989	927	24.935	25.214
29) L7 Aroclor-1260 {3}	17.77	21.86	1224	1292	22.154	23.868
Total Aroclor-1260			3104	3071	72.846	75.308
Average Aroclor-1260					24.282	25.103
30) L8 Aroclor-1268	18.89	23.29	814	262	NoCal	60.897 #
31) L8 Aroclor-1268 {2}	0.00	23.48f	0	170	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	262	N.D.	60.897
Average Aroclor-1268					0.000	60.897

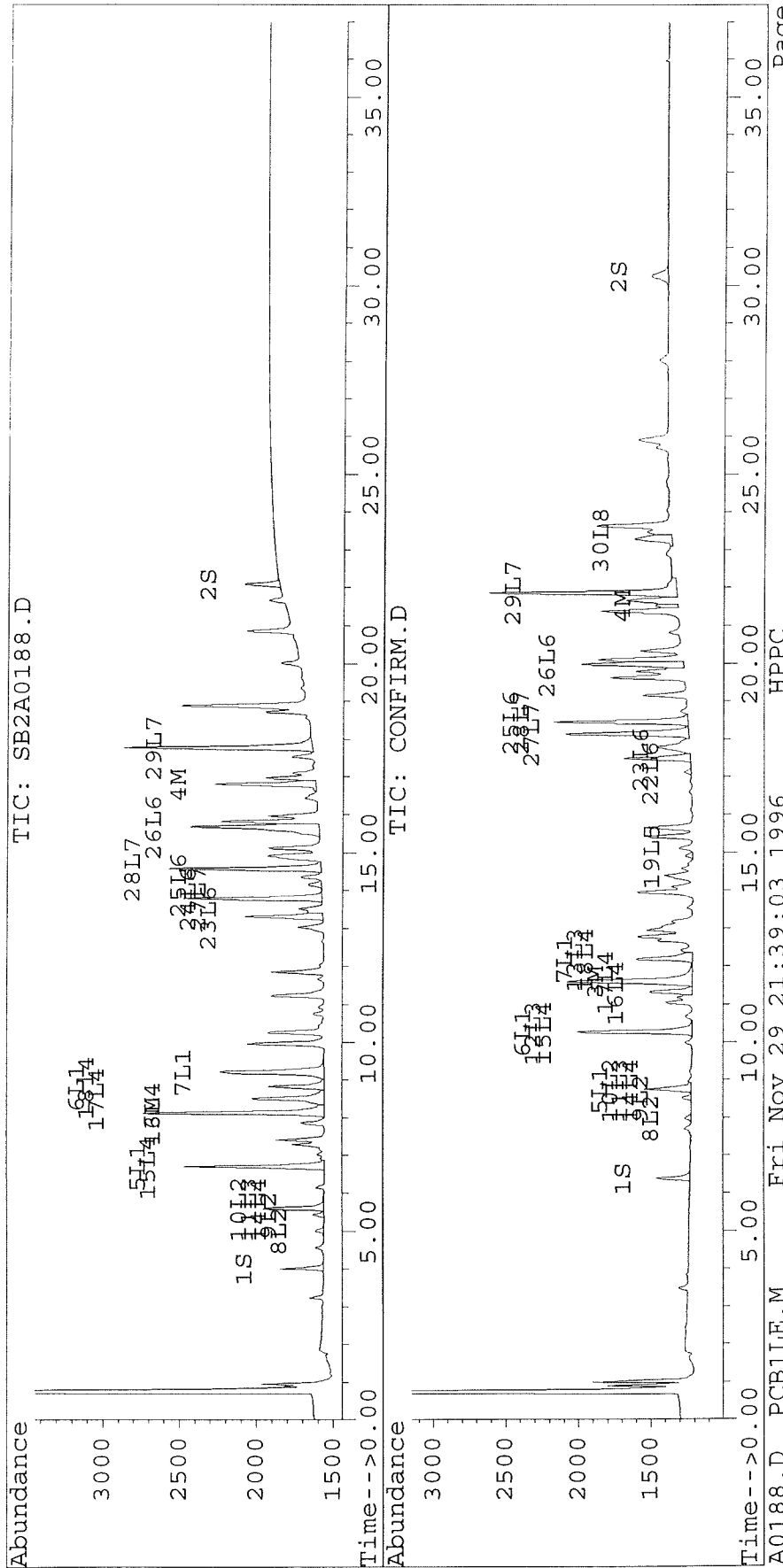
1042

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0188.D Vial: 5
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0188.D\CONFIRM.D
 Acq On : 29 Nov 96 08:59 PM Operator: JS
 Sample : 8080,100ng/ul,AR1660 CON1 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 21:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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



1043

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0189.D Vial: 6
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0189.D\CONFIRM.D
 Acq On : 29 Nov 96 09:39 PM Operator: JS
 Sample : 8080,5000ng/ul,AR1242 CON5 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 22:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

Update

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	17144	13712	68.775	70.221
			Recovery	=	171.94%	175.55%
2) S Decachlorobiphenyl	22.09	30.25	8997	4084	44.224	42.043
			Recovery	=	110.56%	105.11%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	41478	30395	383.846	314.031
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	193	141	1.030	0.833
5) L1 Aroclor-1016	6.70	8.74	23342	11160	728.566	876.638
6) L1 Aroclor-1016 {2}	8.82	10.26	13596	20293	799.337	720.056
7) L1 Aroclor-1016 {3}	9.21	12.19	18815	13005	729.183	767.180
Total Aroclor-1016			55753	44458	2257.087	2363.873
Average Aroclor-1016					752.362	787.958
8) L2 Aroclor-1221	5.00f	7.98f	2242	1914	320.007	313.007
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			2242	1914	320.007	313.007
Average Aroclor-1221					320.007	313.007
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	5.59	8.74	13555	11160	570.063	589.571
15) L4 Aroclor-1242 {2}	6.70	10.26	23342	20293	551.225	546.856
16) L4 Aroclor-1242 {3}	8.11	11.32	41478	9513	642.763	597.674
17) L4 Aroclor-1242 (4)	8.49	11.60	15545	30395	576.392	601.731
18) L4 Aroclor-1242 (5)	8.82	12.19	13596	13005	612.274	584.868
Total Aroclor-1242			107516	84366	2952.718	2920.700
Average Aroclor-1242					590.544	584.140
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1044

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0189.D Vial: 6
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0189.D\CONFIRM.D
 Acq On : 29 Nov 96 09:39 PM Operator: JS
 Sample : 8080,5000ng/ul,AR1242 CON5 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 22:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.96	17.12	2707	2353	78.058	75.318
23) L6 Aroclor-1254 {2}	13.29	17.50	4485	4326	62.313	62.654
24) L6 Aroclor-1254 {3}	13.78	17.94	2201	2590	65.521	59.451
25) L6 Aroclor-1254 (4)	14.13	0.00	2701	0	57.743	N.D. #
26) L6 Aroclor-1254 (5)	15.68	19.99	598	489	11.093	11.161
Total Aroclor-1254			12692	9759	274.728	208.584
Average Aroclor-1254					54.946	52.146
27) L7 Aroclor-1260	13.78	18.13	2201	446	63.620	13.721 #
28) L7 Aroclor-1260 {2}	14.57	0.00	398	0	10.032	N.D. #
29) L7 Aroclor-1260 {3}	17.78	21.87	88	77	1.588	1.418
Total Aroclor-1260			2687	523	75.240	15.139
Average Aroclor-1260					25.080	7.570
30) L8 Aroclor-1268	18.89	23.32	49	13	NoCal	3.104 #
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	13	N.D.	3.104
Average Aroclor-1268					0.000	3.104

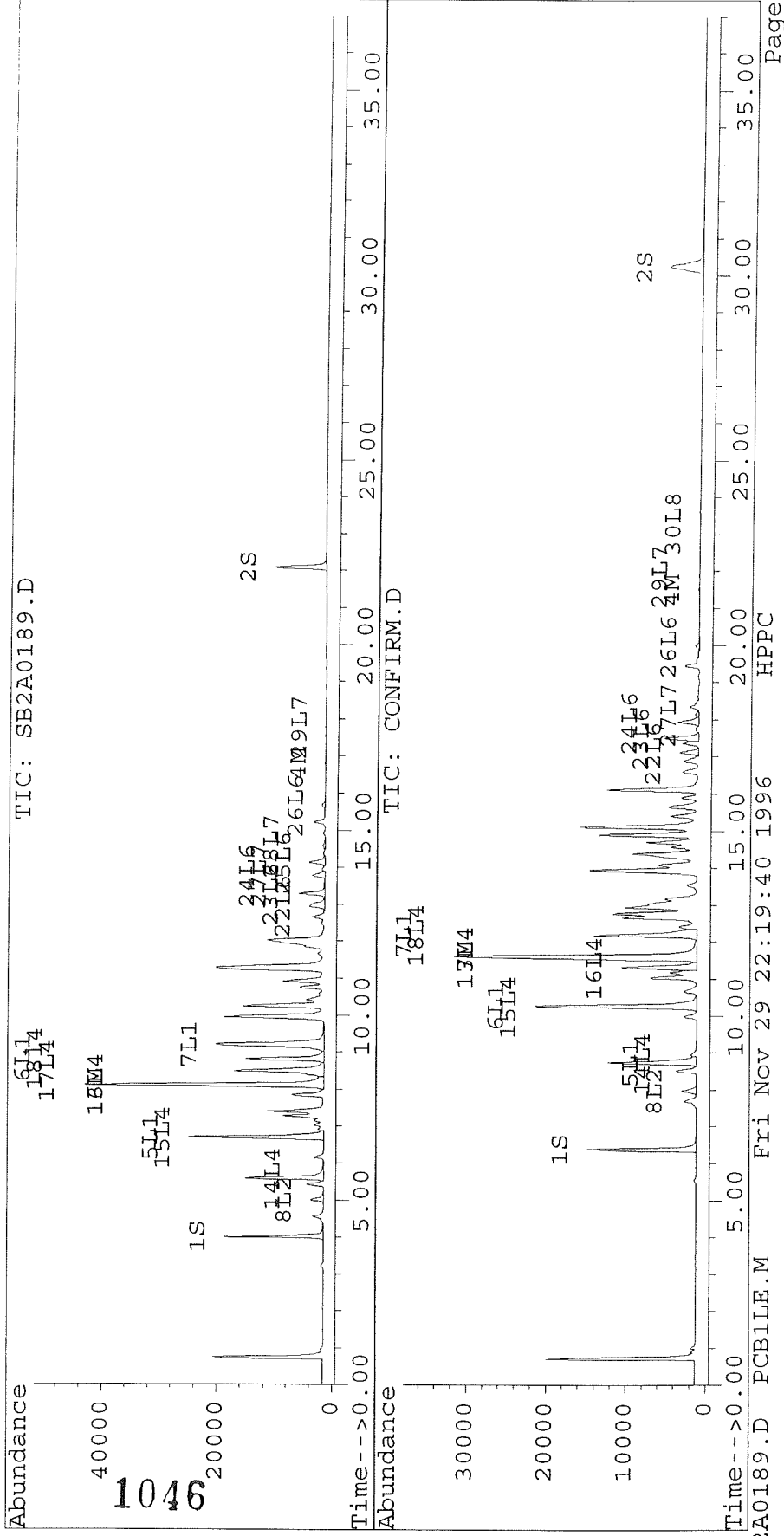
1045

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0189.D Vial: 6
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0189.D\CONFIRM.D
Acq On : 29 Nov 96 09:39 PM Operator: JS
Sample : 8080,5000ng/ul,AR1242 CON5 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Nov 29 22:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Fri Nov 29 09:19:02 1996
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 : D:\HPCHEM\5\29NOV96\SB2A0190.D Vial: 7
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0190.D\CONFIRM.D
 Acq On : 29 Nov 96 10:20 PM Operator: JS
 Sample : 8080,2500ng/ul,AR1242 CON4 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 22:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

Update

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	9353	7236	37.518	37.054
			Recovery	=	93.80%	92.64%
2) S Decachlorobiphenyl	22.09	30.26	5194	2407	25.529	24.783
			Recovery	=	63.82%	61.96%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	24183	17442	223.794	180.206
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	111	85	0.592	0.506
5) L1 Aroclor-1016	6.70	8.74	14373	6583	448.625	517.083
6) L1 Aroclor-1016 {2}	8.82	10.27	7649	12372	449.690	438.991
7) L1 Aroclor-1016 {3}	9.21	12.19	11263	7476	436.489	441.027
Total Aroclor-1016			33285	26431	1334.805	1397.101
Average Aroclor-1016					444.935	465.700
8) L2 Aroclor-1221	5.00f	7.98f	1285	1082	183.334	177.011
9) L2 Aroclor-1221 {2}	5.42f	8.52f	1757	1478	301.233	302.959
10) L2 Aroclor-1221 {3}	0.00	8.74f	0	6583	N.D.	428.777 #
Total Aroclor-1221			3042	9143	484.567	908.747
Average Aroclor-1221					242.284	302.916
11) L3 Aroclor-1232	0.00	8.74f	0	6583	N.D.	459.350 #
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	6583	N.D.	459.350
Average Aroclor-1232					0.000	459.350
14) L4 Aroclor-1242	5.59	8.74	8113	6583	341.216	347.758
15) L4 Aroclor-1242 {2}	6.70	10.27	14373	12372	339.425	333.398
16) L4 Aroclor-1242 {3}	8.11	11.32	24183	5505	374.750	345.884
17) L4 Aroclor-1242 (4)	8.49	11.60	9063	17442	336.057	345.302
18) L4 Aroclor-1242 (5)	8.82	12.19	7649	7476	344.452	336.221
Total Aroclor-1242			63382	49378	1735.901	1708.564
Average Aroclor-1242					347.180	341.713
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1047

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0190.D
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0190.D\CONFIRM.D
 Acq On : 29 Nov 96 10:20 PM
 Sample : 8080,2500ng/ul,AR1242 CON4
 Misc :
 Quant Time: Nov 29 22:59 1996

Vial: 7
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 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
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	12.96	17.12	1528	1325	44.076	42.406
23) L6 Aroclor-1254 {2}	13.29	17.51	2515	2463	34.943	35.677
24) L6 Aroclor-1254 {3}	13.78	17.94	1253	1484	37.298	34.054
25) L6 Aroclor-1254 (4)	14.13	0.00	1529	0	32.689	N.D. #
26) L6 Aroclor-1254 (5)	15.68	19.99	343	281	6.362	6.421
Total Aroclor-1254			7169	5553	155.368	118.558
Average Aroclor-1254					31.074	29.639
27) L7 Aroclor-1260	13.78	18.14	1253	256	36.216	7.869 #
28) L7 Aroclor-1260 {2}	14.57	0.00	229	0	5.778	N.D. #
29) L7 Aroclor-1260 {3}	17.78	21.87	49	54	0.888	0.999
Total Aroclor-1260			1531	310	42.882	8.868
Average Aroclor-1260					14.294	4.434
30) L8 Aroclor-1268	18.89	23.32	27	5	NoCal	1.229 #
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	5	N.D.	1.229
Average Aroclor-1268					0.000	1.229

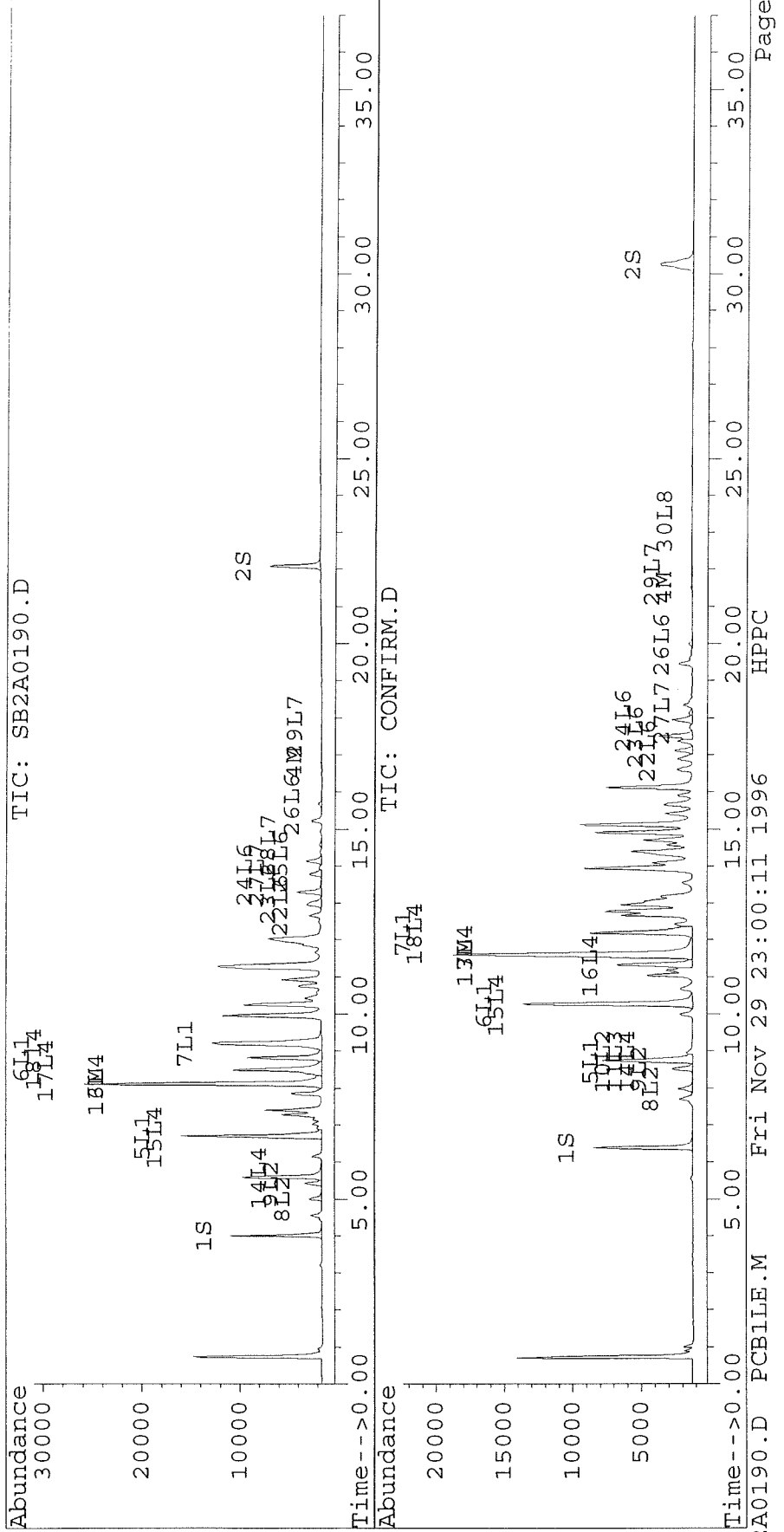
1048

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0190.D Vial: 7
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0190.D\CONFIRM.D
 Acq On : 29 Nov 96 10:20 PM Operator: JS
 Sample : 8080,2500ng/ul,ARI242 CON4 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 22:59 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 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



1049

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0191.D
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0191.D\CONFIRM.D
 Acq On : 29 Nov 96 11:01 PM
 Sample : 8080,1000ng/ul,AR1242 CON3
 Misc :
 Quant Time: Nov 29 23:40 1996

Vial: 8
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

update

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	4.00	6.39	3141	2445	12.601	12.522
			Recovery	=	31.50%	31.31%
2) S Decachlorobiphenyl	22.09	30.26	2069	1000	10.170	10.293
			Recovery	=	25.43%	25.73%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	9347	6568	86.502	67.856
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	45	46	0.242	0.272
5) L1 Aroclor-1016	6.70	8.75	6046	2636	188.714	207.053
6) L1 Aroclor-1016 {2}	8.82	10.27	2830	5161	166.404	183.127
7) L1 Aroclor-1016 {3}	9.21	12.20	4665	2902	180.793	171.205
Total Aroclor-1016			13541	10699	535.910	561.386
Average Aroclor-1016					178.637	187.129
8) L2 Aroclor-1221	5.01f	7.98f	484	412	69.027	67.407
9) L2 Aroclor-1221 {2}	5.42f	8.52f	674	570	115.581	116.960
10) L2 Aroclor-1221 {3}	5.59f	8.75f	3262	2636	161.420	171.693
Total Aroclor-1221			4420	3619	346.029	356.059
Average Aroclor-1221					115.343	118.686
11) L3 Aroclor-1232	5.59f	8.75f	3262	2636	178.814	183.935
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			3262	2636	178.814	183.935
Average Aroclor-1232					178.814	183.935
14) L4 Aroclor-1242	5.59	8.75	3262	2636	137.175	139.251
15) L4 Aroclor-1242 {2}	6.70	10.27	6046	5161	142.778	139.078
16) L4 Aroclor-1242 {3}	8.11	11.33	9347	2158	144.851	135.576
17) L4 Aroclor-1242 (4)	8.50	11.60	3546	6568	131.482	130.023
18) L4 Aroclor-1242 (5)	8.82	12.20	2830	2902	127.461	130.520
Total Aroclor-1242			25032	19425	683.748	674.450
Average Aroclor-1242					136.750	134.890
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1050

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0191.D Vial: 8
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0191.D\CONFIRM.D
 Acq On : 29 Nov 96 11:01 PM Operator: JS
 Sample : 8080,1000ng/ul,AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 29 23:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.96	17.12	601	502	17.340	16.071
23) L6 Aroclor-1254 {2}	13.29	17.51	977	960	13.571	13.911
24) L6 Aroclor-1254 {3}	13.78	17.94	476	571	14.176	13.115
25) L6 Aroclor-1254 (4)	14.14	0.00	592	0	12.658	N.D. #
26) L6 Aroclor-1254 (5)	15.68	19.99	133	115	2.465	2.622
Total Aroclor-1254			2779	2149	60.211	45.719
Average Aroclor-1254					12.042	11.430
27) L7 Aroclor-1260	13.78	18.14	476	86	13.765	2.651 #
28) L7 Aroclor-1260 {2}	14.58	0.00	87	0	2.204	N.D. #
29) L7 Aroclor-1260 {3}	0.00	21.88	0	39	N.D.	0.718 #
Total Aroclor-1260			564	125	15.969	3.369
Average Aroclor-1260					7.984	1.684
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

1051

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0192.D Vial: 9
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0192.D\CONFIRM.D
 Acq On : 29 Nov 96 11:41 PM Operator: JS
 Sample : 8080,500ng/ul,AR1242 CON2 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 0:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

Update

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	1507	1185	6.047	6.066
			Recovery	=	15.12%	15.17%
2) S Decachlorobiphenyl	22.09	30.26	978	475	4.806	4.895
			Recovery	=	12.02%	12.24%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	4536	3168	41.977	32.730
4) M 2,2',3,3',4,4'-Hexa	16.80	21.52	24	23	0.128	0.138
5) L1 Aroclor-1016	6.70	8.75	3180	1359	99.258	106.759
6) L1 Aroclor-1016 {2}	8.82	10.27	1367	2746	80.373	97.421
7) L1 Aroclor-1016 {3}	9.21	12.20	2385	1446	92.426	85.313
Total Aroclor-1016			6932	5551	272.057	289.492
Average Aroclor-1016					90.686	96.497
8) L2 Aroclor-1221	5.01f	7.98f	246	209	35.110	34.252
9) L2 Aroclor-1221 {2}	5.42f	8.52f	341	301	58.460	61.654
10) L2 Aroclor-1221 {3}	5.59f	8.75f	1675	1359	82.918	88.527
Total Aroclor-1221			2263	1869	176.487	184.433
Average Aroclor-1221					58.829	61.478
11) L3 Aroclor-1232	5.59f	8.75f	1675	1359	91.853	94.839
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			1675	1359	91.853	94.839
Average Aroclor-1232					91.853	94.839
14) L4 Aroclor-1242	5.59	8.75	1675	1359	70.463	71.799
15) L4 Aroclor-1242 {2}	6.70	10.27	3180	2746	75.098	73.988
16) L4 Aroclor-1242 {3}	8.11	11.33	4536	1105	70.292	69.396
17) L4 Aroclor-1242 (4)	8.50	11.60	1742	3168	64.603	62.716
18) L4 Aroclor-1242 (5)	8.82	12.20	1367	1446	61.564	65.039
Total Aroclor-1242			12501	9823	342.020	342.937
Average Aroclor-1242					68.404	68.587
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0192.D
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0192.D\CONFIRM.D
 Acq On : 29 Nov 96 11:41 PM
 Sample : 8080,500ng/ul,AR1242 CON2
 Misc :
 Quant Time: Nov 30 0:20 1996

Vial: 9
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 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
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	12.96	17.12	284	243	8.195	7.781
23) L6 Aroclor-1254 {2}	13.29	17.51	468	460	6.498	6.664
24) L6 Aroclor-1254 {3}	13.78	17.94	224	270	6.667	6.197
25) L6 Aroclor-1254 (4)	14.14	0.00	277	0	5.919	N.D. #
26) L6 Aroclor-1254 (5)	15.68	19.99	62	54	1.149	1.223
Total Aroclor-1254			1315	1027	28.427	21.865
Average Aroclor-1254					5.685	5.466
27) L7 Aroclor-1260	13.78	18.13	224	41	6.473	1.260 #
28) L7 Aroclor-1260 {2}	14.57	0.00	41	0	1.036	N.D. #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			265	41	7.509	1.260
Average Aroclor-1260					3.755	1.260
30) L8 Aroclor-1268	0.00	23.33f	0	13	N.D.	3.089 #
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	13	N.D.	3.089
Average Aroclor-1268					0.000	3.089

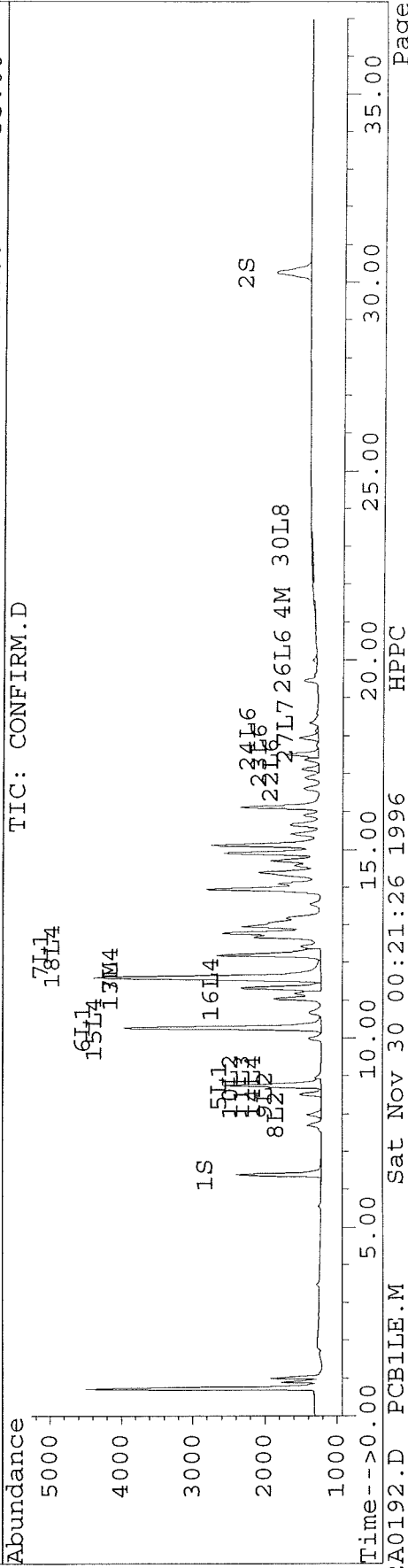
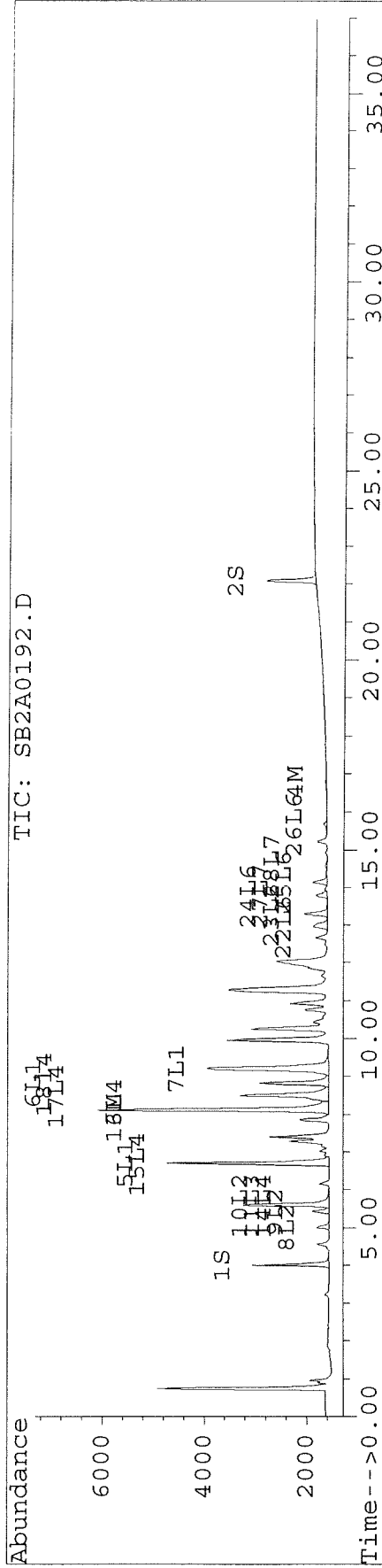
1054

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0192.D Vial: 9
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0192.D\CONFIRM.D
Acq On : 29 Nov 96 11:41 PM Operator: JS
Sample : 8080,500ng/uL,AR1242 CON2 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Nov 30 0:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Fri Nov 29 09:19:02 1996
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



1055

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0193.D Vial: 10
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0193.D\CONFIRM.D
 Acq On : 30 Nov 96 00:22 AM Operator: JS
 Sample : 8080,100ng/ul,AR1242 CON1 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 1:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

update

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	275	229	1.105	1.174
			Recovery	=	2.76%	2.94%
2) S Decachlorobiphenyl	22.09	30.26	211	105	1.036	1.083
			Recovery	=	2.59%	2.71%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.12	11.60	880	650	8.146	6.718
4) M 2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5) L1 Aroclor-1016	6.70	8.75	679	270	21.193	21.181
6) L1 Aroclor-1016 {2}	8.82	10.27	270	593	15.849	21.030 #
7) L1 Aroclor-1016 {3}	9.21	12.20	509	294	19.744	17.368
Total Aroclor-1016			1458	1157	56.786	59.579
Average Aroclor-1016					18.929	19.860
8) L2 Aroclor-1221	5.01f	7.98f	49	41	7.001	6.779
9) L2 Aroclor-1221 {2}	5.43f	8.52f	67	56	11.526	11.468
10) L2 Aroclor-1221 {3}	5.60f	8.75f	338	270	16.721	17.563
Total Aroclor-1221			454	367	35.248	35.810
Average Aroclor-1221					11.749	11.937
11) L3 Aroclor-1232	5.60f	8.75f	338	270	18.523	18.816
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	593	N.D.	49.335 #
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	294	N.D.	42.458 #
Total Aroclor-1232			338	1157	18.523	110.609
Average Aroclor-1232					18.523	36.870
14) L4 Aroclor-1242	5.60	8.75	338	270	14.209	14.245
15) L4 Aroclor-1242 {2}	6.70	10.27	679	593	16.034	15.972
16) L4 Aroclor-1242 {3}	8.12	11.33	880	226	13.641	14.222
17) L4 Aroclor-1242 (4)	8.50	11.60	348	650	12.921	12.874
18) L4 Aroclor-1242 (5)	8.82	12.20	270	294	12.140	13.241
Total Aroclor-1242			2515	2033	68.945	70.553
Average Aroclor-1242					13.789	14.111
19) L5 Aroclor-1248	0.00	14.91f	0	275	N.D.	13.730 #
20) L5 Aroclor-1248 {2}	0.00	15.12f	0	308	N.D.	14.929 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0193.D Vial: 10
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0193.D\CONFIRM.D
 Acq On : 30 Nov 96 00:22 AM Operator: JS
 Sample : 8080,100ng/ul,AR1242 CON1 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 1:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	0.00	16.13f	0	229	N.D.	14.772 #
Total Aroclor-1248			0	812	N.D.	43.431
Average Aroclor-1248					0.000	14.477
22) L6 Aroclor-1254	12.96	17.12	57	48	1.636	1.549
23) L6 Aroclor-1254 {2}	13.29	17.51	95	94	1.313	1.366
24) L6 Aroclor-1254 {3}	13.78	17.94	43	56	1.291	1.292
25) L6 Aroclor-1254 (4)	14.14	0.00	53	0	1.124	N.D. #
26) L6 Aroclor-1254 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			247	199	5.364	4.206
Average Aroclor-1254					1.341	1.402
27) L7 Aroclor-1260	13.78	0.00	43	0	1.253	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			43	0	1.253	N.D.
Average Aroclor-1260					1.253	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

