SR-28-0143

Appendix F - PCB Cleanup Verification Report, 5 of 5

Boliden Metech Allens Avenue Facility

Laboratory Analytical Results, Sampling Round 1

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

MITKEM CORPORATION

Client: VHB, Inc.

Client Project: 70632.13 Phase 1

(Boliden Metech, Inc.)

Lab Project No.: C0575

Date Samples Received: June 24, 1996

Project Narrative

Sixteen (16) aqueous and sixty (60) soil samples were received from VHB, Inc. on June 24, 1996 and analyzed for the parameters specified in the Chain of Custody Form. Per client's request, analyses were not performed for thirty seven (37) of the soil samples. For reference, a copy of the Mitkem Sample Log-in Sheet is included for cross-referencing the Client sample ID and laboratory sample ID.

Per project requirement, all sample chromatograms and associated calibration raw data are included in the report.

For the aqueous samples, emulsions were observed during the extraction of **DE QAQC G1:I3** and **SDE QAQC U2**. This may partially accounted for the low surrogate recoveries for the two samples. Due to an oversight, twice the normal amount of surrogates were added into **DE QAQC P1:R3**. The sample surrogate recovery has been corrected accordingly.

For the soil samples, surrogate recoveries could not be accurately determined for several samples due to either dilution or coelution of interferences.

No other unusual observation was made for the analysis.

The enclosed data package has been reviewed and is authorized for release as evidenced by the signature below.

Reinier A. Courant
QA/QC Director

Data Qualifiers:

J	Detected below the Reporting Limit
B	The analyte was detected in the associated Method Blank
D	The analyte concentration is obtained from a diluted analysis
E	The analyte concentration exceeded the calibration range

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0625-B1
Extration Date: 6/25/96
Matrix: Water

		Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0575-61	DE QAQC M1:O3	90%	60%
C0575-62	DE QAQC M4:O6	90%	60%
C0575-63	DE QAQC D4:F6	90%	65%
C0575-64	DE QAQC D7:F9	80%	45%
C0575-65	DE QAQC G10:I12	75%	60%
C0575-66	DE QAQC P1:R3	82%	32%
C0575-67	DE QAQC G1:I3	80%	40%
C0575-68	DE QAQC G7:I9	75%	45%
C0575-69	DE QAQC J1:L3	70%	45%
C0575-70	DE QAQC D1:F3	80%	30%
C0575-71	DE QAQC V7:X9	90%	50%
C0575-72	DE QAQC P4:R6	75%	50%
C0575-73	DE QAQC C1:F3	85%	50%
C0575-74	DE QAQC J10:F12	65%	40%
C0575-75	SDE QAQC U2	35%	30%
C0575-76	SDE QAQC L4	85%	70%
QA/QC			
Method Blank			
P0625-B1		85%	80%
Lab Control Sample			
P0625-L1		75%	70%

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0626-B1
Extration Date: 6/26/96
Matrix: Soil

		Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0575-51	PS10: U12	85%	82%
C0575-54	PV4: X09	80%	120%
C0575-57	PV10: X12	102%	60%
QA/QC			
Method Blank			
P0626-B1		120%	85%
Lab Control Sample			
P0626-LCS1		122%	78%

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0624-B2
Extration Date: 6/24/96
Matrix: Soil

		Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0575-01	PA4:C6	110%	150%
C0575-04	PA7:C9	88%	112%
C0575-07	PA10:C12	105%	150%
C0575-08	DA10:C12	92%	72%
C0575-10	PD4:F6	100%	200%
C0575-13	PD7:F09	98%	*
C0575-16	PD10:F12	98%	212%
C0575-19	PG4:I6	*	125%
C0575-22	PG10:I12	100%	100%
C0575-25	PJ4:L6	100%	100%
C0575-28	PJ10:I12	105%	115%
C0575-31	PM4:O6	75%	75%
C0575-34	PM7:O9	62%	62%
C0575-37	PM10:O12	62%	*
C0575-40	PP4:R6	112%	*
C0575-43	PP10:R12	75%	*
C0575-44	DP10:R12	68%	135%
C0575-46	BS10:U12	125%	85%
C0575-47	BV10:X12	110%	85%
C0575-48	PS04:U06	150%	100%
QA/QC			
Method Blank			
P0624-B2		110%	90%
Lab Control Sample			
P0624-LCS2		118%	102%
Matrix Spike Summary			
C0575-46MS		110%	82%
C0575-46MSD		118%	115%

* Surrogate recovery could not be accurately determined due to coeluting interfering peaks.

PCB Analysis - Aqueous Samples

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC M1: O3
Lab ID: C0575-61
Analysis: Method 8080

Analysis Date: 7/2/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	90%
Decachlorobiphenyl	60%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC M4: O6
Lab ID: C0575-62
Analysis: Method 8080

Analysis Date: 7/2/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	90%
Decachlorobiphenyl	60%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC D4: F6
Lab ID: C0575-63
Analysis: Method 8080

Analysis Date: 7/2/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	90%
Decachlorobiphenyl	65%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC D7: F9
Lab ID: C0575-64
Analysis: Method 8080

Analysis Date: 7/2/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	80%
Decachlorobiphenyl	45%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC G10: I12
Lab ID: C0575-65
Analysis: Method 8080

Analysis Date: 7/2/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	60%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC P1: R3
Lab ID: C0575-66
Analysis: Method 8080

Analysis Date: 7/2/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	82%
Decachlorobiphenyl	32%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC G1: I3
Lab ID: C0575-67
Analysis: Method 8080

Analysis Date: 7/2/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	80%
Decachlorobiphenyl	40%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC G7: I9
Lab ID: C0575-68
Analysis: Method 8080

Analysis Date: 7/2/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	45%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC J1: L3
Lab ID: C0575-69
Analysis: Method 8080

Analysis Date: 7/2/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	70%
Decachlorobiphenyl	45%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC D1: F3
Lab ID: C0575-70
Analysis: Method 8080

Analysis Date: 7/2/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	80%
Decachlorobiphenyl	30%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC V7: X9
Lab ID: C0575-71
Analysis: Method 8080

Analysis Date: 7/3/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	90%
Decachlorobiphenyl	50%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC P4: R6
Lab ID: C0575-72
Analysis: Method 8080

Analysis Date: 7/3/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	50%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC C1: F3
Lab ID: C0575-73
Analysis: Method 8080

Analysis Date: 7/3/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	85%
Decachlorobiphenyl	50%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC J10: F12
Lab ID: C0575-74
Analysis: Method 8080

Analysis Date: 7/3/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	65%
Decachlorobiphenyl	40%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: SDE QAQC U2
Lab ID: C0575-75
Analysis: Method 8080

Analysis Date: 7/3/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	35%
Decachlorobiphenyl	30%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: SDE QAQC L4
Lab ID: C0575-76
Analysis: Method 8080

Analysis Date: 7/3/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	85%
Decachlorobiphenyl	70%

ND = Not Detected

QC Batch: P0625-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0625-B1
Analysis: Method 8080

Analysis Date: 7/2/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	85%
Decachlorobiphenyl	80%

ND = Not Detected

QC Batch: P0625-B1

C0575-MB

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0625-L1
Analysis: Method 8080

Matrix: Water
Analysis Date for Blank Spike: 7/2/96

Analyte	% Recovery
2,4,4' Trichlorobiphenyl	86
2,2',3,3',4,4' Hexachlorobiphenyl	95

QC Batch: P0625-B1

C0575-LCS2

024

PCB Analysis - Soil Samples

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PA4: C6
Lab ID: C0575-01
Analysis: Method 8080

Analysis Date: 7/3/96
Matrix: Soil, 98% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	34
Aroclor-1221	ND	68
Aroclor-1232	ND	34
Aroclor-1242	810	34
Aroclor-1248	ND	34
Aroclor-1254	780	34
Aroclor-1260	ND	34

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	110%
Decachlorobiphenyl	150%

ND=Not Detected

QC Batch: P0624-B2

026
C0575-57

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PA7: C9
Lab ID: C0575-04
Analysis: Method 8080

Analysis Date: 7/6/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 5

Analyte	Results	Reporting Limits
Aroclor-1016	ND	180
Aroclor-1221	ND	370
Aroclor-1232	ND	180
Aroclor-1242	4,600	180
Aroclor-1248	ND	180
Aroclor-1254	3,800	180
Aroclor-1260	ND	180

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	88%
Decachlorobiphenyl	112%

ND=Not Detected

QC Batch: P0624-B2

027

C0575-04

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PA10: C12
Lab ID: C0575-07
Analysis: Method 8080

Analysis Date: 7/4/96
Matrix: Soil, 96% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	35
Aroclor-1221	ND	69
Aroclor-1232	ND	35
Aroclor-1242	290	35
Aroclor-1248	ND	35
Aroclor-1254	59	35
Aroclor-1260	ND	35

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	105%
Decachlorobiphenyl	150%

ND=Not Detected

QC Batch: P0624-B2

028

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DA10: C12
Lab ID: C0575-08
Analysis: Method 8080

Analysis Date: 7/5/96
Matrix: Soil, 98% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	34
Aroclor-1221	ND	68
Aroclor-1232	ND	34
Aroclor-1242	ND	34
Aroclor-1248	ND	34
Aroclor-1254	42	34
Aroclor-1260	ND	34

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	92%
Decachlorobiphenyl	72%

ND=Not Detected

QC Batch: P0624-B2

029

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PD4: F6
Lab ID: C0575-10
Analysis: Method 8080

Analysis Date: 7/8/96
Matrix: Soil, 96% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	350
Aroclor-1221	ND	700
Aroclor-1232	ND	350
Aroclor-1242	6,800	350
Aroclor-1248	ND	350
Aroclor-1254	4,200	350
Aroclor-1260	ND	350

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	200%

ND=Not Detected

QC Batch: P0624-B2

039

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PD7: F09
Lab ID: C0575-13
Analysis: Method 8080

Analysis Date: 7/4/96
Matrix: Soil, 95% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	35
Aroclor-1221	ND	69
Aroclor-1232	ND	35
Aroclor-1242	1,300	35
Aroclor-1248	ND	35
Aroclor-1254	510	35
Aroclor-1260	ND	35

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	98%
Decachlorobiphenyl	*

ND=Not Detected

QC Batch: P0624-B2

* Surrogate recovery could not be accurately determined due to coeluting interfering peaks

031

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PD10: F12
Lab ID: C0575-16
Analysis: Method 8080

Analysis Date: 7/4/96
Matrix: Soil, 98% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	34
Aroclor-1221	ND	68
Aroclor-1232	ND	34
Aroclor-1242	420	34
Aroclor-1248	ND	34
Aroclor-1254	300	34
Aroclor-1260	ND	34

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	98%
Decachlorobiphenyl	212%

ND=Not Detected

QC Batch: P0624-B2

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG4: I6
Lab ID: C0575-19
Analysis: Method 8080

Analysis Date: 7/8/96
Matrix: Soil, 95% solids
Concentration in: ug/kg, dry weight basis
Dilution: 50

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1,800
Aroclor-1221	ND	3,500
Aroclor-1232	ND	1,800
Aroclor-1242	53,000	1,800
Aroclor-1248	ND	1,800
Aroclor-1254	14,000	1,800
Aroclor-1260	ND	1,800

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	*
Decachlorobiphenyl	125%

ND=Not Detected

QC Batch: P0624-B2

* Surrogate recovery could not be accurately determined due to coeluting interfering peak

033

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG10: I12
Lab ID: C0575-22
Analysis: Method 8080

Analysis Date: 7/3/96
Matrix: Soil, 97% solids
Concentration in: ug/kg, dry weight basis
Dilution: 5

Analyte	Results	Reporting Limits
Aroclor-1016	ND	170
Aroclor-1221	ND	350
Aroclor-1232	ND	170
Aroclor-1242	3,300	170
Aroclor-1248	ND	170
Aroclor-1254	5,000	170
Aroclor-1260	ND	170

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0624-B2

034

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PJ4: L6
Lab ID: C0575-25
Analysis: Method 8080

Analysis Date: 7/3/96
Matrix: Soil, 95% solids
Concentration in: ug/kg, dry weight basis
Dilution: 20

Analyte	Results	Reporting Limits
Aroclor-1016	ND	700
Aroclor-1221	ND	1,400
Aroclor-1232	ND	700
Aroclor-1242	17,000	700
Aroclor-1248	ND	700
Aroclor-1254	10,000	700
Aroclor-1260	ND	700

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0624-B2

035

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PJ10: I12
Lab ID: C0575-28
Analysis: Method 8080

Analysis Date: 7/3/96
Matrix: Soil, 95% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	72
Aroclor-1232	ND	36
Aroclor-1242	2,800 D	36
Aroclor-1248	ND	36
Aroclor-1254	1,900 D	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	105%
Decachlorobiphenyl	115%

ND=Not Detected

QC Batch: P0624-B2

036

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PM4: O6
Lab ID: C0575-31
Analysis: Method 8080

Analysis Date: 7/5/96
Matrix: Soil, 89% solids
Concentration in: ug/kg, dry weight basis
Dilution: 30

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1,100
Aroclor-1221	ND	2,300
Aroclor-1232	ND	1,100
Aroclor-1242	29,000	1,100
Aroclor-1248	ND	1,100
Aroclor-1254	17,000	1,100
Aroclor-1260	ND	1,100

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0624-B2

037

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PM7: O9
Lab ID: C0575-34
Analysis: Method 8080

Analysis Date: 7/5/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 25

Analyte	Results	Reporting Limits
Aroclor-1016	ND	910
Aroclor-1221	ND	1,800
Aroclor-1232	ND	910
Aroclor-1242	18,000	910
Aroclor-1248	ND	910
Aroclor-1254	11,000	910
Aroclor-1260	ND	910

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	62%
Decachlorobiphenyl	62%

ND=Not Detected

QC Batch: P0624-B2

033

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PM10: O12
Lab ID: C0575-37
Analysis: Method 8080

Analysis Date: 7/5/96
Matrix: Soil, 93% solids
Concentration in: ug/kg, dry weight basis
Dilution: 25

Analyte	Results	Reporting Limits
Aroclor-1016	ND	890
Aroclor-1221	ND	1,800
Aroclor-1232	ND	890
Aroclor-1242	21,000	890
Aroclor-1248	ND	890
Aroclor-1254	13,000	890
Aroclor-1260	ND	890

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	62%
Decachlorobiphenyl	*

ND=Not Detected

QC Batch: P0624-B2

* Surrogate recovery could not be accurately determined due to coeluting interfering peaks

039

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PP4: R6
Lab ID: C0575-40
Analysis: Method 8080

Analysis Date: 7/5/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 15

Analyte	Results	Reporting Limits
Aroclor-1016	ND	550
Aroclor-1221	ND	1,100
Aroclor-1232	ND	550
Aroclor-1242	13,000	550
Aroclor-1248	ND	550
Aroclor-1254	6,500	550
Aroclor-1260	ND	550

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	112%
Decachlorobiphenyl	*

ND=Not Detected

QC Batch: P0624-B2

* Surrogate recovery could not be accurately determined due to coeluting interfering peaks

040

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PP10: R12
Lab ID: C0575-43
Analysis: Method 8080

Analysis Date: 7/5/96
Matrix: Soil, 96% solids
Concentration in: ug/kg, dry weight basis
Dilution: 5

Analyte	Results	Reporting Limits
Aroclor-1016	ND	170
Aroclor-1221	ND	340
Aroclor-1232	ND	170
Aroclor-1242	3,400	170
Aroclor-1248	ND	170
Aroclor-1254	2,600	170
Aroclor-1260	ND	170

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	*

ND=Not Detected

QC Batch: P0624-B2

* Surrogate recovery could not be accurately determined due to coeluting interfering peaks

041

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DP10: R12
Lab ID: C0575-44
Analysis: Method 8080

Analysis Date: 7/4/96
Matrix: Soil, 94% solids
Concentration in: ug/kg, dry weight basis
Dilution: 3

Analyte	Results	Reporting Limits
Aroclor-1016	ND	110
Aroclor-1221	ND	220
Aroclor-1232	ND	110
Aroclor-1242	2,700	170
Aroclor-1248	ND	170
Aroclor-1254	1,900	170
Aroclor-1260	ND	170

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	68%
Decachlorobiphenyl	135%

ND=Not Detected

QC Batch: P0624-B2

042

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: BS10: U12
Lab ID: C0575-46
Analysis: Method 8080

Analysis Date: 7/3/96
Matrix: Soil, 98 % solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	66
Aroclor-1232	ND	33
Aroclor-1242	ND	33
Aroclor-1248	ND	33
Aroclor-1254	ND	33
Aroclor-1260	ND	33

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	125%
Decachlorobiphenyl	85%

ND=Not Detected

QC Batch: P0624-B2

043

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: BV10: X12
Lab ID: C0575-47
Analysis: Method 8080

Analysis Date: 7/3/96
Matrix: Soil, 99 % solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	66
Aroclor-1232	ND	33
Aroclor-1242	ND	33
Aroclor-1248	ND	33
Aroclor-1254	ND	33
Aroclor-1260	ND	33

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	110%
Decachlorobiphenyl	85%

ND=Not Detected

QC Batch: P0624-B2

044

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PS04: U06
Lab ID: C0575-48
Analysis: Method 8080

Analysis Date: 7/8/96
Matrix: Soil, 94% solids
Concentration in: ug/kg, dry weight basis
Dilution: 20

Analyte	Results	Reporting Limits
Aroclor-1016	ND	700
Aroclor-1221	ND	1,400
Aroclor-1232	ND	700
Aroclor-1242	11,000	700
Aroclor-1248	ND	700
Aroclor-1254	9,200	700
Aroclor-1260	ND	700

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	150%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0624-B2

045

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0624-B2
Analysis: Method 8080

Analysis Date: 7/3/96
Matrix: Soil
Concentration in: ug/kg
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	66
Aroclor-1232	ND	33
Aroclor-1242	ND	33
Aroclor-1248	ND	33
Aroclor-1254	ND	33
Aroclor-1260	ND	33

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	110%
Decachlorobiphenyl	90%

ND=Not Detected

QC Batch: P0624-B2

046

C0575-MB

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0624-LCS2
Analysis: Method 8080

Matrix: Soil
Analysis Date for Blank Spike: 7/3/96

Analyte	% Recovery
2,4,4' -Trichlorobiphenyl	104
2,2',3,3',4,4'-Hexachlorobiphenyl	124

QC Batch: P0624-B2

047
C0575-LCS1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Matrix Spike Summary

Client: VHB, Inc.
Client ID: BS10: U12
Lab ID for Matrix Spike: C0575-46MS
Lab ID for Matrix Spike Duplicate: C0575-46MSD
Analysis: Method 8080

Matrix: Soil

Analysis Date for Matrix Spike: 7/3/96
Analysis Date for Matrix Spike Duplicate: 7/3/96

% Recovery

Analyte	Matrix Spike	Matrix Spike Dup.	% RPD
2,4,4'-Trichlorobiphenyl	97	106	9
2,2',3,3',4,4'-Hexachlorobiphenyl	108	121	11

QC Batch: P0624-B2

048

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PS10: U12
Lab ID: C0575-51
Analysis: Method 8080

Analysis Date: 7/5/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	37
Aroclor-1221	ND	74
Aroclor-1232	ND	37
Aroclor-1242	720	37
Aroclor-1248	ND	37
Aroclor-1254	820	37
Aroclor-1260	ND	37

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	85%
Decachlorobiphenyl	82%

ND=Not Detected

QC Batch: P0626-B1

049

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PV4: X09
Lab ID: C0575-54
Analysis: Method 8080

Analysis Date: 7/5/96
Matrix: Soil, 93% solids
Concentration in: ug/kg, dry weight basis
Dilution: 4

Analyte	Results	Reporting Limits
Aroclor-1016	ND	140
Aroclor-1221	ND	290
Aroclor-1232	ND	140
Aroclor-1242	3,500	140
Aroclor-1248	ND	140
Aroclor-1254	1,800	140
Aroclor-1260	ND	140

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	80%
Decachlorobiphenyl	120%

ND=Not Detected

QC Batch: P0626-B1

059

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PV10: X12
Lab ID: C0575-57
Analysis: Method 8080

Analysis Date: 7/3/96
Matrix: Soil, 94% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	35
Aroclor-1221	ND	70
Aroclor-1232	ND	35
Aroclor-1242	640	35
Aroclor-1248	ND	35
Aroclor-1254	330	35
Aroclor-1260	ND	35

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	102%
Decachlorobiphenyl	60%

ND=Not Detected

QC Batch: P0626-B1

051

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0626-B1
Analysis: Method 8080

Analysis Date: 7/5/96
Matrix: Soil
Concentration in: ug/kg
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	66
Aroclor-1232	ND	33
Aroclor-1242	ND	33
Aroclor-1248	ND	33
Aroclor-1254	ND	33
Aroclor-1260	ND	33

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	120%
Decachlorobiphenyl	85%

ND=Not Detected

QC Batch: P0626-B1

052

C0575-MB

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0626-LCS1
Analysis: Method 8080

Matrix: Soil
Analysis Date for Blank Spike: 7/8/96

Analyte	% Recovery
2,4,4' -Trichlorobiphenyl	106
2,2',3,3',4,4'-Hexachlorobiphenyl	114

QC Batch: P0626-B1

053

Sample (Soil) Chromatograms

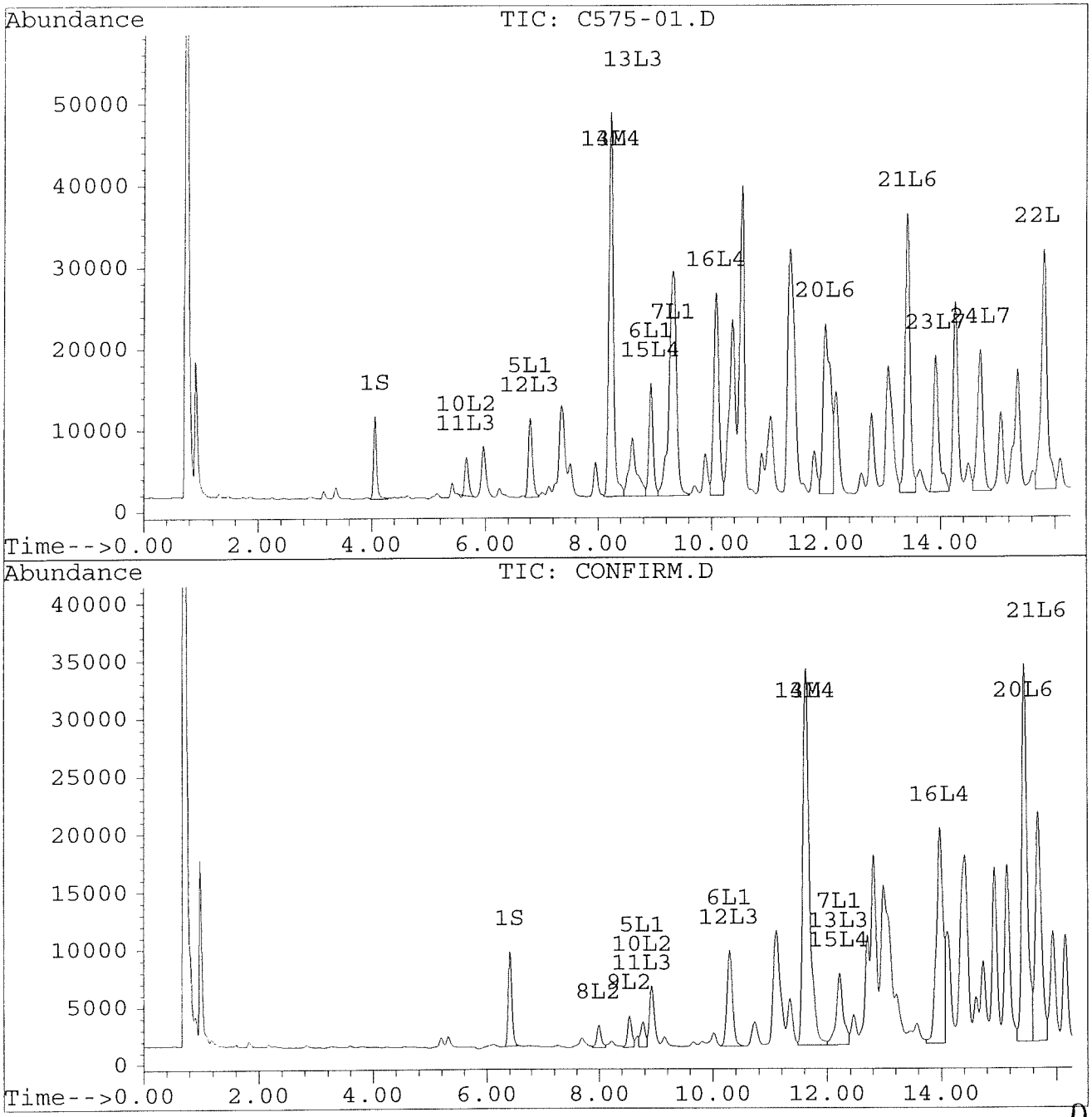
- Samples
- Blanks
- Lab Control Samples
- Matrix Spikes (if applicable)
- Bench Sheets

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-01.D Vial: 39
Signal #2 : D:\HPCHEM\5\JL02\C575-01.D\CONFIRM.D
Acq On : 03 Jul 96 11:33 AM Operator: JS
Sample : VHB / PA4:C6 Inst : ECD1
Misc : 30.5G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



055

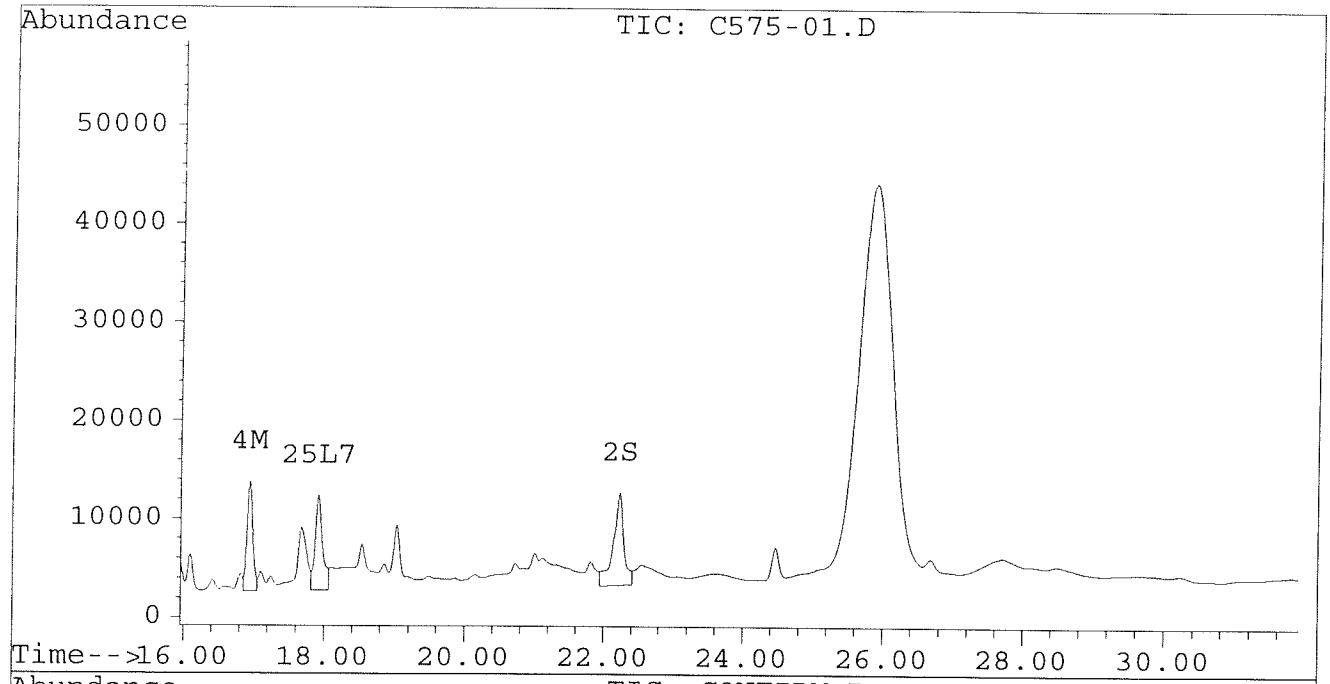
Quantitation Report

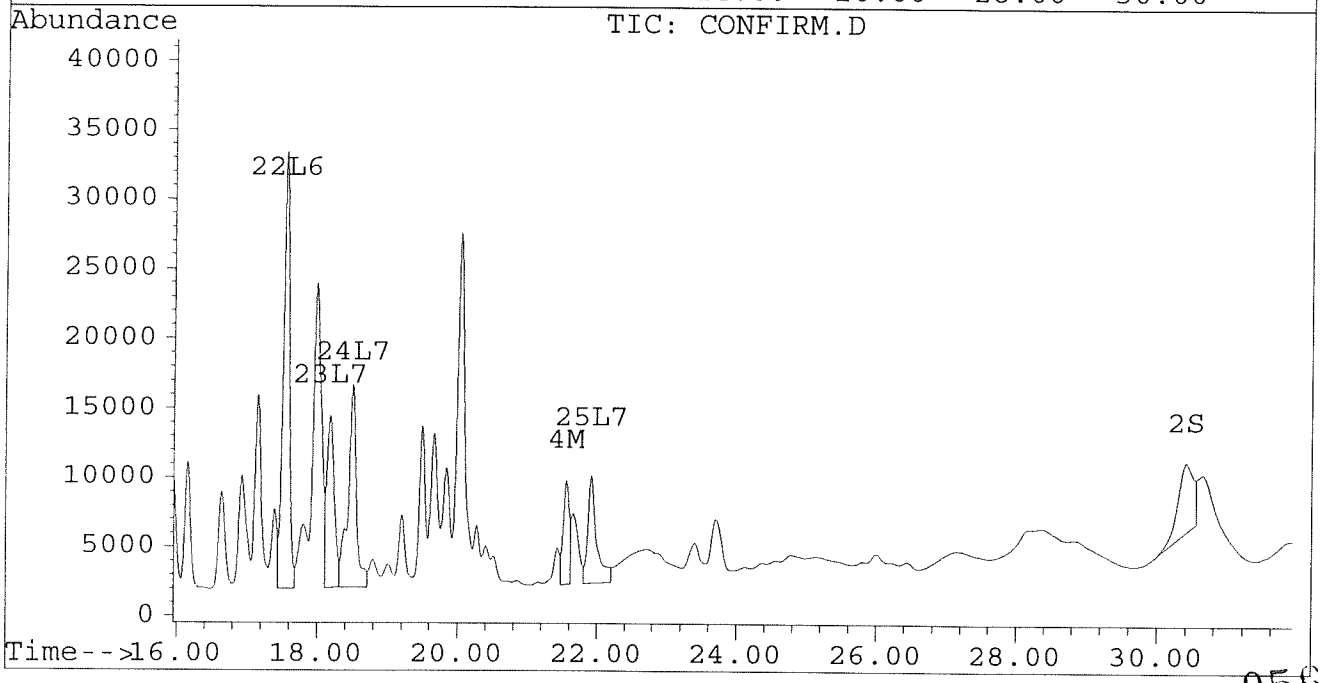
Signal #1 : D:\HPCHEM\5\JL02\C575-01.D
Signal #2 : D:\HPCHEM\5\JL02\C575-01.D\CONFIRM.D
Acq On : 03 Jul 96 11:33 AM
Sample : VHB / PA4:C6
Misc : 30.5G/10ML 96% SOLID PCB ANALYSIS
Quant Time: Jul 5 11:40 1996

Vial: 39
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-01.D Vial: 39
Signal #2 : D:\HPCHEM\5\JL02\C575-01.D\CONFIRM.D
Acq On : 03 Jul 96 11:33 AM Operator: JS
Sample : VHB / PA4:C6 Inst : ECD1
Misc : 30.5G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	10203	8268	0.045	0.044
					Recovery	=	112.50%	~~110.00%~~
2)	S	Decachlorobiphenyl	22.23	30.41	9366	4920	0.046	0.060 #
					Recovery	=	115.00%	~~150.00%~~
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.21	11.63	47108	32670	0.463	0.322 #
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.56	11145	7475	0.121	0.056 #
5)	L1	Aroclor-1016	6.79	8.77	9693	2206	0.317	0.168 #
6)	L1	Aroclor-1016 {2}	8.93	10.29	13847	8335	0.920	0.311 #
7)	L1	Aroclor-1016 {3}	9.32	12.21	27648	6205	1.129	0.373 #
	Total	Aroclor-1016			51188	16746	2.366	0.851
Average		Aroclor-1016					0.789	0.284
8)	L2	Aroclor-1221	0.00	7.99	0	1949	N.D.	0.465 #
9)	L2	Aroclor-1221 {2}	0.00	8.53	0	2738	N.D.	0.814 #
10)	L2	Aroclor-1221 {3}	5.66	8.77	4767	2206	0.344	0.215 #
	Total	Aroclor-1221			4767	6893	0.344	1.494
Average		Aroclor-1221					0.344	0.498
11)	L3	Aroclor-1232	5.66	8.77	4767	2206	0.397	0.243 #
12)	L3	Aroclor-1232 {2}	6.79	10.29	9693	8335	1.112	1.113
13)	L3	Aroclor-1232 {3}	8.60	12.21	7191	6205	1.369	1.447
	Total	Aroclor-1232			21652	16746	2.878	2.804
Average		Aroclor-1232					0.959	0.935
14)	L4	Aroclor-1242	8.21	11.63	47108	32670	1.255	1.120
15)	L4	Aroclor-1242 {2}	8.93	12.21	13847	6205	1.250	~~0.493 #~~
16)	L4	Aroclor-1242 {3}	10.07	13.98	24881	18634	1.699	~~1.493~~
	Total	Aroclor-1242			85835	57509	4.204	3.106
Average		Aroclor-1242					1.401	1.035
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1248			0	0	N.D.	N.D.
Average		Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-01.D Vial: 39
Signal #2 : D:\HPCHEM\5\JL02\C575-01.D\CONFIRM.D
Acq On : 03 Jul 96 11:33 AM Operator: JS
Sample : VHB / PA4:C6 Inst : ECD1
Misc : 30.5G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.45	20950	32733	0.784	~~1.271~~ #
21) L6	Aroclor-1254 {2}	13.42	15.68	34309	19881	1.037	0.716 #
22) L6	Aroclor-1254 {3}	15.81	17.54	29516	31389	1.275	0.840 #
Total	Aroclor-1254			84775	84003	3.096	2.827
Average	Aroclor-1254					1.032	0.942
23) L7	Aroclor-1260	13.92	18.18	16794	12425	0.587	0.414 #
24) L7	Aroclor-1260 {2}	14.70	18.49	17389	14629	0.567	0.444
25) L7	Aroclor-1260 {3}	17.91	21.91	9617	7762	0.253	0.166 #
Total	Aroclor-1260			43799	34816	1.406	1.024
Average	Aroclor-1260					0.469	0.341
26) L8	Aroclor-1268	18.85	0.00	2530	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	6418	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.81	0.00	2410	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

053

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-04A.D Vial: 16
Signal #2 : D:\HPCHEM\5\JL02\C575-04A.D\CONFIRM.D
Acq On : 06 Jul 96 00:15 AM Operator: JS
Sample : VHB / PA7:C9 1:5 DIL Inst : ECD1
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 10:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	1312	1340	0.006	0.007
					Recovery	=	15.00%	17.50%
2)	S	Decachlorobiphenyl	22.15f	30.41	2860	775	0.014m	0.009m#
					Recovery	=	35.00%	22.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.64	47155	34174	0.463	0.337 #
4)	M	2,2',3,3',4,4'-Hexa	16.94	0.00	11551	0	0.125	N.D. #
5)	L1	Aroclor-1016	6.79	8.77	11385	2176	0.373	0.165 #
6)	L1	Aroclor-1016 {2}	8.93	10.30	13465	9917	0.895	0.370 #
7)	L1	Aroclor-1016 {3}	9.32	12.22	25567	6539	1.044	0.393 #
		Total Aroclor-1016			50417	18631	2.311	0.928
		Average Aroclor-1016					0.770	0.309
8)	L2	Aroclor-1221	5.08	8.00	440	793	0.091	0.189 #
9)	L2	Aroclor-1221 {2}	5.50	8.54	524	1440	0.129	0.428 #
10)	L2	Aroclor-1221 {3}	5.67	8.77	4212	2176	0.304	0.212 #
		Total Aroclor-1221			5177	4409	0.524	0.829
		Average Aroclor-1221					0.175	0.276
11)	L3	Aroclor-1232	5.67	8.77	4212	2176	0.351	0.240 #
12)	L3	Aroclor-1232 {2}	6.79	10.30	11385	9917	1.306	1.325
13)	L3	Aroclor-1232 {3}	8.60	12.22	7282	6539	1.387	1.525
		Total Aroclor-1232			22879	18631	3.043	3.089
		Average Aroclor-1232					1.014	1.030
14)	L4	Aroclor-1242	8.22	11.64	47155	34174	1.256	1.171
15)	L4	Aroclor-1242 {2}	8.93	12.22	13465	6539	1.215	0.520 #
16)	L4	Aroclor-1242 {3}	10.07	13.99	22912	17706	1.565	1.418
		Total Aroclor-1242			83531	58419	4.036	3.109
		Average Aroclor-1242					1.345	1.036
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-04A.D Vial: 16
Signal #2 : D:\HPCHEM\5\JL02\C575-04A.D\CONFIRM.D
Acq On : 06 Jul 96 00:15 AM Operator: JS
Sample : VHB / PA7:C9 1:5 DIL Inst : ECD1
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 10:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.45	18864	15963	0.706	0.620
21) L6	Aroclor-1254 {2}	13.42	15.69	30620	18347	0.926	0.661 #
22) L6	Aroclor-1254 {3}	15.81	17.54	26339	27049	1.138	0.724 #
Total	Aroclor-1254			75823	61358	2.769	2.005
Average	Aroclor-1254					0.923	0.668
23) L7	Aroclor-1260	13.92	18.18	14748	11245	0.515	0.375 #
24) L7	Aroclor-1260 {2}	14.70	18.50	14003	13377	0.456	0.406
25) L7	Aroclor-1260 {3}	17.91	21.91	7740	7536	0.203	0.161
Total	Aroclor-1260			36491	32158	1.175	0.942
Average	Aroclor-1260					0.392	0.314
26) L8	Aroclor-1268	0.00	23.32	0	3760	N.D.	NoCal
27) L8	Aroclor-1268 {2}	19.02	23.49	7731	4007	NoCal	NoCal
28) L8	Aroclor-1268 {3}	21.80	28.12	5754	1152	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR1242

1.171
0.520
1.691 µg/mL × 10mL / (.0362 × .91 × .666 g) = 923 µg/kg × 5

920 = 4600

AR1254

0.661
0.724
1.385 × 10 / (0.0362 × .91 × .666) = 756 × 5 (760)

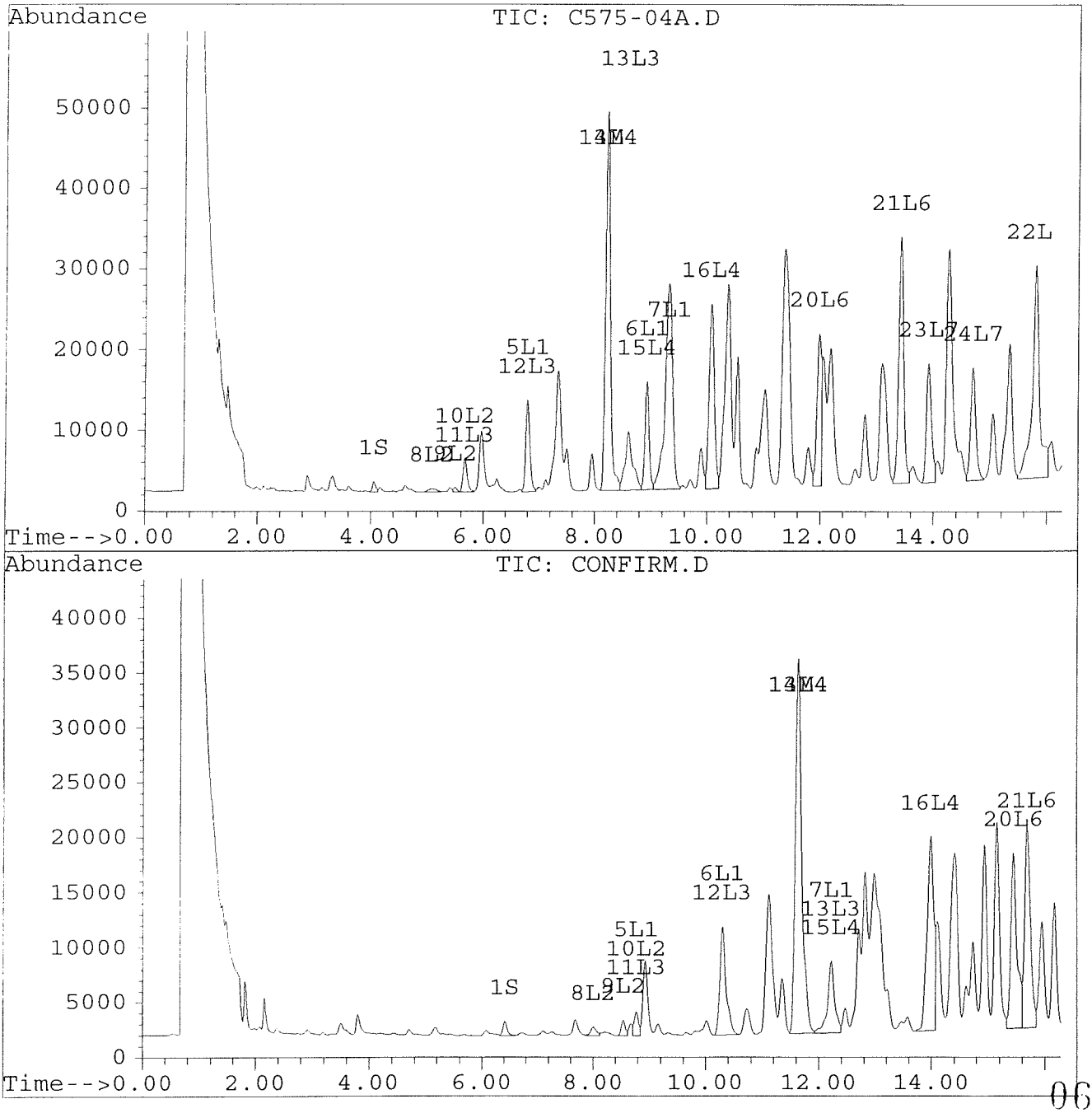
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-04A.D Vial: 16
Signal #2 : D:\HPCHEM\5\JL02\C575-04A.D\CONFIRM.D
Acq On : 06 Jul 96 00:15 AM Operator: JS
Sample : VHB / PA7:C9 1:5 DIL Inst : ECD1
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 10:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



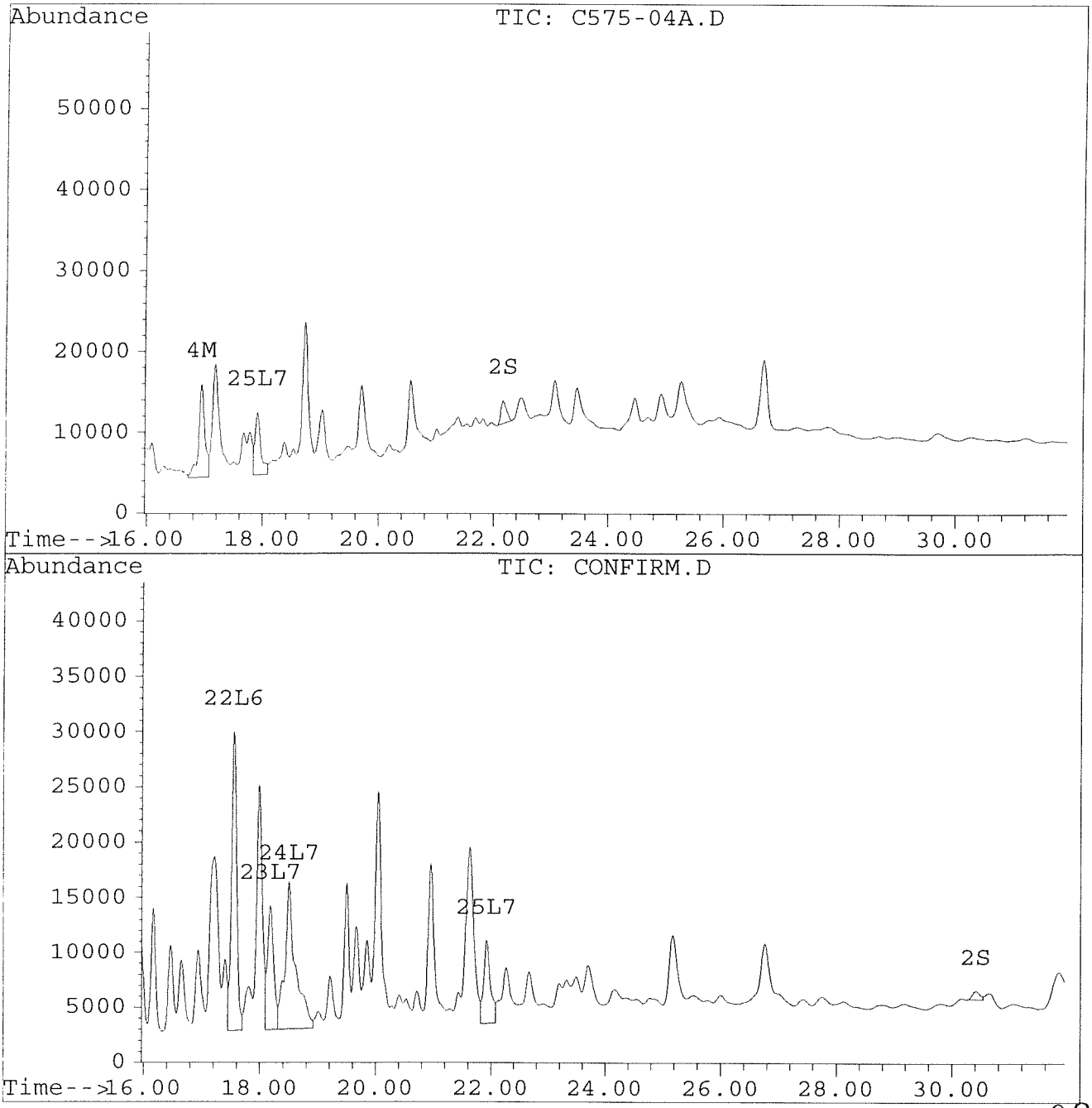
061

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-04A.D Vial: 16
Signal #2 : D:\HPCHEM\5\JL02\C575-04A.D\CONFIRM.D
Acq On : 06 Jul 96 00:15 AM Operator: JS
Sample : VHB / PA7:C9 1:5 DIL Inst : ECD1
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 10:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-07.D Vial: 59
Signal #2 : D:\HPCHEM\5\JL02\C575-07.D\CONFIRM.D
Acq On : 04 Jul 96 05:24 AM Operator: JS
Sample : VHB / PA7:C9/2 Inst : ECD1
Misc : 30.2G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 10:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.06	6.42	7443	7804	0.033m	0.042m#
				Recovery	=	82.50%	105.00%
2)	S Decachlorobiphenyl	22.24	30.41	6537	4927	0.032m	0.060m#
				Recovery	=	80.00%	150.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.26	0.00	6468	0	0.064	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	6.78	0.00	532	0	0.017	N.D. #
6)	L1 Aroclor-1016 {2}	8.92	10.25f	958	671	0.064	0.025 #
7)	L1 Aroclor-1016 {3}	0.00	12.27f	0	4690	N.D.	0.282 #
	Total Aroclor-1016			1490	5362	0.081	0.307
	Average Aroclor-1016					0.041	0.154
8)	L2 Aroclor-1221	5.01f	7.96	361	679	0.075	0.162 #
9)	L2 Aroclor-1221 {2}	0.00	8.54	0	1754	N.D.	0.522 #
10)	L2 Aroclor-1221 {3}	5.66	8.72	3268	321	0.236	0.031 #
	Total Aroclor-1221			3629	2754	0.310	0.715
	Average Aroclor-1221					0.155	0.238
11)	L3 Aroclor-1232	5.66	8.72	3268	321	0.272	0.035 #
12)	L3 Aroclor-1232 {2}	6.78	10.25	532	671	0.061	0.090 #
13)	L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1232			3800	992	0.333	0.125
	Average Aroclor-1232					0.167	0.063
14)	L4 Aroclor-1242	8.26f	11.57f	6468	6057	0.172	0.208m
15)	L4 Aroclor-1242 {2}	8.92	12.27f	958	4339	0.086	0.345m#
16)	L4 Aroclor-1242 {3}	10.04f	14.00	3766	2853	0.257	0.229m
	Total Aroclor-1242			11192	13249	0.516	0.781
	Average Aroclor-1242					0.172	0.260
17)	L5 Aroclor-1248	9.44f	0.00	2153	0	0.113	N.D. #
18)	L5 Aroclor-1248 {2}	10.15	0.00	2489	0	0.157	N.D. #
19)	L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			4642	0	0.270	N.D.
	Average Aroclor-1248					0.135	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-07.D
Signal #2 : D:\HPCHEM\5\JL02\C575-07.D\CONFIRM.D
Acq On : 04 Jul 96 05:24 AM
Sample : VHB / PA7:C9 (6)
Misc : 30.2G/10ML 96% SOLID PCB ANALYSIS
Quant Time: Jul 8 10:49 1996

Vial: 59
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.00	15.44	2052	1519	0.077	0.059m
21) L6	Aroclor-1254 {2}	13.40	15.67	7251	1548	0.219	0.056m#
22) L6	Aroclor-1254 {3}	15.82	17.57	9163	2134	0.396	0.057m#
Total	Aroclor-1254			18466	5201	0.692	0.172
Average	Aroclor-1254					0.231	0.057
23) L7	Aroclor-1260	13.94	18.16	1811	11426	0.063	0.381 #
24) L7	Aroclor-1260 {2}	0.00	18.45f	0	7734	N.D.	0.235 #
25) L7	Aroclor-1260 {3}	0.00	21.93	0	8195	N.D.	0.176 #
Total	Aroclor-1260			1811	27355	0.063	0.791
Average	Aroclor-1260					0.063	0.264
26) L8	Aroclor-1268	0.00	23.29	0	14998	N.D.	NoCal
27) L8	Aroclor-1268 {2}	18.97f	23.49	24118	18529	NoCal	NoCal
28) L8	Aroclor-1268 {3}	21.82	0.00	19334	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

$$\frac{0.208 + 0.345}{0.553 \times 10} = \frac{0.553 \times 10}{0.0302 \times .96 \times .666} = 286$$

290

$$\frac{0.056 + 0.057}{0.113 \times 10} = \frac{0.113 \times 10}{0.0302 \times .96 \times .466} = 58.5$$

59

064

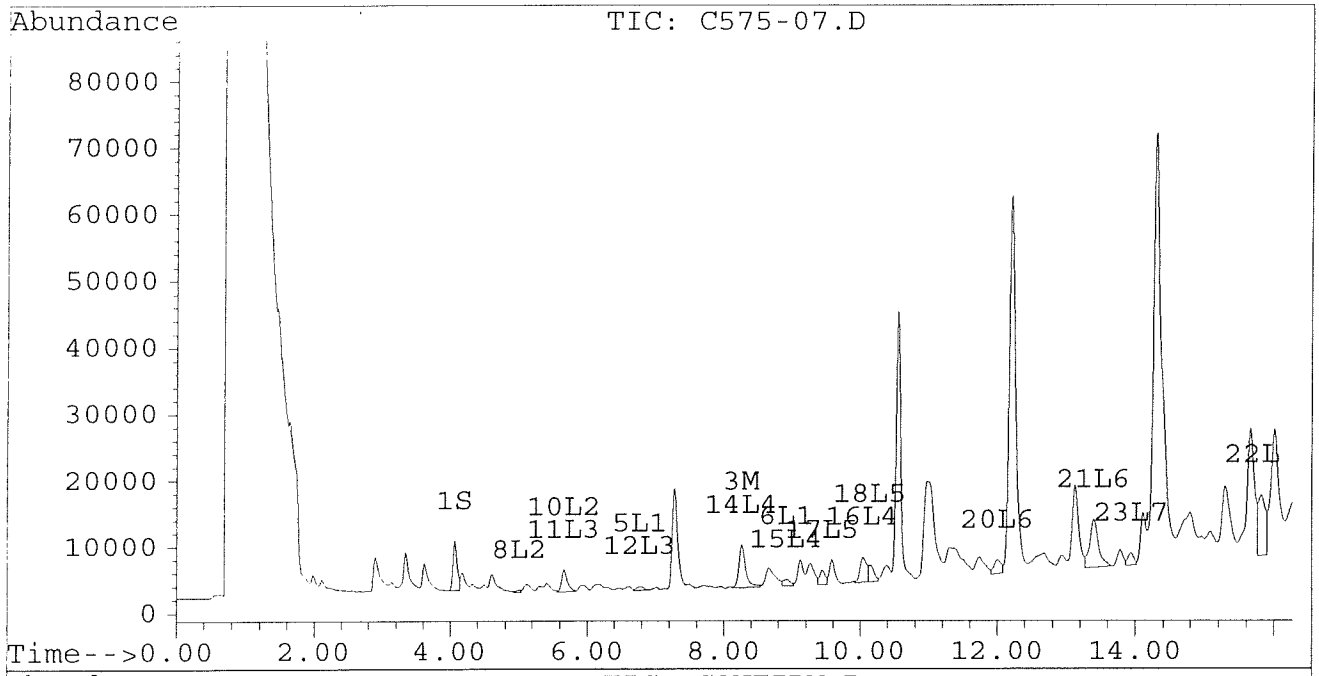
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

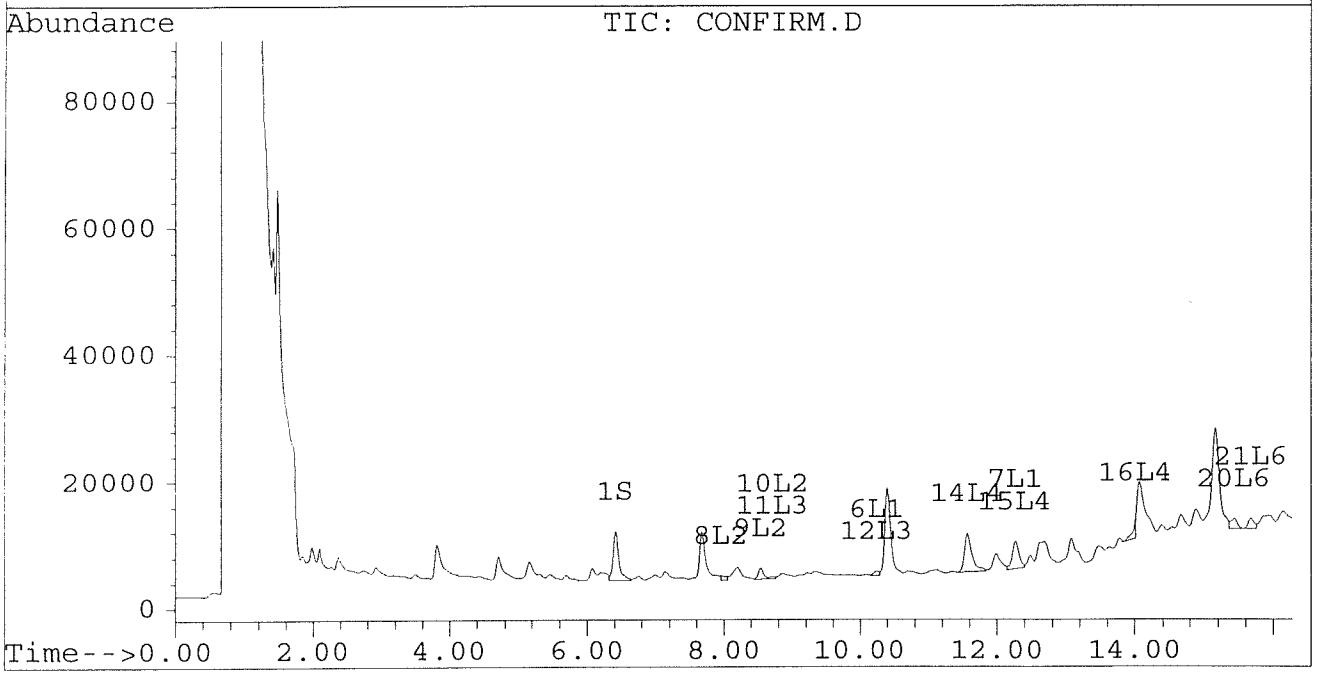
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-07.D Vial: 59
Signal #2 : D:\HPCHEM\5\JL02\C575-07.D\CONFIRM.D
Acq On : 04 Jul 96 05:24 AM Operator: JS
Sample : VHB / PA710 C575 Inst : ECD1
Misc : 30.2G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 10:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





065

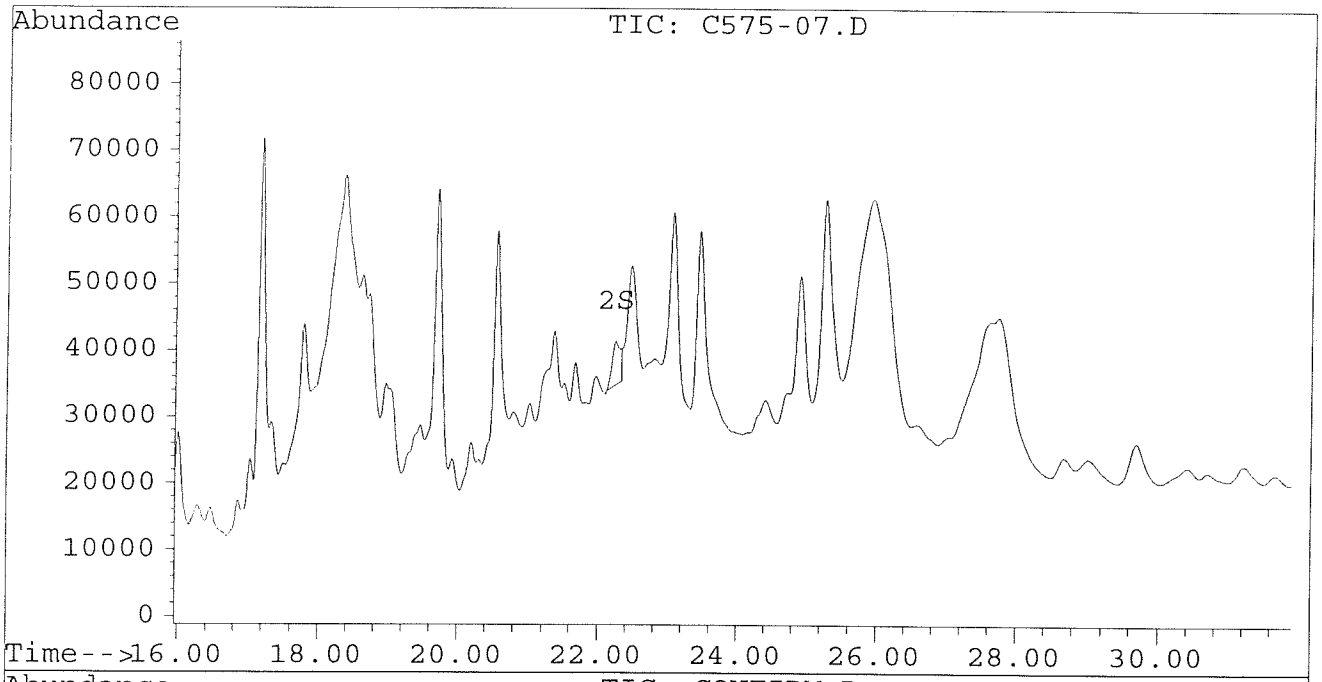
Quantitation Report

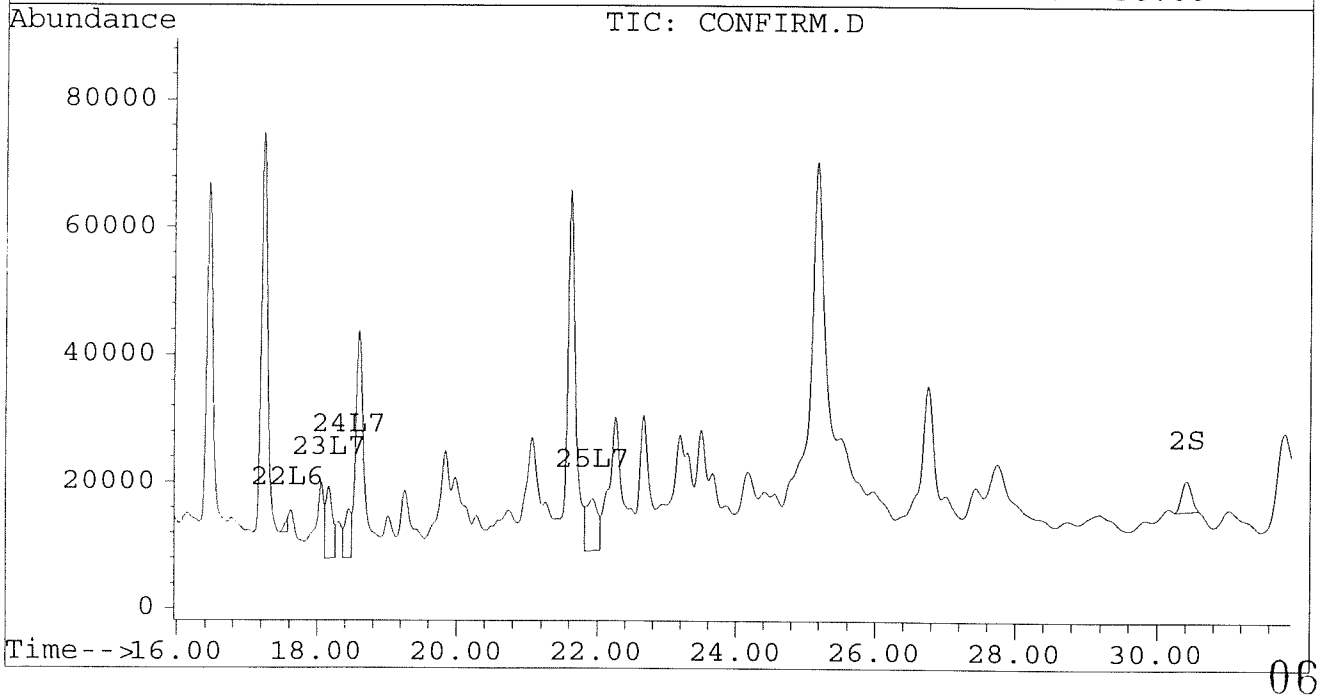
Signal #1 : D:\HPCHEM\5\JL02\C575-07.D
Signal #2 : D:\HPCHEM\5\JL02\C575-07.D\CONFIRM.D
Acq On : 04 Jul 96 05:24 AM
Sample : VHB / PA7:C910
Misc : 30.2G/10ML 96% SOLID PCB ANALYSIS
Quant Time: Jul 8 10:49 1996

Vial: 59
Operator: JS
Inst : ECD1
Multiplr: 1.00

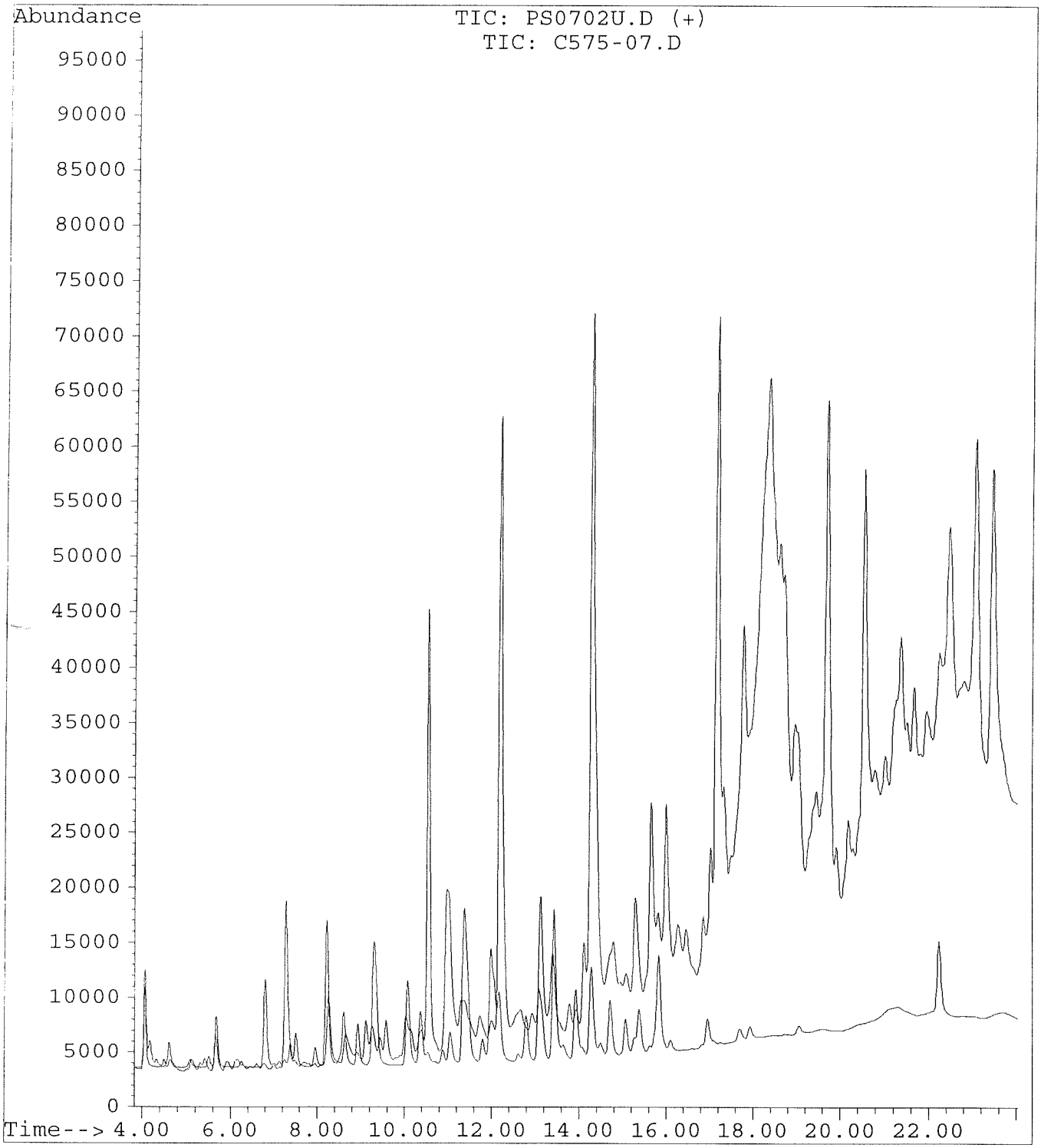
Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





File : D:\HPCHEM\5\JL02\C575-07.D
Operator : JS
Acquired : 04 Jul 96 05:24 AM using AcqMethod PCB1E.MTH
Instrument : ECD1
Sample Name: VHB / PA7:C9 10 12
Misc Info : 30.2G/10ML 96% SOLID PCB ANALYSIS
Vial Number: 59



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-08A.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL02\C575-08A.D\CONFIRM.D
Acq On : 05 Jul 96 05:08 PM Operator: JS
Sample : VHB / DA10:C12 RERUN Inst : ECD1
Misc : 30.1G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 10:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.04	6.41	7988	6967	0.035	0.037
				Recovery	=	87.50%	92.50%
2) S	Decachlorobiphenyl	22.23	30.38	6464	2396	0.032m	0.029m
				Recovery	=	80.00%	72.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.64	1408	925	0.014	0.009 #
4) M	2,2',3,3',4,4'-Hexa	16.94	21.56	1097	1297	0.012	0.010
5) L1	Aroclor-1016	6.79	8.72f	315	169	0.010	0.013
6) L1	Aroclor-1016 {2}	8.93	10.30	345	301	0.023	0.011 #
7) L1	Aroclor-1016 {3}	9.31	12.22	911	226	0.037	0.014 #
Total	Aroclor-1016			1571	696	0.070	0.038
Average	Aroclor-1016					0.023	0.013
8) L2	Aroclor-1221	0.00	7.99	0	142	N.D.	0.034 #
9) L2	Aroclor-1221 {2}	0.00	8.53	0	1896	N.D.	0.564 #
10) L2	Aroclor-1221 {3}	5.64	8.72	2128	169	0.153	0.016 #
Total	Aroclor-1221			2128	2206	0.153	0.614
Average	Aroclor-1221					0.153	0.205
11) L3	Aroclor-1232	5.64	8.72	2128	169	0.177	0.019 #
12) L3	Aroclor-1232 {2}	6.79	10.30	315	301	0.036	0.040
13) L3	Aroclor-1232 {3}	8.60	12.22	239	226	0.046	0.053
Total	Aroclor-1232			2683	696	0.259	0.111
Average	Aroclor-1232					0.086	0.037
14) L4	Aroclor-1242	8.21	11.64	1408	925	0.038	0.032
15) L4	Aroclor-1242 {2}	8.93	12.22	345	226	0.031	0.018 #
16) L4	Aroclor-1242 {3}	10.07	13.99	720	555	0.049	0.044
Total	Aroclor-1242			2473	1706	0.118	0.094 BDL
Average	Aroclor-1242					0.039	0.031
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

008

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-08A.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL02\C575-08A.D\CONFIRM.D
Acq On : 05 Jul 96 05:08 PM Operator: JS
Sample : VHB / DA10:C12 RERUN Inst : ECD1
Misc : 30.1G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 10:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.45	911	941	0.034	0.037
21) L6 Aroclor-1254 {2}	13.42	15.69	2146	863	0.065	0.031 #
22) L6 Aroclor-1254 {3}	15.81	17.55	2008	1897	0.087	0.051 #
Total Aroclor-1254			5064	3700	0.186	0.118
Average Aroclor-1254					0.062	0.039
23) L7 Aroclor-1260	13.92	18.18	1301	1071	0.045	0.036
24) L7 Aroclor-1260 {2}	14.70	18.50	1282	1078	0.042	0.033
25) L7 Aroclor-1260 {3}	17.91	21.92	1592	2080	0.042	0.045
Total Aroclor-1260			4176	4229	0.129	0.113
Average Aroclor-1260					0.043	0.038
26) L8 Aroclor-1268	18.86	23.35	1036	1459	NoCal	NoCal
27) L8 Aroclor-1268 {2}	19.03	23.55	1685	1364	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.82	0.00	4827	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

.032
.018
.040 x10 / 0.0301 x .99 x .666 = 20.36

< 34

0.031
0.051
0.082 x10 / 0.0301 x .98 x .666 = 41.7

42

069

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

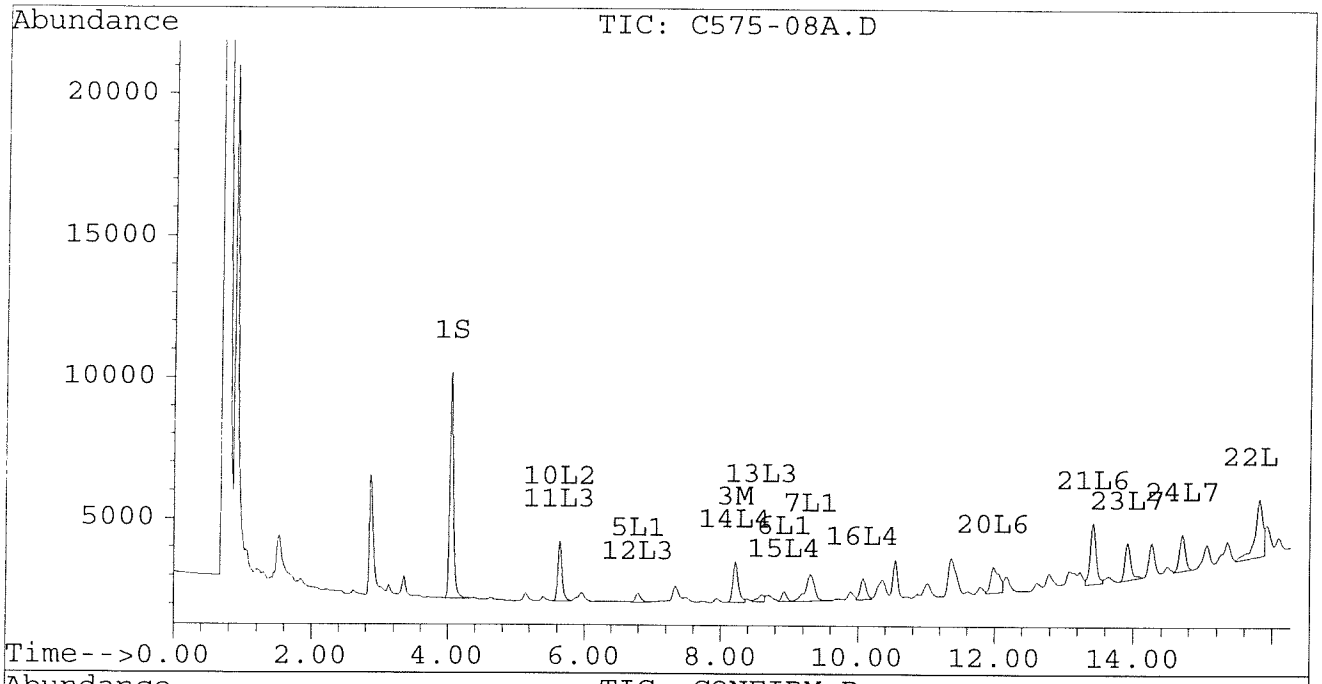
Quantitation Report

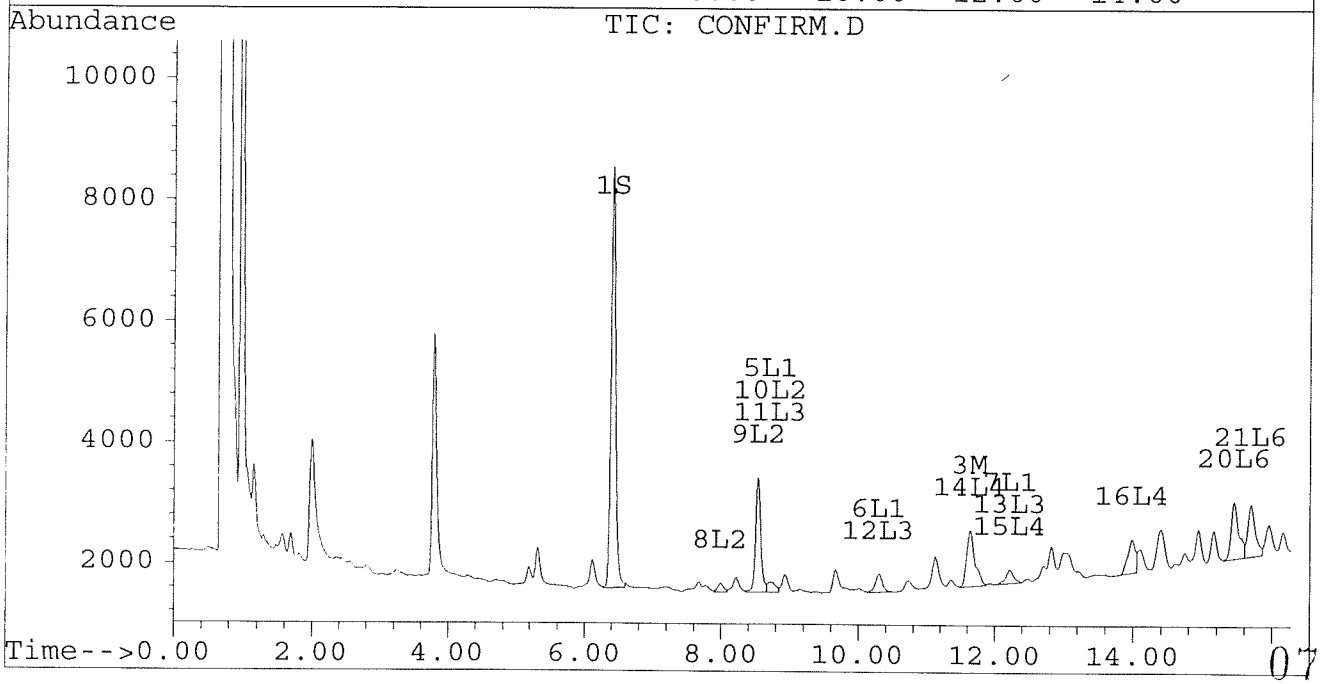
Signal #1 : D:\HPCHEM\5\JL02\C575-08A.D
Signal #2 : D:\HPCHEM\5\JL02\C575-08A.D\CONFIRM.D
Acq On : 05 Jul 96 05:08 PM
Sample : VHB / DA10:C12 RERUN
Misc : 30.1G/10ML 98% SOLID PCB ANALYSIS
Quant Time: Jul 8 10:50 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





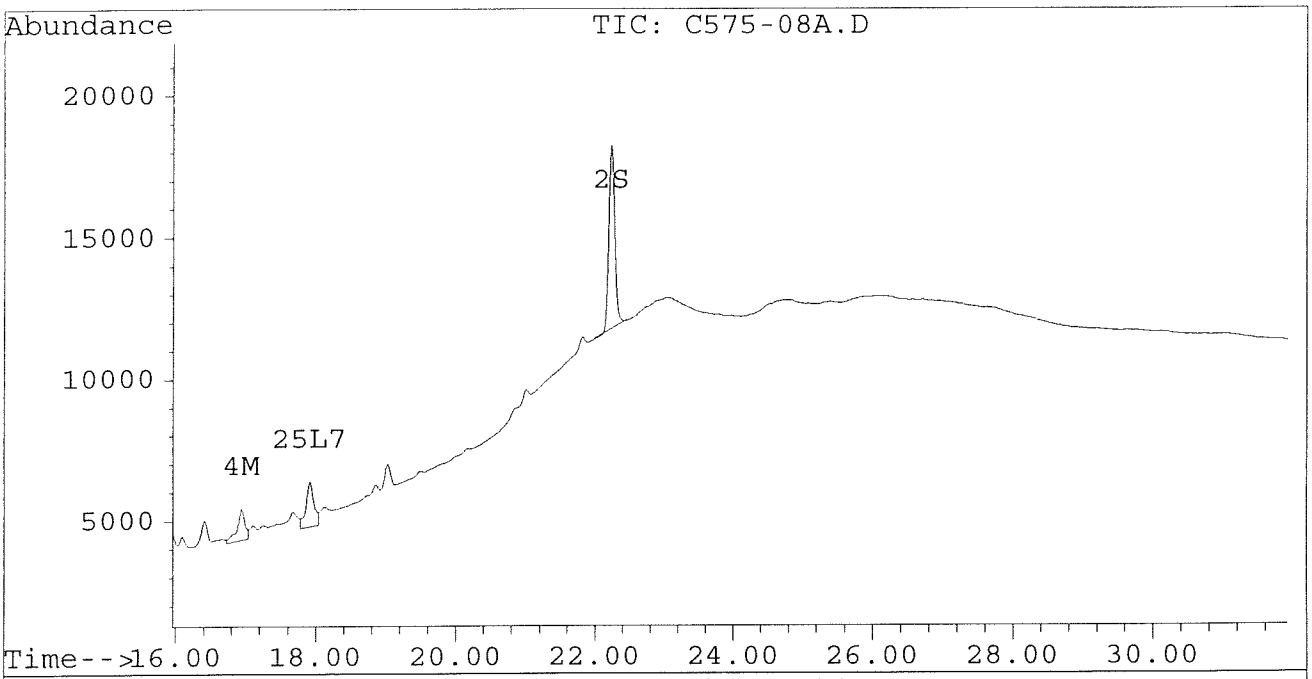
070

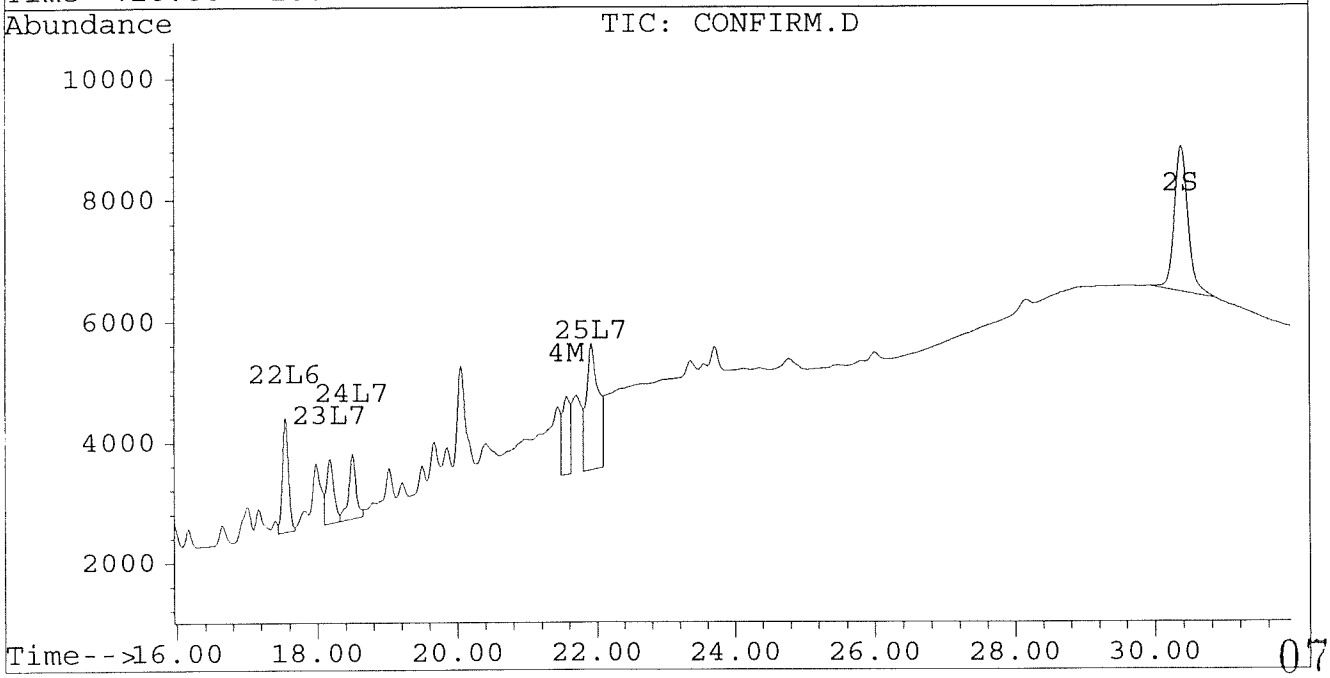
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-08A.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL02\C575-08A.D\CONFIRM.D
Acq On : 05 Jul 96 05:08 PM Operator: JS
Sample : VHB / DA10:C12 RERUN Inst : ECD1
Misc : 30.1G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 10:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