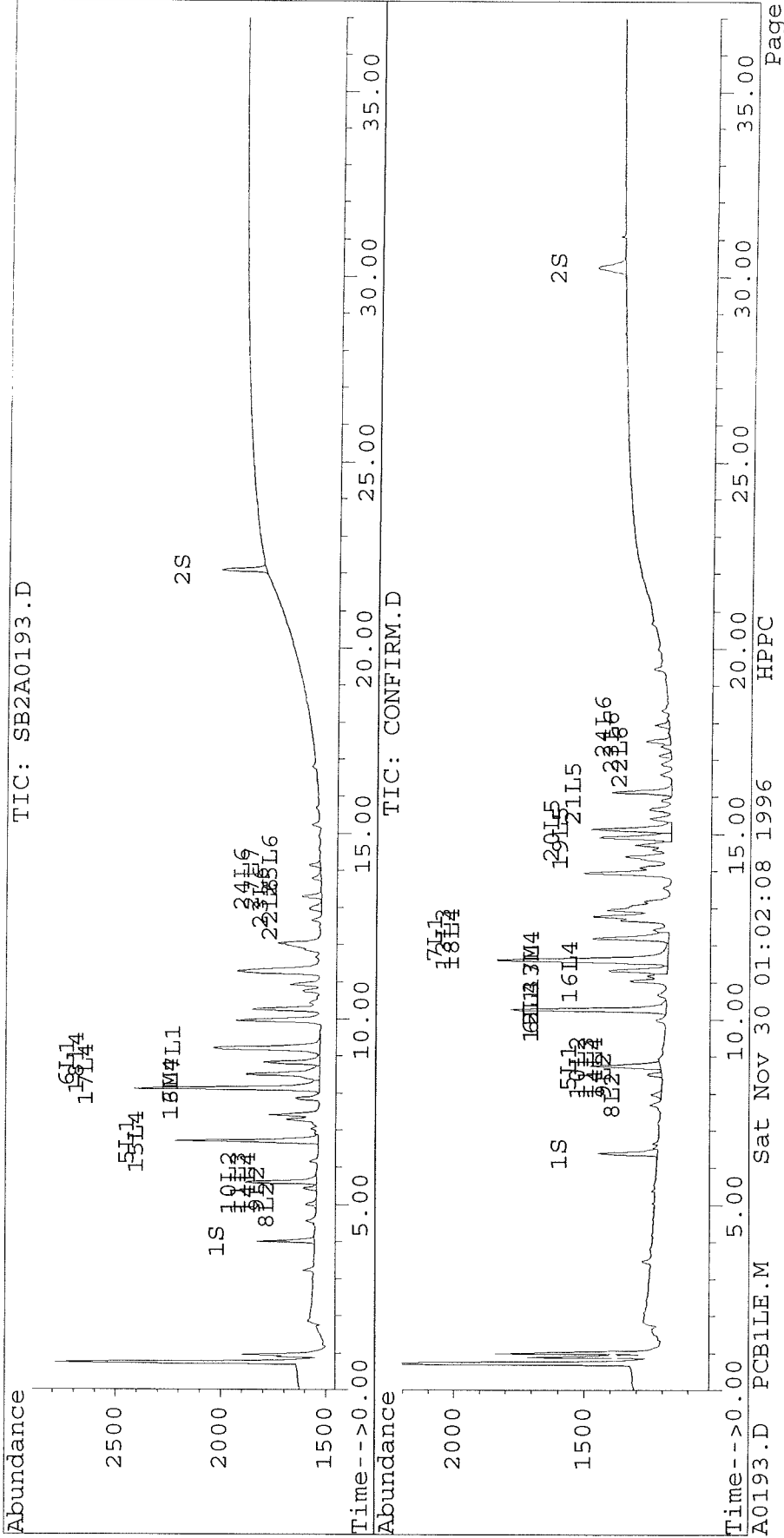
1057

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0193.D Vial: 10
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0193.D\CONFIRM.D
Acq On : 30 Nov 96 00:22 AM Operator: JS
Sample : 8080,100ng/ul,AR1242 CON1 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Nov 30 1:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Fri Nov 29 09:19:02 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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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Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0194.D Vial: 11
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0194.D\CONFIRM.D
 Acq On : 30 Nov 96 01:03 AM Operator: JS
 Sample : 8080,5000ng/ul,AR1254 CON5 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 1:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

Update

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	17345	13949	69.580	71.432
			Recovery	=	173.95%	178.58%
2) S Decachlorobiphenyl	22.09	30.25	9337	4207	45.894	43.312
			Recovery	=	114.74%	108.28%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	970	719	8.975	7.429
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	11079	8713	59.246	51.546
5) L1 Aroclor-1016	6.70	8.75	603	189	18.830	14.881
6) L1 Aroclor-1016 {2}	8.82	10.27	309	522	18.192	18.517
7) L1 Aroclor-1016 {3}	9.17f	12.20	17636	242	683.506	14.255 #
Total Aroclor-1016			18549	953	720.528	47.653
Average Aroclor-1016					240.176	15.884
8) L2 Aroclor-1221	5.00f	7.98f	29	22	4.087	3.539
9) L2 Aroclor-1221 {2}	5.43f	8.52f	40	37	6.793	7.545
10) L2 Aroclor-1221 {3}	5.60f	8.75f	229	189	11.329	12.340
Total Aroclor-1221			297	248	22.209	23.423
Average Aroclor-1221					7.403	7.808
11) L3 Aroclor-1232	5.60f	8.75f	229	189	12.549	13.220
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	522	N.D.	43.439 #
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	242	N.D.	34.848 #
Total Aroclor-1232			229	953	12.549	91.506
Average Aroclor-1232					12.549	30.502
14) L4 Aroclor-1242	5.60	8.75	229	189	9.627	10.008
15) L4 Aroclor-1242 {2}	6.70	10.27	603	522	14.246	14.063
16) L4 Aroclor-1242 {3}	8.11	11.33	970	188	15.029	11.782
17) L4 Aroclor-1242 (4)	8.49	11.60	351	719	13.000	14.236
18) L4 Aroclor-1242 (5)	8.82	12.20	309	242	13.935	10.867
Total Aroclor-1242			2462	1860	65.837	60.956
Average Aroclor-1242					13.167	12.191
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1059

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0194.D Vial: 11
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0194.D\CONFIRM.D
 Acq On : 30 Nov 96 01:03 AM Operator: JS
 Sample : 8080,5000ng/ul,AR1254 CON5 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 1:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	22814	20490	657.906	655.759
23) L6 Aroclor-1254 {2}	13.29	17.50	45775	43543	636.033	630.680
24) L6 Aroclor-1254 {3}	13.78	17.93	20640	27302	614.336	626.621
25) L6 Aroclor-1254 (4)	14.13	18.45	29174	17193	623.615	612.872
26) L6 Aroclor-1254 (5)	15.67	19.98	35238	28808	653.683	657.090
Total Aroclor-1254			153641	137336	3185.573	3183.022
Average Aroclor-1254					637.115	636.604
27) L7 Aroclor-1260	13.78	18.13	20640	15652	596.512	481.779
28) L7 Aroclor-1260 {2}	14.57	18.45	18379	17193	463.167	467.868
29) L7 Aroclor-1260 {3}	17.77	21.86	5006	4506	90.631	83.213
Total Aroclor-1260			44025	37350	1150.310	1032.860
Average Aroclor-1260					383.437	344.287
30) L8 Aroclor-1268	18.89	0.00	3392	0	NoCal	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

1060

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0195.D Vial: 12
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0195.D\CONFIRM.D
 Acq On : 30 Nov 96 01:43 AM Operator: JS
 Sample : 8080,2500ng/ul,AR1254 CON4 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 2:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

Update

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	8297	6568	33.284	33.637
			Recovery	=	83.21%	84.09%
2) S Decachlorobiphenyl	22.09	30.26	4784	2203	23.512	22.683
			Recovery	=	58.78%	56.71%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.12	11.60	492	365	4.558	3.776
4) M 2,2',3,3',4,4'-Hexa	16.79	21.51	5368	4267	28.708	25.245
5) L1 Aroclor-1016	6.70	8.76	315	99	9.847	7.776
6) L1 Aroclor-1016 {2}	8.82	10.27	159	273	9.334	9.682
7) L1 Aroclor-1016 {3}	9.17f	12.20	9737	123	377.347	7.282 #
Total Aroclor-1016			10211	495	396.528	24.741
Average Aroclor-1016					132.176	8.247
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	8.52f	0	20	N.D.	4.113 #
10) L2 Aroclor-1221 {3}	5.60f	8.76f	117	99	5.797	6.448
Total Aroclor-1221			117	119	5.797	10.561
Average Aroclor-1221					5.797	5.281
11) L3 Aroclor-1232	5.60f	8.76f	117	99	6.421	6.908
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	273	N.D.	22.713 #
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	123	N.D.	17.803 #
Total Aroclor-1232			117	495	6.421	47.424
Average Aroclor-1232					6.421	15.808
14) L4 Aroclor-1242	5.60	8.76	117	99	4.926	5.230
15) L4 Aroclor-1242 {2}	6.70	10.27	315	273	7.450	7.353
16) L4 Aroclor-1242 {3}	8.12	11.33	492	97	7.632	6.067
17) L4 Aroclor-1242 (4)	0.00	11.60	0	365	N.D.	7.235 #
18) L4 Aroclor-1242 (5)	8.82	12.20	159	123	7.150	5.552
Total Aroclor-1242			1084	957	27.158	31.437
Average Aroclor-1242					6.790	6.287
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0195.D Vial: 12
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0195.D\CONFIRM.D
 Acq On : 30 Nov 96 01:43 AM Operator: JS
 Sample : 8080,2500ng/ul,AR1254 CON4 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 2:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	11701	10409	337.438	333.123
23) L6 Aroclor-1254 {2}	13.29	17.50	24294	23059	337.570	333.981
24) L6 Aroclor-1254 {3}	13.78	17.94	10971	14012	326.526	321.607
25) L6 Aroclor-1254 (4)	14.13	18.45	15061	9057	321.945	322.844
26) L6 Aroclor-1254 (5)	15.67	19.99	18160	14665	336.874	334.510
Total Aroclor-1254			80187	71202	1660.352	1646.065
Average Aroclor-1254					332.070	329.213
27) L7 Aroclor-1260	13.78	18.13	10971	8374	317.053	257.753
28) L7 Aroclor-1260 {2}	14.57	18.45	9784	9057	246.571	246.459
29) L7 Aroclor-1260 {3}	17.77	21.87	2500	2309	45.262	42.649
Total Aroclor-1260			23255	19740	608.886	546.861
Average Aroclor-1260					202.962	182.287
30) L8 Aroclor-1268	18.89	0.00	1678	0	NoCal	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

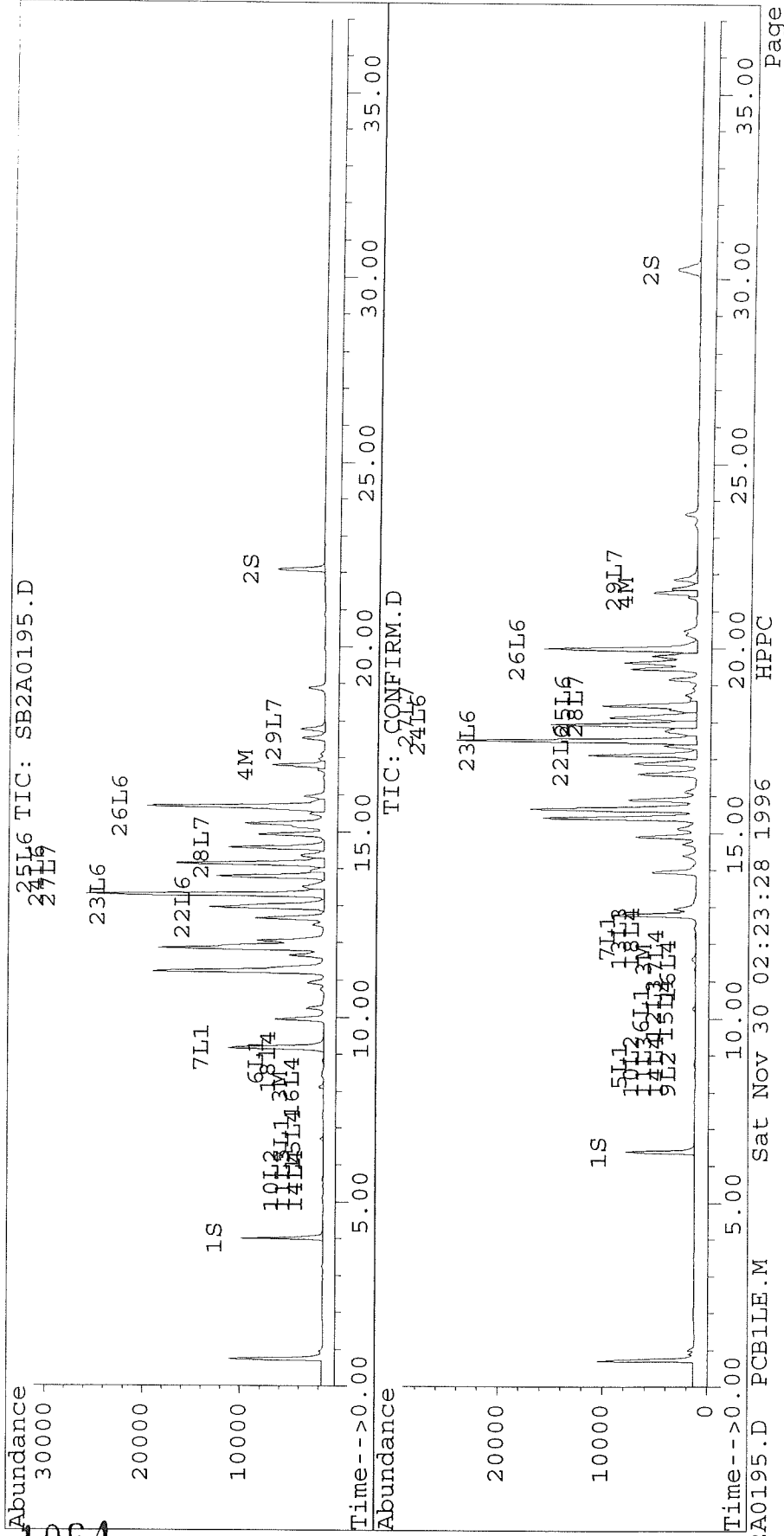
1063

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0195.D Vial: 12
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0195.D\CONFIRM.D
 Acq On : 30 Nov 96 01:43 AM Operator: JS
 Sample : 8080,2500ng/ul,ARI254 CON4 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 2:22 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 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 : D:\HPCHEM\5\29NOV96\SB2A0196.D Vial: 13
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0196.D\CONFIRM.D
 Acq On : 30 Nov 96 02:24 AM Operator: JS
 Sample : 8080,1000ng/ul,AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 3:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

update

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	2744	2203	11.008	11.281
			Recovery	=	27.52%	28.20%
2) S Decachlorobiphenyl	22.09	30.26	1790	869	8.797	8.942
			Recovery	=	21.99%	22.36%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.12	11.60	185	141	1.713	1.454
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	1982	1557	10.601	9.209
5) L1 Aroclor-1016	6.70	8.75	118	35	3.683	2.787
6) L1 Aroclor-1016 {2}	8.83	10.27	60	104	3.532	3.676
7) L1 Aroclor-1016 {3}	9.18f	12.20	3997	46	154.887	2.738 #
Total Aroclor-1016			4175	186	162.102	9.201
Average Aroclor-1016					54.034	3.067
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.60f	8.75f	43	35	2.114	2.311
Total Aroclor-1221			43	35	2.114	2.311
Average Aroclor-1221					2.114	2.311
11) L3 Aroclor-1232	5.60f	8.75f	43	35	2.342	2.476
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	104	N.D.	8.624 #
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	46	N.D.	6.694 #
Total Aroclor-1232			43	186	2.342	17.793
Average Aroclor-1232					2.342	5.931
14) L4 Aroclor-1242	5.60	8.75	43	35	1.797	1.874
15) L4 Aroclor-1242 {2}	6.70	10.27	118	104	2.787	2.792
16) L4 Aroclor-1242 {3}	8.12	11.33	185	36	2.869	2.260
17) L4 Aroclor-1242 (4)	8.49	11.60	69	141	2.544	2.786
18) L4 Aroclor-1242 (5)	8.83	12.20	60	46	2.705	2.087
Total Aroclor-1242			475	362	12.702	11.800
Average Aroclor-1242					2.540	2.360
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	15.12f	0	711	N.D.	34.440 #

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0196.D
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0196.D\CONFIRM.D
 Acq On : 30 Nov 96 02:24 AM
 Sample : 8080,1000ng/ul,AR1254 CON3
 Misc :
 Quant Time: Nov 30 3:03 1996

Vial: 13
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 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
21) L5 Aroclor-1248 {3}	0.00	16.13f	0	474	N.D.	30.638 #
Total Aroclor-1248			0	1185	N.D.	65.078
Average Aroclor-1248					0.000	32.539
22) L6 Aroclor-1254	12.95	17.12	4309	3826	124.250	122.463
23) L6 Aroclor-1254 {2}	13.29	17.50	9245	8741	128.454	126.606
24) L6 Aroclor-1254 {3}	13.79	17.94	4287	5238	127.585	120.230
25) L6 Aroclor-1254 (4)	14.13	18.45	5579	3590	119.257	127.987
26) L6 Aroclor-1254 (5)	15.68	19.99	6715	5478	124.571	124.958
Total Aroclor-1254			30134	26875	624.117	622.243
Average Aroclor-1254					124.823	124.449
27) L7 Aroclor-1260	13.79	18.13	4287	3380	123.883	104.041
28) L7 Aroclor-1260 {2}	14.57	18.45	3862	3590	97.327	97.705
29) L7 Aroclor-1260 {3}	17.78	21.87	931	860	16.850	15.889
Total Aroclor-1260			9079	7831	238.060	217.636
Average Aroclor-1260					79.353	72.545
30) L8 Aroclor-1268	18.89	0.00	624	0	NoCal	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

1066

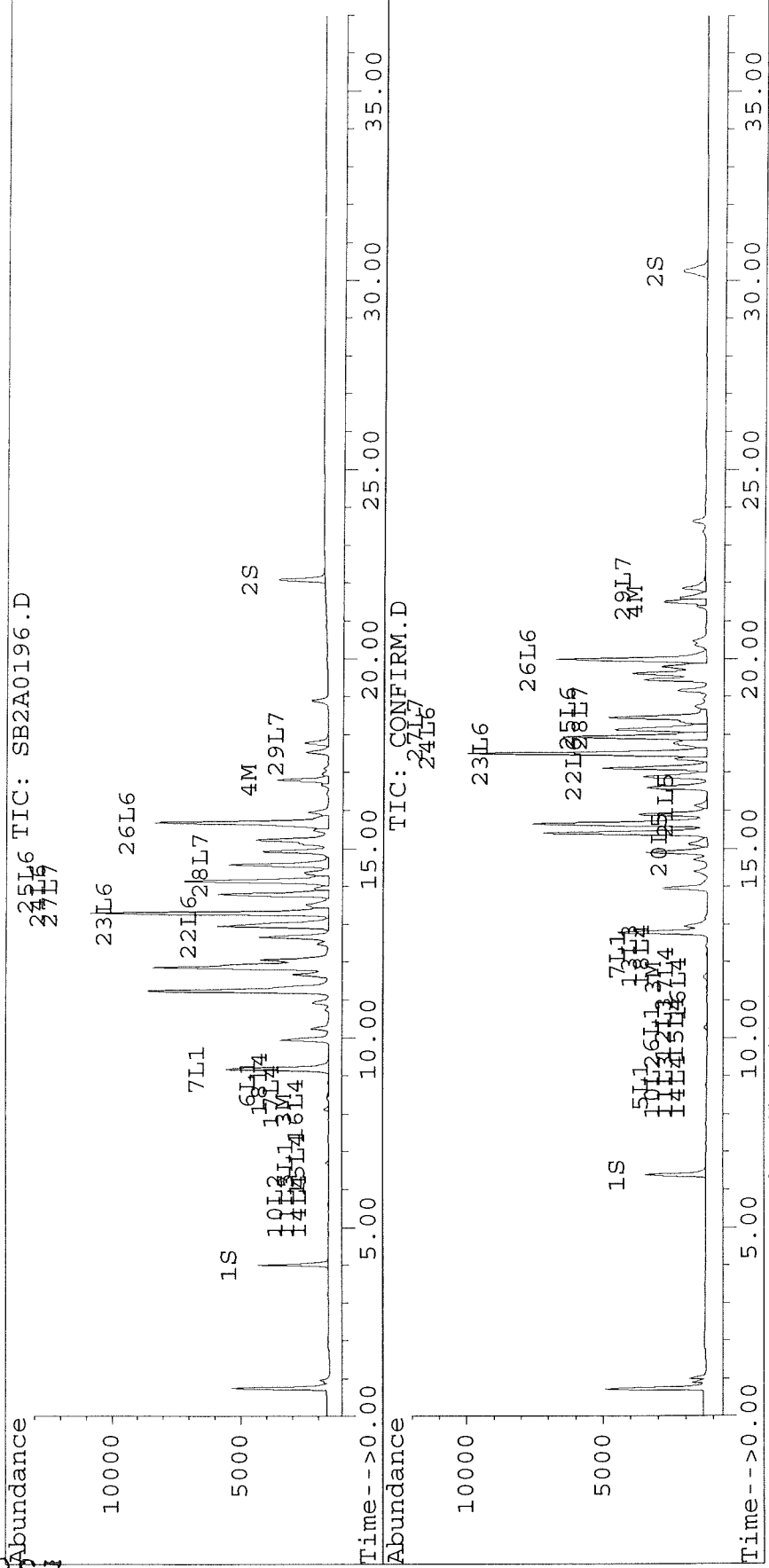
Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0196.D Vial: 13
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0196.D\CONFIRM.D
Acq On : 30 Nov 96 02:24 AM Operator: JS
Sample : 8080,1000ng/ul,AR1254 CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Nov 30 3:03 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
Title : PCB 5 LEVEL
Last Update : Fri Nov 29 09:19:02 1996
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

1067



Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0197.D Vial: 14
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0197.D\CONFIRM.D
 Acq On : 30 Nov 96 03:04 AM Operator: JS
 Sample : 8080,500ng/ul,AR1254 CON2 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 3:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

Update

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	1413	1167	5.666	5.976
			Recovery	=	14.17%	14.94%
2) S Decachlorobiphenyl	22.09	30.26	1039	509	5.109	5.236
			Recovery	=	12.77%	13.09%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.12	11.60	105	80	0.967	0.831
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	1099	877	5.878	5.189
5) L1 Aroclor-1016	6.70	0.00	65	0	2.044	N.D. #
6) L1 Aroclor-1016 {2}	8.82	10.27	34	58	2.017	2.053
7) L1 Aroclor-1016 {3}	9.18f	12.20	2301	25	89.192	1.454 #
Total Aroclor-1016			2401	82	93.253	3.507
Average Aroclor-1016					31.084	1.753
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.60f	0.00	26	0	1.272	N.D. #
Total Aroclor-1221			26	0	1.272	N.D.
Average Aroclor-1221					1.272	0.000
11) L3 Aroclor-1232	5.60f	0.00	26	0	1.409	N.D. #
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	58	N.D.	4.815 #
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	25	N.D.	3.554 #
Total Aroclor-1232			26	82	1.409	8.370
Average Aroclor-1232					1.409	4.185
14) L4 Aroclor-1242	5.60	0.00	26	0	1.081	N.D. #
15) L4 Aroclor-1242 {2}	6.70	10.27	65	58	1.546	1.559
16) L4 Aroclor-1242 {3}	8.12	11.33	105	21	1.620	1.299
17) L4 Aroclor-1242 (4)	8.49	11.60	39	80	1.455	1.593
18) L4 Aroclor-1242 (5)	8.82	12.20	34	25	1.545	1.108 #
Total Aroclor-1242			269	184	7.247	5.559
Average Aroclor-1242					1.449	1.390
19) L5 Aroclor-1248	0.00	14.91f	0	1238	N.D.	61.761 #
20) L5 Aroclor-1248 {2}	0.00	15.12f	0	397	N.D.	19.231 #

1068

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0197.D Vial: 14
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0197.D\CONFIRM.D
 Acq On : 30 Nov 96 03:04 AM Operator: JS
 Sample : 8080,500ng/ul,AR1254 CON2 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 3:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	0.00	16.13f	0	264	N.D.	17.086 #
Total Aroclor-1248			0	1900	N.D.	98.079
Average Aroclor-1248					0.000	32.693
22) L6 Aroclor-1254	12.95	17.12	2368	2132	68.283	68.232
23) L6 Aroclor-1254 {2}	13.29	17.50	5076	4856	70.528	70.336
24) L6 Aroclor-1254 {3}	13.79	17.94	2432	2929	72.393	67.234
25) L6 Aroclor-1254 (4)	14.13	18.45	3124	2025	66.784	72.199
26) L6 Aroclor-1254 (5)	15.68	19.99	3728	3026	69.159	69.015
Total Aroclor-1254			16728	14969	347.147	347.015
Average Aroclor-1254					69.429	69.403
27) L7 Aroclor-1260	13.79	18.14	2432	1926	70.293	59.277
28) L7 Aroclor-1260 {2}	14.57	18.45	2172	2025	54.737	55.117
29) L7 Aroclor-1260 {3}	17.78	21.87	525	505	9.510	9.325
Total Aroclor-1260			5130	4456	134.539	123.719
Average Aroclor-1260					44.846	41.240
30) L8 Aroclor-1268	18.89	0.00	349	0	NoCal	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

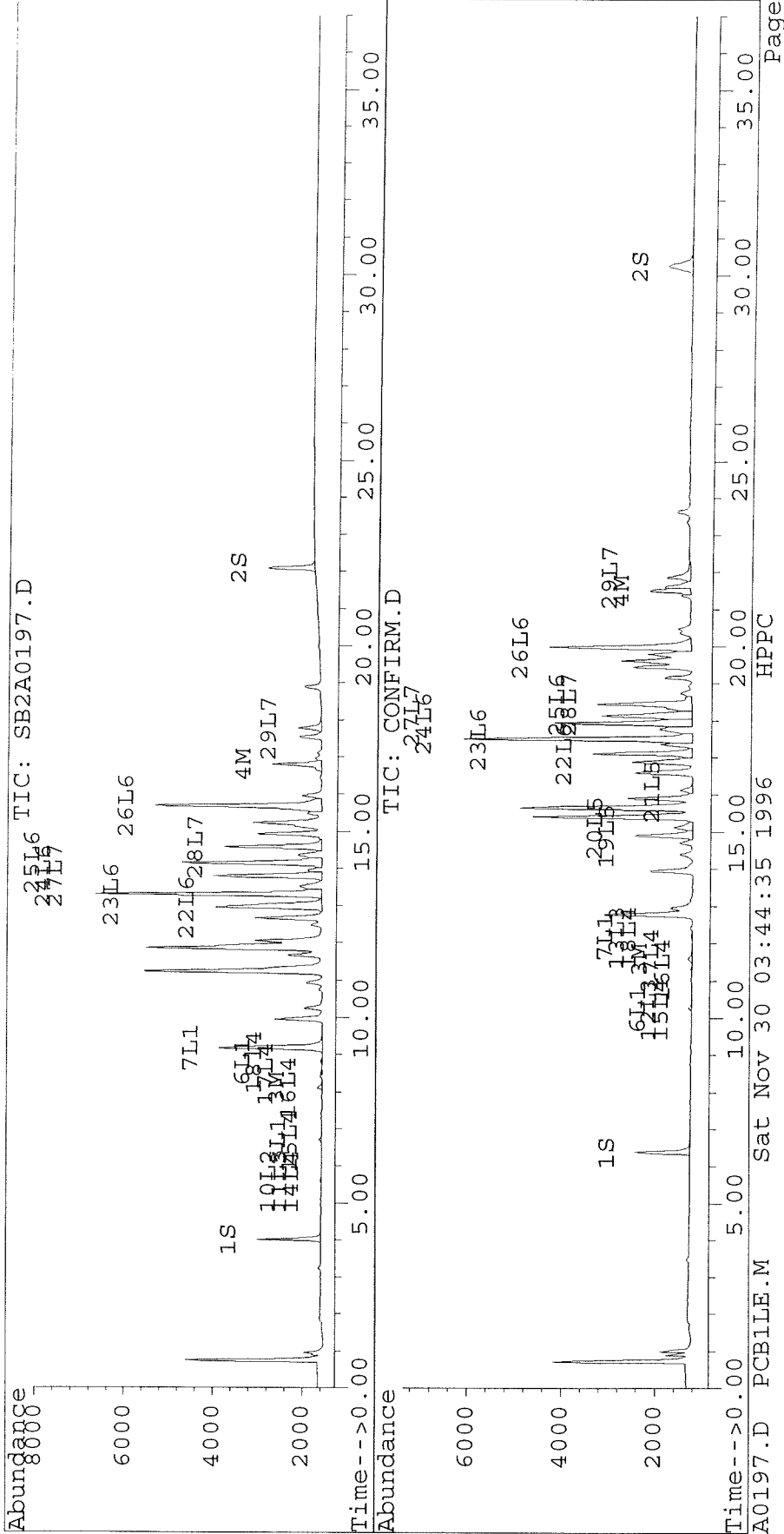
1069

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0197.D Vial: 14
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0197.D\CONFIRM.D
Acq On : 30 Nov 96 03:04 AM Operator: JS
Sample : 8080,500ng/ul,AR1254 CON2 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Nov 30 3:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Fri Nov 29 09:19:02 1996
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



1070

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0198.D
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0198.D\CONFIRM.D
 Acq On : 30 Nov 96 03:45 AM
 Sample : 8080,100ng/ul,AR1254 CON1
 Misc :
 Quant Time: Nov 30 4:24 1996

Vial: 15
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

Update

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	4.00	6.39	321	260	1.288	1.332
			Recovery	=	3.22%	3.33%
2) S Decachlorobiphenyl	22.09	30.26	231	115	1.136	1.189
			Recovery	=	2.84%	2.97%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	24	19	0.222	0.198
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	239	202	1.280	1.195
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	9.18f	0.00	547	0	21.213	N.D. #
Total Aroclor-1016			547	0	21.213	N.D.
Average Aroclor-1016					21.213	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	8.11	0.00	24	0	0.372	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.60	0	19	N.D.	0.380 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			24	19	0.372	0.380
Average Aroclor-1242					0.372	0.380
19) L5 Aroclor-1248	0.00	14.91f	0	278	N.D.	13.841 #
20) L5 Aroclor-1248 {2}	0.00	15.13f	0	87	N.D.	4.206 #

1071

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0198.D Vial: 15
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0198.D\CONFIRM.D
 Acq On : 30 Nov 96 03:45 AM Operator: JS
 Sample : 8080,100ng/ul,AR1254 CON1 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 4:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	0.00	16.13f	0	57	N.D.	3.695 #
Total Aroclor-1248			0	421	N.D.	21.742
Average Aroclor-1248					0.000	7.247
22) L6 Aroclor-1254	12.95	17.12	515	465	14.853	14.876
23) L6 Aroclor-1254 {2}	13.29	17.51	1082	1092	15.036	15.811
24) L6 Aroclor-1254 {3}	13.79	17.94	550	652	16.375	14.970
25) L6 Aroclor-1254 (4)	14.14	18.46	667	462	14.267	16.455
26) L6 Aroclor-1254 (5)	15.68	19.99	793	670	14.713	15.290
Total Aroclor-1254			3608	3341	75.244	77.403
Average Aroclor-1254					15.049	15.481
27) L7 Aroclor-1260	13.79	18.14	550	444	15.900	13.670
28) L7 Aroclor-1260 {2}	14.57	18.46	486	462	12.249	12.562
29) L7 Aroclor-1260 {3}	17.78	21.87	112	128	2.034	2.360
Total Aroclor-1260			1149	1034	30.183	28.592
Average Aroclor-1260					10.061	9.531
30) L8 Aroclor-1268	18.89	0.00	76	0	NoCal	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

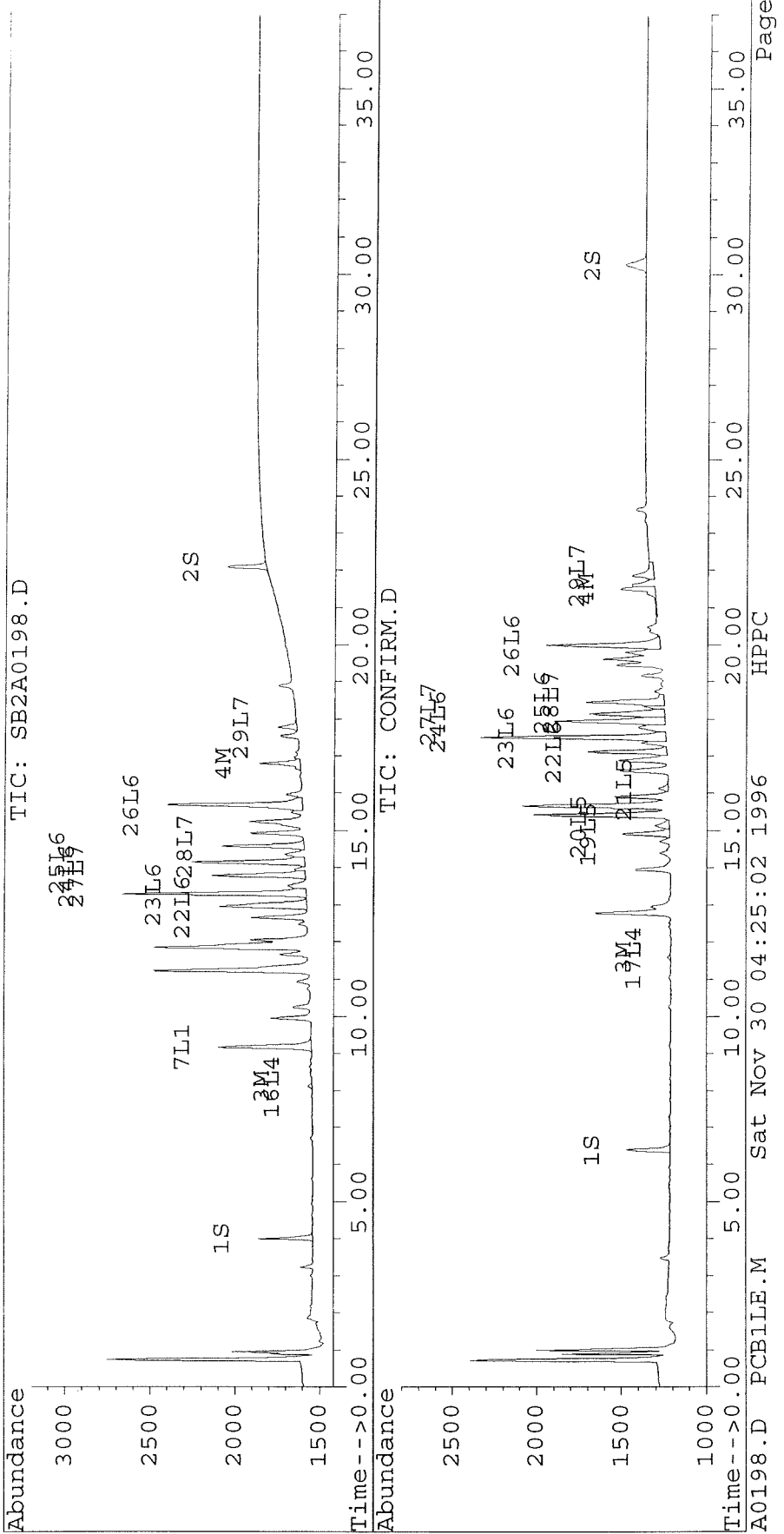
1072

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0198.D Vial: 15
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0198.D\CONFIRM.D
 Acq On : 30 Nov 96 03:45 AM Operator: JS
 Sample : 8080,100ng/ul,AR1254 CON1 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 4:24 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 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



1073

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0199.D
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0199.D\CONFIRM.D
 Acq On : 30 Nov 96 04:26 AM
 Sample : 8080,1000ng/ul, CONG CON5
 Misc :
 Quant Time: Nov 30 5:04 1996

Vial: 16
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 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

Updated

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.00	6.39	<u>20418</u>	15915	81.909	81.501
			Recovery	=	204.77%	203.75%
2) S Decachlorobiphenyl	22.09	30.25	<u>13703</u>	6193	67.353	63.762
			Recovery	=	168.38%	159.41%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	80836	71672	748.075	740.489
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	135703	126906	725.683	750.763
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	8.11	11.31	80836	20	1252.678	1.231 #
17) L4 Aroclor-1242 (4)	0.00	11.61	0	71672	N.D.	1418.891 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			80836	71691	1252.678	1420.122
Average Aroclor-1242					1252.678	710.061
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	15.13f	0	25	N.D.	1.225 #

1074

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0199.D Vial: 16
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0199.D\CONFIRM.D
 Acq On : 30 Nov 96 04:26 AM Operator: JS
 Sample : 8080,1000ng/ul, CONG CON5 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 5:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	25	N.D.	1.225
Average Aroclor-1248					0.000	1.225
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}	13.77	0.00	410	0	12.213	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			410	0	12.213	N.D.
Average Aroclor-1254					12.213	0.000
27) L7 Aroclor-1260	13.77	0.00	410	0	11.858	N.D. #
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
29) L7 Aroclor-1260 {3}	17.77	0.00	43	0	0.776	N.D. #
Total Aroclor-1260			453	0	12.635	N.D.
Average Aroclor-1260					6.317	0.000
30) L8 Aroclor-1268	18.89	0.00	62	0	NoCal	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

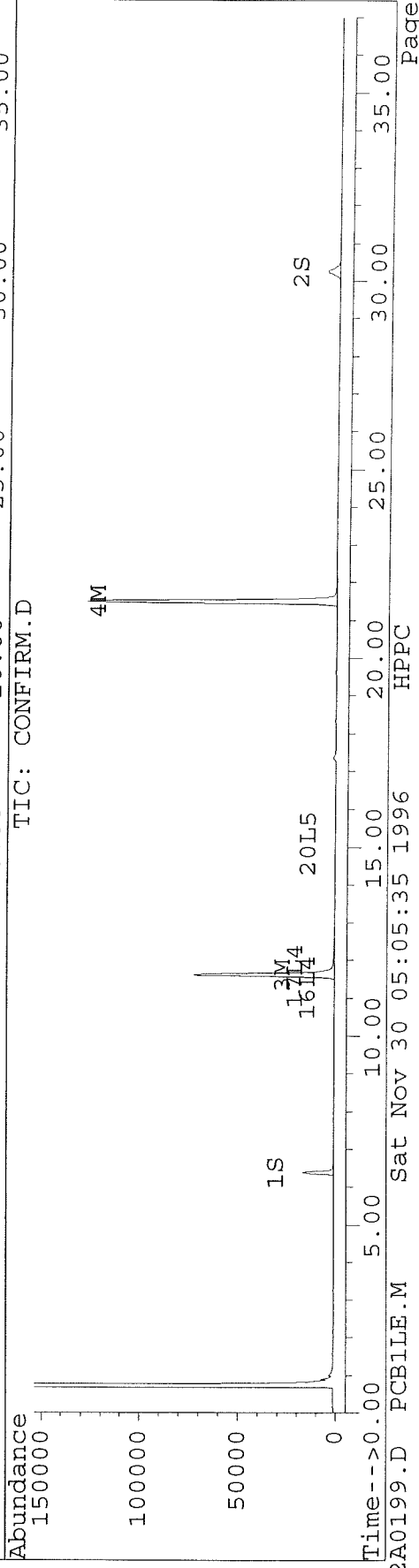
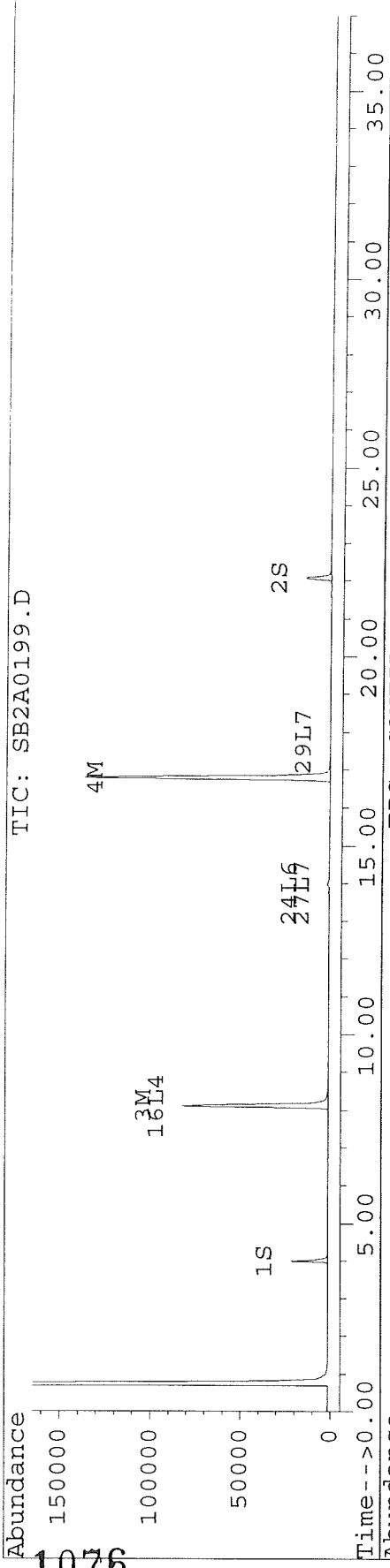
1075

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0199.D Vial: 16
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0199.D\CONFIRM.D
Acq On : 30 Nov 96 04:26 AM Operator: JS
Sample : 8080,1000ng/ul, CONG CON5 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Nov 30 5:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Fri Nov 29 09:19:02 1996
Response via : Multiple Level Calibration

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



1076

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0200.D Vial: 17
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0200.D\CONFIRM.D
 Acq On : 30 Nov 96 05:06 AM Operator: JS
 Sample : 8080,500ng/ul, CONG CON4 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 5:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

Updated

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	8259	6466	33.132	33.113
			Recovery	=	82.83%	82.78%
2) S Decachlorobiphenyl	22.09	30.25	6108	2821	30.019	29.042
			Recovery	=	75.05%	72.61%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.62	38229	34122	353.775	352.537
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	65101	60763	348.134	359.465
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	8.11	0.00	38229	0	592.409	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.62	0	34122	N.D.	675.515 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			38229	34122	592.409	675.515
Average Aroclor-1242					592.409	675.515
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1077

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0200.D Vial: 17
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0200.D\CONFIRM.D
 Acq On : 30 Nov 96 05:06 AM Operator: JS
 Sample : 8080,500ng/ul, CONG CON4 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 5:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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}	13.77	0.00	182	0	5.420	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			182	0	5.420	N.D.
Average Aroclor-1254					5.420	0.000
27) L7 Aroclor-1260	13.77	0.00	182	0	5.263	N.D. #
28) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
29) L7 Aroclor-1260 {3}	17.76	0.00	17	0	0.314	N.D. #
Total Aroclor-1260			199	0	5.577	N.D.
Average Aroclor-1260					2.789	0.000
30) L8 Aroclor-1268	18.90f	0.00	28	0	NoCal	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

1078

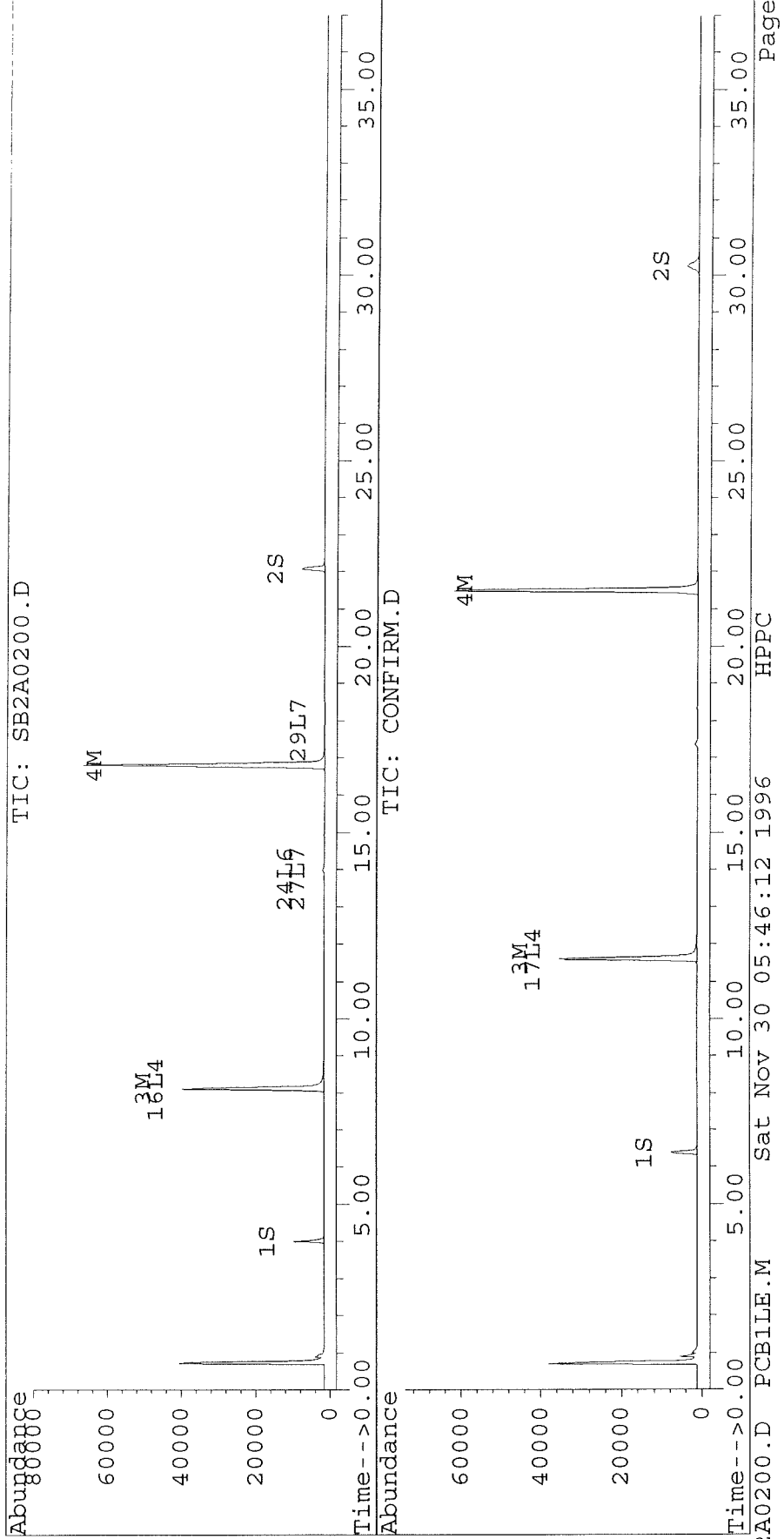
Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0200.D Vial: 17
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0200.D\CONFIRM.D
Acq On : 30 Nov 96 05:06 AM Operator: JS
Sample : 8080,500ng/ul,CONG CON4 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Nov 30 5:45 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
Title : PCB 5 LEVEL
Last Update : Fri Nov 29 09:19:02 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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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Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0201.D
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0201.D\CONFIRM.D
 Acq On : 30 Nov 96 05:47 AM
 Sample : 8080,250ng/ul, CONG CON3
 Misc :
 Quant Time: Nov 30 6:26 1996

Vial: 18
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

Update

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	4.00	6.39	3643	2944	14.614	15.074
			Recovery		36.54%	37.69%
2) S Decachlorobiphenyl	22.08	30.25	3217	1484	15.814	15.283
			Recovery	=	39.54%	38.21%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.62	19223	17040	177.891	176.054
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	34178	31664	182.771	187.323
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	8.11	0.00	19223	0	297.886	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.62	0	17040	N.D.	337.347 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			19223	17040	297.886	337.347
Average Aroclor-1242					297.886	337.347
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1080

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0201.D Vial: 18
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0201.D\CONFIRM.D
 Acq On : 30 Nov 96 05:47 AM Operator: JS
 Sample : 8080,250ng/ul,CONG CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 6:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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}	13.77	0.00	90	0	2.685	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			90	0	2.685	N.D.
Average Aroclor-1254					2.685	0.000
27) L7 Aroclor-1260	13.77	0.00	90	0	2.607	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			90	0	2.607	N.D.
Average Aroclor-1260					2.607	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

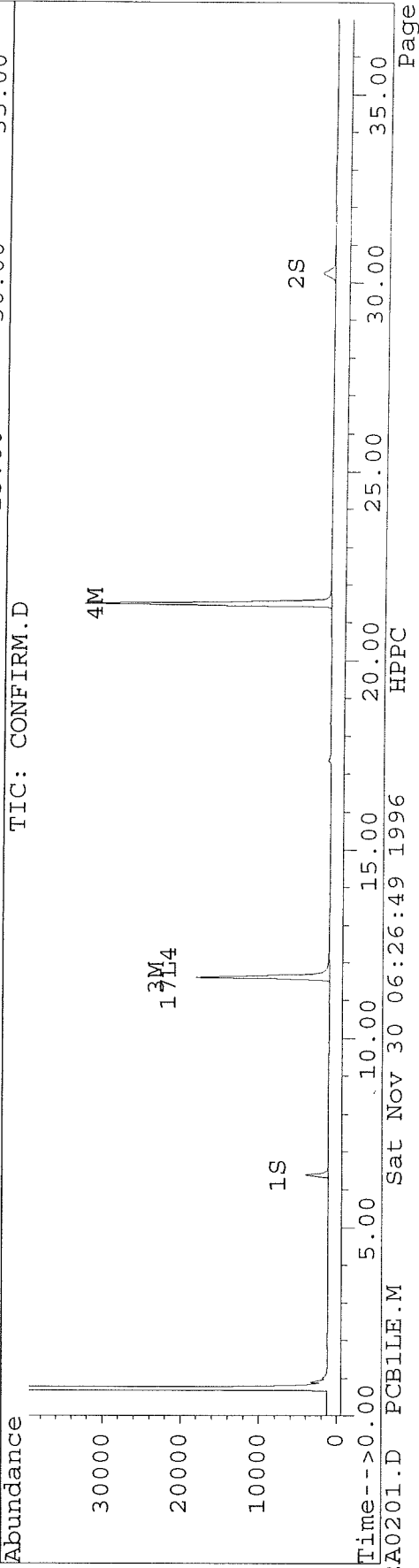
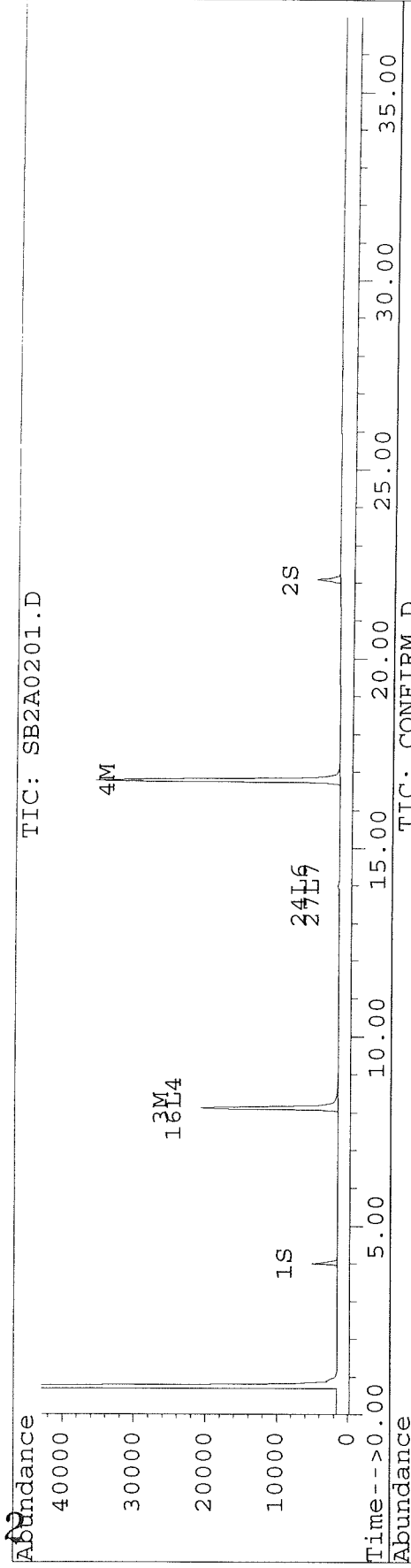
1081

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0201.D Vial: 18
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0201.D\CONFIRM.D
Acq On : 30 Nov 96 05:47 AM Operator: JS
Sample : 8080,250ng/ul,CONG CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Nov 30 6:26 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
Title : PCB 5 LEVEL
Last Update : Fri Nov 29 09:19:02 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\29NOV96\SB2A0202.D Vial: 19
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0202.D\CONFIRM.D
 Acq On : 30 Nov 96 06:28 AM Operator: JS
 Sample : 8080,100ng/ul,CONG CON2 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 7:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

update

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	<u>1305</u>	1049	5.234	5.374
			Recovery	=	13.09%	13.44%
2) S Decachlorobiphenyl	22.09	30.25	1218	586	5.984	6.034
			Recovery	=	14.96%	15.09%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.12	11.62	7031	6155	65.068	63.587
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	12649	11836	67.644	70.023
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	8.12	0.00	7031	0	108.959	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.62	0	6155	N.D.	121.842 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			7031	6155	108.959	121.842
Average Aroclor-1242					108.959	121.842
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1083

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0202.D Vial: 19
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0202.D\CONFIRM.D
 Acq On : 30 Nov 96 06:28 AM Operator: JS
 Sample : 8080,100ng/ul, CONG CON2 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 7:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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}	13.78	0.00	34	0	1.001	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			34	0	1.001	N.D.
Average Aroclor-1254					1.001	0.000
27) L7 Aroclor-1260	13.78	0.00	34	0	0.972	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			34	0	0.972	N.D.
Average Aroclor-1260					0.972	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

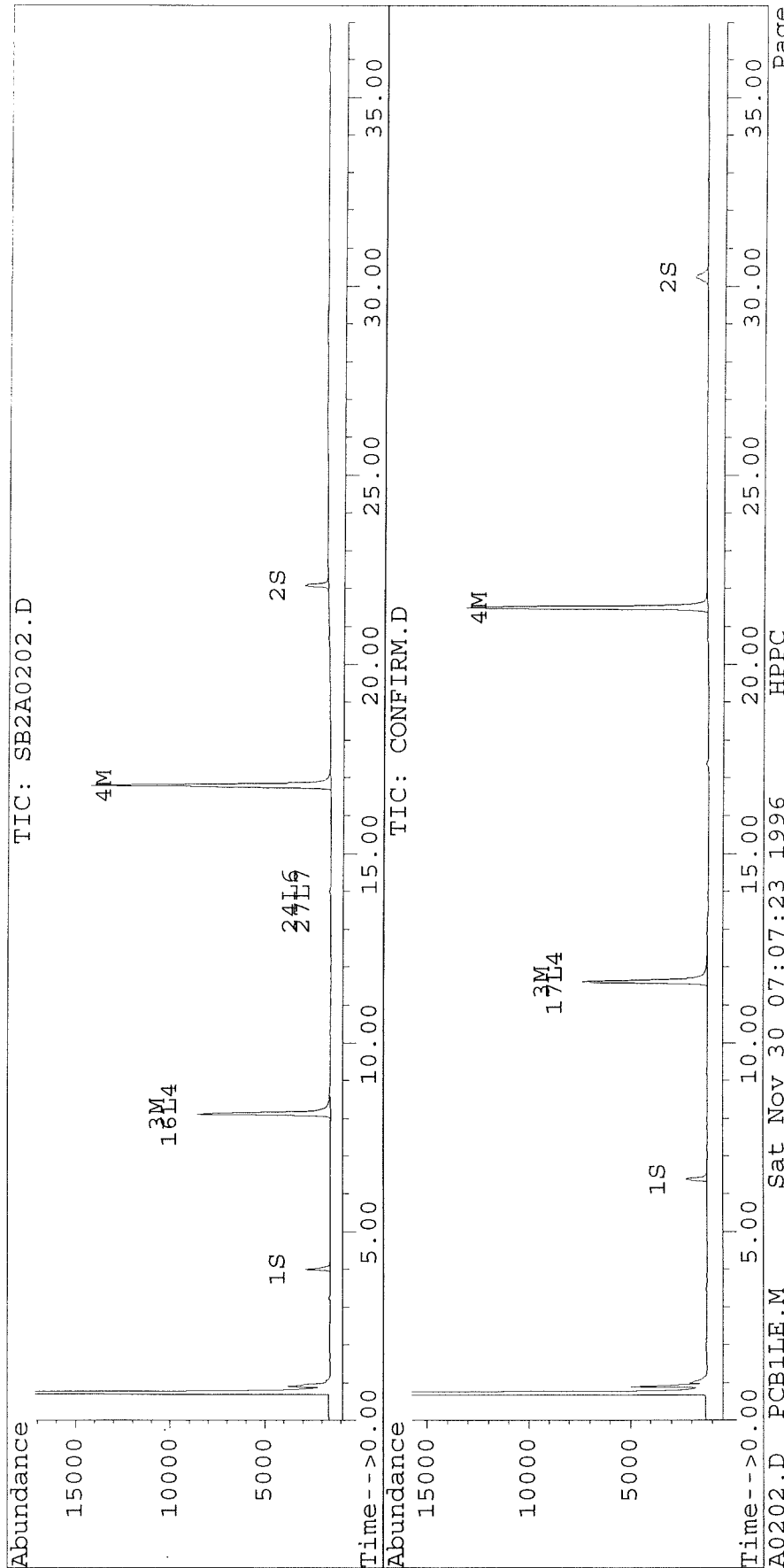
1084

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0202.D Vial: 19
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0202.D\CONFIRM.D
Acq On : 30 Nov 96 06:28 AM Operator: JS
Sample : 8080,100ng/ul,CONG CON2 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Nov 30 7:06 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
Title : PCB 5 LEVEL
Last Update : Fri Nov 29 09:19:02 1996
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



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Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0203.D
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0203.D\CONFIRM.D
 Acq On : 30 Nov 96 07:08 AM
 Sample : 8080,50ng/ul, CONG CON1
 Misc :
 Quant Time: Nov 30 7:47 1996

Vial: 20
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 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

Update

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul

System Monitoring Compounds						
1) S Tetrachloro-m-xylene	4.00	6.39	<u>638</u>	<u>523</u>	2.559	2.681
			Recovery	=	6.40%	6.70%
2) S Decachlorobiphenyl	22.09	30.26	616	299	3.029	3.075
			Recovery	=	7.57%	7.69%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.12	11.62	3440	3046	31.833	31.472
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	6034	5708	32.267	33.765
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	8.12	0.00	3440	0	53.305	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.62	0	3046	N.D.	60.305 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			3440	3046	53.305	60.305
Average Aroclor-1242					53.305	60.305
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1086

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0203.D Vial: 20
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0203.D\CONFIRM.D
 Acq On : 30 Nov 96 07:08 AM Operator: JS
 Sample : 8080,50ng/ul, CONG CON1 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Nov 30 7:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Fri Nov 29 09:19:02 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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.	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

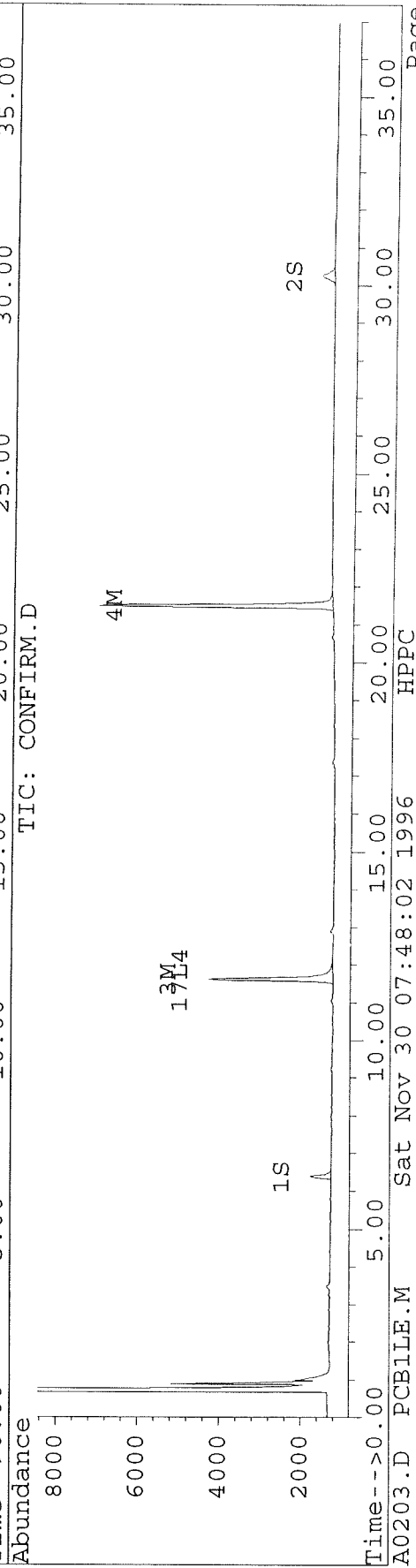
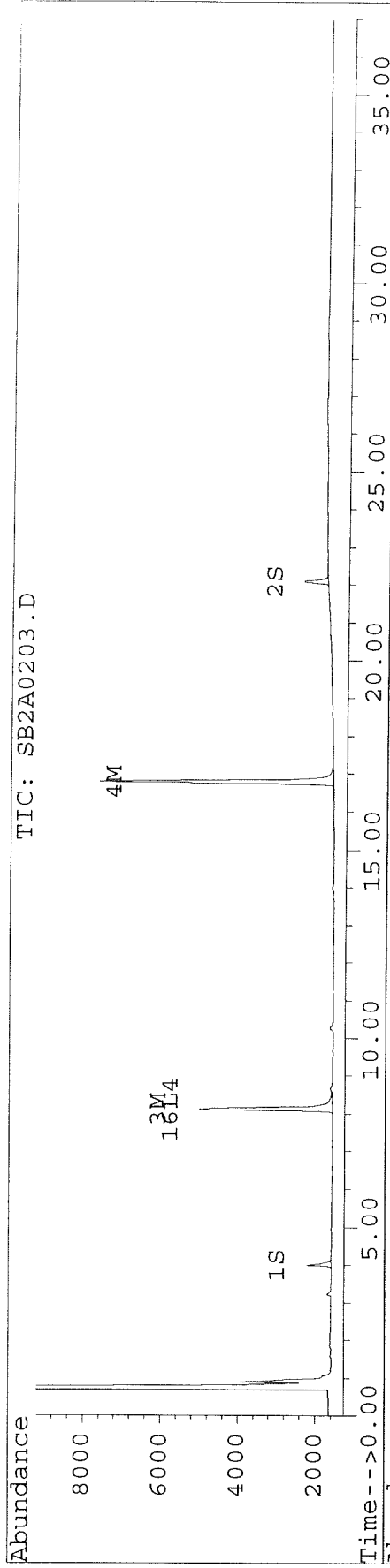
1087

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0203.D Vial: 20
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0203.D\CONFIRM.D
Acq On : 30 Nov 96 07:08 AM Operator: JS
Sample : 8080,50ng/ul,CONG CON1 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Nov 30 7:47 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
Title : PCB 5 LEVEL
Last Update : Fri Nov 29 09:19:02 1996
Response via : Multiple Level Calibration

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



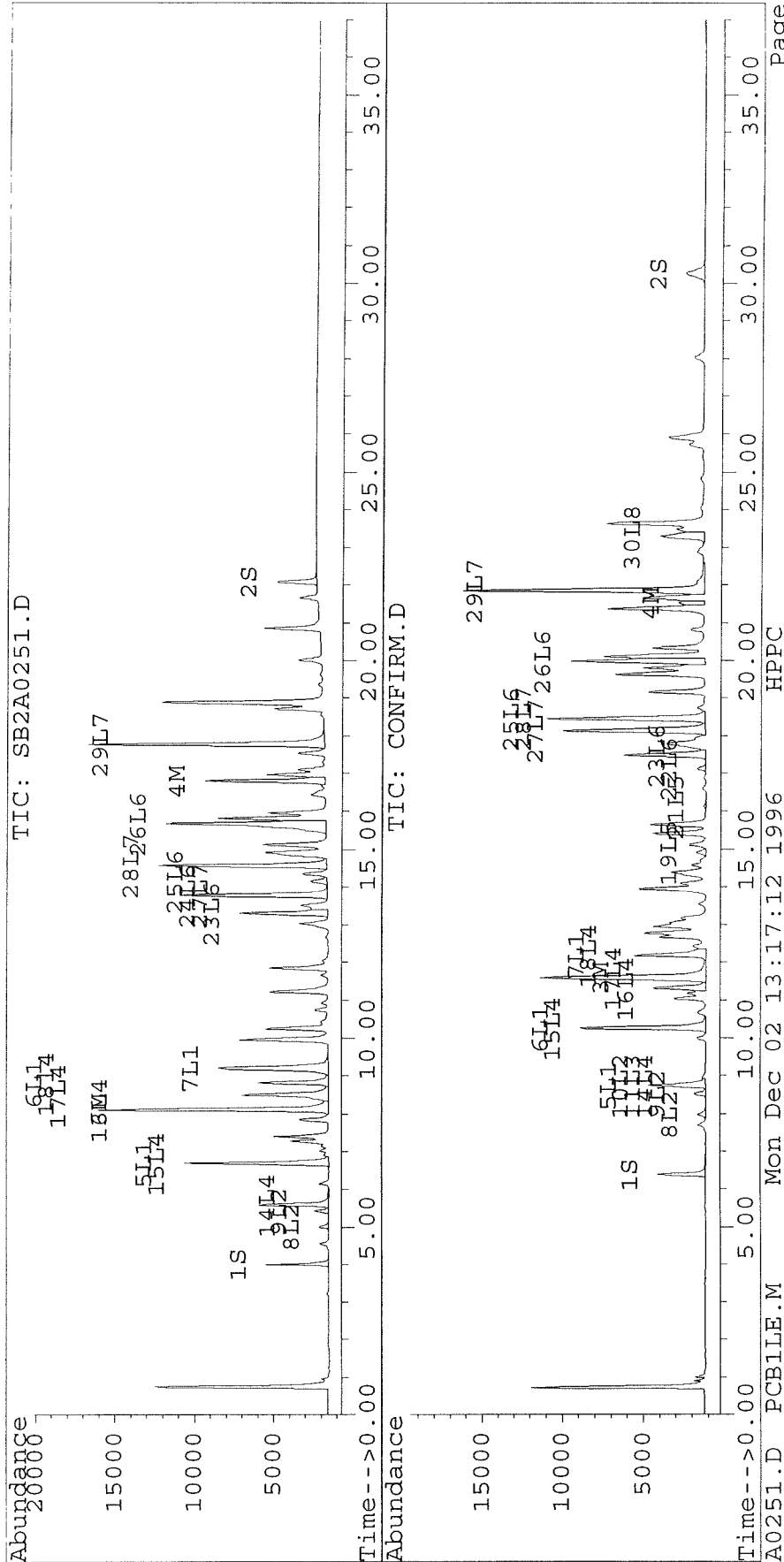
Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0251.D Vial: 1
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0251.D\CONFIRM.D
 Acq On : 02 Dec 96 12:36 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1660 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 13:15 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Sat Nov 30 08:54:04 1996
 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

1089



Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0244.D Vial: 56
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0244.D\CONFIRM.D
 Acq On : 01 Dec 96 10:53 AM Operator: JS
 Sample : 8080,1000ng/ul,AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 16:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	3974	2967	20.560	19.277
			Recovery	=	51.40%	48.19%
2) S Decachlorobiphenyl	22.09	30.25	2319	1179	14.660	15.931
			Recovery	=	36.65%	39.83%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	11074	7784	148.327	117.748
4) M 2,2',3,3',4,4'-Hexa	16.80	21.50	122	378	0.936	3.107 #
5) L1 Aroclor-1016	6.70	8.75	7004	3126	284.849	330.021
6) L1 Aroclor-1016 {2}	8.82	10.26	3346	5997	278.928	282.434
7) L1 Aroclor-1016 {3}	9.21	12.19	5336	3427	279.379	284.829
Total Aroclor-1016			15687	12550	843.156	897.284
Average Aroclor-1016					281.052	299.095
8) L2 Aroclor-1221	5.00f	7.98f	588	489	83.925	79.970
9) L2 Aroclor-1221 {2}	5.42f	8.52f	813	670	139.428	137.466
10) L2 Aroclor-1221 {3}	5.59f	8.75f	3904	3126	193.186	203.642
Total Aroclor-1221			5305	4286	416.538	421.078
Average Aroclor-1221					138.846	140.359
11) L3 Aroclor-1232	0.00	8.75f	0	3126	N.D.	218.162 #
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	3126	N.D.	218.162
Average Aroclor-1232					0.000	218.162
14) L4 Aroclor-1242	5.59	8.75	3904	3126	244.774	242.063
15) L4 Aroclor-1242 {2}	6.70	10.26	7004	5997	236.520	234.362
16) L4 Aroclor-1242 {3}	8.11	11.32	11074	2553	266.304	237.796
17) L4 Aroclor-1242 (4)	8.50	11.60	4159	7784	241.102	239.794
18) L4 Aroclor-1242 (5)	8.82	12.19	3346	3427	238.326	239.135
Total Aroclor-1242			29487	22887	1227.027	1193.150
Average Aroclor-1242					245.405	238.630
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0244.D Vial: 56
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0244.D\CONFIRM.D
 Acq On : 01 Dec 96 10:53 AM Operator: JS
 Sample : 8080,1000ng/ul,AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 16:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.96	17.12	697	564	29.758	26.846
23) L6 Aroclor-1254 {2}	13.29	17.51	1134	1063	23.102	22.467
24) L6 Aroclor-1254 {3}	13.78	17.94	558	649	24.064	22.636
25) L6 Aroclor-1254 (4)	14.13	0.00	691	0	22.767	N.D. #
26) L6 Aroclor-1254 (5)	15.68	19.99	181	191	4.961	6.394 #
Total Aroclor-1254			3261	2467	104.651	78.343
Average Aroclor-1254					20.930	19.586
27) L7 Aroclor-1260	13.78	18.14	558	96	21.947	4.008 #
28) L7 Aroclor-1260 {2}	14.57	0.00	95	0	3.300	N.D. #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			653	96	25.247	4.008
Average Aroclor-1260					12.623	4.008
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