071

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-10A.D Vial: 18
Signal #2 : D:\HPCHEM\5\JL02\C575-10A.D\CONFIRM.D
Acq On : 06 Jul 96 01:26 AM Operator: JS
Sample : VHB / PD4:F6 1:10 DIL Inst : ECD1
Misc : 30.4G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 10:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.42	1937	716	0.009	0.004 #
				Recovery	=	22.50%	10.00%
2) S	Decachlorobiphenyl	22.21	30.41	703	626	0.003m	0.008m#
				Recovery	=	7.50%	20.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.64	38855	27520	0.382	0.272 #
4) M	2,2',3,3',4,4'-Hexa	16.94	0.00	6517	0	0.071	N.D. #
5) L1	Aroclor-1016	6.79	8.77	9097	1395	0.298	0.106 #
6) L1	Aroclor-1016 {2}	8.93	10.30	12626	7242	0.839	0.270 #
7) L1	Aroclor-1016 {3}	9.32	12.22	22024	4854	0.899	0.292 #
Total	Aroclor-1016			43747	13490	2.036	0.668
Average	Aroclor-1016					0.679	0.223
8) L2	Aroclor-1221	0.00	8.00	0	723	N.D.	0.172 #
9) L2	Aroclor-1221 {2}	5.50	8.54	1107	1120	0.273	0.333
10) L2	Aroclor-1221 {3}	5.67	8.77	3591	1395	0.259	0.136 #
Total	Aroclor-1221			4698	3237	0.531	0.641
Average	Aroclor-1221					0.266	0.214
11) L3	Aroclor-1232	5.67	8.77	3591	1395	0.299	0.154 #
12) L3	Aroclor-1232 {2}	6.79	10.30	9097	7242	1.043	0.967
13) L3	Aroclor-1232 {3}	8.60	12.22	6815	4854	1.298	1.132
Total	Aroclor-1232			19503	13490	2.640	2.253
Average	Aroclor-1232					0.880	0.751
14) L4	Aroclor-1242	8.22	11.64	37498	27520	0.999m	0.943
15) L4	Aroclor-1242 {2}	8.93	12.22	10733	4854	0.969m	0.386 #
16) L4	Aroclor-1242 {3}	10.07	13.99	18557	14616	1.268m	1.171
Total	Aroclor-1242			66788	46990	3.235	2.500
Average	Aroclor-1242					1.078	0.833
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

072

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-10A.D Vial: 18
Signal #2 : D:\HPCHEM\5\JL02\C575-10A.D\CONFIRM.D
Acq On : 06 Jul 96 01:26 AM Operator: JS
Sample : VHB / PD4:F6 1:10 DIL Inst : ECD1
Misc : 30.4G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 10:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.45	12663	13648	0.474	0.530m
21) L6 Aroclor-1254 {2}	13.42	15.69	18881	11208	0.571	0.404m#
22) L6 Aroclor-1254 {3}	15.82	17.55	13908	15379	0.601	0.411m#
Total Aroclor-1254			45452	40235	1.645	1.345
Average Aroclor-1254					0.548	0.448
23) L7 Aroclor-1260	13.92	0.00	8774	0	0.307	N.D. #
24) L7 Aroclor-1260 {2}	14.70	18.50	7651	7853	0.249	0.238
25) L7 Aroclor-1260 {3}	17.91	21.92	5028	3971	0.132	0.085 #
Total Aroclor-1260			21452	11823	0.688	0.323
Average Aroclor-1260					0.229	0.162
26) L8 Aroclor-1268	0.00	23.33	0	2621	N.D.	NoCal
27) L8 Aroclor-1268 {2}	19.03	23.48f	4455	2879	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.81	28.10	3910	994	NoCal	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$\frac{0.943}{0.386}$ DF
$\frac{1.329 \times 10}{0.0304 \times .96 \times .666} \times 10 = 6,937$

6800

$\frac{0.404}{0.411}$
$\frac{0.815 \times 10}{0.0304 \times .96 \times .666} \times 10 = 4,193$

4200

073

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

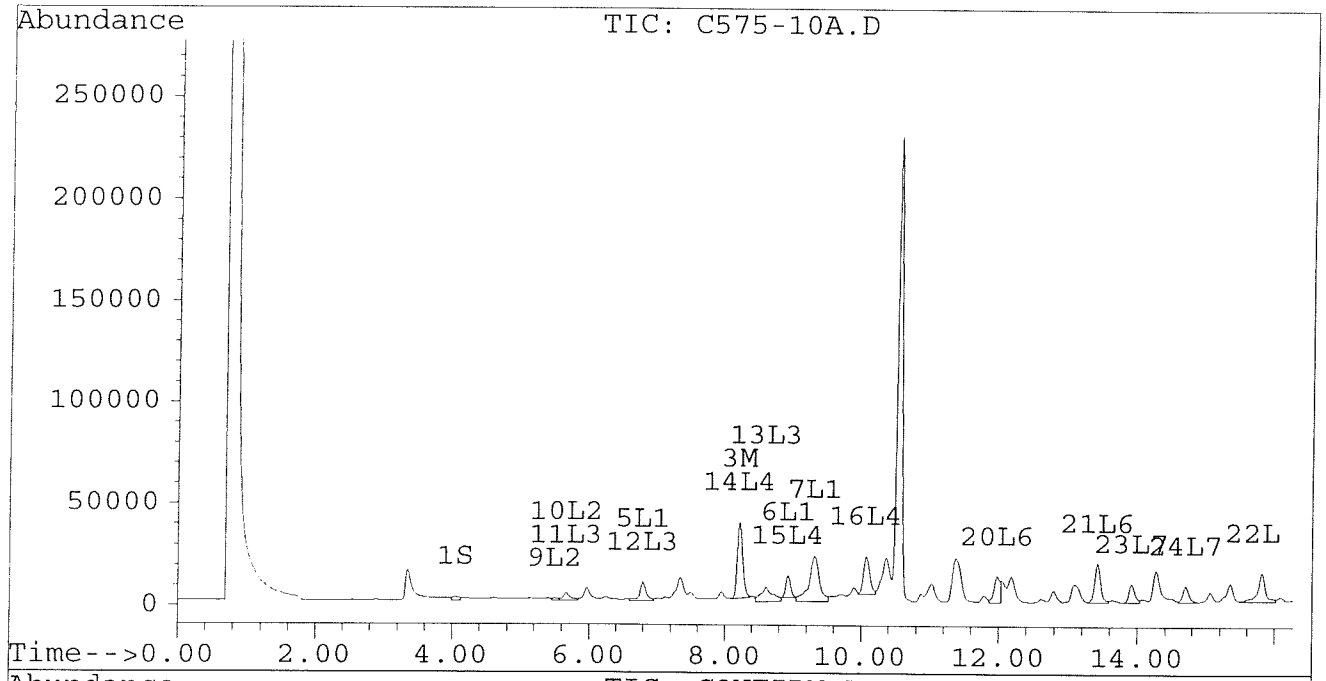
Quantitation Report

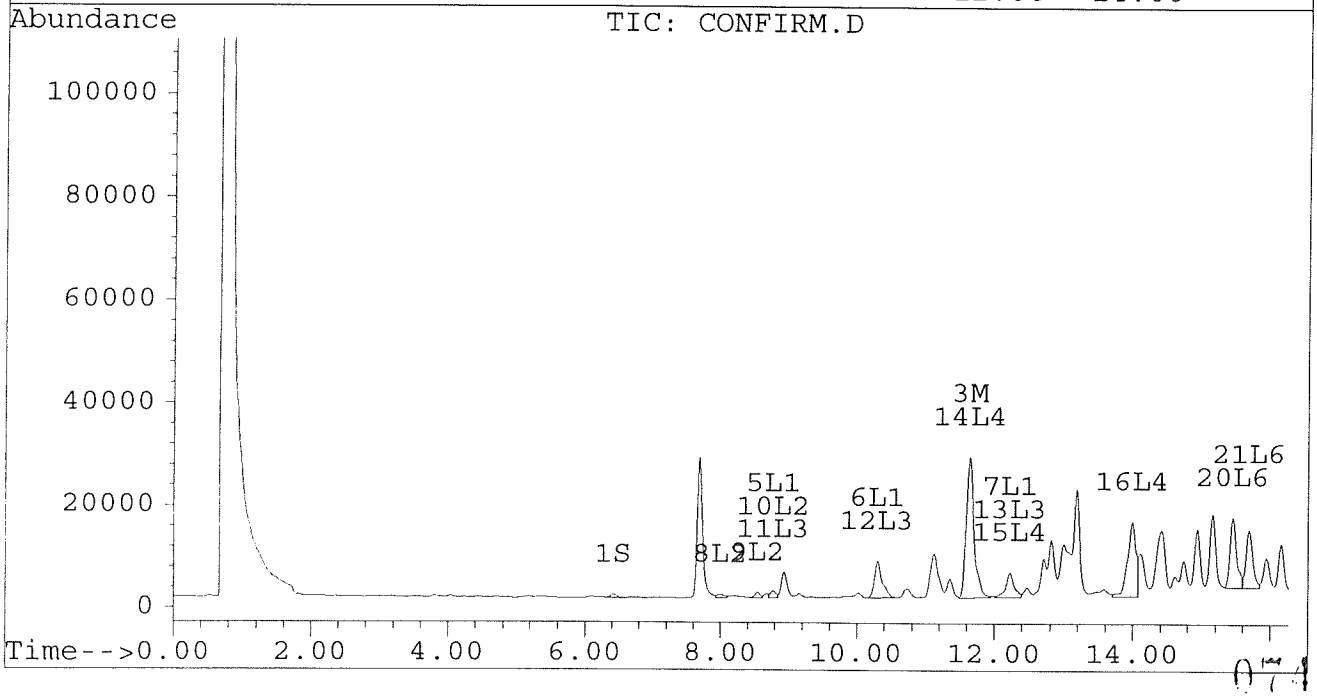
Signal #1 : D:\HPCHEM\5\JL02\C575-10A.D
Signal #2 : D:\HPCHEM\5\JL02\C575-10A.D\CONFIRM.D
Acq On : 06 Jul 96 01:26 AM
Sample : VHB / PD4:F6 1:10 DIL
Misc : 30.4G/10ML 96% SOLID PCB ANALYSIS
Quant Time: Jul 8 10:55 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



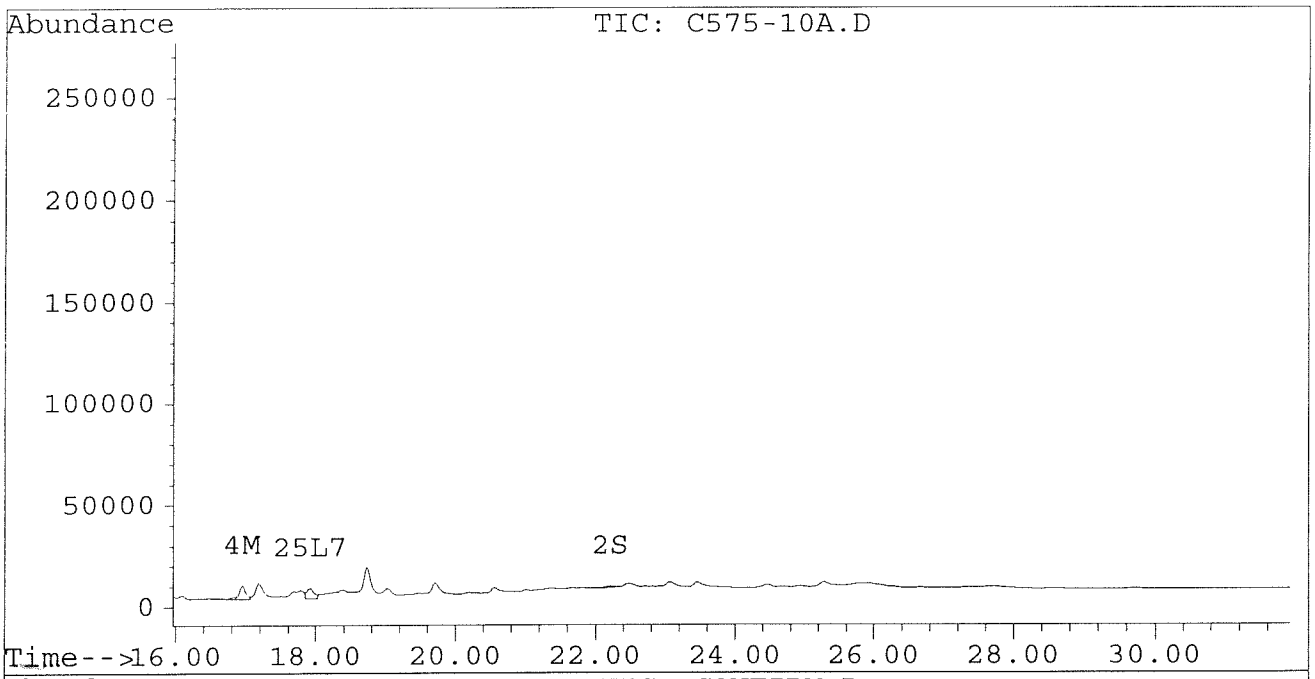


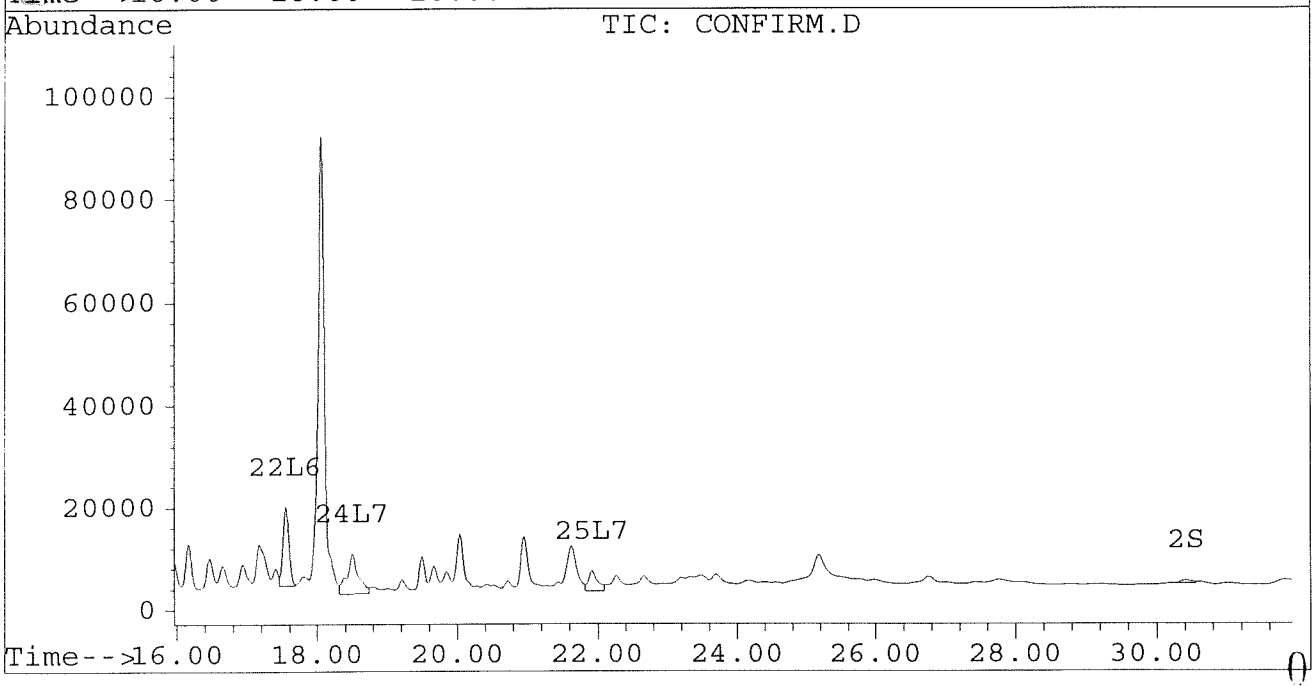
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-10A.D Vial: 18
Signal #2 : D:\HPCHEM\5\JL02\C575-10A.D\CONFIRM.D
Acq On : 06 Jul 96 01:26 AM Operator: JS
Sample : VHB / PD4:F6 1:10 DIL Inst : ECD1
Misc : 30.4G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 10:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-13.D Vial: 63
Signal #2 : D:\HPCHEM\5\JL02\C575-13.D\CONFIRM.D
Acq On : 04 Jul 96 07:46 AM Operator: JS
Sample : VHB / PD7:F09 Inst : ECD1
Misc : 30.0G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 11:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.41	7045	7355	0.031m	0.039m#
				Recovery	=	77.50%	97.50%
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.63	41592	29763	0.408	0.294 #
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5) L1	Aroclor-1016	6.80	8.78	8251	2051	0.270	0.156 #
6) L1	Aroclor-1016 {2}	8.93	0.00	15573	0	1.035	N.D. #
7) L1	Aroclor-1016 {3}	9.33	12.26f	23613	20485	0.964	1.232 #
Total	Aroclor-1016			47436	22536	2.269	1.387
Average	Aroclor-1016					0.756	0.694
8) L2	Aroclor-1221	5.10f	7.99	2204	2409	0.456	0.574 #
9) L2	Aroclor-1221 {2}	0.00	8.54	0	4677	N.D.	1.391 #
10) L2	Aroclor-1221 {3}	5.67	8.78	6365	2051	0.459	0.200 #
Total	Aroclor-1221			8569	9137	0.914	2.165
Average	Aroclor-1221					0.457	0.722
11) L3	Aroclor-1232	5.67	8.78	6365	2051	0.530	0.226 #
12) L3	Aroclor-1232 {2}	6.80	0.00	8251	0	0.946	N.D. #
13) L3	Aroclor-1232 {3}	8.63f	0.00	14140	0	2.693	N.D. #
Total	Aroclor-1232			28755	2051	4.169	0.226
Average	Aroclor-1232					1.390	0.226
14) L4	Aroclor-1242	8.23	11.63	41592	28428	1.108	0.974m
15) L4	Aroclor-1242 {2}	8.93	12.26f	15573	17856	1.406	1.419m
16) L4	Aroclor-1242 {3}	10.07	13.96	27558	12516	1.882	1.003m#
Total	Aroclor-1242			84722	58800	4.396	3.396
Average	Aroclor-1242					1.465	1.132
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-13.D Vial: 63
Signal #2 : D:\HPCHEM\5\JL02\C575-13.D\CONFIRM.D
Acq On : 04 Jul 96 07:46 AM Operator: JS
Sample : VHB / PD7:F09 Inst : ECD1
Misc : 30.0G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 11:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.00	15.45	13838	5908	0.518	0.229m#
21) L6 Aroclor-1254 {2}	13.41	15.69	35775	9788	1.081	0.353m#
22) L6 Aroclor-1254 {3}	15.83	17.60f	26659	23273	1.152	0.623m#
Total Aroclor-1254			76273	38969	2.751	1.205
Average Aroclor-1254					0.917	0.402
23) L7 Aroclor-1260	13.95	0.00	12332	0	0.431	N.D. #
24) L7 Aroclor-1260 {2}	14.71	0.00	19324	0	0.630	N.D. #
25) L7 Aroclor-1260 {3}	0.00	21.95f	0	22216	N.D.	0.476 #
Total Aroclor-1260			31656	22216	1.060	0.476
Average Aroclor-1260					0.530	0.476
26) L8 Aroclor-1268	0.00	23.30	0	47922	N.D.	NoCal
27) L8 Aroclor-1268 {2}	19.05f	23.50	58513	65194	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.82	0.00	37193	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$\frac{0.974 \quad 1.419 \quad 2.393 \times 10}{0.030 \times .95 \times .666} = 1,260 \rightarrow 1300$$

$$\frac{0.353 \quad 6.623 \quad 0.976 \times 10}{0.03 \times .95 \times .666} = 514 \rightarrow 510$$

077

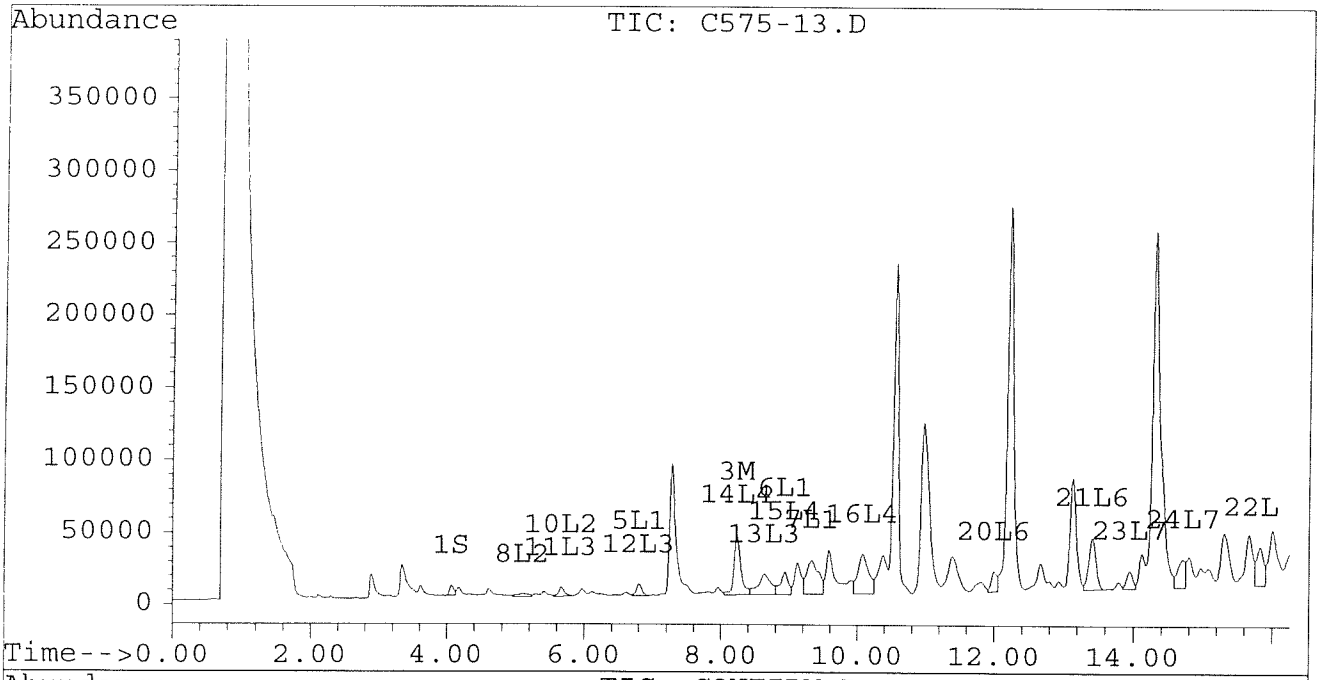
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

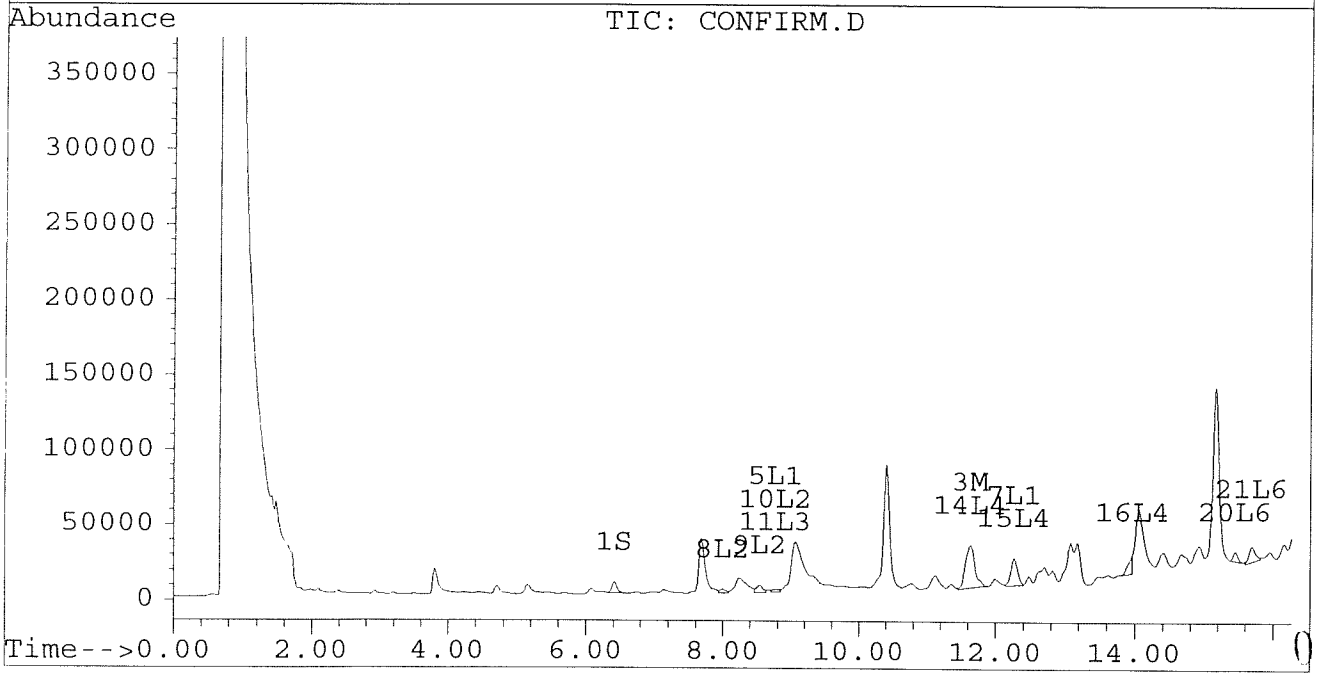
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-13.D Vial: 63
Signal #2 : D:\HPCHEM\5\JL02\C575-13.D\CONFIRM.D
Acq On : 04 Jul 96 07:46 AM Operator: JS
Sample : VHB / PD7:F09 Inst : ECD1
Misc : 30.0G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 11:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





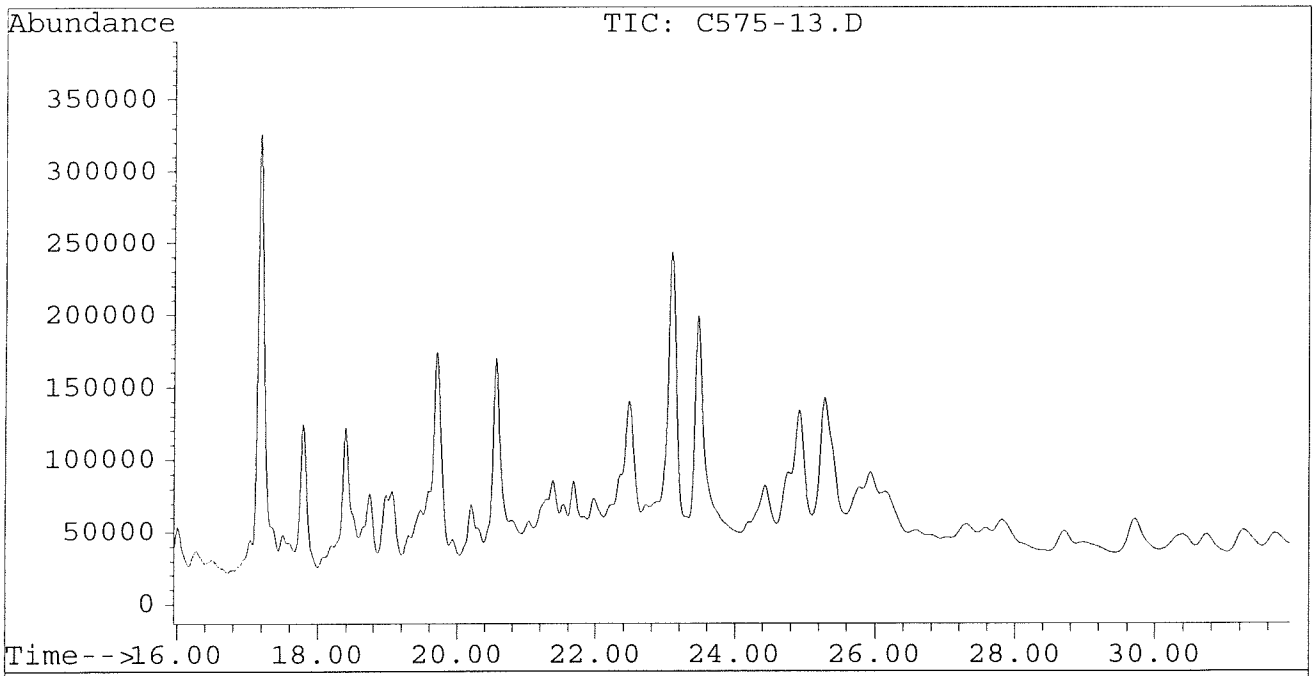
078

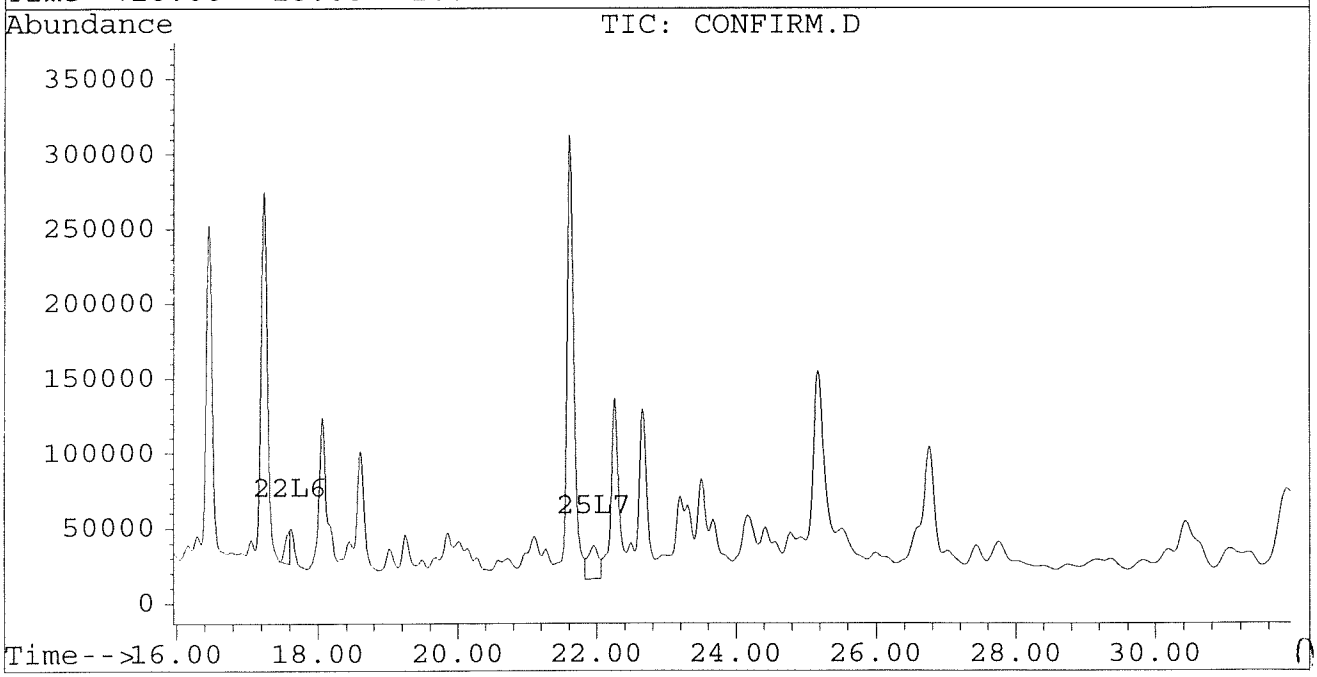
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-13.D Vial: 63
Signal #2 : D:\HPCHEM\5\JL02\C575-13.D\CONFIRM.D
Acq On : 04 Jul 96 07:46 AM Operator: JS
Sample : VHB / PD7:F09 Inst : ECD1
Misc : 30.0G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 11:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

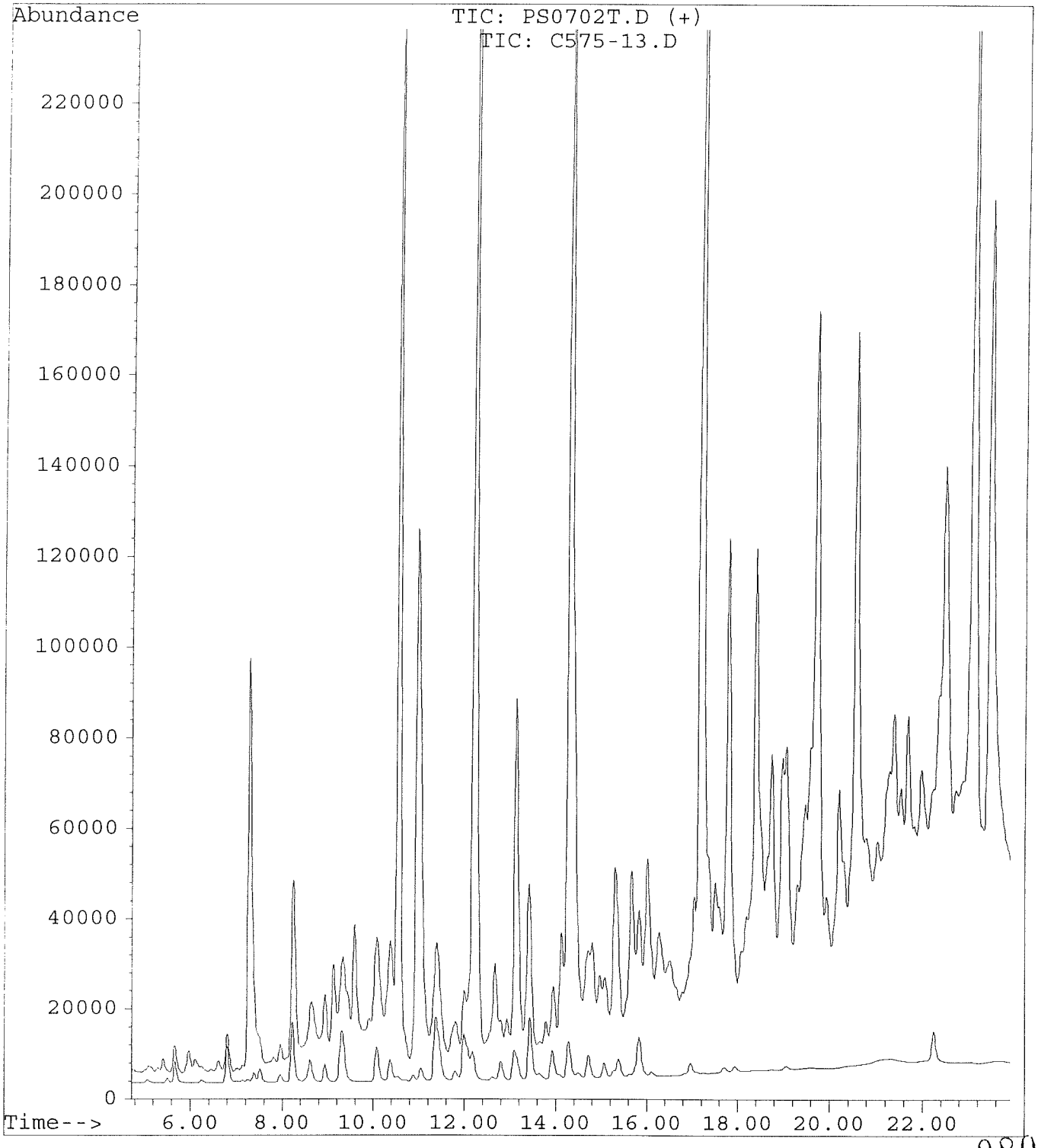
Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





079

File : D:\HPCHEM\5\JL02\C575-13.D
Operator : JS
Acquired : 04 Jul 96 07:46 AM using AcqMethod PCB1E.MTH
Instrument : ECD1
Sample Name: VHB / PD7:F09
Misc Info : 30.0G/10ML 95% SOLID PCB ANALYSIS
Vial Number: 63



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-16.D Vial: 65
Signal #2 : D:\HPCHEM\5\JL02\C575-16.D\CONFIRM.D
Acq On : 04 Jul 96 08:58 AM Operator: JS
Sample : VHB / PD10:F12 Inst : ECD1
Misc : 30.3G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 11:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.06	6.42	7562	7343	0.033	0.039
					Recovery	=	82.50%	97.50%
2)	S	Decachlorobiphenyl	22.28	30.41	9744	6955	0.048m	0.085m#
					Recovery	=	120.00%	212.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.24	11.62	13621	9656	0.134	0.095 #
4)	M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5)	L1	Aroclor-1016	6.80	8.79	2030	786	0.066	0.060
6)	L1	Aroclor-1016 {2}	8.93	0.00	3010	0	0.200	N.D. #
7)	L1	Aroclor-1016 {3}	9.35	12.26f	26422	6279	1.079	0.377 #
		Total Aroclor-1016			31462	7064	1.345	0.437
		Average Aroclor-1016					0.448	0.219
8)	L2	Aroclor-1221	5.10f	7.99	809	663	0.167	0.158
9)	L2	Aroclor-1221 {2}	0.00	8.54	0	3694	N.D.	1.098 #
10)	L2	Aroclor-1221 {3}	5.66	8.79f	5164	786	0.372	0.077 #
		Total Aroclor-1221			5973	5142	0.539	1.333
		Average Aroclor-1221					0.270	0.444
11)	L3	Aroclor-1232	5.66	8.79f	5164	786	0.430	0.087 #
12)	L3	Aroclor-1232 {2}	6.80	0.00	2030	0	0.233	N.D. #
13)	L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1232			7195	786	0.663	0.087
		Average Aroclor-1232					0.331	0.087
14)	L4	Aroclor-1242	8.24	11.62	13621	9656	0.363	0.331
15)	L4	Aroclor-1242 {2}	8.93	12.26f	3010	6279	0.272	0.499 #
16)	L4	Aroclor-1242 {3}	10.07	13.97	9127	6160	0.623	0.493m
		Total Aroclor-1242			25758	22094	1.258	1.323
		Average Aroclor-1242					0.419	0.441
17)	L5	Aroclor-1248	9.35f	0.00	26422	0	1.389	N.D. #
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			26422	0	1.389	N.D.
		Average Aroclor-1248					1.389	0.000

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

181

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-16.D Vial: 65
Signal #2 : D:\HPCHEM\5\JL02\C575-16.D\CONFIRM.D
Acq On : 04 Jul 96 08:58 AM Operator: JS
Sample : VHB / PD10:F12 Inst : ECD1
Misc : 30.3G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 11:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.99	15.45	9451	4810	0.354	0.187m#
21) L6 Aroclor-1254 {2}	13.42	15.68	19701	7608	0.596	0.274m#
22) L6 Aroclor-1254 {3}	15.82	17.56	22946	12167	0.992	0.326m#
Total Aroclor-1254			52097	24585	1.941	0.786
Average Aroclor-1254					0.647	0.262
23) L7 Aroclor-1260	13.93	18.17	6821	22333	0.238	0.744 #
24) L7 Aroclor-1260 {2}	14.72	0.00	14344	0	0.467	N.D. #
25) L7 Aroclor-1260 {3}	0.00	21.93	0	23660	N.D.	0.507 #
Total Aroclor-1260			21164	45993	0.706	1.251
Average Aroclor-1260					0.353	0.626
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.04	23.49	25057	39030	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.81	0.00	35084	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$\frac{0.331}{0.499}$ / $\frac{0.830 \times 10}{.0303 \times 98 \times .666}$ = 419

420

$\frac{0.274}{0.326}$ / $\frac{0.600 \times 10}{0.0303 \times .99 \times .666}$ = 303

300

082

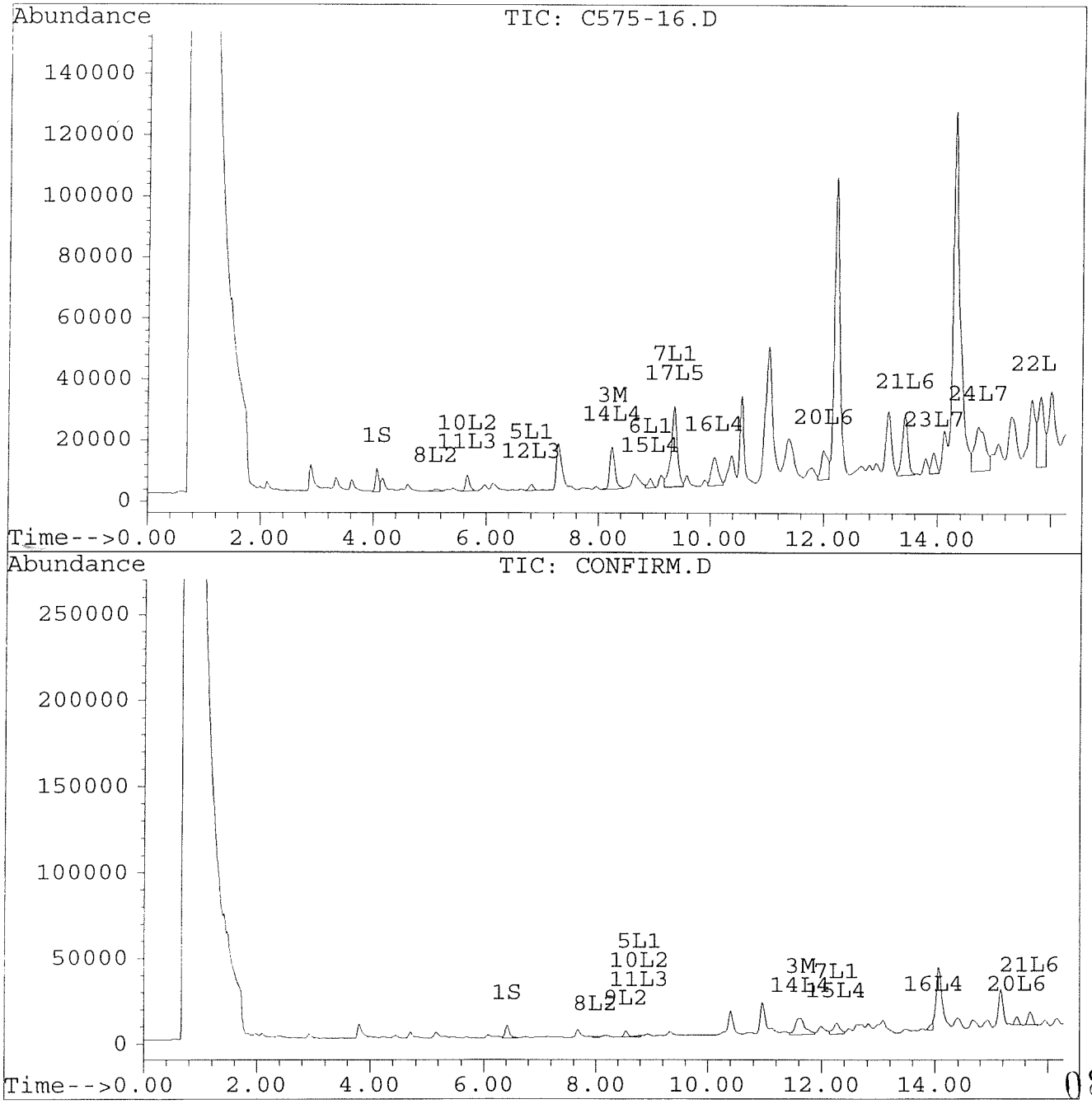
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-16.D Vial: 65
Signal #2 : D:\HPCHEM\5\JL02\C575-16.D\CONFIRM.D
Acq On : 04 Jul 96 08:58 AM Operator: JS
Sample : VHB / PD10:F12 Inst : ECD1
Misc : 30.3G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 11:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



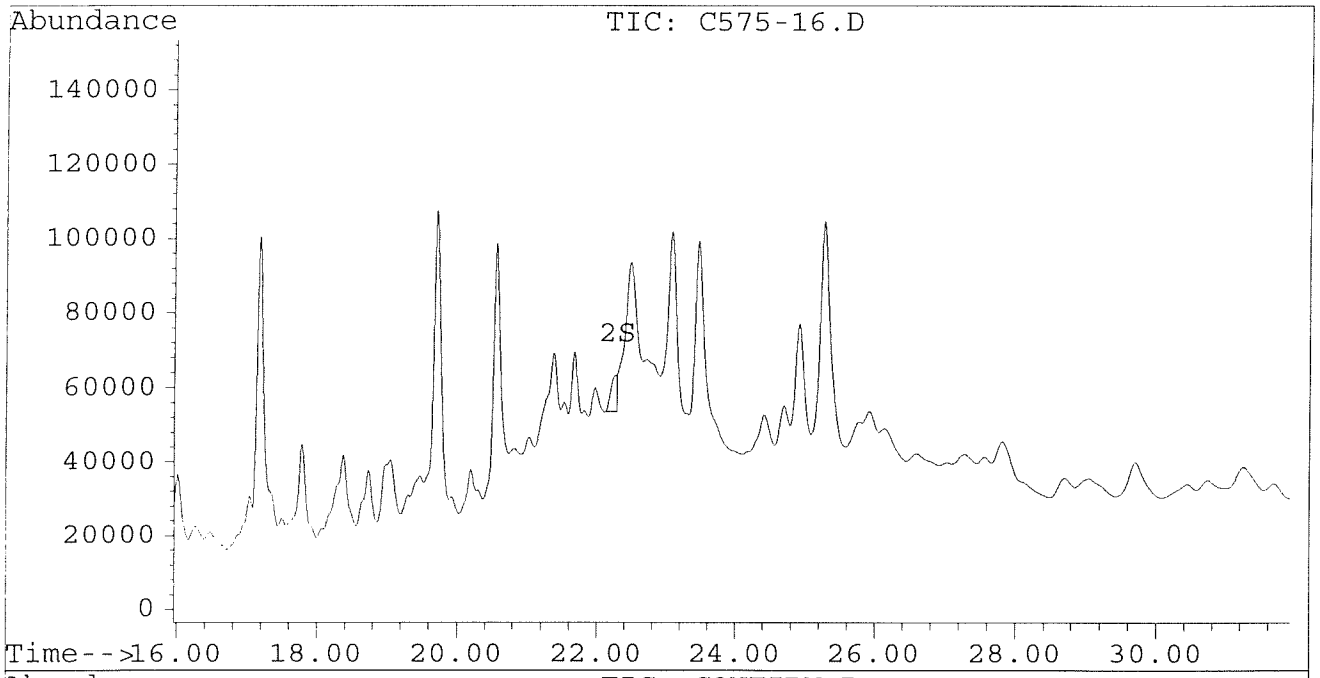
083

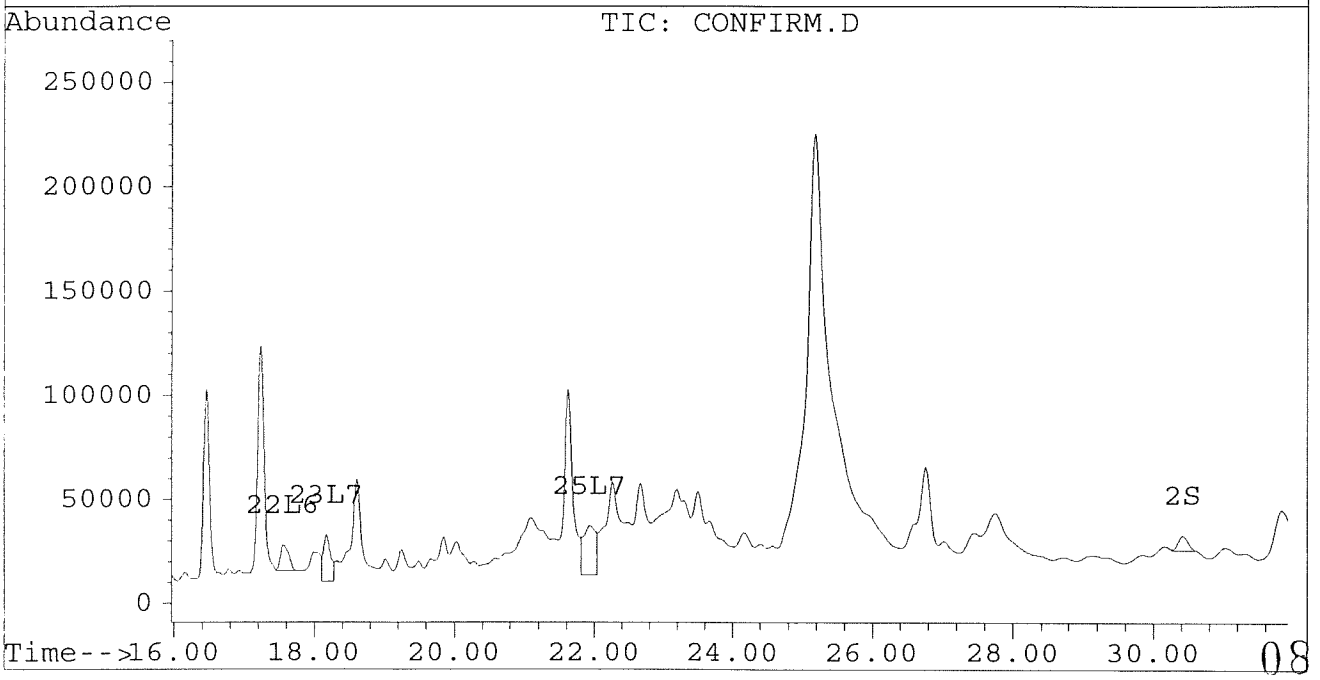
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-16.D Vial: 65
Signal #2 : D:\HPCHEM\5\JL02\C575-16.D\CONFIRM.D
Acq On : 04 Jul 96 08:58 AM Operator: JS
Sample : VHB / PD10:F12 Inst : ECD1
Misc : 30.3G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 11:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

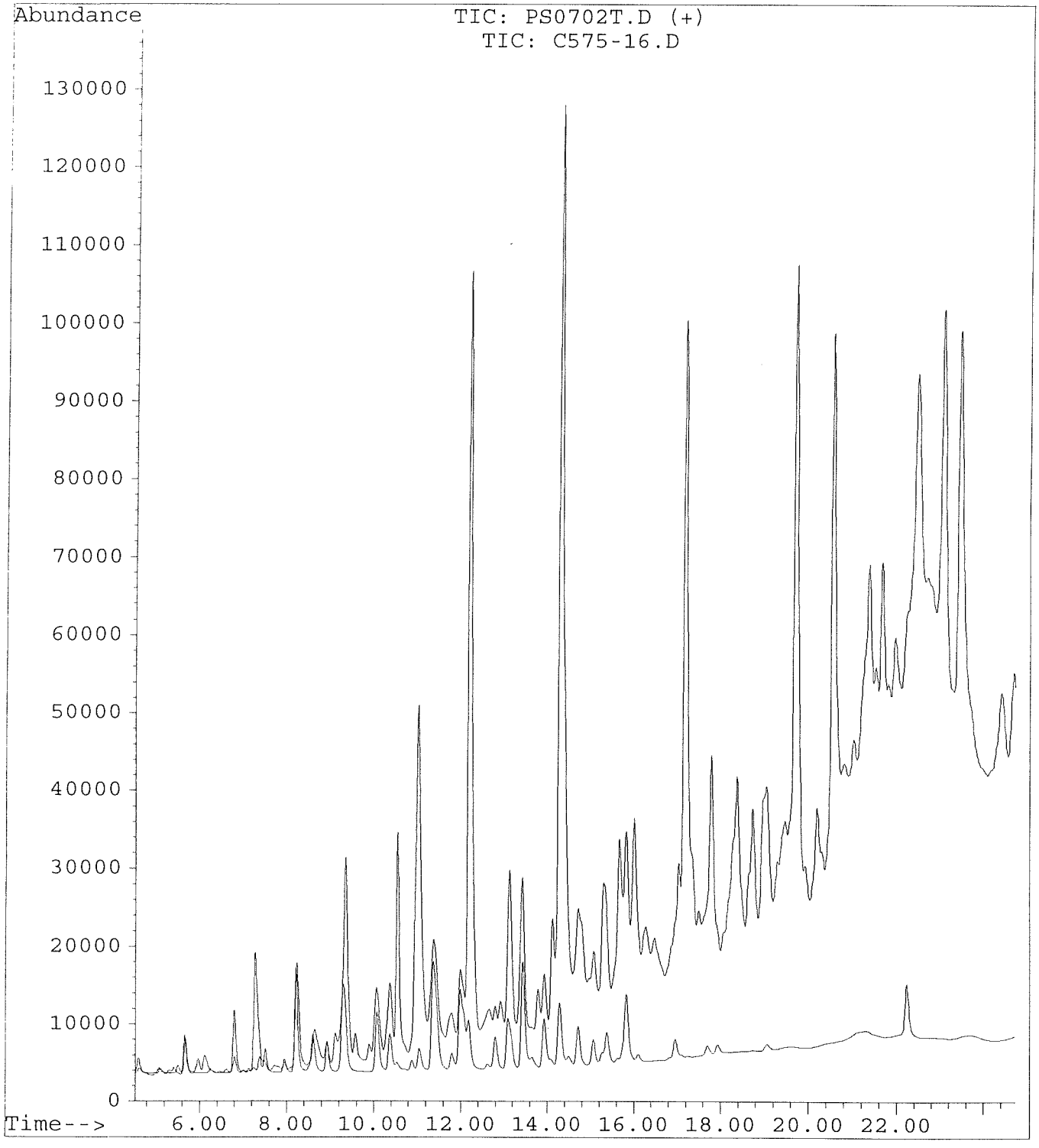
Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





084

File : D:\HPCHEM\5\JL02\C575-16.D
Operator : JS
Acquired : 04 Jul 96 08:58 AM using AcqMethod PCB1E.MTH
Instrument : ECD1
Sample Name: VHB / PD10:F12
Misc Info : 30.3G/10ML 98% SOLID PCB ANALYSIS
Vial Number: 65



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\C575-19C.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL08\C575-19C.D\CONFIRM.D
Acq On : 08 Jul 96 11:25 AM Operator: JS
Sample : VHB / PG4:I6 1:50 DILUTION Inst : ECD1
Misc : 30.3G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	286	1257	0.001	0.007 #
				Recovery	=	2.50%	17.50%
2) S	Decachlorobiphenyl	22.22	30.38	200	42	0.001m	0.001m#
				Recovery	=	2.50%	2.50%
							125%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	0.00	51571	0	0.506	N.D. #
4) M	2,2',3,3',4,4'-Hexa	16.95	21.56	2820	1530	0.031	0.011 #
5) L1	Aroclor-1016	6.81	0.00	9082	0	0.297	N.D. #
6) L1	Aroclor-1016 {2}	8.93	10.29	6356	5665	0.422	0.211 #
7) L1	Aroclor-1016 {3}	9.35	0.00	14559	0	0.595	N.D. #
Total	Aroclor-1016			29997	5665	1.314	0.211
Average	Aroclor-1016					0.438	0.211
8) L2	Aroclor-1221	5.09	8.00	142	194	0.029	0.046 #
9) L2	Aroclor-1221 {2}	5.51	8.53	251	525	0.062	0.156 #
10) L2	Aroclor-1221 {3}	5.68	0.00	12810	0	0.923	N.D. #
Total	Aroclor-1221			13202	719	1.014	0.202
Average	Aroclor-1221					0.338	0.101
11) L3	Aroclor-1232	5.68	0.00	12810	0	1.066	N.D. #
12) L3	Aroclor-1232 {2}	6.81	10.29	9082	5665	1.042	0.757 #
13) L3	Aroclor-1232 {3}	8.61	0.00	3992	0	0.760	N.D. #
Total	Aroclor-1232			25883	5665	2.868	0.757
Average	Aroclor-1232					0.956	0.757
14) L4	Aroclor-1242	8.23	11.68f	51571	21081	1.373	0.723m#
15) L4	Aroclor-1242 {2}	8.93	12.15f	6356	16355	0.574	1.300m#
16) L4	Aroclor-1242 {3}	10.07	14.08f	11116	44070	0.759	3.531m#
Total	Aroclor-1242			69042	81506	2.706	5.553
Average	Aroclor-1242					0.902	1.851
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\C575-19C.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL08\C575-19C.D\CONFIRM.D
Acq On : 08 Jul 96 11:25 AM Operator: JS
Sample : VHB / PG4:I6 1:50 DILUTION Inst : ECD1
Misc : 30.3G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.49f	6709	9910	0.251	0.385m#
21) L6 Aroclor-1254 {2}	13.41	15.65	12002	9415	0.363	0.339m
22) L6 Aroclor-1254 {3}	15.82	17.55	6210	7936	0.268	0.212
Total Aroclor-1254			24921	27261	0.882	0.936
Average Aroclor-1254					0.294	0.312
23) L7 Aroclor-1260	13.92	0.00	4014	0	0.140	N.D. #
24) L7 Aroclor-1260 {2}	14.71	18.50	3775	3095	0.123	0.094
25) L7 Aroclor-1260 {3}	17.91	21.92	1718	1667	0.045	0.036
Total Aroclor-1260			9507	4762	0.308	0.130
Average Aroclor-1260					0.103	0.065
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	1856	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.12	0	177	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$\frac{0.723}{0.0303 \times .95 \times .666} \times 50 = 52762 \rightarrow 53000$$

$$\frac{0.339 + 0.212}{0.0303 \times .95 \times .666} \times 50 = 14{,}370 \rightarrow 14000$$

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

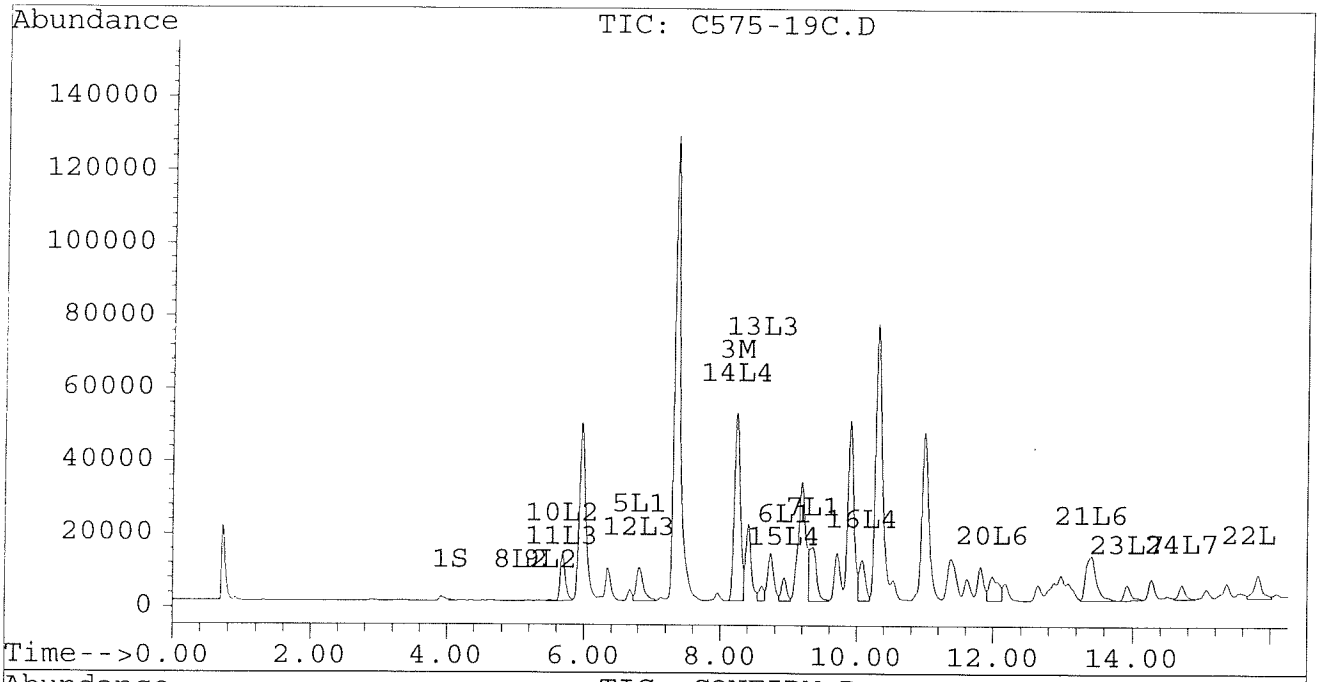
Quantitation Report

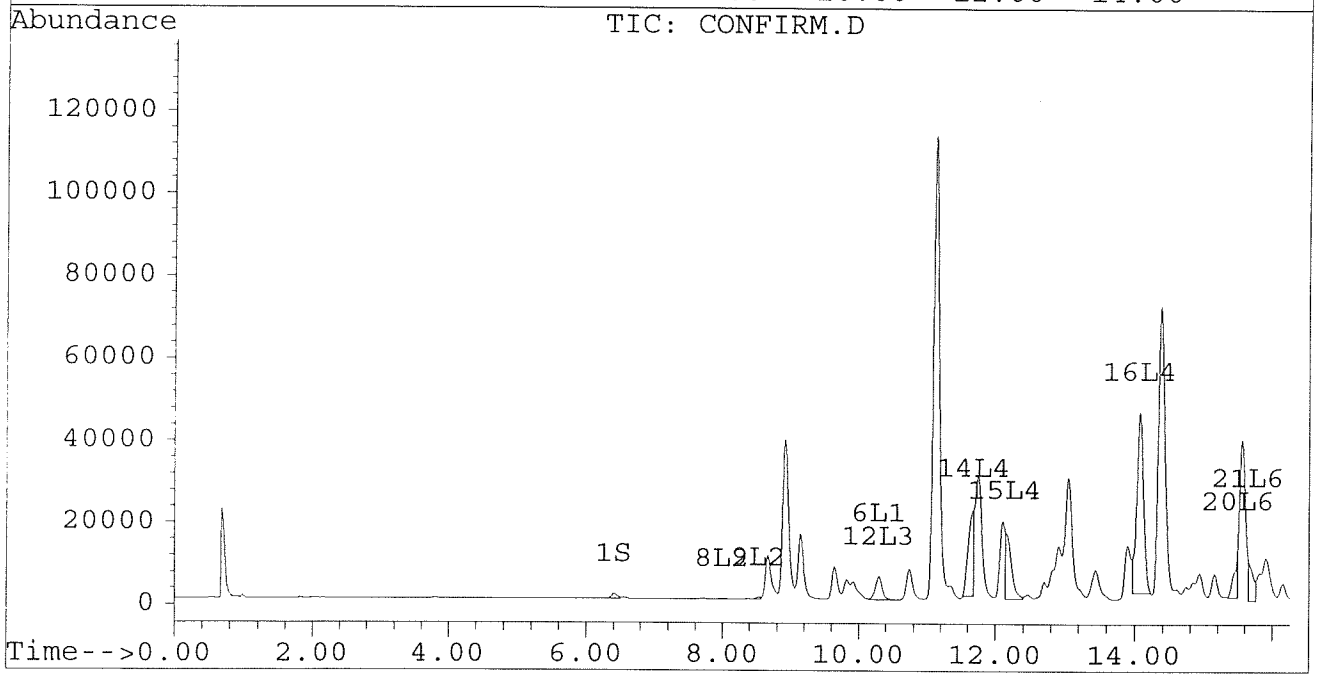
Signal #1 : D:\HPCHEM\5\JL08\C575-19C.D
Signal #2 : D:\HPCHEM\5\JL08\C575-19C.D\CONFIRM.D
Acq On : 08 Jul 96 11:25 AM
Sample : VHB / PG4:I6 1:50 DILUTION
Misc : 30.3G/10ML 95% SOLID PCB ANALYSIS
Quant Time: Jul 8 12:29 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





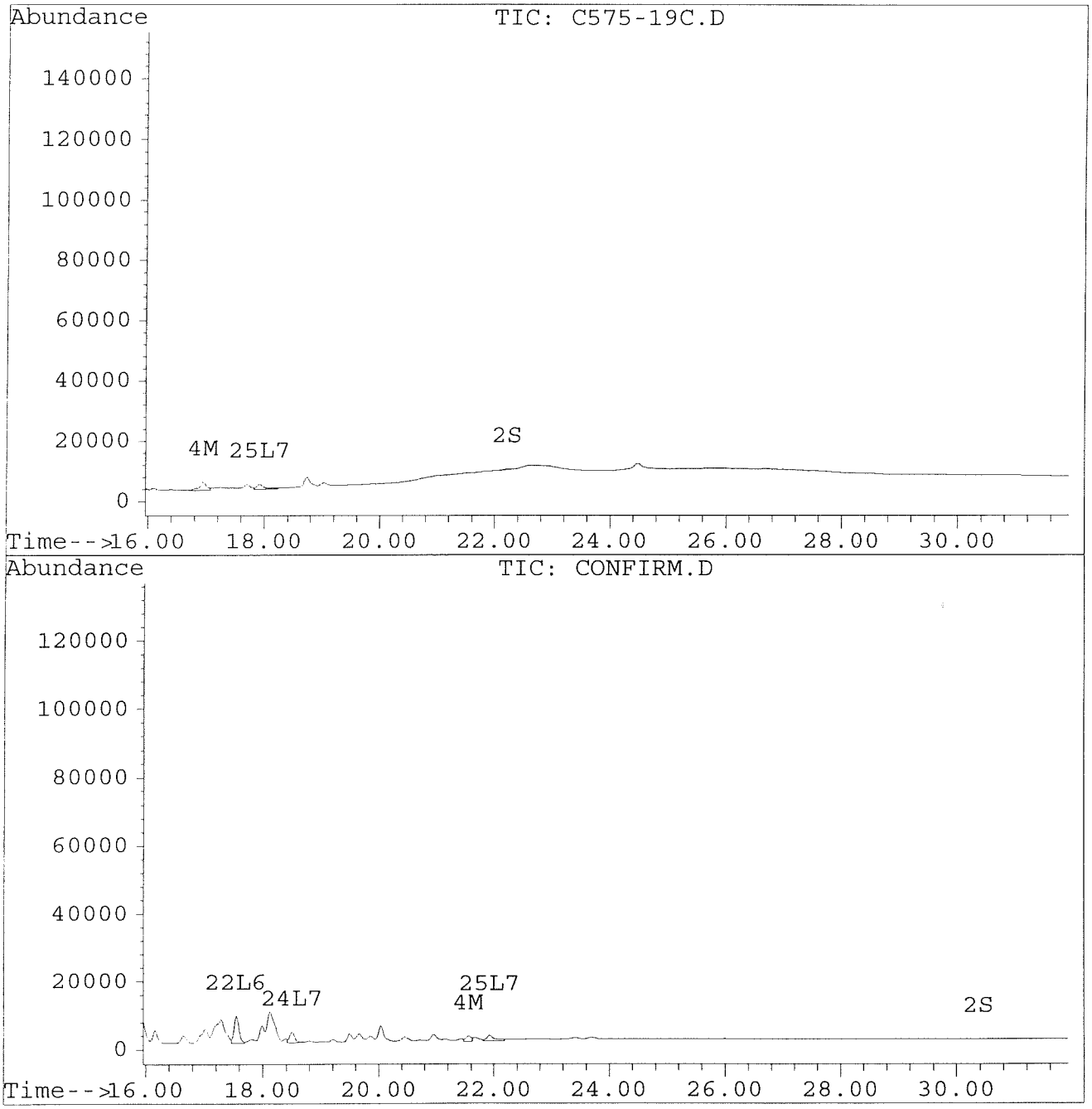
088

Quantitation Report

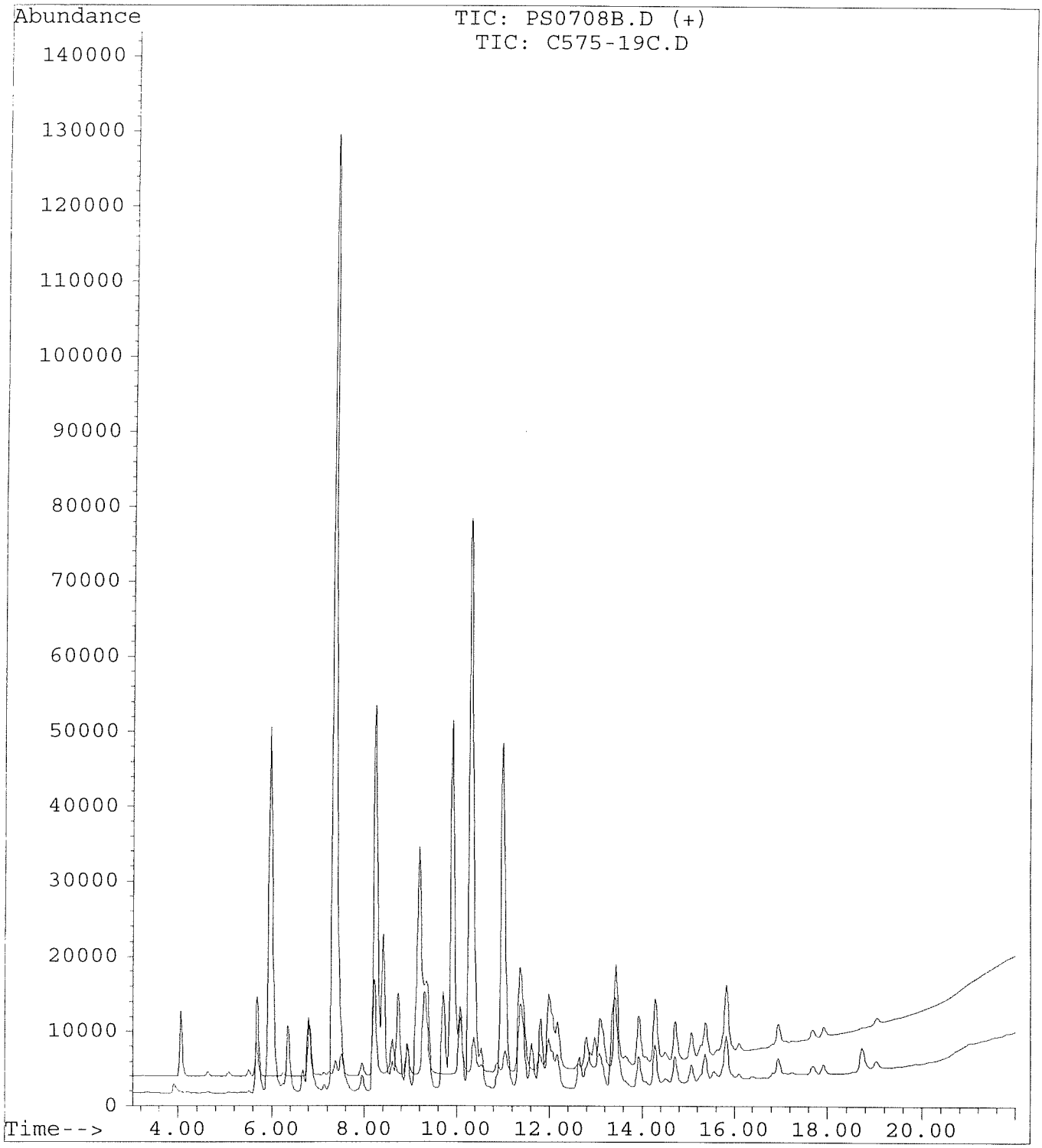
Signal #1 : D:\HPCHEM\5\JL08\C575-19C.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL08\C575-19C.D\CONFIRM.D
Acq On : 08 Jul 96 11:25 AM Operator: JS
Sample : VHB / PG4:I6 1:50 DILUTION Inst : ECD1
Misc : 30.3G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



File : D:\HPCHEM\5\JL08\C575-19C.D
Operator : JS
Acquired : 08 Jul 96 11:25 AM using AcqMethod PCB1E.MTH
Instrument : ECD1
Sample Name: VHB / PG4:I6 1:50 DILUTION
Misc Info : 30.3G/10ML 95% SOLID PCB ANALYSIS
Vial Number: 5



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-22A.D Vial: 72
Signal #2 : D:\HPCHEM\5\JL02\C575-22A.D\CONFIRM.D
Acq On : 03 Jul 96 11:26 PM Operator: JS
Sample : VHB / PG10:I12 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 97% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 11:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.05	6.41	1661	1453	0.007	0.008	
					Recovery	=	17.50%	20.00%	10c
2)	S	Decachlorobiphenyl	22.23	30.37	1565	641	0.008m	0.008m	
					Recovery	=	20.00%	20.00%	10c
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.63	37539	27120	0.369	0.268	#
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.56	11235	8460	0.122	0.063	#
5)	L1	Aroclor-1016	6.79	8.77	11631	1702	0.381	0.129	#
6)	L1	Aroclor-1016 {2}	8.93	10.29	10015	10051	0.665	0.375	#
7)	L1	Aroclor-1016 {3}	9.31	12.22	27719	4880	1.132	0.293	#
		Total Aroclor-1016			49365	16633	2.178	0.797	
		Average Aroclor-1016					0.726	0.266	
8)	L2	Aroclor-1221	5.08	7.99	175	465	0.036	0.111	#
9)	L2	Aroclor-1221 {2}	5.50	8.54	366	1301	0.090	0.387	#
10)	L2	Aroclor-1221 {3}	5.67	8.77	2980	1702	0.215	0.166	
		Total Aroclor-1221			3520	3468	0.341	0.664	
		Average Aroclor-1221					0.114	0.221	
11)	L3	Aroclor-1232	5.67	8.77	2980	1702	0.248	0.187	
12)	L3	Aroclor-1232 {2}	6.79	10.29	11631	10051	1.334	1.342	
13)	L3	Aroclor-1232 {3}	8.60	12.22	5972	4880	1.137	1.138	
		Total Aroclor-1232			20583	16633	2.719	2.668	
		Average Aroclor-1232					0.906	0.889	
14)	L4	Aroclor-1242	8.22	11.63	37191	27120	0.990m	0.930	
15)	L4	Aroclor-1242 {2}	8.93	12.22	9723	4880	0.878m	0.388	#
16)	L4	Aroclor-1242 {3}	10.07	13.98	23157	18065	1.582	1.447	
		Total Aroclor-1242			70071	50065	3.450	2.765	
		Average Aroclor-1242					1.150	0.922	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-22A.D Vial: 72
Signal #2 : D:\HPCHEM\5\JL02\C575-22A.D\CONFIRM.D
Acq On : 03 Jul 96 11:26 PM Operator: JS
Sample : VHB / PG10:I12 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 97% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 11:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	27690	23135	1.036	0.898
21) L6	Aroclor-1254 {2}	13.43	15.69	42869	25814	1.296	0.930 #
22) L6	Aroclor-1254 {3}	15.82	17.54	32851	39620	1.420	1.060 #
Total	Aroclor-1254			103410	88569	3.751	2.888
Average	Aroclor-1254					1.250	0.963
23) L7	Aroclor-1260	13.92	18.18	19675	13606	0.687	0.453 #
24) L7	Aroclor-1260 {2}	14.71	18.50	17759	16357	0.579	0.496
25) L7	Aroclor-1260 {3}	17.92	21.92	7333	6463	0.193	0.138 #
Total	Aroclor-1260			44766	36425	1.459	1.088
Average	Aroclor-1260					0.486	0.363
26) L8	Aroclor-1268	18.86	0.00	1658	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	5022	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.82	28.13f	1851	1023	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

$\frac{0.930}{6.388} \times \frac{1.318 \times 10}{0.0305 \times .97 \times .666} \times 5 = 3344$ → 3300

$\frac{0.930}{4.060} \times \frac{1.990 \times 10}{0.0305 \times .97 \times .666} \times 5 = 5049$ → 5000

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

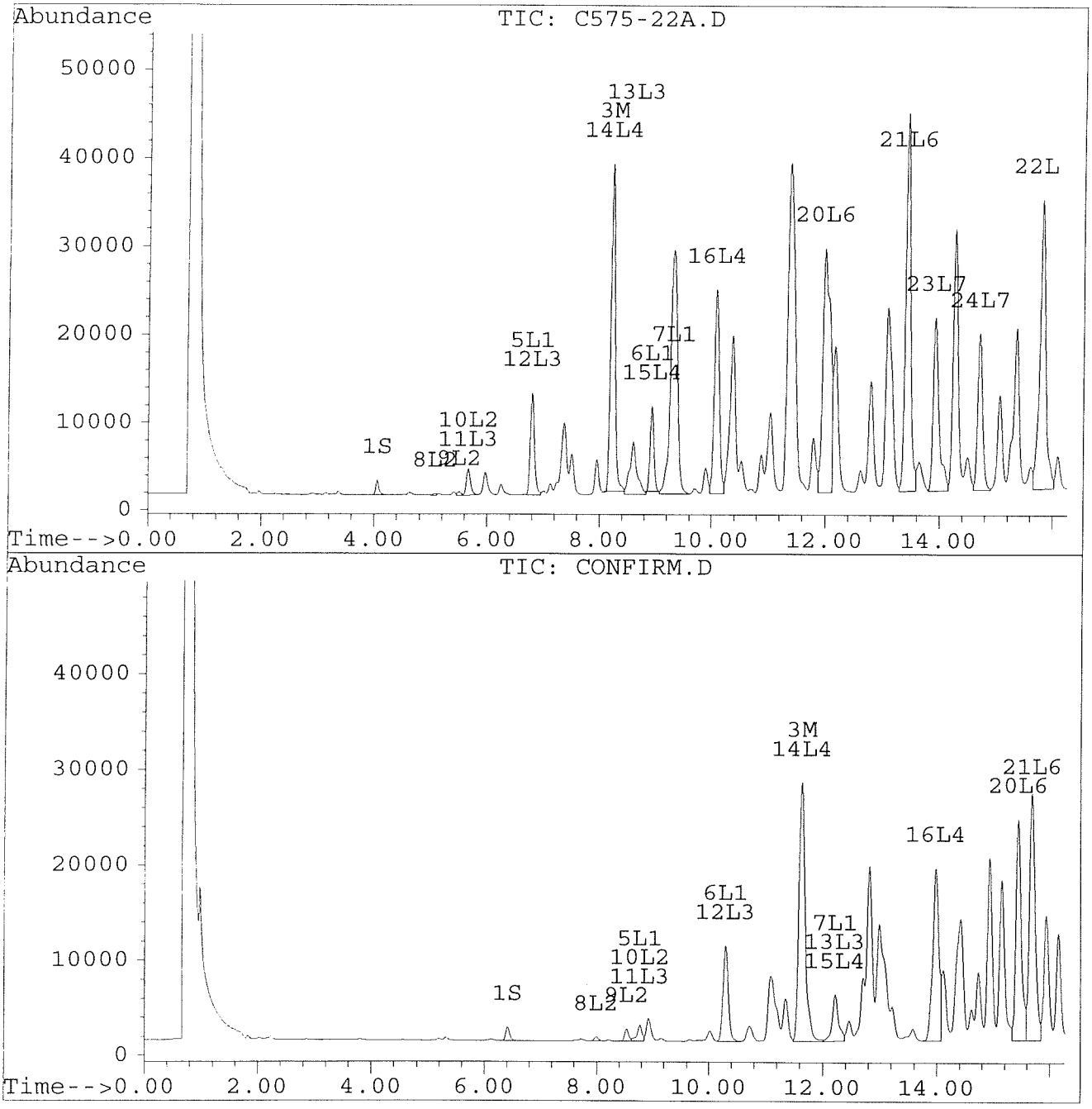
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-22A.D
Signal #2 : D:\HPCHEM\5\JL02\C575-22A.D\CONFIRM.D
Acq On : 03 Jul 96 11:26 PM
Sample : VHB / PG10:I12 1:5 DILUTION
Misc : 30.5G/10ML 97% SOLID PCB ANALYSIS
Quant Time: Jul 8 11:41 1996