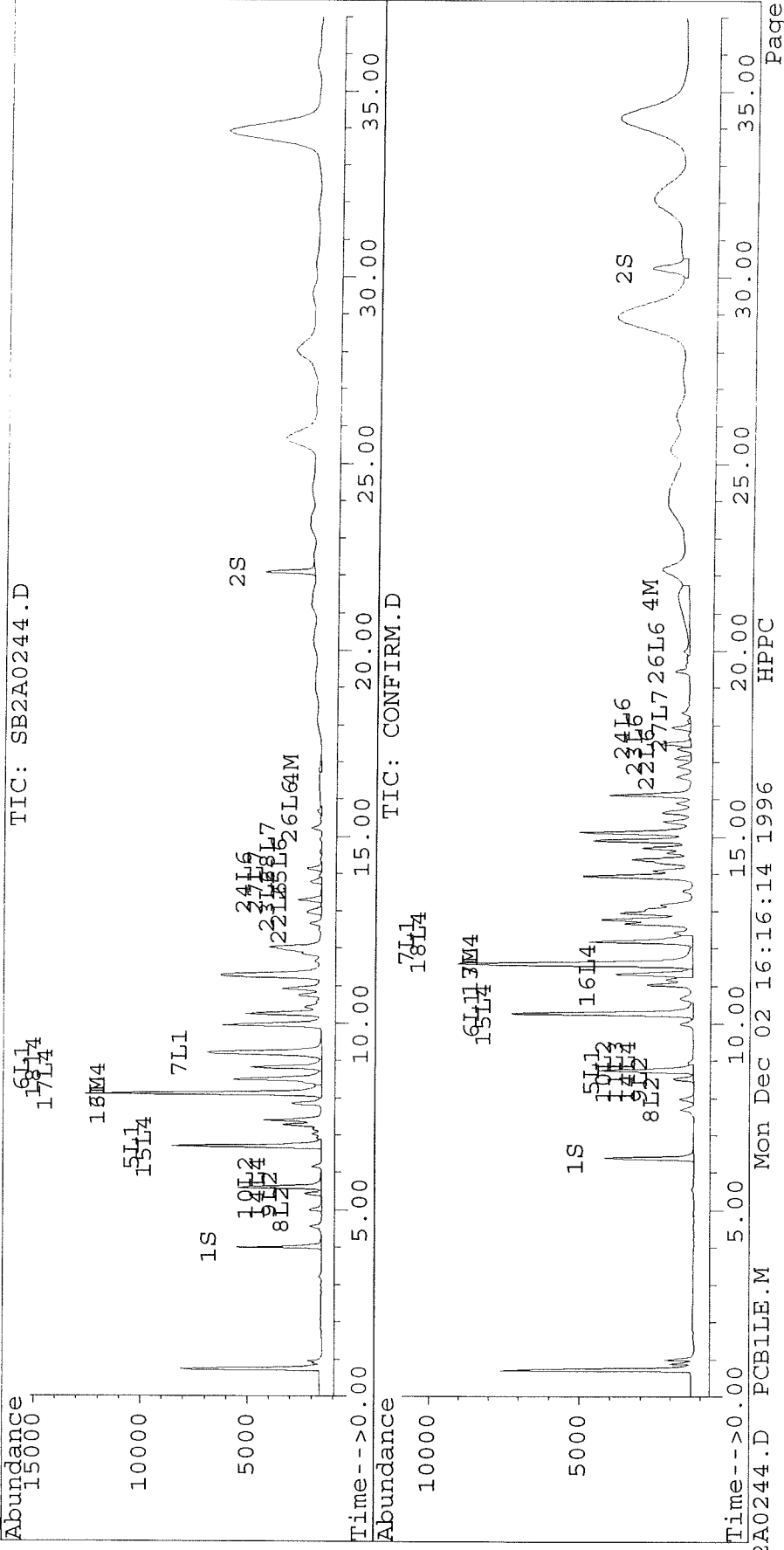
1091

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0244.D Vial: 56
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0244.D\CONFIRM.D
Acq On : 01 Dec 96 10:53 AM
Sample : 8080,1000ng/ul,AR1242 CON3
Misc :
Quant Time: Dec 2 16:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
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 : D:\HPCHEM\5\29NOV96\SB2A0245.D
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0245.D\CONFIRM.D
 Acq On : 01 Dec 96 11:33 AM
 Sample : 8080,1000ng/ul,AR1254 CON3
 Misc :
 Quant Time: Dec 2 16:16 1996

Vial: 57
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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	4.00	6.39	3552	2679	18.376	17.401
			Recovery	=	45.94%	43.50%
2) S Decachlorobiphenyl	22.09	30.25	2132	1204	13.474	16.258
			Recovery	=	33.69%	40.65%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	228	174	3.055	2.628
4) M 2,2',3,3',4,4'-Hexa	16.79	21.51	2408	2178	18.531	17.925
5) L1 Aroclor-1016	6.70	8.75	141	44	5.726	4.602
6) L1 Aroclor-1016 {2}	8.82	10.27	72	122	6.000	5.739
7) L1 Aroclor-1016 {3}	9.17f	12.20	4694	53	245.763	4.437 #
Total Aroclor-1016			4907	219	257.489	14.778
Average Aroclor-1016					85.830	4.926
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.60f	8.75f	55	44	2.698	2.840
Total Aroclor-1221			55	44	2.698	2.840
Average Aroclor-1221					2.698	2.840
11) L3 Aroclor-1232	5.60f	8.75f	55	44	2.988	3.042
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	122	N.D.	10.142 #
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	53	N.D.	7.698 #
Total Aroclor-1232			55	219	2.988	20.883
Average Aroclor-1232					2.988	6.961
14) L4 Aroclor-1242	5.60	8.75	55	44	3.418	3.376
15) L4 Aroclor-1242 {2}	6.70	10.27	141	122	4.755	4.762
16) L4 Aroclor-1242 {3}	8.11	11.33	228	46	5.486	4.244
17) L4 Aroclor-1242 (4)	8.49	11.60	82	174	4.768	5.353
18) L4 Aroclor-1242 (5)	8.82	12.20	72	53	5.127	3.725 #
Total Aroclor-1242			578	438	23.553	21.459
Average Aroclor-1242					4.711	4.292
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0245.D Vial: 57
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0245.D\CONFIRM.D
 Acq On : 01 Dec 96 11:33 AM Operator: JS
 Sample : 8080,1000ng/ul,AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 16:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	5157	4552	220.024	216.755
23) L6 Aroclor-1254 {2}	13.29	17.50	11069	10446	225.494	220.836
24) L6 Aroclor-1254 {3}	13.78	17.94	5113	6516	220.664	227.159
25) L6 Aroclor-1254 (4)	14.13	18.45	6865	4260	226.103	220.498
26) L6 Aroclor-1254 (5)	15.67	19.98	8227	6649	225.917	222.655
Total Aroclor-1254			36430	32422	1118.202	1107.903
Average Aroclor-1254					223.640	221.581
27) L7 Aroclor-1260	13.78	18.13	5113	3899	201.248	162.198
28) L7 Aroclor-1260 {2}	14.57	18.45	4583	4260	158.527	158.099
29) L7 Aroclor-1260 {3}	17.77	21.87	1137	1201	28.168	29.432
Total Aroclor-1260			10833	9361	387.944	349.729
Average Aroclor-1260					129.315	116.576
30) L8 Aroclor-1268	18.89	0.00	762	0	NoCal	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

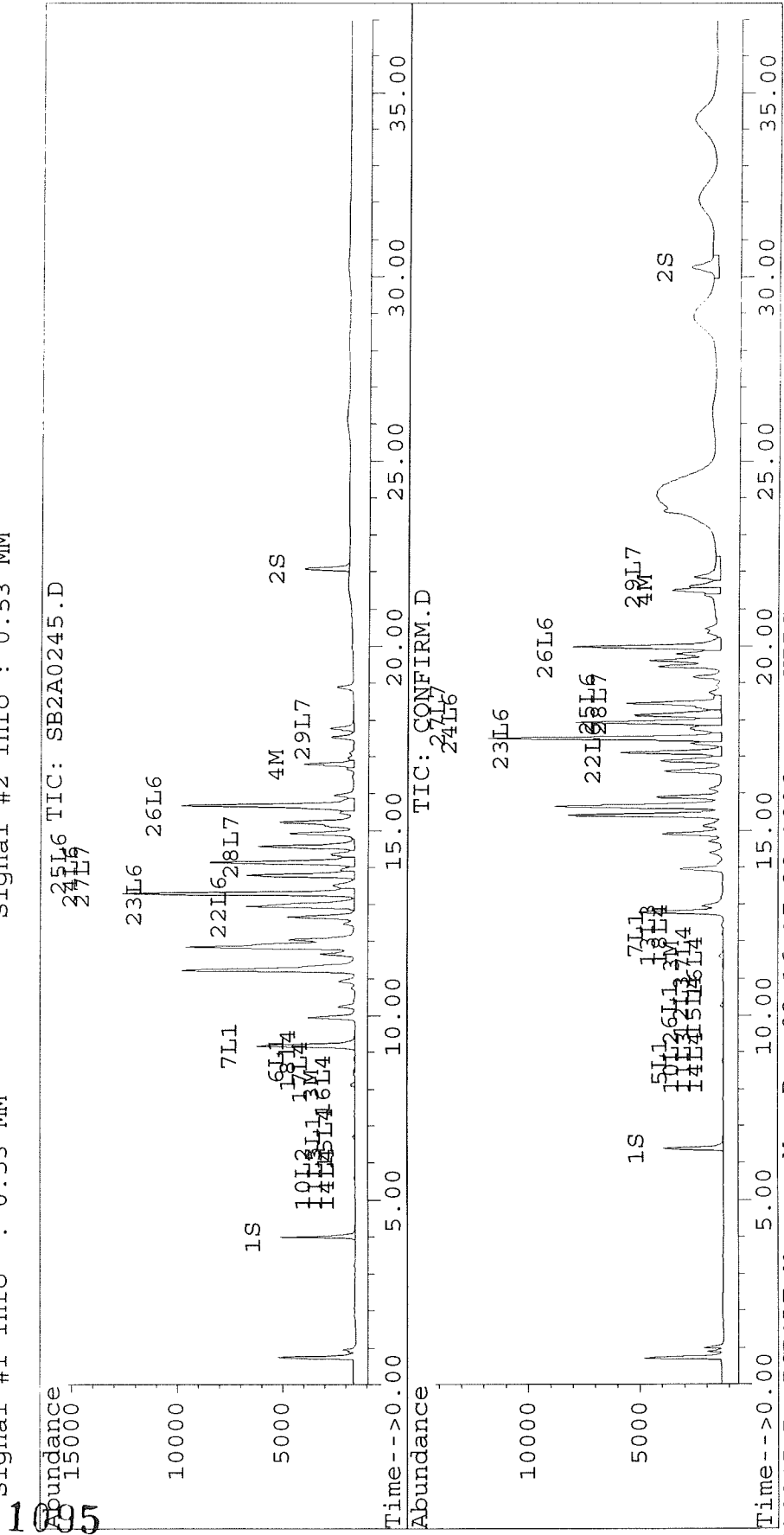
1094

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0245.D Vial: 57
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0245.D\CONFIRM.D
 Acq On : 01 Dec 96 11:33 AM Operator: JS
 Sample : 8080,1000ng/ul,AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 16:16 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\29NOV96\SB2A0246.D Vial: 58
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0246.D\CONFIRM.D
 Acq On : 01 Dec 96 12:14 PM Operator: JS
 Sample : 8080,250ng/ul, CONG CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 16:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	4755	3542	24.602	23.011
			Recovery	=	61.51%	57.53%
2) S Decachlorobiphenyl	22.09	30.26	3490	1645	22.060	22.217
			Recovery	=	55.15%	55.54%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.62	22508	19764	301.478	298.962
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	38570	35117	296.787	288.978
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	8.11	0.00	22508	0	541.268	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.62	0	19764	N.D.	608.834 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			22508	19764	541.268	608.834
Average Aroclor-1242					541.268	608.834
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1096

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0246.D Vial: 58
 Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0246.D\CONFIRM.D
 Acq On : 01 Dec 96 12:14 PM Operator: JS
 Sample : 8080,250ng/ul,CONG CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 16:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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}	13.78	0.00	103	0	4.454	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			103	0	4.454	N.D.
Average Aroclor-1254					4.454	0.000
27) L7 Aroclor-1260	13.78	0.00	103	0	4.062	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			103	0	4.062	N.D.
Average Aroclor-1260					4.062	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

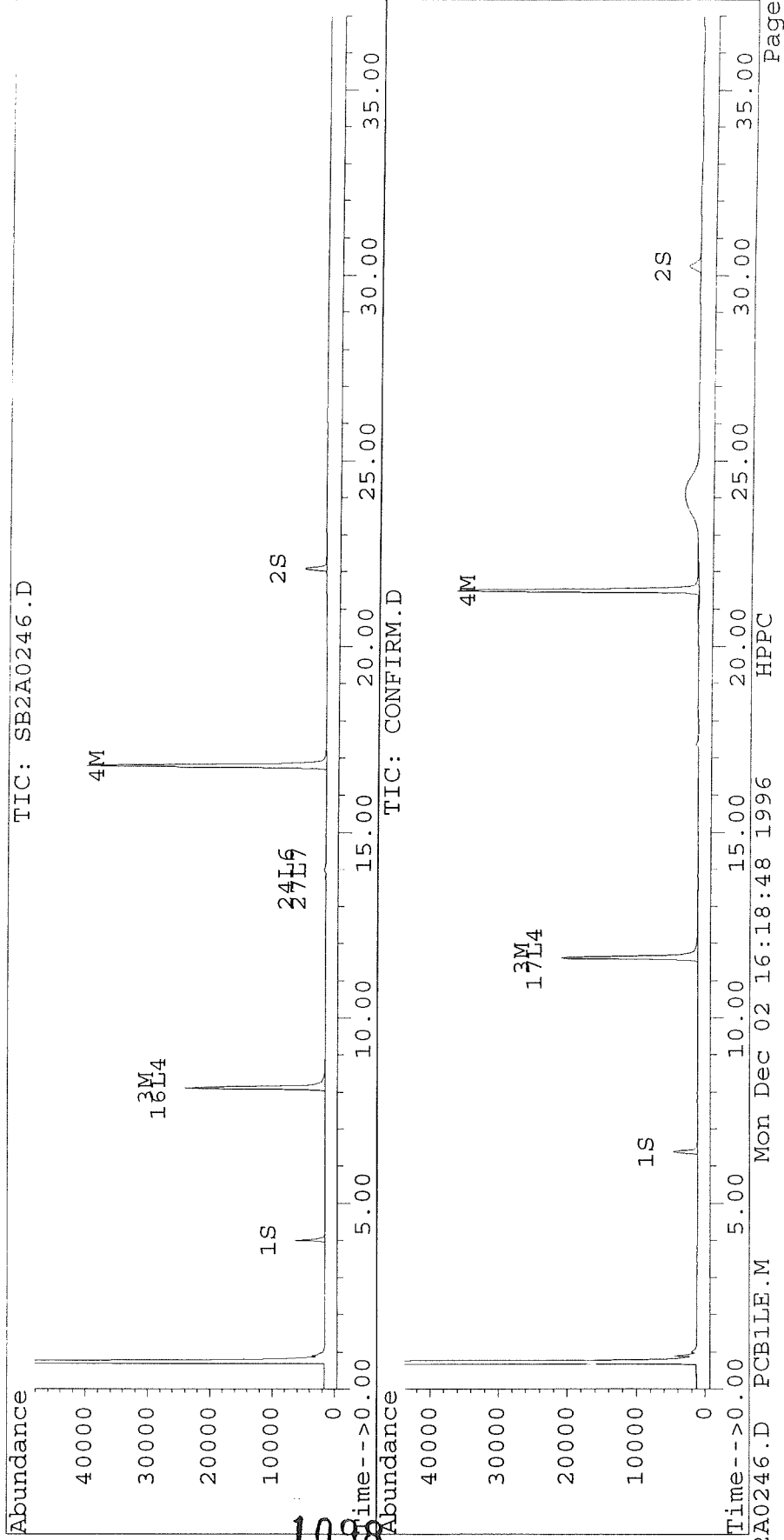
1097

Quantitation Report

Signal #1 : D:\HPCHEM\5\29NOV96\SB2A0246.D Vial: 58
Signal #2 : D:\HPCHEM\5\29NOV96\SB2A0246.D\CONFIRM.D
Acq On : 01 Dec 96 12:14 PM Operator: JS
Sample : 8080,250ng/ul, CONG CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Dec 2 16:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\02Dec96\SB2A0252.D Vial: 1
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0252.D\CONFIRM.D
 Acq On : 02 Dec 96 04:20 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1660 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 16:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.01	6.37	4085	3072	21.136	19.954
			Recovery	=	52.84%	49.89%
2) S Decachlorobiphenyl	22.09	30.25	2506	1126	15.842	15.207
			Recovery	=	39.61%	38.02%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.59	15375	10474	205.938	158.441
4) M 2,2',3,3',4,4'-Hexa	16.81	21.53	7862	1658	60.496	13.641 #
5) L1 Aroclor-1016	6.70	8.73	9581	3711	389.636	391.761
6) L1 Aroclor-1016 {2}	8.82	10.25	4720	7960	393.455	374.926
7) L1 Aroclor-1016 {3}	9.22	12.18	7153	4541	374.460	377.474
Total Aroclor-1016			21453	16213	1157.551	1144.161
Average Aroclor-1016					385.850	381.387
8) L2 Aroclor-1221	5.01f	0.00	669	0	95.547	N.D. #
9) L2 Aroclor-1221 {2}	5.43f	0.00	957	0	164.013	N.D. #
10) L2 Aroclor-1221 {3}	5.60f	0.00	4720	0	233.592	N.D. #
Total Aroclor-1221			6346	0	493.152	N.D.
Average Aroclor-1221					164.384	0.000
11) L3 Aroclor-1232	5.60f	0.00	4720	0	258.763	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			4720	0	258.763	N.D.
Average Aroclor-1232					258.763	0.000
14) L4 Aroclor-1242	5.60	8.73	4720	3711	295.971	287.349
15) L4 Aroclor-1242 {2}	6.70	10.25	9581	7960	323.529	311.111
16) L4 Aroclor-1242 {3}	8.11	11.31	15375	3361	369.738	313.076
17) L4 Aroclor-1242 (4)	8.50	11.59	5694	10474	330.112	322.663
18) L4 Aroclor-1242 (5)	8.82	12.18	4720	4541	336.182	316.917
Total Aroclor-1242			40090	30048	1655.531	1551.116
Average Aroclor-1242					331.106	310.223
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1099

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0252.D Vial: 1
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0252.D\CONFIRM.D
 Acq On : 02 Dec 96 04:20 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1660 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 16:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	17.11	0	569	N.D.	27.118 #
23) L6 Aroclor-1254 {2}	13.31	17.48	5786	5208	117.872	110.093
24) L6 Aroclor-1254 {3}	13.79	0.00	9716	0	419.370	N.D. #
25) L6 Aroclor-1254 (4)	14.15	18.44	1059	10015	34.888	518.408 #
26) L6 Aroclor-1254 (5)	15.68	19.98	10405	8428	285.749	282.248
Total Aroclor-1254			26967	24220	857.879	937.866
Average Aroclor-1254					214.470	234.467
27) L7 Aroclor-1260	13.79	18.12	9716	9026	382.471	375.450
28) L7 Aroclor-1260 {2}	14.57	18.44	10828	10015	374.576	371.702
29) L7 Aroclor-1260 {3}	17.78	21.86	15445	15235	382.528	373.248
Total Aroclor-1260			35989	34277	1139.574	1120.401
Average Aroclor-1260					379.858	373.467
30) L8 Aroclor-1268	18.89	23.28	10678	2795	NoCal	650.845 #
31) L8 Aroclor-1268 {2}	0.00	23.47f	0	1747	N.D.	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	2795	N.D.	650.845
Average Aroclor-1268					0.000	650.845

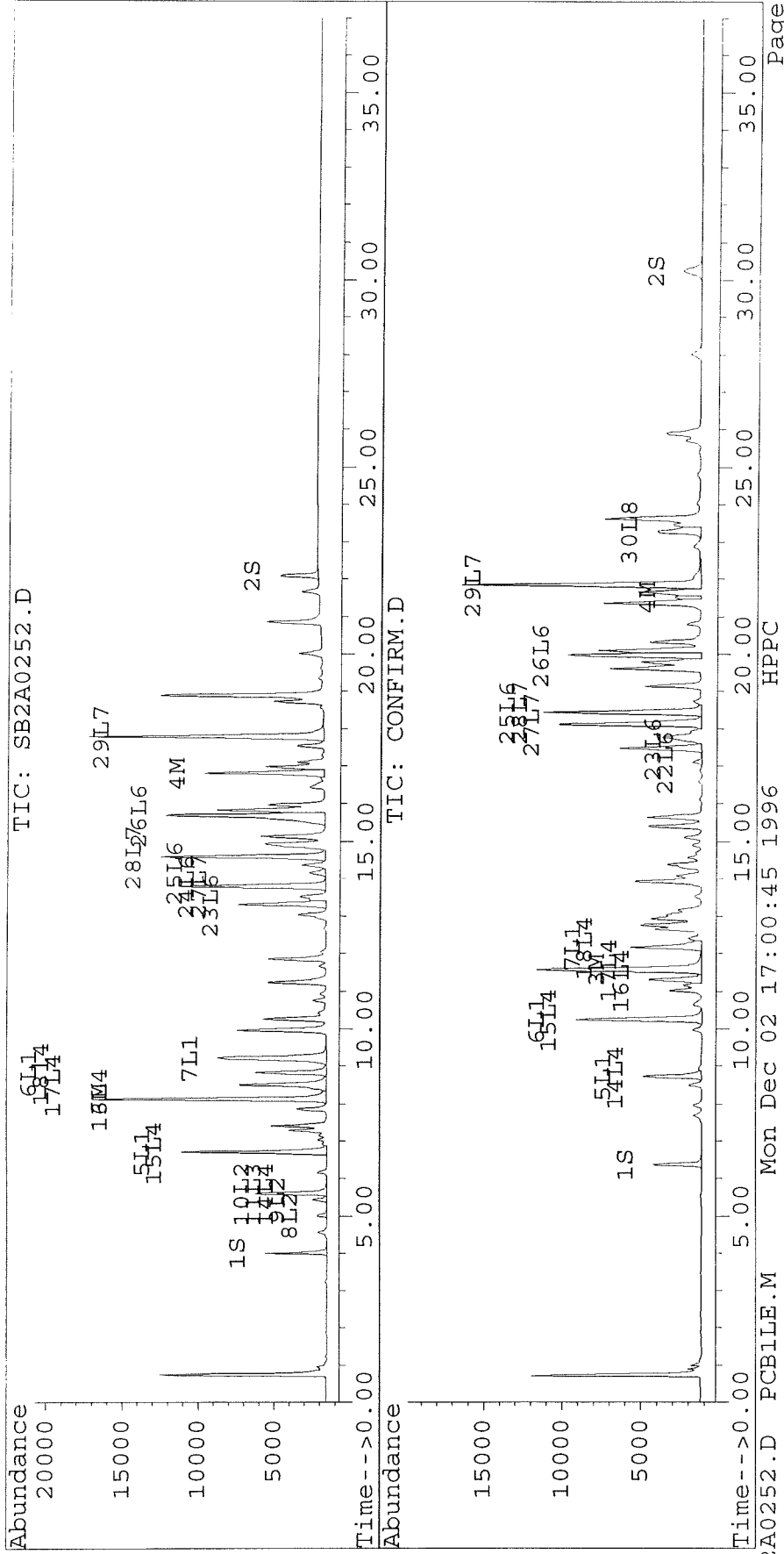
1100

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0252.D Vial: 1
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0252.D\CONFIRM.D
 Acq On : 02 Dec 96 04:20 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1660 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 16:59 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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



1101

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0253.D Vial: 2
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0253.D\CONFIRM.D
 Acq On : 02 Dec 96 05:01 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1221 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 17:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	4552	3324	23.549	21.596
			Recovery	=	58.87%	53.99%
2) S Decachlorobiphenyl	22.09	30.25	3421	1546	21.620	20.886
			Recovery	=	54.05%	52.22%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	578	410	7.744	6.205
4) M 2,2',3,3',4,4'-Hexa	16.81	0.00	86	0	0.665	N.D. #
5) L1 Aroclor-1016	6.70	8.74	596	5142	24.247	542.815 #
6) L1 Aroclor-1016 {2}	8.82	10.26	149	940	12.393	44.289 #
7) L1 Aroclor-1016 {3}	9.19	12.20	109	206	5.730	17.146 #
Total Aroclor-1016			854	6289	42.370	604.250
Average Aroclor-1016					14.123	201.417
8) L2 Aroclor-1221	5.00f	7.97f	2425	1986	346.160	324.788
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.74f	0	5142	N.D.	334.949 #
Total Aroclor-1221			2425	7128	346.160	659.737
Average Aroclor-1221					346.160	329.868
11) L3 Aroclor-1232	0.00	8.74f	0	5142	N.D.	358.832 #
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	206	N.D.	29.750 #
Total Aroclor-1232			0	5348	N.D.	388.581
Average Aroclor-1232					0.000	194.291
14) L4 Aroclor-1242	5.59	8.74	6903	5142	432.857	398.144
15) L4 Aroclor-1242 {2}	6.70	10.26	596	940	20.133	36.751 #
16) L4 Aroclor-1242 {3}	8.11	11.33	578	224	13.904	20.825 #
17) L4 Aroclor-1242 (4)	8.50	11.61	245	410	14.204	12.636
18) L4 Aroclor-1242 (5)	8.82	12.20	149	206	10.589	14.396 #
Total Aroclor-1242			8471	6923	491.687	482.752
Average Aroclor-1242					98.337	96.550
19) L5 Aroclor-1248	0.00	14.91f	0	35	N.D.	1.761 #
20) L5 Aroclor-1248 {2}	0.00	15.12f	0	34	N.D.	1.672 #

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0253.D Vial: 2
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0253.D\CONFIRM.D
 Acq On : 02 Dec 96 05:01 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1221 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 17:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	0.00	16.13f	0	23	N.D.	1.498 #
Total Aroclor-1248			0	93	N.D.	4.931
Average Aroclor-1248					0.000	1.644
22) L6 Aroclor-1254	0.00	17.12	0	25	N.D.	1.207 #
23) L6 Aroclor-1254 {2}	13.31	17.50	122	113	2.487	2.383
24) L6 Aroclor-1254 {3}	13.79	17.94	167	20	7.210	0.693 #
25) L6 Aroclor-1254 (4)	14.15	18.46	25	119	0.824	6.144 #
26) L6 Aroclor-1254 (5)	15.68	19.99	96	80	2.635	2.666
Total Aroclor-1254			410	356	13.157	13.093
Average Aroclor-1254					3.289	2.619
27) L7 Aroclor-1260	13.79	18.14	167	151	6.575	6.262
28) L7 Aroclor-1260 {2}	14.57	18.46	127	119	4.400	4.405
29) L7 Aroclor-1260 {3}	17.78	21.87	65	85	1.606	2.076 #
Total Aroclor-1260			359	354	12.581	12.742
Average Aroclor-1260					4.194	4.247
30) L8 Aroclor-1268	18.89	23.28	35	29	NoCal	6.789 #
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	29	N.D.	6.789
Average Aroclor-1268					0.000	6.789

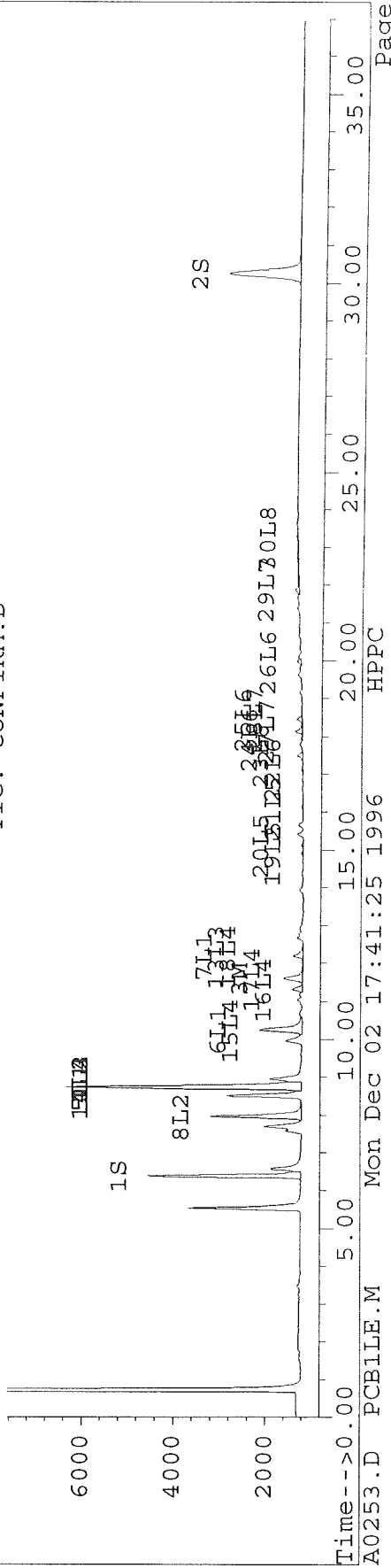
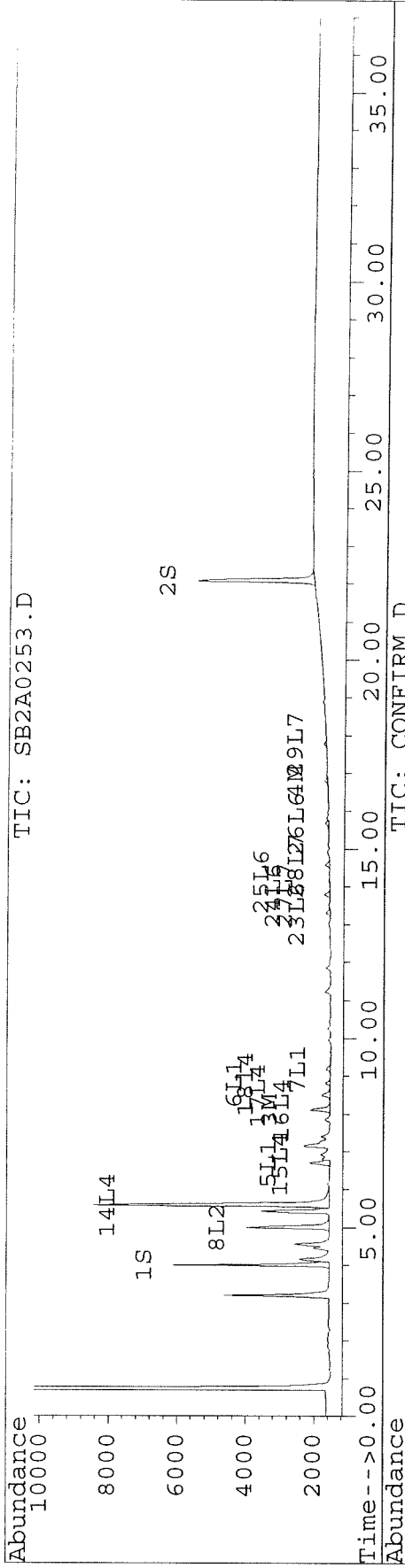
1103

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0253.D Vial: 2
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0253.D\CONFIRM.D
Acq On : 02 Dec 96 05:01 PM Operator: JS
Sample : 8080,1000ng/ul, AR1221 CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Dec 2 17:40 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
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



1104

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0254.D
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0254.D\CONFIRM.D
 Acq On : 02 Dec 96 05:42 PM
 Sample : 8080,1000ng/ul, AR1232 CON3
 Misc :
 Quant Time: Dec 2 18:21 1996

Vial: 3
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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	4.00	6.39	3869	2870	20.014	18.645
			Recovery	=	50.04%	46.61%
2) S Decachlorobiphenyl	22.09	30.26	3134	1395	19.811	18.839
			Recovery	=	49.53%	47.10%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	5523	3831	73.972	57.950
4) M 2,2',3,3',4,4'-Hexa	16.81	21.52	77	42	0.594	0.346 #
5) L1 Aroclor-1016	6.70	8.75	3903	3836	158.718	404.968 #
6) L1 Aroclor-1016 {2}	8.82	10.27	1644	3451	137.097	162.561
7) L1 Aroclor-1016 {3}	9.21	12.20	2506	1751	131.200	145.526
Total Aroclor-1016			8053	9039	427.014	713.055
Average Aroclor-1016					142.338	237.685
8) L2 Aroclor-1221	5.00f	7.97f	1407	1162	200.758	190.068
9) L2 Aroclor-1221 {2}	5.42f	8.52f	1308	1071	224.154	219.573
10) L2 Aroclor-1221 {3}	5.59f	8.75f	5046	3836	249.731	249.889
Total Aroclor-1221			7761	6070	674.643	659.530
Average Aroclor-1221					224.881	219.843
11) L3 Aroclor-1232	0.00	8.75f	0	3836	N.D.	267.707 #
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	3836	N.D.	267.707
Average Aroclor-1232					0.000	267.707
14) L4 Aroclor-1242	5.59	8.75	5046	3836	316.420	297.036
15) L4 Aroclor-1242 {2}	6.70	10.27	3903	3451	131.789	134.892
16) L4 Aroclor-1242 {3}	8.11	11.33	5523	1358	132.808	126.540
17) L4 Aroclor-1242 (4)	8.50	11.60	2141	3831	124.098	118.014
18) L4 Aroclor-1242 (5)	8.82	12.20	1644	1751	117.141	122.180
Total Aroclor-1242			18257	14228	822.255	798.661
Average Aroclor-1242					164.451	159.732
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1105