Vial: 72
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

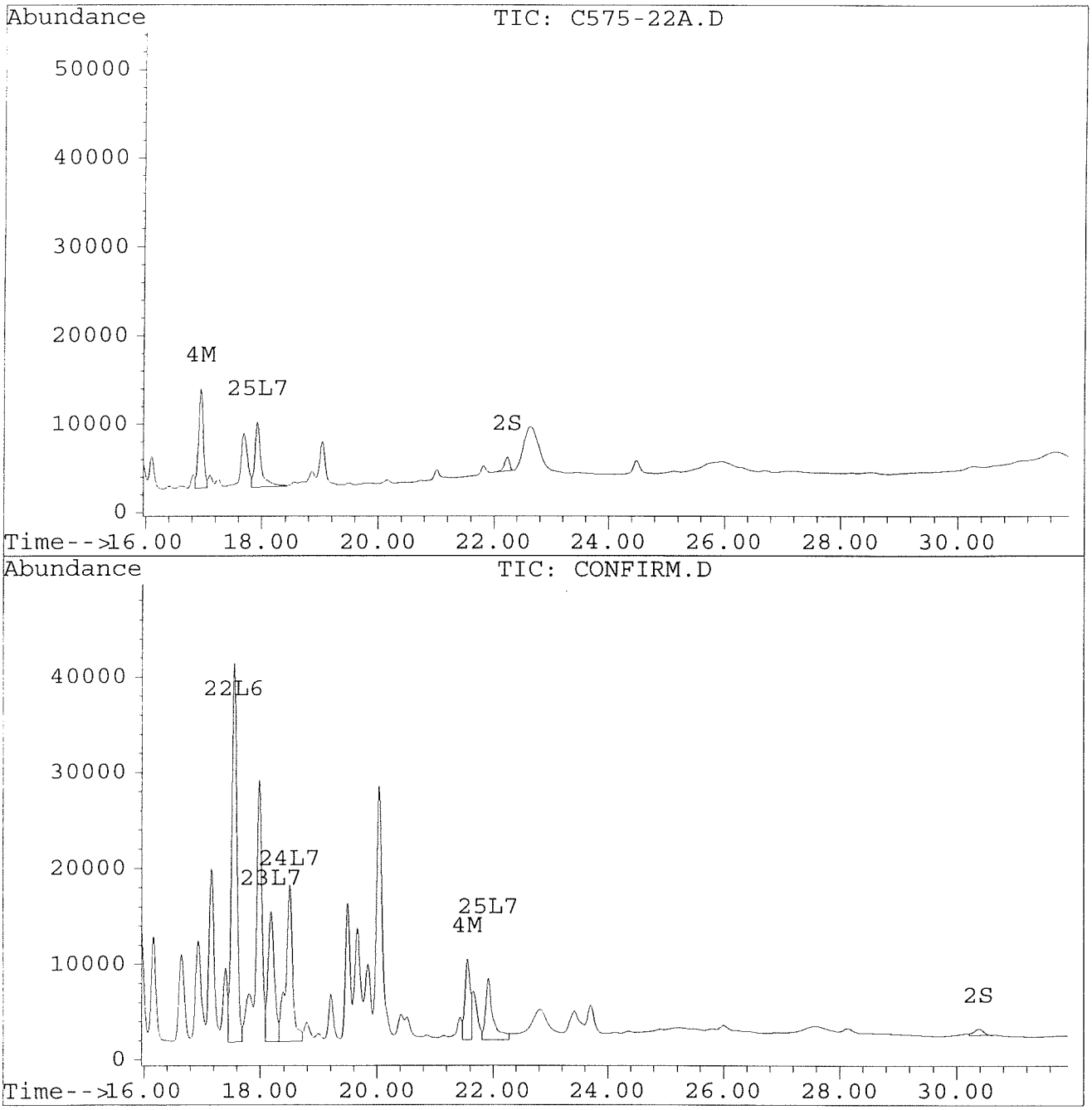


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-22A.D Vial: 72
Signal #2 : D:\HPCHEM\5\JL02\C575-22A.D\CONFIRM.D
Acq On : 03 Jul 96 11:26 PM Operator: JS
Sample : VHB / PG10:I12 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 97% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 11:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



094

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\C575-25B.D Vial: 6
Signal #2 : D:\HPCHEM\5\JL08\C575-25B.D\CONFIRM.D
Acq On : 08 Jul 96 12:13 PM Operator: JS
Sample : VHB / PJ4:L6 1:20 DILUTION Inst : ECD1
Misc : 30.4G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 14:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.06	6.42	377	447	0.002	0.002 #
					Recovery	=	5.00%	5.00%
2)	S	Decachlorobiphenyl	22.21	30.38	597	147	0.003m	0.002m#
					Recovery	=	7.50%	5.00% 100
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.21	11.64	43513	30884	0.427	0.305 #
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.56	4921	3589	0.053	0.027 #
5)	L1	Aroclor-1016	6.79	8.77	13775	2460	0.451	0.187 #
6)	L1	Aroclor-1016 (2)	8.93	10.30	12071	12165	0.802	0.453 #
7)	L1	Aroclor-1016 (3)	9.32	12.22	22958	6825	0.938	0.410 #
	Total	Aroclor-1016			48804	21450	2.190	1.051
	Average	Aroclor-1016					0.730	0.350
8)	L2	Aroclor-1221	5.08	8.00	291	409	0.060	0.098 #
9)	L2	Aroclor-1221 (2)	5.50	8.54	569	924	0.140	0.275 #
10)	L2	Aroclor-1221 (3)	5.67	8.77	3938	2460	0.284	0.240
	Total	Aroclor-1221			4797	3793	0.484	0.612
	Average	Aroclor-1221					0.161	0.204
11)	L3	Aroclor-1232	5.67	8.77	3938	2460	0.328	0.271
12)	L3	Aroclor-1232 (2)	6.79	10.30	13775	12165	1.580	1.625
13)	L3	Aroclor-1232 (3)	8.60	12.22	7592	6825	1.446	1.592
	Total	Aroclor-1232			25305	21450	3.353	3.488
	Average	Aroclor-1232					1.118	1.163
14)	L4	Aroclor-1242	8.21	11.64	43513	30884	1.159	1.059
15)	L4	Aroclor-1242 (2)	8.93	12.22	12071	6825	1.090	0.542 #
16)	L4	Aroclor-1242 (3)	10.07	13.99	19568	15884	1.337	1.272
	Total	Aroclor-1242			75152	53593	3.585	2.873
	Average	Aroclor-1242					1.195	0.958
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1248			0	0	N.D.	N.D.
	Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\C575-25B.D Vial: 6
Signal #2 : D:\HPCHEM\5\JL08\C575-25B.D\CONFIRM.D
Acq On : 08 Jul 96 12:13 PM Operator: JS
Sample : VHB / PJ4:L6 1:20 DILUTION Inst : ECD1
Misc : 30.4G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 14:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.45	14950	12702	0.559	0.493
21) L6	Aroclor-1254 {2}	13.42	15.69	20046	13133	0.606	0.473
22) L6	Aroclor-1254 {3}	15.81	17.55	14277	18939	0.617	0.507
Total	Aroclor-1254			49273	44774	1.782	1.473
Average	Aroclor-1254					0.594	0.491
23) L7	Aroclor-1260	13.92	18.18	9543	6945	0.333	0.231 #
24) L7	Aroclor-1260 {2}	14.70	18.50	8123	7646	0.265	0.232
25) L7	Aroclor-1260 {3}	17.91	21.92	3654	3385	0.096	0.073
Total	Aroclor-1260			21320	17976	0.694	0.536
Average	Aroclor-1260					0.231	0.179
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.02	0.00	3027	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.81	28.13f	3587	925	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

$\frac{1.601 \times 10}{0.0304 \times .95 \times .666} \times 20 = 1664$

17000

$\frac{0.968 \times 10}{0.0304 \times .95 \times .666} \times 20 = 1090$

10000

096

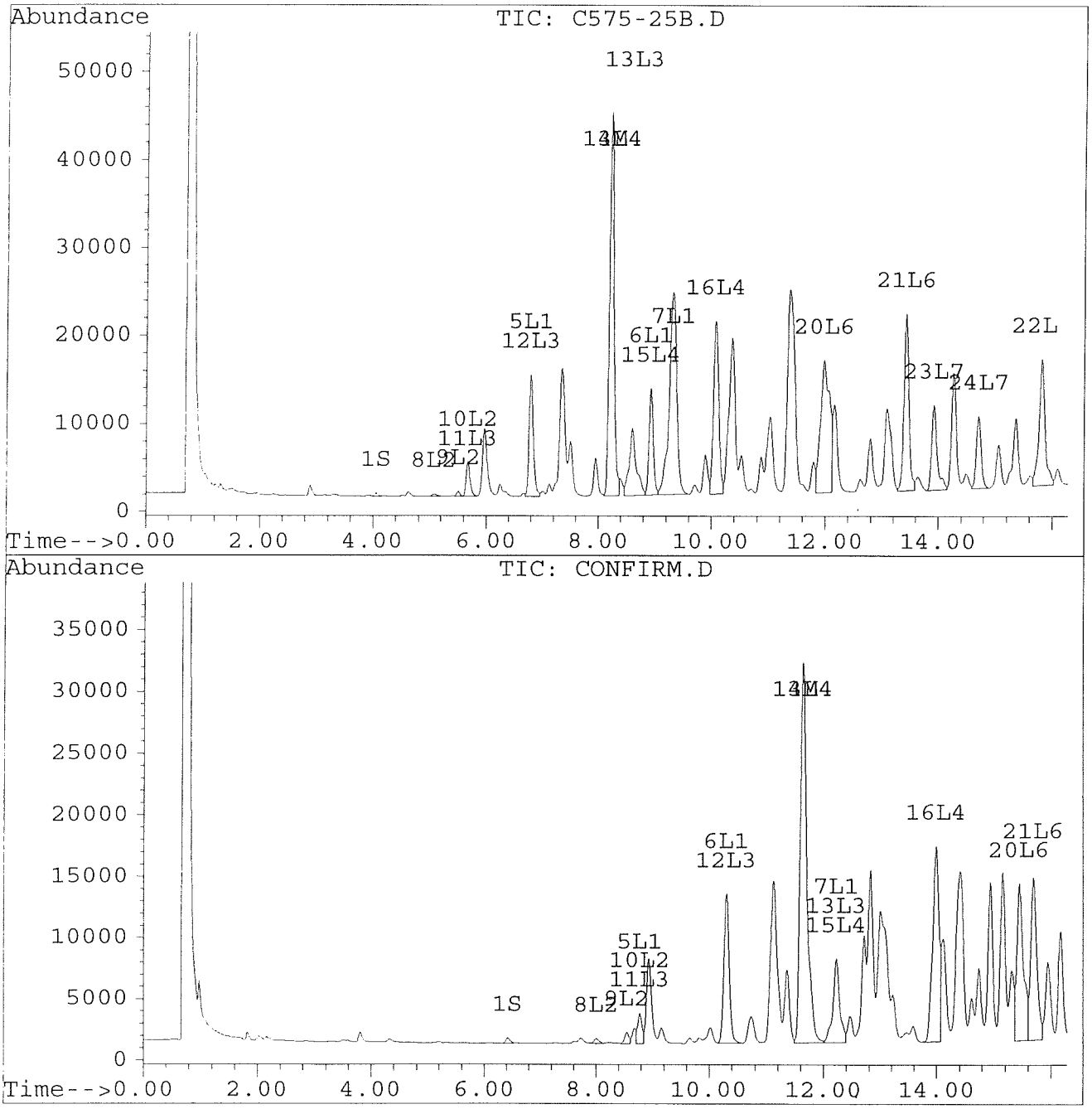
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\C575-25B.D Vial: 6
Signal #2 : D:\HPCHEM\5\JL08\C575-25B.D\CONFIRM.D
Acq On : 08 Jul 96 12:13 PM Operator: JS
Sample : VHB / PJ4:L6 1:20 DILUTION Inst : ECD1
Misc : 30.4G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 14:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



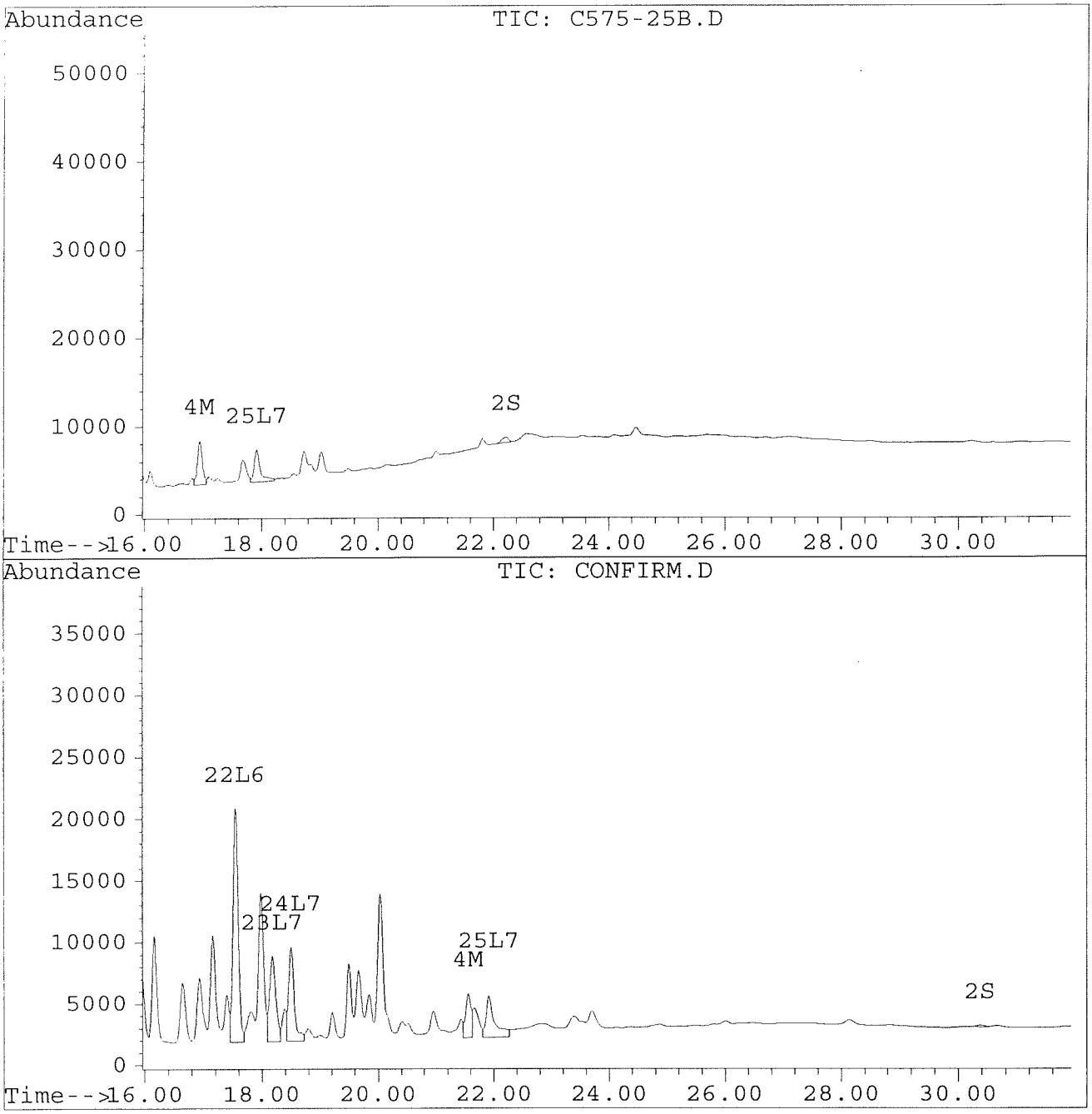
097

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\C575-25B.D Vial: 6
Signal #2 : D:\HPCHEM\5\JL08\C575-25B.D\CONFIRM.D
Acq On : 08 Jul 96 12:13 PM Operator: JS
Sample : VHB / PJ4:L6 1:20 DILUTION Inst : ECD1
Misc : 30.4G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 14:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-28.D Vial: 46
Signal #2 : D:\HPCHEM\5\JL02\C575-28.D\CONFIRM.D
Acq On : 03 Jul 96 03:43 PM Operator: JS
Sample : VHB / PJ10:I12 Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 3 16:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	9437	7843	0.042	0.042
					Recovery	=	105.00%	105.00%
2)	S	Decachlorobiphenyl	22.23	30.37	15211	3782	0.075	0.046 #
					Recovery	=	187.50%	115.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.21	11.63	135743	98008	1.333	0.967 #
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.56	38028	27814	0.412	0.207 #
5)	L1	Aroclor-1016	6.79	8.77	29363	5168	0.961	0.393 #
6)	L1	Aroclor-1016 {2}	8.93	10.29	43038	25294	2.860	0.943 #
7)	L1	Aroclor-1016 {3}	9.32	12.22	95373	14510	3.895	0.872 #
	Total	Aroclor-1016			167775	44971	7.715	2.208
	Average	Aroclor-1016					2.572	0.736
8)	L2	Aroclor-1221	0.00	7.99	0	2418	N.D.	0.576 #
9)	L2	Aroclor-1221 {2}	5.50	8.53	1277	7813	0.315	2.323 #
10)	L2	Aroclor-1221 {3}	5.66	8.77	13281	5168	0.957	0.503 #
	Total	Aroclor-1221			14558	15398	1.272	3.403
	Average	Aroclor-1221					0.636	1.134
11)	L3	Aroclor-1232	5.66	8.77	13281	5168	1.105	0.569 #
12)	L3	Aroclor-1232 {2}	6.79	10.29	29363	25294	3.368	3.378
13)	L3	Aroclor-1232 {3}	8.60	12.22	18175	14510	3.461	3.384
	Total	Aroclor-1232			60819	44971	7.934	7.332
	Average	Aroclor-1232					2.645	2.444
14)	L4	Aroclor-1242	8.21	11.63	135743	98008	3.615	3.359
15)	L4	Aroclor-1242 {2}	8.93	12.22	43038	14510	3.885	1.153 #
16)	L4	Aroclor-1242 {3}	10.07	13.98	89604	66310	6.120	5.312
	Total	Aroclor-1242			268385	178828	13.620	9.824
	Average	Aroclor-1242					4.540	3.275
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1248			0	0	N.D.	N.D.
	Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-28.D Vial: 46
Signal #2 : D:\HPCHEM\5\JL02\C575-28.D\CONFIRM.D
Acq On : 03 Jul 96 03:43 PM Operator: JS
Sample : VHB / PJ10:I12 Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 3 16:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	11.98	15.44	73874	64009	2.763	2.485	
21) L6	Aroclor-1254 {2}	13.42	15.69	123931	68138	3.746	2.456	#
22) L6	Aroclor-1254 {3}	15.82	17.54	99282	111234	4.290	2.976	#
Total	Aroclor-1254			297086	243381	10.800	7.916	
Average	Aroclor-1254					3.600	2.639	
23) L7	Aroclor-1260	13.92	18.17	58354	38734	2.039	1.291	#
24) L7	Aroclor-1260 {2}	14.70	18.50	52562	45874	1.712	1.392	
25) L7	Aroclor-1260 {3}	17.92	21.92	29284	24166	0.769	0.518	#
Total	Aroclor-1260			140200	108774	4.520	3.201	
Average	Aroclor-1260					1.507	1.067	
26) L8	Aroclor-1268	18.86	0.00	8150	0	NoCal	N.D.	
27) L8	Aroclor-1268 {2}	19.03	0.00	21625	0	NoCal	N.D.	
28) L8	Aroclor-1268 {3}	21.82	28.13f	9519	2304	NoCal	NoCal	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

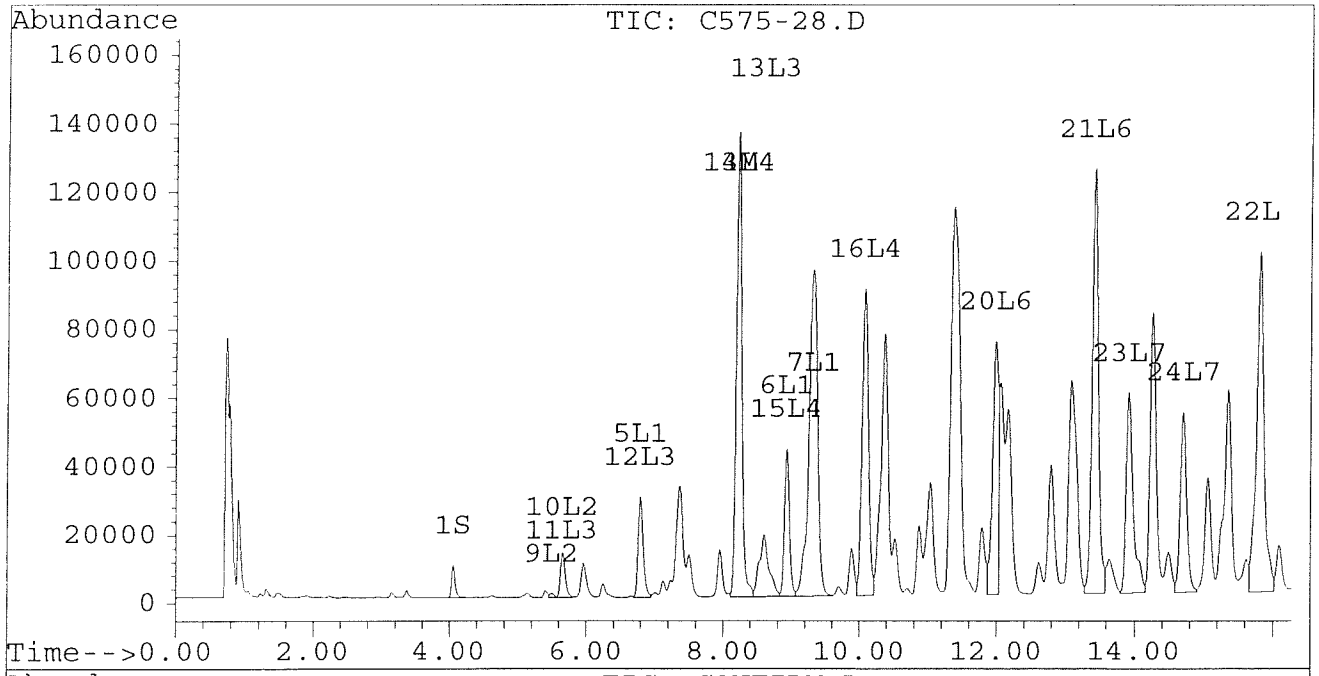
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

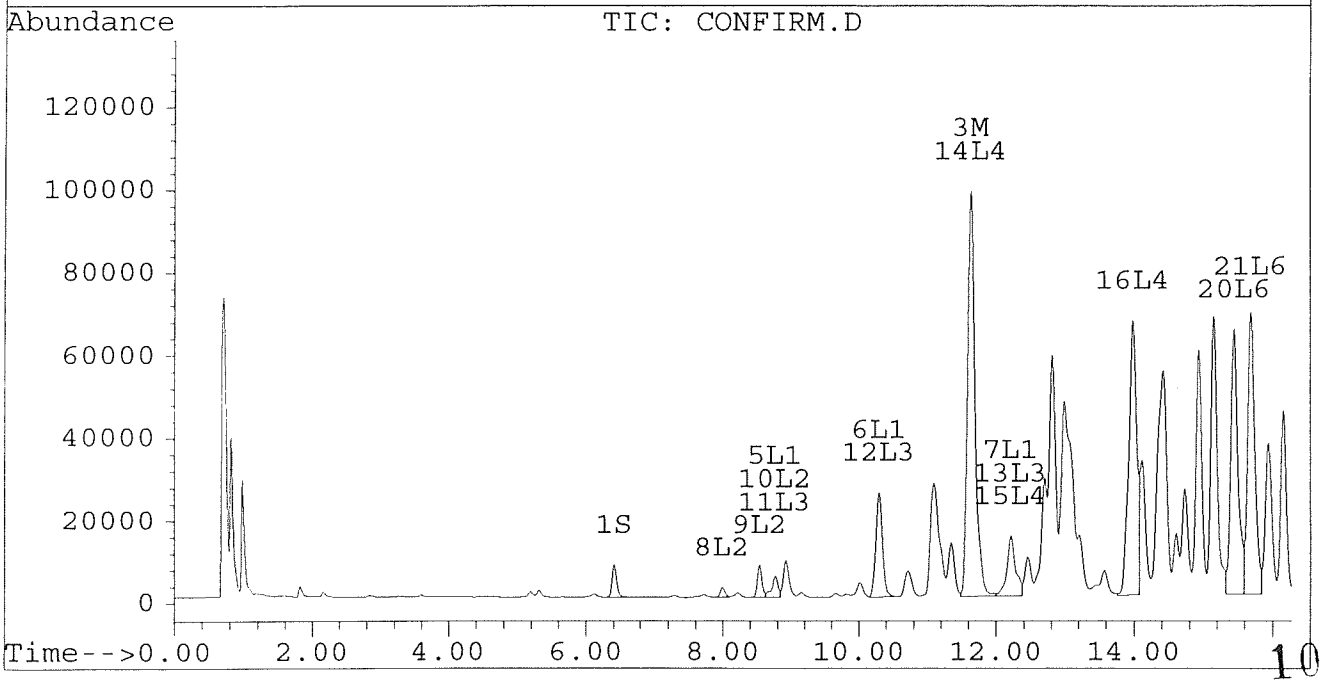
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-28.D Vial: 46
Signal #2 : D:\HPCHEM\5\JL02\C575-28.D\CONFIRM.D
Acq On : 03 Jul 96 03:43 PM Operator: JS
Sample : VHB / PJ10:I12 Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 3 16:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





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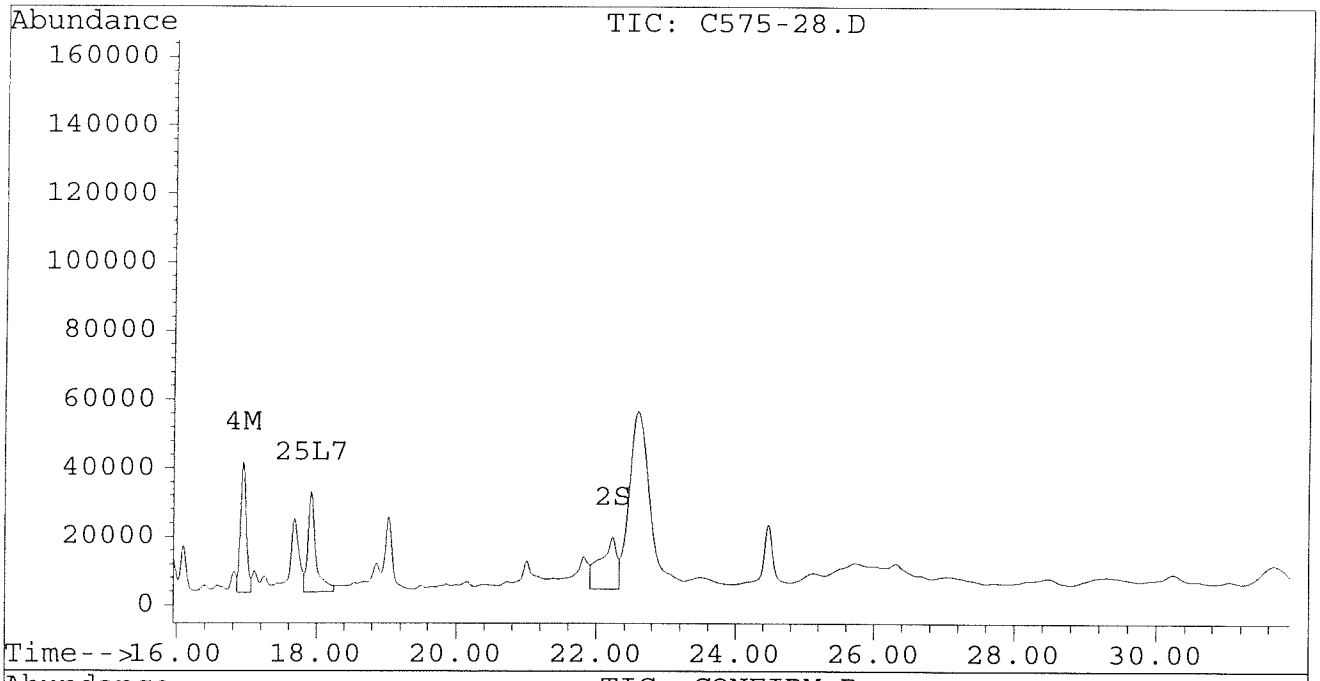
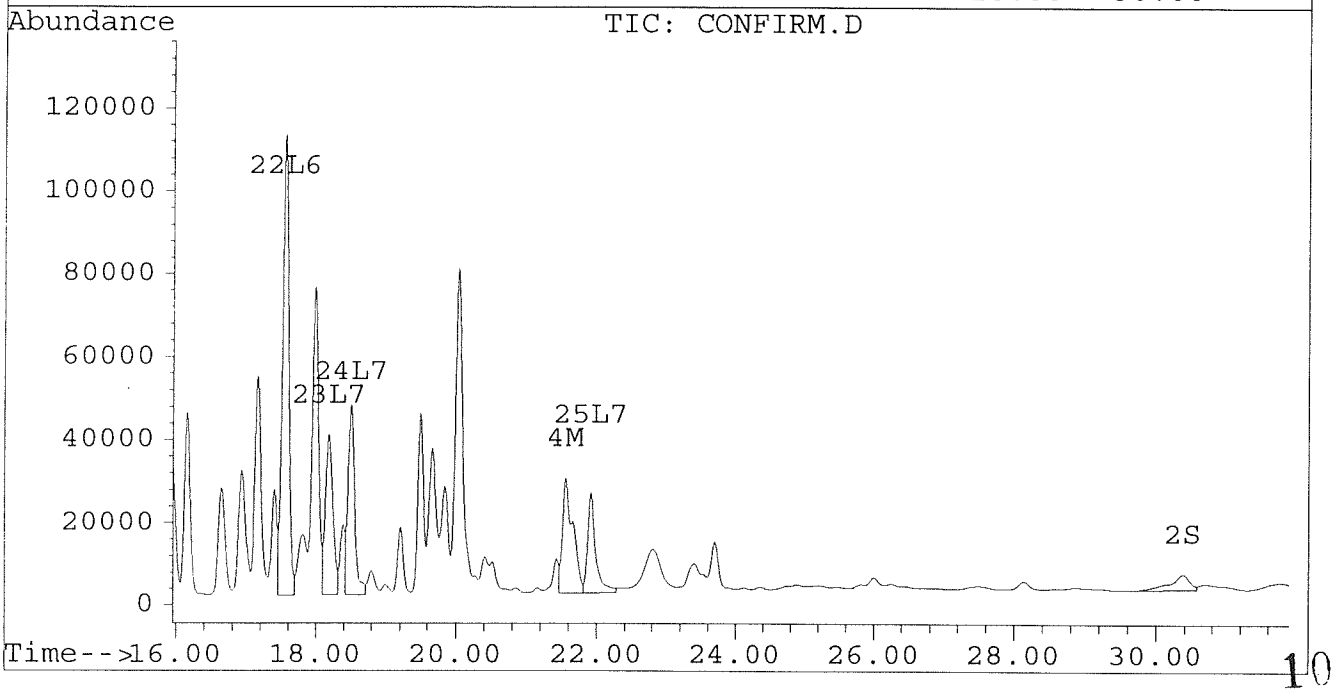
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-28.D Vial: 46
Signal #2 : D:\HPCHEM\5\JL02\C575-28.D\CONFIRM.D
Acq On : 03 Jul 96 03:43 PM Operator: JS
Sample : VHB / PJ10:I12 Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 3 16:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-28A.D Vial: 74
Signal #2 : D:\HPCHEM\5\JL02\C575-28A.D\CONFIRM.D
Acq On : 04 Jul 96 00:38 AM Operator: JS
Sample : VHB / PJ10:I12 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	2980	2528	0.013	0.014
				Recovery	=	32.50%	35.00%
2) S	Decachlorobiphenyl	22.23	30.40	2754	2543	0.014m	0.031m#
				Recovery	=	35.00%	77.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.64	52037	38689	0.511	0.382 #
4) M	2,2',3,3',4,4'-Hexa	16.94	21.56	13127	9389	0.142	0.070 #
5) L1	Aroclor-1016	6.80	8.77	11755	2008	0.385	0.153 #
6) L1	Aroclor-1016 {2}	8.93	10.29	15711	10345	1.044	0.386 #
7) L1	Aroclor-1016 {3}	9.32	12.22	39190	5484	1.600	0.330 #
Total	Aroclor-1016			66656	17836	3.029	0.868
Average	Aroclor-1016					1.010	0.289
8) L2	Aroclor-1221	0.00	7.99	0	861	N.D.	0.205 #
9) L2	Aroclor-1221 {2}	5.50	8.54	484	2551	0.119	0.759 #
10) L2	Aroclor-1221 {3}	5.66	8.77	4535	2008	0.327	0.196 #
Total	Aroclor-1221			5019	5419	0.446	1.159
Average	Aroclor-1221					0.223	0.386
11) L3	Aroclor-1232	5.66	8.77	4535	2008	0.377	0.221 #
12) L3	Aroclor-1232 {2}	6.80	10.29	11755	10345	1.348	1.382
13) L3	Aroclor-1232 {3}	8.60	12.22	6825	5484	1.300	1.279
Total	Aroclor-1232			23115	17836	3.025	2.882
Average	Aroclor-1232					1.008	0.961
14) L4	Aroclor-1242	8.22	11.64	52037	38689	1.386	1.326
15) L4	Aroclor-1242 {2}	8.93	12.22	15711	5484	1.418	0.436 #
16) L4	Aroclor-1242 {3}	10.07	13.98	35720	26940	2.440	2.158
Total	Aroclor-1242			103468	71113	5.244	3.920
Average	Aroclor-1242					1.748	1.307
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-28A.D Vial: 74
Signal #2 : D:\HPCHEM\5\JL02\C575-28A.D\CONFIRM.D
Acq On : 04 Jul 96 00:38 AM Operator: JS
Sample : VHB / PJ10:I12 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	29662	26356	1.110	1.023
21) L6	Aroclor-1254 {2}	13.43	15.69	47936	28180	1.449	1.016 #
22) L6	Aroclor-1254 {3}	15.82	17.55	36984	44138	1.598	1.181 #
Total	Aroclor-1254			114582	98675	4.157	3.220
Average	Aroclor-1254					1.386	1.073
23) L7	Aroclor-1260	13.92	18.18	22431	15530	0.784	0.517 #
24) L7	Aroclor-1260 {2}	14.71	18.50	20110	18160	0.655	0.551
25) L7	Aroclor-1260 {3}	17.92	21.92	8681	8141	0.228	0.174
Total	Aroclor-1260			51222	41831	1.667	1.243
Average	Aroclor-1260					0.556	0.414
26) L8	Aroclor-1268	18.86	0.00	1926	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	6202	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.82	0.00	2287	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

1,326

$$\frac{6.436}{1.742 \times 10} \times 3 = 2,798$$

$$0.0305 \times .93 \times .666$$

2800

1.016
1.181

$$\frac{1.197 \times 10}{0.0305 \times .93 \times .666} \times 3 = 1,900$$

104

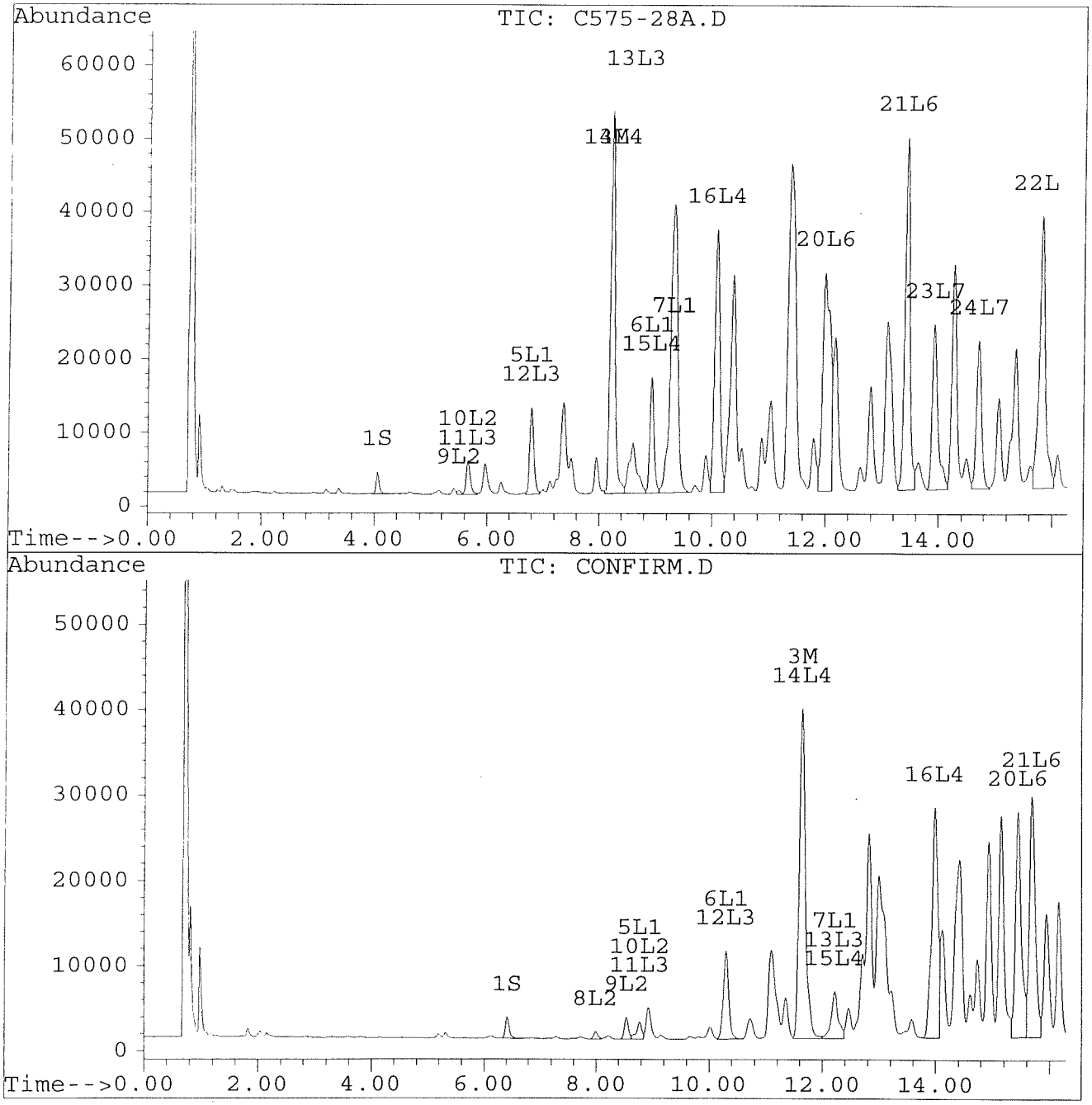
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-28A.D Vial: 74
Signal #2 : D:\HPCHEM\5\JL02\C575-28A.D\CONFIRM.D
Acq On : 04 Jul 96 00:38 AM Operator: JS
Sample : VHB / PJ10:I12 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

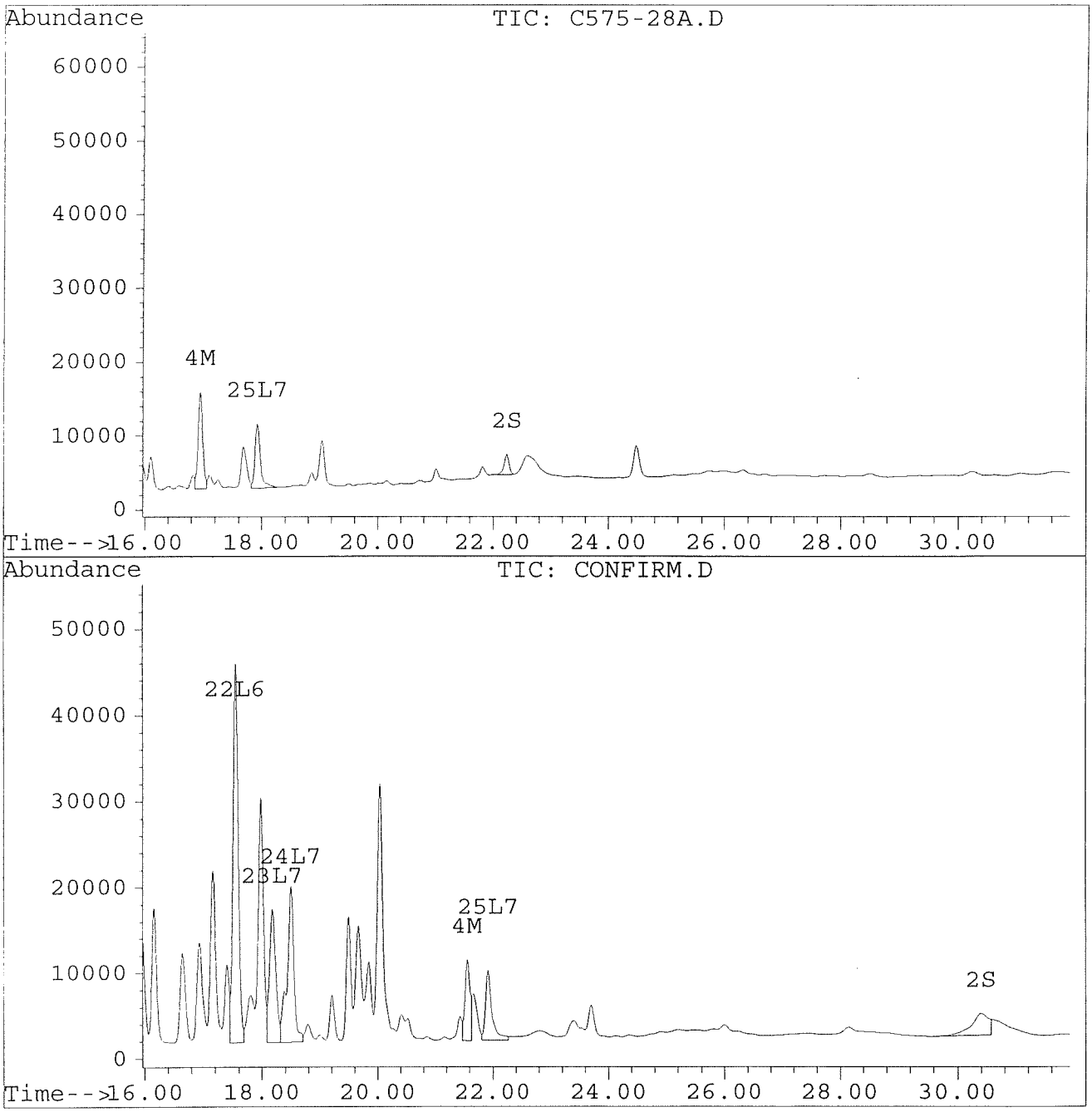


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-28A.D Vial: 74
Signal #2 : D:\HPCHEM\5\JL02\C575-28A.D\CONFIRM.D
Acq On : 04 Jul 96 00:38 AM Operator: JS
Sample : VHB / PJ10:I12 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-31A.D Vial: 6
Signal #2 : D:\HPCHEM\5\JL02\C575-31A.D\CONFIRM.D
Acq On : 05 Jul 96 06:20 PM Operator: JS
Sample : VHB / PM4:O6 9 1:30 DIL Inst : ECD1
Misc : 30.4G/10ML 8 7% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	208	266	0.001	0.001 #
				Recovery	=	2.50%	2.50% 75
2) S	Decachlorobiphenyl	22.17f	30.37	756	60	0.004m	0.001m#
				Recovery	=	10.00%	2.50% 75
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.64	51242	36730	0.503	0.362 #
4) M	2,2',3,3',4,4'-Hexa	16.95	21.56	6206	4810	0.067	0.036 #
5) L1	Aroclor-1016	6.79	8.77	10956	1988	0.359	0.151 #
6) L1	Aroclor-1016 {2}	8.93	10.30	14846	9584	0.986	0.357 #
7) L1	Aroclor-1016 {3}	9.32	12.22	25791	6174	1.053	0.371 #
Total	Aroclor-1016			51593	17747	2.398	0.879
Average	Aroclor-1016					0.799	0.293
8) L2	Aroclor-1221	5.08	8.00	245	337	0.051	0.080 #
9) L2	Aroclor-1221 {2}	5.50	8.54	487	972	0.120	0.289 #
10) L2	Aroclor-1221 {3}	5.67	8.77	3724	1988	0.268	0.194 #
Total	Aroclor-1221			4456	3297	0.439	0.563
Average	Aroclor-1221					0.146	0.188
11) L3	Aroclor-1232	5.67	8.77	3724	1988	0.310	0.219 #
12) L3	Aroclor-1232 {2}	6.79	10.30	10956	9584	1.257	1.280
13) L3	Aroclor-1232 {3}	8.60	12.22	7200	6174	1.371	1.440
Total	Aroclor-1232			21880	17747	2.938	2.939
Average	Aroclor-1232					0.979	0.980
14) L4	Aroclor-1242	8.21	11.64	51242	36730	1.365	1.259
15) L4	Aroclor-1242 {2}	8.93	12.22	14846	6174	1.340	0.491 #
16) L4	Aroclor-1242 {3}	10.07	13.98	22885	17075	1.563	1.368
Total	Aroclor-1242			88974	59979	4.268	3.117
Average	Aroclor-1242					1.423	1.039
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-31A.D Vial: 6
Signal #2 : D:\HPCHEM\5\JL02\C575-31A.D\CONFIRM.D
Acq On : 05 Jul 96 06:20 PM Operator: JS
Sample : VHB / PM4:O6 1:30 DIL Inst : ECD1
Misc : 30.4G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.45	14565	12838	0.545	0.498
21) L6 Aroclor-1254 {2}	13.42	15.69	21921	13839	0.663	0.499
22) L6 Aroclor-1254 {3}	15.82	17.54	15585	19839	0.673	0.531
Total Aroclor-1254			52072	46517	1.881	1.528
Average Aroclor-1254					0.627	0.509
23) L7 Aroclor-1260	13.92	18.18	10461	7048	0.365	0.235 #
24) L7 Aroclor-1260 {2}	14.70	18.50	8971	8139	0.292	0.247
25) L7 Aroclor-1260 {3}	17.92	21.92	3980	4773	0.105	0.102
Total Aroclor-1260			23413	19959	0.762	0.584
Average Aroclor-1260					0.254	0.195
26) L8 Aroclor-1268	18.85	0.00	1394	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	3046	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	28.13f	4098	1076	NoCal	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$\frac{1.259 + 0.491}{\frac{1.750 \times 10}{0.0304 \times .89 \times .666}} \times 30 = 29135$ → 29000

$\frac{0.499 + 0.531}{\frac{1.030 \times 10}{0.0304 \times .89 \times .666}} \times 30 = 17148$ → 17000

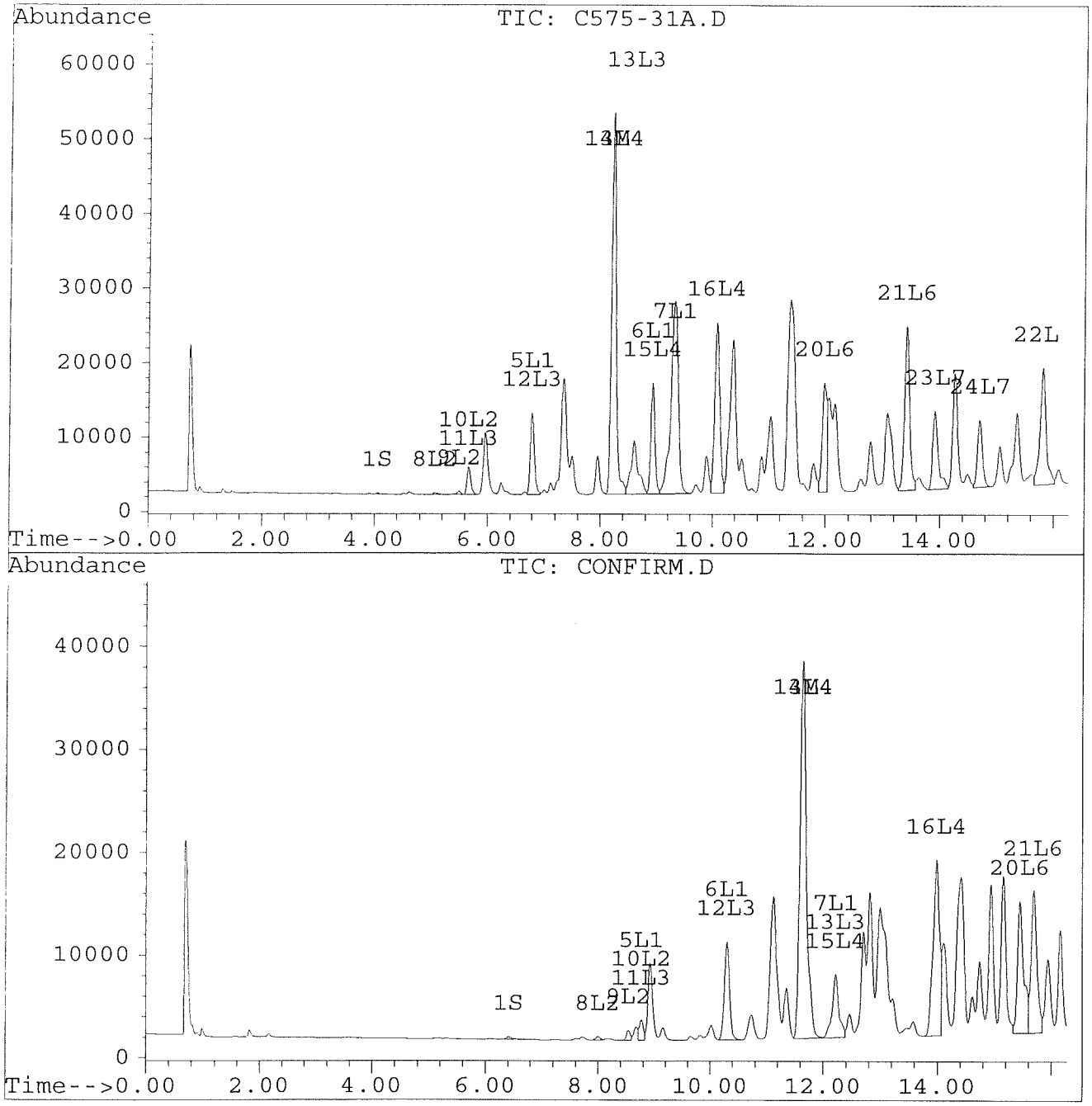
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-31A.D Vial: 6
Signal #2 : D:\HPCHEM\5\JL02\C575-31A.D\CONFIRM.D
Acq On : 05 Jul 96 06:20 PM Operator: JS
Sample : VHB / PM4:O6 1:30 DIL Inst : ECD1
Misc : 30.4G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

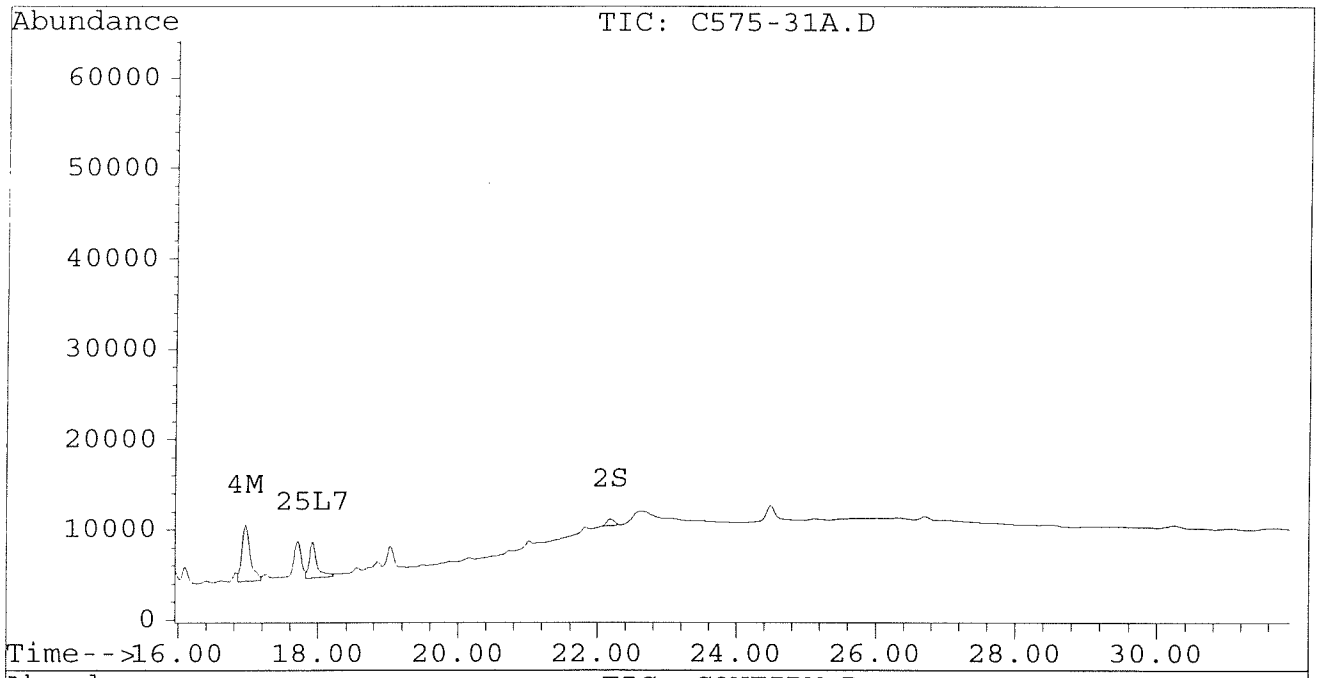


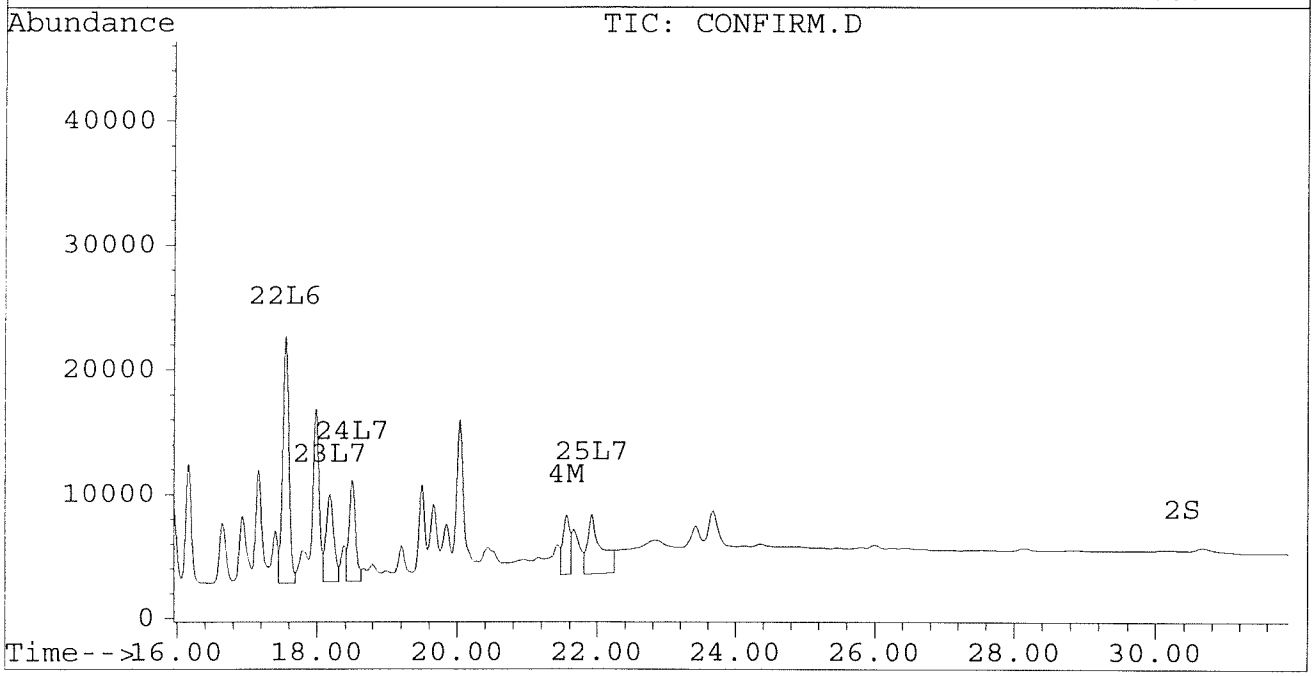
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-31A.D Vial: 6
Signal #2 : D:\HPCHEM\5\JL02\C575-31A.D\CONFIRM.D
Acq On : 05 Jul 96 06:20 PM Operator: JS
Sample : VHB / PM4:06 9 1:30 DIL Inst : ECD1
Misc : 30.4G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-34A.D Vial: 7
Signal #2 : D:\HPCHEM\5\JL02\C575-34A.D\CONFIRM.D
Acq On : 05 Jul 96 06:55 PM Operator: JS
Sample : VHB / PM7:09 1:25 DIL Inst : ECD1
Misc : 30.1G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.42	193	252	0.001m	0.001m#
					Recovery	=	2.50%	2.50% 62
2)	S	Decachlorobiphenyl	22.20	30.37	465	68	0.002m	0.001m#
					Recovery	=	5.00%	2.50% 62
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.64	37443	27947	0.368	0.276
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.56	4547	3468	0.049	0.026 #
5)	L1	Aroclor-1016	6.79	8.77	6789	2182	0.222	0.166 #
6)	L1	Aroclor-1016 {2}	8.93	10.30	10492	6254	0.697	0.233 #
7)	L1	Aroclor-1016 {3}	9.32	12.22	20589	4056	0.841	0.244 #
		Total Aroclor-1016			37870	12492	1.760	0.643
		Average Aroclor-1016					0.587	0.214
8)	L2	Aroclor-1221	5.07	8.00	491	594	0.102	0.142 #
9)	L2	Aroclor-1221 {2}	5.50	8.54	587	1240	0.145	0.369 #
10)	L2	Aroclor-1221 {3}	5.67	8.77	3655	2182	0.263	0.213
		Total Aroclor-1221			4734	4016	0.510	0.723
		Average Aroclor-1221					0.170	0.241
11)	L3	Aroclor-1232	5.67	8.77	3655	2182	0.304	0.240
12)	L3	Aroclor-1232 {2}	6.79	10.30	6789	6254	0.779	0.835
13)	L3	Aroclor-1232 {3}	8.60	12.22	4671	4056	0.889	0.946
		Total Aroclor-1232			15115	12492	1.972	2.022
		Average Aroclor-1232					0.657	0.674
14)	L4	Aroclor-1242	8.22	11.64	37443	27947	0.997	0.958
15)	L4	Aroclor-1242 {2}	8.93	12.22	10492	4056	0.947	0.322 #
16)	L4	Aroclor-1242 {3}	10.07	13.99	17786	13835	1.215	1.108
		Total Aroclor-1242			65720	45838	3.159	2.389
		Average Aroclor-1242					1.053	0.796
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-34A.D Vial: 7
Signal #2 : D:\HPCHEM\5\JL02\C575-34A.D\CONFIRM.D
Acq On : 05 Jul 96 06:55 PM Operator: JS
Sample : VHB / PM7:O9 1:25 DIL Inst : ECD1
Misc : 30.1G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.99	15.45	12120	10725	0.453	0.416
21) L6	Aroclor-1254 {2}	13.43	15.69	17689	11587	0.535	0.418
22) L6	Aroclor-1254 {3}	15.82	17.55	12893	16465	0.557	0.440
Total	Aroclor-1254			42701	38777	1.545	1.274
Average	Aroclor-1254					0.515	0.425
23) L7	Aroclor-1260	13.92	18.18	8467	5715	0.296	0.190 #
24) L7	Aroclor-1260 {2}	14.71	18.50	7384	6663	0.241	0.202
25) L7	Aroclor-1260 {3}	17.92	21.92	3774	3493	0.099	0.075
Total	Aroclor-1260			19626	15872	0.636	0.467
Average	Aroclor-1260					0.212	0.156
26) L8	Aroclor-1268	18.86	0.00	1632	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	3016	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.81	28.13f	4007	1166	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

$\frac{0.958 \quad 6.322 \quad 1280 \times 10}{0.0301 \times .91 \times .666} \times 25 = 17525$ → 18000

$\frac{0.416 \quad 0.418 \quad 0.834 \times 10}{0.0301 \times .91 \times .866} \times 25 = 11429$ → 11000

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

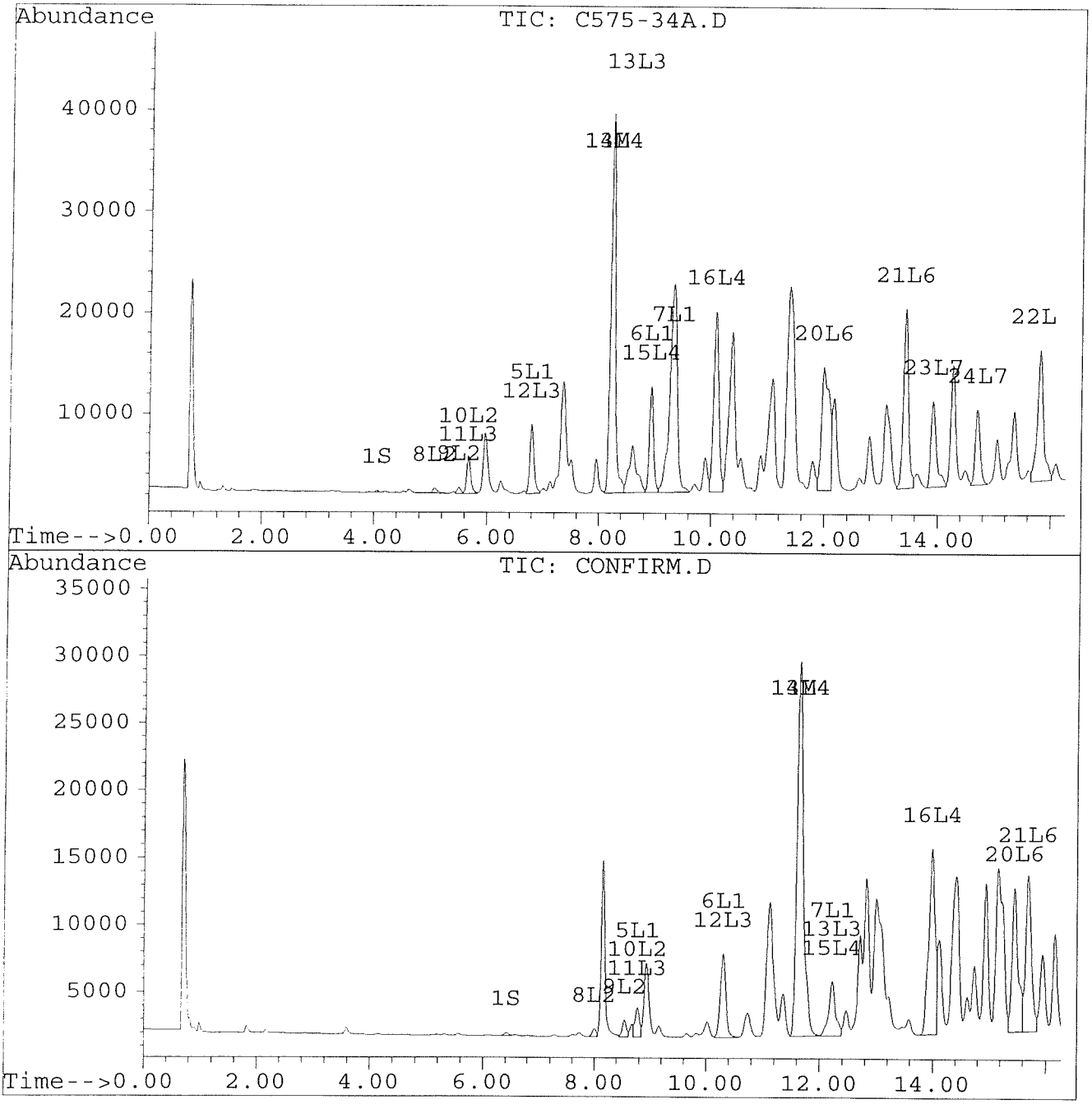
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-34A.D
Signal #2 : D:\HPCHEM\5\JL02\C575-34A.D\CONFIRM.D
Acq On : 05 Jul 96 06:55 PM
Sample : VHB / PM7:09 1:25 DIL
Misc : 30.1G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Jul 8 12:11 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

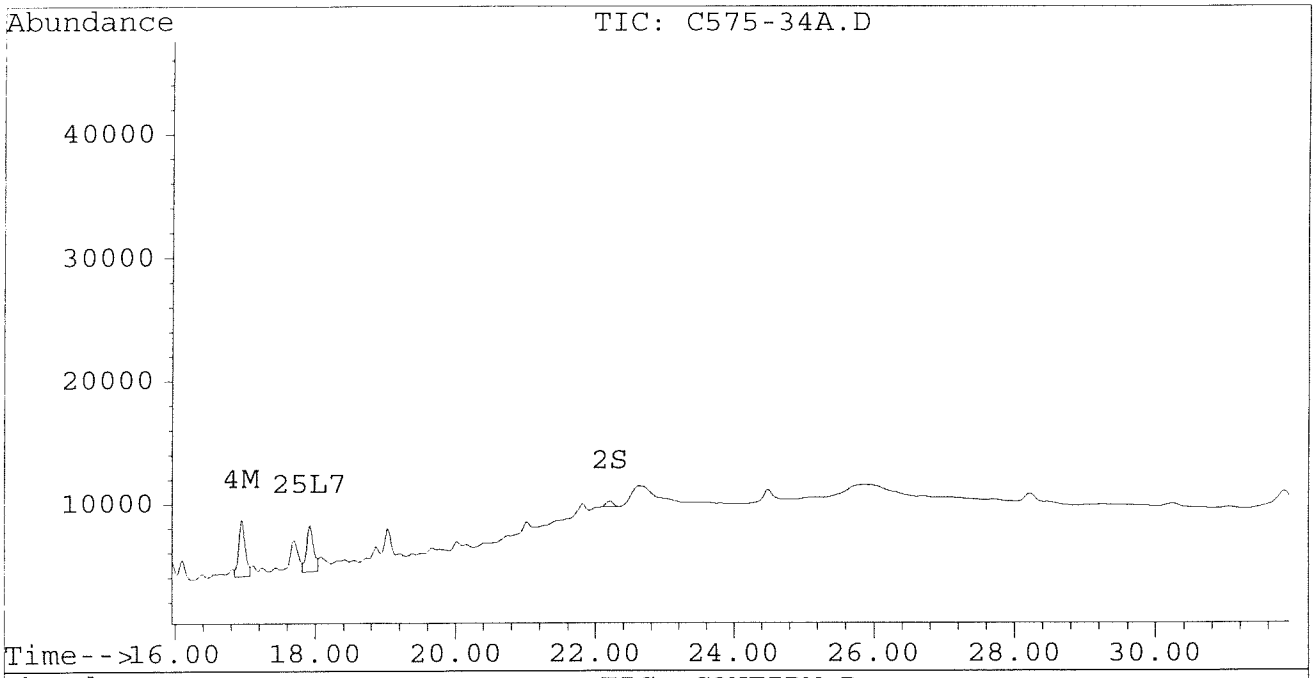


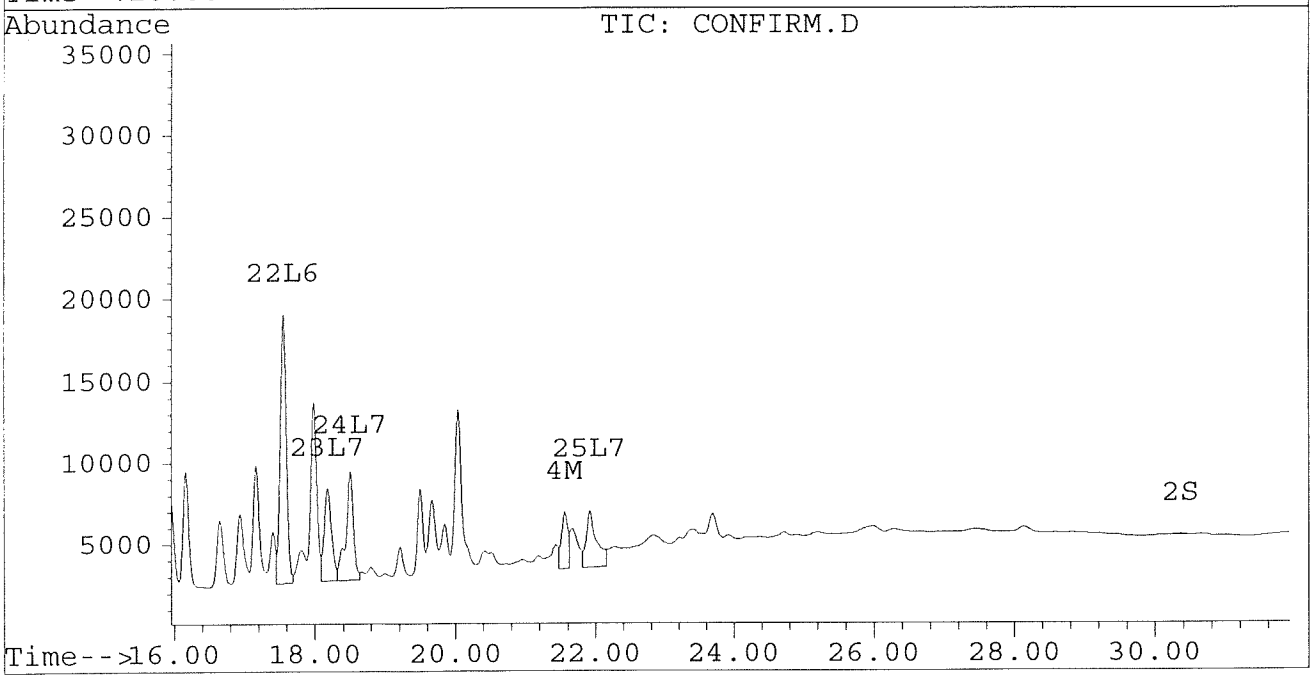
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-34A.D Vial: 7
Signal #2 : D:\HPCHEM\5\JL02\C575-34A.D\CONFIRM.D
Acq On : 05 Jul 96 06:55 PM Operator: JS
Sample : VHB / PM7:O9 1:25 DIL Inst : ECD1
Misc : 30.1G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-37A.D Vial: 8
Signal #2 : D:\HPCHEM\5\JL02\C575-37A.D\CONFIRM.D
Acq On : 05 Jul 96 07:31 PM Operator: JS
Sample : VHB / PM10:O12 1:25 DIL Inst : ECD1
Misc : 30.2G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.42	234	274	0.001m	0.001 #
					Recovery	=	2.50%	2.50%
2)	S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.
					Recovery	=	0.00%	0.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.21	11.64	41229	30321	0.405	0.299 #
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.56	4841	4118	0.052	0.031 #
5)	L1	Aroclor-1016	6.79	8.77	12656	2150	0.414	0.163 #
6)	L1	Aroclor-1016 {2}	8.93	10.30	11330	11079	0.753	0.413 #
7)	L1	Aroclor-1016 {3}	9.32	12.22	23052	6348	0.941	0.382 #
		Total Aroclor-1016			47038	19577	2.108	0.958
		Average Aroclor-1016					0.703	0.319
8)	L2	Aroclor-1221	5.08	8.00	225	332	0.046	0.079 #
9)	L2	Aroclor-1221 {2}	5.50	8.54	535	1083	0.132	0.322 #
10)	L2	Aroclor-1221 {3}	5.67	8.77	3553	2150	0.256	0.209
		Total Aroclor-1221			4313	3565	0.434	0.611
		Average Aroclor-1221					0.145	0.204
11)	L3	Aroclor-1232	5.67	8.77	3553	2150	0.296	0.237
12)	L3	Aroclor-1232 {2}	6.79	10.30	12656	11079	1.452	1.480
13)	L3	Aroclor-1232 {3}	8.60	12.22	7369	6348	1.403	1.481
		Total Aroclor-1232			23578	19577	3.150	3.197
		Average Aroclor-1232					1.050	1.066
14)	L4	Aroclor-1242	8.21	11.64	41229	30321	1.098	1.039
15)	L4	Aroclor-1242 {2}	8.93	12.22	11330	6348	1.023	0.504 #
16)	L4	Aroclor-1242 {3}	10.07	13.98	19728	15346	1.348	1.229
		Total Aroclor-1242			72287	52016	3.468	2.773
		Average Aroclor-1242					1.156	0.924
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-37A.D
Signal #2 : D:\HPCHEM\5\JL02\C575-37A.D\CONFIRM.D
Acq On : 05 Jul 96 07:31 PM
Sample : VHB / PM10:O12 1:25 DIL
Misc : 30.2G/10ML 93% SOLID PCB ANALYSIS
Quant Time: Jul 8 12:12 1996

Vial: 8
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.45	13443	11527	0.503	0.448
21) L6	Aroclor-1254 {2}	13.42	15.69	19589	12667	0.592	0.457
22) L6	Aroclor-1254 {3}	15.82	17.55	14370	18547	0.621	0.496
Total	Aroclor-1254			47402	42740	1.716	1.400
Average	Aroclor-1254					0.572	0.467
23) L7	Aroclor-1260	13.92	18.18	9516	6325	0.332	0.211 #
24) L7	Aroclor-1260 {2}	14.70	18.50	8171	7524	0.266	0.228
25) L7	Aroclor-1260 {3}	17.91	21.92	3723	4234	0.098	0.091
Total	Aroclor-1260			21410	18083	0.696	0.530
Average	Aroclor-1260					0.232	0.177
26) L8	Aroclor-1268	18.85	0.00	1101	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	23.54	2805	1800	NoCal	NoCal
28) L8	Aroclor-1268 {3}	21.81	28.14f	3125	883	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

$\frac{1.039 + 0.504}{\frac{1.543 \times 10}{0.0302 \times .93 \times .666}} \times 25 = 20622$ → 21000

$\frac{0.457 + 0.496}{\frac{0.953 \times 10}{0.0302 \times .93 \times .666}} \times 25 = 12737$ → 13000

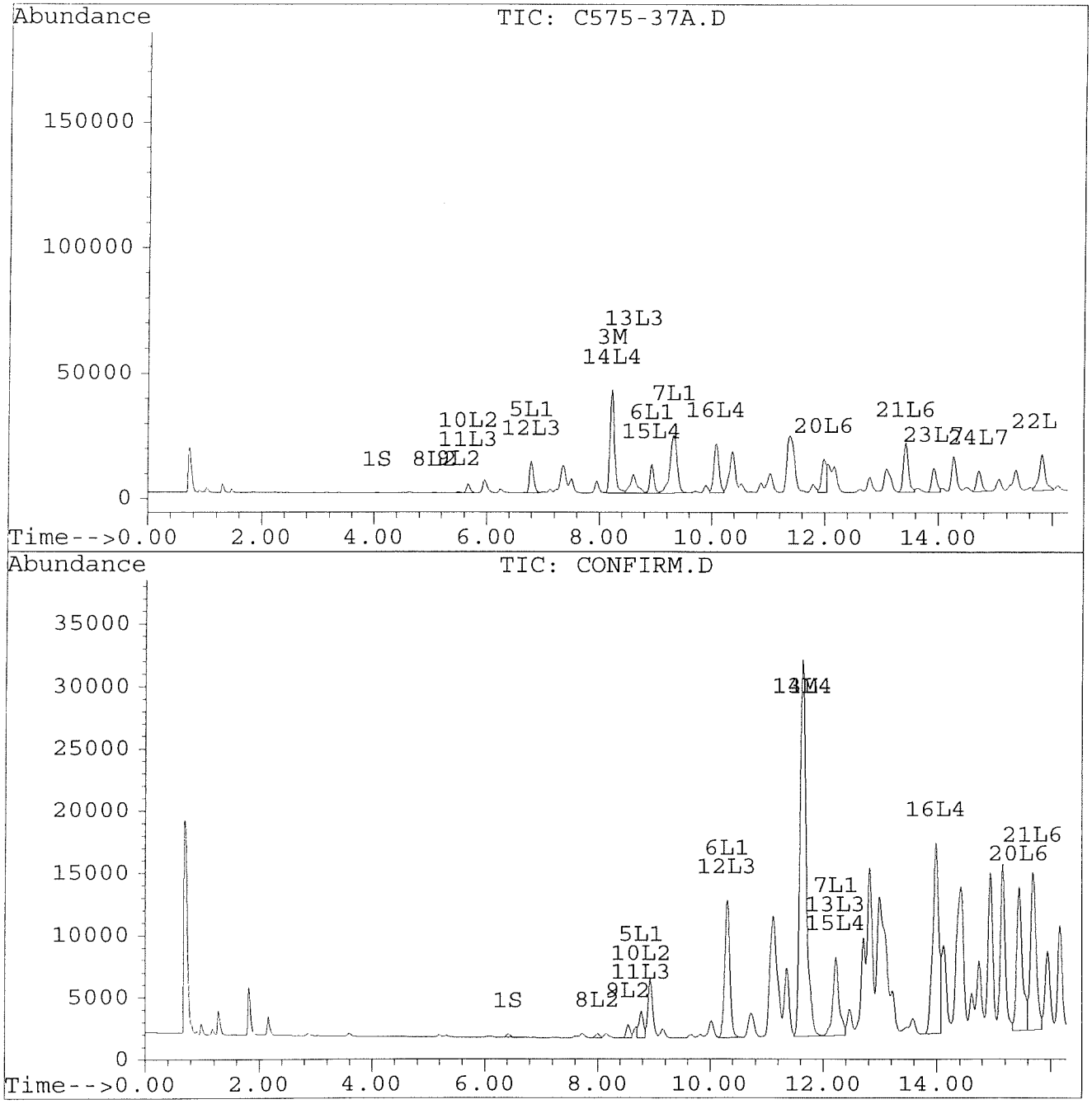
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-37A.D Vial: 8
Signal #2 : D:\HPCHEM\5\JL02\C575-37A.D\CONFIRM.D
Acq On : 05 Jul 96 07:31 PM Operator: JS
Sample : VHB / PM10:O12 1:25 DIL Inst : ECD1
Misc : 30.2G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