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0254.D
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0254.D\CONFIRM.D
 Acq On : 02 Dec 96 05:42 PM
 Sample : 8080,1000ng/ul, AR1232 CON3
 Misc :
 Quant Time: Dec 2 18:21 1996

Vial: 3
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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
21) L5 Aroclor-1248 {3}	11.29f	0.00	2023	0	66.452	N.D. #
Total Aroclor-1248			2023	0	66.452	N.D.
Average Aroclor-1248					66.452	0.000
22) L6 Aroclor-1254	12.96	17.12	260	218	11.085	10.361
23) L6 Aroclor-1254 {2}	13.30	17.51	424	410	8.643	8.675
24) L6 Aroclor-1254 {3}	13.79	17.94	255	243	10.988	8.486
25) L6 Aroclor-1254 (4)	14.14	18.45	269	57	8.856	2.961 #
26) L6 Aroclor-1254 (5)	15.68	19.99	91	69	2.485	2.294
Total Aroclor-1254			1298	997	42.058	32.777
Average Aroclor-1254					8.412	6.555
27) L7 Aroclor-1260	13.79	18.14	255	56	10.021	2.342 #
28) L7 Aroclor-1260 {2}	14.58	18.45	80	57	2.780	2.123
29) L7 Aroclor-1260 {3}	17.78	21.87	47	84	1.155	2.066 #
Total Aroclor-1260			382	198	13.955	6.531
Average Aroclor-1260					4.652	2.177
30) L8 Aroclor-1268	18.89	23.29	28	50	NoCal	11.558 #
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	50	N.D.	11.558
Average Aroclor-1268					0.000	11.558

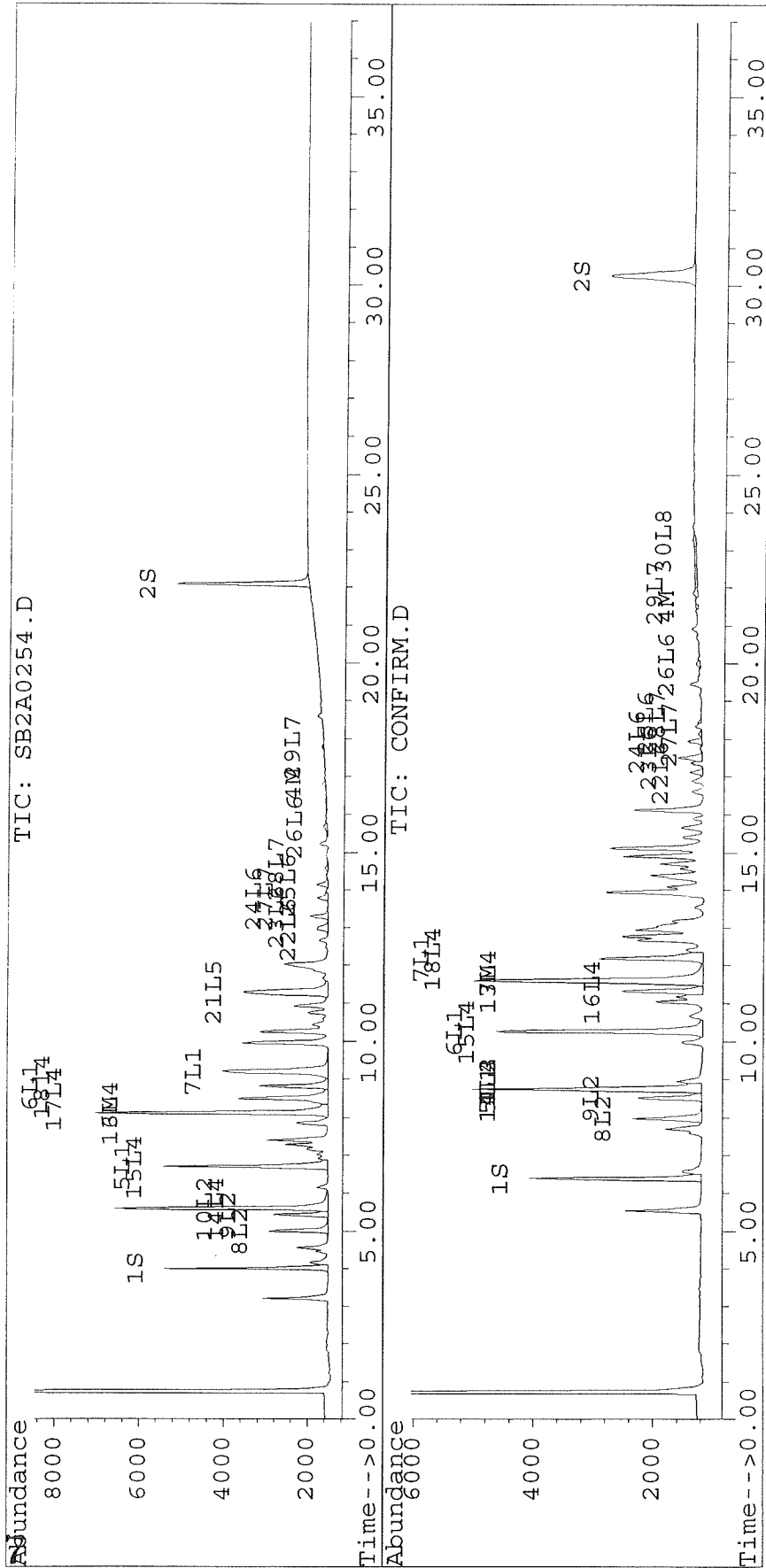
1106

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0254.D Vial: 3
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0254.D\CONFIRM.D
 Acq On : 02 Dec 96 05:42 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1232 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 18:21 1996

Method : C:\HPCHEM\5\METHODS\PCBILE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\02Dec96\SB2A0255.D Vial: 4
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0255.D\CONFIRM.D
 Acq On : 02 Dec 96 06:22 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1248 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 19:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	4103	3048	21.226	19.798
			Recovery	=	53.07%	49.50%
2) S Decachlorobiphenyl	22.09	30.26	3363	1505	21.259	20.329
			Recovery	=	53.15%	50.82%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	7052	4844	94.451	73.271
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	309	159	2.378	1.305 #
5) L1 Aroclor-1016	6.70	8.75	3730	313	151.671	33.083 #
6) L1 Aroclor-1016 {2}	8.82	10.27	2437	3094	203.150	145.714 #
7) L1 Aroclor-1016 {3}	9.20	12.20	8939	1638	467.979	136.140 #
Total Aroclor-1016			15105	5045	822.801	314.937
Average Aroclor-1016					274.267	104.979
8) L2 Aroclor-1221	5.00f	7.98f	40	32	5.763	5.223
9) L2 Aroclor-1221 {2}	5.43f	8.52f	55	47	9.406	9.611
10) L2 Aroclor-1221 {3}	5.60f	8.75f	386	313	19.094	20.414
Total Aroclor-1221			481	392	34.263	35.248
Average Aroclor-1221					11.421	11.749
11) L3 Aroclor-1232	5.60f	8.75f	386	313	21.152	21.870
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			386	313	21.152	21.870
Average Aroclor-1232					21.152	21.870
14) L4 Aroclor-1242	5.60	8.75	386	313	24.193	24.266
15) L4 Aroclor-1242 {2}	6.70	10.27	3730	3094	125.938	120.912
16) L4 Aroclor-1242 {3}	8.11	11.33	7052	889	169.576	82.845 #
17) L4 Aroclor-1242 (4)	8.50	11.60	2267	4844	131.425	149.216
18) L4 Aroclor-1242 (5)	8.82	12.20	2437	1638	173.579	114.300 #
Total Aroclor-1242			15871	10778	624.710	491.539
Average Aroclor-1242					124.942	98.308
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0255.D Vial: 4
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0255.D\CONFIRM.D
 Acq On : 02 Dec 96 06:22 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1248 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 19:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.96	17.12	1999	1728	85.297	82.280
23) L6 Aroclor-1254 {2}	13.29	17.51	3492	3328	71.144	70.356
24) L6 Aroclor-1254 {3}	13.78	17.94	1423	2039	61.397	71.091
25) L6 Aroclor-1254 (4)	14.13	0.00	2182	0	71.868	N.D. #
26) L6 Aroclor-1254 (5)	15.68	19.99	525	425	14.415	14.237
Total Aroclor-1254			9621	7520	304.121	237.964
Average Aroclor-1254					60.824	59.491
27) L7 Aroclor-1260	13.78	18.13	1423	336	55.995	13.956 #
28) L7 Aroclor-1260 {2}	14.58	0.00	299	0	10.351	N.D. #
29) L7 Aroclor-1260 {3}	17.78	21.87	103	116	2.558	2.844
Total Aroclor-1260			1825	452	68.903	16.799
Average Aroclor-1260					22.968	8.400
30) L8 Aroclor-1268	18.89	23.28	63	63	NoCal	14.554 #
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	63	N.D.	14.554
Average Aroclor-1268					0.000	14.554

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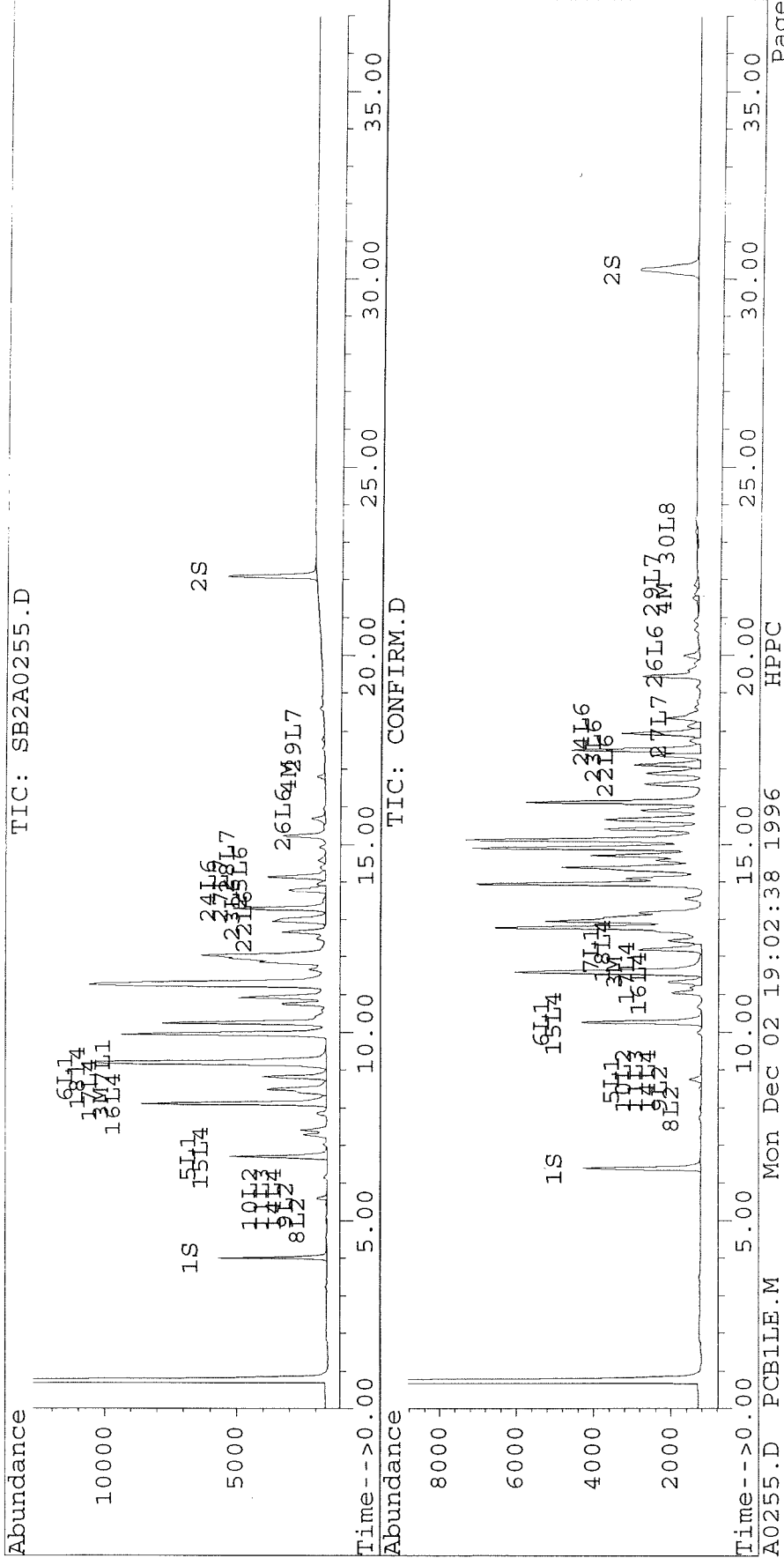
Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0255.D Vial: 4
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0255.D\CONFIRM.D
Acq On : 02 Dec 96 06:22 PM Operator: JS
Sample : 8080,1000ng/ul, AR1248 CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Dec 2 19:01 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
Response via : Multiple Level Calibration

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

1110



Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0256.D Vial: 5
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0256.D\CONFIRM.D
 Acq On : 02 Dec 96 07:03 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 19:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	4141	3102	21.425	20.151
			Recovery	=	53.56%	50.38%
2) S Decachlorobiphenyl	22.09	30.26	2383	1091	15.061	14.733
			Recovery	=	37.65%	36.83%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	11398	7887	152.661	119.299
4) M 2,2',3,3',4,4'-Hexa	16.80	21.52	69	60	0.528	0.497
5) L1 Aroclor-1016	6.70	8.75	7300	3217	296.871	339.583
6) L1 Aroclor-1016 {2}	8.82	10.27	3476	6155	289.757	289.876
7) L1 Aroclor-1016 {3}	9.21	12.20	5519	3470	288.933	288.401
Total Aroclor-1016			16295	12841	875.561	917.861
Average Aroclor-1016					291.854	305.954
8) L2 Aroclor-1221	5.01f	7.98f	614	513	87.666	83.840
9) L2 Aroclor-1221 {2}	5.42f	8.52f	852	708	146.023	145.121
10) L2 Aroclor-1221 {3}	5.59f	8.75f	4029	3217	199.378	209.543
Total Aroclor-1221			5495	4437	433.067	438.504
Average Aroclor-1221					144.356	146.168
11) L3 Aroclor-1232	5.59f	8.75f	4029	3217	220.862	224.484
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			4029	3217	220.862	224.484
Average Aroclor-1232					220.862	224.484
14) L4 Aroclor-1242	5.59	8.75	4029	3217	252.620	249.078
15) L4 Aroclor-1242 {2}	6.70	10.27	7300	6155	246.503	240.537
16) L4 Aroclor-1242 {3}	8.11	11.33	11398	2613	274.085	243.365
17) L4 Aroclor-1242 (4)	8.50	11.60	4292	7887	248.834	242.951
18) L4 Aroclor-1242 (5)	8.82	12.20	3476	3470	247.579	242.134
Total Aroclor-1242			30494	23341	1269.621	1218.065
Average Aroclor-1242					253.924	243.613
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1111

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0256.D Vial: 5
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0256.D\CONFIRM.D
 Acq On : 02 Dec 96 07:03 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 19:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.96	17.12	708	596	30.192	28.388
23) L6 Aroclor-1254 {2}	13.30	17.51	1158	1123	23.589	23.747
24) L6 Aroclor-1254 {3}	13.78	17.94	568	654	24.532	22.791
25) L6 Aroclor-1254 (4)	14.14	0.00	693	0	22.816	N.D. #
26) L6 Aroclor-1254 (5)	15.68	19.99	159	135	4.379	4.529
Total Aroclor-1254			3286	2508	105.508	79.455
Average Aroclor-1254					21.102	19.864
27) L7 Aroclor-1260	13.78	18.14	568	101	22.373	4.197 #
28) L7 Aroclor-1260 {2}	14.58	0.00	102	0	3.521	N.D. #
29) L7 Aroclor-1260 {3}	0.00	21.87	0	52	N.D.	1.264 #
Total Aroclor-1260			670	153	25.895	5.461
Average Aroclor-1260					12.947	2.731
30) L8 Aroclor-1268	0.00	23.32	0	33	N.D.	7.758 #
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	33	N.D.	7.758
Average Aroclor-1268					0.000	7.758

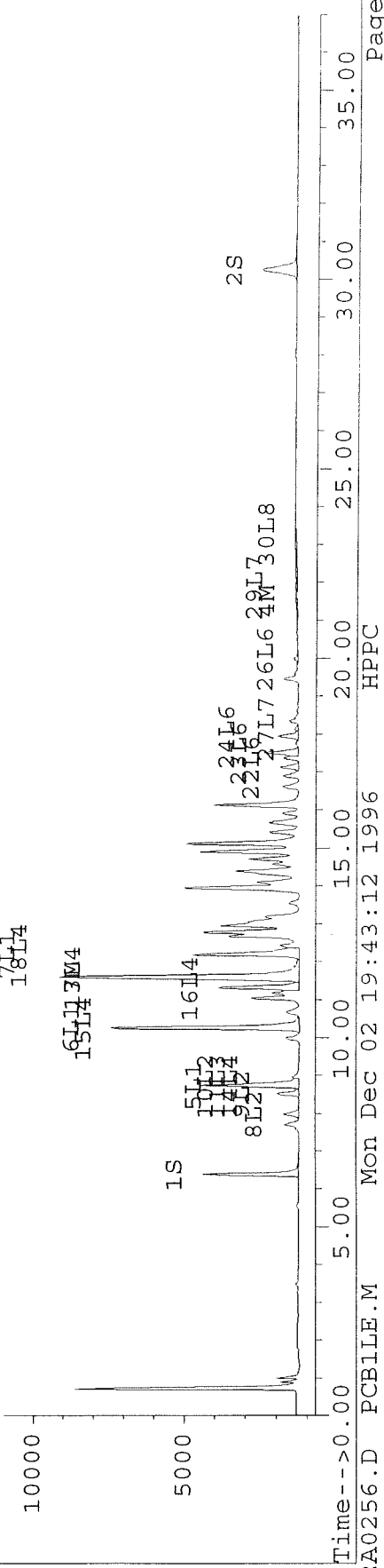
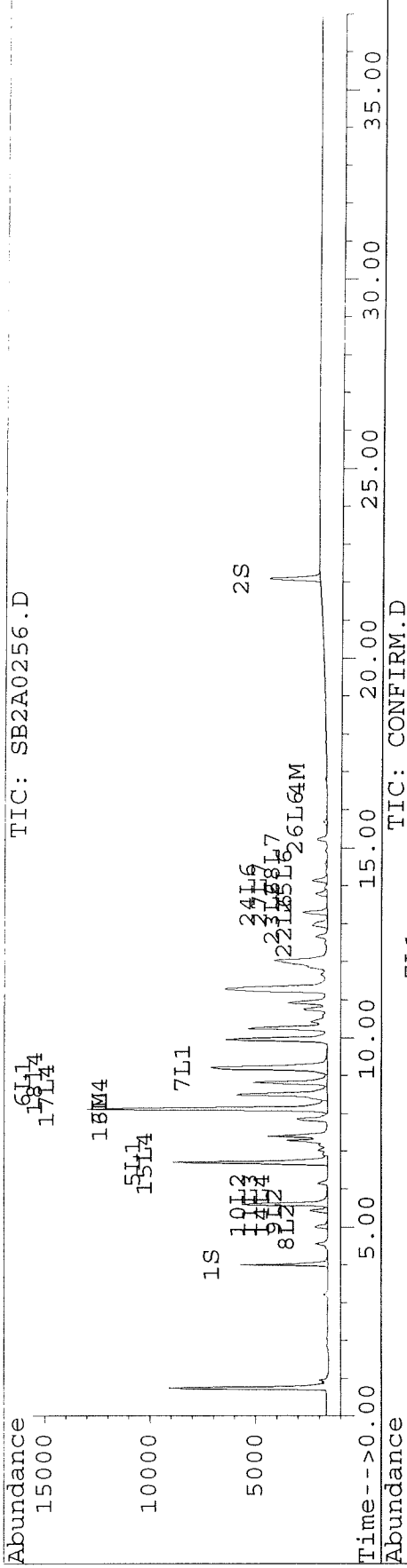
1112

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0256.D Vial: 5
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0256.D\CONFIRM.D
 Acq On : 02 Dec 96 07:03 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 19:42 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\02Dec96\SB2A0257.D Vial: 6
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0257.D\CONFIRM.D
 Acq On : 02 Dec 96 07:44 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 20:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	3871	2948	20.028	19.149
			Recovery	=	50.07%	47.87%
2) S Decachlorobiphenyl	22.09	30.26	2299	1040	14.528	14.044
			Recovery	=	36.32%	35.11%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.12	11.60	265	176	3.555	2.669
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	2537	1949	19.525	16.038
5) L1 Aroclor-1016	6.71	8.75	182	42	7.389	4.406 #
6) L1 Aroclor-1016 {2}	8.82	10.27	95	131	7.960	6.186
7) L1 Aroclor-1016 {3}	9.18f	12.20	4981	59	260.785	4.888 #
Total Aroclor-1016			5258	232	276.134	15.480
Average Aroclor-1016					92.045	5.160
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.42f	0.00	18	0	3.160	N.D. #
10) L2 Aroclor-1221 {3}	5.60f	8.75f	66	42	3.258	2.719
Total Aroclor-1221			84	42	6.418	2.719
Average Aroclor-1221					3.209	2.719
11) L3 Aroclor-1232	5.60f	8.75f	66	42	3.609	2.913
12) L3 Aroclor-1232 {2}	6.71f	10.27f	182	131	13.314	10.932
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	59	N.D.	8.481 #
Total Aroclor-1232			248	232	16.922	22.325
Average Aroclor-1232					8.461	7.442
14) L4 Aroclor-1242	5.60	8.75	66	42	4.128	3.232
15) L4 Aroclor-1242 {2}	6.71	10.27	182	131	6.135	5.133
16) L4 Aroclor-1242 {3}	8.12	11.33	265	47	6.383	4.393 #
17) L4 Aroclor-1242 (4)	8.49	11.60	112	176	6.496	5.436
18) L4 Aroclor-1242 (5)	8.82	12.20	95	59	6.802	4.104 #
Total Aroclor-1242			720	456	29.944	22.298
Average Aroclor-1242					5.989	4.460
19) L5 Aroclor-1248	0.00	14.91f	0	2738	N.D.	136.550 #
20) L5 Aroclor-1248 {2}	0.00	15.12f	0	884	N.D.	42.865 #

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0257.D Vial: 6
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0257.D\CONFIRM.D
 Acq On : 02 Dec 96 07:44 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 20:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	0.00	16.13f	0	588	N.D.	37.985 #
Total Aroclor-1248			0	4210	N.D.	217.401
Average Aroclor-1248					0.000	72.467
22) L6 Aroclor-1254	12.95	17.12	5431	4793	231.705	228.251
23) L6 Aroclor-1254 {2}	13.29	17.50	11614	10904	236.578	230.525
24) L6 Aroclor-1254 {3}	13.79	17.94	5387	6494	232.503	226.403
25) L6 Aroclor-1254 (4)	14.13	18.45	7146	4449	235.360	230.278
26) L6 Aroclor-1254 (5)	15.68	19.99	8607	6835	236.365	228.887
Total Aroclor-1254			38184	33475	1172.511	1144.344 ✓
Average Aroclor-1254					234.502	228.869
27) L7 Aroclor-1260	13.79	18.13	5387	4127	212.046	171.647
28) L7 Aroclor-1260 {2}	14.57	18.45	4865	4449	168.281	165.111
29) L7 Aroclor-1260 {3}	17.78	21.87	1198	1064	29.679	26.062
Total Aroclor-1260			11450	9639	410.006	362.819
Average Aroclor-1260					136.669	120.940
30) L8 Aroclor-1268	18.89	0.00	805	0	NoCal	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 : D:\HPCHEM\5\02Dec96\SB2A0258.D
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0258.D\CONFIRM.D
 Acq On : 02 Dec 96 08:24 PM
 Sample : 8080,250ng/ul, cogeners, CON3
 Misc :
 Quant Time: Dec 2 21:03 1996

Vial: 7
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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	4.00	6.39	4583	3442	23.712	22.358
			Recovery	=	59.28%	55.90%
2) S Decachlorobiphenyl	22.09	30.26	3472	1550	21.947	20.933
			Recovery	=	54.87%	52.33%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.62	22004	19078	294.733	288.590
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	38109	35333	293.243	290.756
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	8.11	0.00	22004	0	529.159	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.62	0	19078	N.D.	587.710 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			22004	19078	529.159	587.710
Average Aroclor-1242					529.159	587.710
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0258.D Vial: 7
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0258.D\CONFIRM.D
 Acq On : 02 Dec 96 08:24 PM Operator: JS
 Sample : 8080,250ng/ul, congeners, CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 21:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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}	13.78	0.00	101	0	4.338	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			101	0	4.338	N.D.
Average Aroclor-1254					4.338	0.000
27) L7 Aroclor-1260	13.78	0.00	101	0	3.956	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			101	0	3.956	N.D.
Average Aroclor-1260					3.956	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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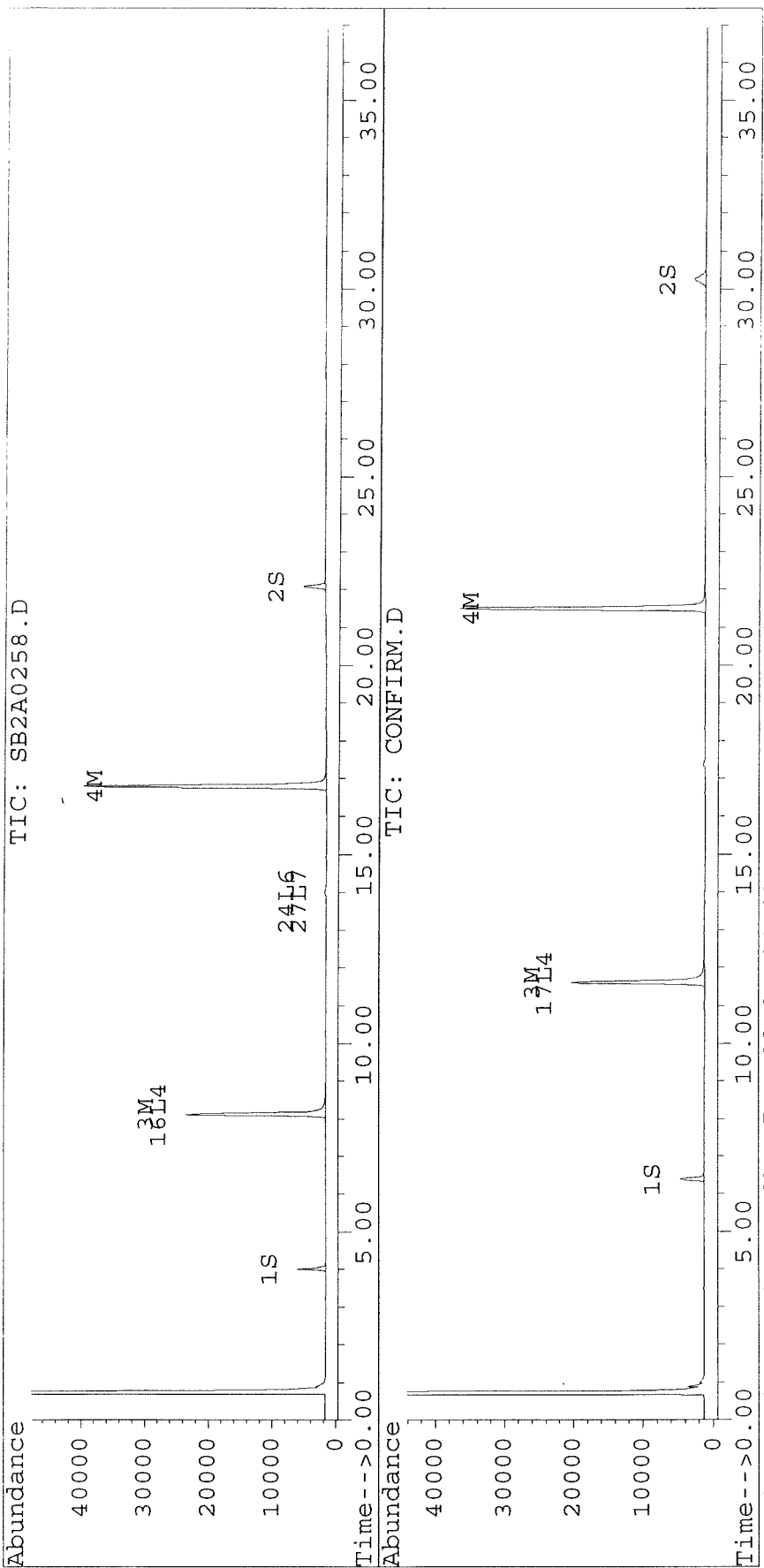
Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0258.D Vial: 7
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0258.D\CONFIRM.D
Acq On : 02 Dec 96 08:24 PM Operator: JS
Sample : 8080,250ng/ul, cogeners, CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Dec 2 21:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2B0259.D Vial: 38
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2B0259.D\CONFIRM.D
 Acq On : 02 Dec 96 09:05 PM Operator: JS
 Sample : 8080,AR1242, CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 21:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	3568	2772	18.457	18.008
			Recovery	=	46.14%	45.02%
2) S Decachlorobiphenyl	22.09	30.26	2242	1024	14.169	13.836
			Recovery	=	35.42%	34.59%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	10225	7096	136.955	107.340
4) M 2,2',3,3',4,4'-Hexa	16.80	21.52	56	55	0.430	0.453
5) L1 Aroclor-1016	6.70	8.75	6629	2916	269.594	307.809
6) L1 Aroclor-1016 {2}	8.82	10.27	3093	5672	257.826	267.137
7) L1 Aroclor-1016 {3}	9.21	12.20	5027	3117	263.158	259.104
Total Aroclor-1016			14749	11705	790.578	834.050
Average Aroclor-1016					263.526	278.017
8) L2 Aroclor-1221	5.01f	7.98f	547	466	78.066	76.158
9) L2 Aroclor-1221 {2}	5.42f	8.52f	764	639	130.881	130.997
10) L2 Aroclor-1221 {3}	5.59f	8.75f	3618	2916	179.049	189.936
Total Aroclor-1221			4928	4021	387.996	397.091
Average Aroclor-1221					129.332	132.364
11) L3 Aroclor-1232	5.59f	8.75f	3618	2916	198.343	203.479
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			3618	2916	198.343	203.479
Average Aroclor-1232					198.343	203.479
14) L4 Aroclor-1242	5.59	8.75	3618	2916	226.863	225.771
15) L4 Aroclor-1242 {2}	6.70	10.27	6629	5672	223.853	221.668
16) L4 Aroclor-1242 {3}	8.11	11.33	10225	2367	245.887	220.458
17) L4 Aroclor-1242 (4)	8.50	11.60	3871	7096	224.397	218.598
18) L4 Aroclor-1242 (5)	8.82	12.20	3093	3117	220.296	217.537
Total Aroclor-1242			27435	21168	1141.296	1104.032
Average Aroclor-1242					228.259	220.806
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2B0259.D Vial: 38
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2B0259.D\CONFIRM.D
 Acq On : 02 Dec 96 09:05 PM Operator: JS
 Sample : 8080,AR1242, CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 21:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.96	17.12	642	546	27.394	26.008
23) L6 Aroclor-1254 {2}	13.29	17.51	1068	1022	21.757	21.599
24) L6 Aroclor-1254 {3}	13.78	17.94	519	601	22.390	20.946
25) L6 Aroclor-1254 (4)	14.14	0.00	643	0	21.164	N.D. #
26) L6 Aroclor-1254 (5)	15.68	19.99	146	122	4.002	4.101
Total Aroclor-1254			3017	2291	96.706	72.655
Average Aroclor-1254					19.341	18.164
27) L7 Aroclor-1260	13.78	18.13	519	92	20.420	3.826 #
28) L7 Aroclor-1260 {2}	14.57	0.00	93	0	3.207	N.D. #
29) L7 Aroclor-1260 {3}	17.78	21.87	20	45	0.499	1.106 #
Total Aroclor-1260			632	137	24.126	4.932
Average Aroclor-1260					8.042	2.466
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