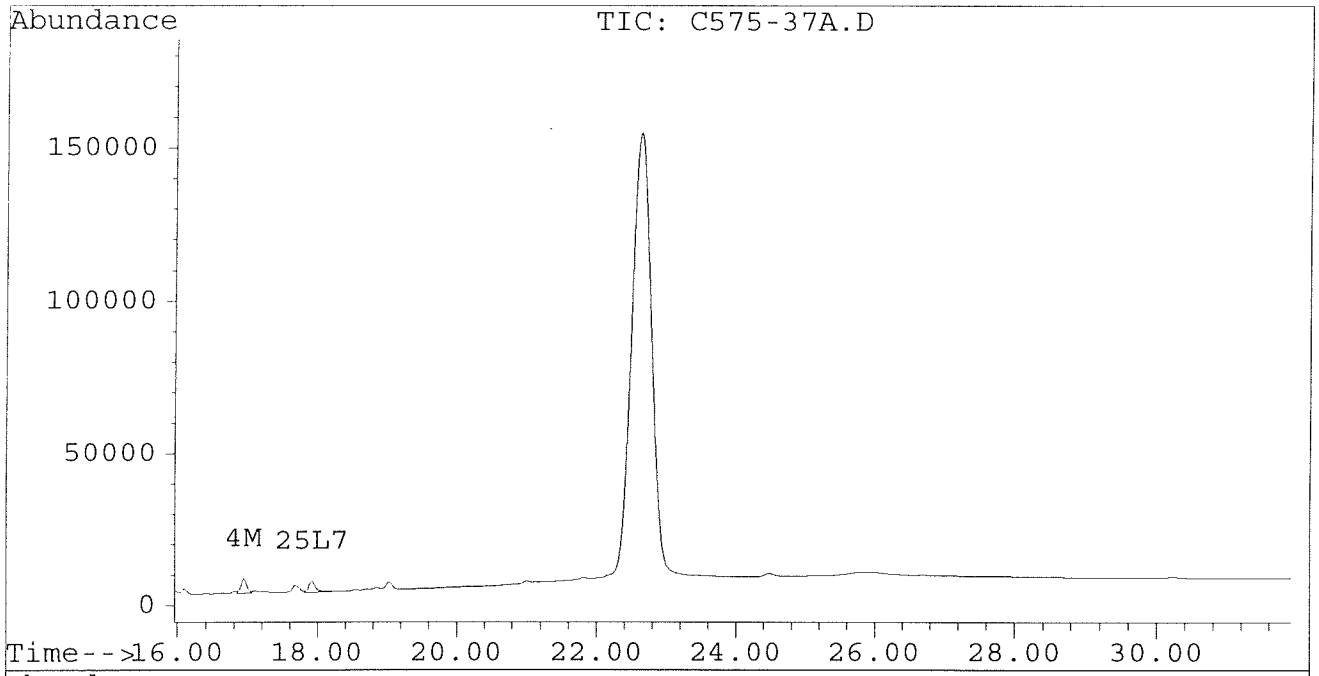


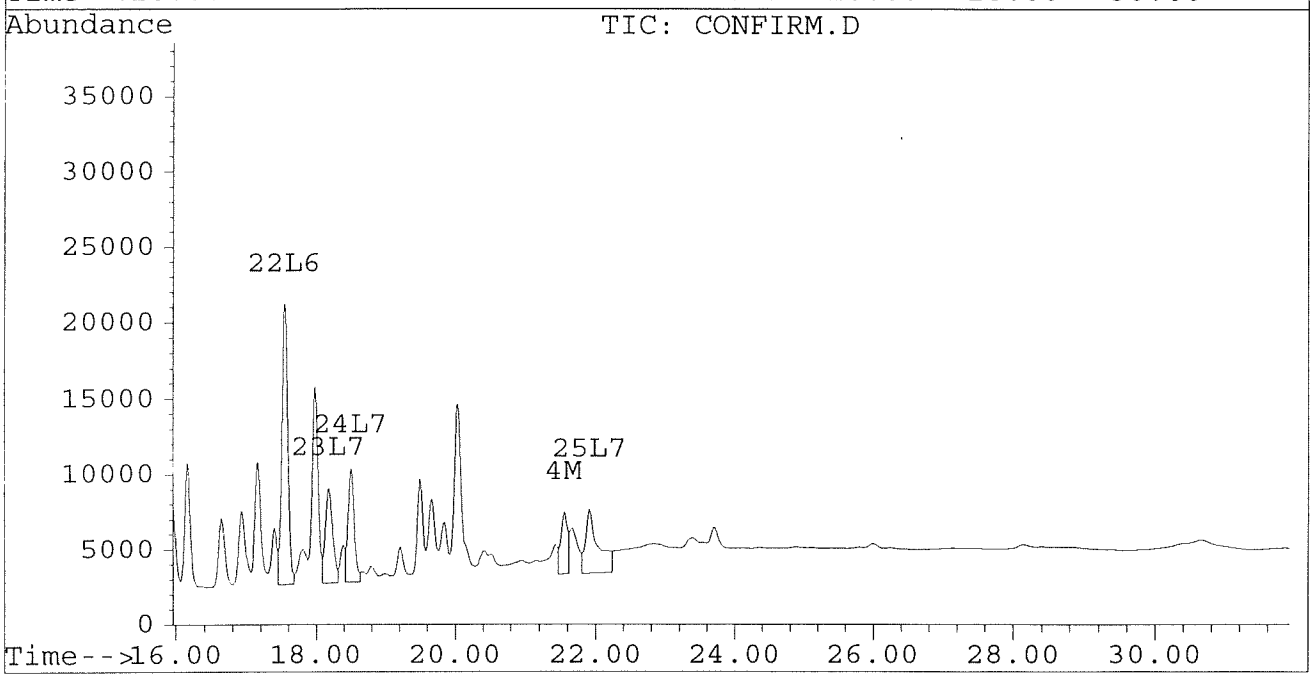
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-37A.D Vial: 8
Signal #2 : D:\HPCHEM\5\JL02\C575-37A.D\CONFIRM.D
Acq On : 05 Jul 96 07:31 PM Operator: JS
Sample : VHB / PM10:O12 1:25 DIL Inst : ECD1
Misc : 30.2G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-37.D Vial: 49
Signal #2 : D:\HPCHEM\5\JL02\C575-37.D\CONFIRM.D
Acq On : 03 Jul 96 05:30 PM Operator: JS
Sample : VHB / PM10:O12 Inst : ECD1
Misc : 30.2G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.06	6.41	9193	8161	0.040	0.044m	
					Recovery	=	100.00%	110.00%	
2)	S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.	
					Recovery	=	0.00%	0.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.64	826464	587625	8.116	5.799	#
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.56	136448	100292	1.479	0.746	#
5)	L1	Aroclor-1016	6.79	8.77	235063	43883	7.693	3.334	#
6)	L1	Aroclor-1016 {2}	8.93	10.29	263877	197513	17.534	7.361	#
7)	L1	Aroclor-1016 {3}	9.32	12.22	417940	129437	17.067	7.782	#
		Total Aroclor-1016			916880	370833	42.294	18.477	
		Average Aroclor-1016					14.098	6.159	
8)	L2	Aroclor-1221	5.08	7.99	6019	8955	1.244	2.135	#
9)	L2	Aroclor-1221 {2}	5.50	8.54	12845	31891	3.163	9.482	#
10)	L2	Aroclor-1221 {3}	5.67	8.77	82163	43883	5.921	4.275	#
		Total Aroclor-1221			101027	84729	10.328	15.892	
		Average Aroclor-1221					3.443	5.297	
11)	L3	Aroclor-1232	5.67	8.77	82163	43883	6.837	4.833	#
12)	L3	Aroclor-1232 {2}	6.79	10.29	235063	197513	26.961	26.381	
13)	L3	Aroclor-1232 {3}	8.60	12.22	156945	129437	29.885	30.190	
		Total Aroclor-1232			474170	370833	63.684	61.404	
		Average Aroclor-1232					21.228	20.468	
14)	L4	Aroclor-1242	8.22	11.64	826464	587625	22.009	20.140	
15)	L4	Aroclor-1242 {2}	8.93	12.22	263877	129437	23.819	10.286	#
16)	L4	Aroclor-1242 {3}	10.07	13.98	392852	292630	26.833	23.443	
		Total Aroclor-1242			1483193	1009693	72.662	53.869	
		Average Aroclor-1242					24.221	17.956	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-37.D Vial: 49
Signal #2 : D:\HPCHEM\5\JL02\C575-37.D\CONFIRM.D
Acq On : 03 Jul 96 05:30 PM Operator: JS
Sample : VHB / PM10:O12 Inst : ECD1
Misc : 30.2G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	11.98	15.44	259085	225491	9.691	8.754	
21) L6	Aroclor-1254 {2}	13.43	15.69	430791	240757	13.022	8.676	#
22) L6	Aroclor-1254 {3}	15.82	17.55	340461	392183	14.712	10.492	#
Total	Aroclor-1254			1030336	858430	37.425	27.923	
Average	Aroclor-1254					12.475	9.308	
23) L7	Aroclor-1260	13.92	18.18	203521	131693	7.110	4.388	#
24) L7	Aroclor-1260 {2}	14.71	18.50	176938	159952	5.765	4.854	
25) L7	Aroclor-1260 {3}	17.92	21.92	114980	94493	3.021	2.024	#
Total	Aroclor-1260			495439	386138	15.895	11.267	
Average	Aroclor-1260					5.298	3.756	
26) L8	Aroclor-1268	18.86	0.00	31951	0	NoCal	N.D.	
27) L8	Aroclor-1268 {2}	19.03	23.54	85977	16427	NoCal	NoCal	
28) L8	Aroclor-1268 {3}	21.82	0.00	29339	0	NoCal	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

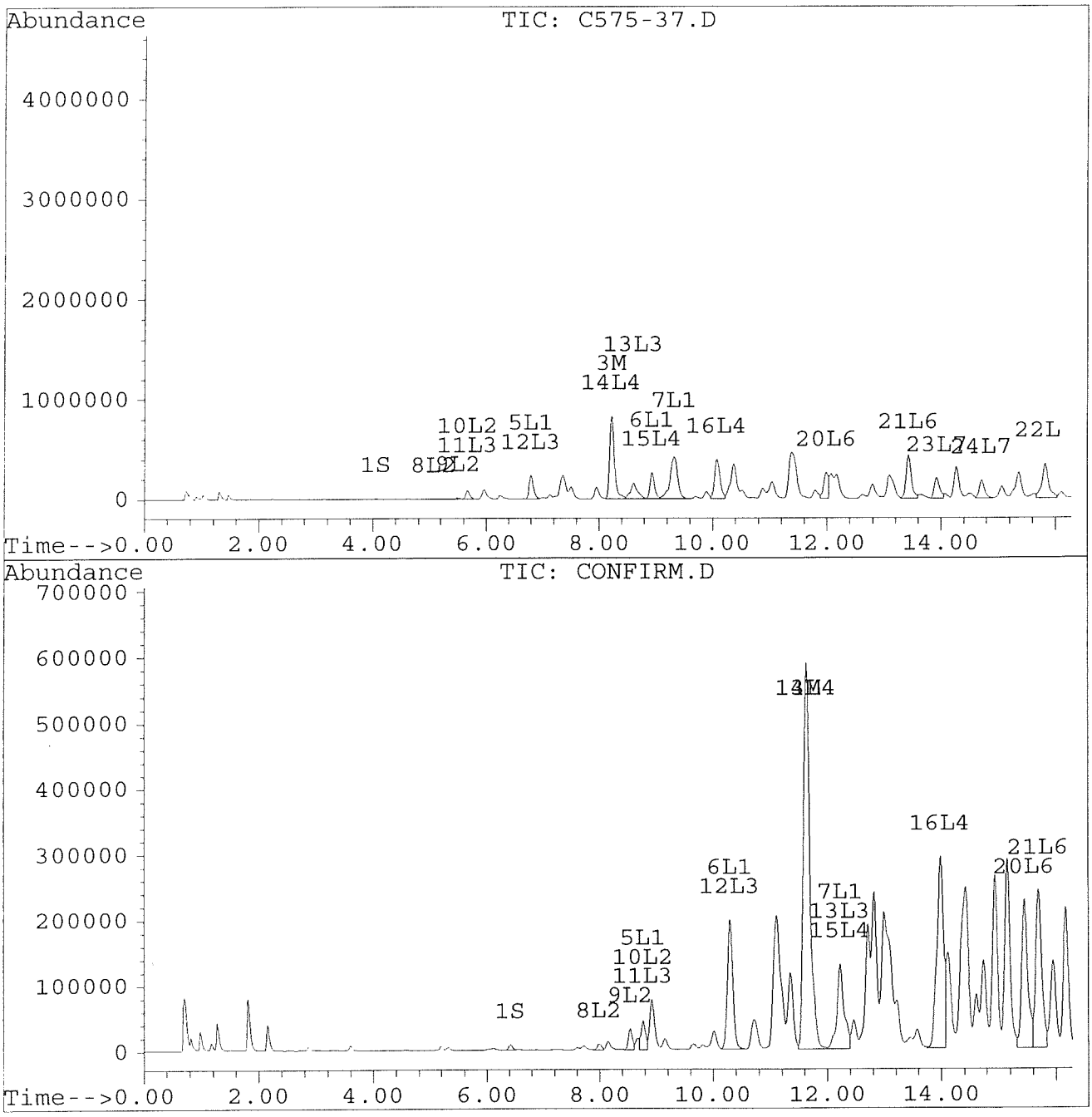
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-37.D Vial: 49
Signal #2 : D:\HPCHEM\5\JL02\C575-37.D\CONFIRM.D
Acq On : 03 Jul 96 05:30 PM Operator: JS
Sample : VHB / PM10:O12 Inst : ECD1
Misc : 30.2G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



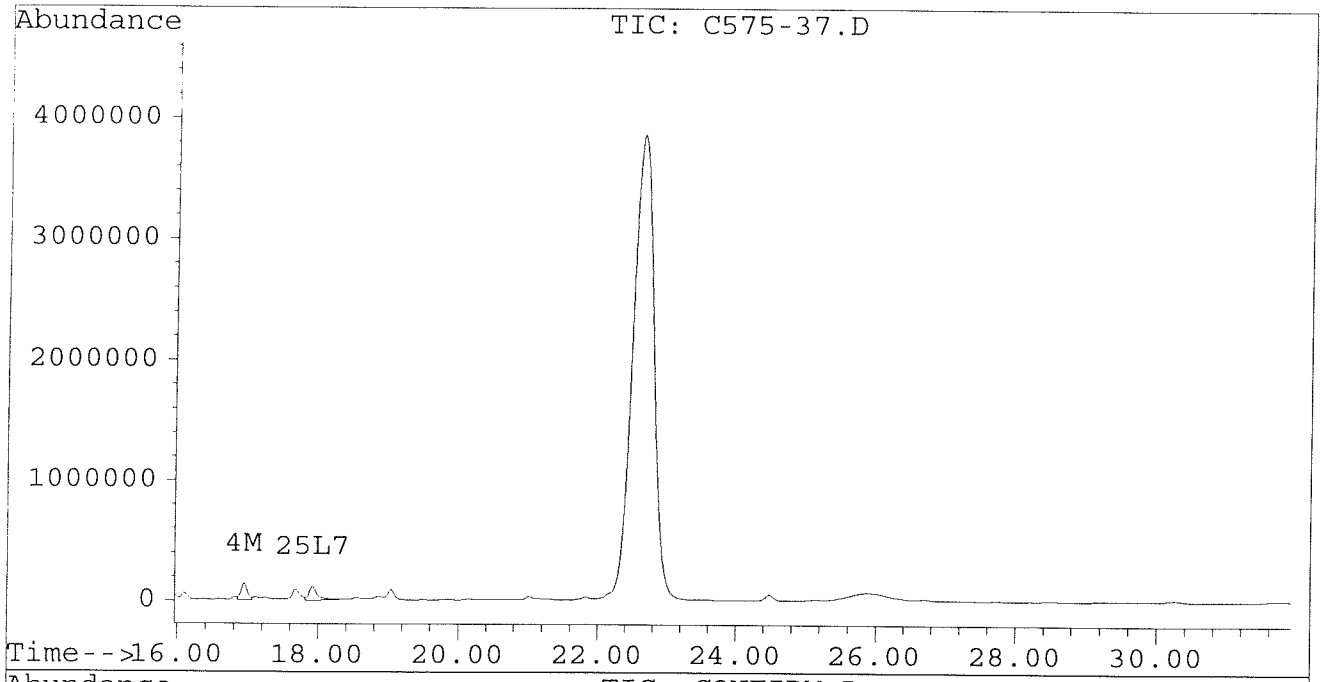
Quantitation Report

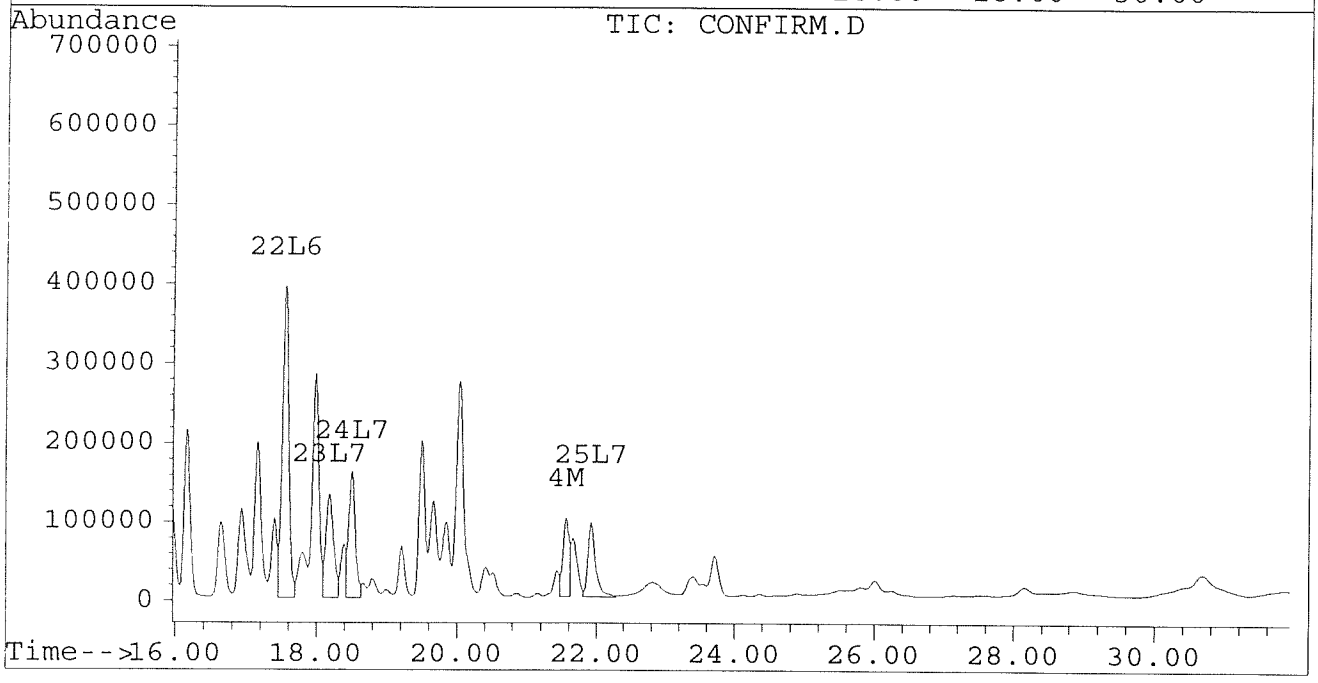
Signal #1 : D:\HPCHEM\5\JL02\C575-37.D
Signal #2 : D:\HPCHEM\5\JL02\C575-37.D\CONFIRM.D
Acq On : 03 Jul 96 05:30 PM
Sample : VHB / PM10:O12
Misc : 30.2G/10ML 93% SOLID PCB ANALYSIS
Quant Time: Jul 8 12:14 1996

Vial: 49
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-40A.D Vial: 9
Signal #2 : D:\HPCHEM\5\JL02\C575-40A.D\CONFIRM.D
Acq On : 05 Jul 96 08:06 PM Operator: JS
Sample : VHB / PP4:R6 1:15 DIL Inst : ECD1
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.06	6.42	375	653	0.002	0.003 #
				Recovery	=	5.00%	7.50%
2)	S Decachlorobiphenyl	22.18f	0.00	710	0	0.003m	N.D. #
				Recovery	=	7.50%	0.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.22	11.64	43104	28095	0.423	0.277 #
4)	M 2,2',3,3',4,4'-Hexa	16.94	21.56	3894	3252	0.042	0.024 #
5)	L1 Aroclor-1016	6.80	8.76	10200	1991	0.334	0.151 #
6)	L1 Aroclor-1016 {2}	8.93	10.30	11048	8606	0.734	0.321 #
7)	L1 Aroclor-1016 {3}	9.32	12.21	20371	7192	0.832	0.432 #
	Total Aroclor-1016			41619	17789	1.900	0.904
	Average Aroclor-1016					0.633	0.301
8)	L2 Aroclor-1221	5.08	8.00	203	467	0.042	0.111 #
9)	L2 Aroclor-1221 {2}	5.50	8.54	402	835	0.099	0.248 #
10)	L2 Aroclor-1221 {3}	5.68	8.76	5675	1991	0.409	0.194 #
	Total Aroclor-1221			6280	3293	0.550	0.554
	Average Aroclor-1221					0.183	0.185
11)	L3 Aroclor-1232	5.68	8.76	5675	1991	0.472	0.219 #
12)	L3 Aroclor-1232 {2}	6.80	10.30	10200	8606	1.170	1.149
13)	L3 Aroclor-1232 {3}	8.60	12.21	6427	7192	1.224	1.678 #
	Total Aroclor-1232			22302	17789	2.866	3.046
	Average Aroclor-1232					0.955	1.015
14)	L4 Aroclor-1242	8.22	11.64	43104	28095	1.148	0.963
15)	L4 Aroclor-1242 {2}	8.93	12.21	11048	7192	0.997	0.572 #
16)	L4 Aroclor-1242 {3}	10.07	13.99	17613	13986	1.203	1.120
	Total Aroclor-1242			71765	49273	3.348	2.655
	Average Aroclor-1242					1.116	0.885
17)	L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-40A.D
Signal #2 : D:\HPCHEM\5\JL02\C575-40A.D\CONFIRM.D
Acq On : 05 Jul 96 08:06 PM
Sample : VHB / PP4:R6 1:15 DIL
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Jul 8 12:17 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.45	11139	10018	0.417	0.389
21) L6 Aroclor-1254 {2}	13.43	15.69	16633	10873	0.503	0.392
22) L6 Aroclor-1254 {3}	15.82	17.55	11995	15260	0.518	0.408
Total Aroclor-1254			39767	36151	1.438	1.189
Average Aroclor-1254					0.479	0.396
23) L7 Aroclor-1260	13.92	18.18	8006	5593	0.280	0.186 #
24) L7 Aroclor-1260 {2}	14.71	18.50	7108	6235	0.232	0.189
25) L7 Aroclor-1260 {3}	17.92	21.92	2730	2933	0.072	0.063
Total Aroclor-1260			17845	14761	0.583	0.438
Average Aroclor-1260					0.194	0.146
26) L8 Aroclor-1268	18.85	0.00	714	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	1904	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	2713	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$\frac{0.963 \quad 0.572}{\frac{1.535 \times 10}{0.0303 \times .91 \times .666}} \times 15 = 12538$ → 13000

$\frac{0.392 \quad 0.408}{\frac{0.800 \times 10}{0.0303 \times .91 \times .666}} \times 15 = 6534$ → 6500

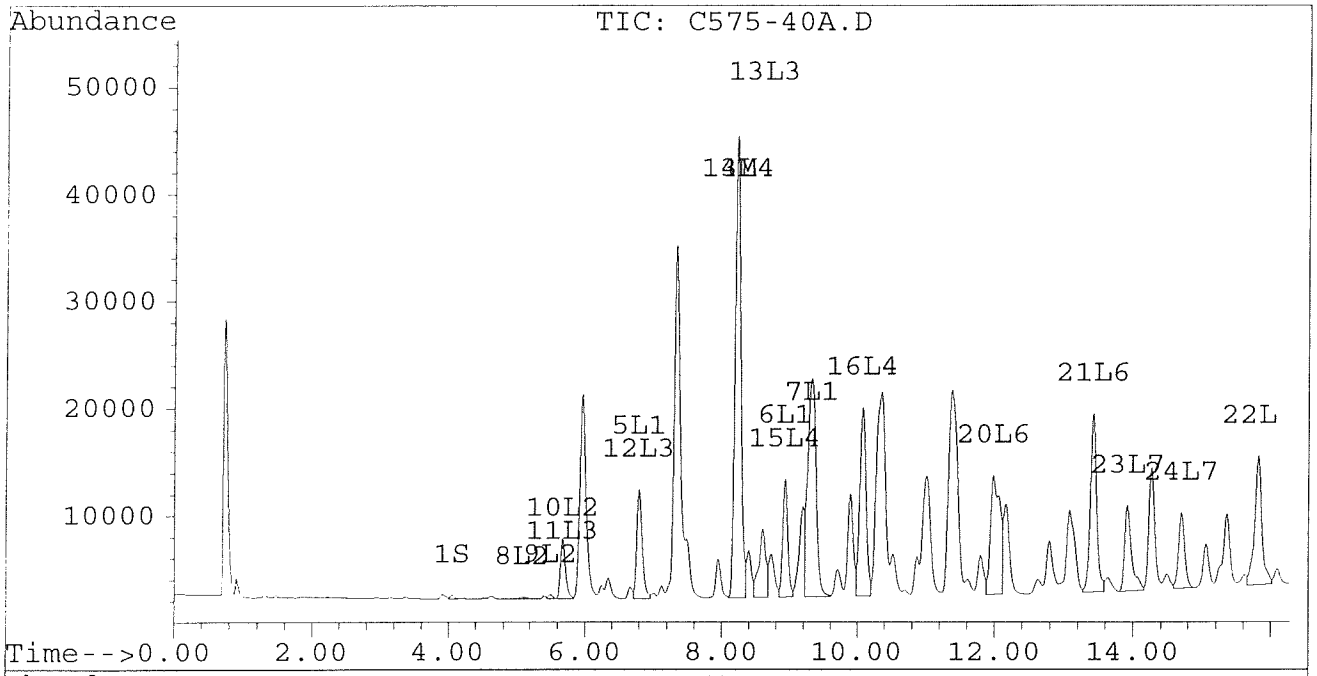
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

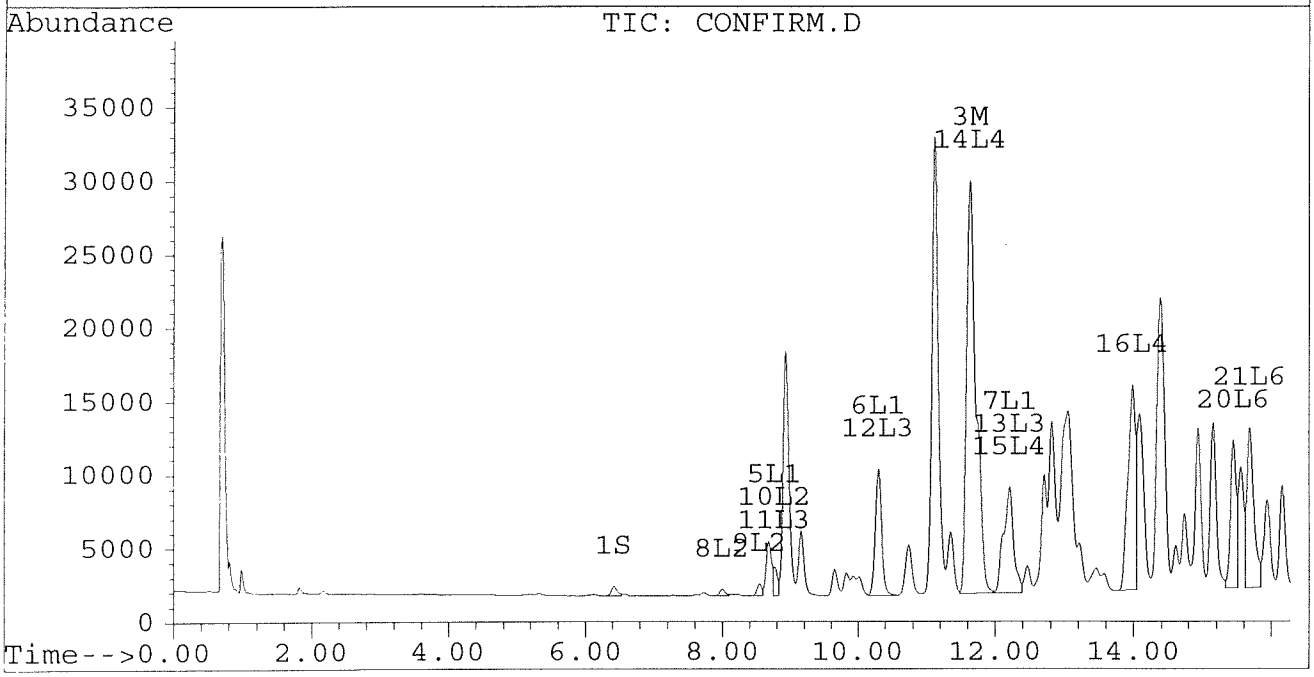
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-40A.D Vial: 9
Signal #2 : D:\HPCHEM\5\JL02\C575-40A.D\CONFIRM.D
Acq On : 05 Jul 96 08:06 PM Operator: JS
Sample : VHB / PP4:R6 1:15 DIL Inst : ECD1
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





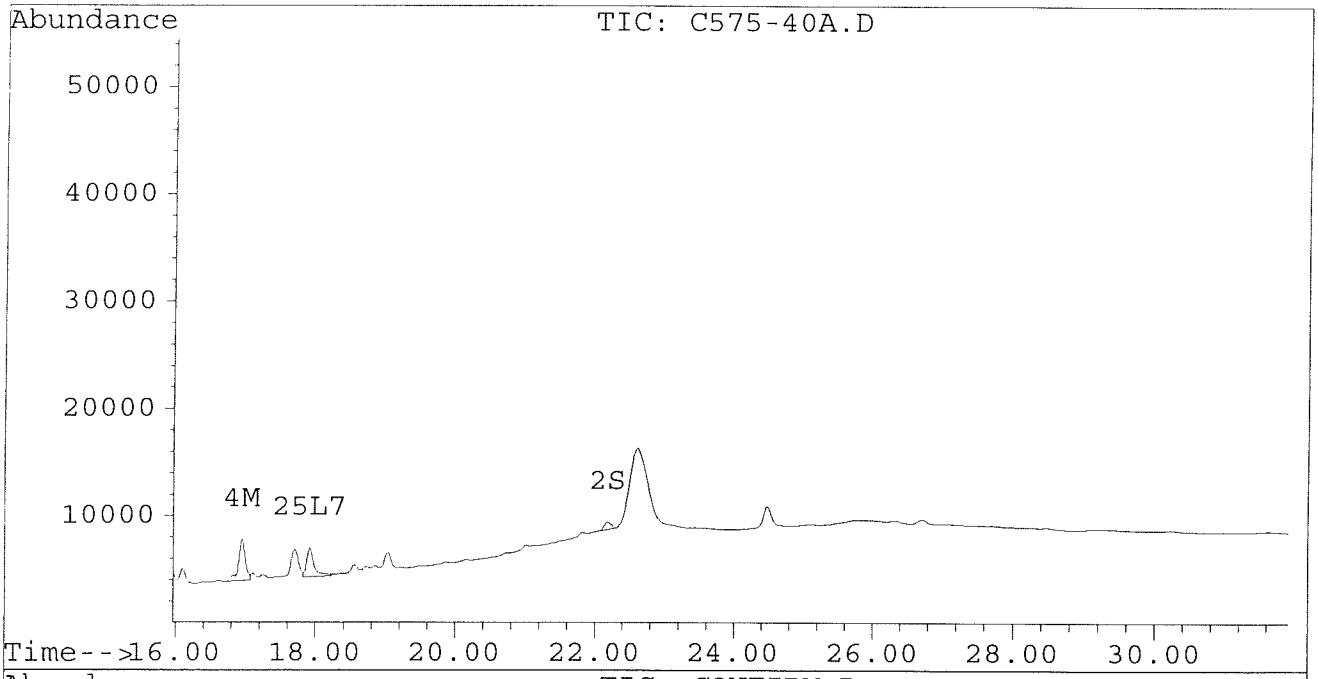
125

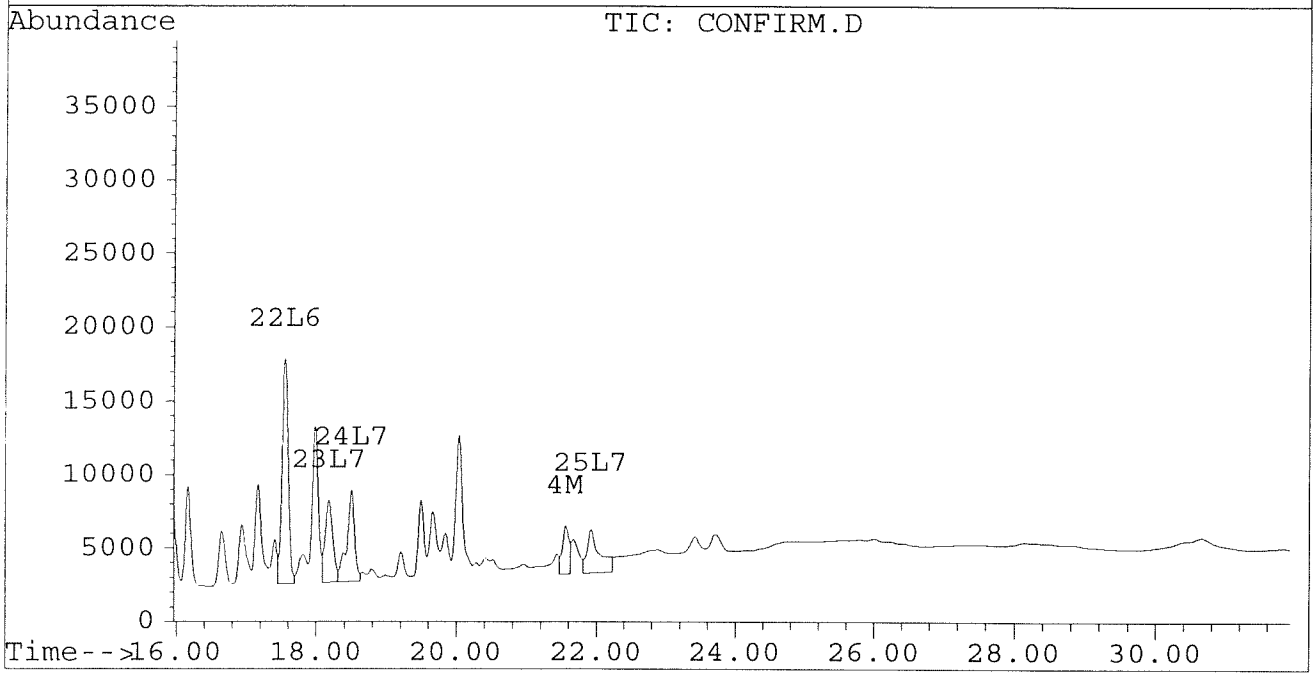
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-40A.D Vial: 9
Signal #2 : D:\HPCHEM\5\JL02\C575-40A.D\CONFIRM.D
Acq On : 05 Jul 96 08:06 PM Operator: JS
Sample : VHB / PP4:R6 1:15 DIL Inst : ECD1
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-40.D Vial: 50
Signal #2 : D:\HPCHEM\5\JL02\C575-40.D\CONFIRM.D
Acq On : 03 Jul 96 06:05 PM Operator: JS
Sample : VHB / PP4:R6 Inst : ECD1
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 3 18:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.05	6.41	8924	11246	0.039	0.060	#
					Recovery	=	97.50%	150.00%	
2)	S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.	
					Recovery	=	0.00%	0.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.64	591839	368616	5.812	3.638	#
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.56	79083	58202	0.857	0.433	#
5)	L1	Aroclor-1016	6.79	8.76	129865	26001	4.250	1.975	#
6)	L1	Aroclor-1016 {2}	8.93	10.29	175493	102990	11.661	3.839	#
7)	L1	Aroclor-1016 {3}	9.32	12.21	252204	94167	10.299	5.662	#
		Total Aroclor-1016			557562	223159	26.210	11.475	
		Average Aroclor-1016					8.737	3.825	
8)	L2	Aroclor-1221	5.08	7.99	3716	8581	0.768	2.046	#
9)	L2	Aroclor-1221 {2}	5.50	8.53	6874	15760	1.693	4.686	#
10)	L2	Aroclor-1221 {3}	5.67	8.76	78984	26001	5.692	2.533	#
		Total Aroclor-1221			89574	50343	8.153	9.265	
		Average Aroclor-1221					2.718	3.088	
11)	L3	Aroclor-1232	5.67	8.76	78984	26001	6.573	2.864	#
12)	L3	Aroclor-1232 {2}	6.79	10.29	129865	102990	14.895	13.756	
13)	L3	Aroclor-1232 {3}	8.60	12.21	94782	94167	18.048	21.963	
		Total Aroclor-1232			303631	223159	39.517	38.583	
		Average Aroclor-1232					13.172	12.861	
14)	L4	Aroclor-1242	8.22	11.64	591839	368616	15.761	12.634	
15)	L4	Aroclor-1242 {2}	8.93	12.21	175493	94167	15.841	7.483	#
16)	L4	Aroclor-1242 {3}	10.07	13.98	238007	181374	16.257	14.530	
		Total Aroclor-1242			1005339	644157	47.859	34.647	
		Average Aroclor-1242					15.953	11.549	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-40.D Vial: 50
Signal #2 : D:\HPCHEM\5\JL02\C575-40.D\CONFIRM.D
Acq On : 03 Jul 96 06:05 PM Operator: JS
Sample : VHB / PP4:R6 Inst : ECD1
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 3 18:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	11.98	15.44	149735	134430	5.601	5.219	
21) L6	Aroclor-1254 {2}	13.42	15.69	248500	138966	7.511	5.008	#
22) L6	Aroclor-1254 {3}	15.82	17.54	199998	220449	8.642	5.898	#
Total	Aroclor-1254			598233	493845	21.755	16.125	
Average	Aroclor-1254					7.252	5.375	
23) L7	Aroclor-1260	13.92	18.17	119590	80203	4.178	2.672	#
24) L7	Aroclor-1260 {2}	14.70	18.50	109664	92606	3.573	2.810	
25) L7	Aroclor-1260 {3}	17.91	21.92	62227	48233	1.635	1.033	#
Total	Aroclor-1260			291481	221043	9.385	6.516	
Average	Aroclor-1260					3.128	2.172	
26) L8	Aroclor-1268	18.86	0.00	14633	0	NoCal	N.D.	
27) L8	Aroclor-1268 {2}	19.03	0.00	41641	0	NoCal	N.D.	
28) L8	Aroclor-1268 {3}	21.82	0.00	16803	0	NoCal	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

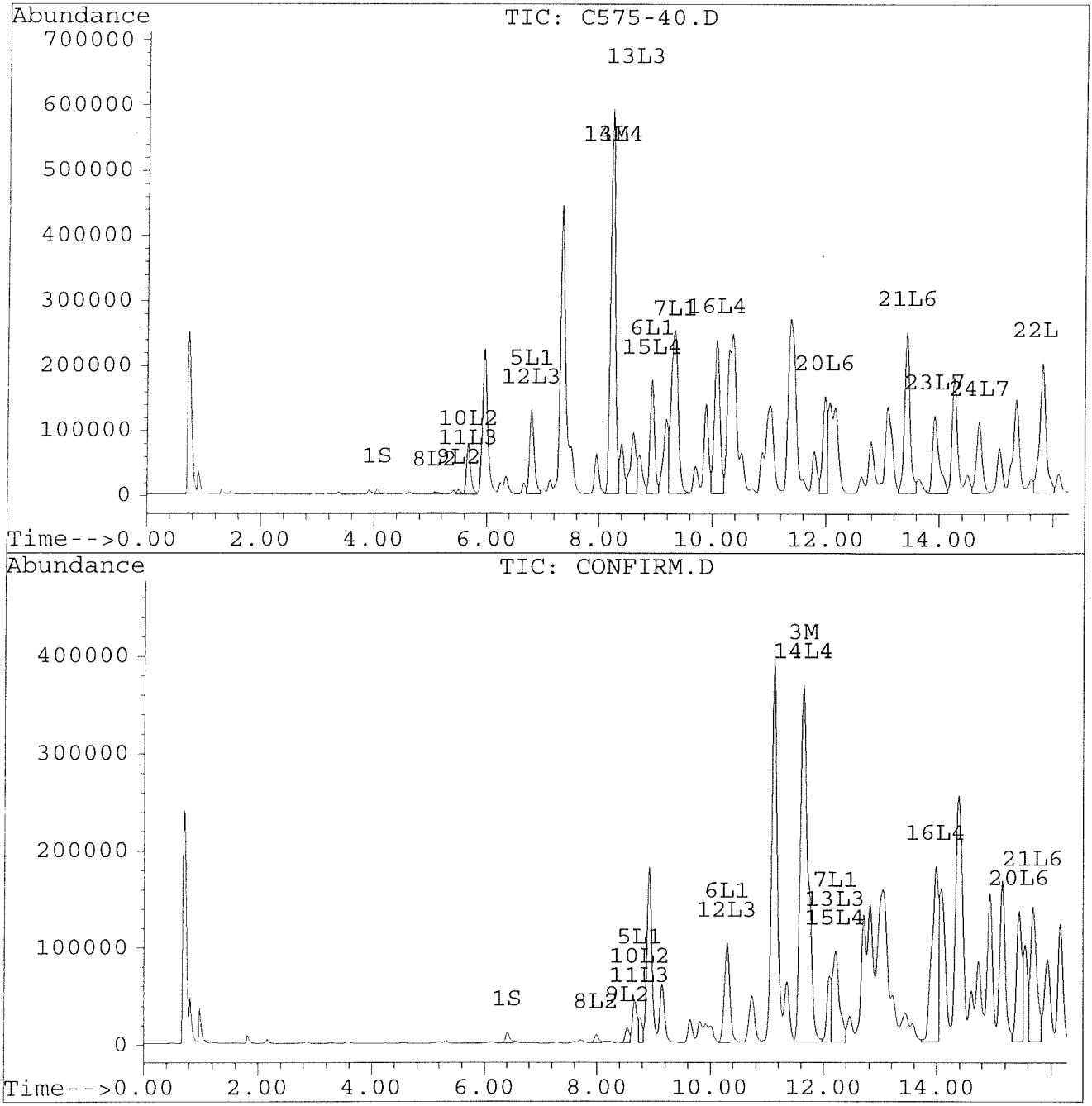
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-40.D Vial: 50
Signal #2 : D:\HPCHEM\5\JL02\C575-40.D\CONFIRM.D
Acq On : 03 Jul 96 06:05 PM Operator: JS
Sample : VHB / PP4:R6 Inst : ECD1
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 3 18:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



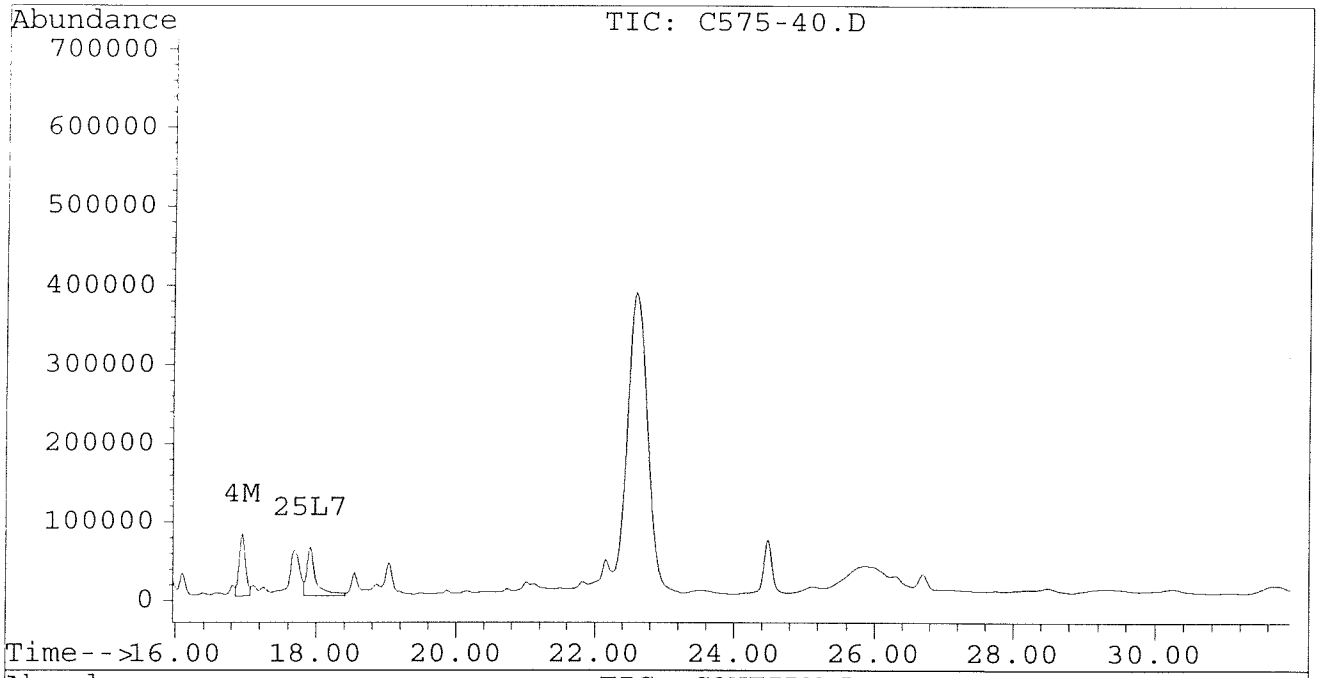
Quantitation Report

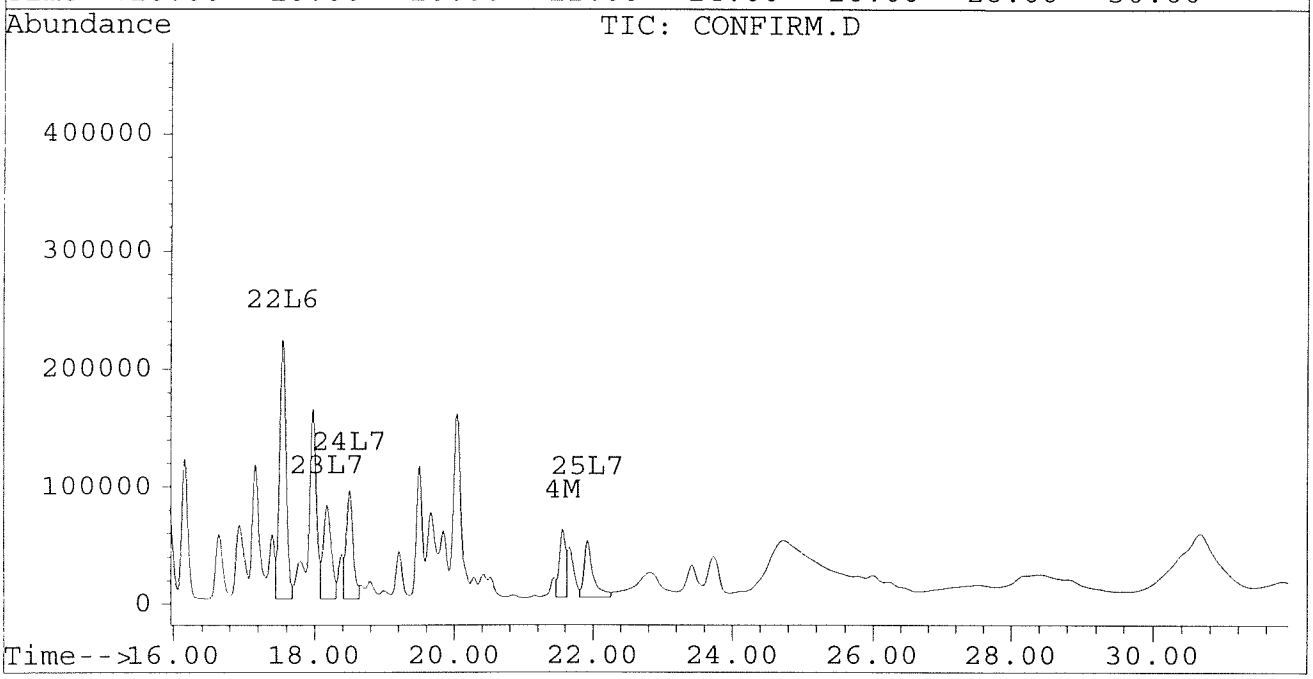
Signal #1 : D:\HPCHEM\5\JL02\C575-40.D
Signal #2 : D:\HPCHEM\5\JL02\C575-40.D\CONFIRM.D
Acq On : 03 Jul 96 06:05 PM
Sample : VHB / PP4:R6
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Jul 3 18:39 1996

Vial: 50
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-43A.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL02\C575-43A.D\CONFIRM.D
Acq On : 05 Jul 96 08:42 PM Operator: JS
Sample : VHB / PB[illegible]:R12 1:5 DIL Inst : ECD1
Misc : 30.1G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.42	1179	1143	0.005	0.006
				Recovery	=	12.50%	15.00%
2) S	Decachlorobiphenyl	22.23	0.00	1142	0	0.006m	N.D. #
				Recovery	=	15.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.64	38646	29254	0.380	0.289
4) M	2,2',3,3',4,4'-Hexa	16.94	21.56	5451	4331	0.059	0.032 #
5) L1	Aroclor-1016	6.80	8.77	5860	1114	0.192	0.085 #
6) L1	Aroclor-1016 {2}	8.93	10.30	10841	5522	0.720	0.206 #
7) L1	Aroclor-1016 {3}	9.32	12.22	21810	3825	0.891	0.230 #
Total	Aroclor-1016			38511	10461	1.803	0.520
Average	Aroclor-1016					0.601	0.173
8) L2	Aroclor-1221	5.08	7.99	103	736	0.021	0.176 #
9) L2	Aroclor-1221 {2}	5.50	8.54	264	1449	0.065	0.431 #
10) L2	Aroclor-1221 {3}	5.66	8.77	2768	1114	0.199	0.109 #
Total	Aroclor-1221			3135	3299	0.286	0.715
Average	Aroclor-1221					0.095	0.238
11) L3	Aroclor-1232	5.66	8.77	2768	1114	0.230	0.123 #
12) L3	Aroclor-1232 {2}	6.80	10.30	5860	5522	0.672	0.738
13) L3	Aroclor-1232 {3}	8.60	12.22	4346	3825	0.828	0.892
Total	Aroclor-1232			12973	10461	1.730	1.752
Average	Aroclor-1232					0.577	0.584
14) L4	Aroclor-1242	8.22	11.64	38646	29254	1.029	1.003
15) L4	Aroclor-1242 {2}	8.93	12.22	10841	3825	0.979	0.304 #
16) L4	Aroclor-1242 {3}	10.07	13.99	19053	14875	1.301	1.192
Total	Aroclor-1242			68540	47954	3.309	2.498
Average	Aroclor-1242					1.103	0.833
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-43A.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL02\C575-43A.D\CONFIRM.D
Acq On : 05 Jul 96 08:42 PM Operator: JS
Sample : VHB / PP10:R12 1:5 DIL Inst : ECD1
Misc : 30.1G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.45	13931	12093	0.521	0.470
21) L6 Aroclor-1254 {2}	13.43	15.69	20827	13408	0.630	0.483
22) L6 Aroclor-1254 {3}	15.82	17.55	16458	19765	0.711	0.529 #
Total Aroclor-1254			51216	45267	1.862	1.481
Average Aroclor-1254					0.621	0.494
23) L7 Aroclor-1260	13.92	18.18	10317	7290	0.360	0.243 #
24) L7 Aroclor-1260 {2}	14.71	18.50	9365	8662	0.305	0.263
25) L7 Aroclor-1260 {3}	17.91	21.92	3888	4226	0.102	0.091
Total Aroclor-1260			23570	20179	0.768	0.596
Average Aroclor-1260					0.256	0.199
26) L8 Aroclor-1268	18.85	0.00	697	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	23.53	2529	1521	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.81	28.14f	1454	502	NoCal	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$\frac{1.003}{0.304} \quad \frac{1.307 \times 10}{0.0301 \times .96 \times .666} \times 5 = 3,395$ → 3400

$\frac{0.483}{0.509} \quad \frac{1.012 \times 10}{0.0301 \times .94 \times .666} \times 5 = 2629$ → 2600

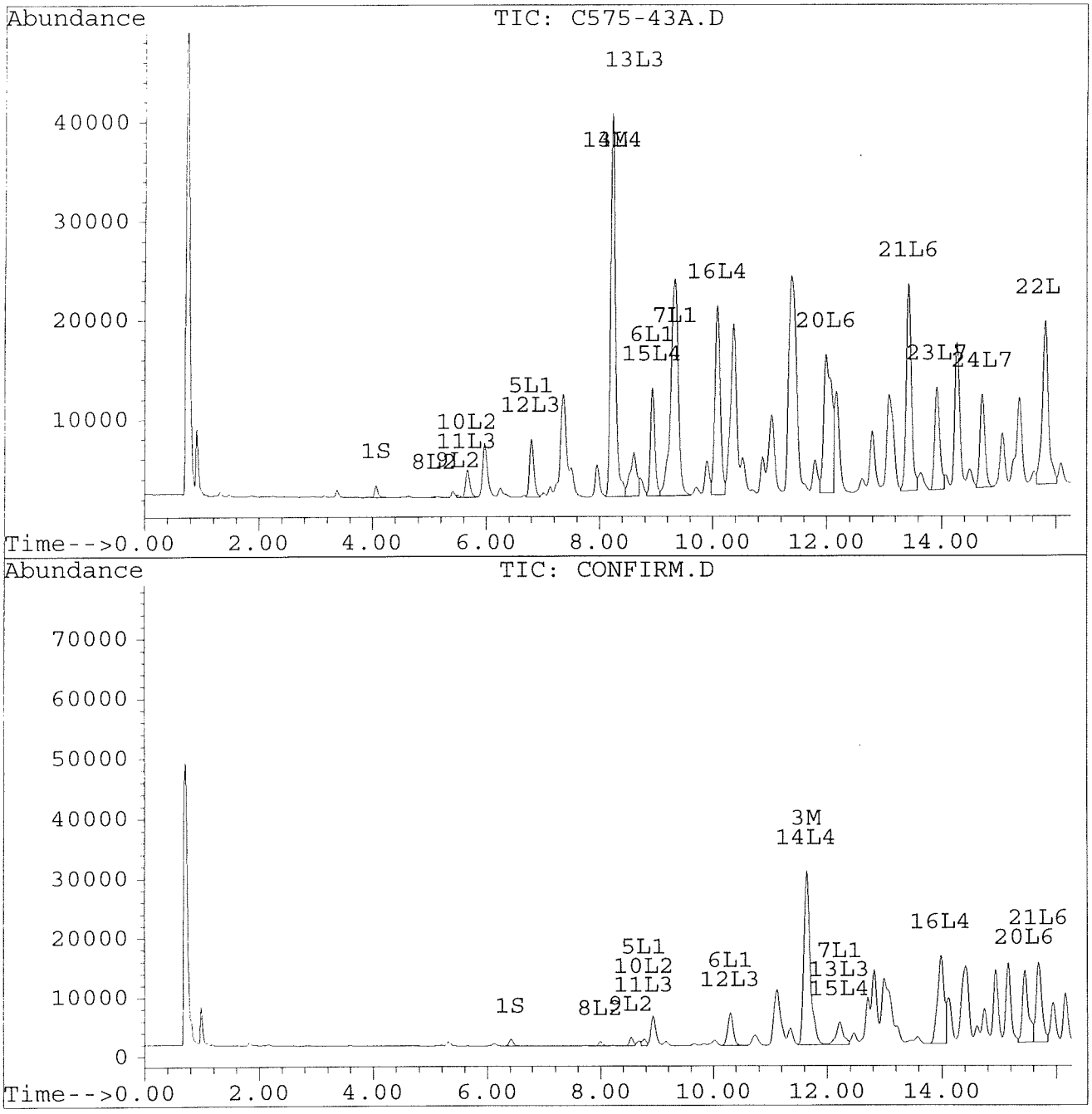
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-43A.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL02\C575-43A.D\CONFIRM.D
Acq On : 05 Jul 96 08:42 PM Operator: JS
Sample : VHB / PP10:R12 1:5 DIL Inst : ECD1
Misc : 30.1G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



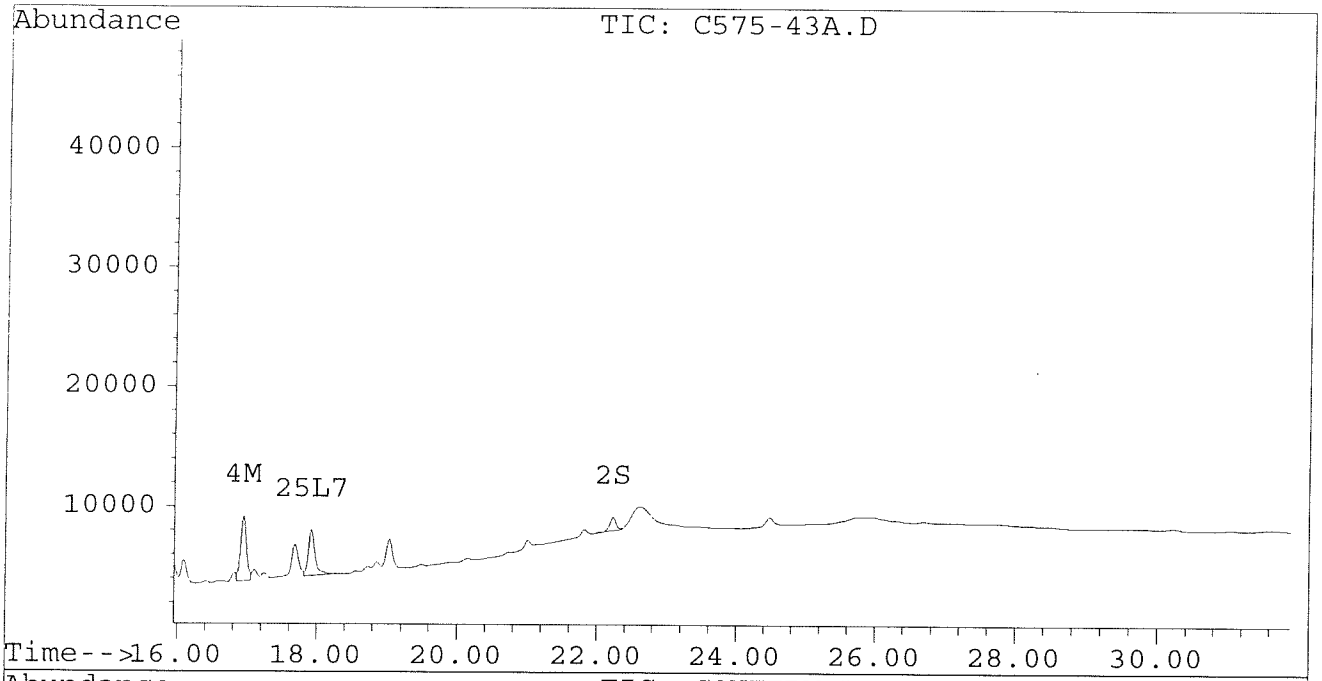
Quantitation Report

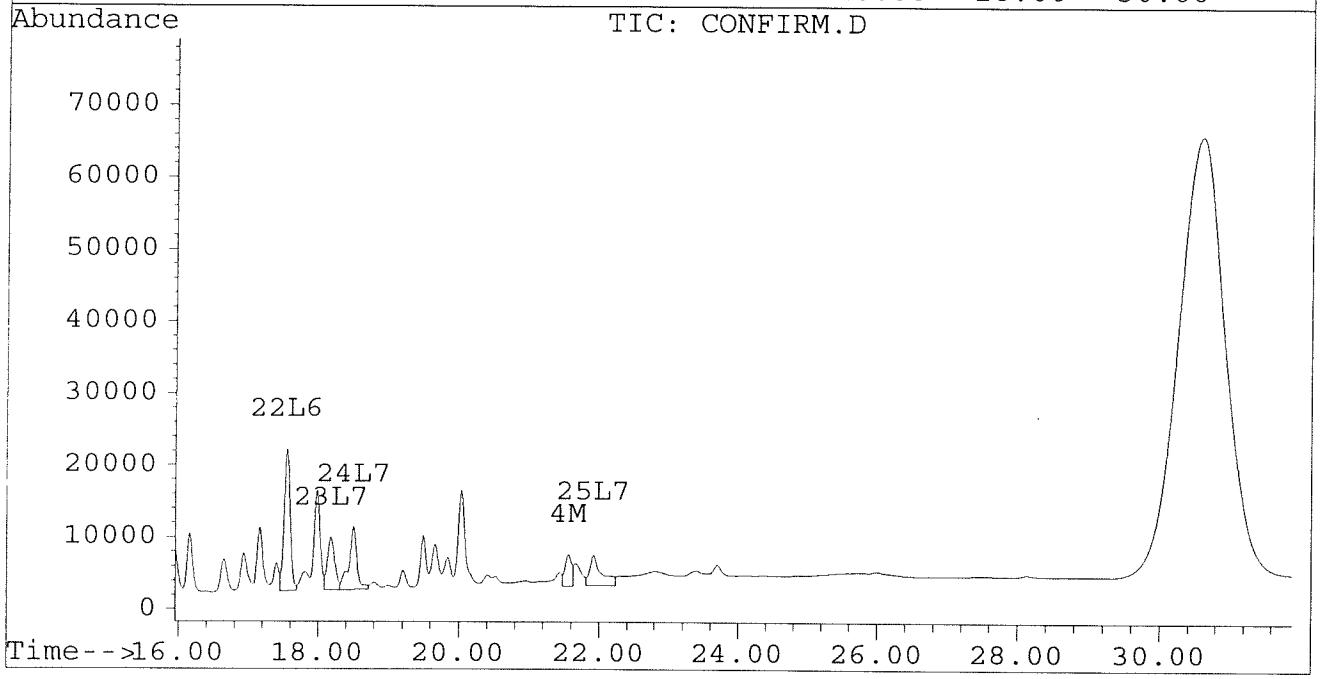
Signal #1 : D:\HPCHEM\5\JL02\C575-43A.D
Signal #2 : D:\HPCHEM\5\JL02\C575-43A.D\CONFIRM.D
Acq On : 05 Jul 96 08:42 PM
Sample : VHB / PP10:R12 1:5 DIL
Misc : 30.1G/10ML 94% SOLID PCB ANALYSIS
Quant Time: Jul 8 12:22 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-43.D Vial: 51
Signal #2 : D:\HPCHEM\5\JL02\C575-43.D\CONFIRM.D
Acq On : 03 Jul 96 06:41 PM Operator: JS
Sample : VHB / PP10:R12 Inst : ECD1
Misc : 30.1G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	9706	8033	0.043	0.043
					Recovery	=	107.50%	107.50%
2)	S	Decachlorobiphenyl	22.24	0.00	7992	0	0.039m	N.D. #
					Recovery	=	97.50%	0.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.21	11.63	206478	146485	2.028	1.446 #
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.56	38167	27492	0.414	0.205 #
5)	L1	Aroclor-1016	6.79	8.77	31047	5765	1.016	0.438 #
6)	L1	Aroclor-1016 (2)	8.93	10.29	64983	26307	4.318	0.980 #
7)	L1	Aroclor-1016 (3)	9.32	12.21	105776	19768	4.320	1.188 #
		Total Aroclor-1016			201805	51840	9.653	2.607
		Average Aroclor-1016					3.218	0.869
8)	L2	Aroclor-1221	5.08	7.99	669	4634	0.138	1.105 #
9)	L2	Aroclor-1221 (2)	5.50	8.53	1606	10130	0.396	3.012 #
10)	L2	Aroclor-1221 (3)	5.66	8.77	18559	5765	1.337	0.562 #
		Total Aroclor-1221			20834	20530	1.871	4.678
		Average Aroclor-1221					0.624	1.559
11)	L3	Aroclor-1232	5.66	8.77	18559	5765	1.544	0.635 #
12)	L3	Aroclor-1232 (2)	6.79	10.29	31047	26307	3.561	3.514
13)	L3	Aroclor-1232 (3)	8.60	12.21	24817	19768	4.726	4.611
		Total Aroclor-1232			74423	51840	9.831	8.759
		Average Aroclor-1232					3.277	2.920
14)	L4	Aroclor-1242	8.21	11.63	206478	146485	5.499	5.021
15)	L4	Aroclor-1242 (2)	8.93	12.21	64983	19768	5.866	1.571 #
16)	L4	Aroclor-1242 (3)	10.07	13.98	99114	72603	6.770	5.816
		Total Aroclor-1242			370574	238856	18.134	12.408
		Average Aroclor-1242					6.045	4.136
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-43.D
Signal #2 : D:\HPCHEM\5\JL02\C575-43.D\CONFIRM.D
Acq On : 03 Jul 96 06:41 PM
Sample : VHB / PP10:R12
Misc : 30.1G/10ML 94% SOLID PCB ANALYSIS
Quant Time: Jul 8 12:19 1996

Vial: 51
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	11.98	15.44	71387	60122	2.670	2.334	
21) L6	Aroclor-1254 {2}	13.42	15.68	116491	65775	3.521	2.370	#
22) L6	Aroclor-1254 {3}	15.82	17.54	98303	104728	4.248	2.802	#
Total	Aroclor-1254			286180	230625	10.439	7.506	
Average	Aroclor-1254					3.480	2.502	
23) L7	Aroclor-1260	13.92	18.18	57031	38795	1.992	1.293	#
24) L7	Aroclor-1260 {2}	14.70	18.50	51936	46698	1.692	1.417	
25) L7	Aroclor-1260 {3}	17.92	21.92	42481	25450	1.116	0.545	#
Total	Aroclor-1260			151448	110943	4.800	3.255	
Average	Aroclor-1260					1.600	1.085	
26) L8	Aroclor-1268	18.86	0.00	10780	0	NoCal	N.D.	
27) L8	Aroclor-1268 {2}	19.03	0.00	24327	0	NoCal	N.D.	
28) L8	Aroclor-1268 {3}	21.82	0.00	9101	0	NoCal	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

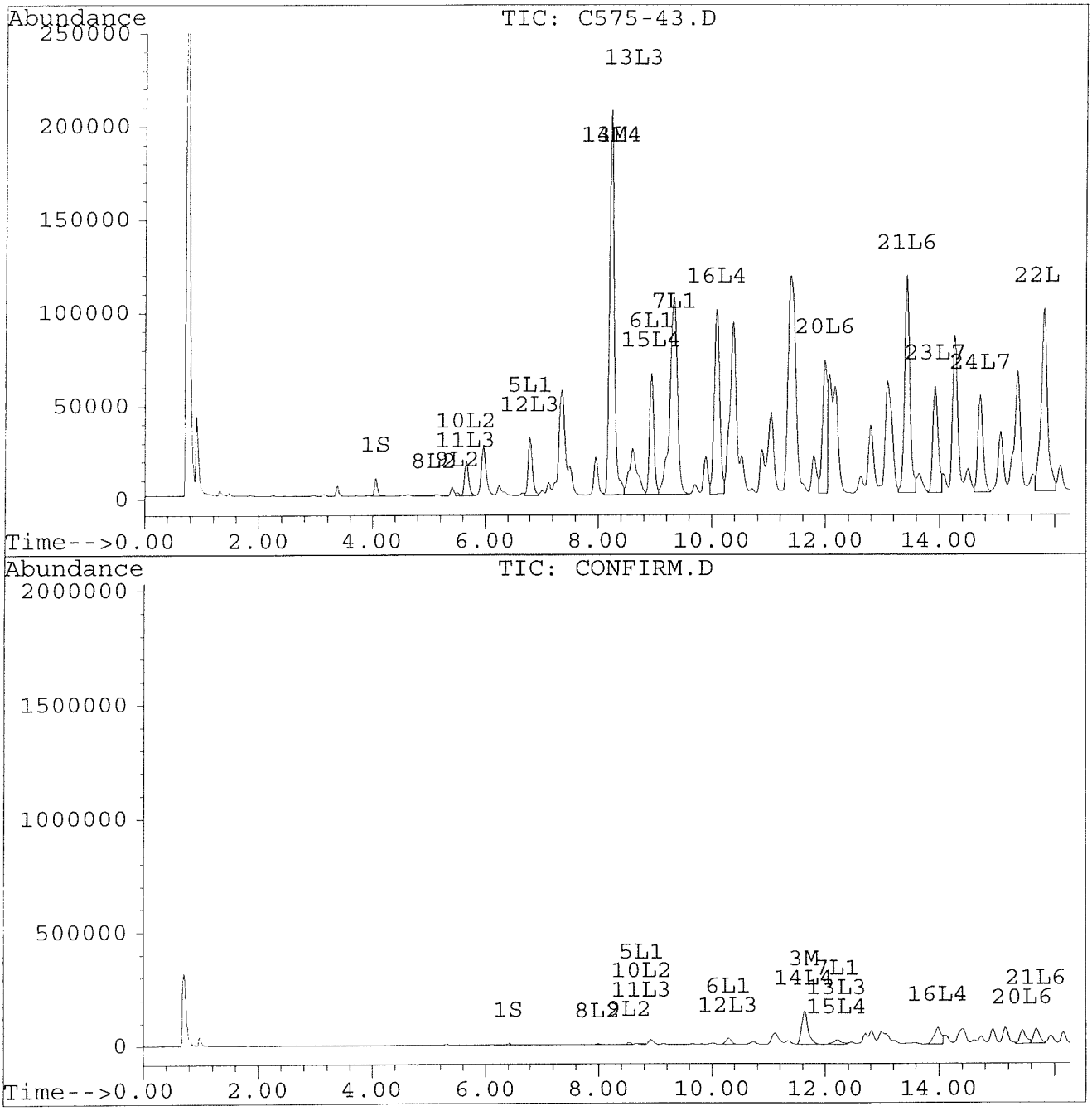
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-43.D Vial: 51
Signal #2 : D:\HPCHEM\5\JL02\C575-43.D\CONFIRM.D
Acq On : 03 Jul 96 06:41 PM Operator: JS
Sample : VHB / PP10:R12 Inst : ECD1
Misc : 30.1G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-43.D
Signal #2 : D:\HPCHEM\5\JL02\C575-43.D\CONFIRM.D
Acq On : 03 Jul 96 06:41 PM
Sample : VHB / PP10:R12
Misc : 30.1G/10ML 94% SOLID PCB ANALYSIS
Quant Time: Jul 8 12:19 1996

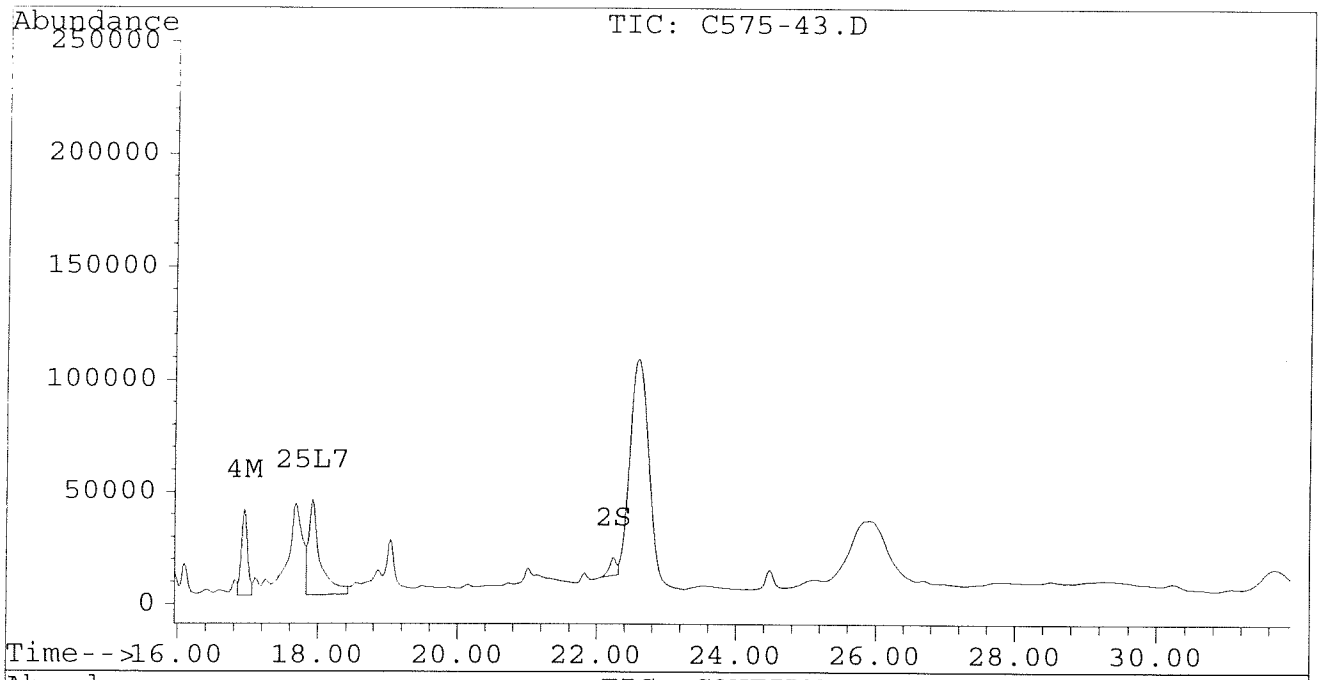
Vial: 51

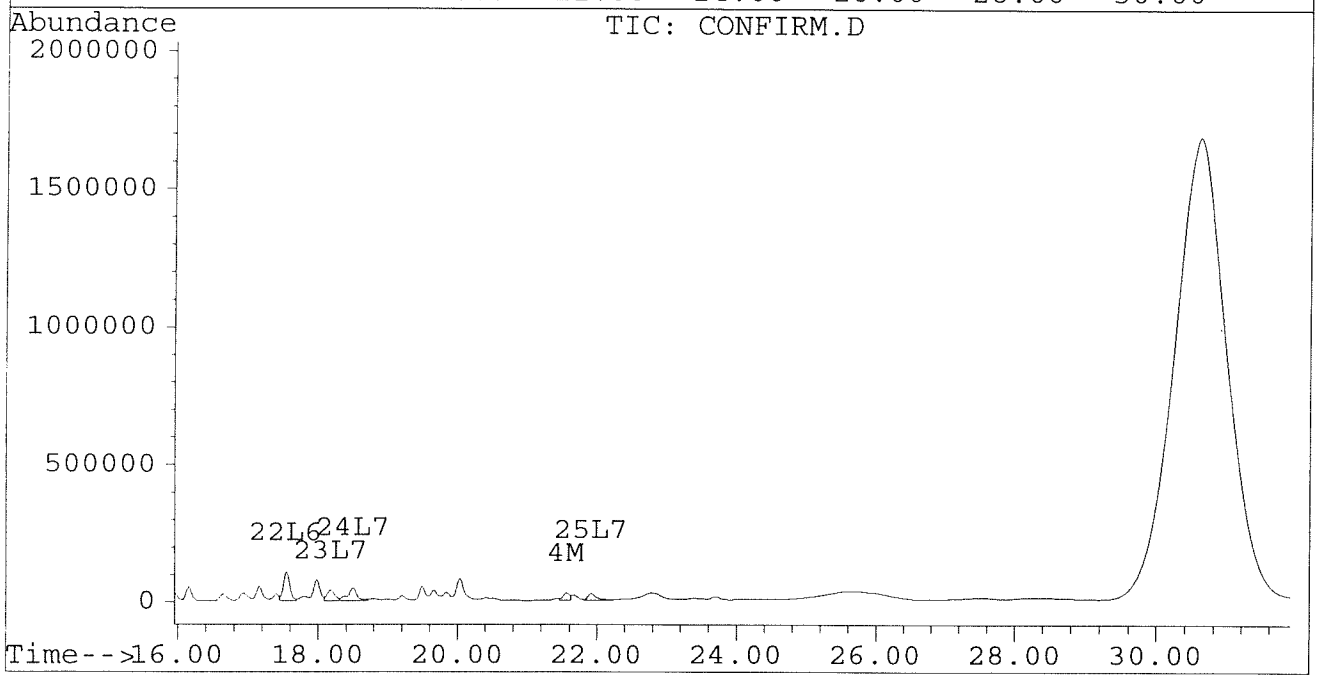
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-44A.D Vial: 75
Signal #2 : D:\HPCHEM\5\JL02\C575-44A.D\CONFIRM.D
Acq On : 04 Jul 96 01:14 AM Operator: JS
Sample : VHB / DP10:R12 1:3 DILUTION Inst : ECD1
Misc : 30.1G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 15:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	1883	1675	0.008m	0.009m 69
				Recovery	=	20.00%	22.50%
2) S	Decachlorobiphenyl	22.23	30.40	1978	1431	0.010m	0.018 #
				Recovery	=	25.00%	45.00% 135
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.64	51086	37255	0.502	0.368 #
4) M	2,2',3,3',4,4'-Hexa	16.95	21.56	7318	4632	0.079	0.034 #
5) L1	Aroclor-1016	6.80	8.77	8198	1438	0.268	0.109 #
6) L1	Aroclor-1016 {2}	8.93	10.30	14762	7177	0.981	0.268 #
7) L1	Aroclor-1016 {3}	9.32	12.22	28784	4900	1.175	0.295 #
Total	Aroclor-1016			51743	13514	2.425	0.671
Average	Aroclor-1016					0.808	0.224
8) L2	Aroclor-1221	0.00	7.99	0	1047	N.D.	0.250 #
9) L2	Aroclor-1221 {2}	5.50	8.54	408	2065	0.100	0.614 #
10) L2	Aroclor-1221 {3}	5.66	8.77	3828	1438	0.276	0.140 #
Total	Aroclor-1221			4236	4550	0.376	1.004
Average	Aroclor-1221					0.188	0.335
11) L3	Aroclor-1232	5.66	8.77	3828	1438	0.319	0.158 #
12) L3	Aroclor-1232 {2}	6.80	10.30	8198	7177	0.940	0.959
13) L3	Aroclor-1232 {3}	8.60	12.22	5952	4900	1.133	1.143
Total	Aroclor-1232			17978	13514	2.392	2.260
Average	Aroclor-1232					0.797	0.753
14) L4	Aroclor-1242	8.22	11.64	51086	37255	1.360	1.277
15) L4	Aroclor-1242 {2}	8.93	12.22	14762	4900	1.332	0.389 #
16) L4	Aroclor-1242 {3}	10.08	13.98	25676	19402	1.754	1.554
Total	Aroclor-1242			91524	61557	4.447	3.221
Average	Aroclor-1242					1.482	1.074
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-44A.D Vial: 75
Signal #2 : D:\HPCHEM\5\JL02\C575-44A.D\CONFIRM.D
Acq On : 04 Jul 96 01:14 AM Operator: JS
Sample : VHB / DP10:R12 1:3 DILUTION Inst : ECD1
Misc : 30.1G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 15:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.99	15.44	16624	14667	0.622	0.569
21) L6	Aroclor-1254 {2}	13.43	15.69	25368	15871	0.767	0.572 #
22) L6	Aroclor-1254 {3}	15.82	17.55	18753	23029	0.810	0.616
Total	Aroclor-1254			60745	53567	2.199	1.757
Average	Aroclor-1254					0.733	0.586
23) L7	Aroclor-1260	13.92	18.18	12324	8468	0.431	0.282 #
24) L7	Aroclor-1260 {2}	14.71	18.50	10598	9658	0.345	0.293
25) L7	Aroclor-1260 {3}	17.92	21.92	4717	4288	0.124	0.092 #
Total	Aroclor-1260			27640	22414	0.900	0.667
Average	Aroclor-1260					0.300	0.222
26) L8	Aroclor-1268	18.86	0.00	1270	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	3389	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.82	28.14f	1903	627	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

$$\frac{1.277 + 0.389}{\frac{1.666 \times 10}{0.0301 \times .94 \times .666} \times 3} = 2652 \rightarrow 2700$$

$$\frac{0.572 + 0.616}{\frac{1.188 \times 10}{0.0301 \times .94 \times .666} \times 3} = 1891 \rightarrow 1900$$

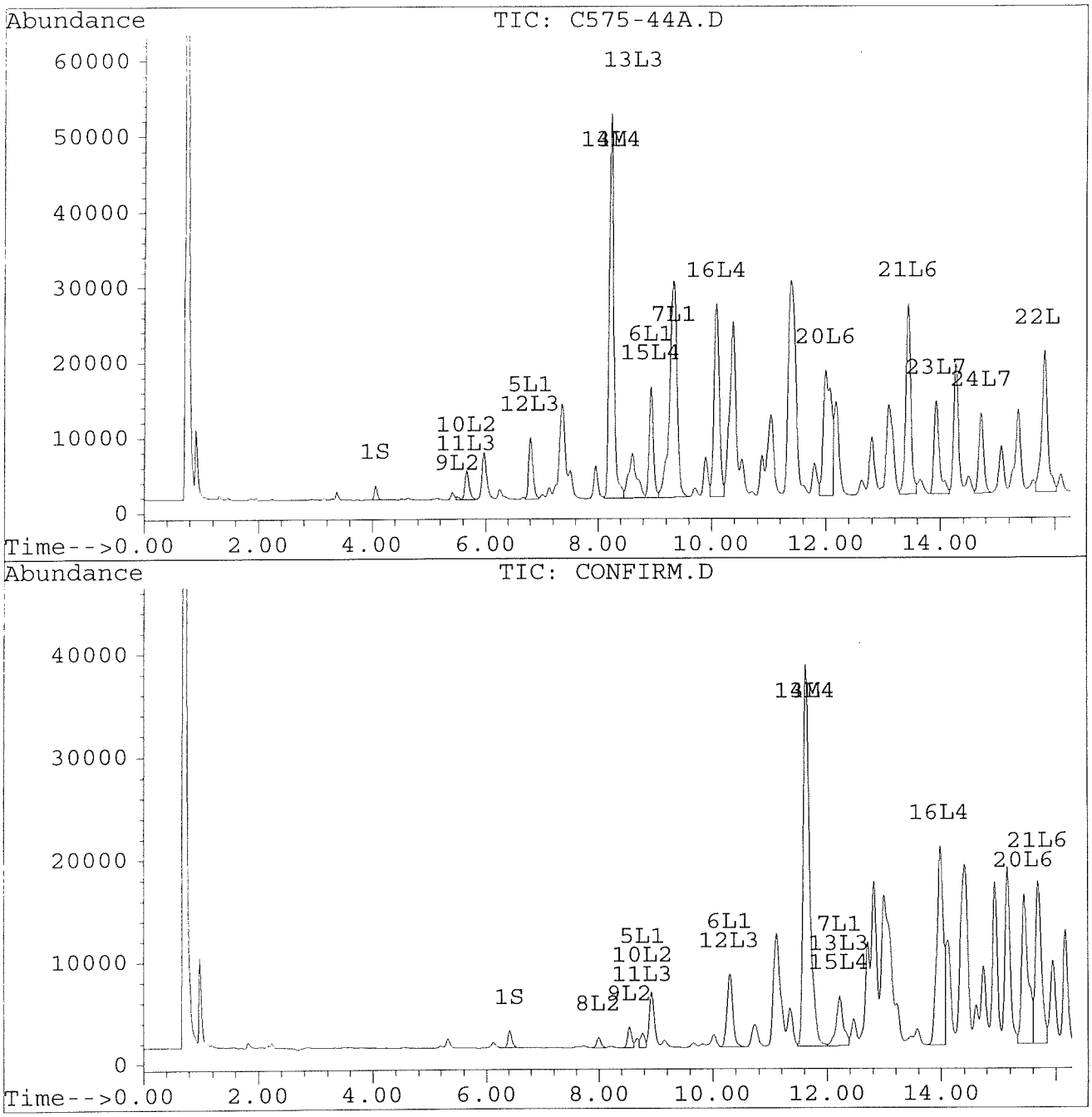
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-44A.D Vial: 75
Signal #2 : D:\HPCHEM\5\JL02\C575-44A.D\CONFIRM.D
Acq On : 04 Jul 96 01:14 AM Operator: JS
Sample : VHB / DP10:R12 1:3 DILUTION Inst : ECD1
Misc : 30.1G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 15:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