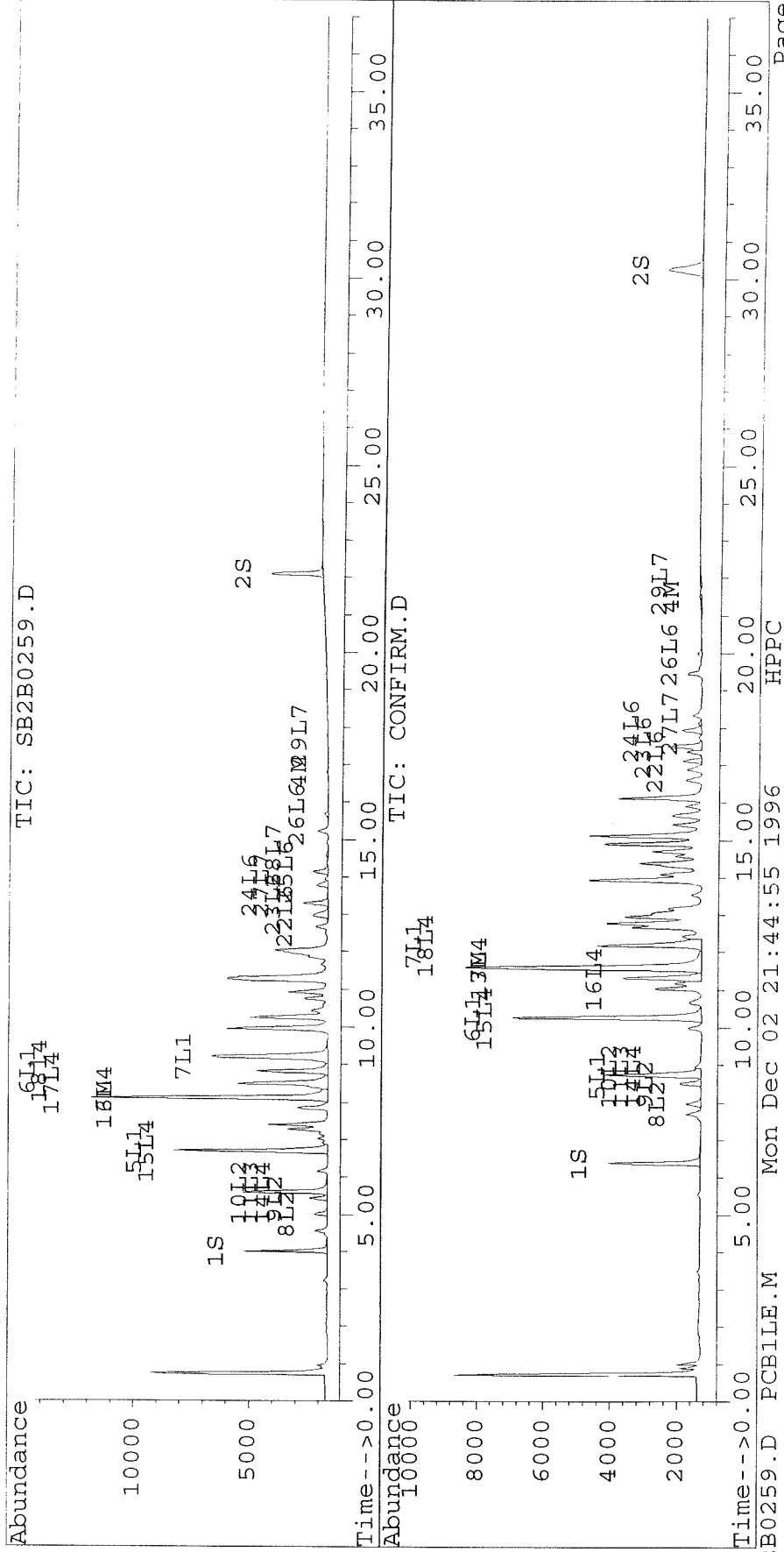
1121

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2B0259.D Vial: 38
Signal #2 : D:\HPCHEM\5\02Dec96\SB2B0259.D\CONFIRM.D
Acq On : 02 Dec 96 09:05 PM Operator: JS
Sample : 8080,AR1242, CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Dec 2 21:44 1996

Method : C:\HPCHEM\5\METHODS\PCB11LE.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\02Dec96\SB2C0259.D Vial: 39
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2C0259.D\CONFIRM.D
 Acq On : 02 Dec 96 09:45 PM Operator: JS
 Sample : 8080,AR1254, CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 22:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	3719	2769	19.240	17.991
			Recovery	=	48.10%	44.98%
2) S Decachlorobiphenyl	22.09	30.26	2201	1000	13.908	13.511
			Recovery	=	34.77%	33.78%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.12	11.60	270	166	3.615	2.515 #
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	2432	1903	18.714	15.662
5) L1 Aroclor-1016	6.71	8.75	177	32	7.184	3.348 #
6) L1 Aroclor-1016 {2}	8.82	10.27	110	127	9.197	5.986 #
7) L1 Aroclor-1016 {3}	9.17f	12.20	4797	54	251.158	4.507 #
Total Aroclor-1016			5084	213	267.539	13.841
Average Aroclor-1016					89.180	4.614
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.42f	0.00	21	0	3.613	N.D. #
10) L2 Aroclor-1221 {3}	5.60f	8.75f	64	32	3.188	2.066 #
Total Aroclor-1221			85	32	6.801	2.066
Average Aroclor-1221					3.400	2.066
11) L3 Aroclor-1232	5.60f	8.75f	64	32	3.531	2.213 #
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	127	N.D.	10.580 #
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	54	N.D.	7.820 #
Total Aroclor-1232			64	213	3.531	20.613
Average Aroclor-1232					3.531	6.871
14) L4 Aroclor-1242	5.60	8.75	64	32	4.039	2.455 #
15) L4 Aroclor-1242 {2}	6.71	10.27	177	127	5.965	4.968
16) L4 Aroclor-1242 {3}	8.12	11.33	270	45	6.489	4.177 #
17) L4 Aroclor-1242 (4)	8.49	11.60	126	166	7.289	5.121 #
18) L4 Aroclor-1242 (5)	8.82	12.20	110	54	7.858	3.784 #
Total Aroclor-1242			747	424	31.641	20.505
Average Aroclor-1242					6.328	4.101
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	15.12f	0	853	N.D.	41.323 #

1123

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2C0259.D Vial: 39
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2C0259.D\CONFIRM.D
 Acq On : 02 Dec 96 09:45 PM Operator: JS
 Sample : 8080,AR1254, CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 2 22:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	0.00	16.13f	0	568	N.D.	36.726 #
Total Aroclor-1248			0	1421	N.D.	78.048
Average Aroclor-1248					0.000	39.024
22) L6 Aroclor-1254	12.95	17.12	5219	4652	222.672	221.540
23) L6 Aroclor-1254 {2}	13.29	17.50	11280	10621	229.781	224.529
24) L6 Aroclor-1254 {3}	13.79	17.94	5191	6330	224.068	220.667
25) L6 Aroclor-1254 (4)	14.13	18.45	6878	4284	226.546	221.734
26) L6 Aroclor-1254 (5)	15.68	19.99	8233	6559	226.101	219.650
Total Aroclor-1254			36802	32445	<u>1129.169</u>	<u>1108.119</u> ✓
Average Aroclor-1254					225.834	221.624
27) L7 Aroclor-1260	13.79	18.14	5191	4026	204.352	167.475
28) L7 Aroclor-1260 {2}	14.57	18.45	4683	4284	161.989	158.985
29) L7 Aroclor-1260 {3}	17.78	21.87	1153	1044	28.556	25.579
Total Aroclor-1260			11027	9354	394.898	352.038
Average Aroclor-1260					131.633	117.346
30) L8 Aroclor-1268	18.89	0.00	775	0	NoCal	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

1124

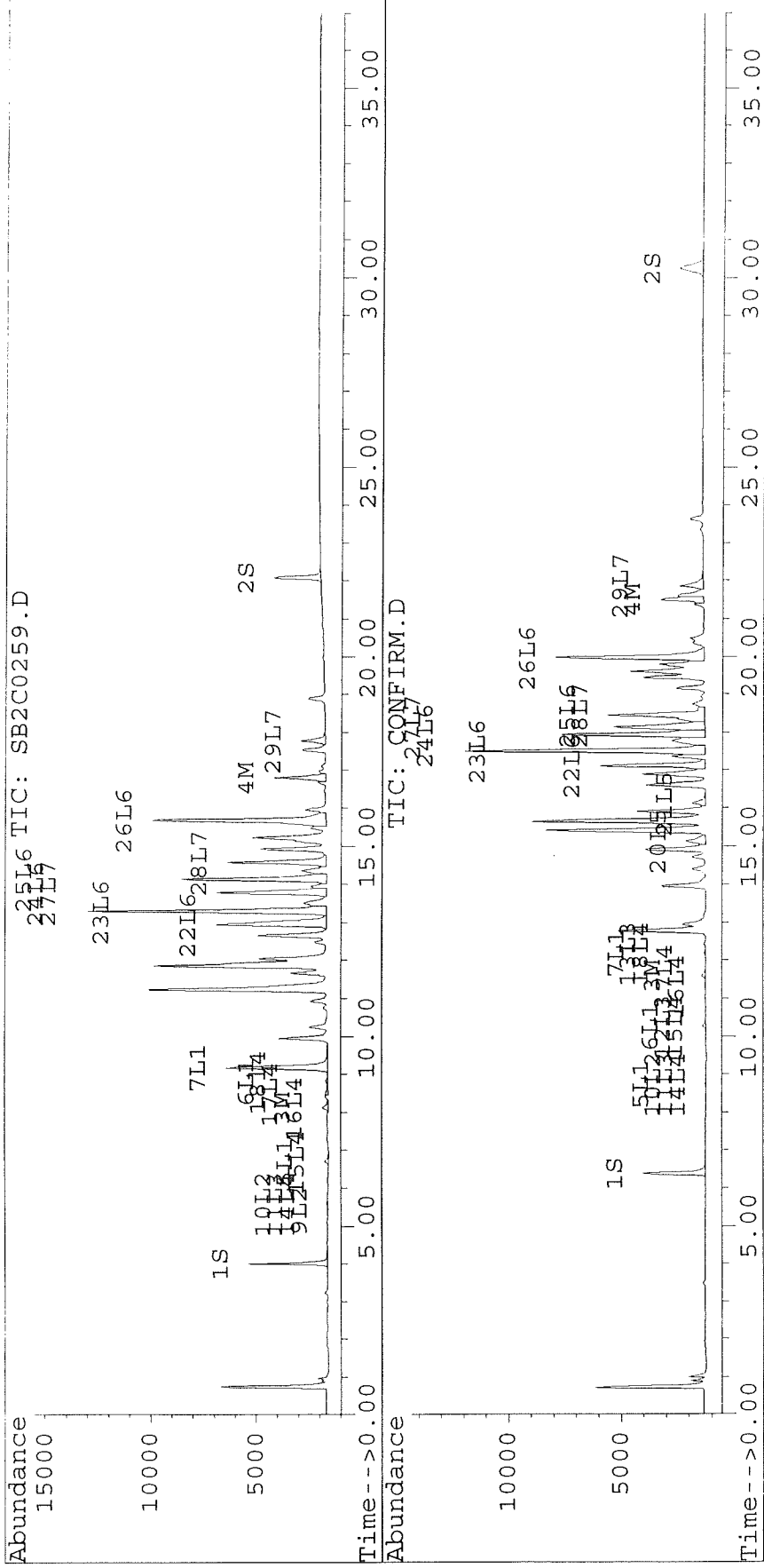
Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2C0259.D Vial: 39
Signal #2 : D:\HPCHEM\5\02Dec96\SB2C0259.D\CONFIRM.D
Acq On : 02 Dec 96 09:45 PM Operator: JS
Sample : 8080,AR1254, CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Dec 2 22:24 1996

Method : C:\HPCHEM\5\METHODS\PCB11LE.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
Response via : Multiple Level Calibration

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

1125



Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0269.D Vial: 18
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0269.D\CONFIRM.D
 Acq On : 03 Dec 96 05:12 AM Operator: JS
 Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 5:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	3957	2930	20.471	19.034
			Recovery	=	51.18%	47.59%
2) S Decachlorobiphenyl	22.09	30.25	2278	1105	14.399	14.933
			Recovery	=	36.00%	37.33%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	11032	7781	147.765	117.695
4) M 2,2',3,3',4,4'-Hexa	16.80	21.50	67	384	0.512	3.162 #
5) L1 Aroclor-1016	6.69	8.74	6982	3093	283.923	326.461
6) L1 Aroclor-1016 {2}	8.82	10.26	3352	5936	279.416	279.584
7) L1 Aroclor-1016 {3}	9.20	12.19	5346	3406	279.866	283.137
Total Aroclor-1016			15679	12435	843.205	889.181
Average Aroclor-1016					281.068	296.394
8) L2 Aroclor-1221	5.00f	7.98f	584	487	83.315	79.571
9) L2 Aroclor-1221 {2}	0.00	8.52f	0	662	N.D.	135.711 #
10) L2 Aroclor-1221 {3}	0.00	8.74f	0	3093	N.D.	201.446 #
Total Aroclor-1221			584	4241	83.315	416.728
Average Aroclor-1221					83.315	138.909
11) L3 Aroclor-1232	0.00	8.74f	0	3093	N.D.	215.809 #
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	3093	N.D.	215.809
Average Aroclor-1232					0.000	215.809
14) L4 Aroclor-1242	5.59	8.74	3887	3093	243.708	239.452
15) L4 Aroclor-1242 {2}	6.69	10.26	6982	5936	235.751	231.996
16) L4 Aroclor-1242 {3}	8.11	11.32	11032	2526	265.295	235.289
17) L4 Aroclor-1242 (4)	8.49	11.60	4145	7781	240.309	239.685
18) L4 Aroclor-1242 (5)	8.82	12.19	3352	3406	238.743	237.714
Total Aroclor-1242			29397	22742	1223.807	1184.137
Average Aroclor-1242					244.761	236.827
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1126

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0269.D Vial: 18
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0269.D\CONFIRM.D
 Acq On : 03 Dec 96 05:12 AM Operator: JS
 Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 5:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.96	17.12	696	568	29.714	27.028
23) L6 Aroclor-1254 {2}	13.29	17.50	1145	1061	23.330	22.432
24) L6 Aroclor-1254 {3}	13.78	17.94	568	646	24.517	22.509
25) L6 Aroclor-1254 (4)	14.13	0.00	702	0	23.130	N.D. #
26) L6 Aroclor-1254 (5)	15.68	19.99	172	155	4.712	5.190
Total Aroclor-1254			3284	2429	105.402	77.160
Average Aroclor-1254					21.080	19.290
27) L7 Aroclor-1260	13.78	18.13	568	104	22.359	4.339 #
28) L7 Aroclor-1260 {2}	14.57	0.00	111	0	3.823	N.D. #
29) L7 Aroclor-1260 {3}	17.78	0.00	21	0	0.531	N.D. #
Total Aroclor-1260			700	104	26.714	4.339
Average Aroclor-1260					8.905	4.339
30) L8 Aroclor-1268	18.90f	0.00	22	0	NoCal	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

1127

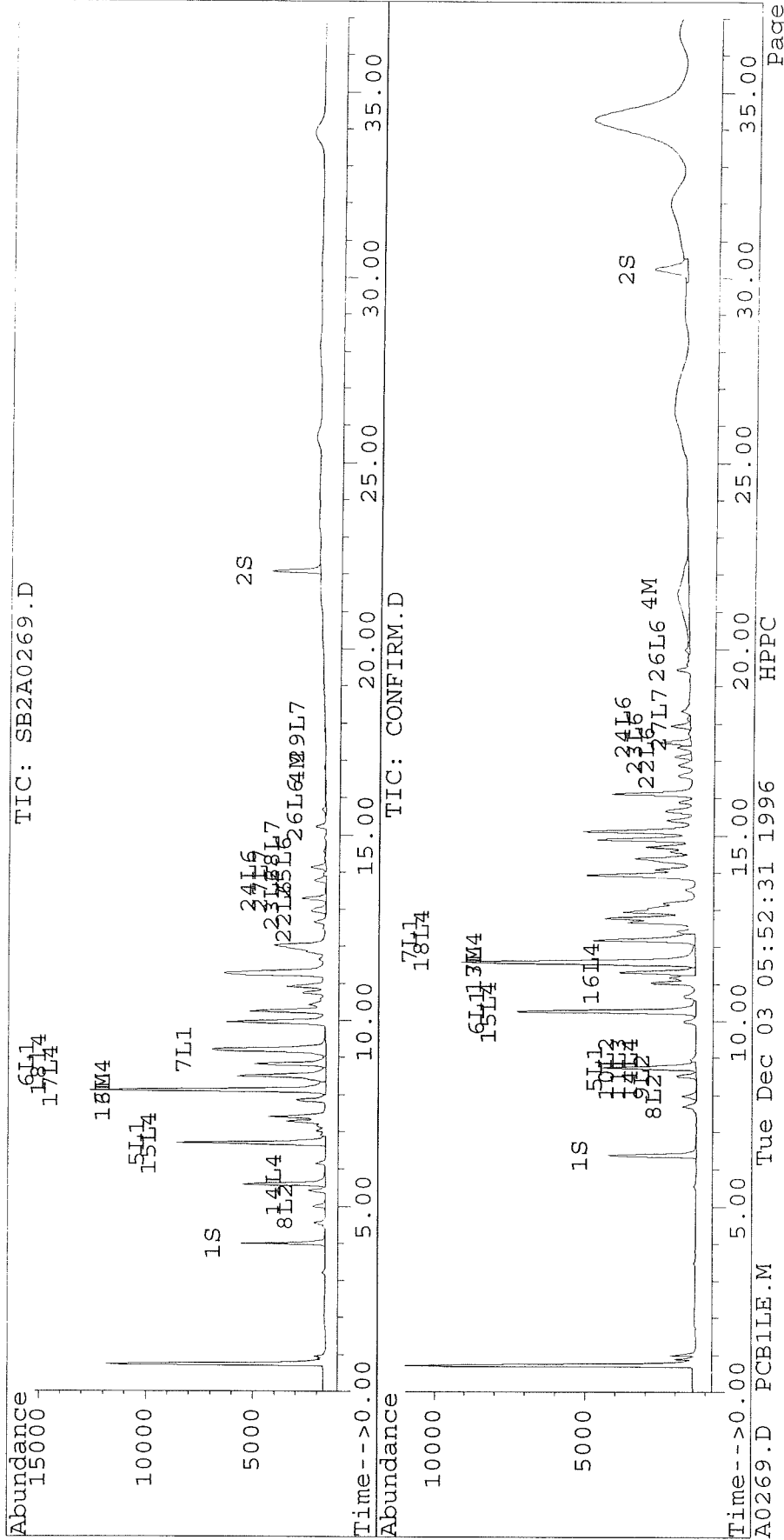
Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0269.D Vial: 18
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0269.D\CONFIRM.D
Acq On : 03 Dec 96 05:12 AM Operator: JS
Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Dec 3 5:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
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

1128



Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0270.D Vial: 19
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0270.D\CONFIRM.D
 Acq On : 03 Dec 96 05:53 AM Operator: JS
 Sample : 8080,1000ng/ul, AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 6:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	3842	2909	19.874	18.901
			Recovery	=	49.69%	47.25%
2) S Decachlorobiphenyl	22.08	30.24	2338	1054	14.779	14.241
			Recovery	=	36.95%	35.60%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.59	238	176	3.192	2.669
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	2592	2061	19.946	16.961
5) L1 Aroclor-1016	6.70	8.75	150	46	6.091	4.879
6) L1 Aroclor-1016 {2}	8.82	10.27	75	129	6.285	6.057
7) L1 Aroclor-1016 {3}	9.17f	12.21	4899	63	256.472	5.250 #
Total Aroclor-1016			5124	238	268.847	16.185
Average Aroclor-1016					89.616	5.395
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.59f	8.75f	56	46	2.778	3.011
Total Aroclor-1221			56	46	2.778	3.011
Average Aroclor-1221					2.778	3.011
11) L3 Aroclor-1232	5.59f	8.75f	56	46	3.078	3.225
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	129	N.D.	10.704 #
13) L3 Aroclor-1232 {3}	0.00	12.21f	0	63	N.D.	9.109 #
Total Aroclor-1232			56	238	3.078	23.038
Average Aroclor-1232					3.078	7.679
14) L4 Aroclor-1242	5.59	8.75	56	46	3.520	3.579
15) L4 Aroclor-1242 {2}	6.70	10.27	150	129	5.057	5.026
16) L4 Aroclor-1242 {3}	8.11	11.33	238	45	5.731	4.212 #
17) L4 Aroclor-1242 (4)	8.49	11.59	87	176	5.033	5.435
18) L4 Aroclor-1242 (5)	8.82	12.21	75	63	5.370	4.408
Total Aroclor-1242			606	460	24.711	22.659
Average Aroclor-1242					4.942	4.532
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1129

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0270.D Vial: 19
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0270.D\CONFIRM.D
 Acq On : 03 Dec 96 05:53 AM Operator: JS
 Sample : 8080,1000ng/ul, AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 6:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	5461	4816	233.016	229.345
23) L6 Aroclor-1254 {2}	13.29	17.50	11666	11056	237.653	233.730
24) L6 Aroclor-1254 {3}	13.78	17.93	5369	6842	231.752	238.511
25) L6 Aroclor-1254 (4)	14.13	18.45	7314	4499	240.890	232.867
26) L6 Aroclor-1254 (5)	15.67	19.98	8720	7036	239.454	235.617
Total Aroclor-1254			38531	34248	1182.767	1170.069
Average Aroclor-1254					236.553	234.014
27) L7 Aroclor-1260	13.78	18.13	5369	4117	211.361	171.255
28) L7 Aroclor-1260 {2}	14.57	18.45	4893	4499	169.252	166.967
29) L7 Aroclor-1260 {3}	17.77	21.86	1232	1154	30.513	28.262
Total Aroclor-1260			11494	9769	411.126	366.484
Average Aroclor-1260					137.042	122.161
30) L8 Aroclor-1268	18.89	0.00	828	0	NoCal	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

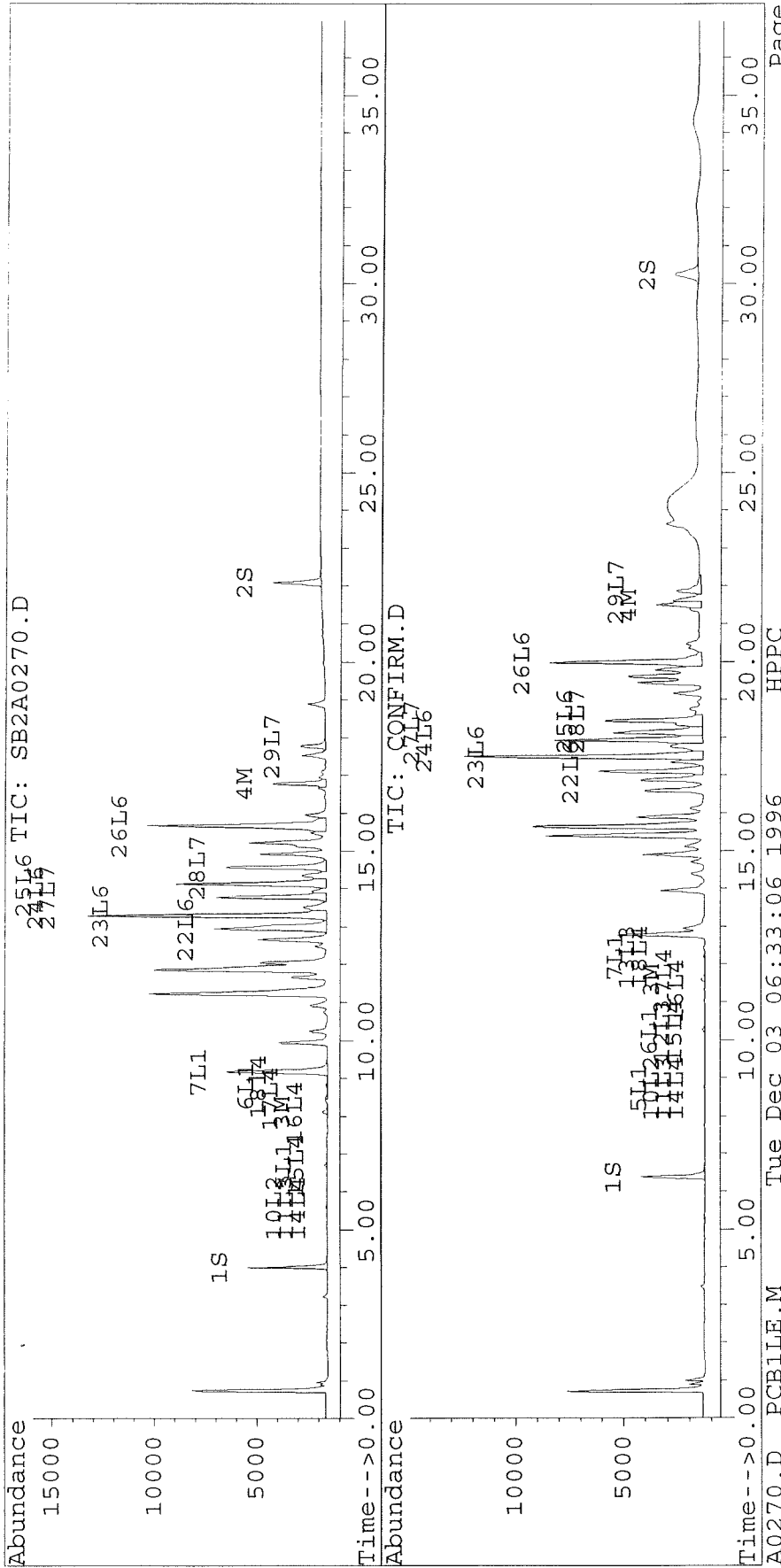
1130

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0270.D Vial: 19
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0270.D\CONFIRM.D
 Acq On : 03 Dec 96 05:53 AM Operator: JS
 Sample : 8080,1000ng/ul, AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 6:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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



1131

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0271.D Vial: 20
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0271.D\CONFIRM.D
 Acq On : 03 Dec 96 06:34 AM Operator: JS
 Sample : 8080,250ng/ul, cogeners, CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 7:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	4661	3515	24.114	22.833
			Recovery	=	60.29%	57.08%
2) S Decachlorobiphenyl	22.09	30.25	3473	1580	21.951	21.338
			Recovery	=	54.88%	53.35%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.62	22274	19691	298.346	297.855
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	38133	35590	293.427	292.875
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	8.11	0.00	22274	0	535.646	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.62	0	19691	N.D.	606.579 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			22274	19691	535.646	606.579
Average Aroclor-1242					535.646	606.579
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1132

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0271.D Vial: 20
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0271.D\CONFIRM.D
 Acq On : 03 Dec 96 06:34 AM Operator: JS
 Sample : 8080,250ng/ul, cogeners, CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 7:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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}	13.77	0.00	104	0	4.477	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			104	0	4.477	N.D.
Average Aroclor-1254					4.477	0.000
27) L7 Aroclor-1260	13.77	0.00	104	0	4.083	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			104	0	4.083	N.D.
Average Aroclor-1260					4.083	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

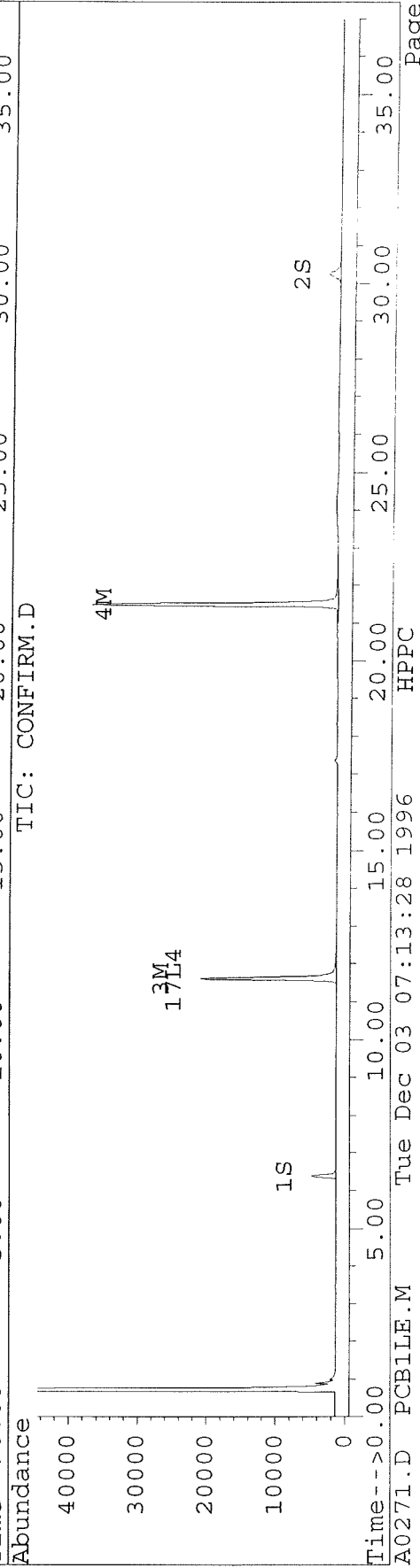
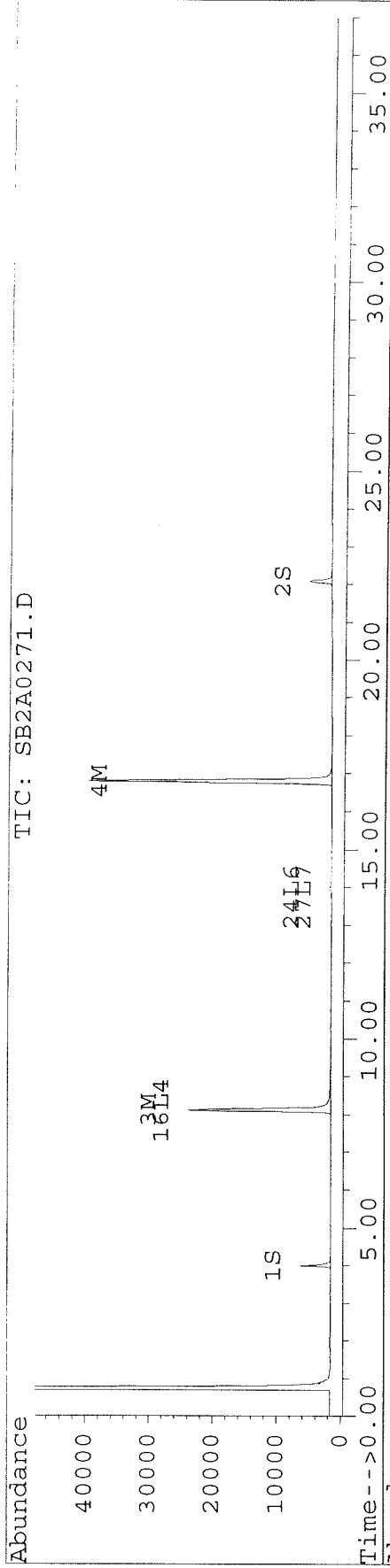
1133

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0271.D Vial: 20
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0271.D\CONFIRM.D
Acq On : 03 Dec 96 06:34 AM Operator: JS
Sample : 8080,250ng/ul, cogeners, CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Dec 3 7:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
Response via : Multiple Level Calibration

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



1134

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0282.D Vial: 31
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0282.D\CONFIRM.D
 Acq On : 03 Dec 96 02:02 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 14:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	3594	2708	18.591	17.593
			Recovery	=	46.48%	43.98%
2) S Decachlorobiphenyl	22.09	30.25	2213	1207	13.990	16.306
			Recovery	=	34.98%	40.77%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	10128	7564	135.655	114.412
4) M 2,2',3,3',4,4'-Hexa	16.79	21.47	267	677	2.053	5.570 #
5) L1 Aroclor-1016	6.70	8.75	6444	2909	262.057	307.101
6) L1 Aroclor-1016 {2}	8.82	10.26	3058	5842	254.930	275.163
7) L1 Aroclor-1016 {3}	9.21	12.19	4890	3432	256.014	285.230
Total Aroclor-1016			14392	12183	773.002	867.493
Average Aroclor-1016					257.667	289.164
8) L2 Aroclor-1221	5.00f	7.98f	545	454	77.752	74.284
9) L2 Aroclor-1221 {2}	5.42f	8.52f	753	626	129.052	128.315
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	2909	N.D.	189.499 #
Total Aroclor-1221			1298	3989	206.804	392.098
Average Aroclor-1221					103.402	130.699
11) L3 Aroclor-1232	0.00	8.75f	0	2909	N.D.	203.011 #
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	2909	N.D.	203.011
Average Aroclor-1232					0.000	203.011
14) L4 Aroclor-1242	5.59	8.75	3613	2909	226.533	225.252
15) L4 Aroclor-1242 {2}	6.70	10.26	6444	5842	217.595	228.328
16) L4 Aroclor-1242 {3}	8.11	11.32	10128	2716	243.552	252.990
17) L4 Aroclor-1242 (4)	8.49	11.60	3823	7564	221.623	232.999
18) L4 Aroclor-1242 (5)	8.82	12.19	3058	3432	217.822	239.471
Total Aroclor-1242			27065	22463	1127.124	1179.041
Average Aroclor-1242					225.425	235.808
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1135

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0282.D Vial: 31
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0282.D\CONFIRM.D
 Acq On : 03 Dec 96 02:02 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 14:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.96	17.12	666	521	28.410	24.787
23) L6 Aroclor-1254 {2}	13.29	17.51	1057	941	21.536	19.884
24) L6 Aroclor-1254 {3}	13.78	17.94	511	591	22.039	20.599
25) L6 Aroclor-1254 (4)	14.13	0.00	623	0	20.520	N.D. #
26) L6 Aroclor-1254 (5)	15.68	19.99	214	170	5.890	5.692
Total Aroclor-1254			3071	2222	98.396	70.962
Average Aroclor-1254					19.679	17.740
27) L7 Aroclor-1260	13.78	18.14	511	107	20.100	4.442 #
28) L7 Aroclor-1260 {2}	14.57	0.00	79	0	2.720	N.D. #
29) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			589	107	22.820	4.442
Average Aroclor-1260					11.410	4.442
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