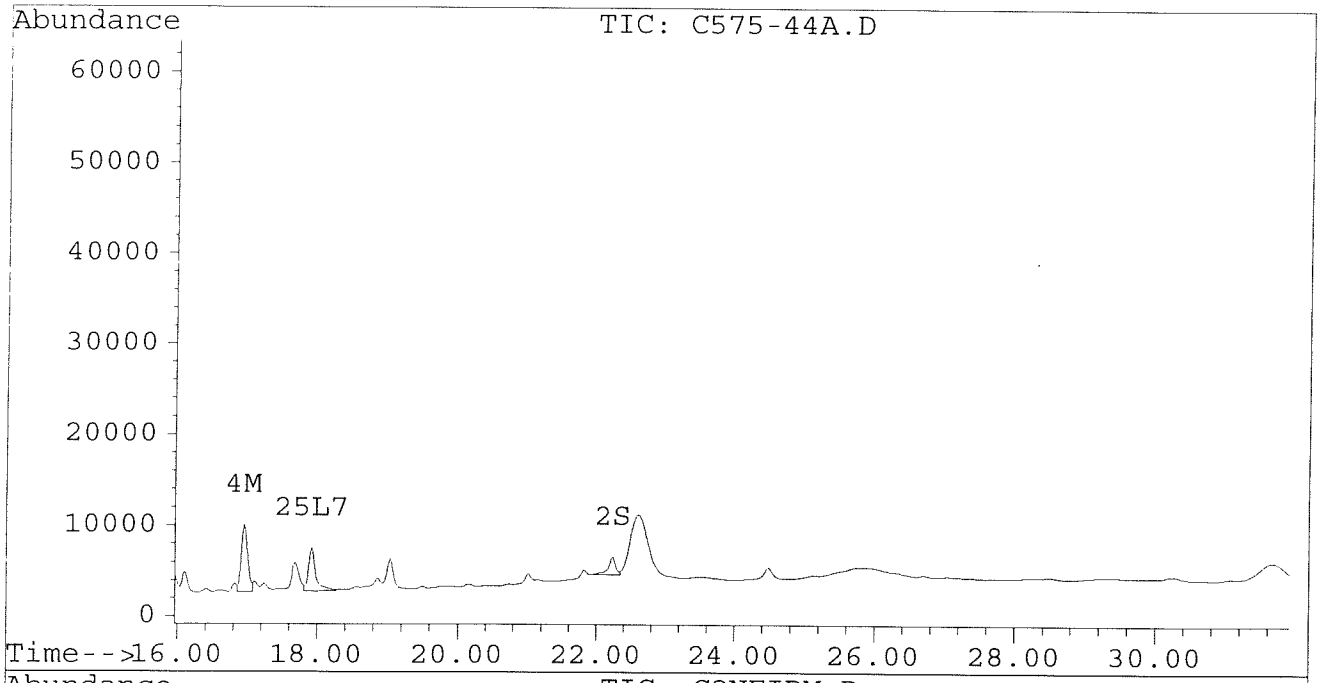
Quantitation Report

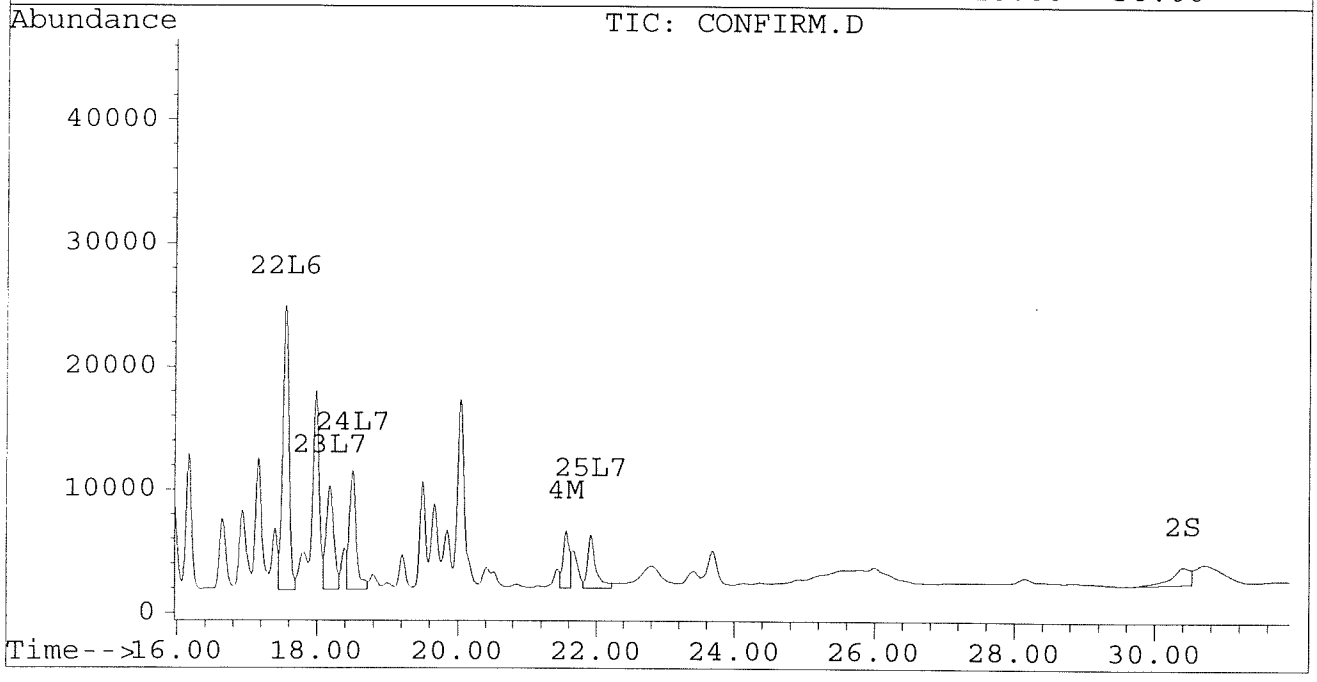
Signal #1 : D:\HPCHEM\5\JL02\C575-44A.D
Signal #2 : D:\HPCHEM\5\JL02\C575-44A.D\CONFIRM.D
Acq On : 04 Jul 96 01:14 AM
Sample : VHB / DP10:R12 1:3 DILUTION
Misc : 30.1G/10ML 94% SOLID PCB ANALYSIS
Quant Time: Jul 8 15:27 1996

Vial: 75
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

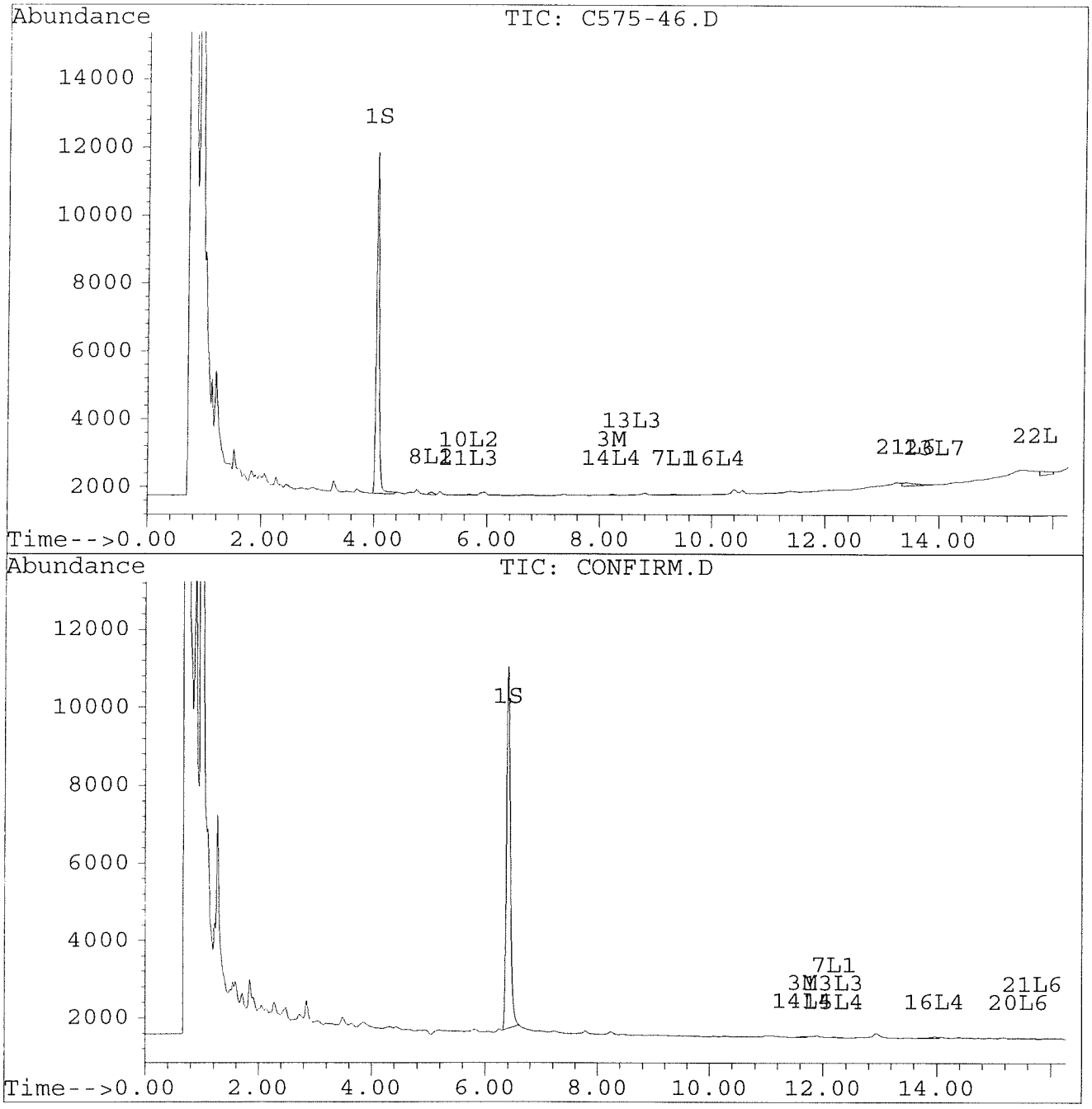
Signal #1 : D:\HPCHEM\5\JL02\C575-46.D
Signal #2 : D:\HPCHEM\5\JL02\C575-46.D\CONFIRM.D
Acq On : 03 Jul 96 07:18 AM
Sample : VHB / BS10:U12
Misc : 30.5G/10ML 98% SOLID PCB ANALYSIS
Quant Time: Jul 5 10:55 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

D8/07/15/96

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

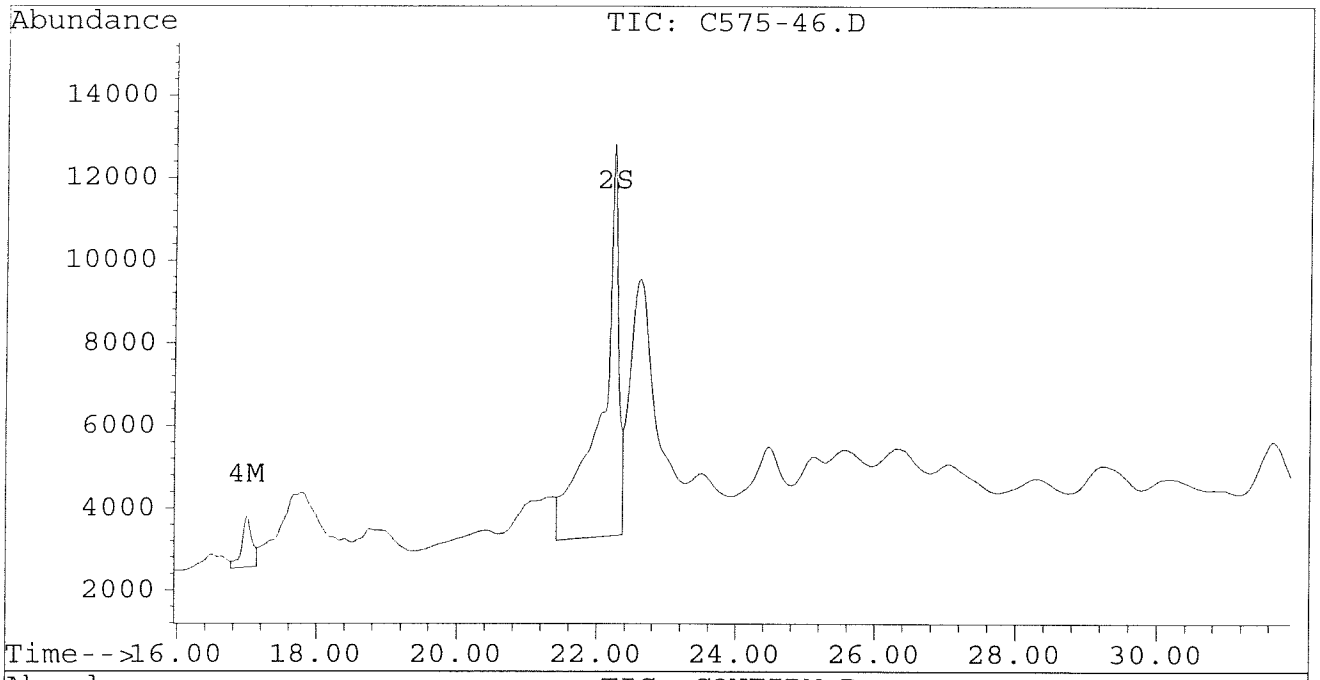


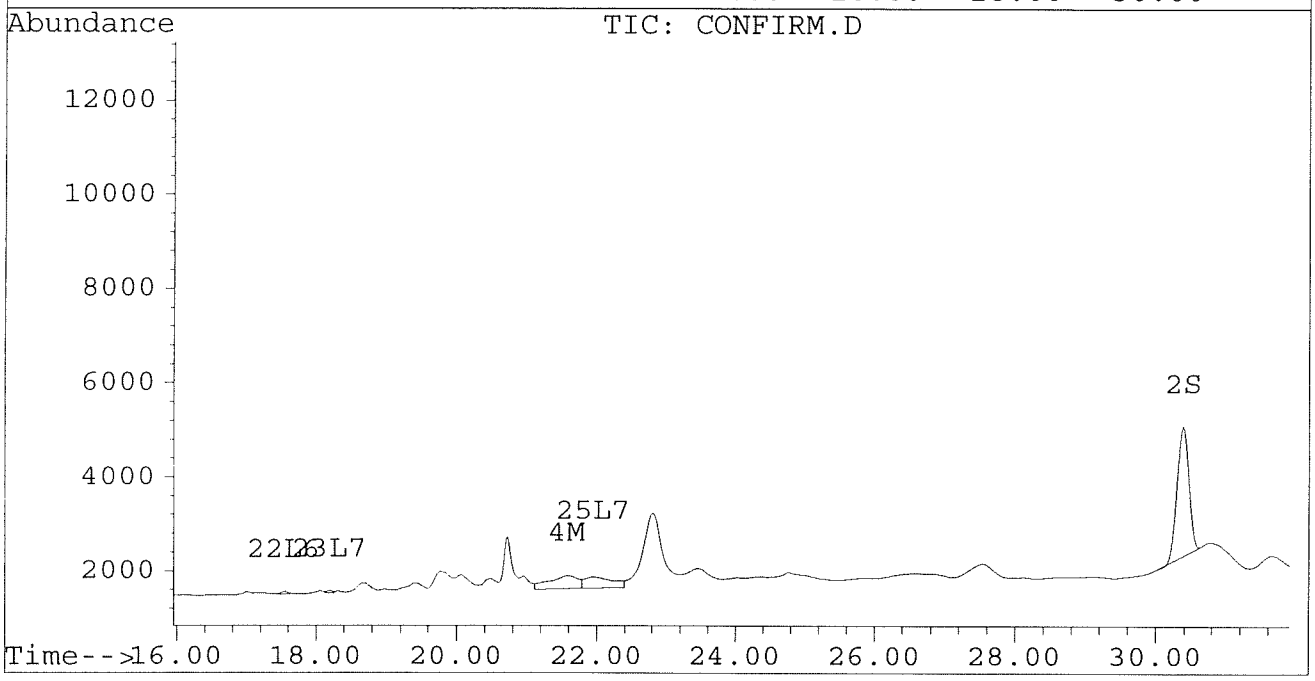
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-46.D Vial: 32
Signal #2 : D:\HPCHEM\5\JL02\C575-46.D\CONFIRM.D
Acq On : 03 Jul 96 07:18 AM Operator: JS
Sample : VHB / BS10:U12 Inst : ECD1
Misc : 30.5G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-46.D Vial: 32
Signal #2 : D:\HPCHEM\5\JL02\C575-46.D\CONFIRM.D
Acq On : 03 Jul 96 07:18 AM Operator: JS
Sample : VHB / BS10:U12 Inst : ECD1
Misc : 30.5G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	10056	9314	0.044	0.050
					Recovery	=	110.00%	125.00%
2)	S	Decachlorobiphenyl	22.23	30.38	9465	2748	0.047	0.034 #
					Recovery	=	117.50%	85.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.64	41	34	0.000	0.000
4)	M	2,2',3,3',4,4'-Hexa	16.99	21.58	1235	278	0.013	0.002 #
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)	9.32	12.20	28	16	0.001	0.001
		Total Aroclor-1016			28	16	0.001	0.001
		Average Aroclor-1016					0.001	0.001
8)	L2	Aroclor-1221	5.02f	0.00	73	0	0.015	N.D. #
9)	L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 (3)	5.68	0.00	36	0	0.003	N.D. #
		Total Aroclor-1221			109	0	0.018	N.D.
		Average Aroclor-1221					0.009	0.000
11)	L3	Aroclor-1232	5.68	0.00	36	0	0.003	N.D. #
12)	L3	Aroclor-1232 (2)	0.00	0.00	0	0	N.D.	N.D.
13)	L3	Aroclor-1232 (3)	8.58	12.20	21	16	0.004	0.004
		Total Aroclor-1232			57	16	0.007	0.004
		Average Aroclor-1232					0.003	0.004
14)	L4	Aroclor-1242	8.22	11.64	41	34	0.001	0.001
15)	L4	Aroclor-1242 (2)	0.00	12.20	0	16	N.D.	0.001 #
16)	L4	Aroclor-1242 (3)	10.07	13.98	17	28	0.001	0.002 #
		Total Aroclor-1242			59	77	0.002	0.005
		Average Aroclor-1242					0.001	0.002
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-46.D
Signal #2 : D:\HPCHEM\5\JL02\C575-46.D\CONFIRM.D
Acq On : 03 Jul 96 07:18 AM
Sample : VHB / BS10:U12
Misc : 30.5G/10ML 98% SOLID PCB ANALYSIS
Quant Time: Jul 5 10:55 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.44	0	25	N.D.	0.001 #
21) L6 Aroclor-1254 {2}	13.43	15.69	100	28	0.003	0.001 #
22) L6 Aroclor-1254 {3}	15.83	17.55	113	59	0.005	0.002 #
Total Aroclor-1254			213	112	0.008	0.004
Average Aroclor-1254					0.004	0.001
23) L7 Aroclor-1260	13.92	18.19	14	57	0.000	0.002 #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	21.94	0	241	N.D.	0.005 #
Total Aroclor-1260			14	297	0.000	0.007
Average Aroclor-1260					0.000	0.004
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.12	0	56	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

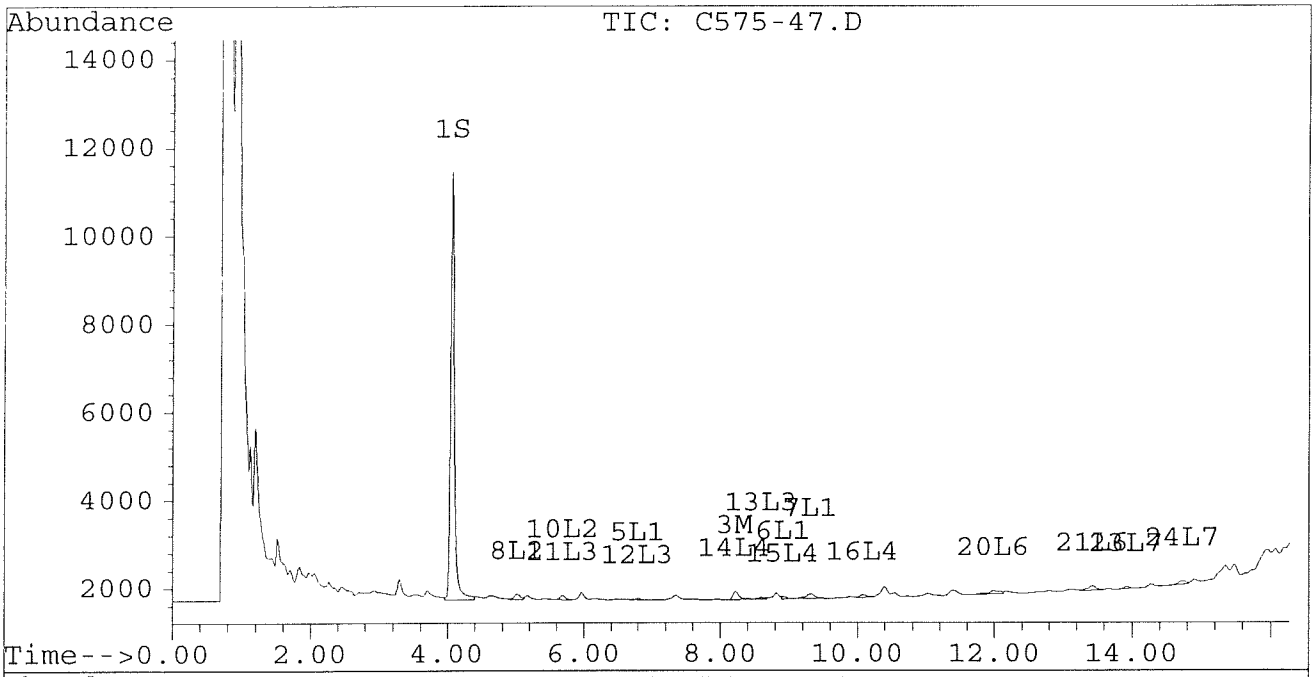
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

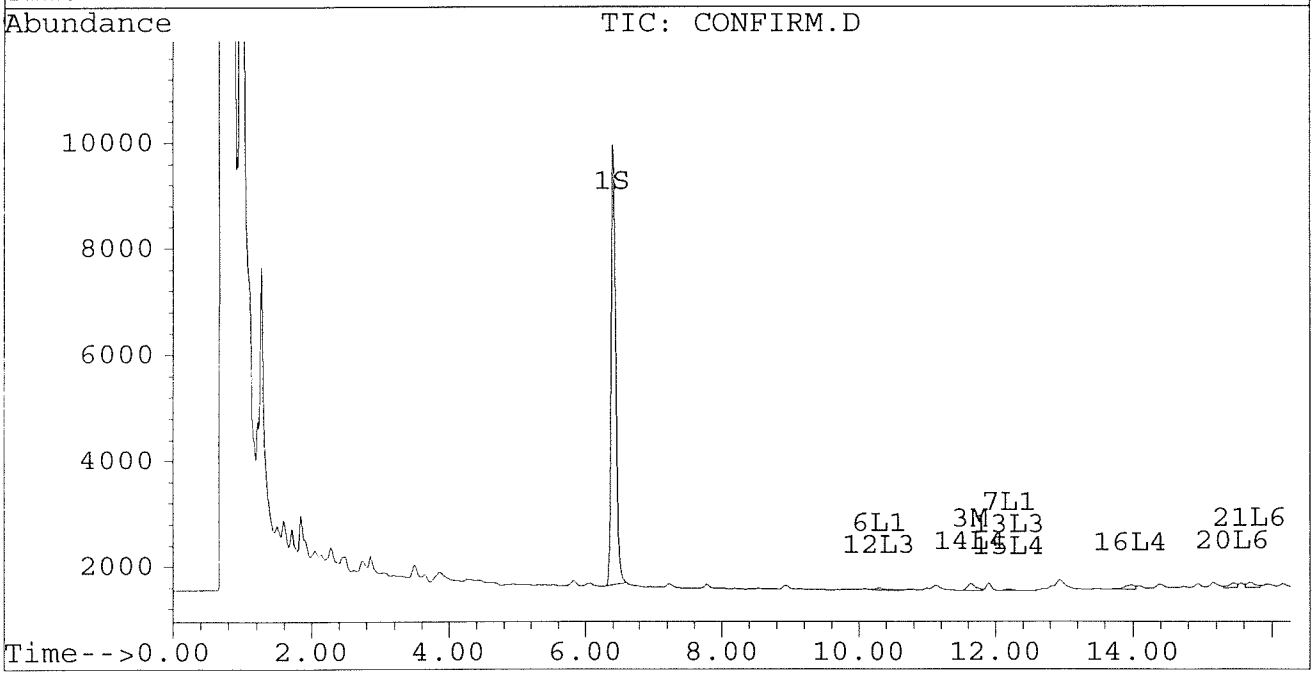
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-47.D Vial: 35
Signal #2 : D:\HPCHEM\5\JL02\C575-47.D\CONFIRM.D
Acq On : 03 Jul 96 09:04 AM Operator: JS
Sample : VHB / BV10:X12 Inst : ECD1
Misc : 30.5G/10ML 99% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





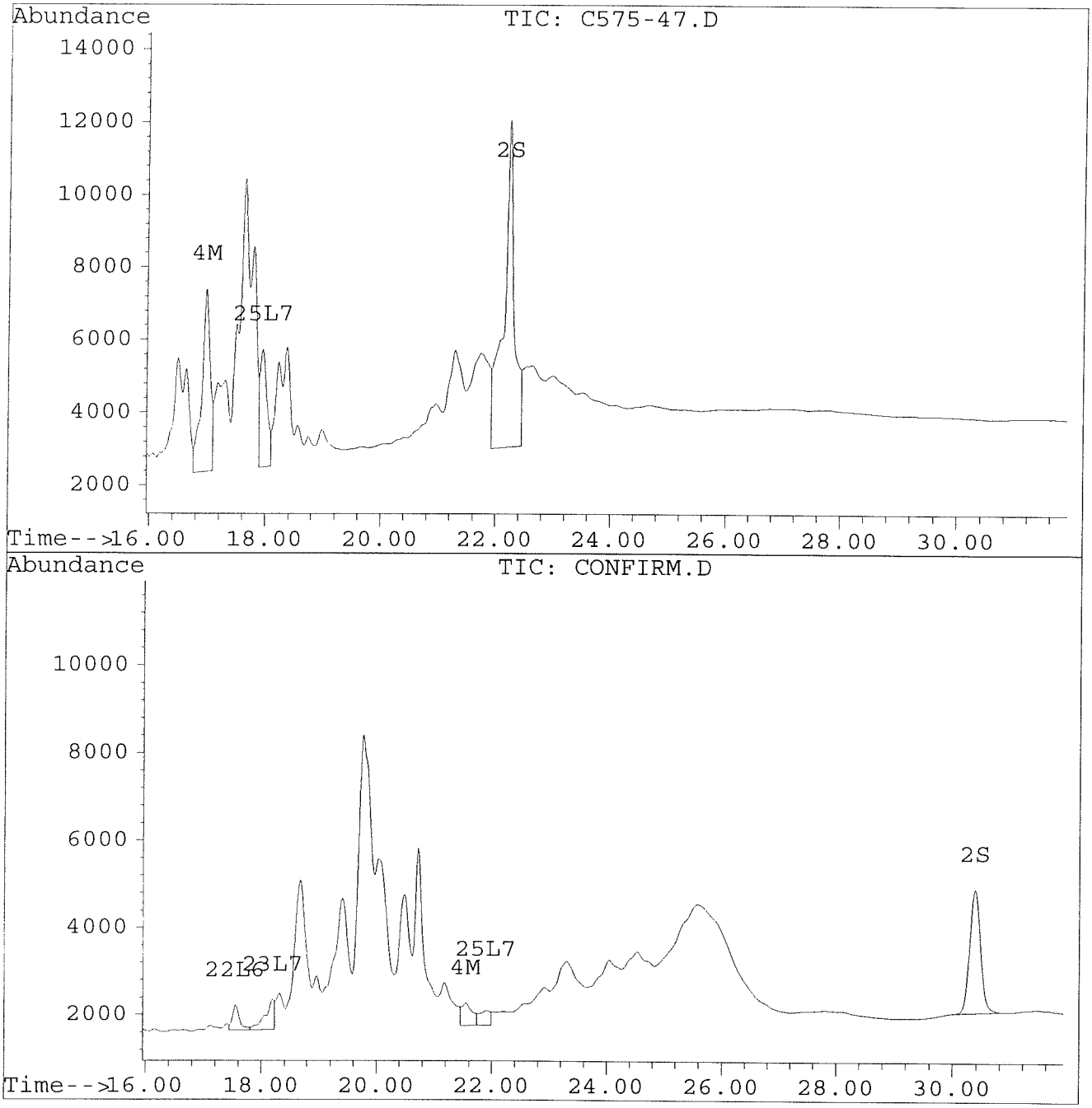
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-47.D
Signal #2 : D:\HPCHEM\5\JL02\C575-47.D\CONFIRM.D
Acq On : 03 Jul 96 09:04 AM
Sample : VHB / BV10:X12
Misc : 30.5G/10ML 99% SOLID PCB ANALYSIS
Quant Time: Jul 5 10:57 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-47.D Vial: 35
Signal #2 : D:\HPCHEM\5\JL02\C575-47.D\CONFIRM.D
Acq On : 03 Jul 96 09:04 AM Operator: JS
Sample : VHB / BV10:X12 Inst : ECD1
Misc : 30.5G/10ML 99% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	9710	8279	0.043	0.044
					Recovery	=	107.50%	110.00%
2)	S	Decachlorobiphenyl	22.23	30.37	8998	2818	0.044	0.034
					Recovery	=	110.00%	85.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.64	185	134	0.002	0.001 #
4)	M	2,2',3,3',4,4'-Hexa	16.97	21.55	5011	521	0.054	0.004 #
5)	L1	Aroclor-1016	6.80	0.00	33	0	0.001	N.D. #
6)	L1	Aroclor-1016 {2}	8.92	10.30	51	45	0.003	0.002 #
7)	L1	Aroclor-1016 {3}	9.31	12.21	107	30	0.004	0.002 #
		Total Aroclor-1016			192	75	0.009	0.003
		Average Aroclor-1016					0.003	0.002
8)	L2	Aroclor-1221	5.02f	0.00	124	0	0.026	N.D. #
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	5.69	0.00	88	0	0.006	N.D. #
		Total Aroclor-1221			212	0	0.032	N.D.
		Average Aroclor-1221					0.016	0.000
11)	L3	Aroclor-1232	5.69	0.00	88	0	0.007	N.D. #
12)	L3	Aroclor-1232 {2}	6.80	10.30	33	45	0.004	0.006 #
13)	L3	Aroclor-1232 {3}	8.61	12.21	36	30	0.007	0.007
		Total Aroclor-1232			156	75	0.018	0.013
		Average Aroclor-1232					0.006	0.006
14)	L4	Aroclor-1242	8.22	11.64	185	134	0.005	0.005
15)	L4	Aroclor-1242 {2}	8.92	12.21	51	30	0.005	0.002 #
16)	L4	Aroclor-1242 {3}	10.08	13.97	70	80	0.005	0.006 #
		Total Aroclor-1242			307	244	0.014	0.013
		Average Aroclor-1242					0.005	0.004
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-47.D Vial: 35
Signal #2 : D:\HPCHEM\5\JL02\C575-47.D\CONFIRM.D
Acq On : 03 Jul 96 09:04 AM Operator: JS
Sample : VHB / BV10:X12 Inst : ECD1
Misc : 30.5G/10ML 99% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.99	15.45	74	87	0.003	0.003
21) L6	Aroclor-1254 {2}	13.43	15.69	101	95	0.003	0.003
22) L6	Aroclor-1254 {3}	0.00	17.55	0	565	N.D.	0.015 #
Total	Aroclor-1254			175	748	0.006	0.022
Average	Aroclor-1254					0.003	0.007
23) L7	Aroclor-1260	13.93	18.19	49	683	0.002	0.023 #
24) L7	Aroclor-1260 {2}	14.73	0.00	77	0	0.003	N.D. #
25) L7	Aroclor-1260 {3}	17.95	21.90	3226	337	0.085	0.007 #
Total	Aroclor-1260			3352	1020	0.089	0.030
Average	Aroclor-1260					0.030	0.015
26) L8	Aroclor-1268	0.00	23.30	0	1438	N.D.	NoCal
27) L8	Aroclor-1268 {2}	18.98	0.00	890	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\C575-48C.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL08\C575-48C.D\CONFIRM.D
Acq On : 08 Jul 96 10:49 AM Operator: JS
Sample : VHB / PS04:U06 1:20 DILUTION Inst : ECD1
Misc : 30.1G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.42	425	549	0.002	0.003m#
				Recovery	=	5.00%	7.50%
2) S	Decachlorobiphenyl	22.22	30.38	455	142	0.002m	0.002
				Recovery	=	5.00%	5.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.64	31399	21981	0.308	0.217 #
4) M	2,2',3,3',4,4'-Hexa	16.94	21.56	4636	3515	0.050	0.026 #
5) L1	Aroclor-1016	6.79	8.77	6256	1299	0.205	0.099 #
6) L1	Aroclor-1016 {2}	8.93	10.30	8106	5586	0.539	0.208 #
7) L1	Aroclor-1016 {3}	9.32	12.22	17645	3637	0.721	0.219 #
Total	Aroclor-1016			32007	10523	1.464	0.526
Average	Aroclor-1016					0.488	0.175
8) L2	Aroclor-1221	5.09	8.00	155	349	0.032	0.083 #
9) L2	Aroclor-1221 {2}	5.50	8.54	270	996	0.066	0.296 #
10) L2	Aroclor-1221 {3}	5.67	8.77	2849	1299	0.205	0.127 #
Total	Aroclor-1221			3273	2644	0.304	0.506
Average	Aroclor-1221					0.101	0.169
11) L3	Aroclor-1232	5.67	8.77	2849	1299	0.237	0.143 #
12) L3	Aroclor-1232 {2}	6.79	10.30	6256	5586	0.718	0.746
13) L3	Aroclor-1232 {3}	8.60	12.22	3902	3637	0.743	0.848
Total	Aroclor-1232			13007	10523	1.698	1.738
Average	Aroclor-1232					0.566	0.579
14) L4	Aroclor-1242	8.21	11.64	31399	21981	0.836	0.753
15) L4	Aroclor-1242 {2}	8.93	12.22	8106	3637	0.732	0.289 #
16) L4	Aroclor-1242 {3}	10.07	13.99	15170	12125	1.036	0.971
Total	Aroclor-1242			54675	37743	2.604	2.014
Average	Aroclor-1242					0.868	0.671
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\C575-48C.D
Signal #2 : D:\HPCHEM\5\JL08\C575-48C.D\CONFIRM.D
Acq On : 08 Jul 96 10:49 AM
Sample : VHB / PS04:U06 1:20 DILUTION
Misc : 30.1G/10ML 94% SOLID PCB ANALYSIS
Quant Time: Jul 8 12:25 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.45	12252	11038	0.458	0.429
21) L6 Aroclor-1254 {2}	13.42	15.69	18082	11762	0.547	0.424
22) L6 Aroclor-1254 {3}	15.81	17.55	13048	16602	0.564	0.444
Total Aroclor-1254			43382	39402	1.569	1.297
Average Aroclor-1254					0.523	0.432
23) L7 Aroclor-1260	13.92	18.18	8686	6187	0.303	0.206 #
24) L7 Aroclor-1260 {2}	14.70	18.50	7416	6818	0.242	0.207
25) L7 Aroclor-1260 {3}	17.91	21.92	3435	2983	0.090	0.064 #
Total Aroclor-1260			19537	15988	0.635	0.477
Average Aroclor-1260					0.212	0.159
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.03	23.54	2828	744	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.81	28.13	3437	330	NoCal	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$\frac{0.753}{0.289} \times \frac{1.042 \times 10}{0.0301 \times .94 \times .666} \times 20 = 11059$ → 11,000

$\frac{0.424}{0.444} \times \frac{0.864 \times 10}{0.0301 \times .94 \times .666} \times 20 = 9212$ → 9200

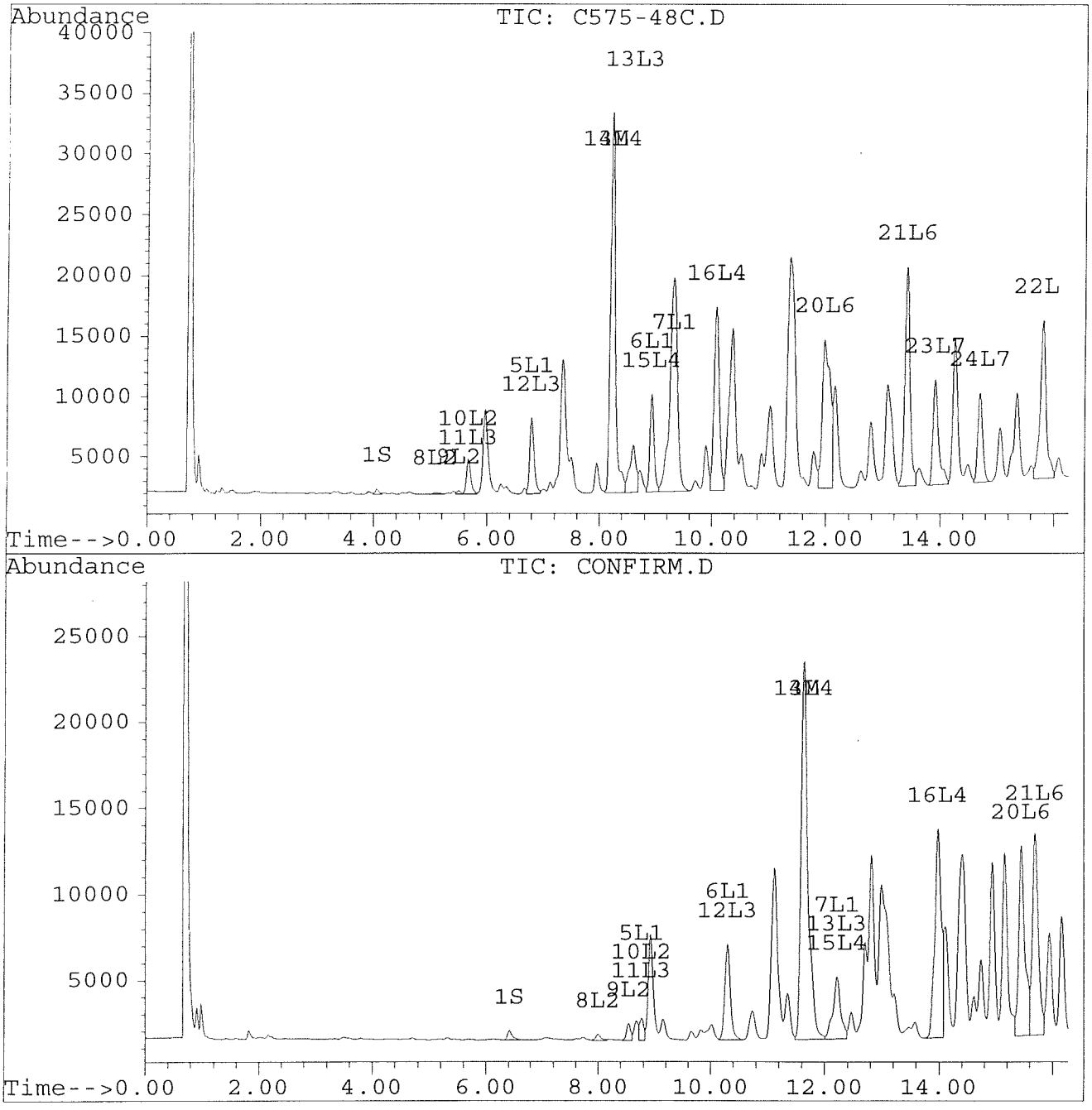
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\C575-48C.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL08\C575-48C.D\CONFIRM.D
Acq On : 08 Jul 96 10:49 AM Operator: JS
Sample : VHB / PS04:U06 1:20 DILUTION Inst : ECD1
Misc : 30.1G/10ML 9~~8~~% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

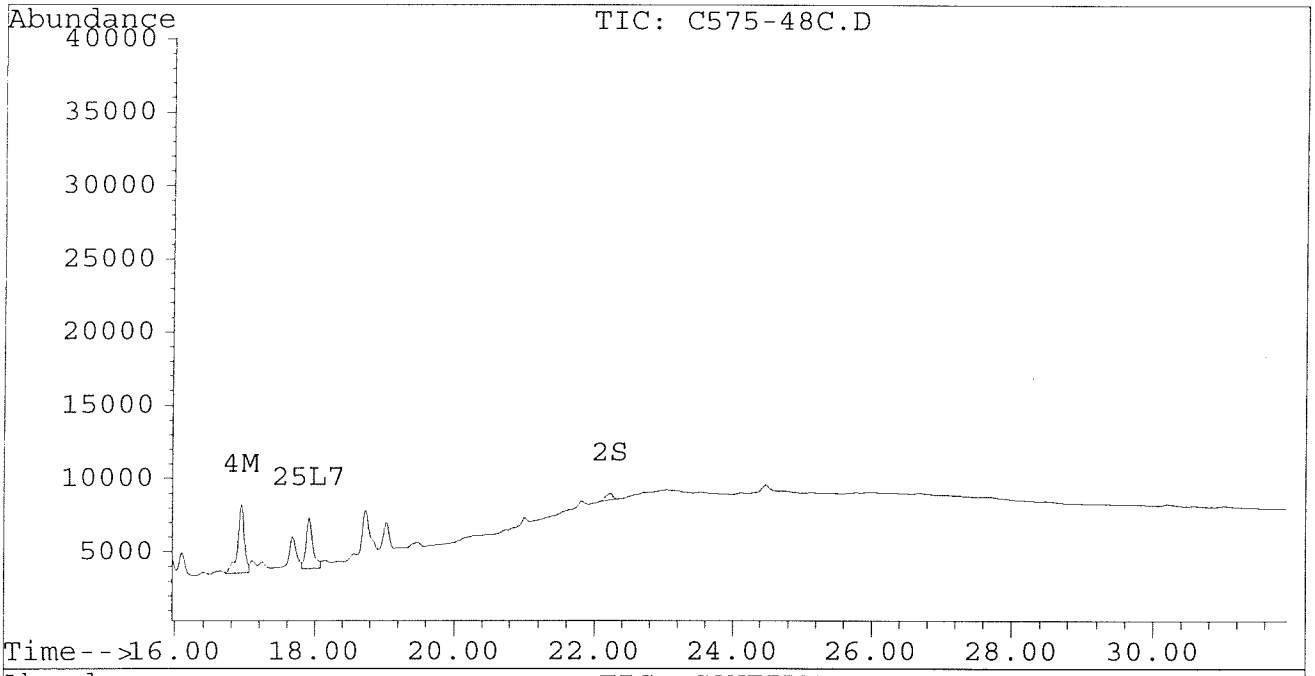


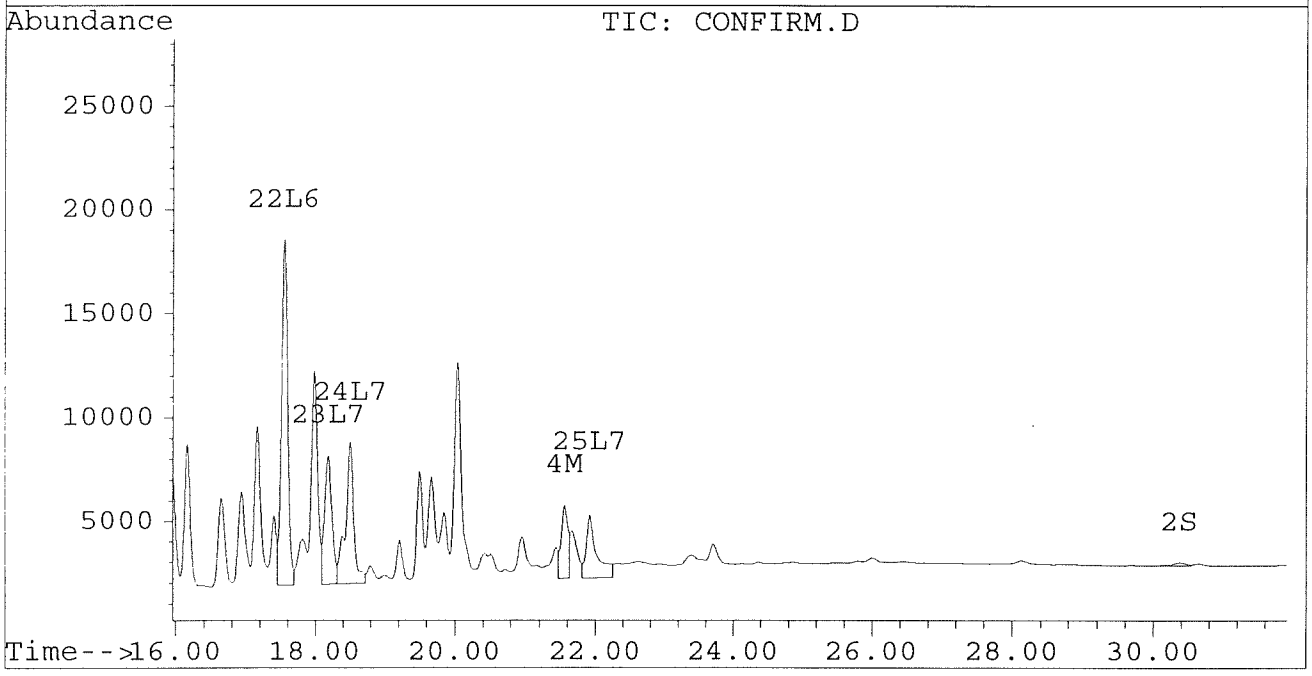
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\C575-48C.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL08\C575-48C.D\CONFIRM.D
Acq On : 08 Jul 96 10:49 AM Operator: JS
Sample : VHB / PS04:U06 1:20 DILUTION Inst : ECD1
Misc : 30.1G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-46M.D Vial: 33
Signal #2 : D:\HPCHEM\5\JL02\C575-46M.D\CONFIRM.D
Acq On : 03 Jul 96 07:53 AM Operator: JS
Sample : VHB / BS10:U12 MS Inst : ECD1
Misc : 30.1G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	9670	8273	0.043	0.044
					Recovery	=	107.50%	~~110.00%~~
2)	S	Decachlorobiphenyl	22.23	30.38	8062	2722	0.040	0.033
					Recovery	=	100.00%	82.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.64	20619	19601	0.202	0.193
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.55	29866	28952	0.324	0.215 #
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}	9.31	0.00	58	0	0.002	N.D. #
		Total Aroclor-1016			58	0	0.002	N.D.
		Average Aroclor-1016					0.002	0.000
8)	L2	Aroclor-1221	5.02f	0.00	171	0	0.035	N.D. #
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	5.69	0.00	66	0	0.005	N.D. #
		Total Aroclor-1221			237	0	0.040	N.D.
		Average Aroclor-1221					0.020	0.000
11)	L3	Aroclor-1232	5.69	0.00	66	0	0.005	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			66	0	0.005	N.D.
		Average Aroclor-1232					0.005	0.000
14)	L4	Aroclor-1242	8.22	11.64	20619	19601	0.549	0.672
15)	L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16)	L4	Aroclor-1242 {3}	10.08	13.97	28	34	0.002	0.003 #
		Total Aroclor-1242			20647	19635	0.551	0.674
		Average Aroclor-1242					0.276	0.337
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	10.17	0.00	31	0	0.002	N.D. #
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			31	0	0.002	N.D.
		Average Aroclor-1248					0.002	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-46M.D Vial: 33
Signal #2 : D:\HPCHEM\5\JL02\C575-46M.D\CONFIRM.D
Acq On : 03 Jul 96 07:53 AM Operator: JS
Sample : VHB / BS10:U12 MS Inst : ECD1
Misc : 30.1G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.99	15.45	26	47	0.001	0.002 #
21) L6	Aroclor-1254 {2}	13.43	15.68	33	41	0.001	0.001 #
22) L6	Aroclor-1254 {3}	0.00	17.55	0	162	N.D.	0.004 #
Total	Aroclor-1254			59	251	0.002	0.008
Average	Aroclor-1254					0.001	0.003
23) L7	Aroclor-1260	13.92	0.00	87	0	0.003	N.D. #
24) L7	Aroclor-1260 {2}	14.72	0.00	20	0	0.001	N.D. #
25) L7	Aroclor-1260 {3}	17.96	0.00	783	0	0.021	N.D. #
Total	Aroclor-1260			890	0	0.024	N.D.
Average	Aroclor-1260					0.008	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.04	0.00	543	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.80	0.00	1348	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

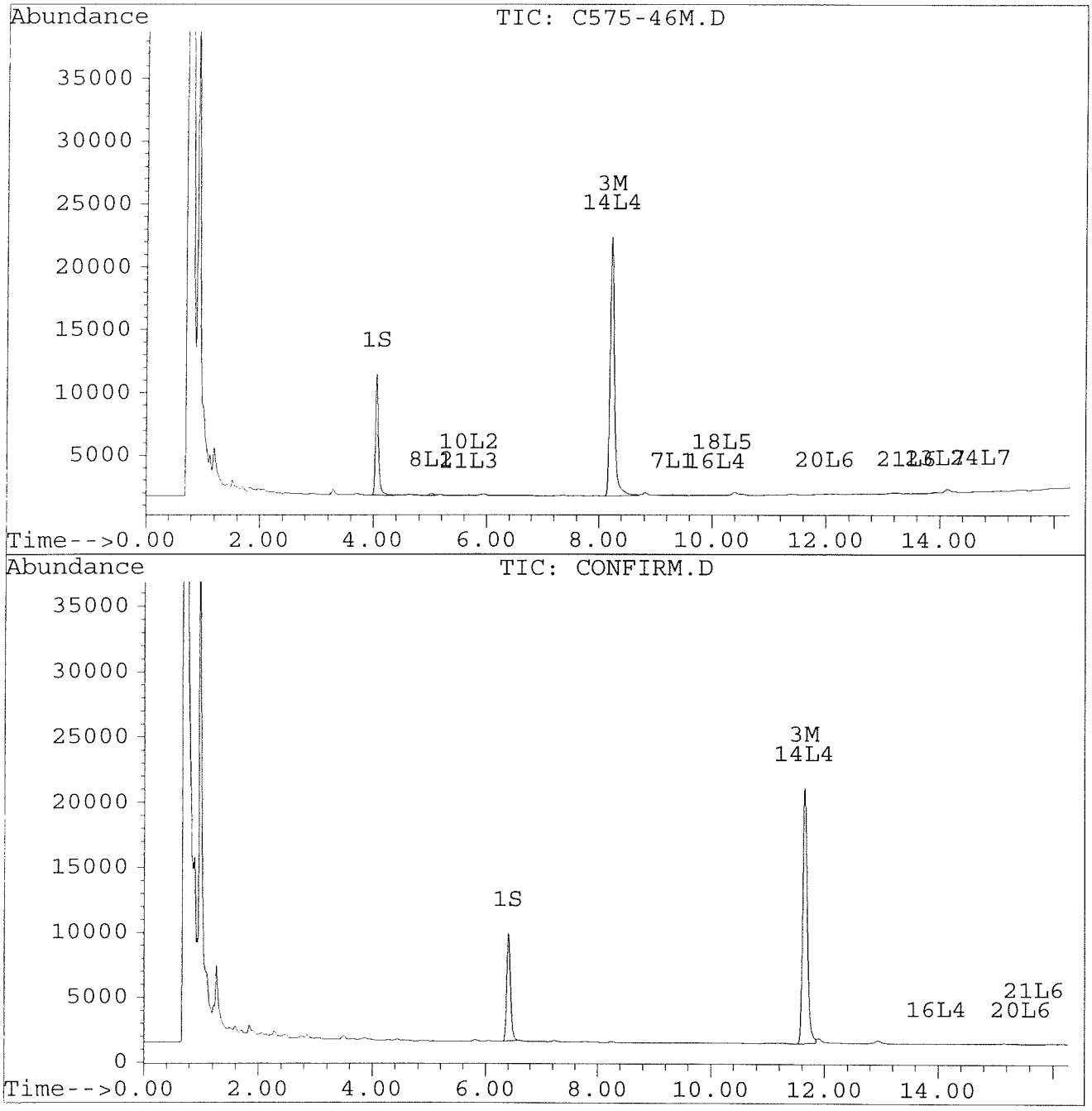
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-46M.D Vial: 33
Signal #2 : D:\HPCHEM\5\JL02\C575-46M.D\CONFIRM.D
Acq On : 03 Jul 96 07:53 AM Operator: JS
Sample : VHB / BS10:U12 MS Inst : ECD1
Misc : 30.1G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

PB 7/5/96

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

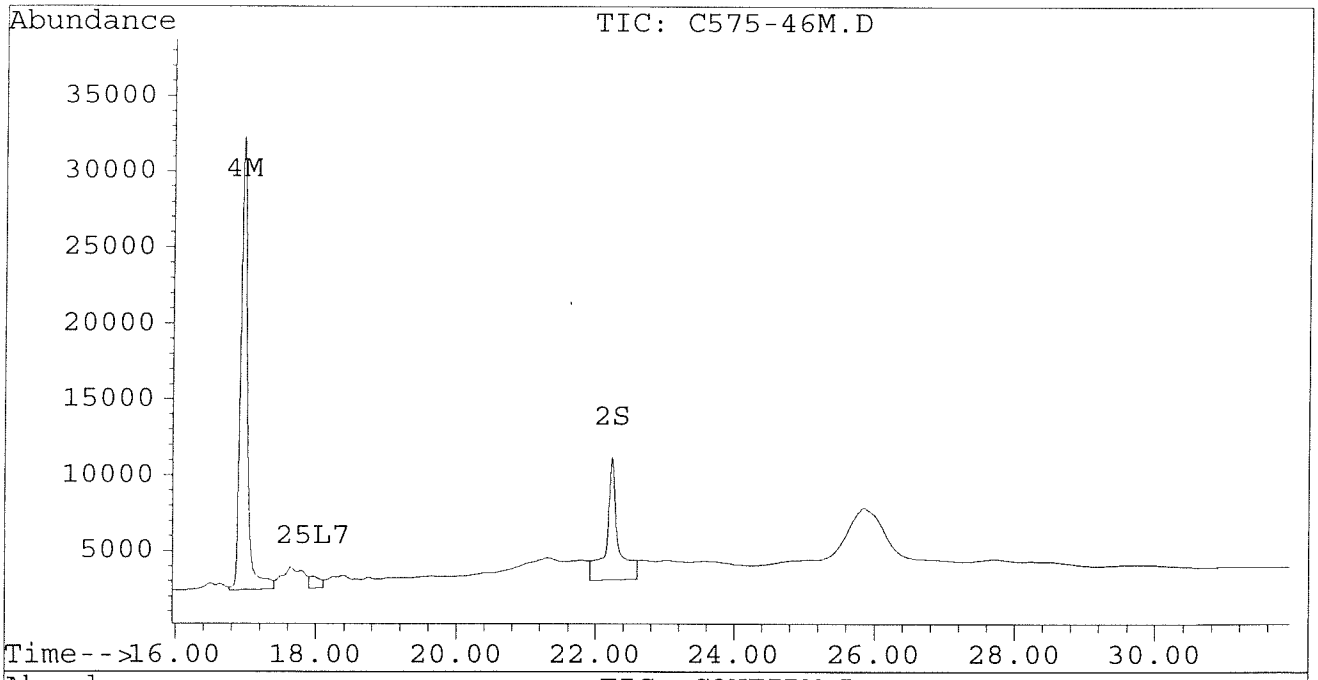


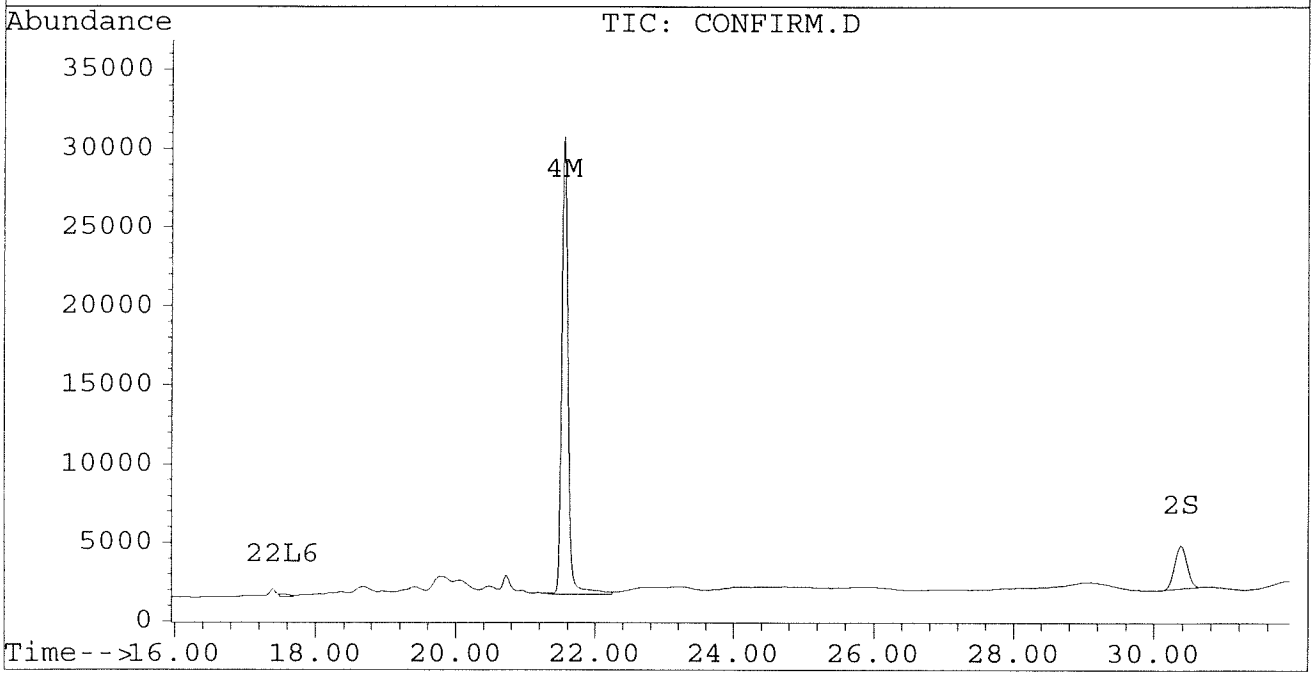
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-46M.D Vial: 33
Signal #2 : D:\HPCHEM\5\JL02\C575-46M.D\CONFIRM.D
Acq On : 03 Jul 96 07:53 AM Operator: JS
Sample : VHB / BS10:U12 MS Inst : ECD1
Misc : 30.1G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





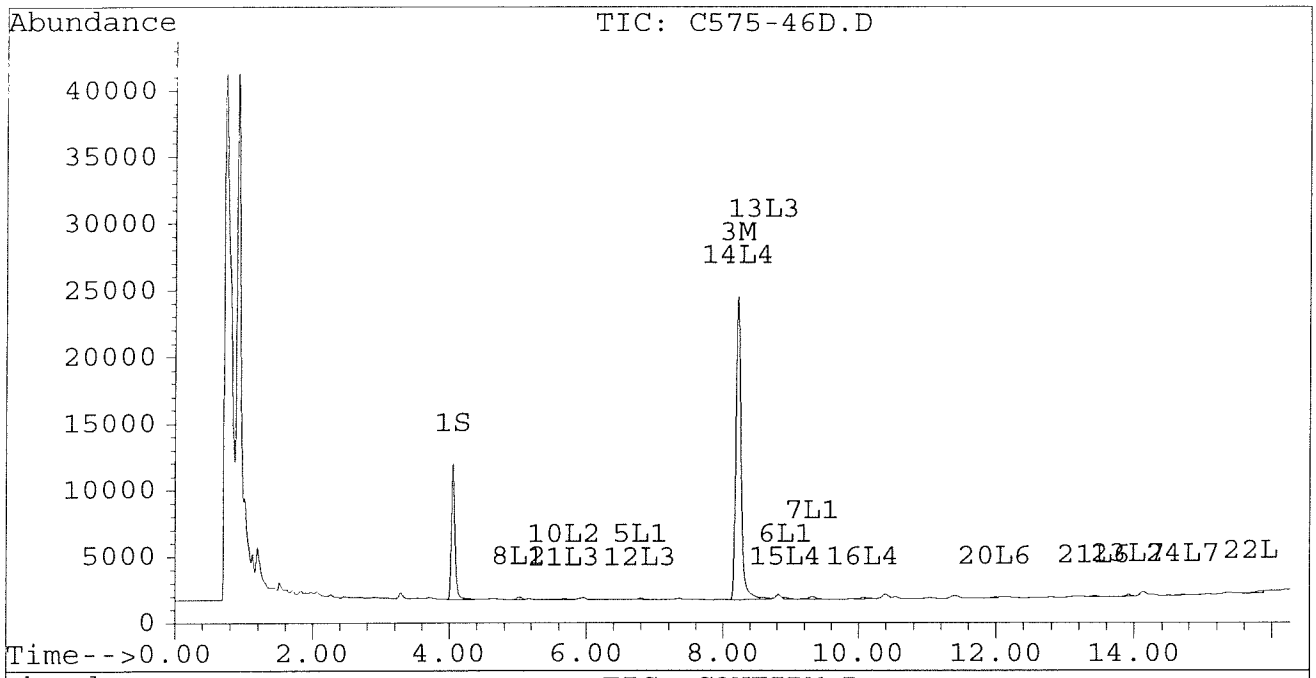
Quantitation Report

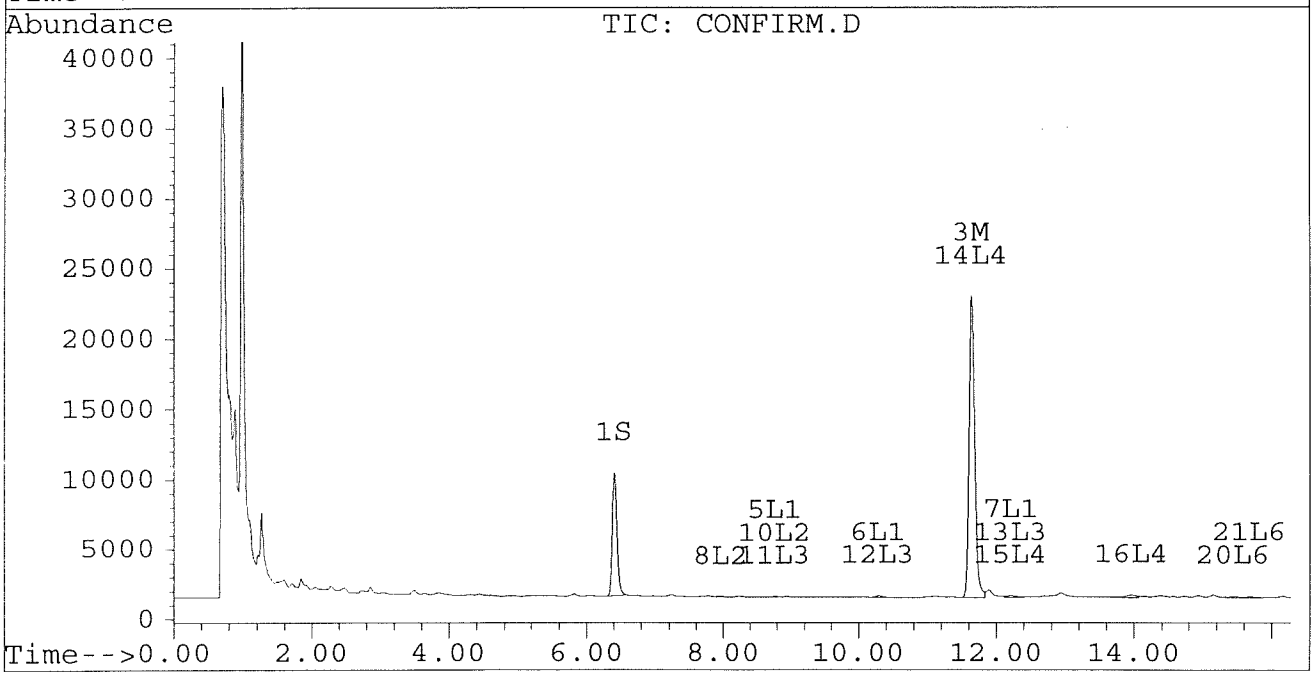
Signal #1 : D:\HPCHEM\5\JL02\C575-46D.D Vial: 34
Signal #2 : D:\HPCHEM\5\JL02\C575-46D.D\CONFIRM.D
Acq On : 03 Jul 96 08:29 AM Operator: JS
Sample : VHB / BS10:U12 MSD Inst : ECD1
Misc : 30.3G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

PB575K6

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



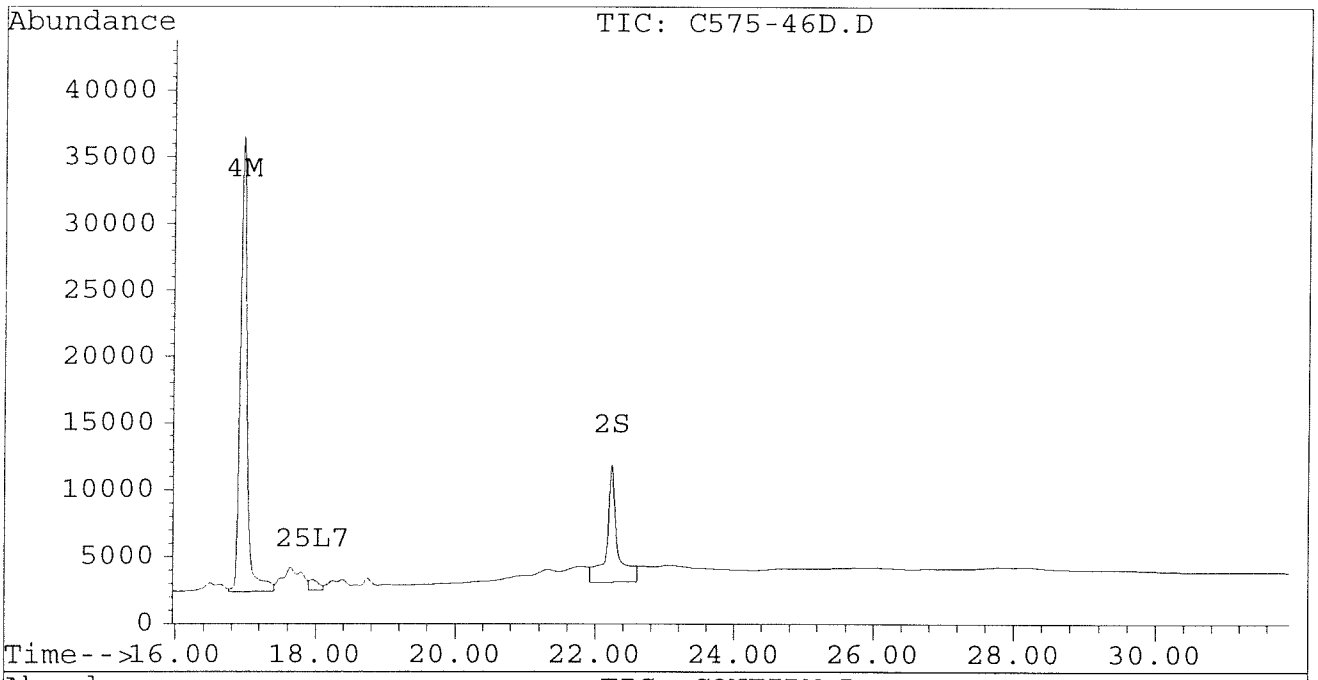


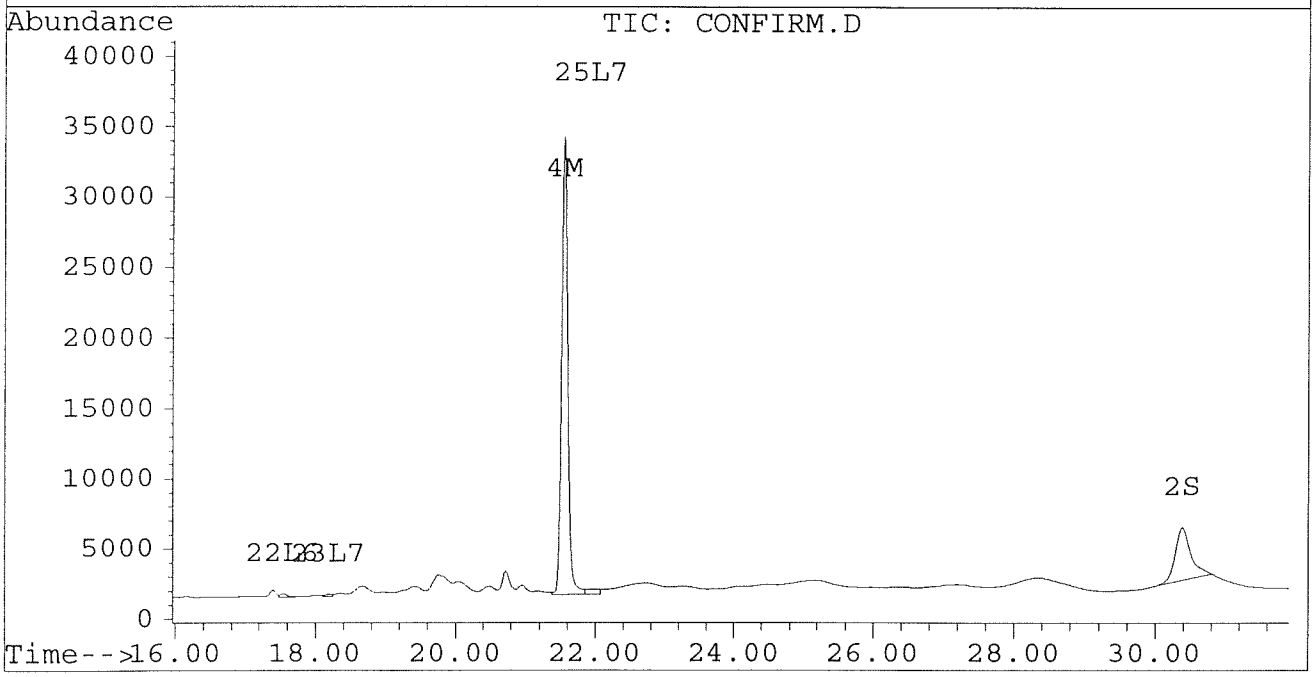
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-46D.D Vial: 34
Signal #2 : D:\HPCHEM\5\JL02\C575-46D.D\CONFIRM.D
Acq On : 03 Jul 96 08:29 AM Operator: JS
Sample : VHB / BS10:U12 MSD Inst : ECD1
Misc : 30.3G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





100

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-46D.D Vial: 34
Signal #2 : D:\HPCHEM\5\JL02\C575-46D.D\CONFIRM.D
Acq On : 03 Jul 96 08:29 AM Operator: JS
Sample : VHB / BS10:U12 MSD Inst : ECD1
Misc : 30.3G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.05	6.41	10258	8780	0.045	0.047	
					Recovery	=	112.50%	117.50%	
2)	S	Decachlorobiphenyl	22.23	30.38	8750	3745	0.043	0.046	
					Recovery	=	107.50%	115.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.64	22786	21456	0.224	0.212	1Q
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.55	34154	32493	0.370	0.242	#12
5)	L1	Aroclor-1016	6.80	8.77	125	51	0.004	0.004	
6)	L1	Aroclor-1016 {2}	8.92	10.29	145	121	0.010	0.005	#
7)	L1	Aroclor-1016 {3}	9.32	12.22	190	136	0.008	0.008	
		Total Aroclor-1016			459	308	0.021	0.017	
		Average Aroclor-1016					0.007	0.006	
8)	L2	Aroclor-1221	5.02f	7.98	207	25	0.043	0.006	#
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10)	L2	Aroclor-1221 {3}	5.68	8.77	120	51	0.009	0.005	#
		Total Aroclor-1221			326	75	0.051	0.011	
		Average Aroclor-1221					0.026	0.005	
11)	L3	Aroclor-1232	5.68	8.77	120	51	0.010	0.006	#
12)	L3	Aroclor-1232 {2}	6.80	10.29	125	121	0.014	0.016	
13)	L3	Aroclor-1232 {3}	8.59	12.22	165	136	0.031	0.032	
		Total Aroclor-1232			409	308	0.056	0.054	
		Average Aroclor-1232					0.019	0.018	
14)	L4	Aroclor-1242	8.22	11.64	22786	21456	0.607	0.735	
15)	L4	Aroclor-1242 {2}	8.92	12.22	145	136	0.013	0.011	
16)	L4	Aroclor-1242 {3}	10.08	13.97	135	177	0.009	0.014	#
		Total Aroclor-1242			23066	21770	0.629	0.760	
		Average Aroclor-1242					0.210	0.253	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-46D.D Vial: 34
Signal #2 : D:\HPCHEM\5\JL02\C575-46D.D\CONFIRM.D
Acq On : 03 Jul 96 08:29 AM Operator: JS
Sample : VHB / BS10:U12 MSD Inst : ECD1
Misc : 30.3G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.99	15.45	77	95	0.003	0.004 #
21) L6 Aroclor-1254 {2}	13.43	15.68	110	90	0.003	0.003
22) L6 Aroclor-1254 {3}	15.84	17.54	167	223	0.007	0.006
Total Aroclor-1254			354	408	0.013	0.013
Average Aroclor-1254					0.004	0.004
23) L7 Aroclor-1260	13.92	18.19	150	164	0.005	0.005
24) L7 Aroclor-1260 {2}	14.71	0.00	49	0	0.002	N.D. #
25) L7 Aroclor-1260 {3}	17.95	21.92	776	387	0.020	0.008 #
Total Aroclor-1260			975	551	0.027	0.014
Average Aroclor-1260					0.009	0.007
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.02	0.00	290	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.80	0.00	1259	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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

GPC Batch Number:
Florisil Lot Number:

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

Date:	06-26-96	Analysis:	PCB			Sample Matrix:	Soil		Project #:	C0575	
Blank ID:	P0626-B1	Method:	Sonic.			Analyst:	JSO		Client:	VHB	
Lab Sample ID	Client Sample ID	Weight/ Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments	
P0626-B1		30.0 g	2mL PW960617A	1mL PW960617A							
-LCS1		30.0 g									
91 P0575-51		30.5 g									
93 .54		30.5 g									
94 .57		30.2 g									

JSO 6-26-96

JSO 6 26 96

Page 1 of 1

Page 014

Orgprep4

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0624-B2.D Vial: 26
Signal #2 : D:\HPCHEM\5\JL02\P0624-B2.D\CONFIRM.D
Acq On : 03 Jul 96 03:44 AM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	9804	8280	0.043	0.044
				Recovery	=	107.50%	110.00%
2) S	Decachlorobiphenyl	22.23	30.38	8439	2915	0.042	0.036
				Recovery	=	105.00%	90.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	5.02f	0.00	69	0	0.014	N.D. #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			69	0	0.014	N.D.
Average	Aroclor-1221					0.014	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0624-B2.D Vial: 26
Signal #2 : D:\HPCHEM\5\JL02\P0624-B2.D\CONFIRM.D
Acq On : 03 Jul 96 03:44 AM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	21.80	28.13f	1629	20	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

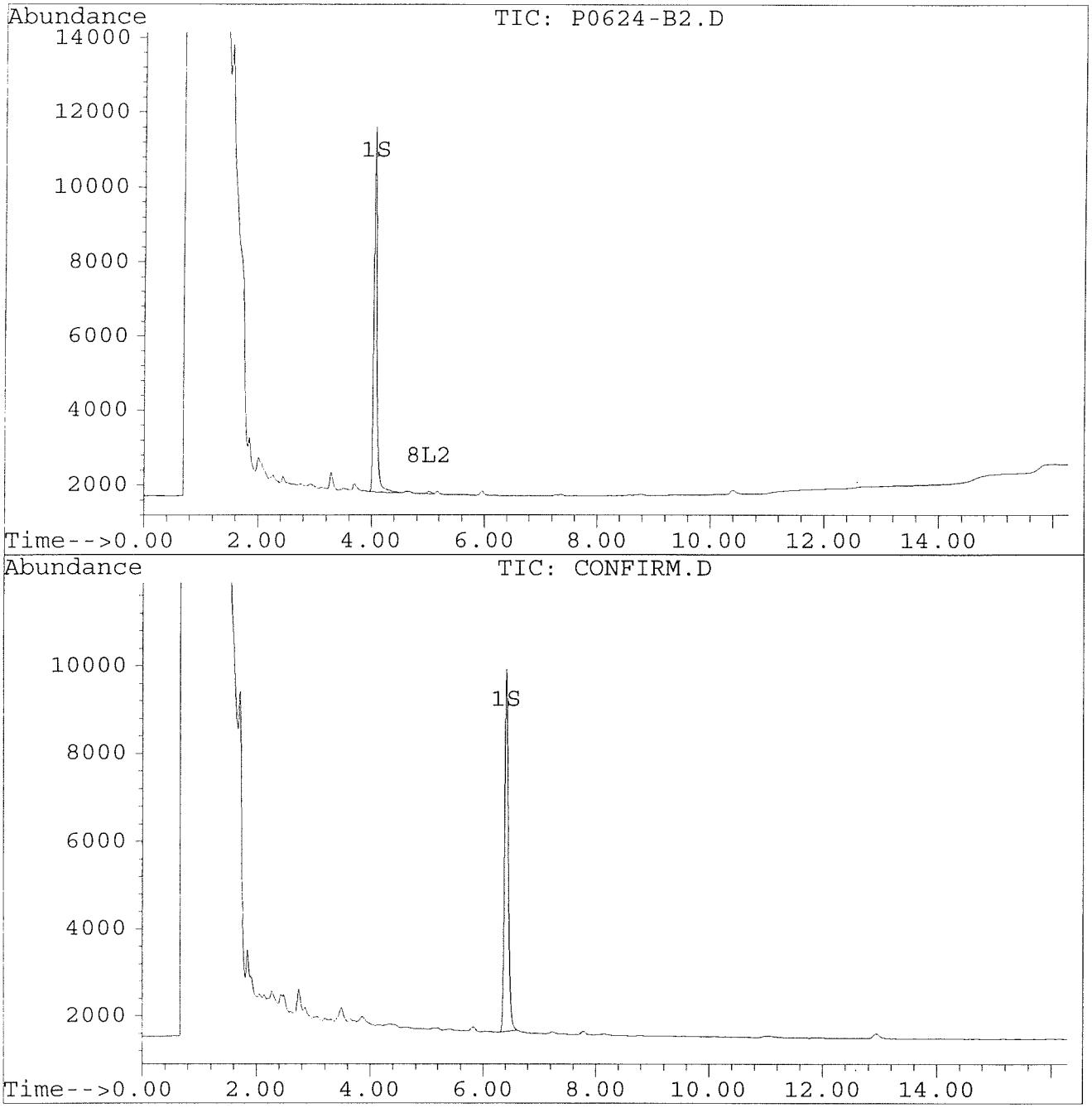
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0624-B2.D Vial: 26
Signal #2 : D:\HPCHEM\5\JL02\P0624-B2.D\CONFIRM.D
Acq On : 03 Jul 96 03:44 AM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

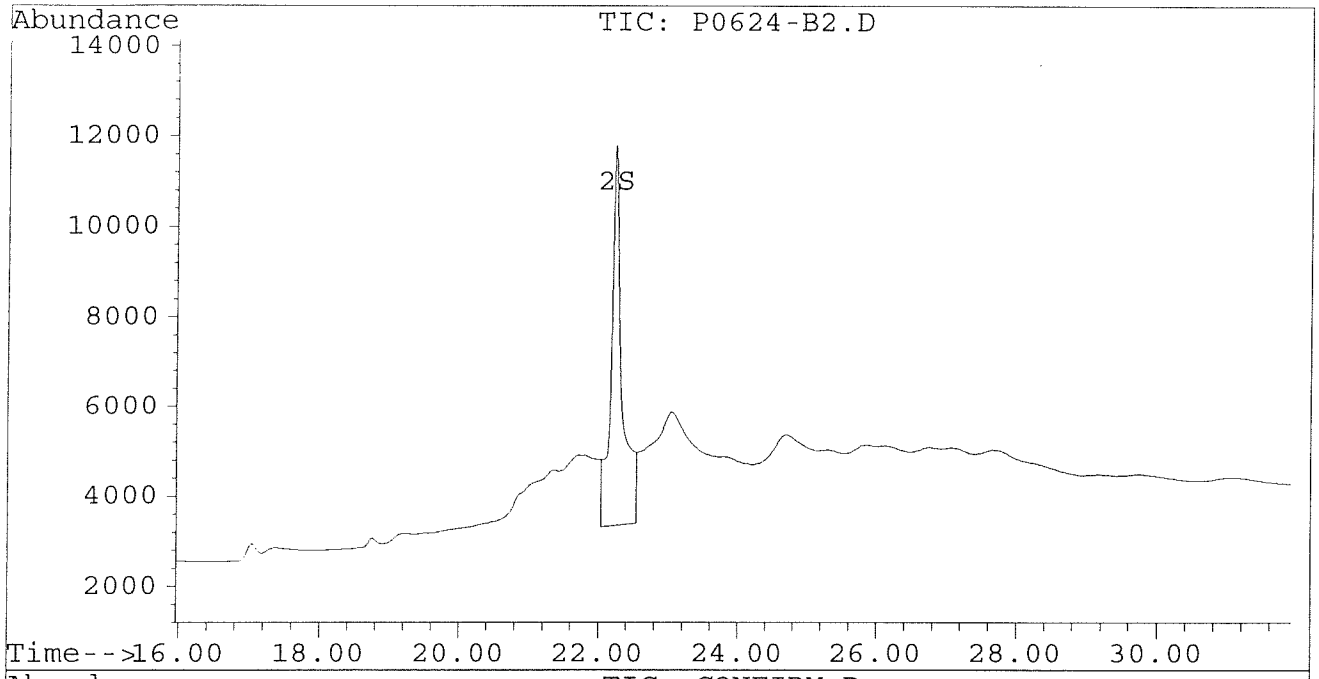


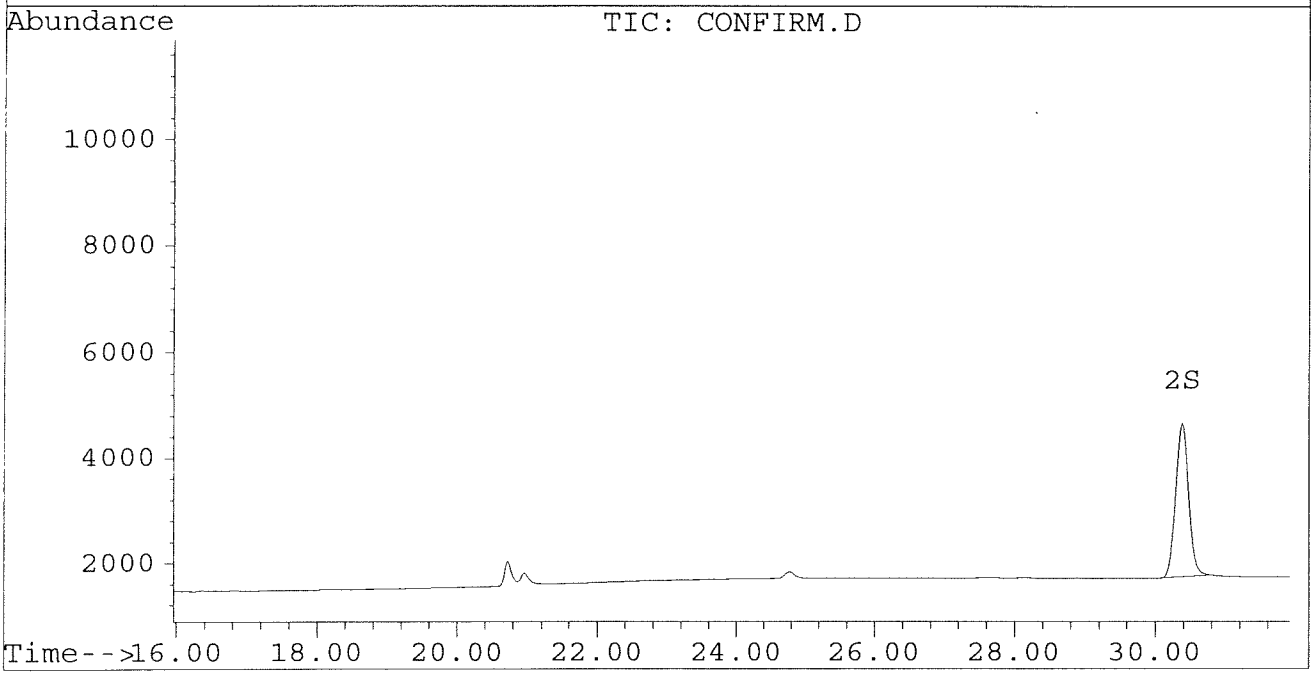
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0624-B2.D Vial: 26
Signal #2 : D:\HPCHEM\5\JL02\P0624-B2.D\CONFIRM.D
Acq On : 03 Jul 96 03:44 AM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0624-B2.D
Signal #2 : D:\HPCHEM\5\JL02\P0624-B2-D\CONFIRM.D
Acq On : 03 Jul 96 04:20 AM
Sample : SOIL LAB CONTROL SAMPLE
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Jul 8 15:48 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	10567	8709	0.046	0.047
				Recovery	=	115.00%	117.50%
2) S	Decachlorobiphenyl	22.23	30.38	7821	3380	0.039m	0.041
				Recovery	=	97.50%	102.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.64	22641	20991	0.222	0.207
4) M	2,2',3,3',4,4'-Hexa	16.95	21.55	30917	33274	0.335	0.248 #
5) L1	Aroclor-1016	0.00	8.73f	0	22	N.D.	0.002 #
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	9.34	0.00	15	0	0.001	N.D. #
Total	Aroclor-1016			15	22	0.001	0.002
Average	Aroclor-1016					0.001	0.002
8) L2	Aroclor-1221	5.05	7.98	216	34	0.045	0.008 #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.70f	8.73	21	22	0.002	0.002 #
Total	Aroclor-1221			237	56	0.046	0.010
Average	Aroclor-1221					0.023	0.005
11) L3	Aroclor-1232	5.70f	8.73	21	22	0.002	0.002 #
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			21	22	0.002	0.002
Average	Aroclor-1232					0.002	0.002
14) L4	Aroclor-1242	8.21	11.64	22641	20991	0.603	0.719
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1242			22641	20991	0.603	0.719
Average	Aroclor-1242					0.603	0.719
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0624-B3.D Vial: 27
Signal #2 : D:\HPCHEM\5\JL02\P0624-B3.D\CONFIRM.D
Acq On : 03 Jul 96 04:20 AM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 15:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	13.92	0.00	75	0	0.003	N.D. #
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			75	0	0.003	N.D.
Average	Aroclor-1260					0.003	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	21.84	28.14f	1213	23	NoCal	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.

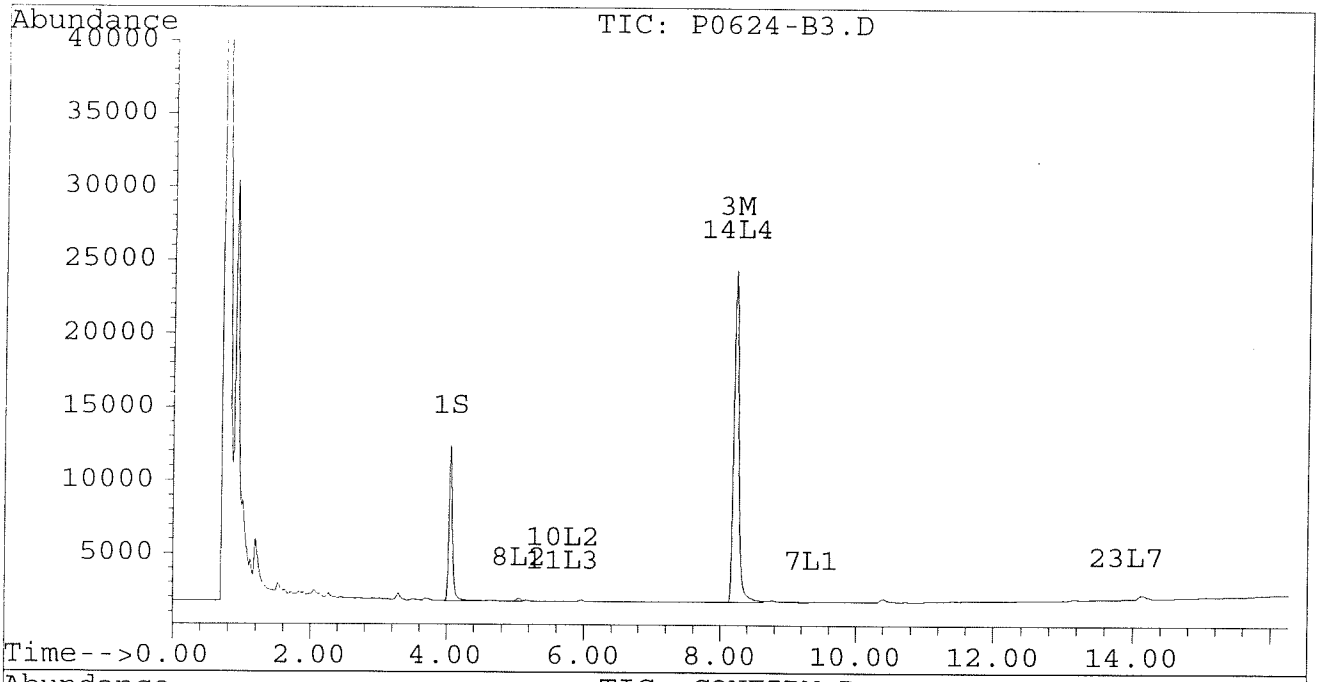
Quantitation Report

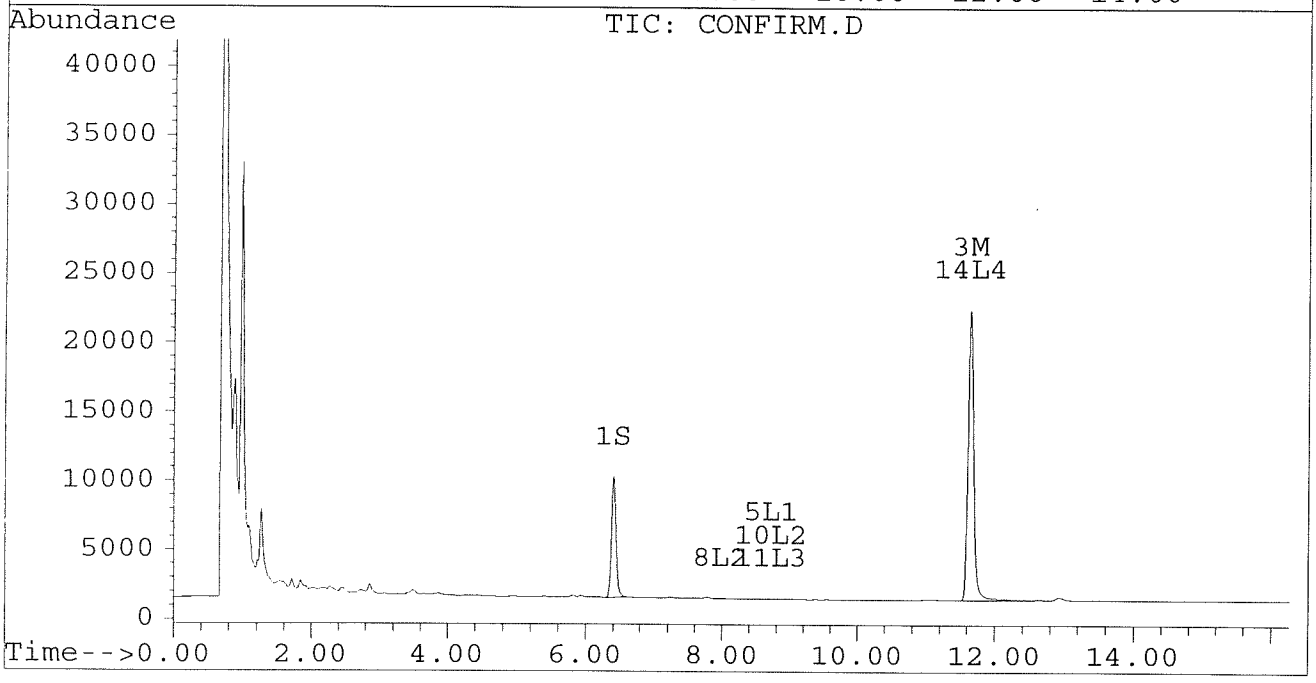
Signal #1 : D:\HPCHEM\5\JL02\P0624-B3.D
Signal #2 : D:\HPCHEM\5\JL02\P0624-B3.D\CONFIRM.D
Acq On : 03 Jul 96 04:20 AM
Sample : SOIL LAB CONTROL SAMPLE
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Jul 8 15:48 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



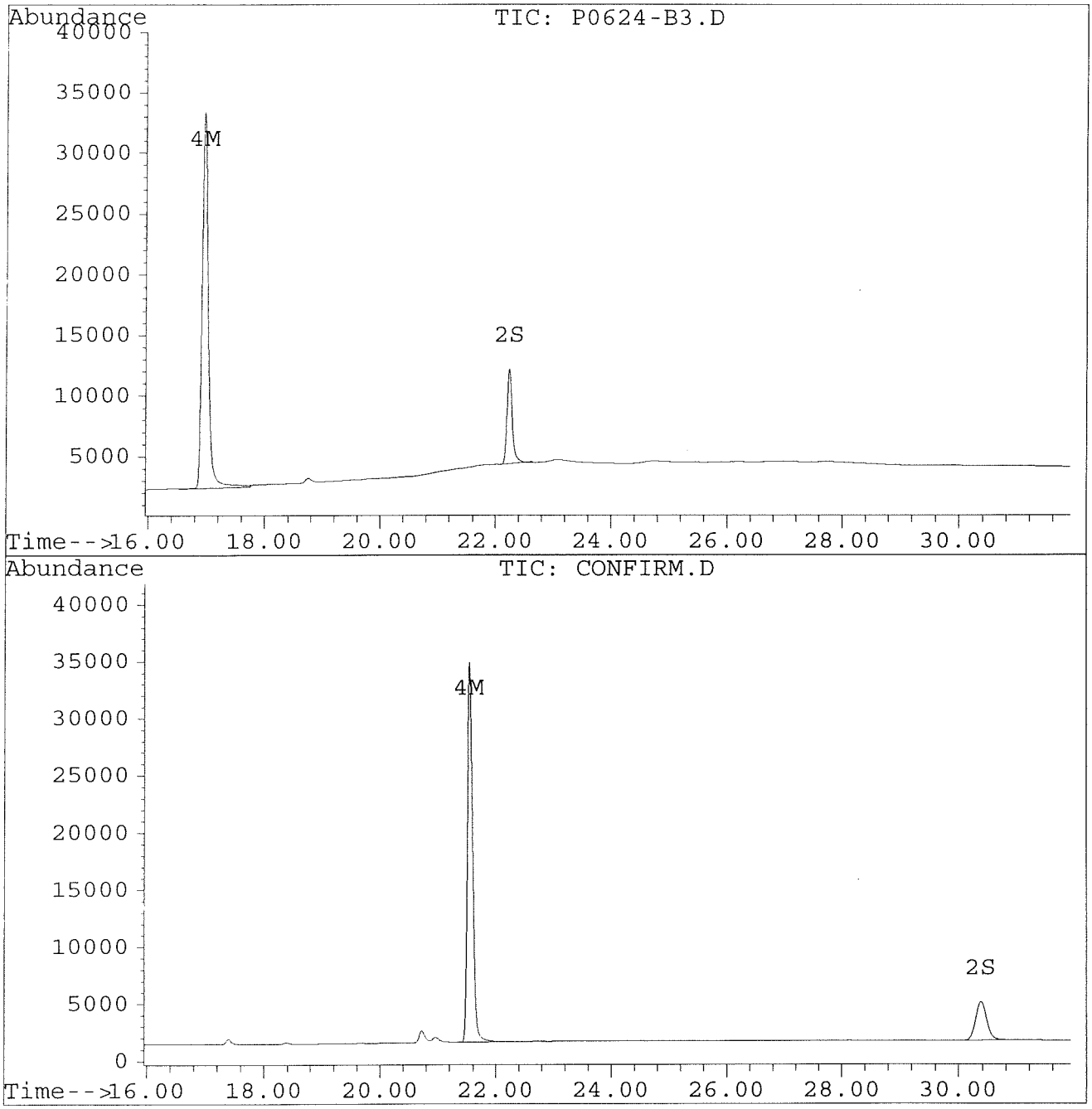


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0624-B3.D Vial: 27
Signal #2 : D:\HPCHEM\5\JL02\P0624-B3.D\CONFIRM.D
Acq On : 03 Jul 96 04:20 AM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 15:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



MITKEM CORPORATION ORGANIC PREP

Date:	06-24-96	Analysis:	PCB							
Blank ID:	PO624-B2	Method:	SW Cont Ext			Analyst				

Lab Sample ID	Client Sample ID	Weight/ Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments
PO624-B2		30.0	2mL PW960612A				6-25-96	10mL Hexane	6-27-96	JD*
PO624-LCS		30.0		1mL PW960612A						
PC0575-01		30.5								
-04		30.2								could not acid clean
-07		30.2								Could not acid clean
-08		30.1								~~could not acid clean~~ JSO 6-27-96
-10		30.4								could not acid clean
-13		30.0								Could not acid clean
-16		30.3								Could not acid clean
-19		30.3								
-22		30.5								
-25		30.4								
-28		30.6								
-31		30.4								
-34		30.1								
-37		30.2								
-40		30.3								
-43		30.1								

Surrogates Only

Solvent Track:

GPC Batch Number:
Florisil Lot Number:

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

Date:	6-24-96	Analysis:	PCB			Sample Matrix:	Soil		Project #:	C0575
Blank ID:	PB624-B2	Method:	Sonic			Analyst:	JSO		Client:	UHB

Lab Sample ID	Client Sample ID	Weight/ Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments
PC0575-44	*	30.1	2ml PW960612A		—	—	6-25-96	10ml Hexane	6-27-96	
-46		30.5		1ml PW960617A						
-46MS		30.1								
-46MSD		30.3								
-47		30.5								
-48		30.1								

JSO 6-24-96

JSO 6-24-96

* Last ~1ml sample of final 6ml before taken down to 10 ml → Took only to 9ml

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-51A.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL02\C575-51A.D\CONFIRM.D
Acq On : 05 Jul 96 05:44 PM Operator: JS
Sample : VHB / PS10:U12 RERUN Inst : ECD1
Misc : 30.5G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 15:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	7654	6442	0.034	0.034
					Recovery	=	85.00%	85.00%
2)	S	Decachlorobiphenyl	22.23	30.38	7824	2706	0.039m	0.033m
					Recovery	=	97.50%	82.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.64	40830	29916	0.401	0.295 #
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.56	11299	8063	0.122	0.060 #
5)	L1	Aroclor-1016	6.79	8.77	6088	1300	0.199	0.099 #
6)	L1	Aroclor-1016 {2}	8.93	10.30	11458	5612	0.761	0.209 #
7)	L1	Aroclor-1016 {3}	9.32	12.22	24744	3886	1.010	0.234 #
	Total	Aroclor-1016			42291	10798	1.971	0.542
Average		Aroclor-1016					0.657	0.181
8)	L2	Aroclor-1221	0.00	7.99	0	1046	N.D.	0.249 #
9)	L2	Aroclor-1221 {2}	0.00	8.54	0	2448	N.D.	0.728 #
10)	L2	Aroclor-1221 {3}	5.66	8.77	3899	1300	0.281	0.127 #
	Total	Aroclor-1221			3899	4793	0.281	1.104
Average		Aroclor-1221					0.281	0.368
11)	L3	Aroclor-1232	5.66	8.77	3899	1300	0.325	0.143 #
12)	L3	Aroclor-1232 {2}	6.79	10.30	6088	5612	0.698	0.750
13)	L3	Aroclor-1232 {3}	8.60	12.22	4563	3886	0.869	0.906
	Total	Aroclor-1232			14551	10798	1.892	1.799
Average		Aroclor-1232					0.631	0.600
14)	L4	Aroclor-1242	8.22	11.64	40830	29916	1.087	1.025
15)	L4	Aroclor-1242 {2}	8.93	12.22	11458	3886	1.034	0.309 #
16)	L4	Aroclor-1242 {3}	10.07	13.99	22463	16410	1.534	1.315
	Total	Aroclor-1242			74751	50212	3.656	2.649
Average		Aroclor-1242					1.219	0.883
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1248			0	0	N.D.	N.D.
Average		Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-51A.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL02\C575-51A.D\CONFIRM.D
Acq On : 05 Jul 96 05:44 PM Operator: JS
Sample : VHB / PS10:U12 RERUN Inst : ECD1
Misc : 30.5G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 15:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.45	19111	18340	0.715	0.712
21) L6 Aroclor-1254 {2}	13.42	15.69	36220	18006	1.095	0.649 #
22) L6 Aroclor-1254 {3}	15.82	17.55	31320	32624	1.353	0.873 #
Total Aroclor-1254			86651	68971	3.163	2.234
Average Aroclor-1254					1.054	0.745
23) L7 Aroclor-1260	13.92	18.18	17616	12490	0.615	0.416 #
24) L7 Aroclor-1260 {2}	14.70	18.50	16777	14761	0.547	0.448
25) L7 Aroclor-1260 {3}	17.91	21.92	8126	7584	0.213	0.162
Total Aroclor-1260			42518	34834	1.375	1.027
Average Aroclor-1260					0.458	0.342
26) L8 Aroclor-1268	18.86	0.00	2460	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	6589	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.81	28.14f	6453	2052	NoCal	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$\frac{1.025 + .309}{\frac{1.334 \times 10}{0.0305 \times .91 \times .666}} = 721 \quad (720)$$

$$\frac{0.649 + 0.873}{\frac{1.522 \times 10}{0.0305 \times 91 \times .666}} = 823 \quad (820)$$

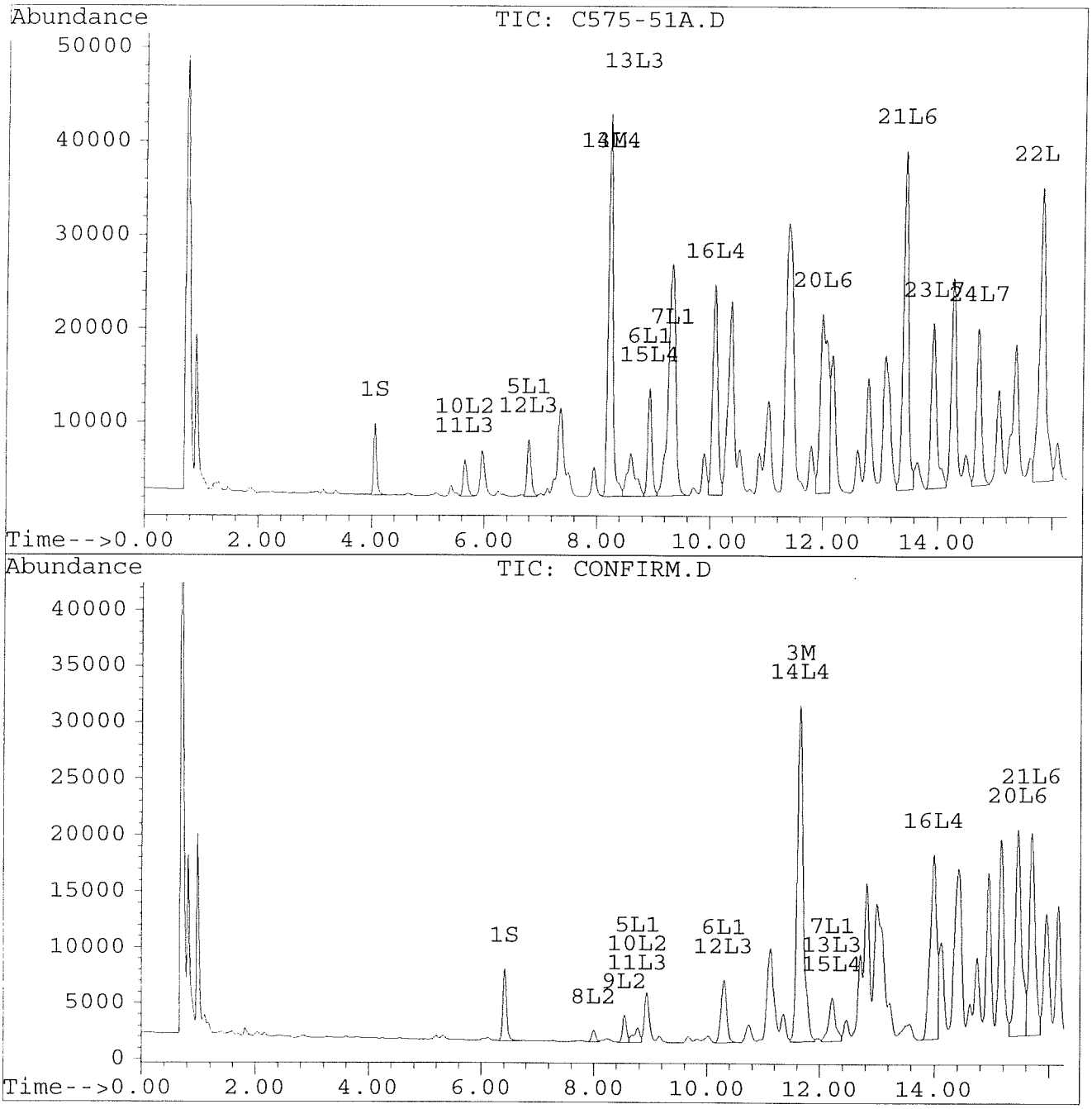
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-51A.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL02\C575-51A.D\CONFIRM.D
Acq On : 05 Jul 96 05:44 PM Operator: JS
Sample : VHB / PS10:U12 RERUN Inst : ECD1
Misc : 30.5G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 15:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

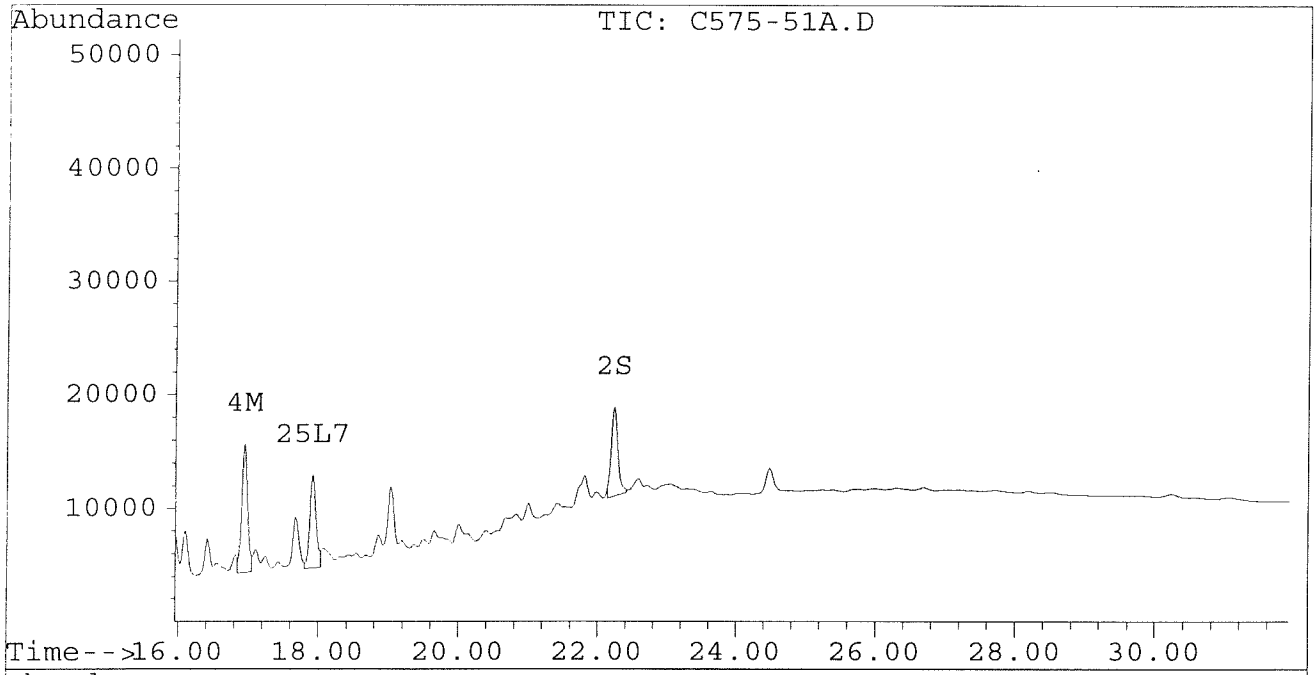


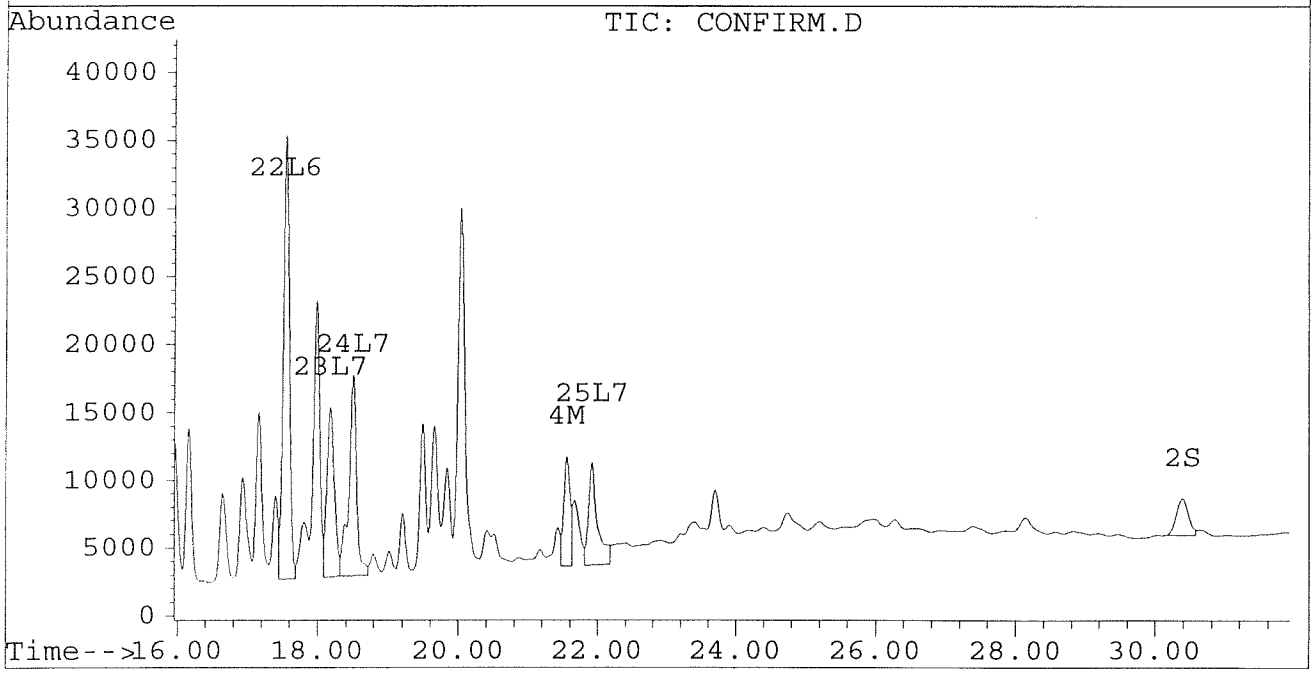
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-51A.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL02\C575-51A.D\CONFIRM.D
Acq On : 05 Jul 96 05:44 PM Operator: JS
Sample : VHB / PS10:U12 RERUN Inst : ECD1
Misc : 30.5G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 15:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-54A.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL02\C575-54A.D\CONFIRM.D
Acq On : 05 Jul 96 09:53 PM Operator: JS
Sample : VHB / PV4:X09 1:4 DIL Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.41	1538	1442	0.007	0.008	80
				Recovery	=	17.50%	20.00%	
2) S	Decachlorobiphenyl	22.22	30.40	1427	1020	0.007m	0.012m#	120
				Recovery	=	17.50%	30.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.64	51019	38367	0.501	0.379	
4) M	2,2',3,3',4,4'-Hexa	16.94	21.56	4369	3192	0.047	0.024	#
5) L1	Aroclor-1016	6.79	8.77	7410	1352	0.243	0.103	#
6) L1	Aroclor-1016 {2}	8.93	10.29	15194	6737	1.010	0.251	#
7) L1	Aroclor-1016 {3}	9.32	12.22	25148	4521	1.027	0.272	#
Total	Aroclor-1016			47752	12611	2.279	0.626	
Average	Aroclor-1016					0.760	0.209	
8) L2	Aroclor-1221	5.07	7.99	180	460	0.037	0.110	#
9) L2	Aroclor-1221 {2}	5.49	8.54	345	870	0.085	0.259	#
10) L2	Aroclor-1221 {3}	5.66	8.77	2802	1352	0.202	0.132	#
Total	Aroclor-1221			3327	2682	0.324	0.500	
Average	Aroclor-1221					0.108	0.167	
11) L3	Aroclor-1232	5.66	8.77	2802	1352	0.233	0.149	#
12) L3	Aroclor-1232 {2}	6.79	10.29	7410	6737	0.850	0.900	
13) L3	Aroclor-1232 {3}	8.60	12.22	5112	4521	0.973	1.055	
Total	Aroclor-1232			15324	12611	2.056	2.103	
Average	Aroclor-1232					0.685	0.701	
14) L4	Aroclor-1242	8.21	11.64	51019	38367	1.359	1.315	
15) L4	Aroclor-1242 {2}	8.93	12.22	15194	4521	1.372	0.359	#
16) L4	Aroclor-1242 {3}	10.07	13.98	22388	16969	1.529	1.359	
Total	Aroclor-1242			88600	59857	4.259	3.034	
Average	Aroclor-1242					1.420	1.011	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-54A.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL02\C575-54A.D\CONFIRM.D
Acq On : 05 Jul 96 09:53 PM Operator: JS
Sample : VHB / PV4:X09 1:4 DIL Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.45	11734	10794	0.439	0.419
21) L6 Aroclor-1254 {2}	13.42	15.69	18008	11763	0.544	0.424
22) L6 Aroclor-1254 {3}	15.82	17.55	12290	16490	0.531	~~0.441~~
Total Aroclor-1254			42032	39048	1.514	1.284
Average Aroclor-1254					0.505	0.428
23) L7 Aroclor-1260	13.92	18.18	9083	5900	0.317	0.197 #
24) L7 Aroclor-1260 {2}	14.70	18.50	7326	6600	0.239	0.200
25) L7 Aroclor-1260 {3}	17.92	21.92	3592	3791	0.094	0.081
Total Aroclor-1260			20001	16292	0.650	0.478
Average Aroclor-1260					0.217	0.159
26) L8 Aroclor-1268	18.85	0.00	1206	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	23.54	2709	1201	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.81	28.14f	2833	589	NoCal	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$\frac{1.315 + 0.359}{0.0305 \times .93 \times .666} \times \frac{1.674 \times 10}{} \times 4 = 3544 \rightarrow 3500$$

$$\frac{6.424 + 6.441}{0.0305 \times .93 \times .666} \times \frac{0.865 \times 10}{} \times 4 = 1831 \rightarrow 1800$$

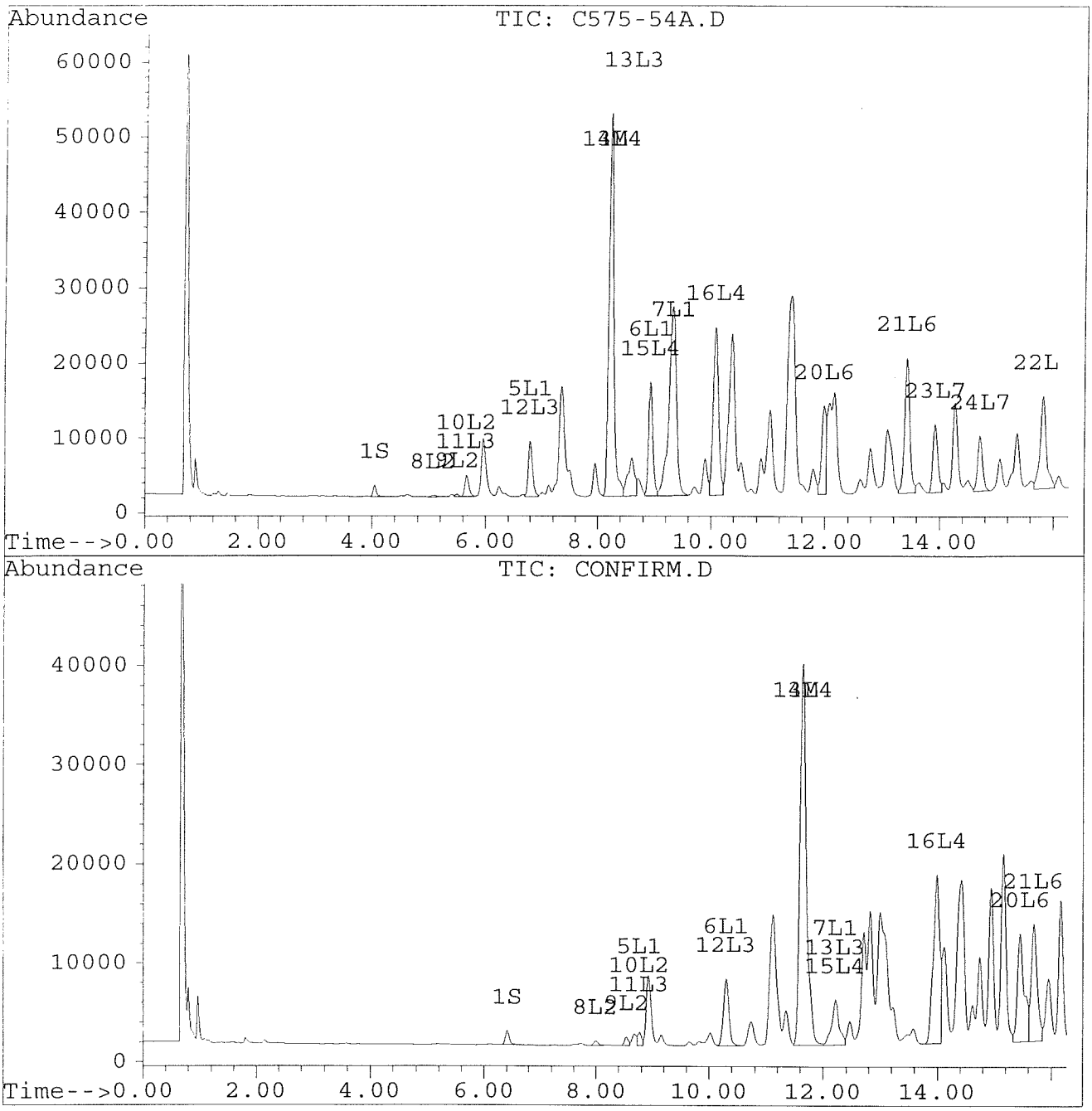
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-54A.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL02\C575-54A.D\CONFIRM.D
Acq On : 05 Jul 96 09:53 PM Operator: JS
Sample : VHB / PV4:X09 1:4 DIL Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

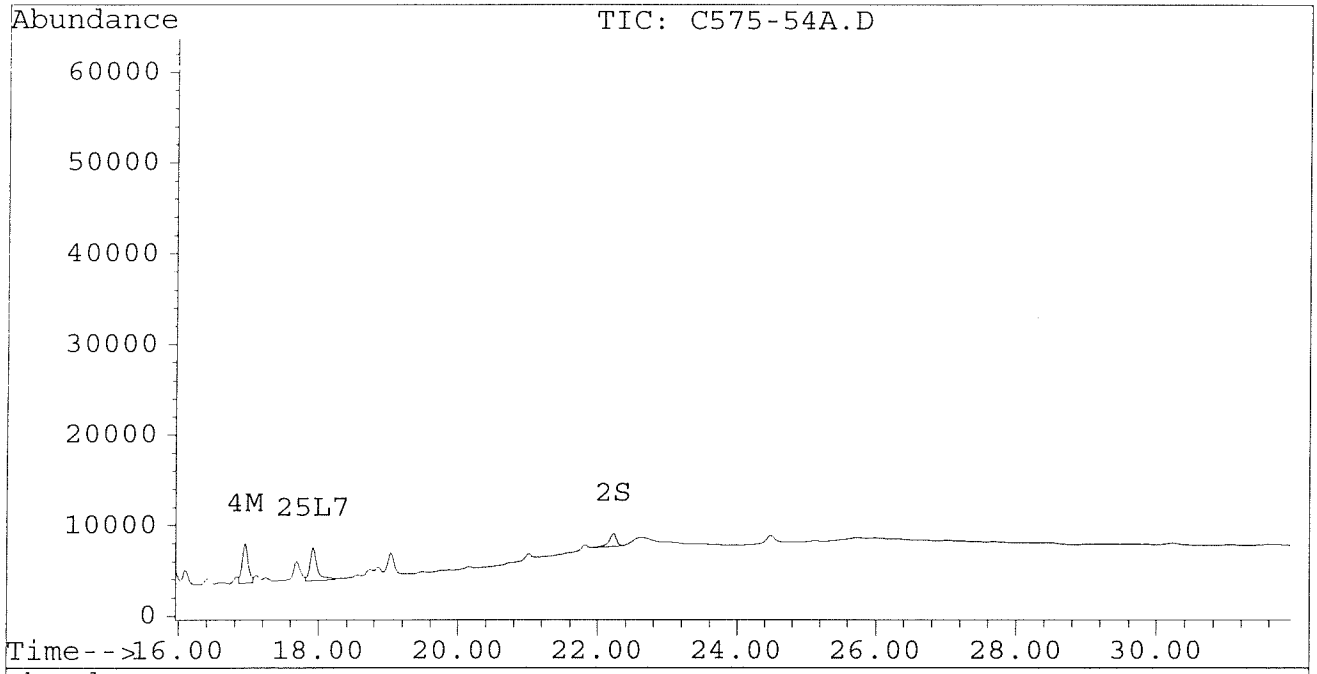


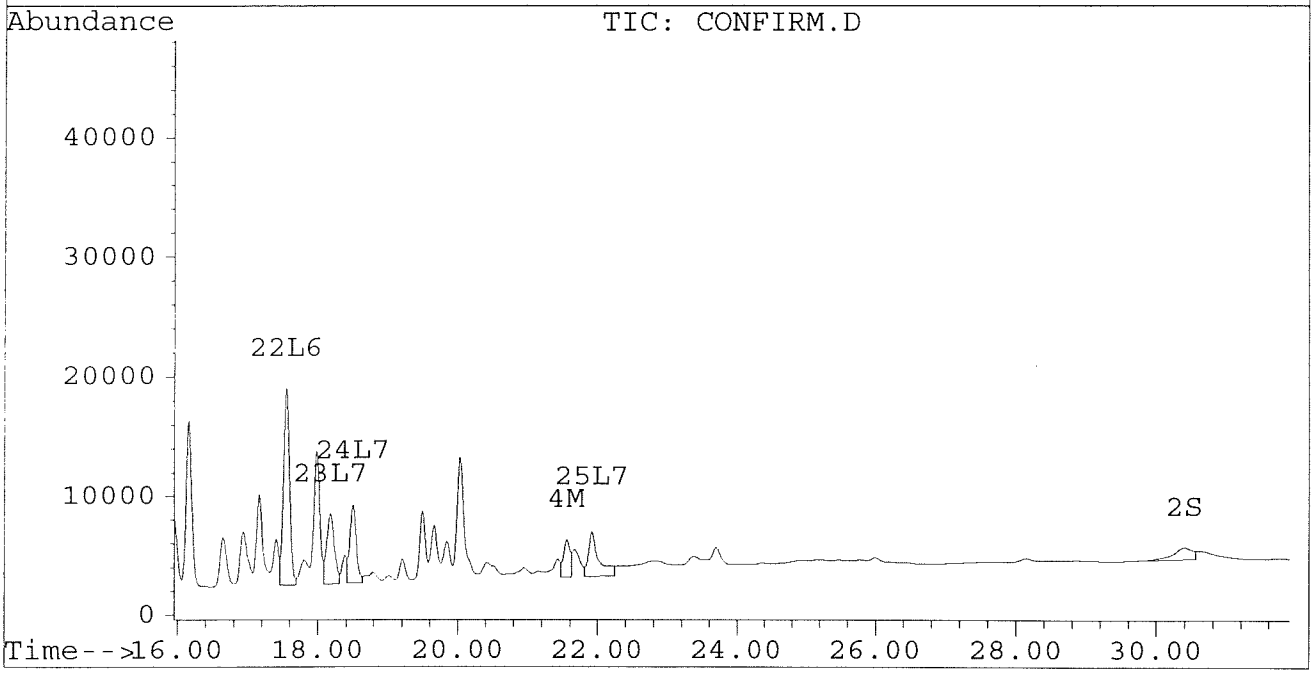
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-54A.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL02\C575-54A.D\CONFIRM.D
Acq On : 05 Jul 96 09:53 PM Operator: JS
Sample : VHB / PV4:X09 1:4 DIL Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 12:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



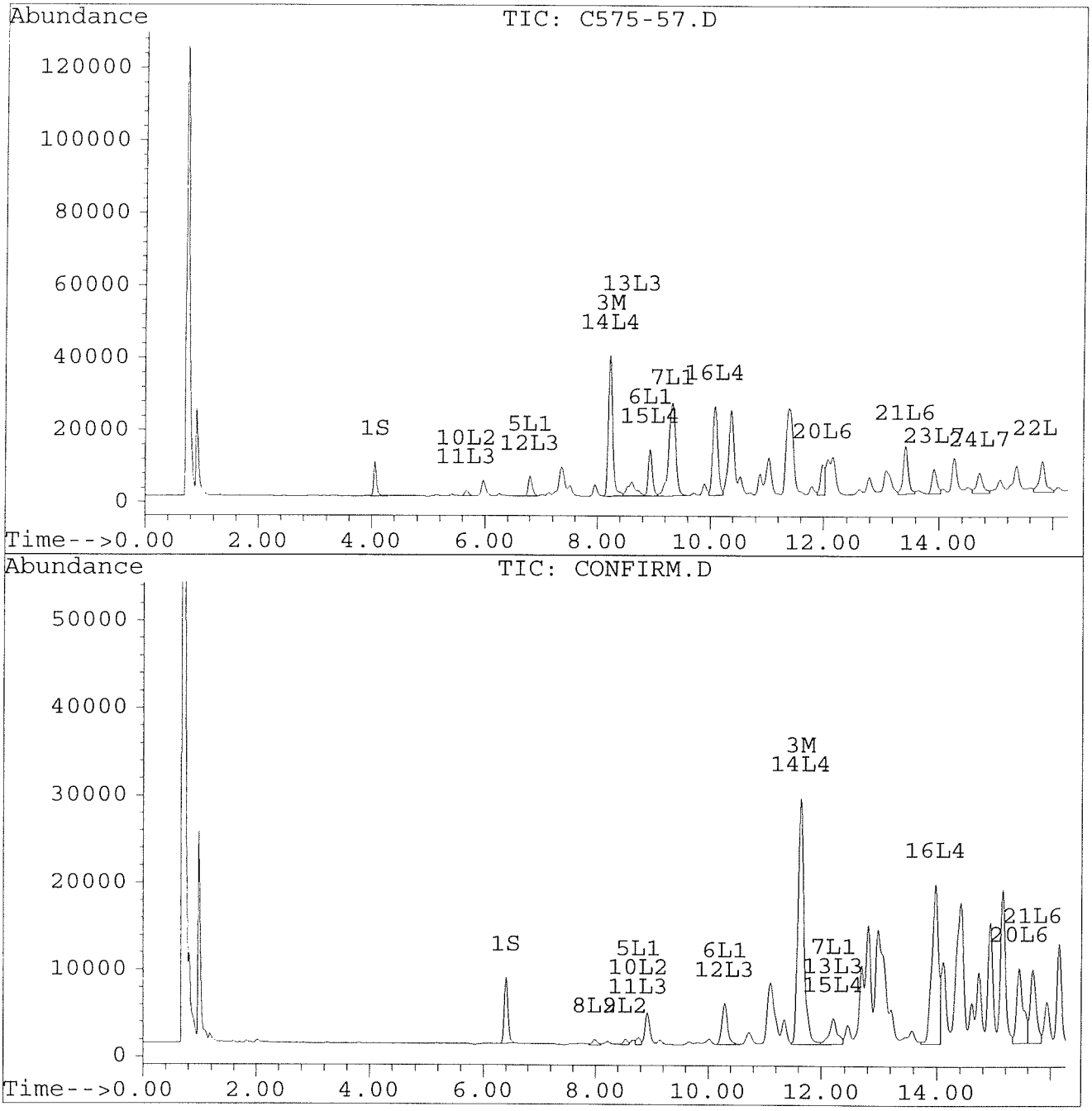


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-57.D Vial: 38
Signal #2 : D:\HPCHEM\5\JL02\C575-57.D\CONFIRM.D
Acq On : 03 Jul 96 10:52 AM Operator: JS
Sample : VHB / PV10:X12 Inst : ECD1
Misc : 30.2G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

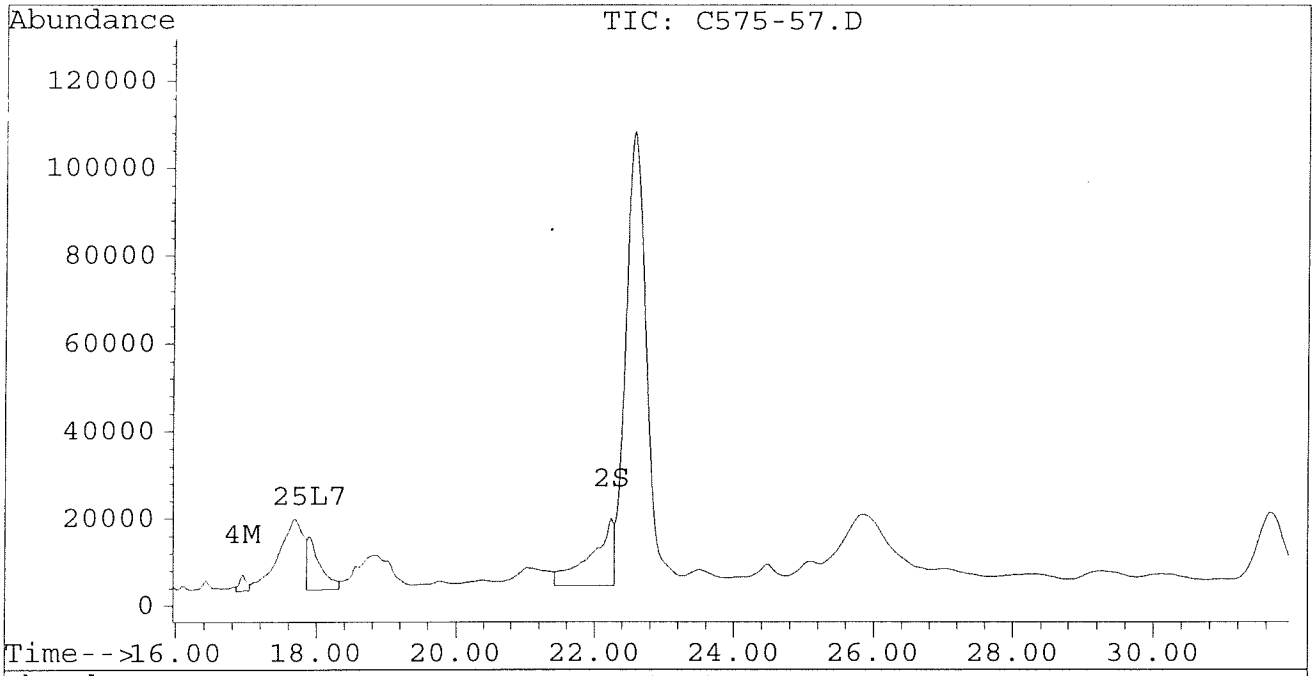


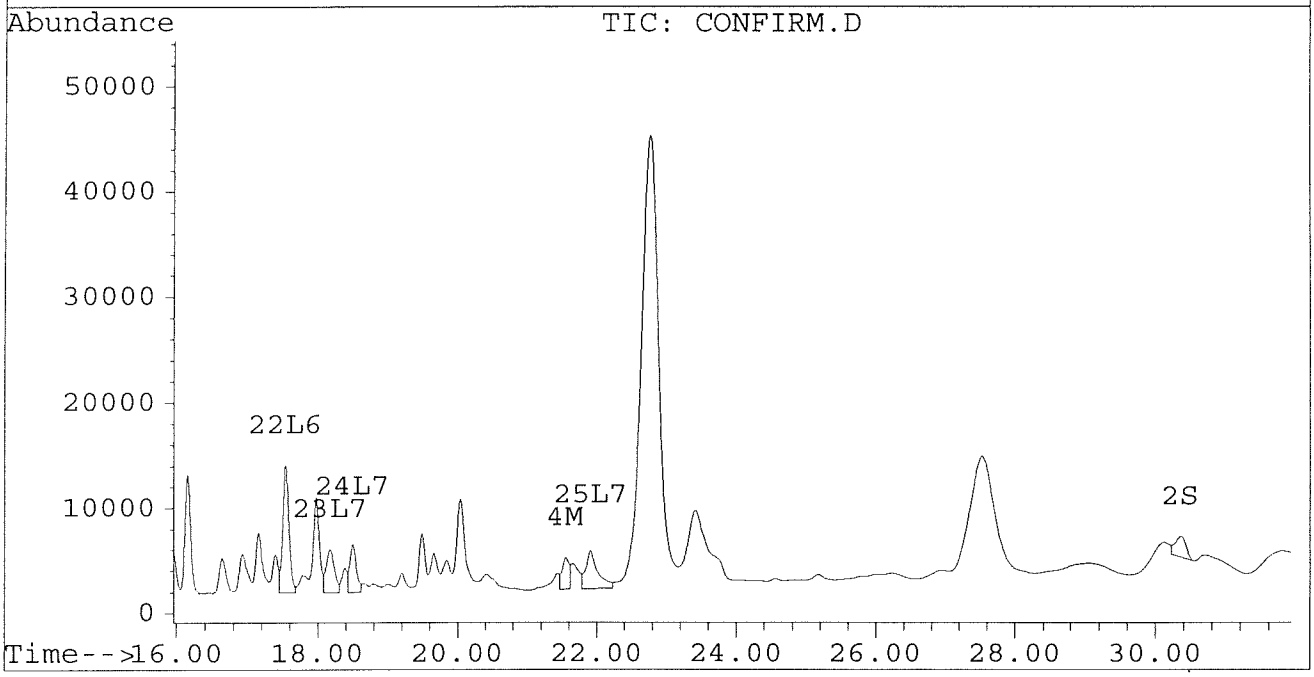
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-57.D Vial: 38
Signal #2 : D:\HPCHEM\5\JL02\C575-57.D\CONFIRM.D
Acq On : 03 Jul 96 10:52 AM Operator: JS
Sample : VHB / PV10:X12 Inst : ECD1
Misc : 30.2G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-57.D Vial: 38
Signal #2 : D:\HPCHEM\5\JL02\C575-57.D\CONFIRM.D
Acq On : 03 Jul 96 10:52 AM Operator: JS
Sample : VHB / PV10:X12 Inst : ECD1
Misc : 30.2G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.40	9565	7575	0.042	0.041
				Recovery	=	105.00%	~~102.50%~~
2) S	Decachlorobiphenyl	22.24	30.36	15375	1957	0.076	~~0.024~~ #
				Recovery	=	190.00%	~~60.00%~~
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.63	38952	28272	0.383	0.279 #
4) M	2,2',3,3',4,4'-Hexa	16.95	21.56	3712	3007	0.040	0.022 #
5) L1	Aroclor-1016	6.80	8.76	5471	792	0.179	0.060 #
6) L1	Aroclor-1016 {2}	8.93	10.29	12889	4772	0.856	0.178 #
7) L1	Aroclor-1016 {3}	9.33	12.21	25680	2943	1.049	0.177 #
Total	Aroclor-1016			44040	8507	2.084	0.415
Average	Aroclor-1016					0.695	0.138
8) L2	Aroclor-1221	0.00	7.98	0	592	N.D.	0.141 #
9) L2	Aroclor-1221 {2}	0.00	8.53	0	624	N.D.	0.186 #
10) L2	Aroclor-1221 {3}	5.67	8.76	1510	792	0.109	0.077 #
Total	Aroclor-1221			1510	2007	0.109	0.404
Average	Aroclor-1221					0.109	0.135
11) L3	Aroclor-1232	5.67	8.76	1510	792	0.126	0.087 #
12) L3	Aroclor-1232 {2}	6.80	10.29	5471	4772	0.628	0.637
13) L3	Aroclor-1232 {3}	8.60	12.21	3854	2943	0.734	0.686
Total	Aroclor-1232			10834	8507	1.487	1.411
Average	Aroclor-1232					0.496	0.470
14) L4	Aroclor-1242	8.22	11.63	38952	28272	1.037	0.969
15) L4	Aroclor-1242 {2}	8.93	12.21	12889	2943	1.163	~~0.234~~ #
16) L4	Aroclor-1242 {3}	10.08	13.98	24761	18301	1.691	~~1.466~~
Total	Aroclor-1242			76601	49515	3.892	2.669
Average	Aroclor-1242					1.297	0.890
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-57.D Vial: 38
Signal #2 : D:\HPCHEM\5\JL02\C575-57.D\CONFIRM.D
Acq On : 03 Jul 96 10:52 AM Operator: JS
Sample : VHB / PV10:X12 Inst : ECD1
Misc : 30.2G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.99	15.44	8353	8568	0.312	0.333
21) L6	Aroclor-1254 {2}	13.43	15.69	13376	8402	0.404	0.303 #
22) L6	Aroclor-1254 {3}	15.82	17.54	8606	12144	0.372	0.325
Total	Aroclor-1254			30335	29114	1.089	0.960
Average	Aroclor-1254					0.363	0.320
23) L7	Aroclor-1260	13.92	18.17	6781	4095	0.237	0.136 #
24) L7	Aroclor-1260 {2}	14.70	18.49	5627	4541	0.183	0.138
25) L7	Aroclor-1260 {3}	17.90f	21.91	12194	3603	0.320	0.077 #
Total	Aroclor-1260			24601	12239	0.741	0.351
Average	Aroclor-1260					0.247	0.117
26) L8	Aroclor-1268	18.83	0.00	7789	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.01	0.00	6397	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\P0626-B1.D Vial: 9
Signal #2 : D:\HPCHEM\5\JL08\P0626-B1.D\CONFIRM.D
Acq On : 08 Jul 96 02:00 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 14:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.42	10066	9002	0.044	0.048
				Recovery	=	110.00%	120.00%
2) S	Decachlorobiphenyl	22.22	30.38	6525	2797	0.032m	0.034m
				Recovery	=	80.00%	85.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5) L1	Aroclor-1016	0.00	8.77	0	27	N.D.	0.002 #
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	9.34	0.00	19	0	0.001	N.D. #
Total	Aroclor-1016			19	27	0.001	0.002
Average	Aroclor-1016					0.001	0.002
8) L2	Aroclor-1221	5.02f	0.00	75	0	0.015	N.D. #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.68	8.77	21	27	0.002	0.003 #
Total	Aroclor-1221			96	27	0.017	0.003
Average	Aroclor-1221					0.008	0.003
11) L3	Aroclor-1232	5.68	8.77	21	27	0.002	0.003 #
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	8.56	0.00	28	0	0.005	N.D. #
Total	Aroclor-1232			49	27	0.007	0.003
Average	Aroclor-1232					0.004	0.003
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\P0626-B1.D Vial: 9
Signal #2 : D:\HPCHEM\5\JL08\P0626-B1.D\CONFIRM.D
Acq On : 08 Jul 96 02:00 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 14:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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

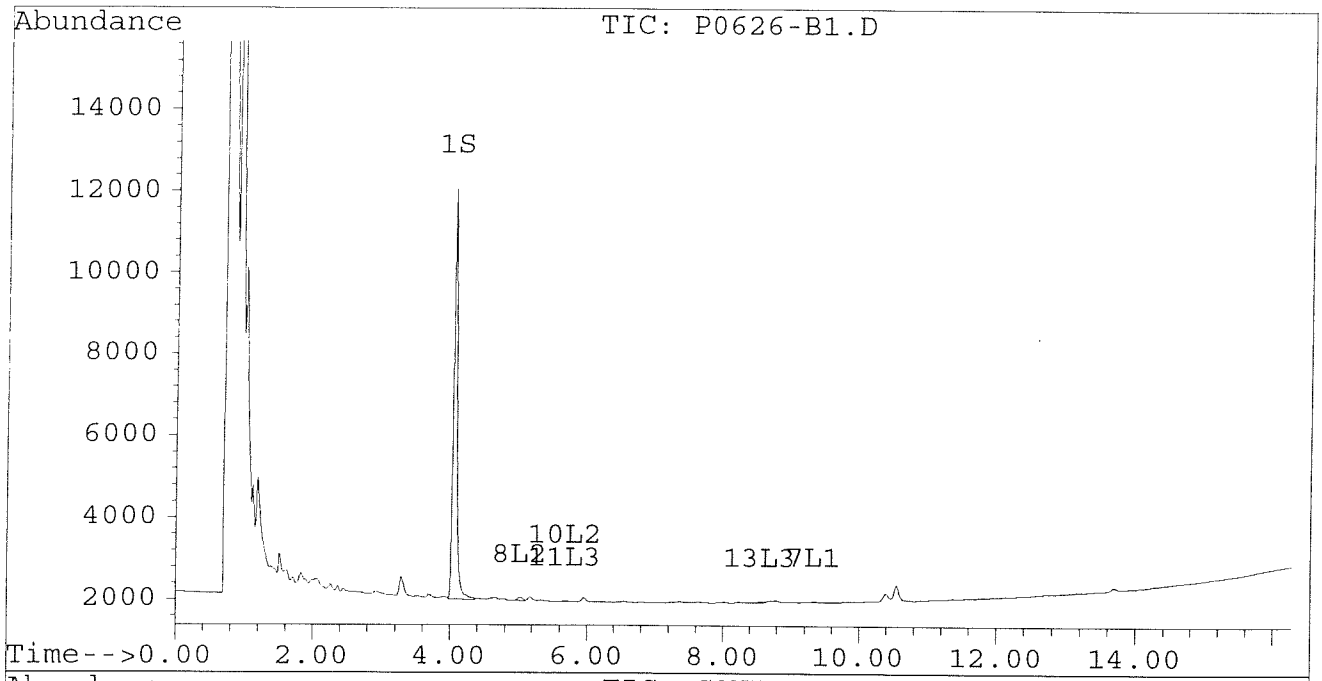
Quantitation Report

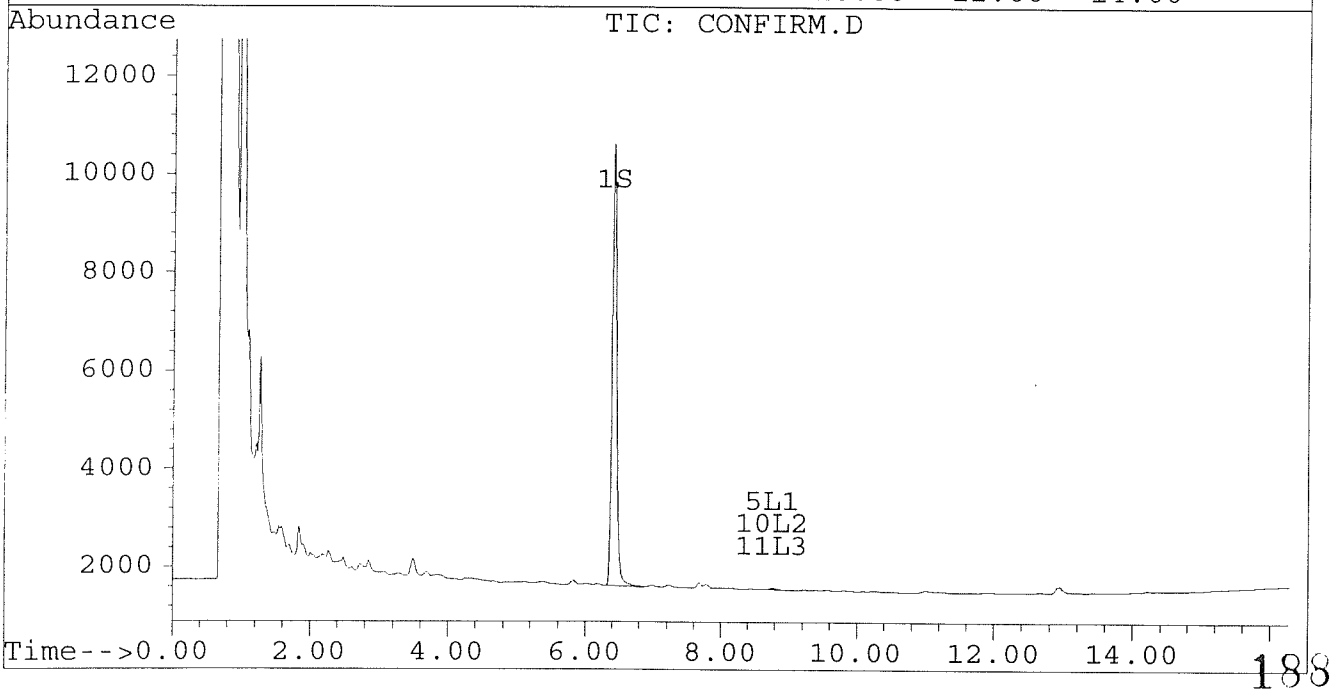
Signal #1 : D:\HPCHEM\5\JL08\P0626-B1.D
Signal #2 : D:\HPCHEM\5\JL08\P0626-B1.D\CONFIRM.D
Acq On : 08 Jul 96 02:00 PM
Sample : SOIL METHOD BLANK
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Jul 8 14:36 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



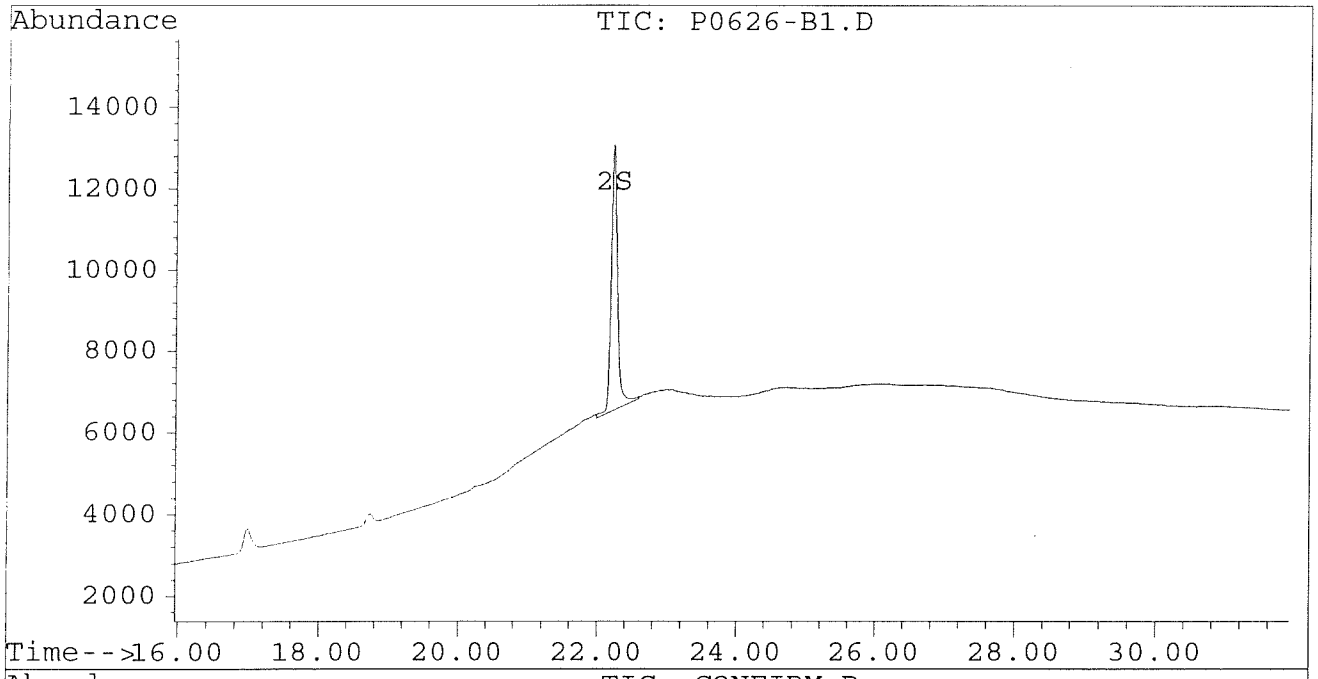


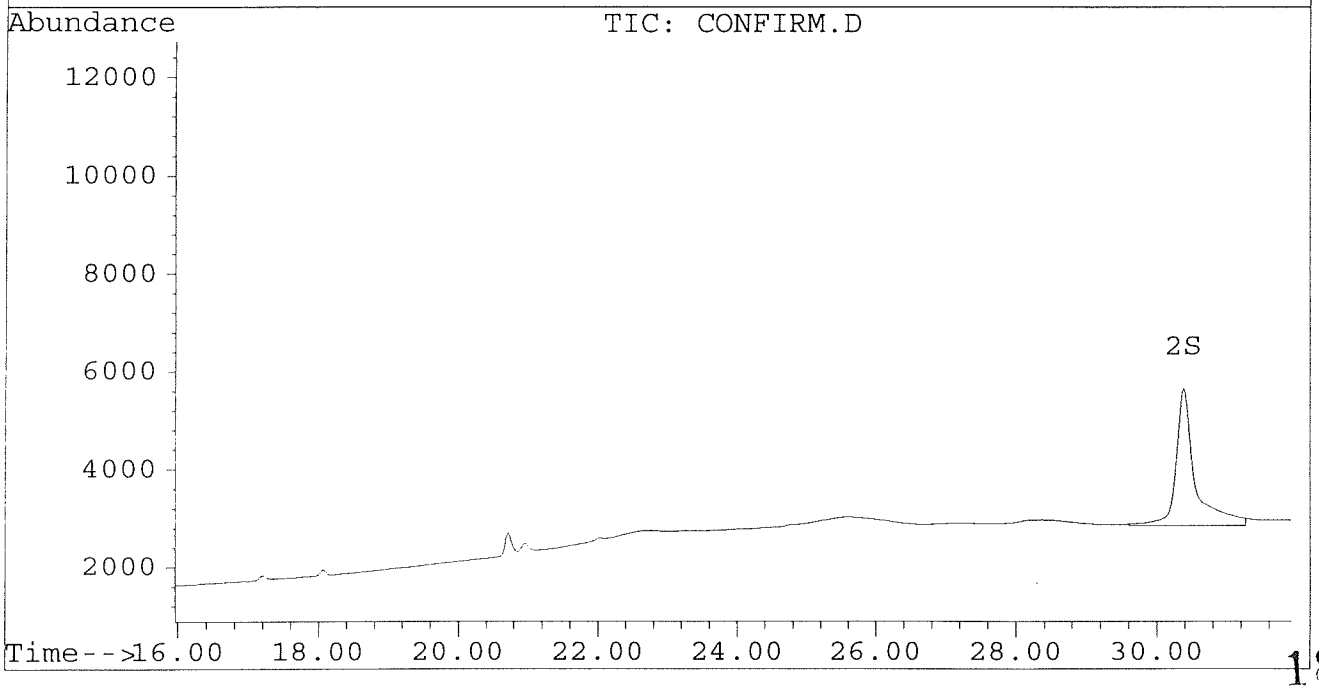
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\P0626-B1.D Vial: 9
Signal #2 : D:\HPCHEM\5\JL08\P0626-B1.D\CONFIRM.D
Acq On : 08 Jul 96 02:00 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 14:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\P0626-L1.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL08\P0626-L1.D\CONFIRM.D
Acq On : 08 Jul 96 02:36 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 15:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.42	10188	9080	0.045	0.049
				Recovery	=	112.50%	122.50%
2) S	Decachlorobiphenyl	22.23	30.37	6626	2530	0.033m	0.031
				Recovery	=	82.50%	77.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.65	22256	21608	0.219	0.213
4) M	2,2',3,3',4,4'-Hexa	16.94	21.55	31653	30770	0.343m	0.229m#
5) L1	Aroclor-1016	6.75f	8.80	91	18	0.003	0.001 #
6) L1	Aroclor-1016 {2}	0.00	10.26	0	21	N.D.	0.001 #
7) L1	Aroclor-1016 {3}	9.35	0.00	36	0	0.001	N.D. #
Total	Aroclor-1016			127	39	0.004	0.002
Average	Aroclor-1016					0.002	0.001
8) L2	Aroclor-1221	5.05	7.99	66	45	0.014	0.011
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.67	8.80f	26	18	0.002	0.002
Total	Aroclor-1221			92	63	0.015	0.012
Average	Aroclor-1221					0.008	0.006
11) L3	Aroclor-1232	5.67	8.80f	26	18	0.002	0.002
12) L3	Aroclor-1232 {2}	6.75	10.26	91	21	0.010	0.003 #
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			117	39	0.013	0.005
Average	Aroclor-1232					0.006	0.002
14) L4	Aroclor-1242	8.22	11.65	22256	21608	0.593	0.741
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1242			22256	21608	0.593	0.741
Average	Aroclor-1242					0.593	0.741
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\P0626-L1.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL08\P0626-L1.D\CONFIRM.D
Acq On : 08 Jul 96 02:36 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 15:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

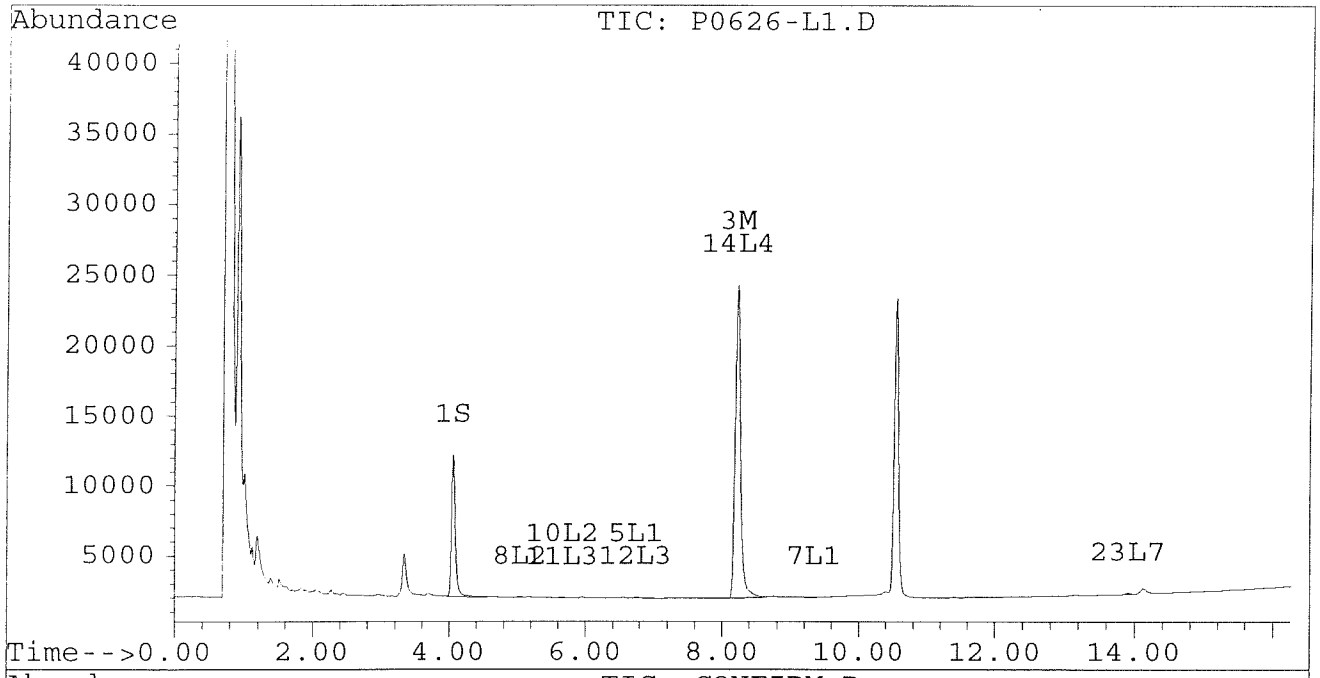
Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	13.92	0.00	78	0	0.003	N.D. #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			78	0	0.003	N.D.
Average Aroclor-1260					0.003	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

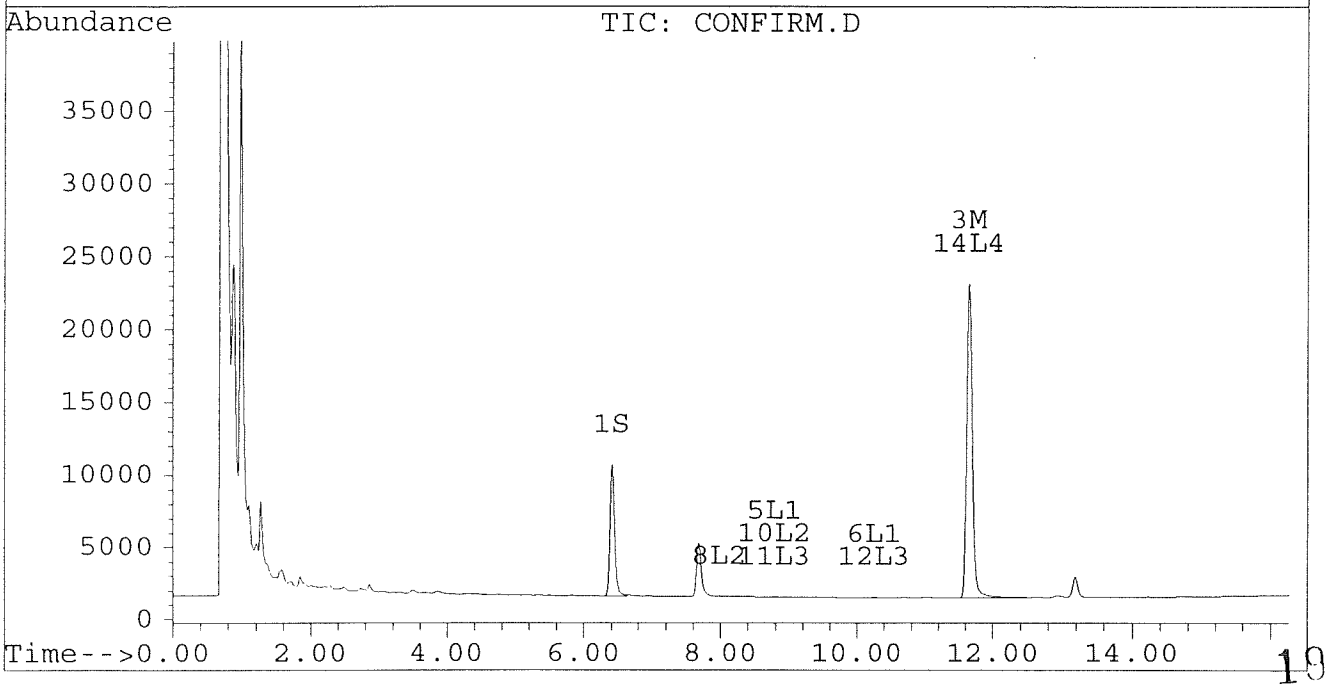
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\P0626-L1.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL08\P0626-L1.D\CONFIRM.D
Acq On : 08 Jul 96 02:36 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 15:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



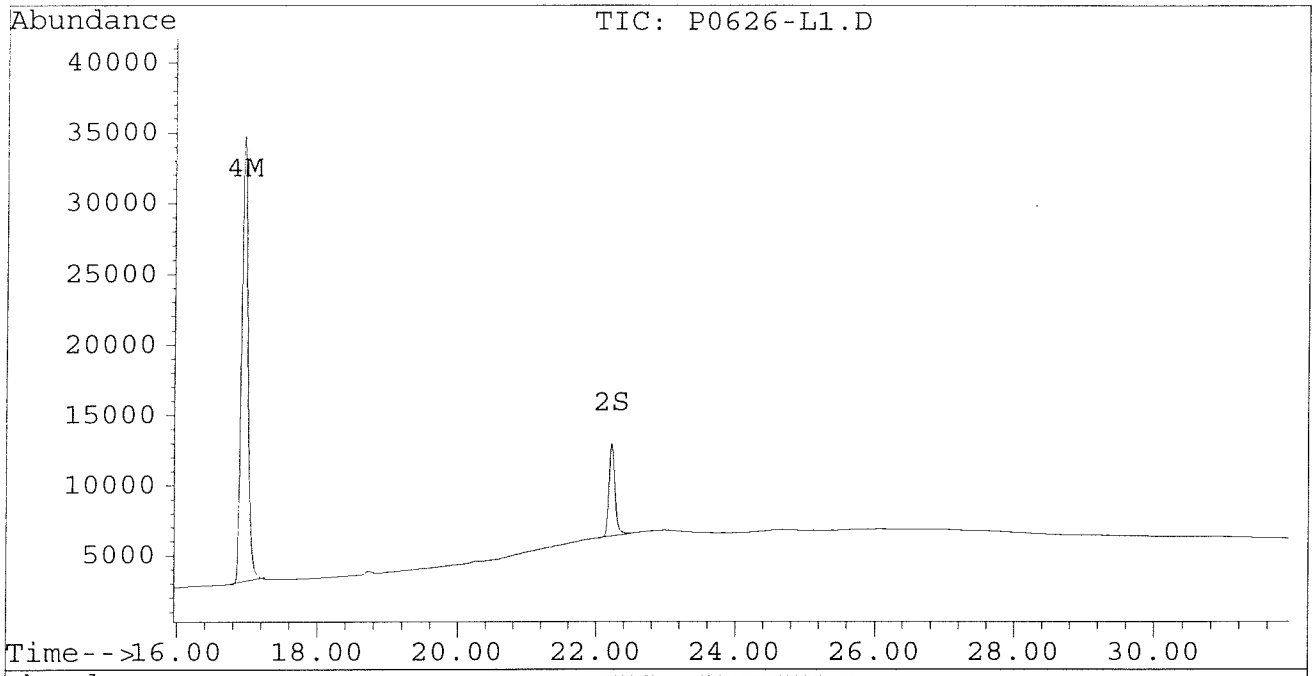


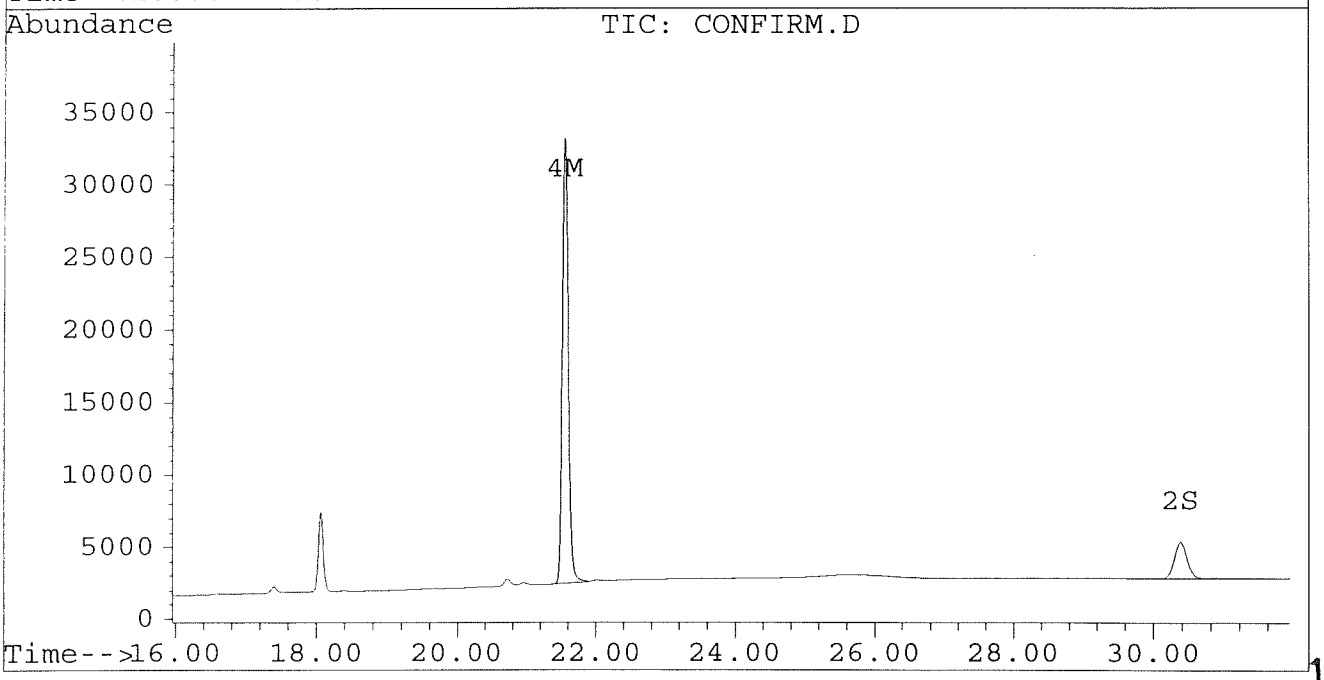
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\P0626-L1.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL08\P0626-L1.D\CONFIRM.D
Acq On : 08 Jul 96 02:36 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 8 15:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