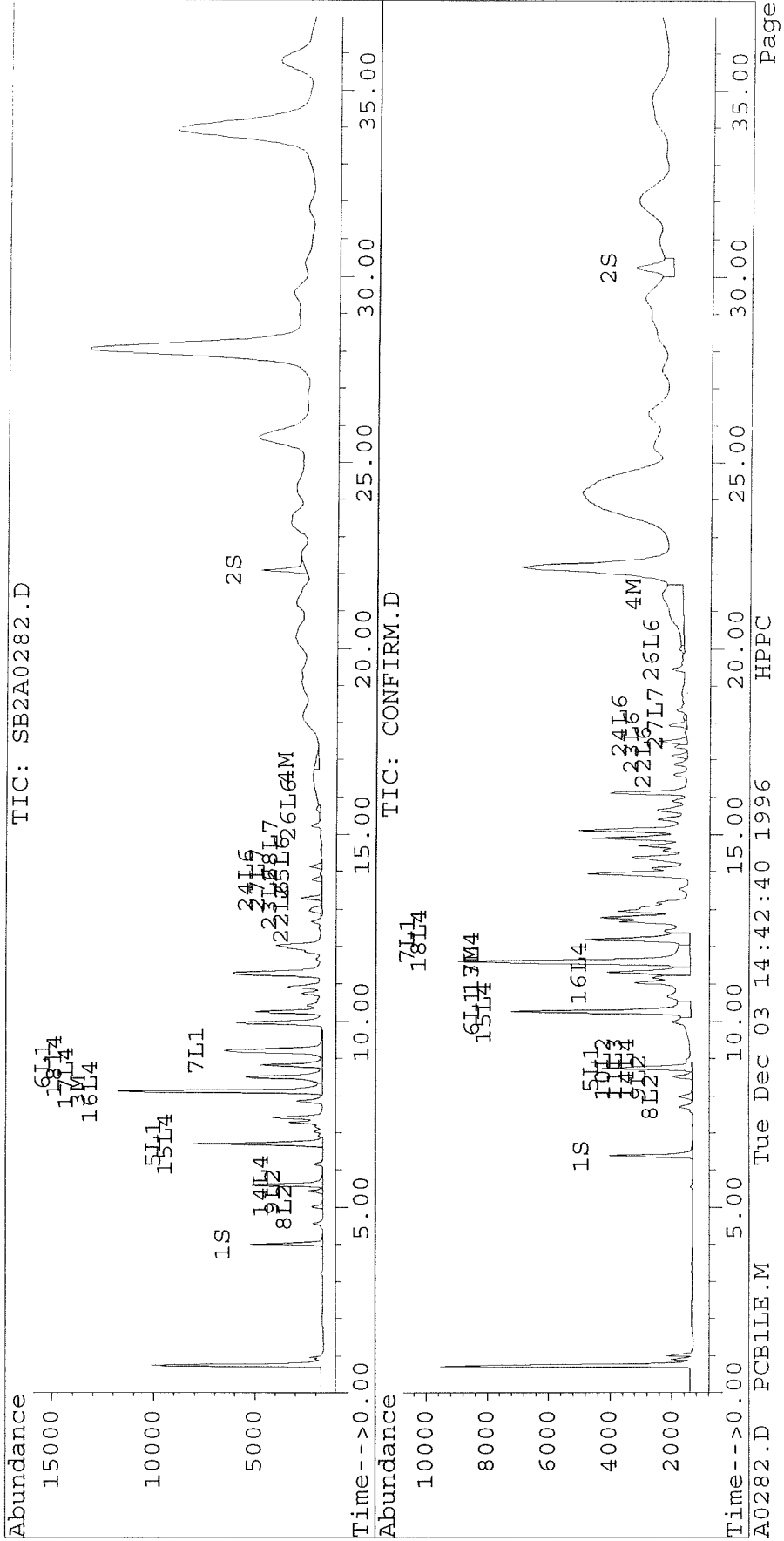
1136

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0282.D Vial: 31
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0282.D\CONFIRM.D
 Acq On : 03 Dec 96 02:02 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 14:41 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0283.D Vial: 32
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0283.D\CONFIRM.D
 Acq On : 03 Dec 96 02:42 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 15:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	3503	2679	18.123	17.406
			Recovery	=	45.31%	43.52%
2) S Decachlorobiphenyl	22.09	30.25	2054	1477	12.981	19.959 #
			Recovery	=	32.45%	49.90%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	229	186	3.067	2.818
4) M 2,2',3,3',4,4'-Hexa	16.80	21.50	2382	2889	18.329	23.777 #
5) L1 Aroclor-1016	6.70	8.75	142	43	5.766	4.585
6) L1 Aroclor-1016 {2}	8.82	10.27	72	117	6.039	5.520
7) L1 Aroclor-1016 {3}	9.17f	12.20	4647	53	243.292	4.380 #
Total Aroclor-1016			4861	213	255.097	14.485
Average Aroclor-1016					85.032	4.828
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	5.59f	8.75f	53	43	2.640	2.829
Total Aroclor-1221			53	43	2.640	2.829
Average Aroclor-1221					2.640	2.829
11) L3 Aroclor-1232	5.59f	8.75f	53	43	2.924	3.031
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	117	N.D.	9.756 #
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	53	N.D.	7.599 #
Total Aroclor-1232			53	213	2.924	20.386
Average Aroclor-1232					2.924	6.795
14) L4 Aroclor-1242	5.59	8.75	53	43	3.345	3.363
15) L4 Aroclor-1242 {2}	6.70	10.27	142	117	4.788	4.581
16) L4 Aroclor-1242 {3}	8.11	11.33	229	58	5.506	5.360
17) L4 Aroclor-1242 (4)	8.49	11.60	82	186	4.760	5.738
18) L4 Aroclor-1242 (5)	8.82	12.20	72	53	5.160	3.677 #
Total Aroclor-1242			579	457	23.559	22.719
Average Aroclor-1242					4.712	4.544
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0283.D Vial: 32
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0283.D\CONFIRM.D
 Acq On : 03 Dec 96 02:42 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 15:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.11	5089	4549	217.126	216.628
23) L6 Aroclor-1254 {2}	13.29	17.50	10876	10237	221.547	216.414
24) L6 Aroclor-1254 {3}	13.78	17.94	5024	6421	216.843	223.828
25) L6 Aroclor-1254 (4)	14.13	18.45	6909	4255	227.551	220.266
26) L6 Aroclor-1254 (5)	15.68	19.98	8076	6678	221.772	223.638
Total Aroclor-1254			35973	32140	1104.838	1100.774
Average Aroclor-1254					220.968	220.155
27) L7 Aroclor-1260	13.78	18.13	5024	3905	197.763	162.418
28) L7 Aroclor-1260 {2}	14.57	18.45	4565	4255	157.922	157.932
29) L7 Aroclor-1260 {3}	17.77	21.86	1142	1599	28.290	39.186 #
Total Aroclor-1260			10731	9759	383.975	359.536
Average Aroclor-1260					127.992	119.845
30) L8 Aroclor-1268	18.89	0.00	763	0	NoCal	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

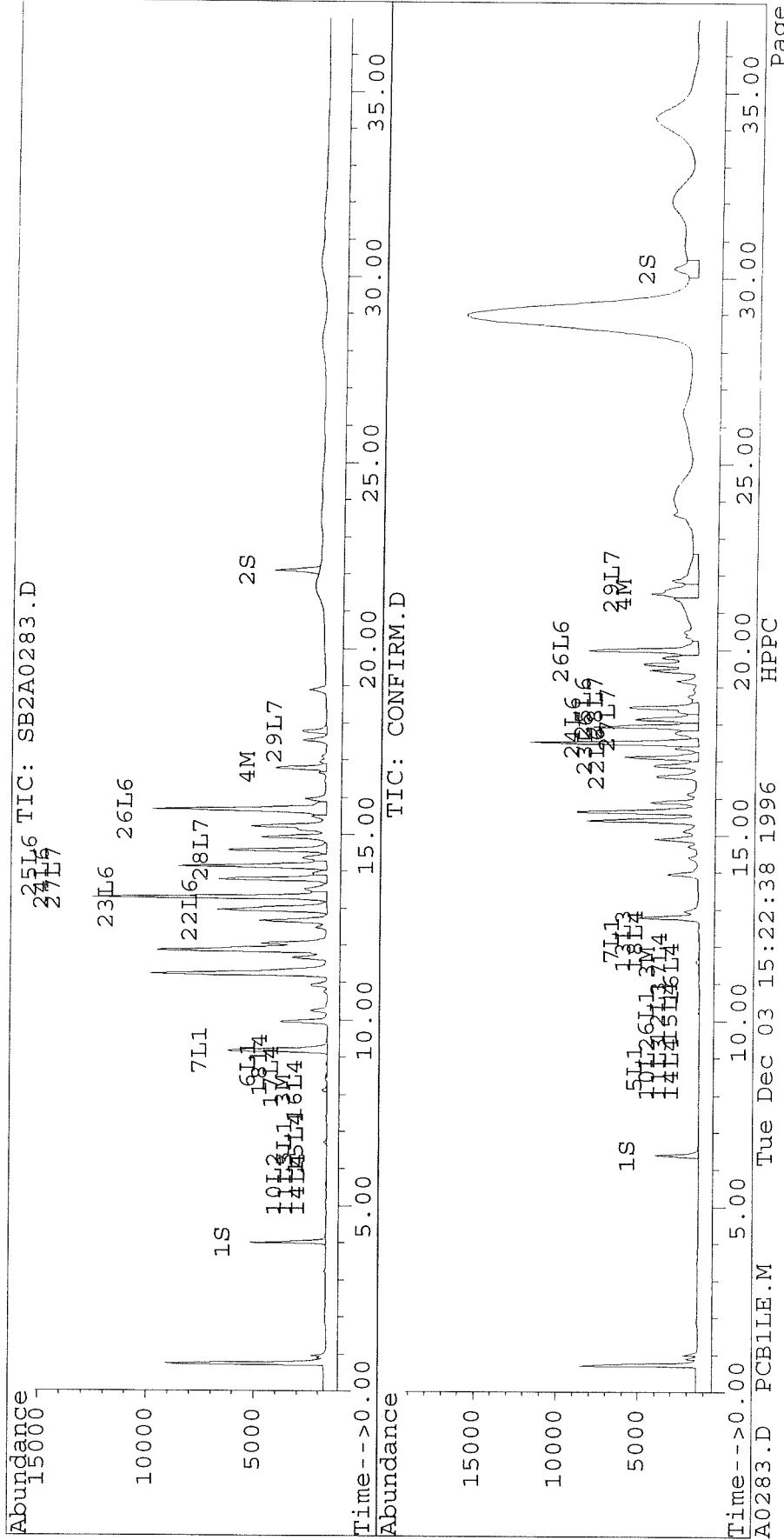
1139

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0283.D Vial: 32
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0283.D\CONFIRM.D
Acq On : 03 Dec 96 02:42 PM Operator: JS
Sample : 8080,1000ng/ul, AR1254 CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Dec 3 15:21 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
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



1140

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0284.D
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0284.D\CONFIRM.D
 Acq On : 03 Dec 96 03:23 PM
 Sample : 8080,250ng/ul, cogeners, CON3
 Misc :
 Quant Time: Dec 3 16:02 1996

Vial: 33
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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	4.00	6.39	4971	3688	25.719	23.959
			Recovery	=	64.30%	59.90%
2) S Decachlorobiphenyl	22.09	30.25	3856	2034	24.371	27.476
			Recovery	=	60.93%	68.69%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.62	23861	21049	319.595	318.401
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	42281	38061	325.339	313.204
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	8.11	0.00	23861	0	573.796	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.62	0	21049	N.D.	648.421 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			23861	21049	573.796	648.421
Average Aroclor-1242					573.796	648.421
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0284.D Vial: 33
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0284.D\CONFIRM.D
 Acq On : 03 Dec 96 03:23 PM Operator: JS
 Sample : 8080,250ng/ul, cogeners, CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 16:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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}	13.77	0.00	111	0	4.801	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			111	0	4.801	N.D.
Average Aroclor-1254					4.801	0.000
27) L7 Aroclor-1260	13.77	0.00	111	0	4.379	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			111	0	4.379	N.D.
Average Aroclor-1260					4.379	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

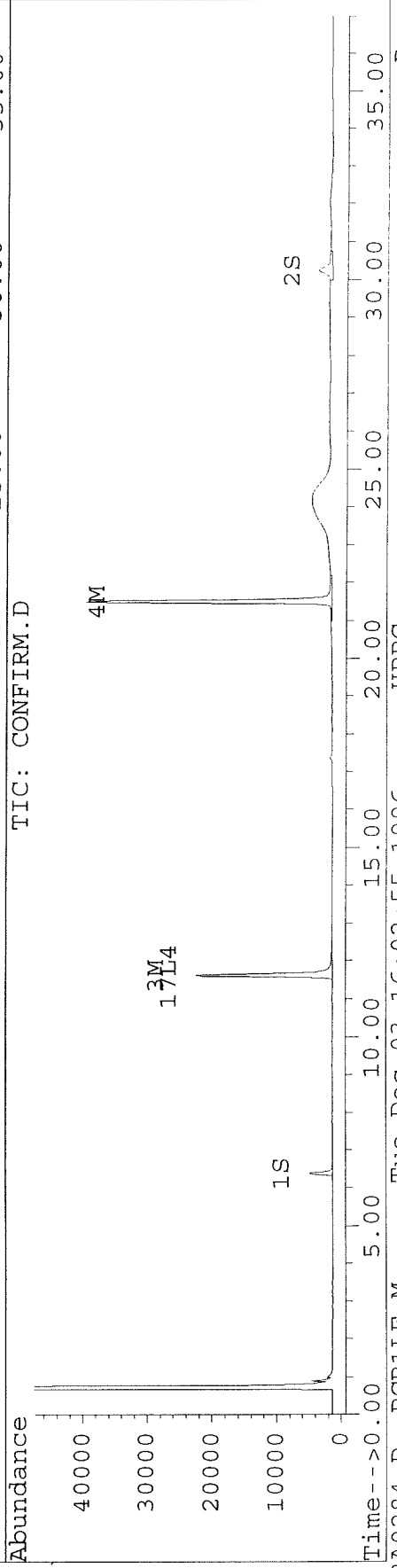
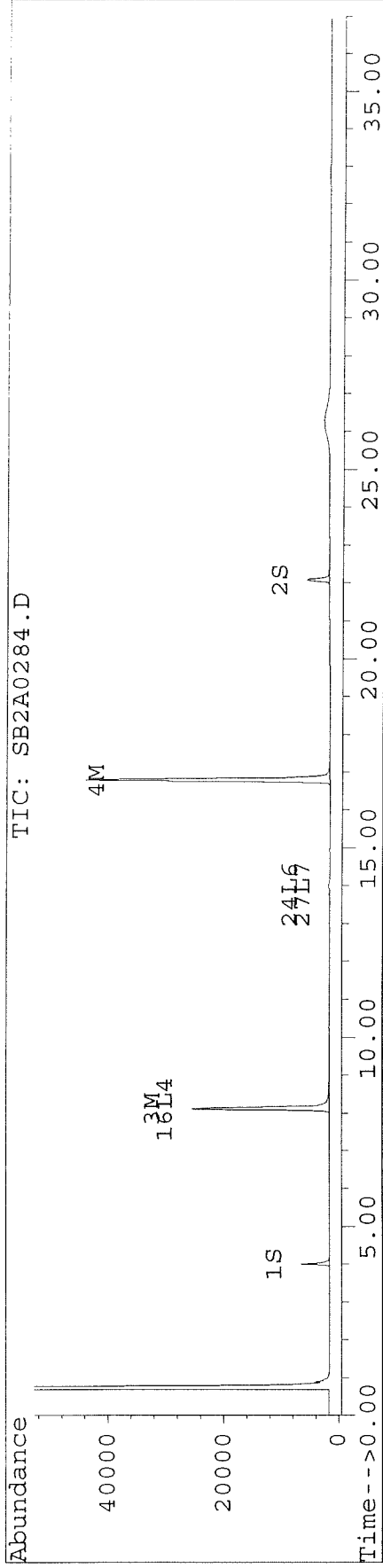
1142

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0284.D Vial: 33
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0284.D\CONFIRM.D
Acq On : 03 Dec 96 03:23 PM Operator: JS
Sample : 8080,250ng/ul, cogeners, CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Dec 3 16:02 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\02Dec96\SB2A0293.D Vial: 42
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0293.D\CONFIRM.D
 Acq On : 03 Dec 96 09:38 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 22:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	4019	2997	20.794	19.470
			Recovery	=	51.99%	48.68%
2) S Decachlorobiphenyl	22.09	30.25	2353	1196	14.873	16.158
			Recovery	=	37.18%	40.40%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	11301	7867	151.370	119.002
4) M 2,2',3,3',4,4'-Hexa	16.80	21.50	147	325	1.134	2.675 #
5) L1 Aroclor-1016	6.70	8.75	7125	3137	289.749	331.104
6) L1 Aroclor-1016 {2}	8.82	10.26	3423	6041	285.325	284.537
7) L1 Aroclor-1016 {3}	9.21	12.19	5452	3452	285.416	286.893
Total Aroclor-1016			15999	12629	860.491	902.534
Average Aroclor-1016					286.830	300.845
8) L2 Aroclor-1221	5.00f	7.98f	597	494	85.206	80.740
9) L2 Aroclor-1221 {2}	0.00	8.52f	0	679	N.D.	139.117 #
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	3137	N.D.	204.311 #
Total Aroclor-1221			597	4309	85.206	424.168
Average Aroclor-1221					85.206	141.389
11) L3 Aroclor-1232	0.00	8.75f	0	3137	N.D.	218.879 #
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	3137	N.D.	218.879
Average Aroclor-1232					0.000	218.879
14) L4 Aroclor-1242	5.59	8.75	3944	3137	247.327	242.858
15) L4 Aroclor-1242 {2}	6.70	10.26	7125	6041	240.589	236.107
16) L4 Aroclor-1242 {3}	8.11	11.32	11301	2545	271.767	237.050
17) L4 Aroclor-1242 (4)	8.49	11.60	4230	7867	245.236	242.346
18) L4 Aroclor-1242 (5)	8.82	12.19	3423	3452	243.792	240.867
Total Aroclor-1242			30023	23041	1248.712	1199.229
Average Aroclor-1242					249.742	239.846
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1144

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0293.D Vial: 42
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0293.D\CONFIRM.D
 Acq On : 03 Dec 96 09:38 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 22:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.96	17.12	755	588	32.203	28.007
23) L6 Aroclor-1254 {2}	13.29	17.51	1219	1087	24.834	22.982
24) L6 Aroclor-1254 {3}	13.78	17.94	627	659	27.075	22.987
25) L6 Aroclor-1254 (4)	14.13	0.00	772	0	25.415	N.D. #
26) L6 Aroclor-1254 (5)	15.68	19.99	243	150	6.680	5.031
Total Aroclor-1254			3616	2485	116.206	79.008
Average Aroclor-1254					23.241	19.752
27) L7 Aroclor-1260	13.78	18.14	627	99	24.693	4.109 #
28) L7 Aroclor-1260 {2}	14.57	0.00	168	0	5.828	N.D. #
29) L7 Aroclor-1260 {3}	0.00	21.87	0	174	N.D.	4.256 #
Total Aroclor-1260			796	273	30.521	8.366
Average Aroclor-1260					15.260	4.183
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

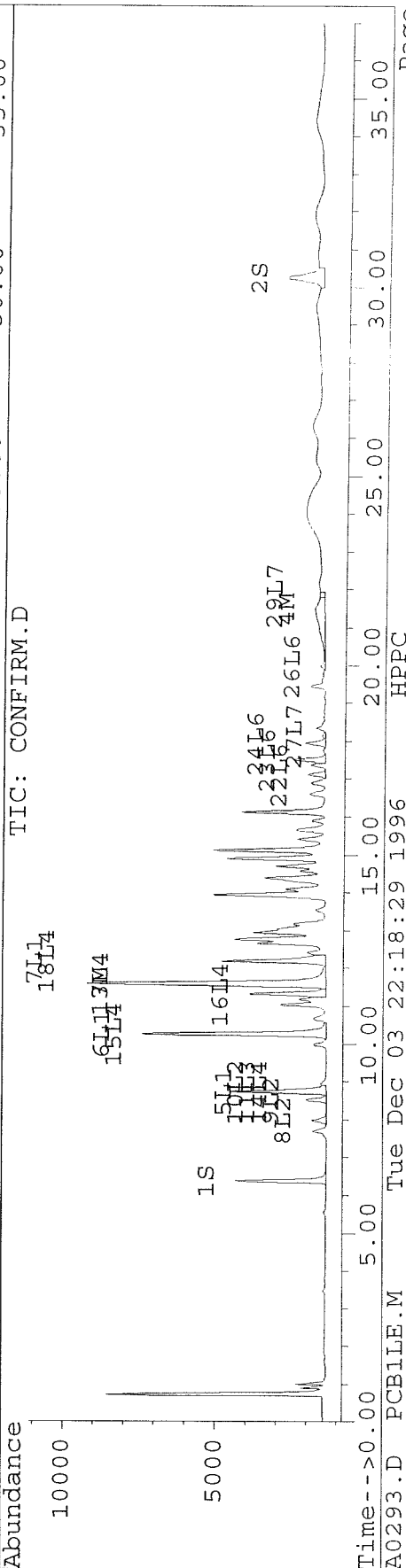
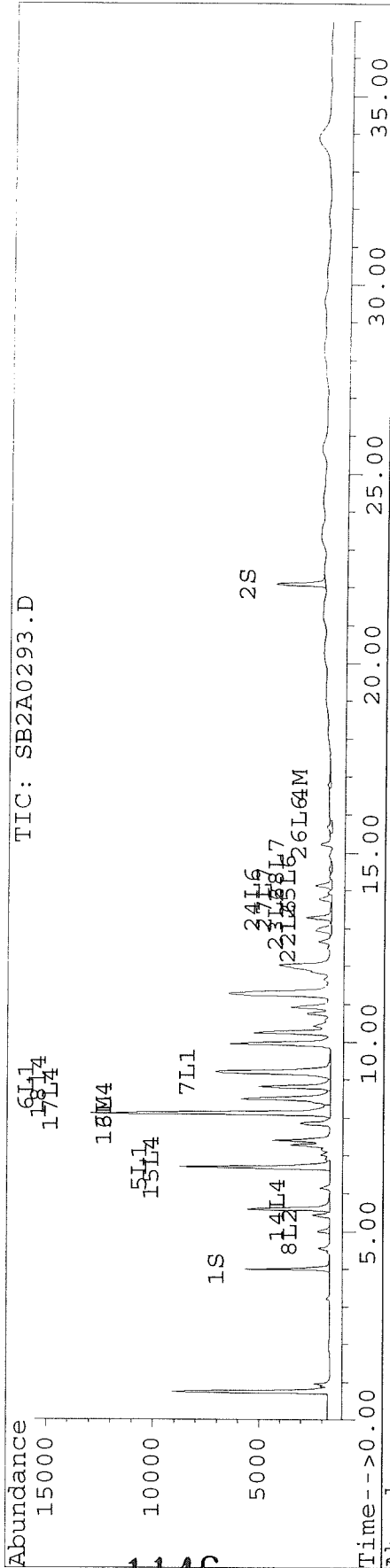
1145

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0293.D Vial: 42
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0293.D\CONFIRM.D
 Acq On : 03 Dec 96 09:38 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 22:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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



1146

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0294.D Vial: 43
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0294.D\CONFIRM.D
 Acq On : 03 Dec 96 10:19 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 22:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	3302	2543	17.085	16.519
			Recovery	=	42.71%	41.30%
2) S Decachlorobiphenyl	22.09	30.25	1982	1119	12.527	15.116
			Recovery	=	31.32%	37.79%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.12	11.60	257	173	3.443	2.620
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	2282	2042	17.556	16.805
5) L1 Aroclor-1016	6.71	8.74	166	40	6.760	4.259 #
6) L1 Aroclor-1016 {2}	8.82	10.27	105	145	8.791	6.822
7) L1 Aroclor-1016 {3}	9.18f	12.20	4529	51	237.119	4.254 #
Total Aroclor-1016			4801	236	252.670	15.334
Average Aroclor-1016					84.223	5.111
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.42f	0.00	19	0	3.268	N.D. #
10) L2 Aroclor-1221 {3}	5.60f	8.74f	62	40	3.045	2.628
Total Aroclor-1221			81	40	6.313	2.628
Average Aroclor-1221					3.156	2.628
11) L3 Aroclor-1232	5.60f	8.74f	62	40	3.373	2.815
12) L3 Aroclor-1232 {2}	6.71f	10.27f	166	145	12.180	12.056
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	51	N.D.	7.381 #
Total Aroclor-1232			228	236	15.553	22.252
Average Aroclor-1232					7.776	7.417
14) L4 Aroclor-1242	5.60	8.74	62	40	3.858	3.124
15) L4 Aroclor-1242 {2}	6.71	10.27	166	145	5.613	5.661
16) L4 Aroclor-1242 {3}	8.12	11.33	257	58	6.182	5.404
17) L4 Aroclor-1242 (4)	8.49	11.60	121	173	7.040	5.336
18) L4 Aroclor-1242 (5)	8.82	12.20	105	51	7.511	3.571 #
Total Aroclor-1242			712	468	30.205	23.096
Average Aroclor-1242					6.041	4.619
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	15.12f	0	824	N.D.	39.941 #

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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0294.D Vial: 43
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0294.D\CONFIRM.D
 Acq On : 03 Dec 96 10:19 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 22:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
21) L5 Aroclor-1248 {3}	0.00	16.13f	0	554	N.D.	35.819 #
Total Aroclor-1248			0	1378	N.D.	75.761
Average Aroclor-1248					0.000	37.880
22) L6 Aroclor-1254	12.95	17.12	4907	4338	209.347	206.550
23) L6 Aroclor-1254 {2}	13.29	17.50	10550	9953	214.907	210.425
24) L6 Aroclor-1254 {3}	13.78	17.94	4865	5973	209.990	208.233
25) L6 Aroclor-1254 (4)	14.13	18.45	6522	4015	214.801	207.840
26) L6 Aroclor-1254 (5)	15.68	19.99	7701	6197	211.476	207.532
Total Aroclor-1254			34544	30476	1060.522	1040.580
Average Aroclor-1254					212.104	208.116
27) L7 Aroclor-1260	13.78	18.13	4865	3712	191.514	154.397
28) L7 Aroclor-1260 {2}	14.57	18.45	4388	4015	151.807	149.023
29) L7 Aroclor-1260 {3}	17.77	21.87	1064	1159	26.357	28.401
Total Aroclor-1260			10318	8886	369.678	331.821
Average Aroclor-1260					123.226	110.607
30) L8 Aroclor-1268	18.89	0.00	724	0	NoCal	N.D.
31) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
32) L8 Aroclor-1268 {3}	0.00	28.06f	0	196	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

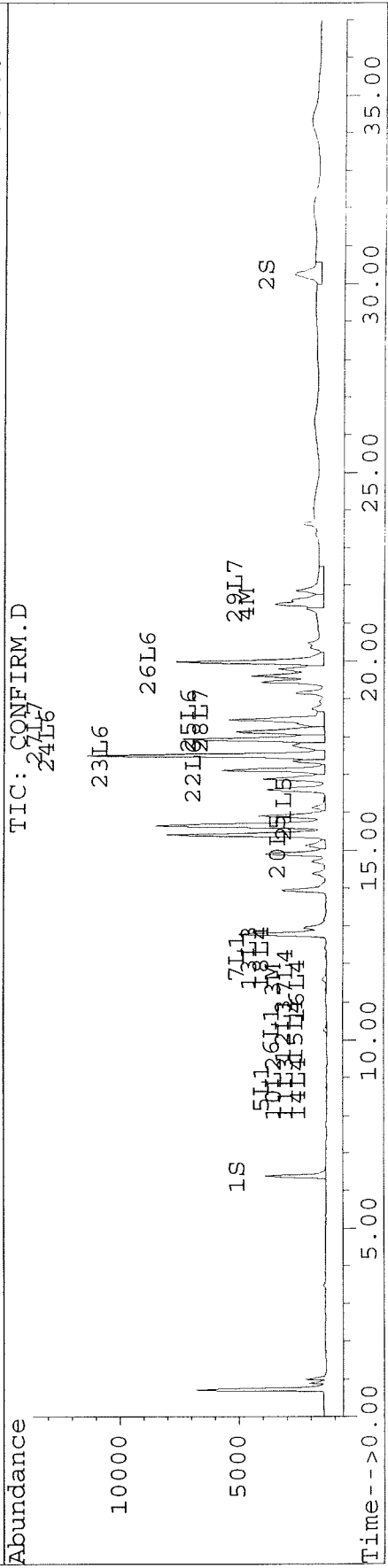
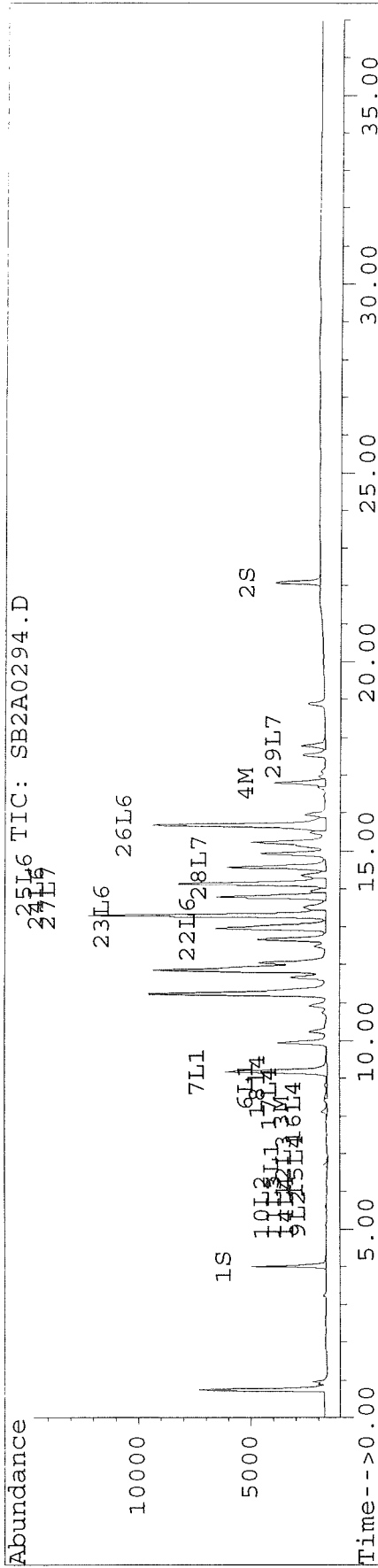
1148

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0294.D Vial: 43
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0294.D\CONFIRM.D
 Acq On : 03 Dec 96 10:19 PM Operator: JS
 Sample : 8080,1000ng/ul, AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 22:58 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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 : D:\HPCHEM\5\02Dec96\SB2A0295.D
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0295.D\CONFIRM.D
 Acq On : 03 Dec 96 11:00 PM
 Sample : 8080,250ng/ul, congeners, CON3
 Misc :
 Quant Time: Dec 3 23:38 1996

Vial: 44
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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	4.00	6.39	4596	3492	23.779	22.684
			Recovery	=	59.45%	56.71%
2) S Decachlorobiphenyl	22.09	30.26	3629	1667	22.936	22.519
			Recovery	=	57.34%	56.30%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.62	22451	19659	300.718	297.370
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	39532	36426	304.188	299.755
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	8.11	0.00	22451	0	539.904	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.62	0	19659	N.D.	605.592 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			22451	19659	539.904	605.592
Average Aroclor-1242					539.904	605.592
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0295.D Vial: 44
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0295.D\CONFIRM.D
 Acq On : 03 Dec 96 11:00 PM Operator: JS
 Sample : 8080,250ng/ul, cogeners, CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 3 23:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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}	13.78	0.00	108	0	4.646	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			108	0	4.646	N.D.
Average Aroclor-1254					4.646	0.000
27) L7 Aroclor-1260	13.78	0.00	108	0	4.237	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			108	0	4.237	N.D.
Average Aroclor-1260					4.237	0.000
30) L8 Aroclor-1268	18.90	0.00	19	0	NoCal	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

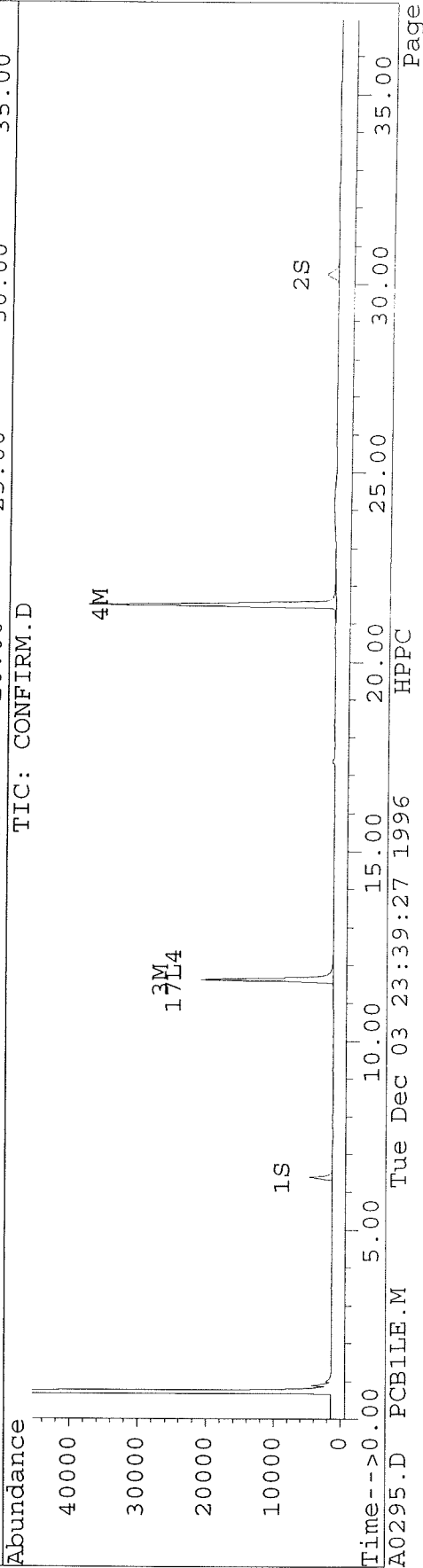
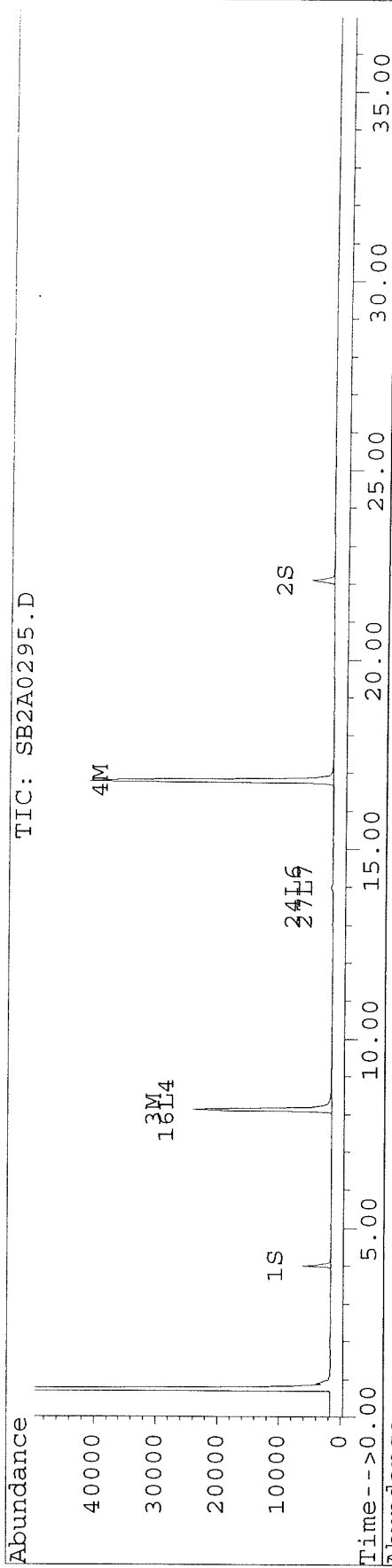
1151