GPC Batch Number:
Florisil Lot Number:

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

Date:	06-26-96	Analysis:	PCB			Sample Matrix:	Soil		Project #:	C0575	
Blank ID:	P0626-BI	Method:	Sonic.			Analyst:	JSO		Client:	VHB	
Lab Sample ID	Client Sample ID	Weight/ Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments	
P0626-BI		30.0 g	2mL PW960617A								
-LCS		30.0 g		1mL PW960617A							
91 P0575-51		30.5 g									
93 .54		30.5 g									
94 57		30.2 g									

JSO 6-26-96

JSO 6-26-96

Page 1 of 1

Sample (Aqueous) Chromatograms

- Samples
- Blanks
- Lab Control Samples
- Matrix Spikes (if applicable)
- Bench Sheets

Quantitation Report

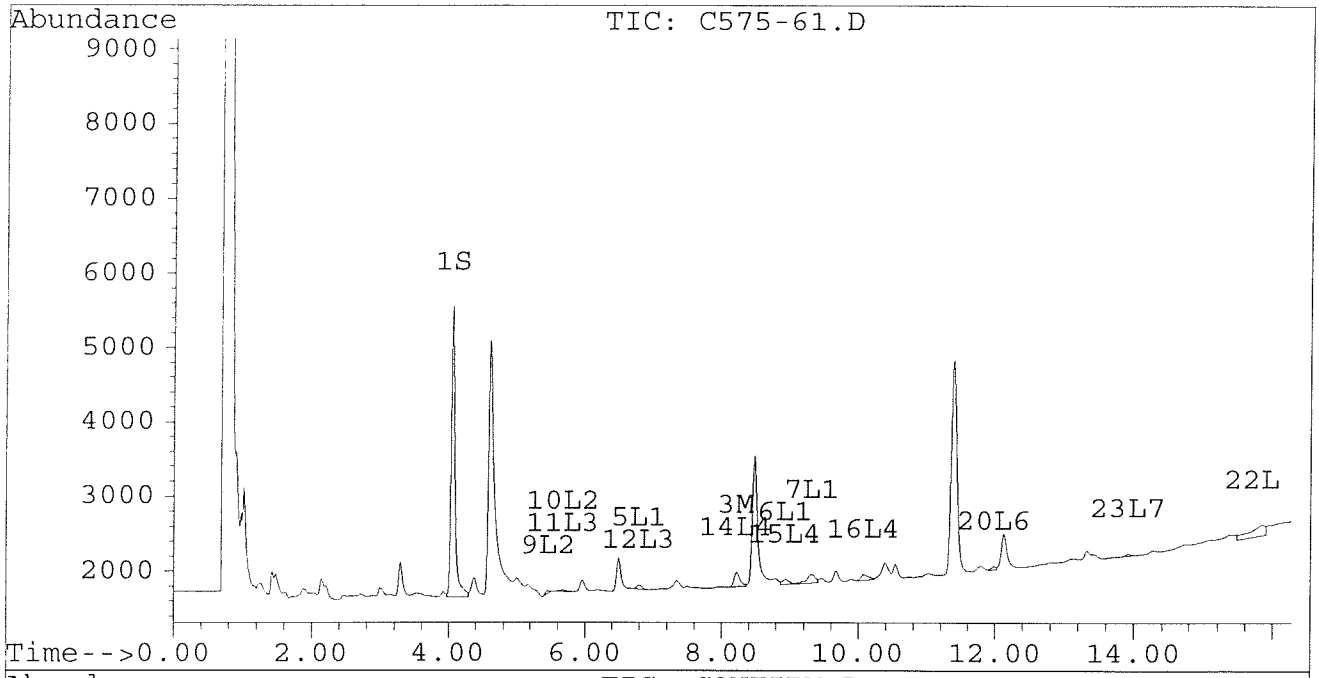
Signal #1 : D:\HPCHEM\5\JL02\C575-61.D
Signal #2 : D:\HPCHEM\5\JL02\C575-61.D\CONFIRM.D
Acq On : 02 Jul 96 04:29 PM
Sample : VHB/ DE QAQC M1:O3
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 11:04 1996

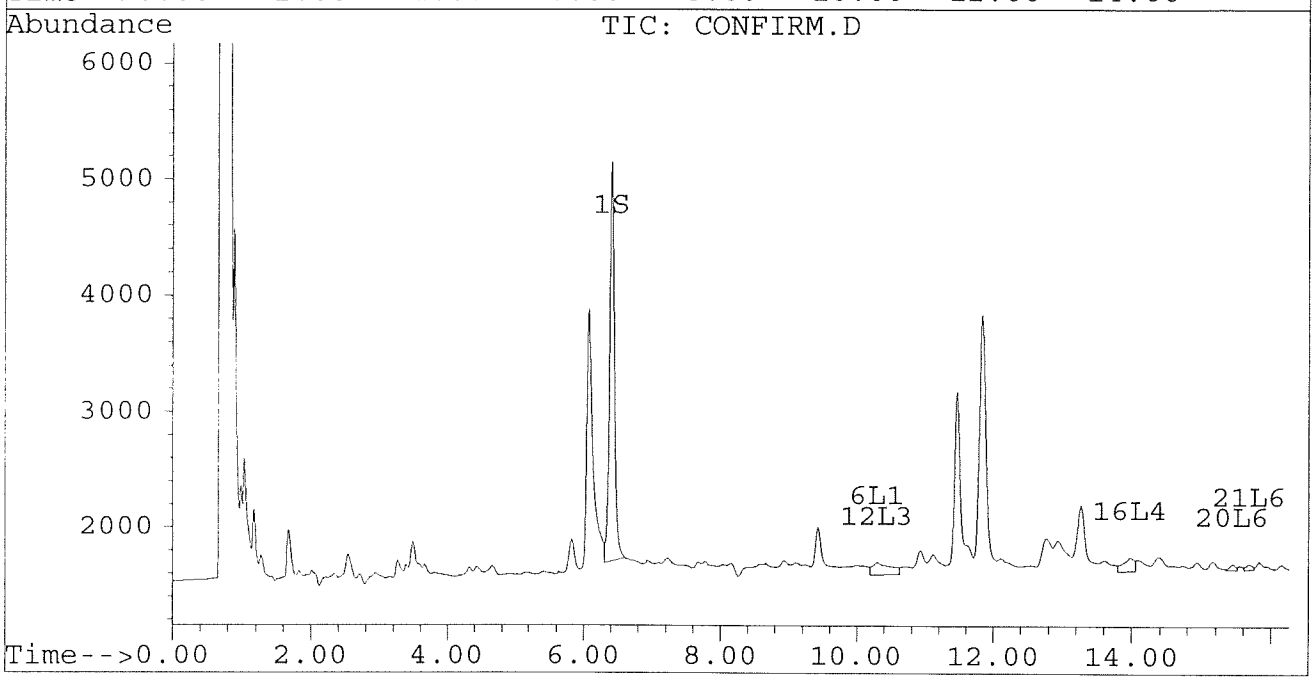
Vial: 7
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

JB 7/5/96

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





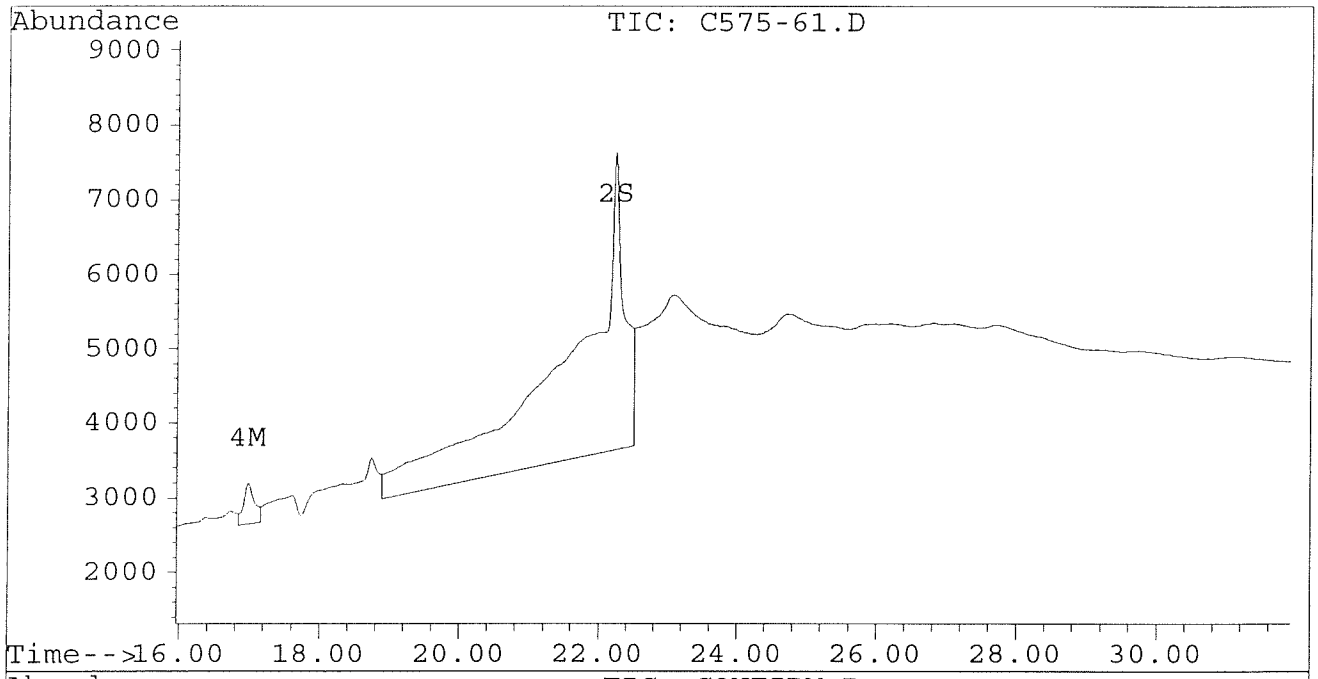
1995

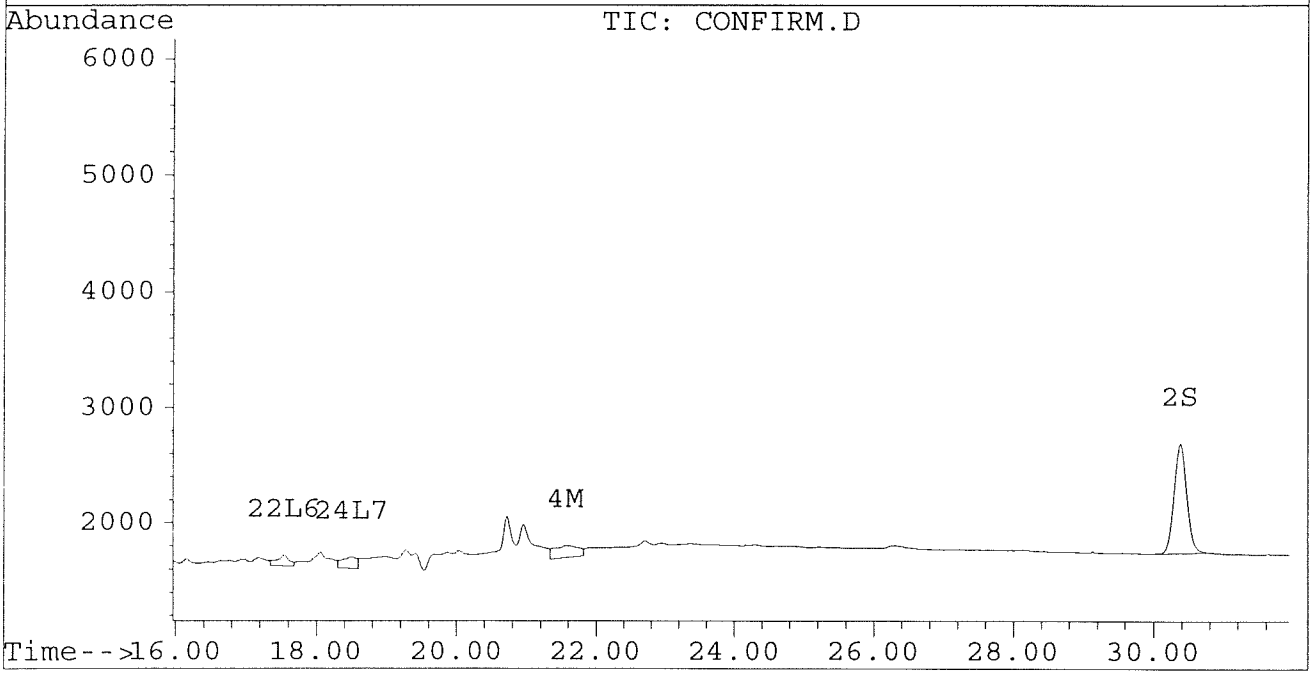
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-61.D Vial: 7
Signal #2 : D:\HPCHEM\5\JL02\C575-61.D\CONFIRM.D
Acq On : 02 Jul 96 04:29 PM Operator: JS
Sample : VHB/ DE QAQC M1:O3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-61.D Vial: 7
Signal #2 : D:\HPCHEM\5\JL02\C575-61.D\CONFIRM.D
Acq On : 02 Jul 96 04:29 PM Operator: JS
Sample : VHB/ DE QAQC M1:O3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	3889	3436	0.017	0.018
				Recovery	=	42.50%	45.00% 9
2) S	Decachlorobiphenyl	22.23	30.38	3978	947	0.020	0.012 #
				Recovery	=	50.00%	30.00% 60
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	0.00	192	0	0.002	N.D. #
4) M	2,2',3,3',4,4'-Hexa	16.98	21.56	544	104	0.006	0.001 #
5) L1	Aroclor-1016	6.79	0.00	55	0	0.002	N.D. #
6) L1	Aroclor-1016 {2}	8.93	10.30	65	102	0.004	0.004
7) L1	Aroclor-1016 {3}	9.32	0.00	114	0	0.005	N.D. #
Total	Aroclor-1016			234	102	0.011	0.004
Average	Aroclor-1016					0.004	0.004
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	5.46	0.00	31	0	0.008	N.D. #
10) L2	Aroclor-1221 {3}	5.68	0.00	25	0	0.002	N.D. #
Total	Aroclor-1221			55	0	0.009	N.D.
Average	Aroclor-1221					0.005	0.000
11) L3	Aroclor-1232	5.68	0.00	25	0	0.002	N.D. #
12) L3	Aroclor-1232 {2}	6.79	10.30	55	102	0.006	0.014 #
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			79	102	0.008	0.014
Average	Aroclor-1232					0.004	0.014
14) L4	Aroclor-1242	8.22	0.00	192	0	0.005	N.D. #
15) L4	Aroclor-1242 {2}	8.93	0.00	65	0	0.006	N.D. #
16) L4	Aroclor-1242 {3}	10.08	13.98	77	116	0.005	0.009 #
Total	Aroclor-1242			334	116	0.016	0.009
Average	Aroclor-1242					0.005	0.009
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-61.D Vial: 7
Signal #2 : D:\HPCHEM\5\JL02\C575-61.D\CONFIRM.D
Acq On : 02 Jul 96 04:29 PM Operator: JS
Sample : VHB/ DE QAQC M1:O3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.99	15.44	42	47	0.002	0.002
21) L6 Aroclor-1254 {2}	0.00	15.69	0	49	N.D.	0.002 #
22) L6 Aroclor-1254 {3}	15.84	17.55	136	93	0.006	0.002 #
Total Aroclor-1254			177	188	0.007	0.006
Average Aroclor-1254					0.004	0.002
23) L7 Aroclor-1260	13.93	0.00	25	0	0.001	N.D. #
24) L7 Aroclor-1260 {2}	0.00	18.51	0	97	N.D.	0.003 #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			25	97	0.001	0.003
Average Aroclor-1260					0.001	0.003
26) L8 Aroclor-1268	0.00	23.36f	0	24	N.D.	NoCal
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-62.D
Signal #2 : D:\HPCHEM\5\JL02\C575-62.D\CONFIRM.D
Acq On : 02 Jul 96 05:05 PM
Sample : VHB/ DE QAQC M4:O6
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 2 17:38 1996

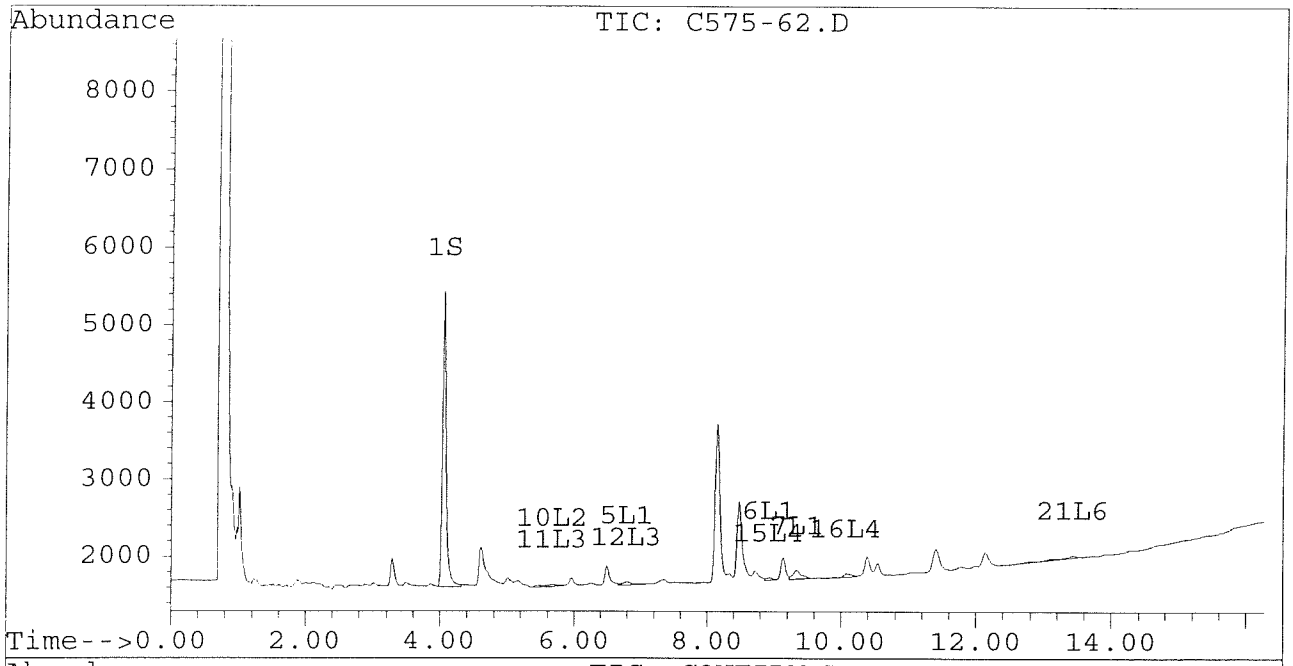
Vial: 8

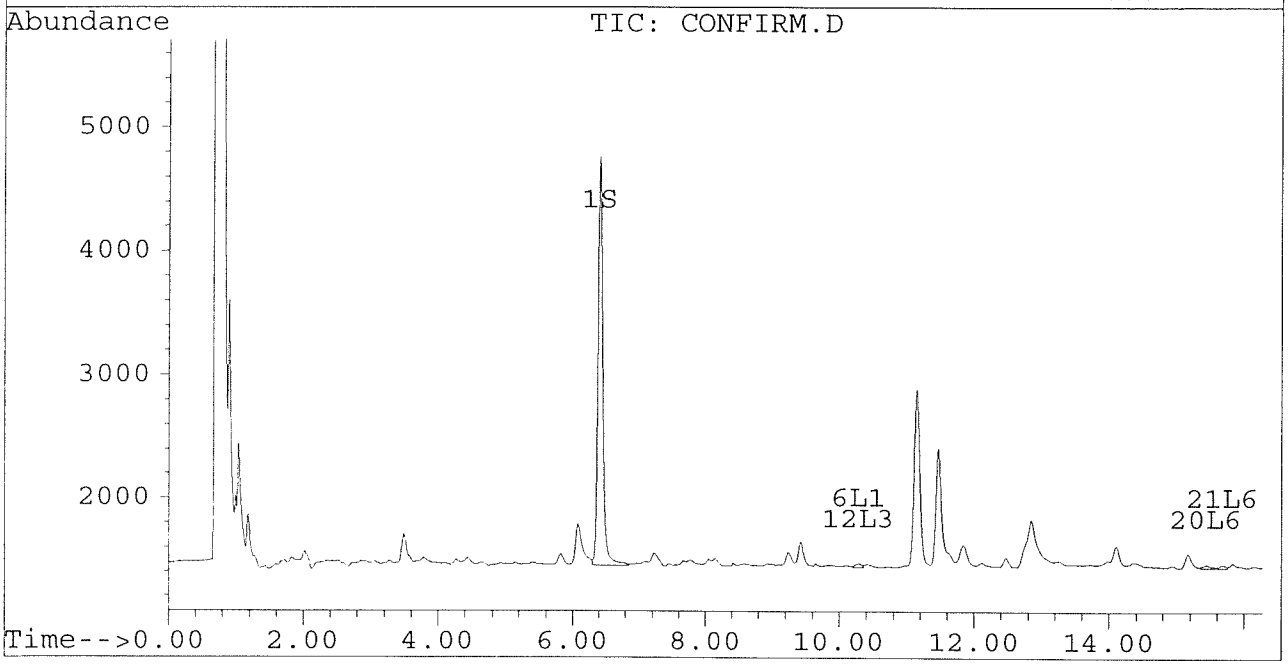
Operator: JS
Inst : ECD1
Multiplr: 1.00

PCB 7/15/96

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



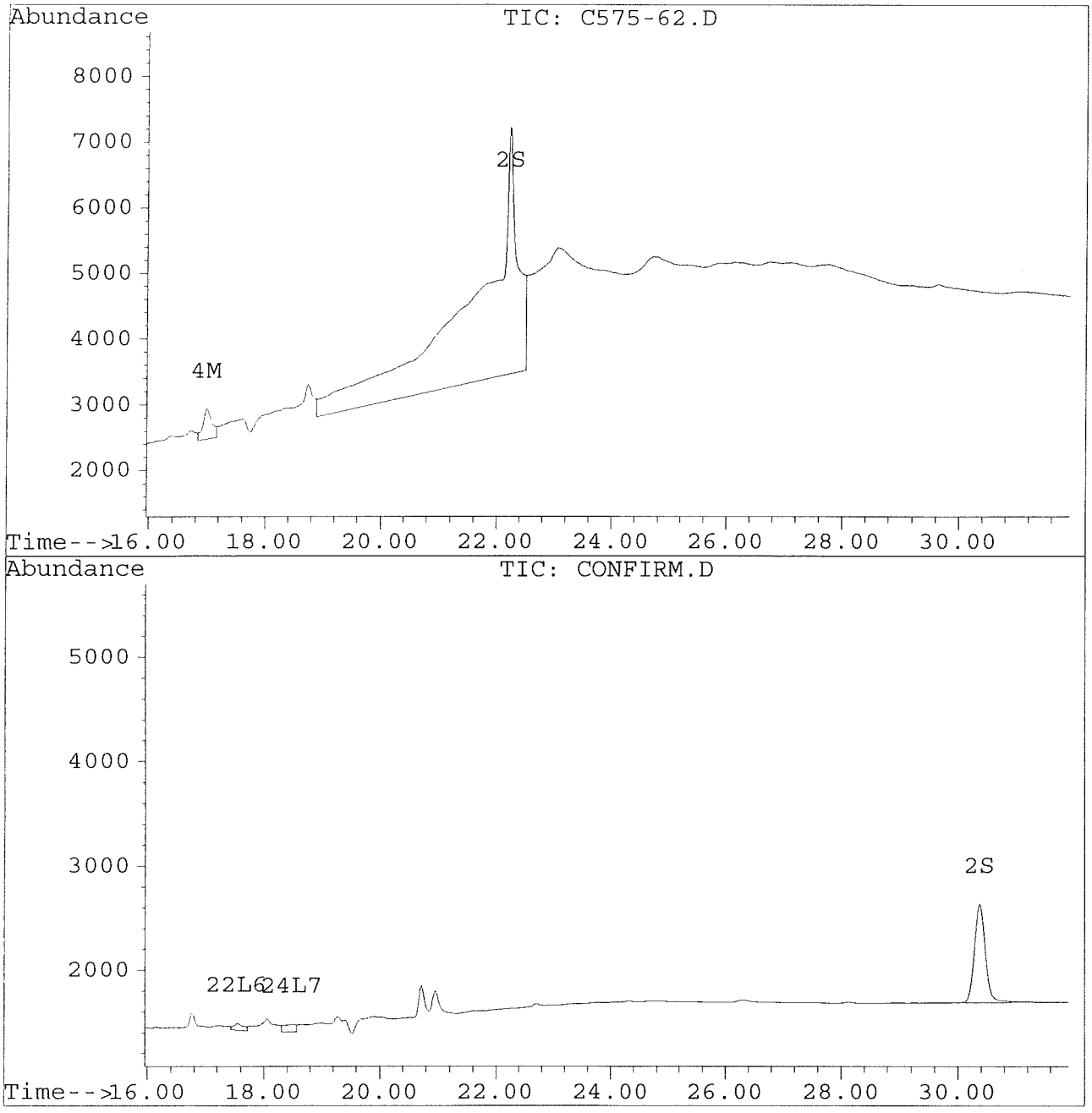


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-62.D Vial: 8
Signal #2 : D:\HPCHEM\5\JL02\C575-62.D\CONFIRM.D
Acq On : 02 Jul 96 05:05 PM Operator: JS
Sample : VHB/ DE QAQC M4:O6 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 17:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-62.D
Signal #2 : D:\HPCHEM\5\JL02\C575-62.D\CONFIRM.D
Acq On : 02 Jul 96 05:05 PM
Sample : VHB/ DE QAQC M4:O6
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 2 17:38 1996

Vial: 8
Operator: JS
Inst : ECD1
Multiplr: 1.00

PB 7/5/96

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	3815	3307	0.017	0.018
				Recovery	=	42.50%	45.00% 90
2) S	Decachlorobiphenyl	22.23	30.37	3769	940	0.019	0.012 #
				Recovery	=	47.50%	30.00% 60
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M	2,2',3,3',4,4'-Hexa	16.99	0.00	459	0	0.005	N.D. #
5) L1	Aroclor-1016	6.80	0.00	37	0	0.001	N.D. #
6) L1	Aroclor-1016 {2}	8.94	10.29	31	30	0.002	0.001 #
7) L1	Aroclor-1016 {3}	9.34	0.00	111	0	0.005	N.D. #
Total	Aroclor-1016			179	30	0.008	0.001
Average	Aroclor-1016					0.003	0.001
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}	5.68	0.00	27	0	0.002	N.D. #
Total	Aroclor-1221			27	0	0.002	N.D.
Average	Aroclor-1221					0.002	0.000
11) L3	Aroclor-1232	5.68	0.00	27	0	0.002	N.D. #
12) L3	Aroclor-1232 {2}	6.80	10.29	37	30	0.004	0.004
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			64	30	0.006	0.004
Average	Aroclor-1232					0.003	0.004
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4	Aroclor-1242 {2}	8.94	0.00	31	0	0.003	N.D. #
16) L4	Aroclor-1242 {3}	10.09	0.00	43	0	0.003	N.D. #
Total	Aroclor-1242			74	0	0.006	N.D.
Average	Aroclor-1242					0.003	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-62.D Vial: 8
Signal #2 : D:\HPCHEM\5\JL02\C575-62.D\CONFIRM.D
Acq On : 02 Jul 96 05:05 PM Operator: JS
Sample : VHB/ DE QAQC M4:O6 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 17:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.44	0	25	N.D.	0.001 #
21) L6	Aroclor-1254 {2}	13.44	15.68	30	23	0.001	0.001
22) L6	Aroclor-1254 {3}	0.00	17.55	0	63	N.D.	0.002 #
Total	Aroclor-1254			30	111	0.001	0.003
Average	Aroclor-1254					0.001	0.001
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	18.50	0	71	N.D.	0.002 #
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	71	N.D.	0.002
Average	Aroclor-1260					0.000	0.002
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

Quantitation Report

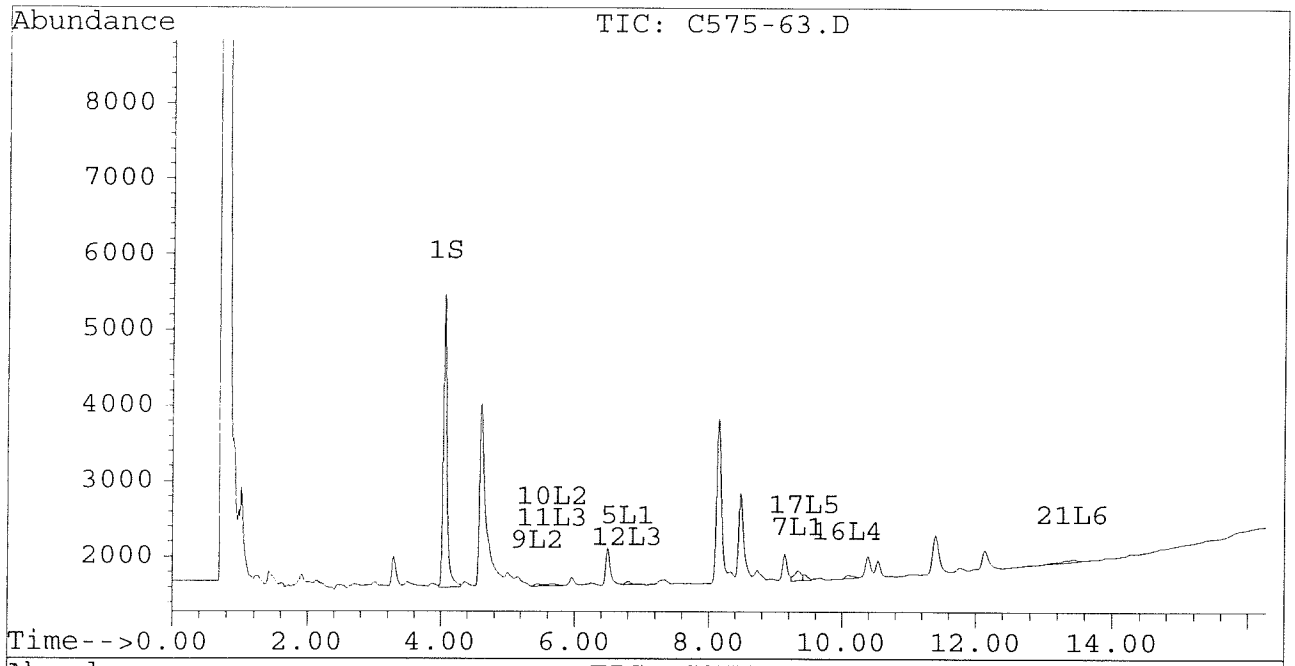
Signal #1 : D:\HPCHEM\5\JL02\C575-63.D
Signal #2 : D:\HPCHEM\5\JL02\C575-63.D\CONFIRM.D
Acq On : 02 Jul 96 05:40 PM
Sample : VHB/ DE QAQC D4:F6
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 2 18:14 1996

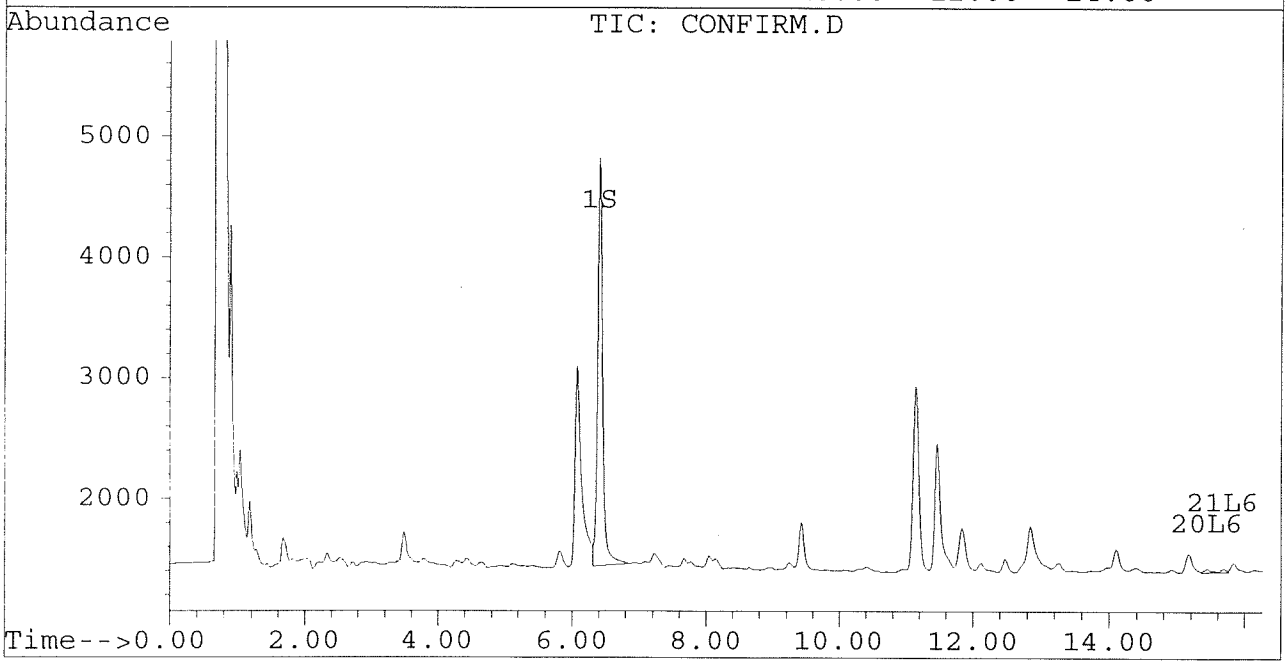
Vial: 9
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

PFB 7/5/96

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





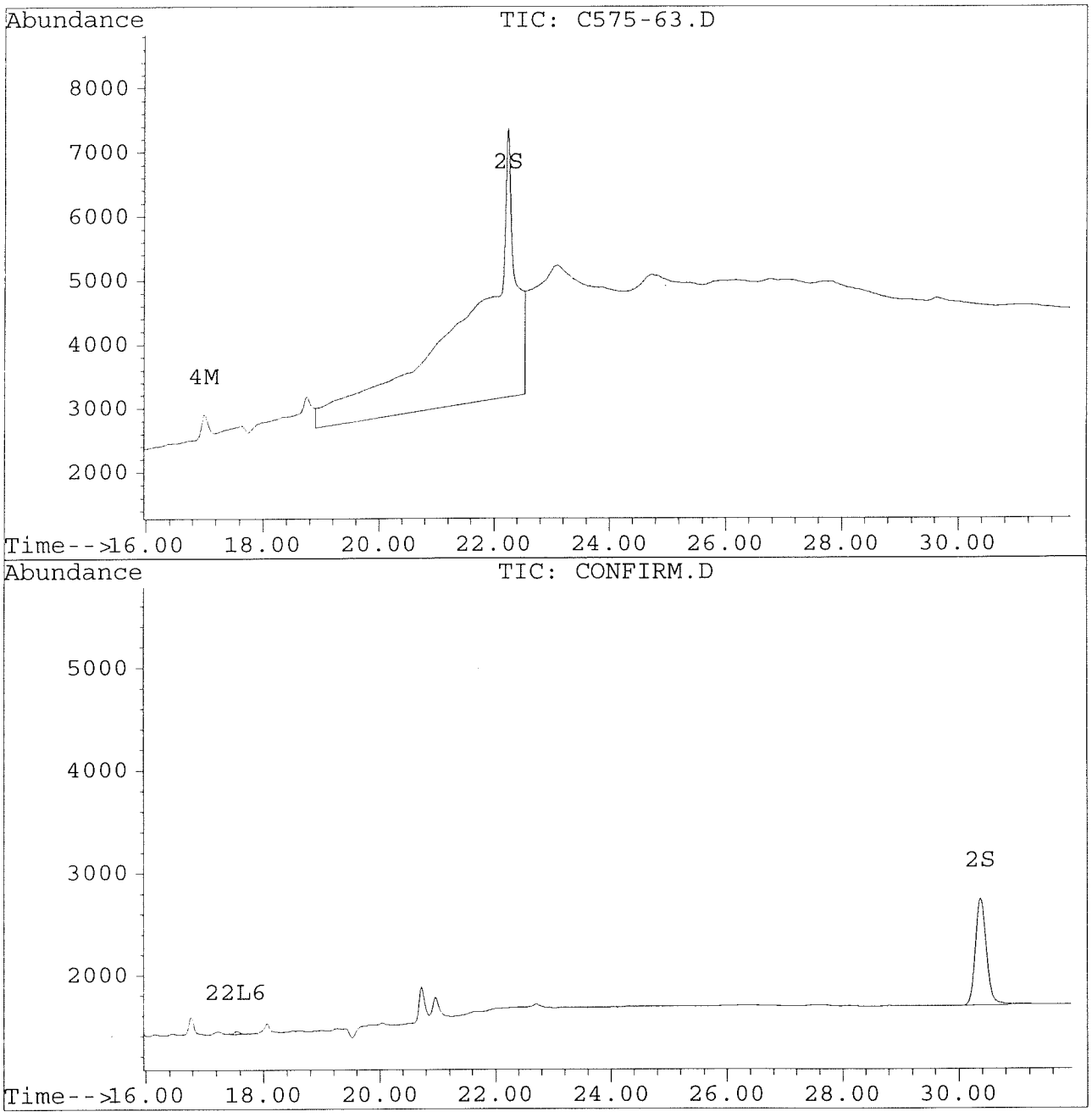
204

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-63.D Vial: 9
Signal #2 : D:\HPCHEM\5\JL02\C575-63.D\CONFIRM.D
Acq On : 02 Jul 96 05:40 PM Operator: JS
Sample : VHB/ DE QAQC D4:F6 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 18:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-63.D Vial: 9
Signal #2 : D:\HPCHEM\5\JL02\C575-63.D\CONFIRM.D
Acq On : 02 Jul 96 05:40 PM Operator: JS
Sample : VHB/ DE QAQC D4:F6 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 18:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	3873	3374	0.017	0.018
				Recovery	=	42.50%	45.00%
2) S	Decachlorobiphenyl	22.23	30.37	4193	1045	0.021	0.013 #
				Recovery	=	52.50%	32.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M	2,2',3,3',4,4'-Hexa	17.00	0.00	484	0	0.005	N.D. #
5) L1	Aroclor-1016	6.80	0.00	42	0	0.001	N.D. #
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	9.34	0.00	128	0	0.005	N.D. #
	Total Aroclor-1016			170	0	0.007	N.D.
	Average Aroclor-1016					0.003	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	5.45f	0.00	28	0	0.007	N.D. #
10) L2	Aroclor-1221 {3}	5.68	0.00	29	0	0.002	N.D. #
	Total Aroclor-1221			56	0	0.009	N.D.
	Average Aroclor-1221					0.004	0.000
11) L3	Aroclor-1232	5.68	0.00	29	0	0.002	N.D. #
12) L3	Aroclor-1232 {2}	6.80	0.00	42	0	0.005	N.D. #
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1232			70	0	0.007	N.D.
	Average Aroclor-1232					0.004	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}	10.09	0.00	42	0	0.003	N.D. #
	Total Aroclor-1242			42	0	0.003	N.D.
	Average Aroclor-1242					0.003	0.000
17) L5	Aroclor-1248	9.43f	0.00	79	0	0.004	N.D. #
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			79	0	0.004	N.D.
	Average Aroclor-1248					0.004	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-63.D
Signal #2 : D:\HPCHEM\5\JL02\C575-63.D\CONFIRM.D
Acq On : 02 Jul 96 05:40 PM
Sample : VHB/ DE QAQC D4:F6
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 2 18:14 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

PB 7/5/96

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.44	0	26	N.D.	0.001 #
21) L6 Aroclor-1254 {2}	13.44	15.69	30	24	0.001	0.001
22) L6 Aroclor-1254 {3}	0.00	17.55	0	31	N.D.	0.001 #
Total Aroclor-1254			30	81	0.001	0.003
Average Aroclor-1254					0.001	0.001
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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

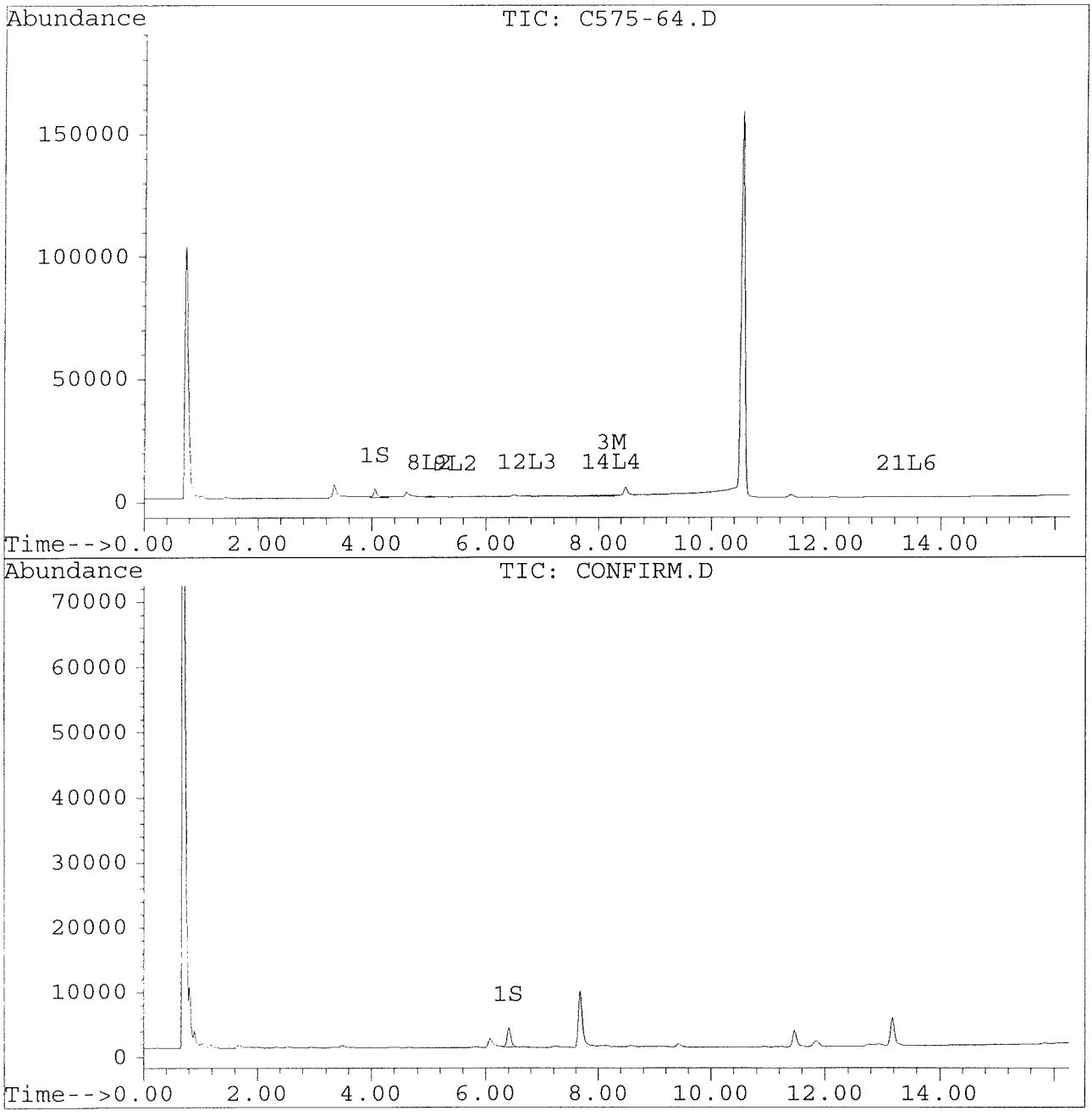
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-64.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL02\C575-64.D\CONFIRM.D
Acq On : 02 Jul 96 06:16 PM Operator: JS
Sample : VHB/ DE QAQC D7:F9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:30 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

DB 7/5/96

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

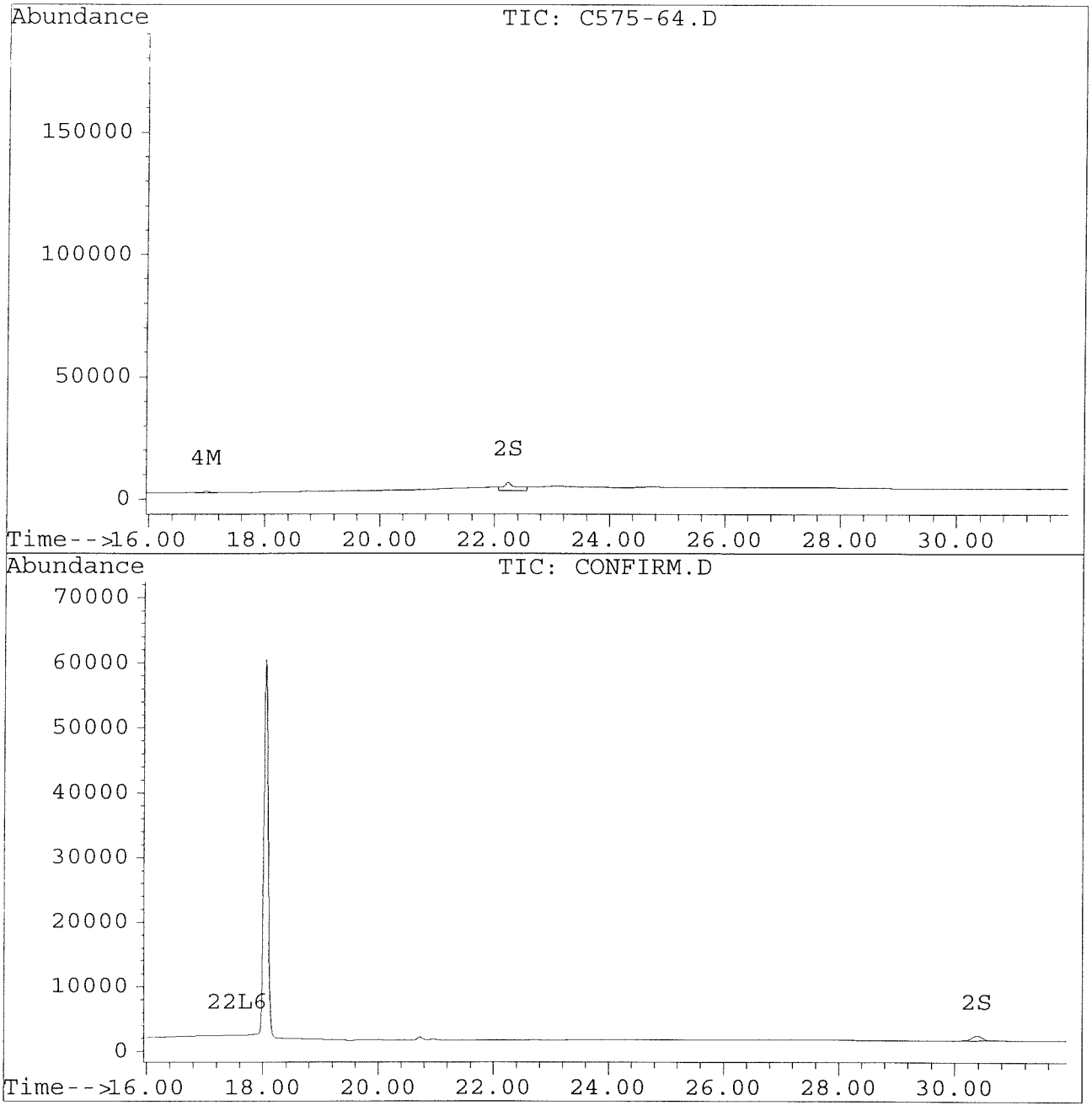


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-64.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL02\C575-64.D\CONFIRM.D
Acq On : 02 Jul 96 06:16 PM Operator: JS
Sample : VHB/ DE QAQC D7:F9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:30 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-64.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL02\C575-64.D\CONFIRM.D
Acq On : 02 Jul 96 06:16 PM Operator: JS
Sample : VHB/ DE QAQC D7:F9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:30 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.41	3700	2965	0.016	0.016	
				Recovery	=	40.00%	40.00%	80
2) S	Decachlorobiphenyl	22.23	30.37	3410	773	0.017	0.009	#
				Recovery	=	42.50%	22.50%	45
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.23	0.00	538	0	0.005	N.D.	#
4) M	2,2',3,3',4,4'-Hexa	16.98	0.00	750	0	0.008	N.D.	#
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.	
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.	
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1016			0	0	N.D.	N.D.	
Average	Aroclor-1016					0.000	0.000	
8) L2	Aroclor-1221	5.01f	0.00	511	0	0.106	N.D.	#
9) L2	Aroclor-1221 {2}	5.46	0.00	28	0	0.007	N.D.	#
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1221			539	0	0.113	N.D.	
Average	Aroclor-1221					0.056	0.000	
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.	
12) L3	Aroclor-1232 {2}	6.74f	0.00	234	0	0.027	N.D.	#
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1232			234	0	0.027	N.D.	
Average	Aroclor-1232					0.027	0.000	
14) L4	Aroclor-1242	8.23	0.00	538	0	0.014	N.D.	#
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.	
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1242			538	0	0.014	N.D.	
Average	Aroclor-1242					0.014	0.000	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-64.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL02\C575-64.D\CONFIRM.D
Acq On : 02 Jul 96 06:16 PM Operator: JS
Sample : VHB/ DE QAQC D7:F9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:30 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	13.42	0.00	30	0	0.001	N.D. #
22) L6	Aroclor-1254 {3}	0.00	17.56	0	944	N.D.	0.025 #
Total	Aroclor-1254			30	944	0.001	0.025
Average	Aroclor-1254					0.001	0.025
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

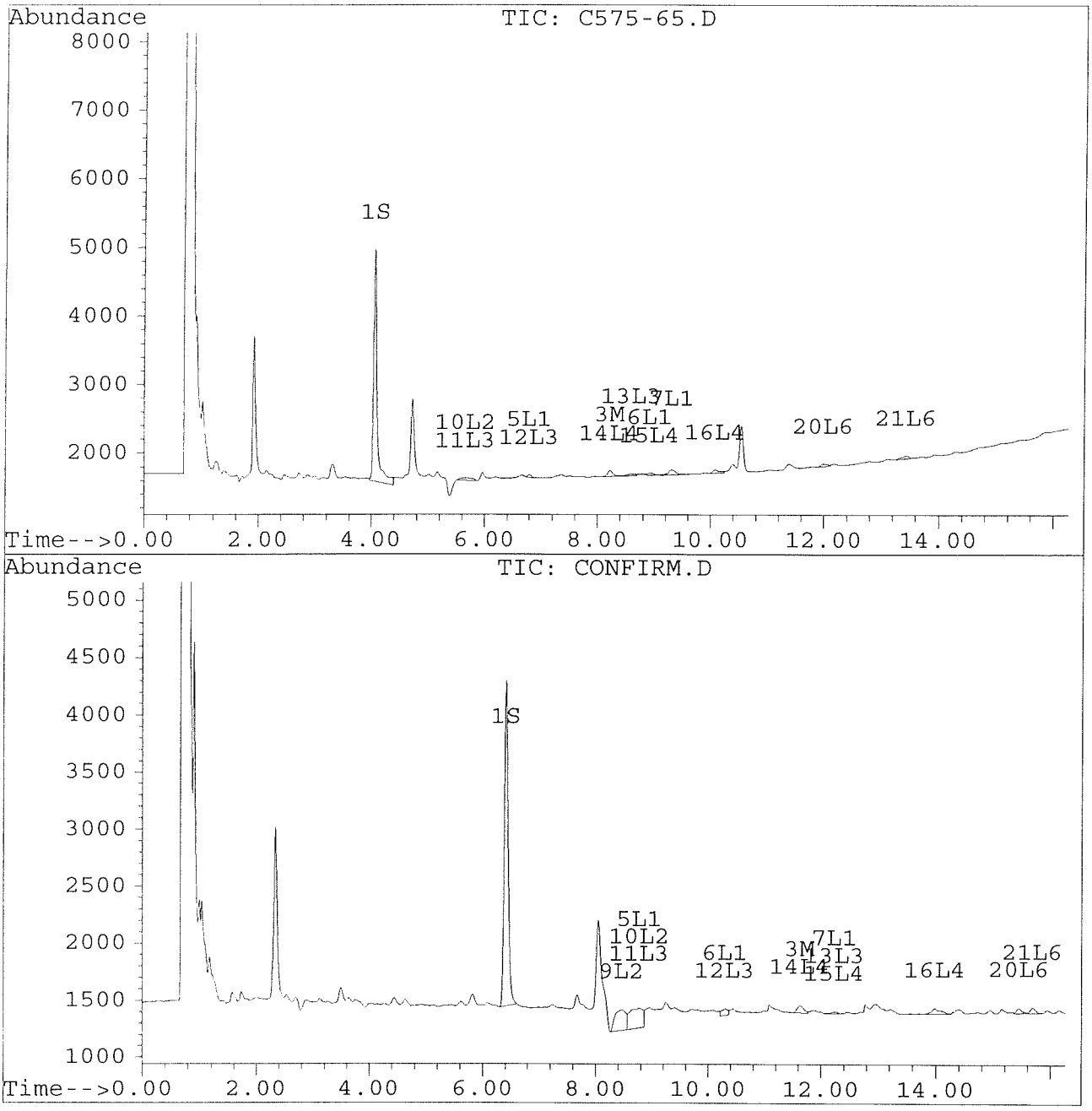
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-65.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL02\C575-65.D\CONFIRM.D
Acq On : 02 Jul 96 06:51 PM Operator: JS
Sample : VHB/ DE QAQC G10:I12 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:31 1996

PB671596

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

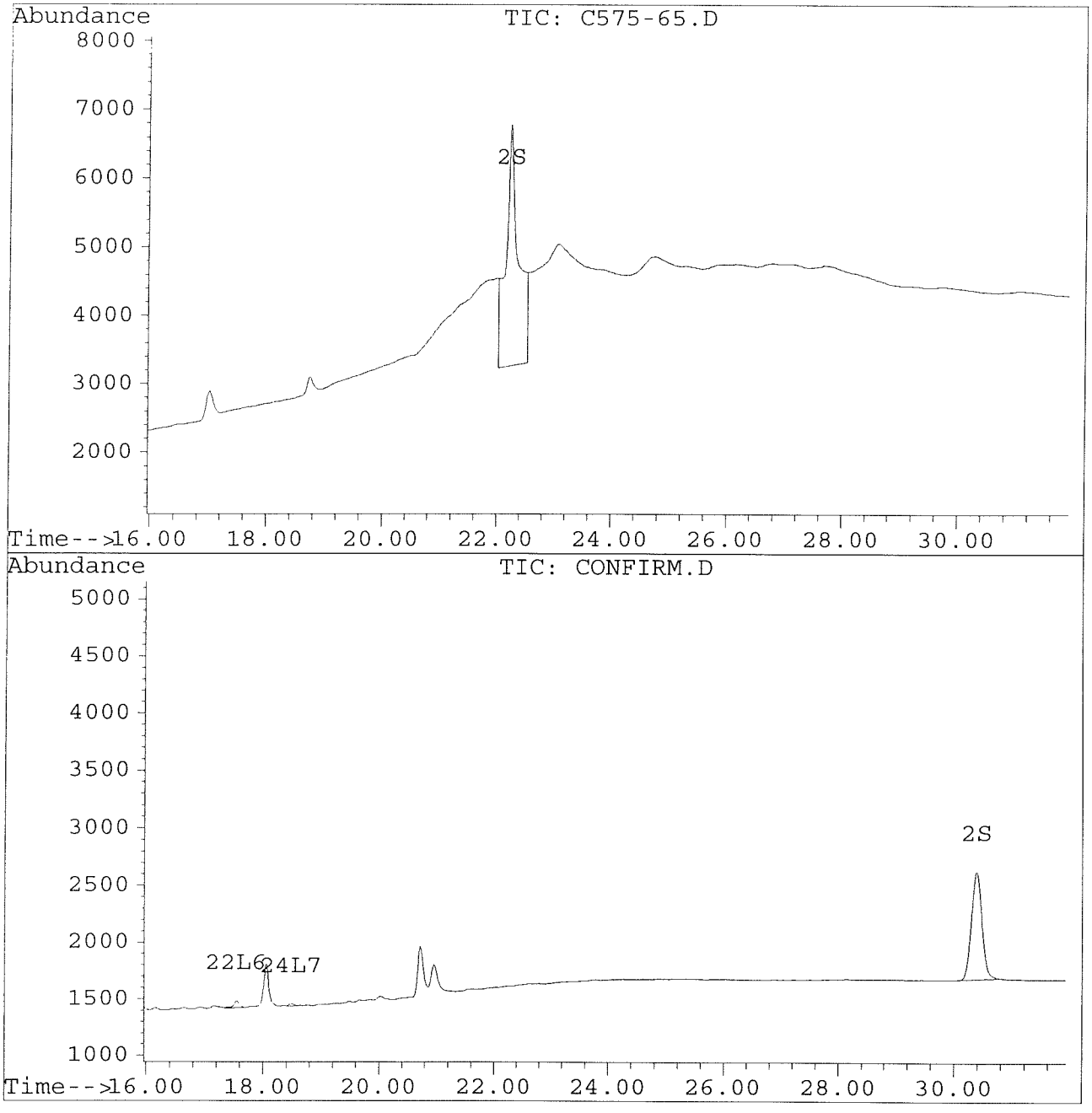


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-65.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL02\C575-65.D\CONFIRM.D
Acq On : 02 Jul 96 06:51 PM Operator: JS
Sample : VHB/ DE QAQC G10:I12 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:31 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-65.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL02\C575-65.D\CONFIRM.D
Acq On : 02 Jul 96 06:51 PM Operator: JS
Sample : VHB/ DE QAQC G10:I12 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:31 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.05	6.41	3379	2844	0.015	0.015	
					Recovery	=	37.50%	37.50%	75
2)	S	Decachlorobiphenyl	22.23	30.38	3520	945	0.017	0.012	#
					Recovery	=	42.50%	30.00%	60
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.63	91	66	0.001	0.001	#
4)	M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.	
5)	L1	Aroclor-1016	6.80	8.77	40	173	0.001	0.013	#
6)	L1	Aroclor-1016 {2}	8.92	10.29	38	58	0.003	0.002	
7)	L1	Aroclor-1016 {3}	9.31	12.24	70	16	0.003	0.001	#
		Total Aroclor-1016			148	247	0.007	0.016	
		Average Aroclor-1016					0.002	0.005	
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9)	L2	Aroclor-1221 {2}	0.00	8.47f	0	180	N.D.	0.053	#
10)	L2	Aroclor-1221 {3}	5.67	8.77	41	173	0.003	0.017	#
		Total Aroclor-1221			41	353	0.003	0.070	
		Average Aroclor-1221					0.003	0.035	
11)	L3	Aroclor-1232	5.67	8.77	41	173	0.003	0.019	#
12)	L3	Aroclor-1232 {2}	6.80	10.29	40	58	0.005	0.008	#
13)	L3	Aroclor-1232 {3}	8.60	12.24f	24	16	0.005	0.004	
		Total Aroclor-1232			105	247	0.013	0.030	
		Average Aroclor-1232					0.004	0.010	
14)	L4	Aroclor-1242	8.22	11.63	91	66	0.002	0.002	
15)	L4	Aroclor-1242 {2}	8.92	12.24	38	16	0.003	0.001	#
16)	L4	Aroclor-1242 {3}	10.08	13.98	50	49	0.003	0.004	
		Total Aroclor-1242			178	131	0.009	0.007	
		Average Aroclor-1242					0.003	0.002	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-65.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL02\C575-65.D\CONFIRM.D
Acq On : 02 Jul 96 06:51 PM Operator: JS
Sample : VHB/ DE QAQC G10:I12 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:31 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.99	15.45	34	44	0.001	0.002 #
21) L6	Aroclor-1254 {2}	13.44	15.69	47	48	0.001	0.002
22) L6	Aroclor-1254 {3}	0.00	17.55	0	60	N.D.	0.002 #
Total	Aroclor-1254			81	152	0.003	0.005
Average	Aroclor-1254					0.001	0.002
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	18.49	0	18	N.D.	0.001 #
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	18	N.D.	0.001
Average	Aroclor-1260					0.000	0.001
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-66.D
Signal #2 : D:\HPCHEM\5\JL02\C575-66.D\CONFIRM.D
Acq On : 02 Jul 96 07:27 PM
Sample : VHB/ DE QAQC P1:R3
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 10:32 1996

Vial: 12

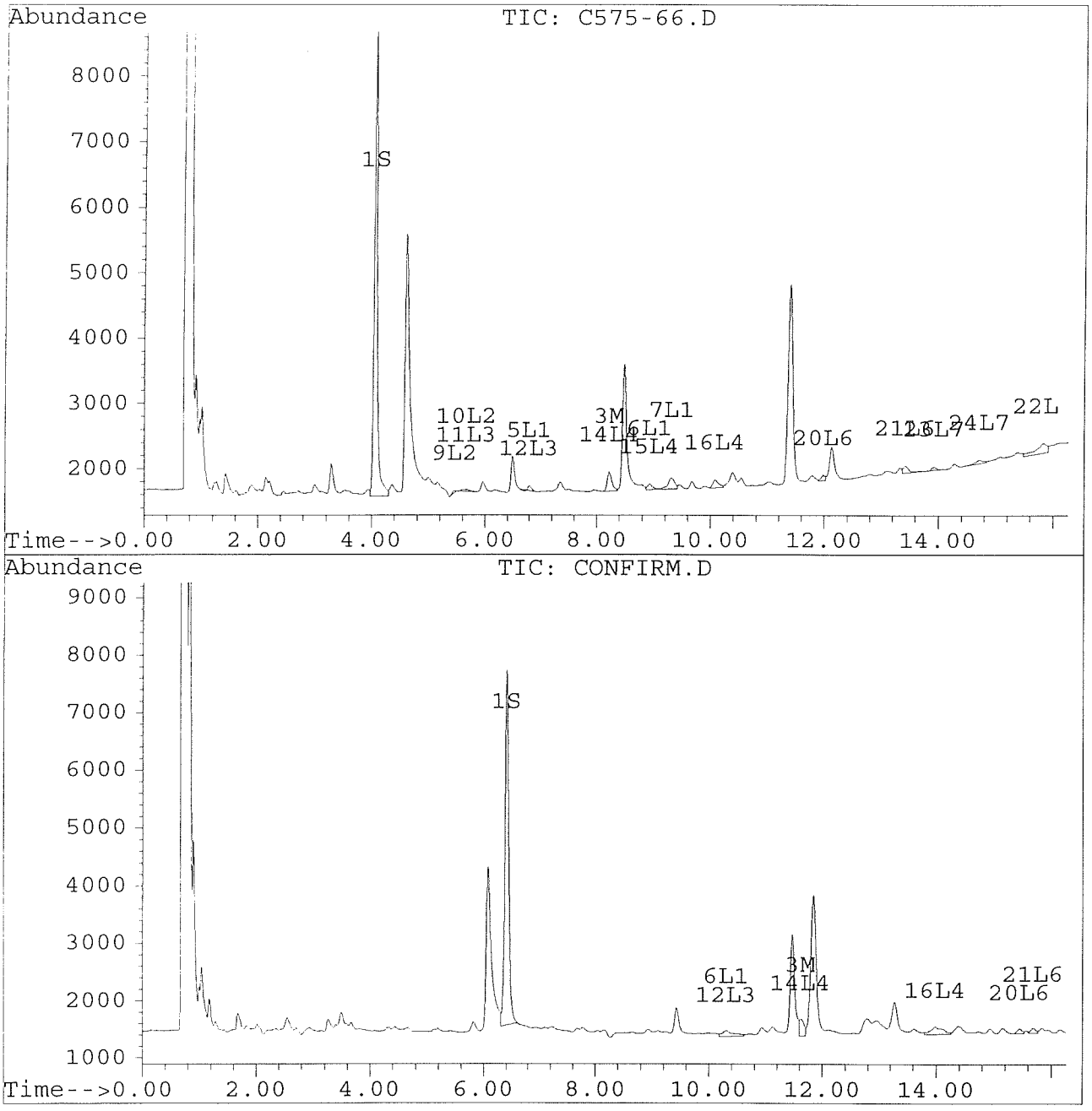
Operator: JS
Inst : ECD1
Multiplr: 1.00

PB 7/5/96

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



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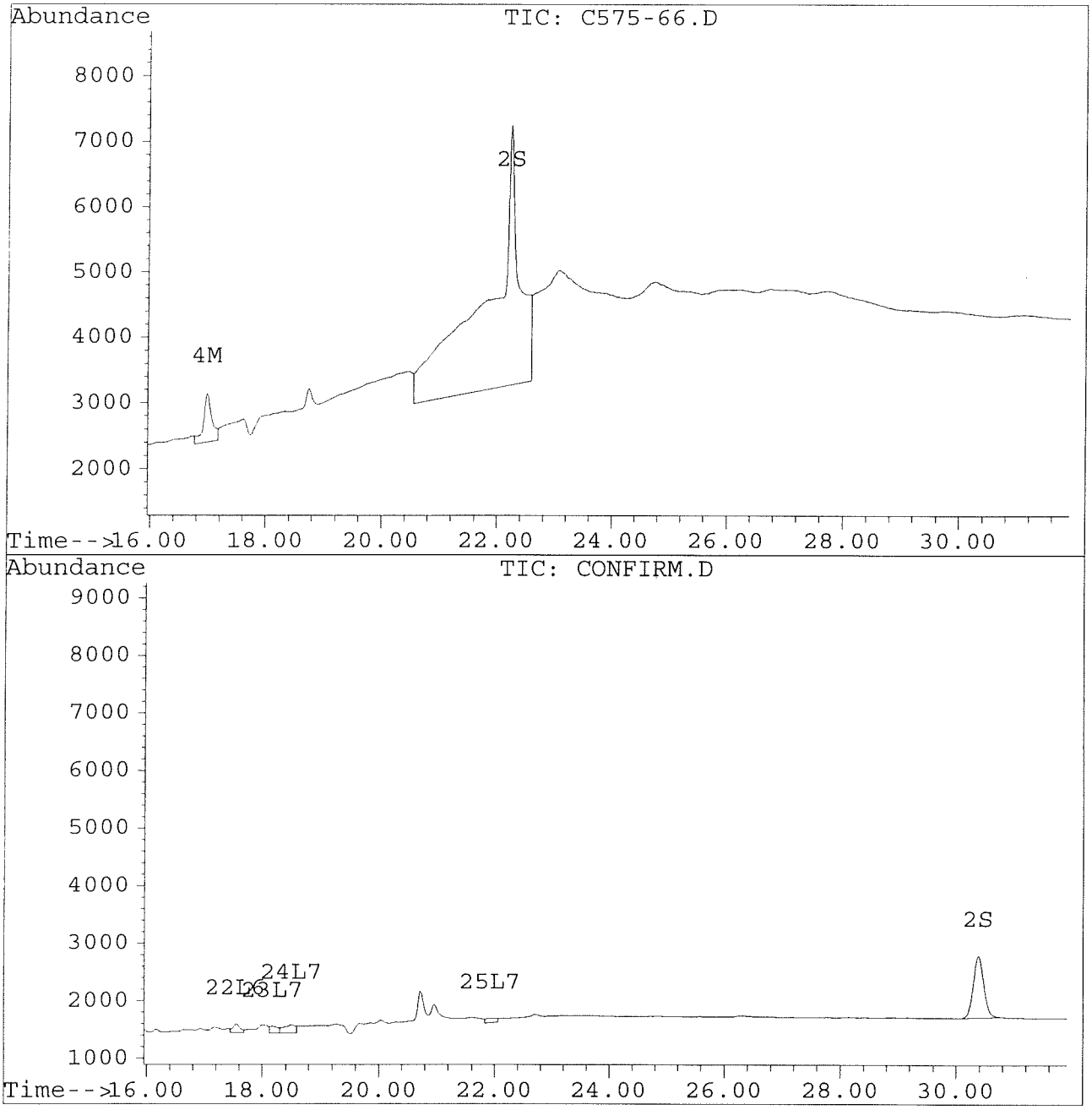
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-66.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL02\C575-66.D\CONFIRM.D
Acq On : 02 Jul 96 07:27 PM Operator: JS
Sample : VHB/ DE QAQC P1:R3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-66.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL02\C575-66.D\CONFIRM.D
Acq On : 02 Jul 96 07:27 PM Operator: JS
Sample : VHB/ DE QAQC P1:R3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

2mL surrogate added

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.05	6.41	7114	6160	0.031	0.033	87
					Recovery	=	77.50%	82.50%	165
2)	S	Decachlorobiphenyl	22.23	30.38	3965	1082	0.020	0.013	#3
					Recovery	=	50.00%	32.50%	65
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.62	291	291	0.003	0.003	
4)	M	2,2',3,3',4,4'-Hexa	16.98	0.00	731	0	0.008	N.D.	#
5)	L1	Aroclor-1016	6.80	0.00	73	0	0.002	N.D.	#
6)	L1	Aroclor-1016 {2}	8.93	10.30	87	103	0.006	0.004	#
7)	L1	Aroclor-1016 {3}	9.32	0.00	169	0	0.007	N.D.	#
		Total Aroclor-1016			329	103	0.015	0.004	
		Average Aroclor-1016					0.005	0.004	
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9)	L2	Aroclor-1221 {2}	5.47	0.00	26	0	0.006	N.D.	#
10)	L2	Aroclor-1221 {3}	5.67	0.00	29	0	0.002	N.D.	#
		Total Aroclor-1221			54	0	0.008	N.D.	
		Average Aroclor-1221					0.004	0.000	
11)	L3	Aroclor-1232	5.67	0.00	29	0	0.002	N.D.	#
12)	L3	Aroclor-1232 {2}	6.80	10.30	73	103	0.008	0.014	#
13)	L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1232			101	103	0.011	0.014	
		Average Aroclor-1232					0.005	0.014	
14)	L4	Aroclor-1242	8.22	11.62	291	291	0.008	0.010	#
15)	L4	Aroclor-1242 {2}	8.93	0.00	87	0	0.008	N.D.	#
16)	L4	Aroclor-1242 {3}	10.08	13.98	117	132	0.008	0.011	#
		Total Aroclor-1242			496	423	0.024	0.021	
		Average Aroclor-1242					0.008	0.010	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-66.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL02\C575-66.D\CONFIRM.D
Acq On : 02 Jul 96 07:27 PM Operator: JS
Sample : VHB/ DE QAQC P1:R3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.99	15.45	79	80	0.003	0.003
21) L6	Aroclor-1254 {2}	13.43	15.69	105	81	0.003	0.003
22) L6	Aroclor-1254 {3}	15.83	17.55	146	152	0.006	0.004 #
Total	Aroclor-1254			330	313	0.012	0.010
Average	Aroclor-1254					0.004	0.003
23) L7	Aroclor-1260	13.93	18.17	46	119	0.002	0.004 #
24) L7	Aroclor-1260 {2}	14.72	18.50	49	144	0.002	0.004 #
25) L7	Aroclor-1260 {3}	0.00	21.92	0	82	N.D.	0.002 #
Total	Aroclor-1260			95	345	0.003	0.010
Average	Aroclor-1260					0.002	0.003
26) L8	Aroclor-1268	0.00	23.35	0	24	N.D.	NoCal
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

Quantitation Report

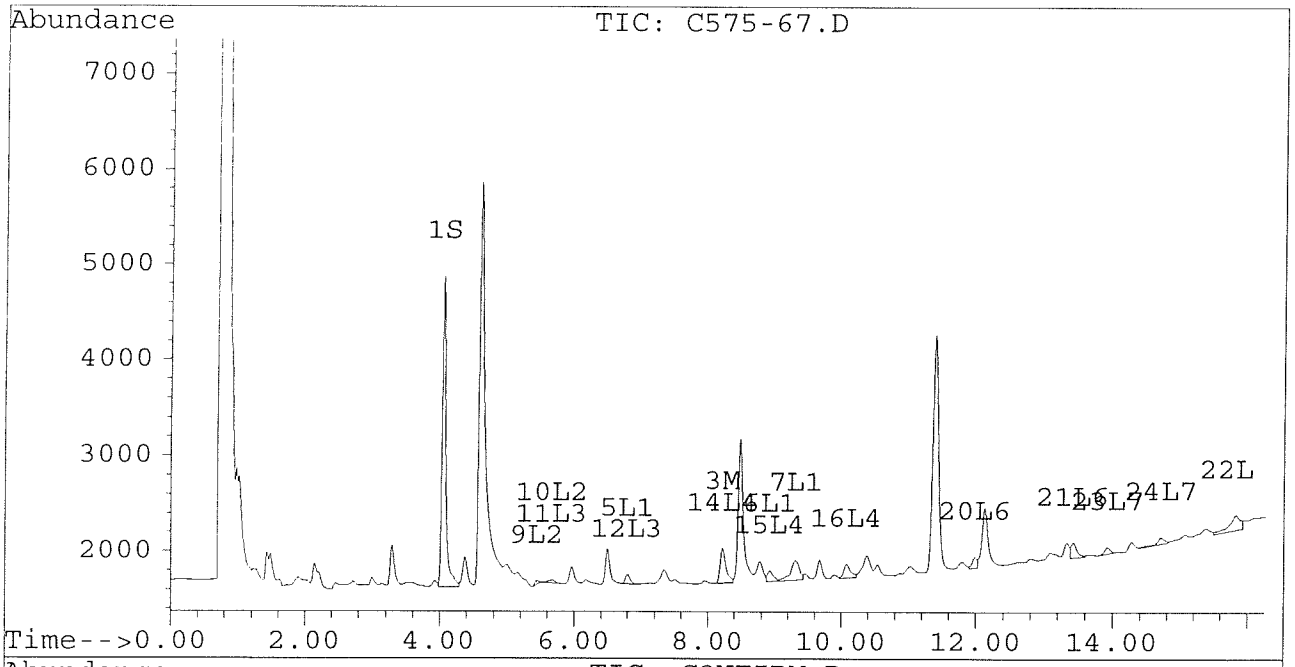
Signal #1 : D:\HPCHEM\5\JL02\C575-67.D
Signal #2 : D:\HPCHEM\5\JL02\C575-67.D\CONFIRM.D
Acq On : 02 Jul 96 08:02 PM
Sample : VHB/ DE QAQC G1:I3
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 10:33 1996

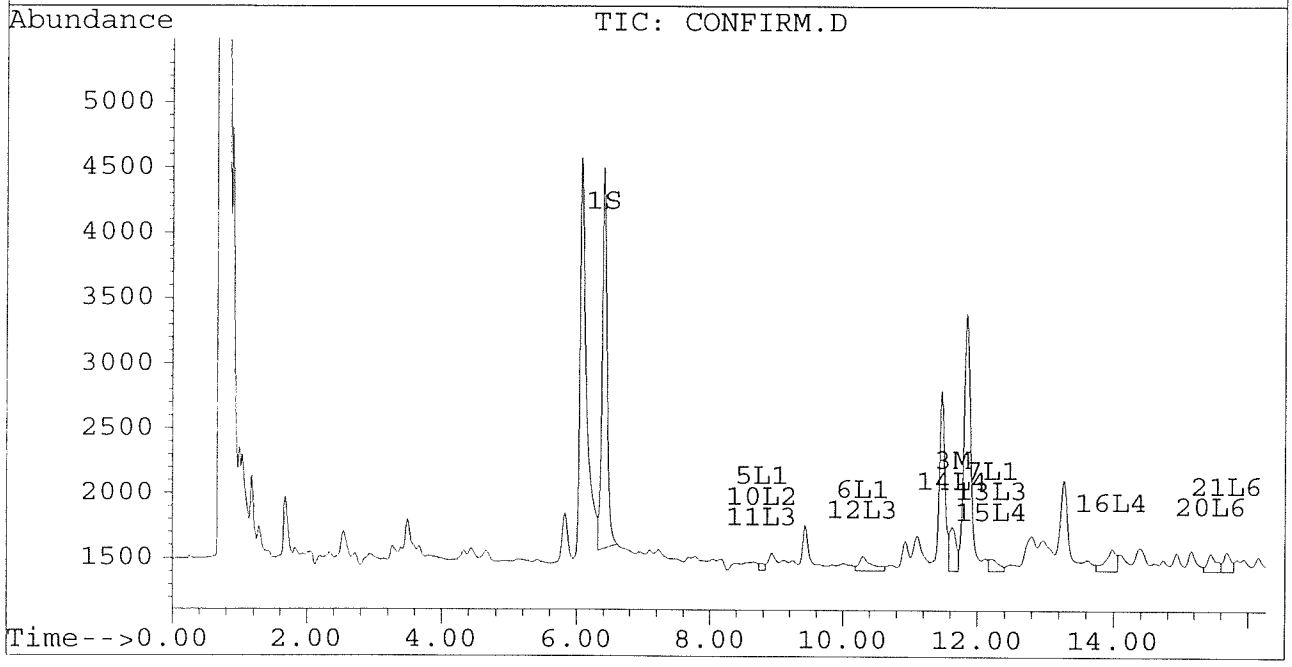
Vial: 13
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

PBB 7/15/96

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





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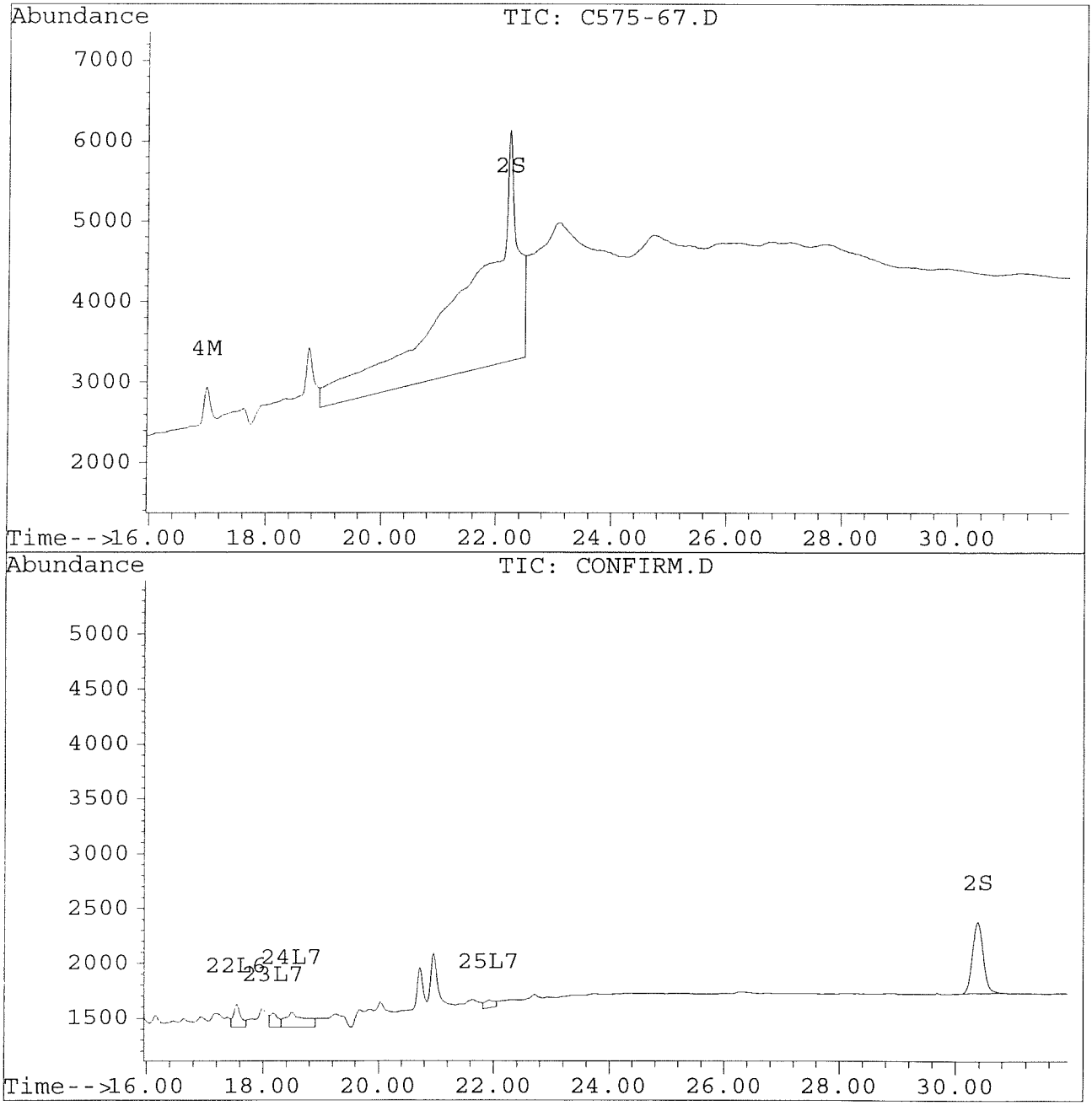
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-67.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL02\C575-67.D\CONFIRM.D
Acq On : 02 Jul 96 08:02 PM Operator: JS
Sample : VHB/ DE QAQC G1:I3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-67.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL02\C575-67.D\CONFIRM.D
Acq On : 02 Jul 96 08:02 PM Operator: JS
Sample : VHB/ DE QAQC G1:I3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	3256	2918	0.014	0.016
				Recovery	=	35.00%	40.00% 80
2) S	Decachlorobiphenyl	22.23	30.38	2878	652	0.014	0.008 #
				Recovery	=	35.00%	20.00% 40
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.63	365	335	0.004	0.003
4) M	2,2',3,3',4,4'-Hexa	16.98	0.00	555	0	0.006	N.D. #
5) L1	Aroclor-1016	6.80	8.78	96	51	0.003	0.004
6) L1	Aroclor-1016 {2}	8.93	10.30	109	110	0.007	0.004 #
7) L1	Aroclor-1016 {3}	9.31	12.21	207	97	0.008	0.006 #
Total	Aroclor-1016			411	257	0.019	0.014
Average	Aroclor-1016					0.006	0.005
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	5.45f	0.00	33	0	0.008	N.D. #
10) L2	Aroclor-1221 {3}	5.67	8.78	33	51	0.002	0.005 #
Total	Aroclor-1221			66	51	0.010	0.005
Average	Aroclor-1221					0.005	0.005
11) L3	Aroclor-1232	5.67	8.78	33	51	0.003	0.006 #
12) L3	Aroclor-1232 {2}	6.80	10.30	96	110	0.011	0.015 #
13) L3	Aroclor-1232 {3}	0.00	12.21	0	97	N.D.	0.023 #
Total	Aroclor-1232			129	257	0.014	0.043
Average	Aroclor-1232					0.007	0.014
14) L4	Aroclor-1242	8.22	11.63	365	335	0.010	0.011
15) L4	Aroclor-1242 {2}	8.93	12.21	109	97	0.010	0.008
16) L4	Aroclor-1242 {3}	10.08	13.98	144	171	0.010	0.014 #
Total	Aroclor-1242			617	602	0.029	0.033
Average	Aroclor-1242					0.010	0.011
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-67.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL02\C575-67.D\CONFIRM.D
Acq On : 02 Jul 96 08:02 PM Operator: JS
Sample : VHB/ DE QAQC G1:I3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.99	15.45	108	137	0.004	0.005 #
21) L6 Aroclor-1254 {2}	13.43	15.69	157	149	0.005	0.005
22) L6 Aroclor-1254 {3}	15.83	17.55	154	208	0.007	0.006
Total Aroclor-1254			418	494	0.015	0.016
Average Aroclor-1254					0.005	0.005
23) L7 Aroclor-1260	13.93	18.17	66	128	0.002	0.004 #
24) L7 Aroclor-1260 {2}	14.71	18.50	65	136	0.002	0.004 #
25) L7 Aroclor-1260 {3}	0.00	21.92	0	69	N.D.	0.001 #
Total Aroclor-1260			130	332	0.004	0.010
Average Aroclor-1260					0.002	0.003
26) L8 Aroclor-1268	0.00	23.37f	0	8	N.D.	NoCal
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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