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0295.D Vial: 44
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0295.D\CONFIRM.D
Acq On : 03 Dec 96 11:00 PM Operator: JS
Sample : 8080,250ng/ul, cogeners, CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Dec 3 23:38 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
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 : D:\HPCHEM\5\02Dec96\SB2A0298.D Vial: 47
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0298.D\CONFIRM.D
 Acq On : 04 Dec 96 01:02 AM Operator: JS
 Sample : 8080,VHB, C995-127, PK10 Inst : SB2
 Misc : 15.5g, 25mL, 92% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 4 1:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	1663	1275	8.601	8.283
			Recovery	=	21.50%	20.71%
2) S Decachlorobiphenyl	22.09	30.26	1618	781	10.224	10.550
			Recovery	=	25.56%	26.38%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.61	6450	4405	86.395	66.639
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	1693	1116	13.029	9.184 #
5) L1 Aroclor-1016	6.70	8.75	2285	294	92.908	31.011 #
6) L1 Aroclor-1016 {2}	8.82	10.27	1788	2010	149.039	94.648 #
7) L1 Aroclor-1016 {3}	9.19	12.19	4997	943	261.593	78.377 #
Total Aroclor-1016			9069	3246	503.540	204.036
Average Aroclor-1016					167.847	68.012
8) L2 Aroclor-1221	5.09f	7.97f	205	158	29.259	25.895
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	294	N.D.	19.136 #
Total Aroclor-1221			205	452	29.259	45.031
Average Aroclor-1221					29.259	22.515
11) L3 Aroclor-1232	0.00	8.75f	0	294	N.D.	20.500 #
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	294	N.D.	20.500
Average Aroclor-1232					0.000	20.500
14) L4 Aroclor-1242	5.59	8.75	645	294	40.475	22.746 #
15) L4 Aroclor-1242 {2}	6.70	10.27	2285	2010	77.145	78.538
16) L4 Aroclor-1242 {3}	8.11	11.33	6450	737	155.111	68.622 #
17) L4 Aroclor-1242 (4)	8.50	11.61	1082	4405	62.744	135.709 #
18) L4 Aroclor-1242 (5)	8.82	12.19	1788	943	127.344	65.803 #
Total Aroclor-1242			12250	8388	462.820	371.419
Average Aroclor-1242					92.564	74.284
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0298.D Vial: 47
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0298.D\CONFIRM.D
 Acq On : 04 Dec 96 01:02 AM Operator: JS
 Sample : 8080,VHB, C995-127, PK10 Inst : SB2
 Misc : 15.5g, 25mL, 92% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 4 1:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.95	17.12	2684	2394	114.523	114.019
23) L6 Aroclor-1254 {2}	13.29	17.50	6203	5551	126.356	117.343
24) L6 Aroclor-1254 {3}	13.79	17.95	3123	3786	134.811	131.990
25) L6 Aroclor-1254 (4)	14.13	18.45	3940	2682	129.770	138.821
26) L6 Aroclor-1254 (5)	15.68	19.99	4881	3948	134.052	132.222
Total Aroclor-1254			20832	18361	639.511	634.396
Average Aroclor-1254					127.902	126.879
27) L7 Aroclor-1260	13.79	18.13	3123	2383	122.949	99.109
28) L7 Aroclor-1260 {2}	14.57	18.45	2906	2682	100.521	99.536
29) L7 Aroclor-1260 {3}	17.77	21.87	1342	1196	33.228	29.296
Total Aroclor-1260			7371	6260	256.698	227.941
Average Aroclor-1260					85.566	75.980
30) L8 Aroclor-1268	18.89	0.00	965	0	NoCal	N.D.
31) L8 Aroclor-1268 {2}	19.05f	0.00	83	0	NoCal	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

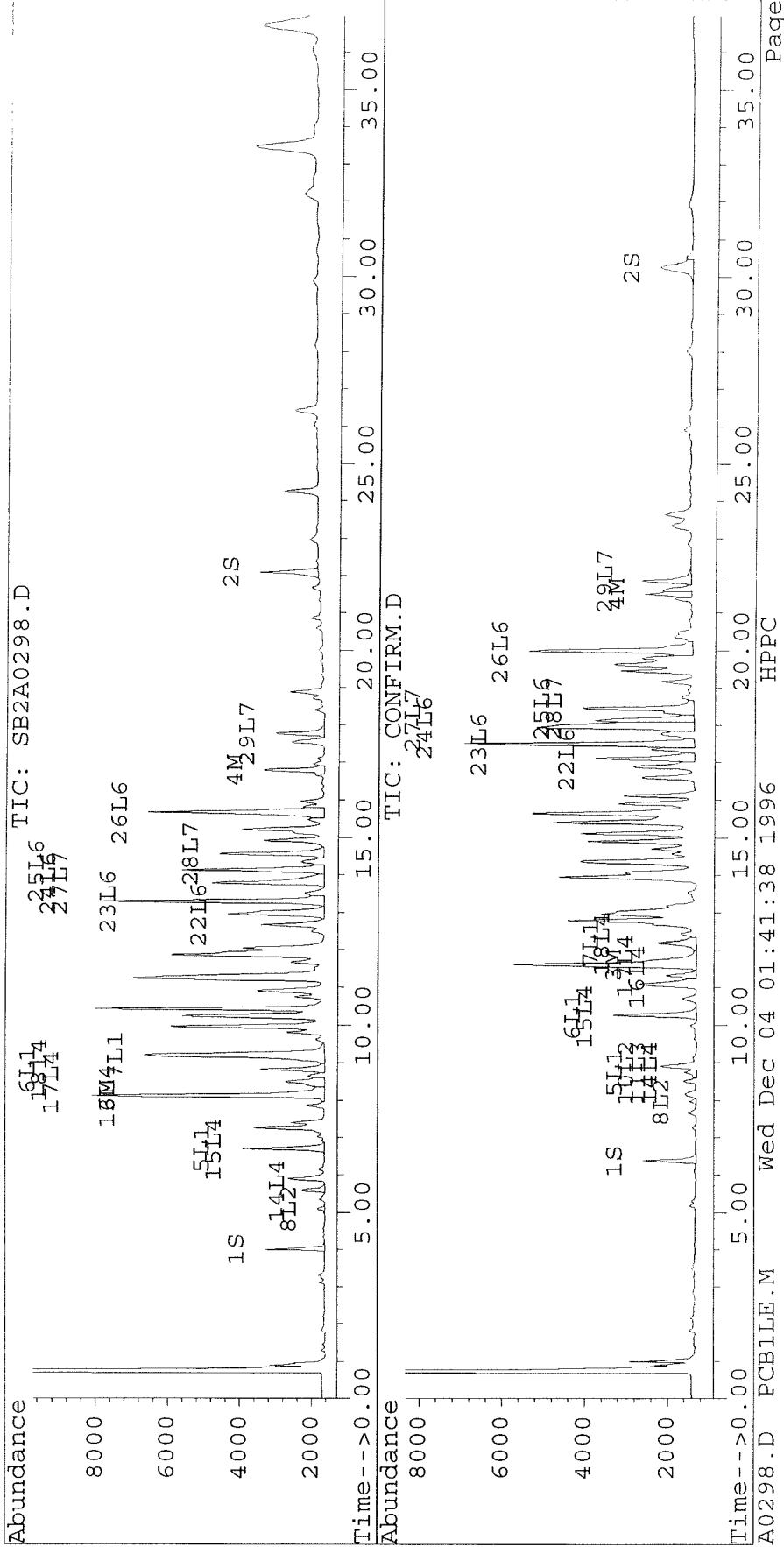
1154

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0298.D Vial: 47
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0298.D\CONFIRM.D
 Acq On : 04 Dec 96 01:02 AM Operator: JS
 Sample : 8080,VHB, C995-127, PK10 Inst : SB2
 Misc : 15.5g, 25mL, 92% Solid, 5X dilution Multiplr: 1.00
 Quant Time: Dec 4 1:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 : D:\HPCHEM\5\02Dec96\SB2A0302.D Vial: 42
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0302.D\CONFIRM.D
 Acq On : 04 Dec 96 03:44 AM Operator: JS
 Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 4 4:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	4117	3031	21.301	19.689
			Recovery	=	53.25%	49.22%
2) S Decachlorobiphenyl	22.09	30.25	2383	1176	15.058	15.883
			Recovery	=	37.65%	39.71%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	11241	7849	150.564	118.732
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	115	194	0.882	1.596 #
5) L1 Aroclor-1016	6.69	8.75	7190	3151	292.407	332.652
6) L1 Aroclor-1016 {2}	8.82	10.26	3427	6075	285.708	286.137
7) L1 Aroclor-1016 {3}	9.21	12.19	5443	3461	284.976	287.649
Total Aroclor-1016			16061	12687	863.092	906.438
Average Aroclor-1016					287.697	302.146
8) L2 Aroclor-1221	5.00f	7.98f	604	497	86.259	81.305
9) L2 Aroclor-1221 {2}	0.00	8.52f	0	683	N.D.	139.974 #
10) L2 Aroclor-1221 {3}	0.00	8.75f	0	3151	N.D.	205.266 #
Total Aroclor-1221			604	4331	86.259	426.545
Average Aroclor-1221					86.259	142.182
11) L3 Aroclor-1232	0.00	8.75f	0	3151	N.D.	219.902 #
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	3151	N.D.	219.902
Average Aroclor-1232					0.000	219.902
14) L4 Aroclor-1242	5.59	8.75	4002	3151	250.959	243.994
15) L4 Aroclor-1242 {2}	6.69	10.26	7190	6075	242.796	237.434
16) L4 Aroclor-1242 {3}	8.11	11.32	11241	2592	270.319	241.424
17) L4 Aroclor-1242 (4)	8.49	11.60	4246	7849	246.127	241.796
18) L4 Aroclor-1242 (5)	8.82	12.19	3427	3461	244.119	241.502
Total Aroclor-1242			30106	23128	1254.321	1206.150
Average Aroclor-1242					250.864	241.230
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0302.D Vial: 42
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0302.D\CONFIRM.D
 Acq On : 04 Dec 96 03:44 AM Operator: JS
 Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 4 4:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.96	17.12	769	589	32.827	28.048
23) L6 Aroclor-1254 {2}	13.29	17.51	1215	1101	24.742	23.277
24) L6 Aroclor-1254 {3}	13.78	17.94	633	664	27.333	23.133
25) L6 Aroclor-1254 (4)	14.13	0.00	773	0	25.446	N.D. #
26) L6 Aroclor-1254 (5)	15.68	19.99	225	147	6.180	4.907
Total Aroclor-1254			3615	2500	116.528	79.365
Average Aroclor-1254					23.306	19.841
27) L7 Aroclor-1260	13.78	18.13	633	108	24.928	4.472 #
28) L7 Aroclor-1260 {2}	14.57	0.00	178	0	6.160	N.D. #
29) L7 Aroclor-1260 {3}	17.79	0.00	36	0	0.880	N.D. #
Total Aroclor-1260			847	108	31.969	4.472
Average Aroclor-1260					10.656	4.472
30) L8 Aroclor-1268	18.91f	0.00	44	0	NoCal	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

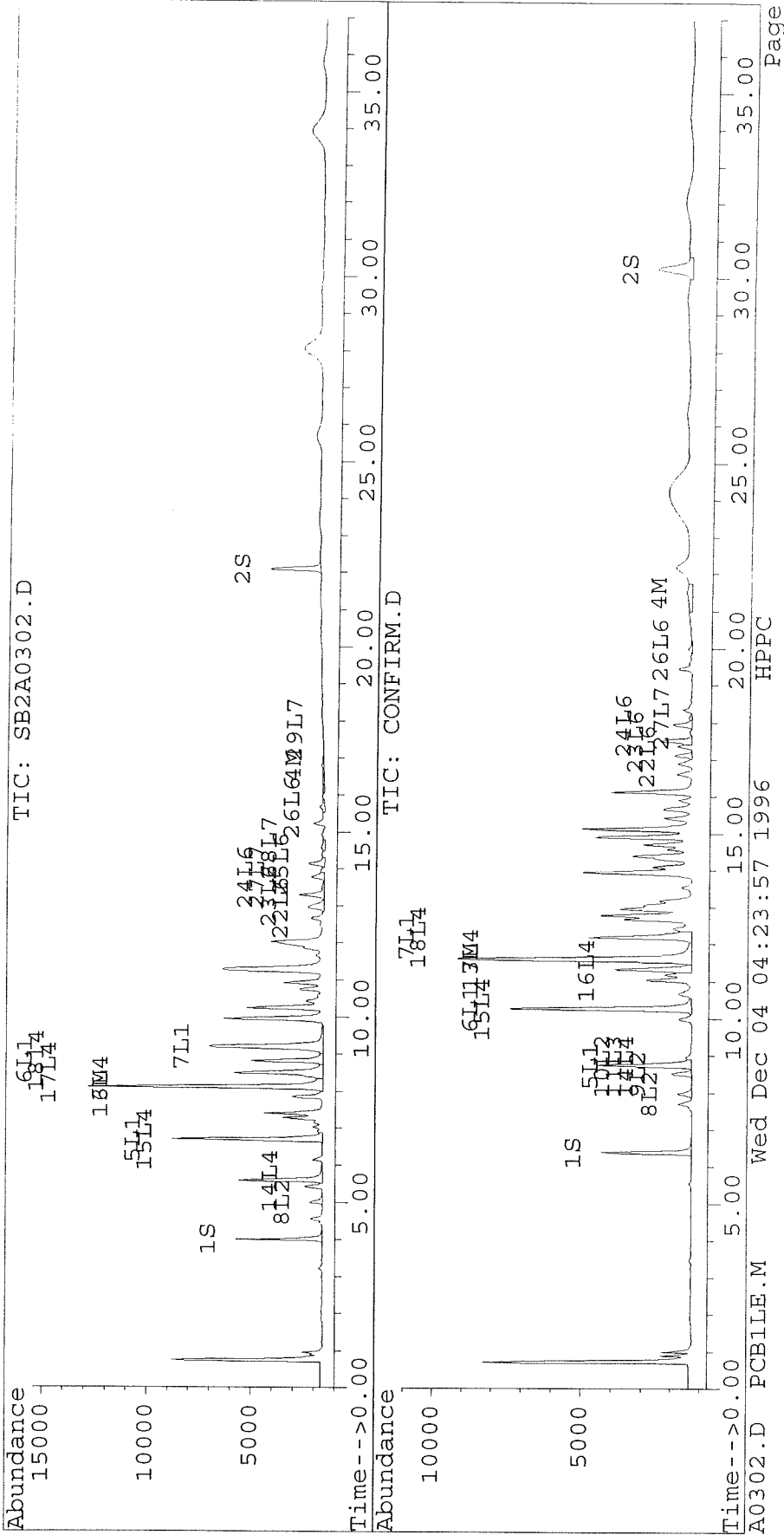
1157

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0302.D Vial: 42
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0302.D\CONFIRM.D
Acq On : 04 Dec 96 03:44 AM Operator: JS
Sample : 8080,1000ng/ul, AR1242 CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Dec 4 4:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
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 : D:\HPCHEM\5\02Dec96\SB2A0303.D Vial: 43
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0303.D\CONFIRM.D
 Acq On : 04 Dec 96 04:25 AM Operator: JS
 Sample : 8080,1000ng/ul, AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 4 5:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	4355	3197	22.532	20.770
			Recovery	=	56.33%	51.93%
2) S Decachlorobiphenyl	22.09	30.25	2500	1220	15.800	16.482
			Recovery	=	39.50%	41.21%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.60	318	197	4.254	2.979 #
4) M 2,2',3,3',4,4'-Hexa	16.80	21.51	2891	2288	22.244	18.828
5) L1 Aroclor-1016	6.70	8.74	210	36	8.545	3.828 #
6) L1 Aroclor-1016 {2}	8.82	10.27	135	152	11.253	7.138 #
7) L1 Aroclor-1016 {3}	9.17f	12.20	5487	62	287.254	5.191 #
Total Aroclor-1016			5832	250	307.053	16.158
Average Aroclor-1016					102.351	5.386
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	5.43f	0.00	25	0	4.214	N.D. #
10) L2 Aroclor-1221 {3}	5.60f	8.74f	75	36	3.689	2.362 #
Total Aroclor-1221			99	36	7.903	2.362
Average Aroclor-1221					3.952	2.362
11) L3 Aroclor-1232	5.60f	8.74f	75	36	4.087	2.531 #
12) L3 Aroclor-1232 {2}	0.00	10.27f	0	152	N.D.	12.615 #
13) L3 Aroclor-1232 {3}	0.00	12.20f	0	62	N.D.	9.007 #
Total Aroclor-1232			75	250	4.087	24.153
Average Aroclor-1232					4.087	8.051
14) L4 Aroclor-1242	5.60	8.74	75	36	4.674	2.808 #
15) L4 Aroclor-1242 {2}	6.70	10.27	210	152	7.095	5.923
16) L4 Aroclor-1242 {3}	8.11	11.33	318	53	7.637	4.894 #
17) L4 Aroclor-1242 (4)	8.49	11.60	151	197	8.728	6.068 #
18) L4 Aroclor-1242 (5)	8.82	12.20	135	62	9.615	4.359 #
Total Aroclor-1242			888	500	37.751	24.052
Average Aroclor-1242					7.550	4.810
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

1159

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0303.D
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0303.D\CONFIRM.D
 Acq On : 04 Dec 96 04:25 AM
 Sample : 8080,1000ng/ul, AR1254 CON3
 Misc :
 Quant Time: Dec 4 5:03 1996

Vial: 43
 Operator: JS
 Inst : SB2
 Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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
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	12.95	17.11	6146	5437	262.213	258.893
23) L6 Aroclor-1254 {2}	13.29	17.50	13111	12330	267.076	260.662
24) L6 Aroclor-1254 {3}	13.78	17.94	6006	7557	259.206	263.441
25) L6 Aroclor-1254 (4)	14.13	18.45	8140	4984	268.106	257.966
26) L6 Aroclor-1254 (5)	15.68	19.98	9744	7762	267.600	259.934
Total Aroclor-1254			43147	38069	1324.202	1300.895
Average Aroclor-1254					264.840	260.179
27) L7 Aroclor-1260	13.78	18.13	6006	4571	236.399	190.117
28) L7 Aroclor-1260 {2}	14.57	18.45	5422	4984	187.554	184.963
29) L7 Aroclor-1260 {3}	17.77	21.87	1338	1232	33.144	30.174
Total Aroclor-1260			12766	10786	457.098	405.254
Average Aroclor-1260					152.366	135.085
30) L8 Aroclor-1268	18.89	0.00	908	0	NoCal	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

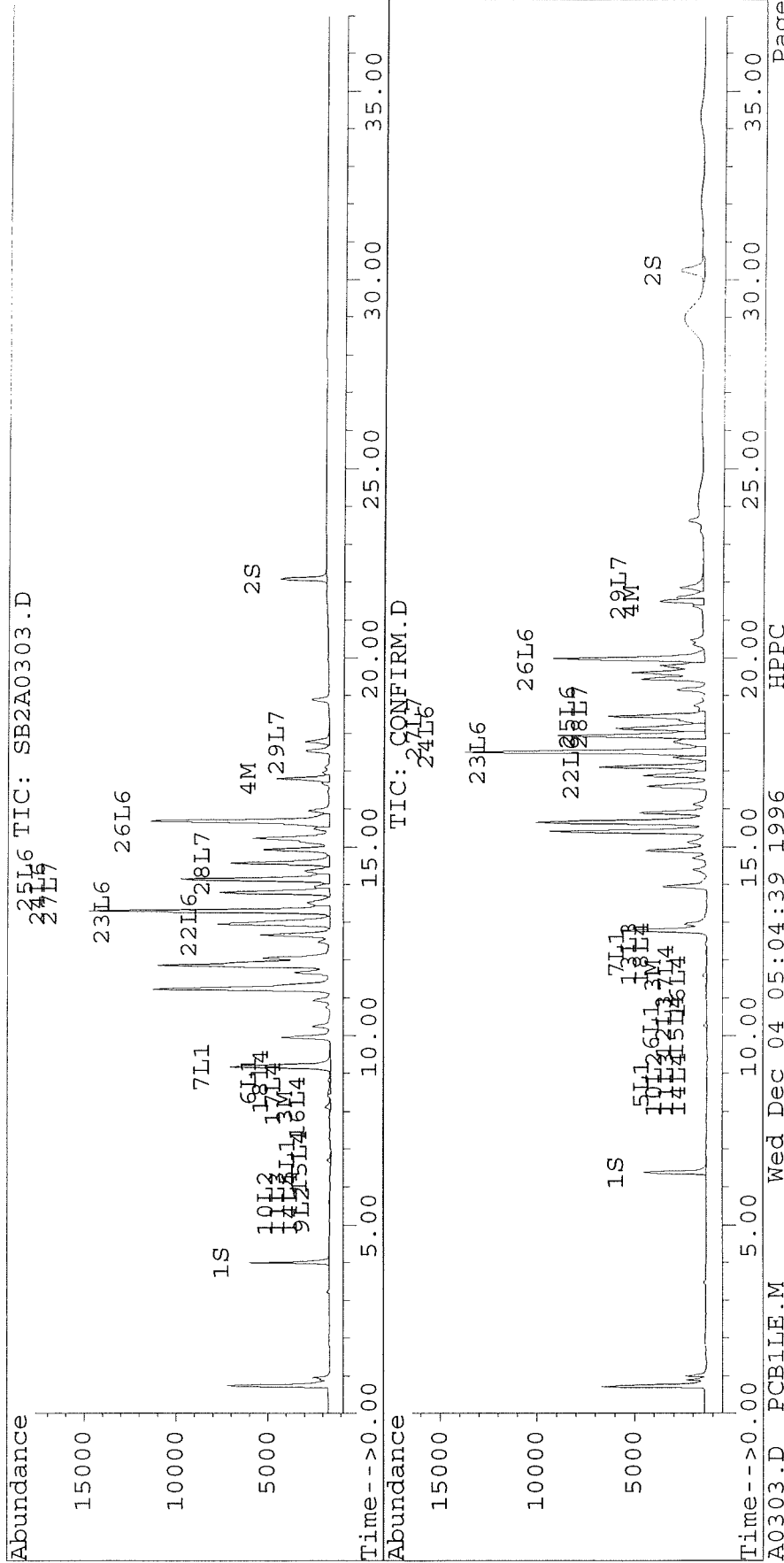
1160

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0303.D Vial: 43
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0303.D\CONFIRM.D
 Acq On : 04 Dec 96 04:25 AM Operator: JS
 Sample : 8080,1000ng/ul, AR1254 CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 4 5:03 1996

Method : C:\HPCHEM\5\METHODS\PCB11E.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 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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Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0304.D Vial: 44
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0304.D\CONFIRM.D
 Acq On : 04 Dec 96 05:05 AM Operator: JS
 Sample : 8080,250ng/ul, cogeners, CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 4 5:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	4.00	6.39	4750	3532	24.572	22.945
			Recovery	=	61.43%	57.36%
2) S Decachlorobiphenyl	22.09	30.26	3559	1654	22.494	22.337
			Recovery	=	56.24%	55.84%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.11	11.62	22460	19700	300.835	297.991
4) M 2,2',3,3',4,4'-Hexa	16.79	21.50	39058	35705	300.544	293.814
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	8.11	0.00	22460	0	540.114	N.D. #
17) L4 Aroclor-1242 (4)	0.00	11.62	0	19700	N.D.	606.856 #
18) L4 Aroclor-1242 (5)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1242			22460	19700	540.114	606.856
Average Aroclor-1242					540.114	606.856
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0304.D Vial: 44
 Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0304.D\CONFIRM.D
 Acq On : 04 Dec 96 05:05 AM Operator: JS
 Sample : 8080,250ng/ul, cogeners, CON3 Inst : SB2
 Misc : Multiplr: 1.00
 Quant Time: Dec 4 5:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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}	13.77	0.00	109	0	4.703	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			109	0	4.703	N.D.
Average Aroclor-1254					4.703	0.000
27) L7 Aroclor-1260	13.77	0.00	109	0	4.289	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			109	0	4.289	N.D.
Average Aroclor-1260					4.289	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

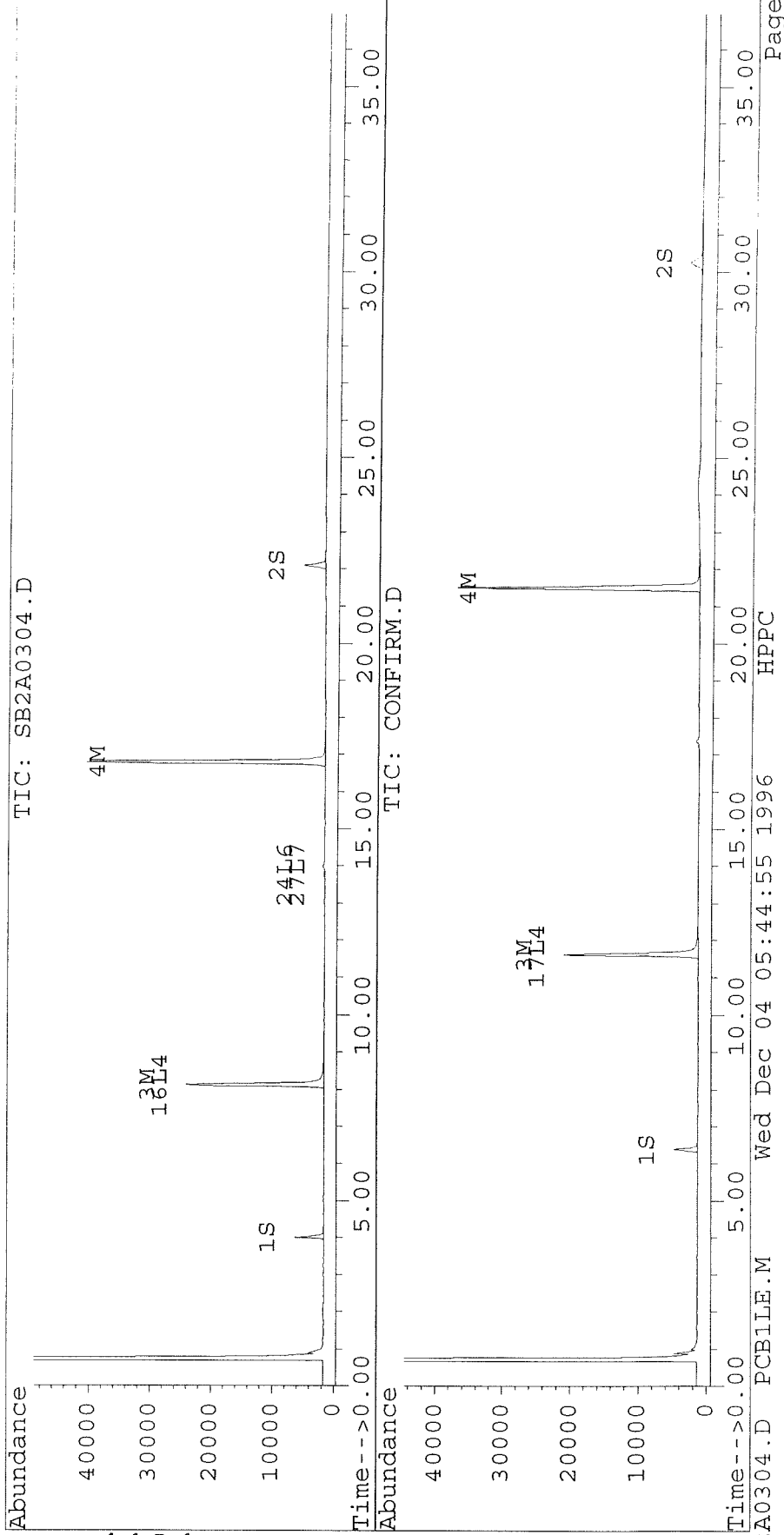
1163

Quantitation Report

Signal #1 : D:\HPCHEM\5\02Dec96\SB2A0304.D Vial: 44
Signal #2 : D:\HPCHEM\5\02Dec96\SB2A0304.D\CONFIRM.D
Acq On : 04 Dec 96 05:05 AM Operator: JS
Sample : 8080,250ng/ul, cogeners, CON3 Inst : SB2
Misc : Multiplr: 1.00
Quant Time: Dec 4 5:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
Title : PCB 5 LEVEL
Last Update : Mon Dec 02 15:10:19 1996
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



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Quantitation Report

Signal #1 : D:\HPCHEM\5\06Dec96\SB2A0338.D Vial: 2
 Signal #2 : D:\HPCHEM\5\06Dec96\SB2A0338.D\CONFIRM.D
 Acq On : 06 Dec 96 01:40 PM Operator: JS
 Sample : 8080, VHB, C995-130 Inst : SB2
 Misc : SURROGATE CHECK Multiplr: 1.00
 Quant Time: Dec 6 14:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
 Signal #1 Phase : DB-1701 Signal #2 Phase: DB-608
 Signal #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	3.97f	6.34f	3355	2595	17.358	16.859
			Recovery	=	43.40%	42.15%
2) S Decachlorobiphenyl	22.04	0.00	2701	0	17.072	N.D. #
			Recovery	=	42.68%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.07	0.00	6420	0	85.991	N.D. #
4) M 2,2',3,3',4,4'-Hexa	16.76	0.00	916	0	7.048	N.D. #
5) L1 Aroclor-1016	6.66	8.69f	1546	338	62.859	35.710 #
6) L1 Aroclor-1016 {2}	8.78f	10.21f	1989	1483	165.845	69.850 #
7) L1 Aroclor-1016 {3}	9.16f	0.00	4273	0	223.695	N.D. #
Total Aroclor-1016			7808	1821	452.399	105.560
Average Aroclor-1016					150.800	52.780
8) L2 Aroclor-1221	5.06	0.00	93	0	13.315	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			93	0	13.315	N.D.
Average Aroclor-1221					13.315	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}	8.60f	0.00	492	0	59.494	N.D. #
Total Aroclor-1232			492	0	59.494	N.D.
Average Aroclor-1232					59.494	0.000
14) L4 Aroclor-1242	5.55f	8.69f	709	338	44.481	26.192 #
15) L4 Aroclor-1242 {2}	6.66	10.21f	1546	1483	52.194	57.961
16) L4 Aroclor-1242 {3}	8.07	0.00	6420	0	154.386	N.D. #
17) L4 Aroclor-1242 (4)	8.45f	11.55f	1149	4632	66.593	142.704 #
18) L4 Aroclor-1242 (5)	8.78f	0.00	1989	0	141.704	N.D. #
Total Aroclor-1242			11813	6454	459.358	226.858
Average Aroclor-1242					91.872	75.619
19) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
20) L5 Aroclor-1248 {2}	0.00	0.00	11650	0	N.D.	N.D.

Quantitation Report

Signal #1 : D:\HPCHEM\5\06Dec96\SB2A0338.D Vial: 2
 Signal #2 : D:\HPCHEM\5\06Dec96\SB2A0338.D\CONFIRM.D
 Acq On : 06 Dec 96 01:40 PM Operator: JS
 Sample : 8080, VHB, C995-130 Inst : SB2
 Misc : SURROGATE CHECK Multiplr: 1.00
 Quant Time: Dec 6 14:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/ul	pg/ul
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	12.91f	0.00	1437	0	61.295	N.D. #
23) L6 Aroclor-1254 {2}	13.25f	0.00	3153	0	64.230	N.D. #
24) L6 Aroclor-1254 {3}	13.74f	0.00	1665	0	71.876	N.D. #
25) L6 Aroclor-1254 (4)	14.09f	0.00	2121	0	69.862	N.D. #
26) L6 Aroclor-1254 (5)	15.63f	0.00	2361	0	64.848	N.D. #
Total Aroclor-1254			10737	0	332.112	N.D.
Average Aroclor-1254					66.422	0.000
27) L7 Aroclor-1260	13.74f	0.00	1665	0	65.552	N.D. #
28) L7 Aroclor-1260 {2}	14.52f	0.00	1655	0	57.255	N.D. #
29) L7 Aroclor-1260 {3}	17.73f	0.00	916	0	22.677	N.D. #
Total Aroclor-1260			4236	0	145.485	N.D.
Average Aroclor-1260					48.495	0.000
30) L8 Aroclor-1268	18.84	23.28	664	1817	NoCal	423.110 #
31) L8 Aroclor-1268 {2}	19.01	23.56f	39	567	NoCal	NoCal
32) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	1817	N.D.	423.110
Average Aroclor-1268					0.000	423.110

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Quantitation Report

Signal #1 : D:\HPCHEM\5\06Dec96\SB2A0338.D Vial: 2
 Signal #2 : D:\HPCHEM\5\06Dec96\SB2A0338.D\CONFIRM.D
 Acq On : 06 Dec 96 01:40 PM Operator: JS
 Sample : 8080, VHB, C995-130 Inst : SB2
 Misc : SURROGATE CHECK Multiplr: 1.00
 Quant Time: Dec 6 14:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1LE.M
 Title : PCB 5 LEVEL
 Last Update : Mon Dec 02 15:10:19 1996
 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