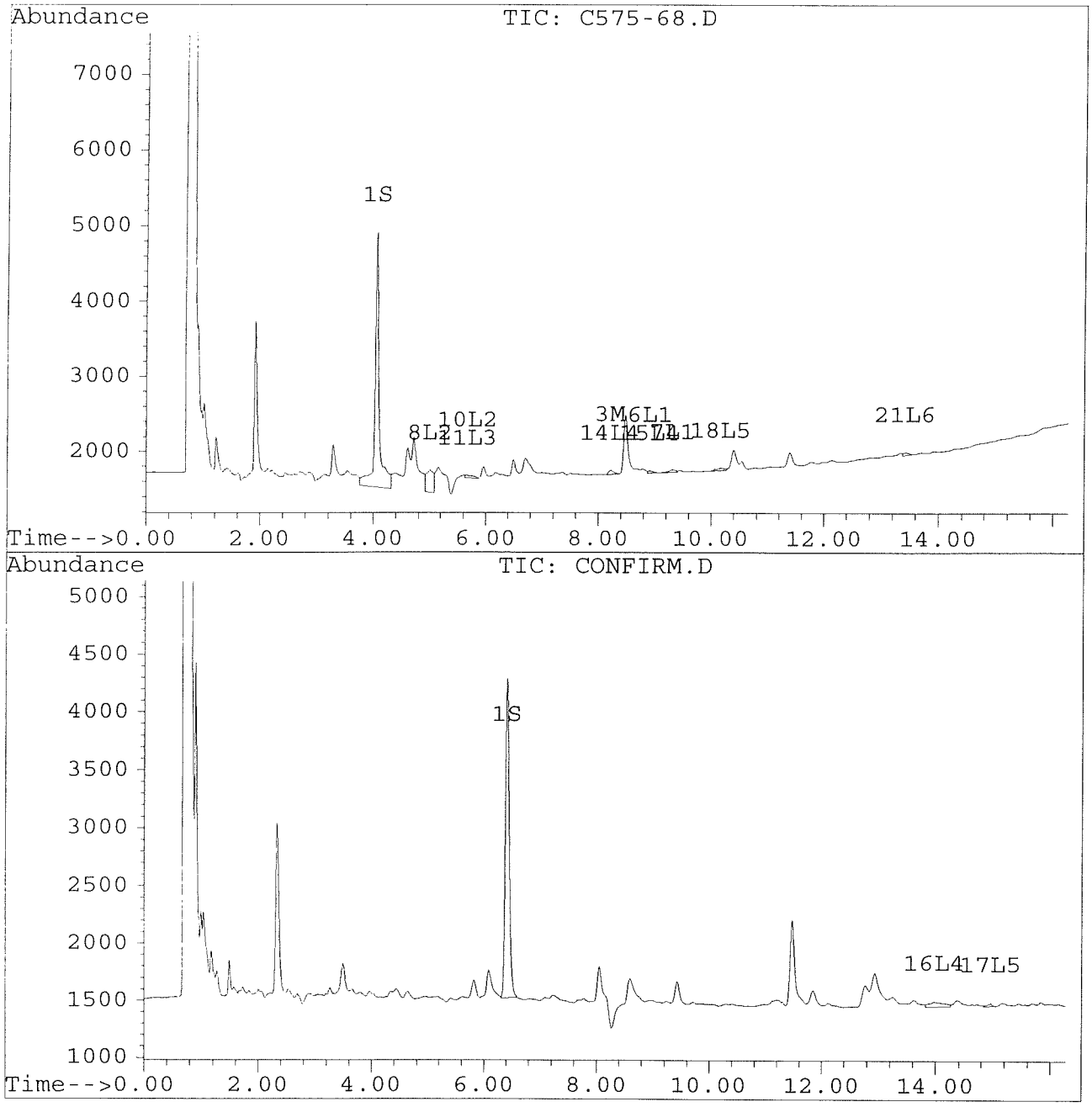
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-68.D
Signal #2 : D:\HPCHEM\5\JL02\C575-68.D\CONFIRM.D
Acq On : 02 Jul 96 08:38 PM
Sample : VHB/ DE QAQC G7:I9
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 10:35 1996

Vial: 14
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



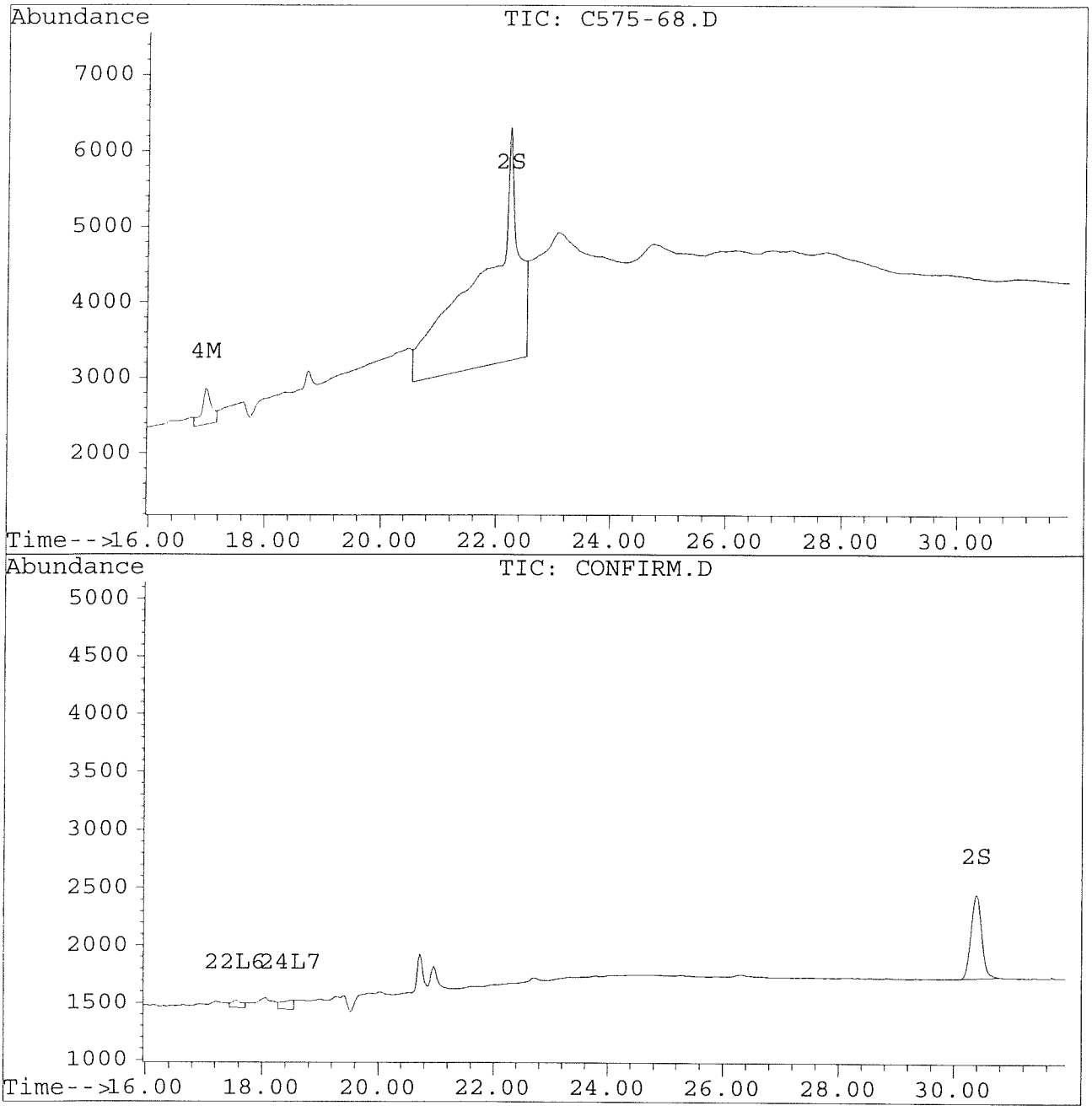
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-68.D
Signal #2 : D:\HPCHEM\5\JL02\C575-68.D\CONFIRM.D
Acq On : 02 Jul 96 08:38 PM
Sample : VHB/ DE QAQC G7:I9
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 10:35 1996

Vial: 14
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-68.D Vial: 14
Signal #2 : D:\HPCHEM\5\JL02\C575-68.D\CONFIRM.D
Acq On : 02 Jul 96 08:38 PM Operator: JS
Sample : VHB/ DE QAQC G7:I9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.41	3382	2760	0.015	0.015	
				Recovery	=	37.50%	37.50%	75
2) S	Decachlorobiphenyl	22.23	30.38	3074	723	0.015	0.009	#
				Recovery	=	37.50%	22.50%	45
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	0.00	56	0	0.001	N.D.	#
4) M	2,2',3,3',4,4'-Hexa	16.99	0.00	477	0	0.005	N.D.	#
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.	
6) L1	Aroclor-1016 {2}	8.92	0.00	28	0	0.002	N.D.	#
7) L1	Aroclor-1016 {3}	9.32	0.00	33	0	0.001	N.D.	#
Total	Aroclor-1016			61	0	0.003	N.D.	
Average	Aroclor-1016					0.002	0.000	
8) L2	Aroclor-1221	5.01f	0.00	290	0	0.060	N.D.	#
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10) L2	Aroclor-1221 {3}	5.68	0.00	37	0	0.003	N.D.	#
Total	Aroclor-1221			326	0	0.063	N.D.	
Average	Aroclor-1221					0.031	0.000	
11) L3	Aroclor-1232	5.68	0.00	37	0	0.003	N.D.	#
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.	
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1232			37	0	0.003	N.D.	
Average	Aroclor-1232					0.003	0.000	
14) L4	Aroclor-1242	8.22	0.00	56	0	0.001	N.D.	#
15) L4	Aroclor-1242 {2}	8.92	0.00	28	0	0.003	N.D.	#
16) L4	Aroclor-1242 {3}	0.00	13.98	0	42	N.D.	0.003	#
Total	Aroclor-1242			84	42	0.004	0.003	
Average	Aroclor-1242					0.002	0.003	
17) L5	Aroclor-1248	0.00	14.96f	0	25	N.D.	0.002	#
18) L5	Aroclor-1248 {2}	10.18	0.00	30	0	0.002	N.D.	#
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			30	25	0.002	0.002	
Average	Aroclor-1248					0.002	0.002	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-68.D Vial: 14
Signal #2 : D:\HPCHEM\5\JL02\C575-68.D\CONFIRM.D
Acq On : 02 Jul 96 08:38 PM Operator: JS
Sample : VHB/ DE QAQC G7:I9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	13.44	0.00	36	0	0.001	N.D. #
22) L6	Aroclor-1254 {3}	0.00	17.55	0	66	N.D.	0.002 #
Total	Aroclor-1254			36	66	0.001	0.002
Average	Aroclor-1254					0.001	0.002
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	18.50	0	79	N.D.	0.002 #
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	79	N.D.	0.002
Average	Aroclor-1260					0.000	0.002
26) L8	Aroclor-1268	0.00	23.35	0	86	N.D.	NoCal
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

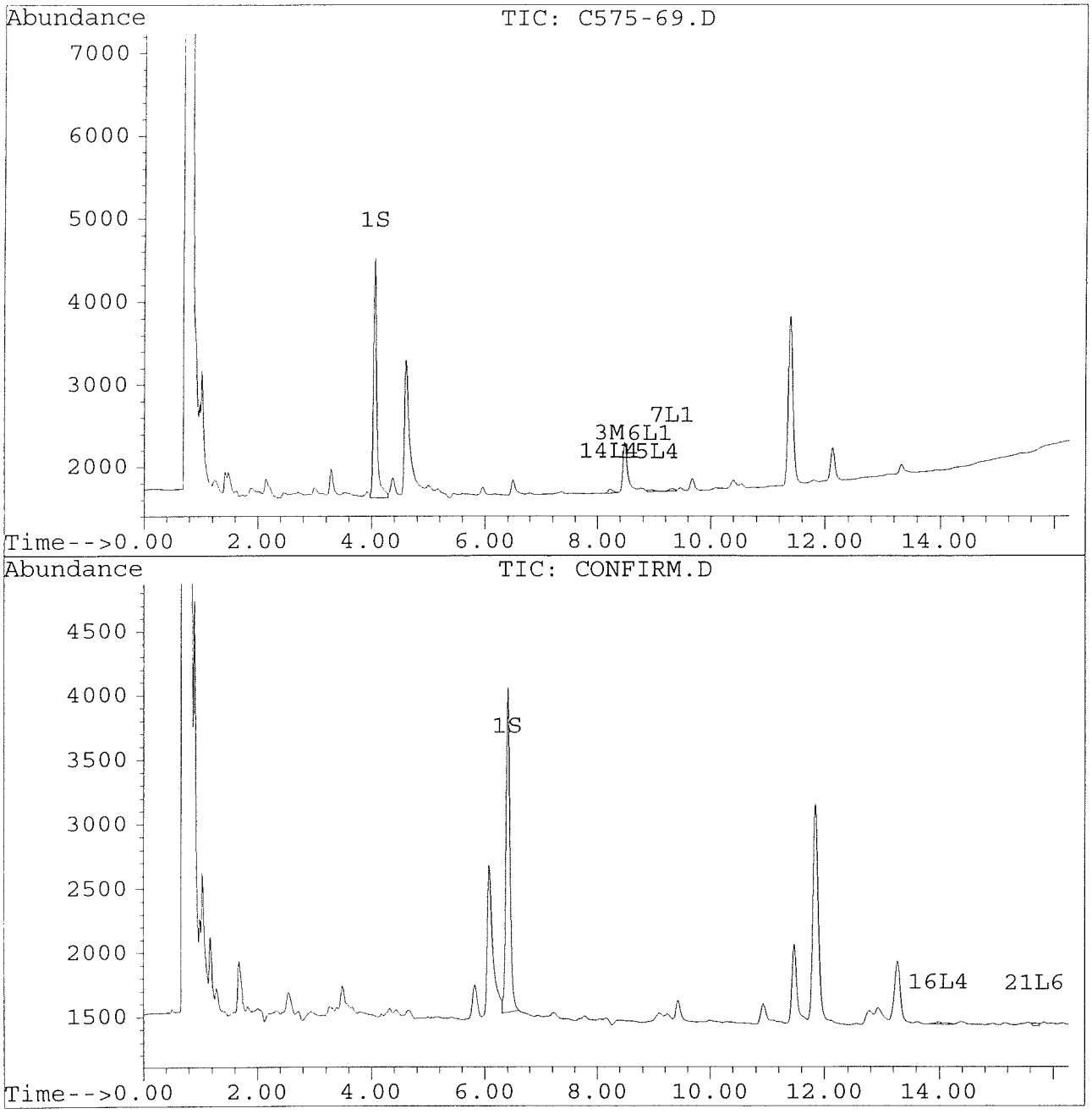
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-69.D Vial: 18
Signal #2 : D:\HPCHEM\5\JL02\C575-69.D\CONFIRM.D
Acq On : 02 Jul 96 11:00 PM Operator: JS
Sample : VHB/ DE QAQC J1:L3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

7/15/96

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

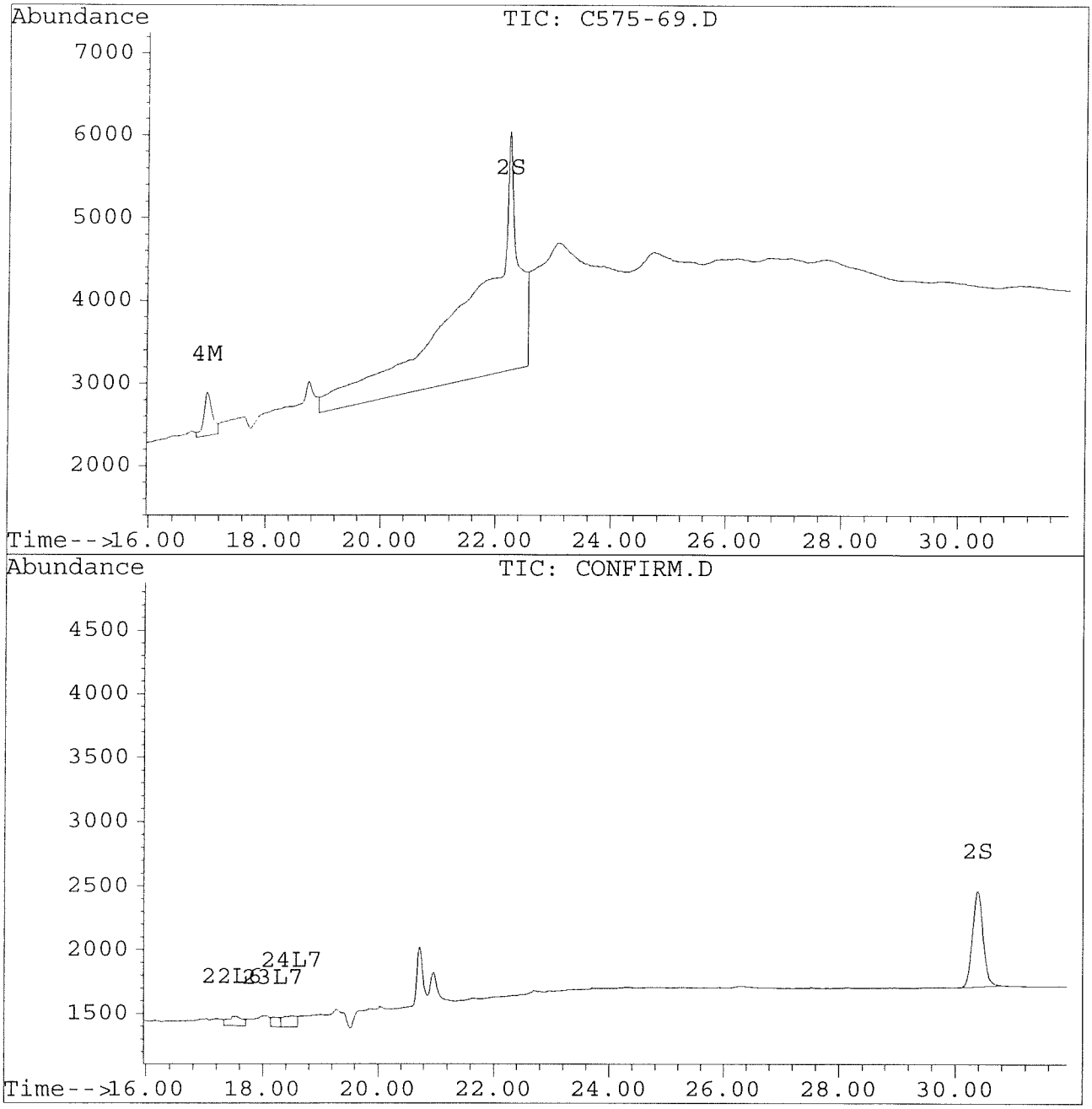


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-69.D Vial: 18
Signal #2 : D:\HPCHEM\5\JL02\C575-69.D\CONFIRM.D
Acq On : 02 Jul 96 11:00 PM Operator: JS
Sample : VHB/ DE QAQC J1:L3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-69.D Vial: 18
Signal #2 : D:\HPCHEM\5\JL02\C575-69.D\CONFIRM.D
Acq On : 02 Jul 96 11:00 PM Operator: JS
Sample : VHB/ DE QAQC J1:L3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	2892	2526	0.013	0.014
				Recovery	=	32.50%	35.00% 70
2) S	Decachlorobiphenyl	22.23	30.38	2885	746	0.014	0.009 #
				Recovery	=	35.00%	22.50% 1/5
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	0.00	50	0	0.000	N.D. #
4) M	2,2',3,3',4,4'-Hexa	17.00	0.00	524	0	0.006	N.D. #
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	8.93	0.00	22	0	0.001	N.D. #
7) L1	Aroclor-1016 {3}	9.32	0.00	29	0	0.001	N.D. #
Total	Aroclor-1016			51	0	0.003	N.D.
Average	Aroclor-1016					0.001	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	8.22	0.00	50	0	0.001	N.D. #
15) L4	Aroclor-1242 {2}	8.93	0.00	22	0	0.002	N.D. #
16) L4	Aroclor-1242 {3}	0.00	13.99	0	16	N.D.	0.001 #
Total	Aroclor-1242			71	16	0.003	0.001
Average	Aroclor-1242					0.002	0.001
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-69.D Vial: 18
Signal #2 : D:\HPCHEM\5\JL02\C575-69.D\CONFIRM.D
Acq On : 02 Jul 96 11:00 PM Operator: JS
Sample : VHB/ DE QAQC J1:L3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.	
21) L6	Aroclor-1254 {2}	0.00	15.68	0	22	N.D.	0.001	#
22) L6	Aroclor-1254 {3}	0.00	17.49f	0	71	N.D.	0.002	#
Total	Aroclor-1254			0	93	N.D.	0.003	
Average	Aroclor-1254					0.000	0.001	
23) L7	Aroclor-1260	0.00	18.18	0	72	N.D.	0.002	#
24) L7	Aroclor-1260 {2}	0.00	18.51	0	84	N.D.	0.003	#
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1260			0	156	N.D.	0.005	
Average	Aroclor-1260					0.000	0.002	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.	
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

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

Quantitation Report

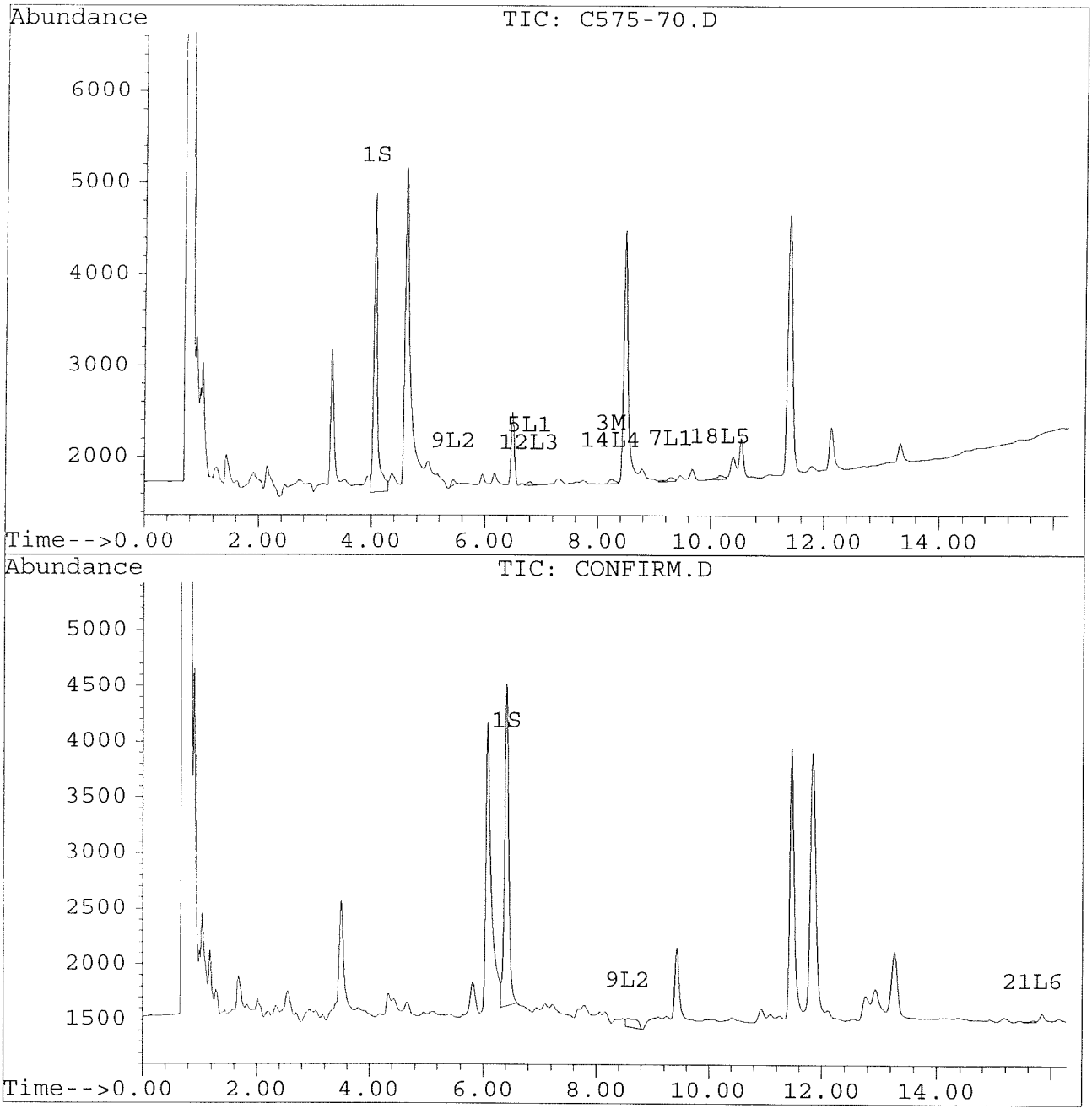
Signal #1 : D:\HPCHEM\5\JL02\C575-70.D
Signal #2 : D:\HPCHEM\5\JL02\C575-70.D\CONFIRM.D
Acq On : 02 Jul 96 11:36 PM
Sample : VHB/ DE QAQC D1:F3
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 10:59 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

PB6715KC

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



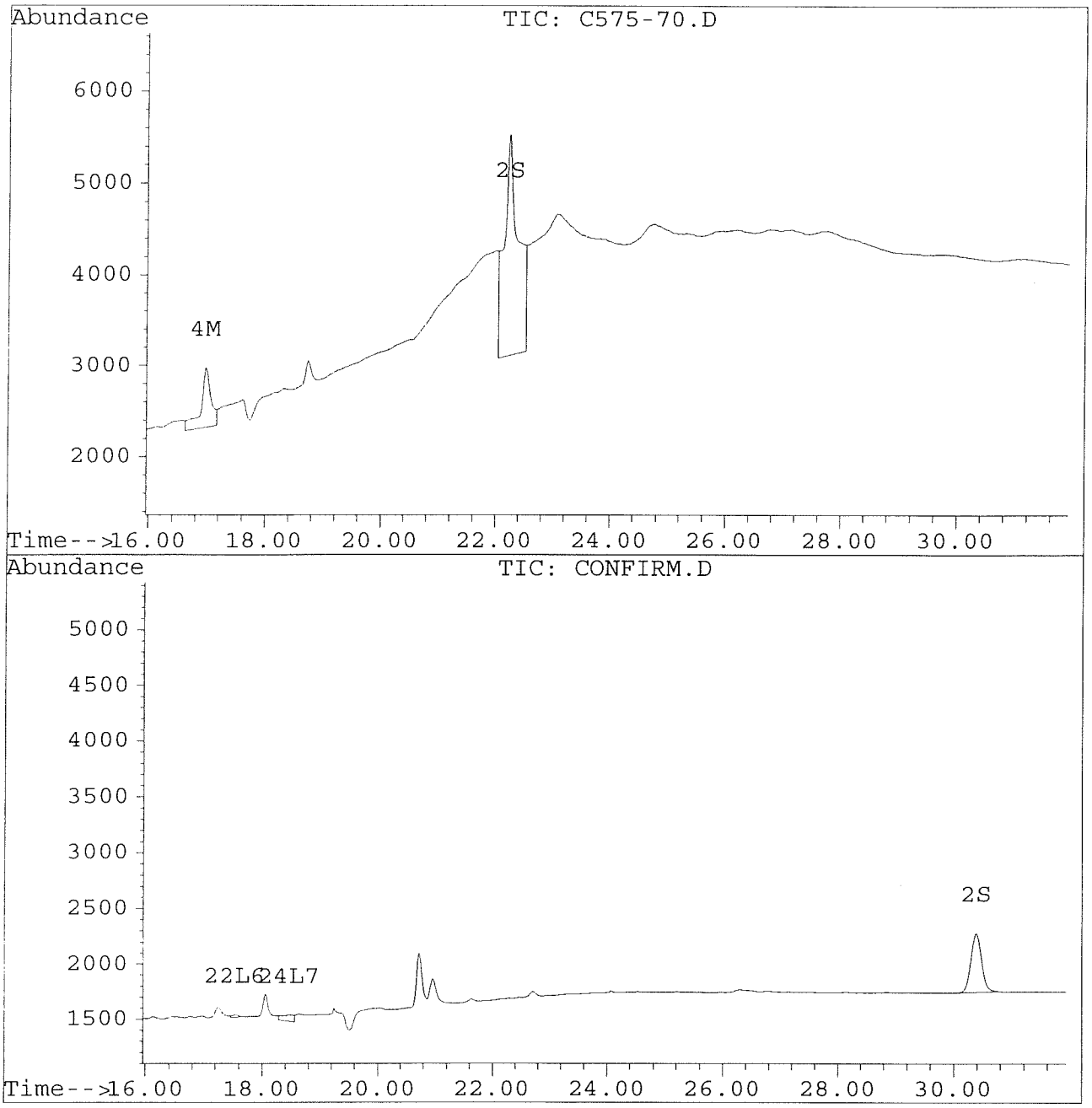
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-70.D
Signal #2 : D:\HPCHEM\5\JL02\C575-70.D\CONFIRM.D
Acq On : 02 Jul 96 11:36 PM
Sample : VHB/ DE QAQC D1:F3
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 10:59 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-70.D Vial: 19
Signal #2 : D:\HPCHEM\5\JL02\C575-70.D\CONFIRM.D
Acq On : 02 Jul 96 11:36 PM Operator: JS
Sample : VHB/ DE QAQC D1:F3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.05	6.41	3258	2896	0.014	0.016	
					Recovery	=	35.00%	40.00%	8C
2)	S	Decachlorobiphenyl	22.23	30.38	2424	529	0.012	0.006	#
					Recovery	=	30.00%	15.00%	3C
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.24	0.00	46	0	0.000	N.D.	#
4)	M	2,2',3,3',4,4'-Hexa	16.98	0.00	648	0	0.007	N.D.	#
5)	L1	Aroclor-1016	6.80	0.00	39	0	0.001	N.D.	#
6)	L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.	
7)	L1	Aroclor-1016 {3}	9.30	0.00	43	0	0.002	N.D.	#
		Total Aroclor-1016			83	0	0.003	N.D.	
		Average Aroclor-1016					0.002	0.000	
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9)	L2	Aroclor-1221 {2}	5.45f	8.56f	59	75	0.014	0.022	#
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1221			59	75	0.014	0.022	
		Average Aroclor-1221					0.014	0.022	
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.	
12)	L3	Aroclor-1232 {2}	6.80	0.00	39	0	0.005	N.D.	#
13)	L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1232			39	0	0.005	N.D.	
		Average Aroclor-1232					0.005	0.000	
14)	L4	Aroclor-1242	8.24	0.00	46	0	0.001	N.D.	#
15)	L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.	
16)	L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1242			46	0	0.001	N.D.	
		Average Aroclor-1242					0.001	0.000	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	10.17	0.00	41	0	0.003	N.D.	#
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			41	0	0.003	N.D.	
		Average Aroclor-1248					0.003	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-70.D Vial: 19
Signal #2 : D:\HPCHEM\5\JL02\C575-70.D\CONFIRM.D
Acq On : 02 Jul 96 11:36 PM Operator: JS
Sample : VHB/ DE QAQC D1:F3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 10:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20)	L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.	
21)	L6 Aroclor-1254 {2}	0.00	15.69	0	14	N.D.	0.000	#
22)	L6 Aroclor-1254 {3}	0.00	17.54	0	23	N.D.	0.001	#
Total	Aroclor-1254			0	37	N.D.	0.001	
Average	Aroclor-1254					0.000	0.001	
23)	L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.	
24)	L7 Aroclor-1260 {2}	0.00	18.48	0	58	N.D.	0.002	#
25)	L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1260			0	58	N.D.	0.002	
Average	Aroclor-1260					0.000	0.002	
26)	L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27)	L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.	
28)	L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

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

Quantitation Report

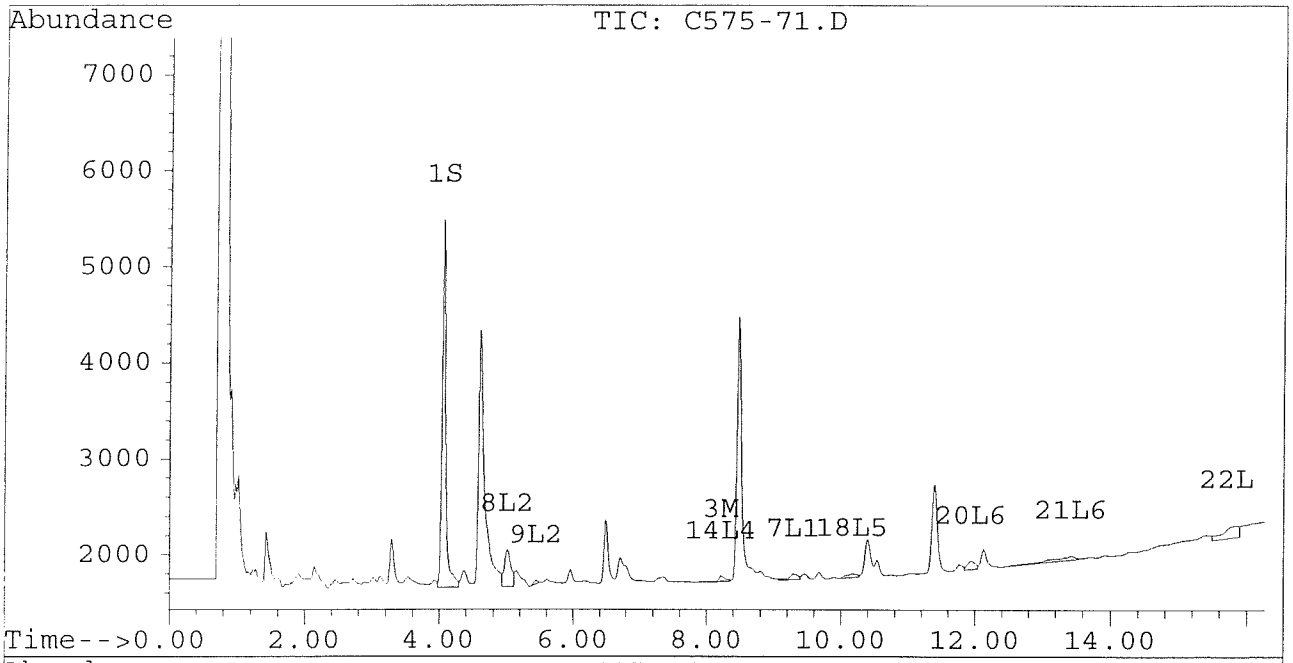
Signal #1 : D:\HPCHEM\5\JL02\C575-71.D
Signal #2 : D:\HPCHEM\5\JL02\C575-71.D\CONFIRM.D
Acq On : 03 Jul 96 00:11 AM
Sample : VHB/ DE QAQC V7:X9
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 11:01 1996

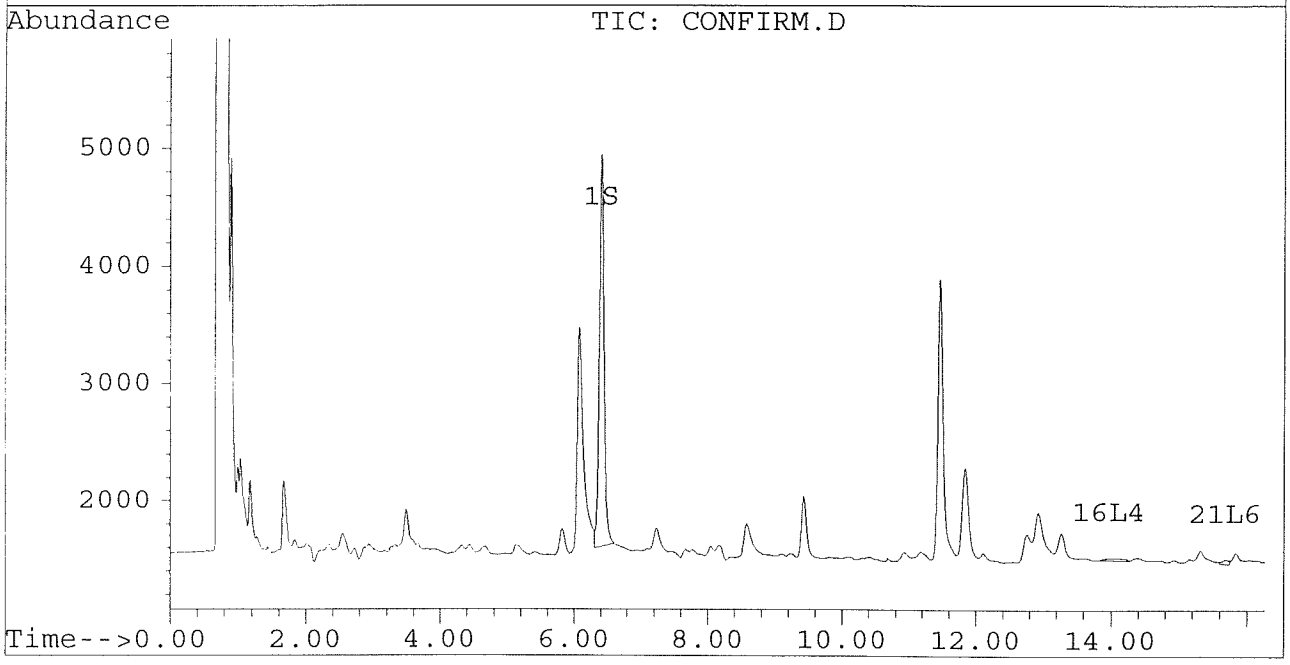
Vial: 20
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

PF 7/5/96

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-71.D
Signal #2 : D:\HPCHEM\5\JL02\C575-71.D\CONFIRM.D
Acq On : 03 Jul 96 00:11 AM
Sample : VHB/ DE QAQC V7:X9
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 11:01 1996

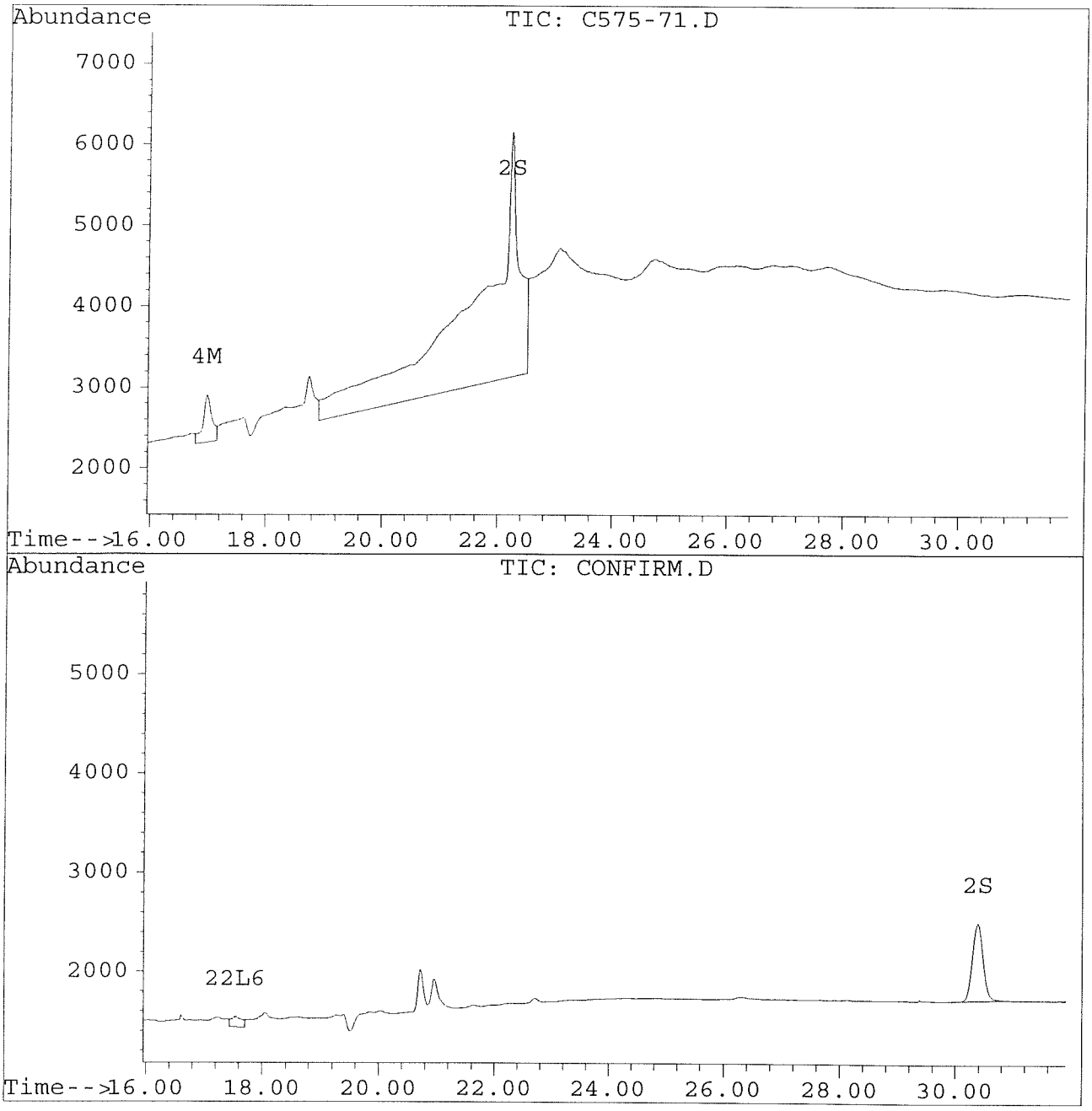
Vial: 20

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-71.D Vial: 20
Signal #2 : D:\HPCHEM\5\JL02\C575-71.D\CONFIRM.D
Acq On : 03 Jul 96 00:11 AM Operator: JS
Sample : VHB/ DE QAQC V7:X9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	3832	3330	0.017	0.018
				Recovery	=	42.50%	45.00%
2) S	Decachlorobiphenyl	22.23	30.38	3025	776	0.015	0.010 #
				Recovery	=	37.50%	25.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	0.00	57	0	0.001	N.D. #
4) M	2,2',3,3',4,4'-Hexa	16.98	0.00	584	0	0.006	N.D. #
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	9.29	0.00	62	0	0.003	N.D. #
Total	Aroclor-1016			62	0	0.003	N.D.
Average	Aroclor-1016					0.003	0.000
8) L2	Aroclor-1221	5.01f	0.00	392	0	0.081	N.D. #
9) L2	Aroclor-1221 {2}	5.45f	0.00	36	0	0.009	N.D. #
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			428	0	0.090	N.D.
Average	Aroclor-1221					0.045	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	8.22	0.00	57	0	0.002	N.D. #
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4	Aroclor-1242 {3}	0.00	13.98	0	19	N.D.	0.002 #
Total	Aroclor-1242			57	19	0.002	0.002
Average	Aroclor-1242					0.002	0.002
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	10.17	0.00	40	0	0.003	N.D. #
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			40	0	0.003	N.D.
Average	Aroclor-1248					0.003	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-71.D Vial: 20
Signal #2 : D:\HPCHEM\5\JL02\C575-71.D\CONFIRM.D
Acq On : 03 Jul 96 00:11 AM Operator: JS
Sample : VHB/ DE QAQC V7:X9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.94f	0.00	87	0	0.003	N.D. #
21) L6	Aroclor-1254 {2}	13.43	15.69	40	38	0.001	0.001
22) L6	Aroclor-1254 {3}	15.84	17.55	117	104	0.005	0.003 #
Total	Aroclor-1254			244	142	0.010	0.004
Average	Aroclor-1254					0.003	0.002
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	23.37f	0	17	N.D.	NoCal
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

Quantitation Report

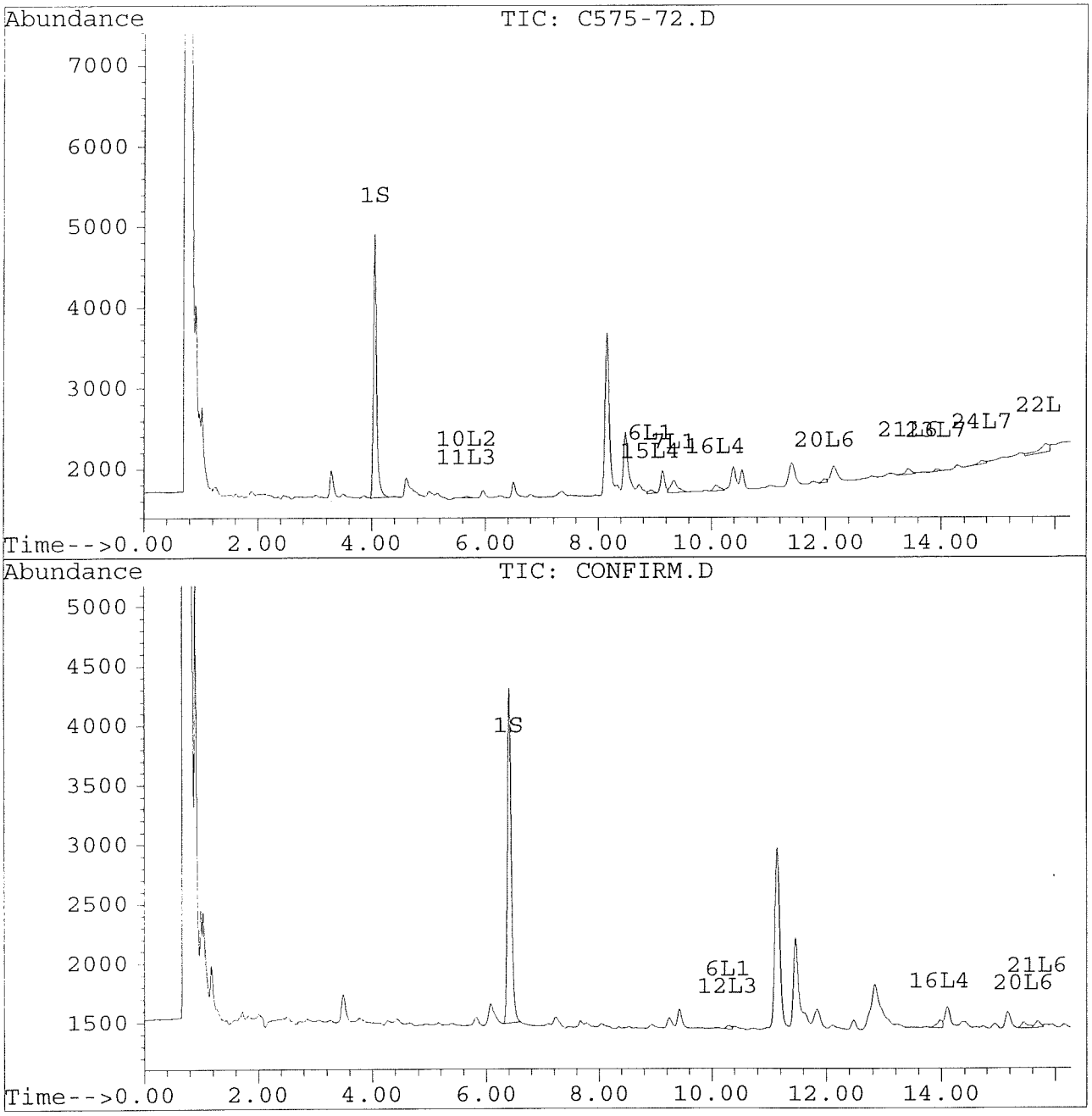
Signal #1 : D:\HPCHEM\5\JL02\C575-72.D
Signal #2 : D:\HPCHEM\5\JL02\C575-72.D\CONFIRM.D
Acq On : 03 Jul 96 00:47 AM
Sample : VHB/ DE QAQC P4:R6
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 11:13 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

DB 7/15/96

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



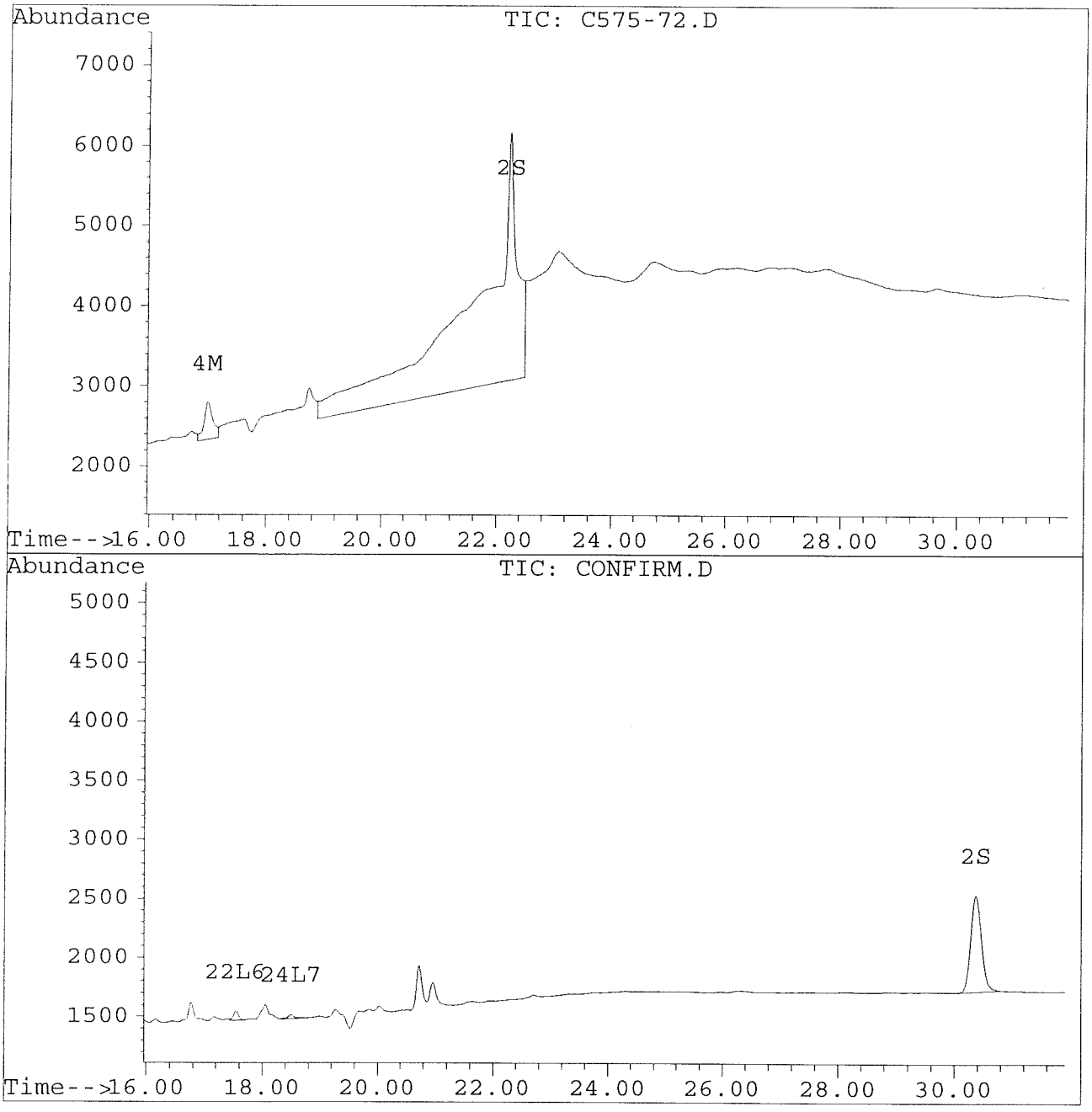
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-72.D
Signal #2 : D:\HPCHEM\5\JL02\C575-72.D\CONFIRM.D
Acq On : 03 Jul 96 00:47 AM
Sample : VHB/ DE QAQC P4:R6
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 11:13 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-72.D Vial: 21
Signal #2 : D:\HPCHEM\5\JL02\C575-72.D\CONFIRM.D
Acq On : 03 Jul 96 00:47 AM Operator: JS
Sample : VHB/ DE QAQC P4:R6 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	3266	2819	0.014	0.015
				Recovery	=	35.00%	37.50%
2) S	Decachlorobiphenyl	22.23	30.37	3093	812	0.015	0.010 #
				Recovery	=	37.50%	25.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M	2,2',3,3',4,4'-Hexa	16.99	0.00	464	0	0.005	N.D. #
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	8.93	10.30	42	30	0.003	0.001 #
7) L1	Aroclor-1016 {3}	9.34	0.00	151	0	0.006	N.D. #
Total	Aroclor-1016			193	30	0.009	0.001
Average	Aroclor-1016					0.004	0.001
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}	5.68	0.00	20	0	0.001	N.D. #
Total	Aroclor-1221			20	0	0.001	N.D.
Average	Aroclor-1221					0.001	0.000
11) L3	Aroclor-1232	5.68	0.00	20	0	0.002	N.D. #
12) L3	Aroclor-1232 {2}	0.00	10.30	0	30	N.D.	0.004 #
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			20	30	0.002	0.004
Average	Aroclor-1232					0.002	0.004
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4	Aroclor-1242 {2}	8.93	0.00	42	0	0.004	N.D. #
16) L4	Aroclor-1242 {3}	10.08	13.98	69	62	0.005	0.005
Total	Aroclor-1242			112	62	0.009	0.005
Average	Aroclor-1242					0.004	0.005
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-72.D Vial: 21
Signal #2 : D:\HPCHEM\5\JL02\C575-72.D\CONFIRM.D
Acq On : 03 Jul 96 00:47 AM Operator: JS
Sample : VHB/ DE QAQC P4:R6 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.99	15.45	48	49	0.002	0.002
21) L6	Aroclor-1254 {2}	13.43	15.69	72	57	0.002	0.002
22) L6	Aroclor-1254 {3}	15.84	17.55	102	76	0.004	0.002 #
Total	Aroclor-1254			222	183	0.008	0.006
Average	Aroclor-1254					0.003	0.002
23) L7	Aroclor-1260	13.93	0.00	29	0	0.001	N.D. #
24) L7	Aroclor-1260 {2}	14.72	18.50	40	30	0.001	0.001 #
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			69	30	0.002	0.001
Average	Aroclor-1260					0.001	0.001
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

Quantitation Report

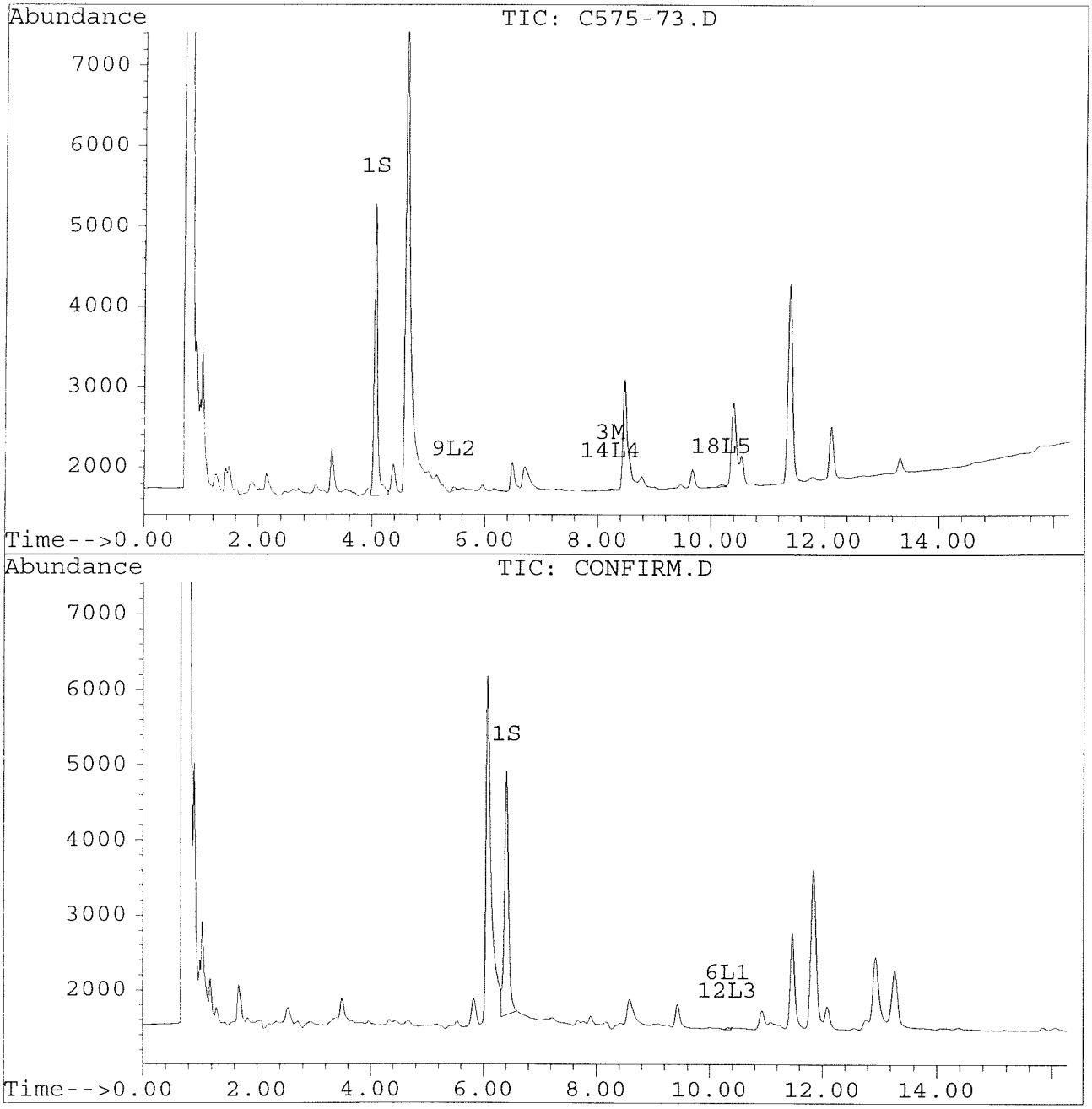
Signal #1 : D:\HPCHEM\5\JL02\C575-73.D
Signal #2 : D:\HPCHEM\5\JL02\C575-73.D\CONFIRM.D
Acq On : 03 Jul 96 01:22 AM
Sample : VHB/ DE QAQC C1:F3
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 11:02 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

DB 7/5/96

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

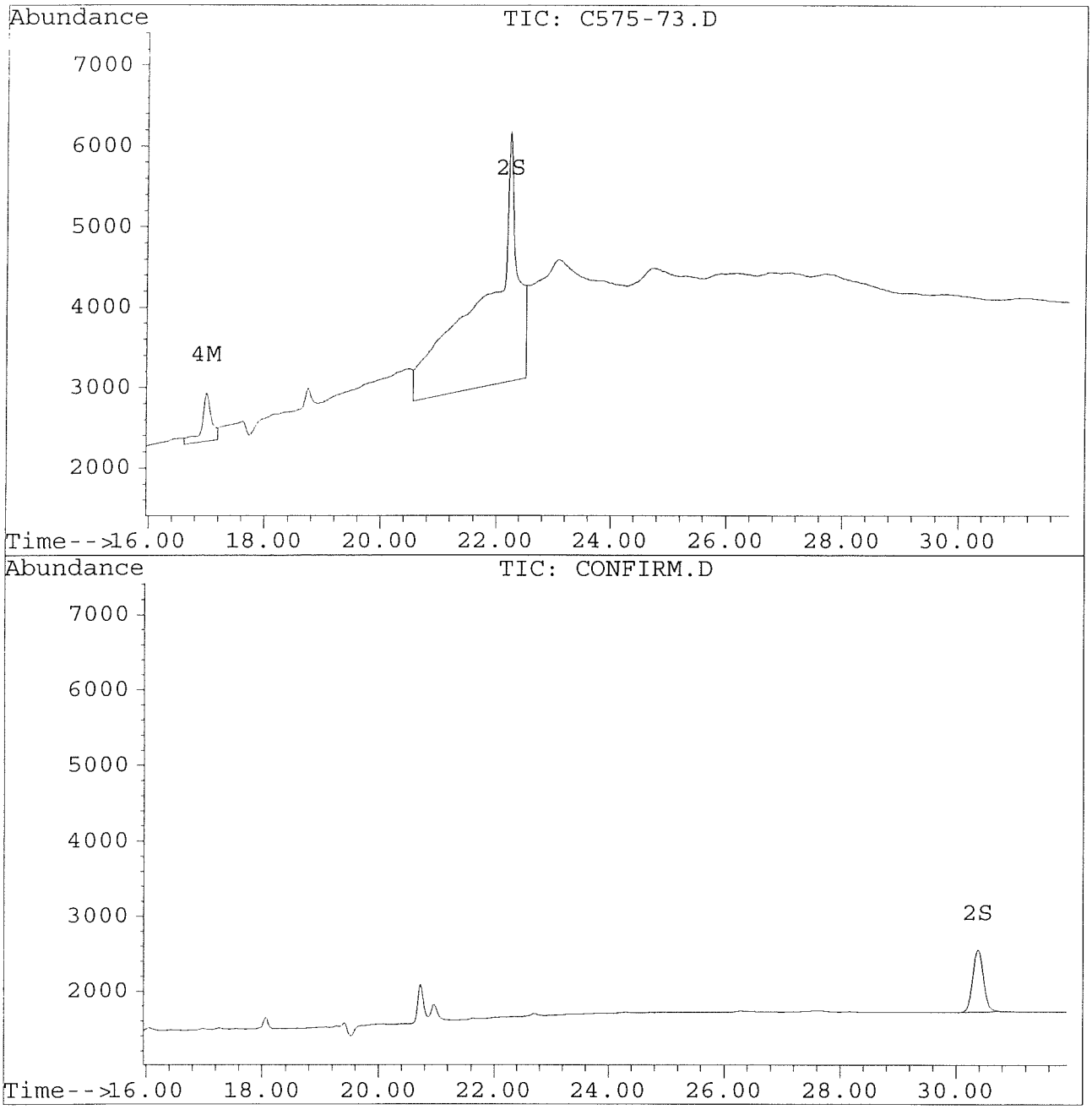


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-73.D Vial: 22
Signal #2 : D:\HPCHEM\5\JL02\C575-73.D\CONFIRM.D
Acq On : 03 Jul 96 01:22 AM Operator: JS
Sample : VHB/ DE QAQC C1:F3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-73.D Vial: 22
Signal #2 : D:\HPCHEM\5\JL02\C575-73.D\CONFIRM.D
Acq On : 03 Jul 96 01:22 AM Operator: JS
Sample : VHB/ DE QAQC C1:F3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.05	6.41	3625	3254	0.016	0.017	
					Recovery	=	40.00%	42.50%	85
2)	S	Decachlorobiphenyl	22.23	30.38	3097	830	0.015	0.010	#
					Recovery	=	37.50%	25.00%	32
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.24	0.00	18	0	0.000	N.D.	#
4)	M	2,2',3,3',4,4'-Hexa	16.99	0.00	598	0	0.006	N.D.	#
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.	
6)	L1	Aroclor-1016 {2}	0.00	10.32	0	25	N.D.	0.001	#
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1016			0	25	N.D.	0.001	
		Average Aroclor-1016					0.000	0.001	
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9)	L2	Aroclor-1221 {2}	5.45f	0.00	41	0	0.010	N.D.	#
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1221			41	0	0.010	N.D.	
		Average Aroclor-1221					0.010	0.000	
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.	
12)	L3	Aroclor-1232 {2}	0.00	10.32f	0	25	N.D.	0.003	#
13)	L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1232			0	25	N.D.	0.003	
		Average Aroclor-1232					0.000	0.003	
14)	L4	Aroclor-1242	8.24	0.00	18	0	0.000	N.D.	#
15)	L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.	
16)	L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1242			18	0	0.000	N.D.	
		Average Aroclor-1242					0.000	0.000	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	10.18	0.00	28	0	0.002	N.D.	#
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			28	0	0.002	N.D.	
		Average Aroclor-1248					0.002	0.000	

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-73.D Vial: 22
Signal #2 : D:\HPCHEM\5\JL02\C575-73.D\CONFIRM.D
Acq On : 03 Jul 96 01:22 AM Operator: JS
Sample : VHB/ DE QAQC C1:F3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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

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

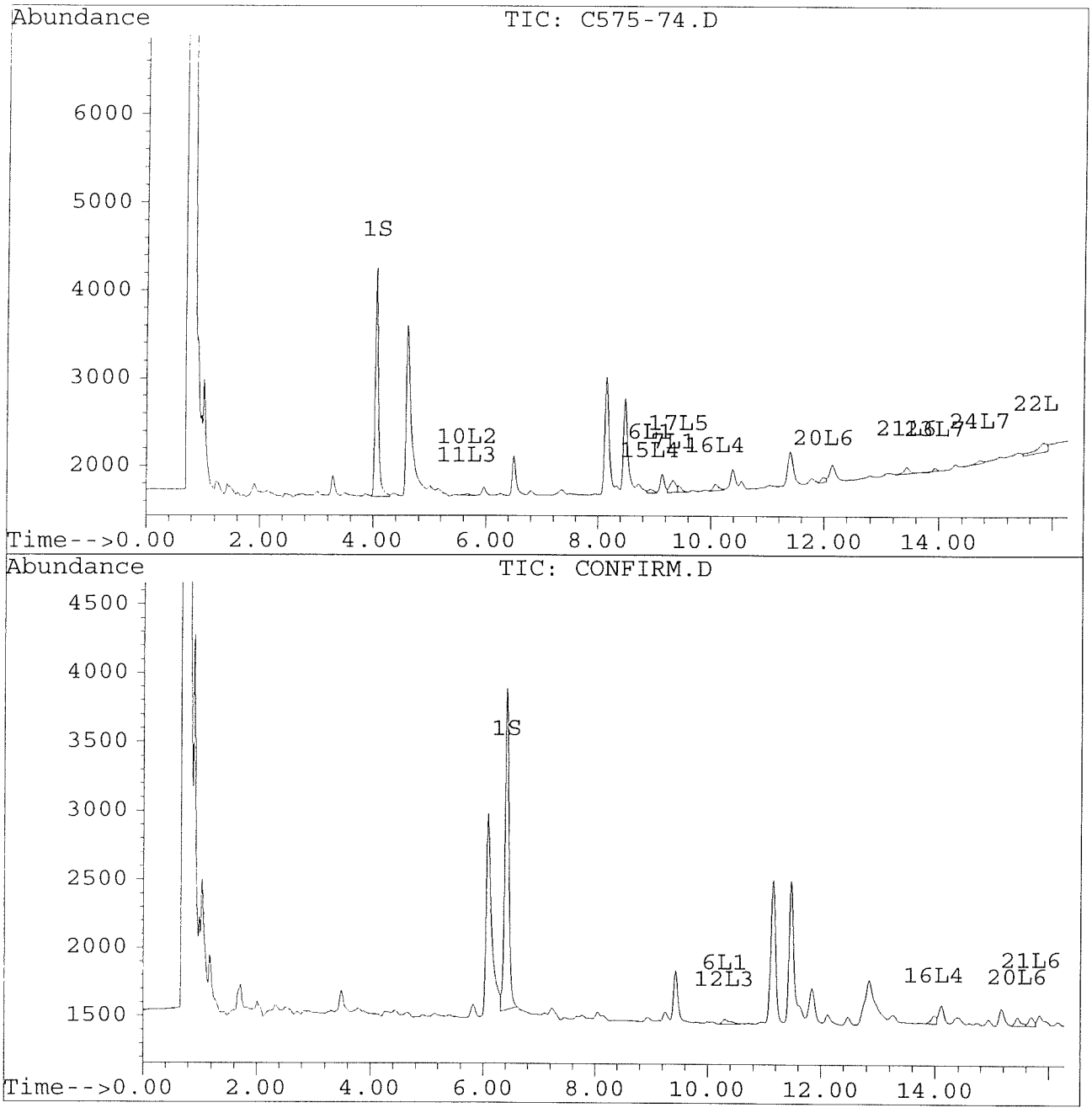
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-74.D
Signal #2 : D:\HPCHEM\5\JL02\C575-74.D\CONFIRM.D
Acq On : 03 Jul 96 01:58 AM
Sample : VHB/ DE QAQC J10:F12
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 11:14 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

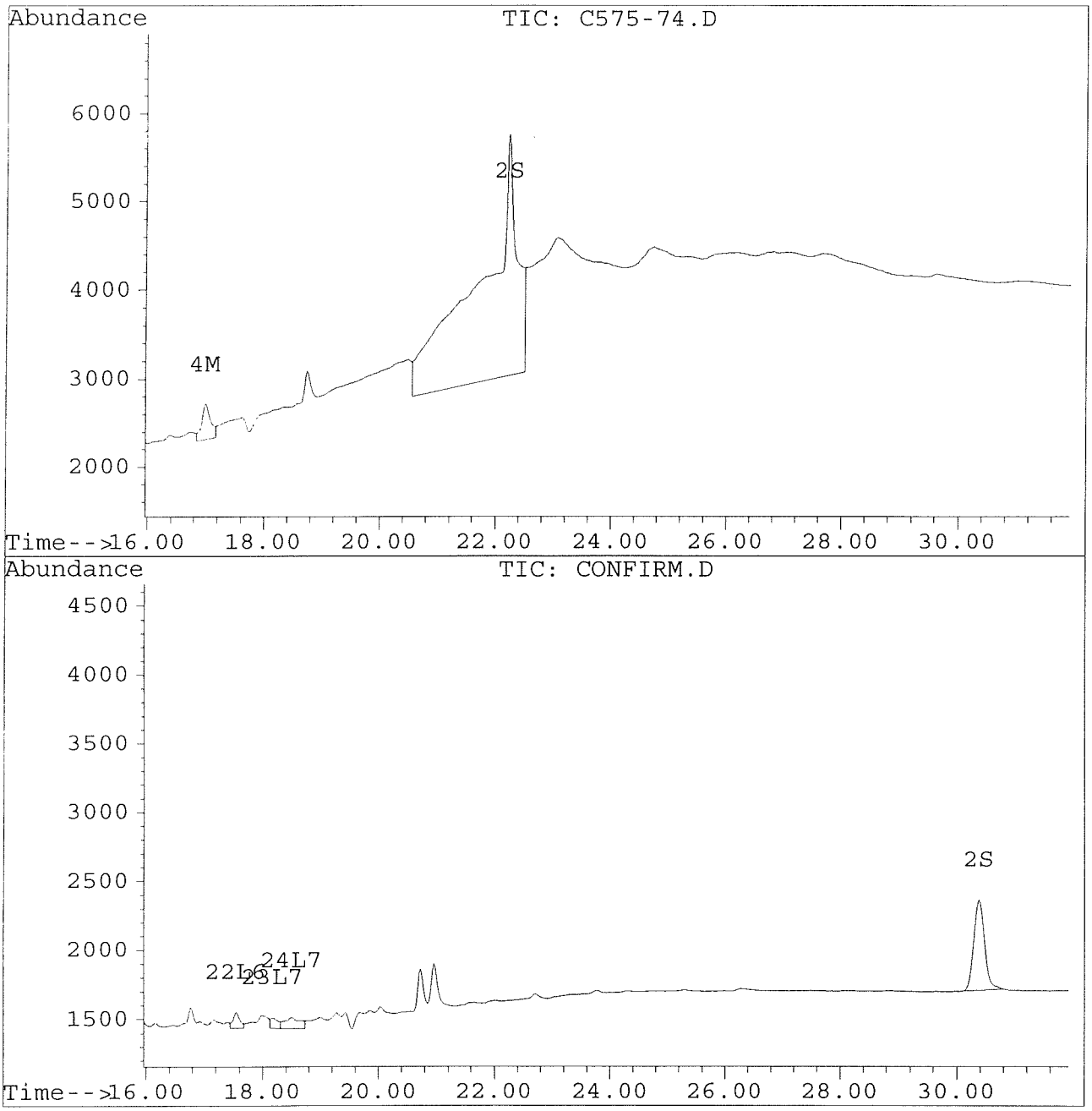


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-74.D Vial: 23
Signal #2 : D:\HPCHEM\5\JL02\C575-74.D\CONFIRM.D
Acq On : 03 Jul 96 01:58 AM Operator: JS
Sample : VHB/ DE QAQC J10:F12 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-74.D Vial: 23
Signal #2 : D:\HPCHEM\5\JL02\C575-74.D\CONFIRM.D
Acq On : 03 Jul 96 01:58 AM Operator: JS
Sample : VHB/ DE QAQC J10:F12 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	2592	2336	0.011	0.013
				Recovery	=	27.50%	32.50% 65
2) S	Decachlorobiphenyl	22.23	30.38	2727	654	0.013	0.008 #
				Recovery	=	32.50%	20.00% 40
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M	2,2',3,3',4,4'-Hexa	16.99	0.00	402	0	0.004	N.D. #
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	8.93	10.30	43	35	0.003	0.001 #
7) L1	Aroclor-1016 {3}	9.33	0.00	133	0	0.005	N.D. #
Total	Aroclor-1016			176	35	0.008	0.001
Average	Aroclor-1016					0.004	0.001
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}	5.67	0.00	16	0	0.001	N.D. #
Total	Aroclor-1221			16	0	0.001	N.D.
Average	Aroclor-1221					0.001	0.000
11) L3	Aroclor-1232	5.67	0.00	16	0	0.001	N.D. #
12) L3	Aroclor-1232 {2}	0.00	10.30	0	35	N.D.	0.005 #
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			16	35	0.001	0.005
Average	Aroclor-1232					0.001	0.005
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4	Aroclor-1242 {2}	8.93	0.00	43	0	0.004	N.D. #
16) L4	Aroclor-1242 {3}	10.08	13.98	68	60	0.005	0.005
Total	Aroclor-1242			111	60	0.009	0.005
Average	Aroclor-1242					0.004	0.005
17) L5	Aroclor-1248	9.43	0.00	69	0	0.004	N.D. #
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			69	0	0.004	N.D.
Average	Aroclor-1248					0.004	0.000

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

25(1)

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-74.D Vial: 23
Signal #2 : D:\HPCHEM\5\JL02\C575-74.D\CONFIRM.D
Acq On : 03 Jul 96 01:58 AM Operator: JS
Sample : VHB/ DE QAQC J10:F12 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	11.99	15.44	58	63	0.002	0.002	
21) L6	Aroclor-1254 {2}	13.43	15.69	74	67	0.002	0.002	
22) L6	Aroclor-1254 {3}	15.84	17.54	102	112	0.004	0.003	#
Total	Aroclor-1254			234	242	0.009	0.008	
Average	Aroclor-1254					0.003	0.003	
23) L7	Aroclor-1260	13.93	18.17	30	75	0.001	0.003	#
24) L7	Aroclor-1260 {2}	14.72	18.50	36	80	0.001	0.002	#
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1260			66	155	0.002	0.005	
Average	Aroclor-1260					0.001	0.002	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.	
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

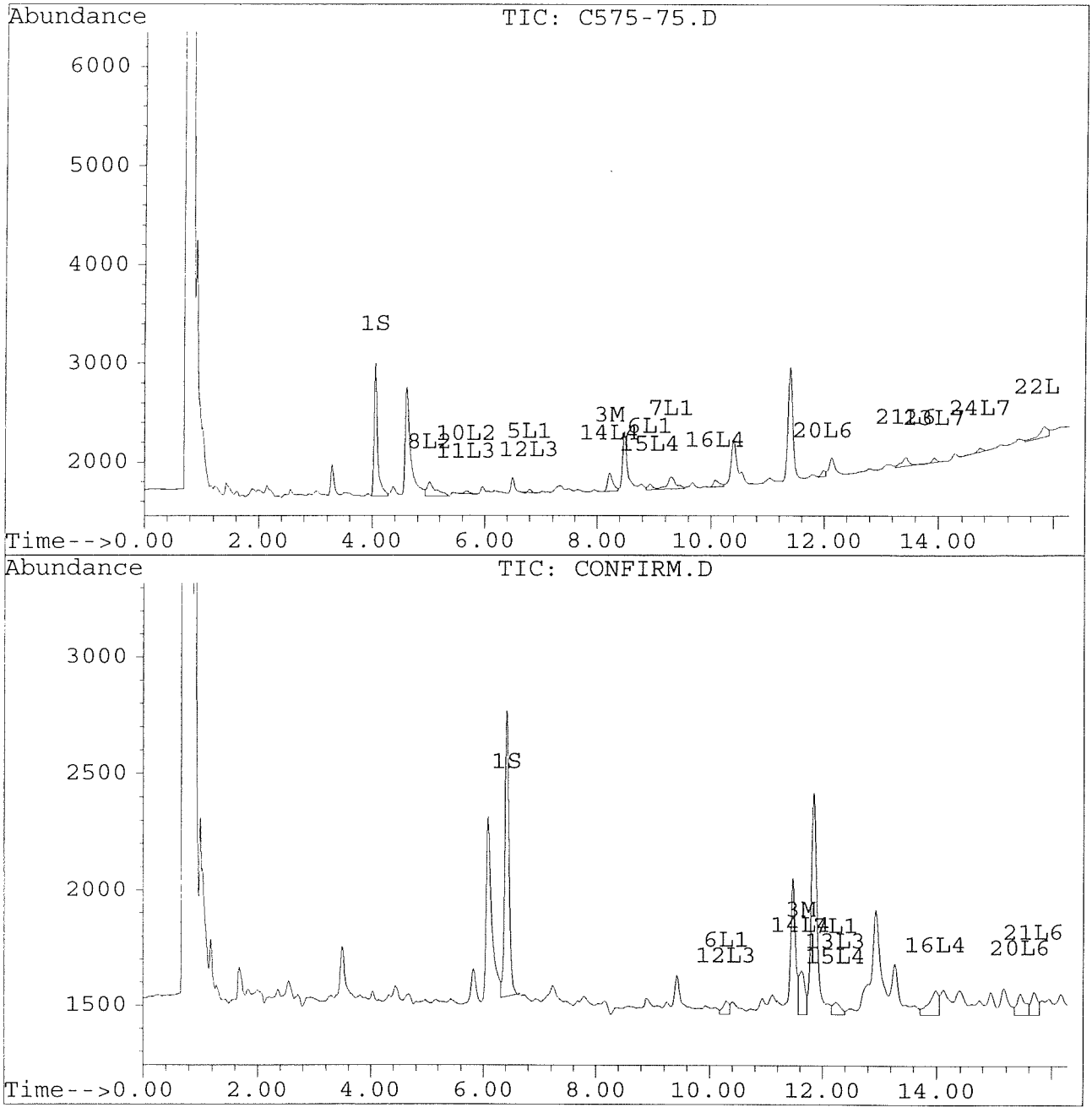
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-75.D Vial: 24
Signal #2 : D:\HPCHEM\5\JL02\C575-75.D\CONFIRM.D
Acq On : 03 Jul 96 02:33 AM Operator: JS
Sample : VHB/ SDE QAQC U2 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



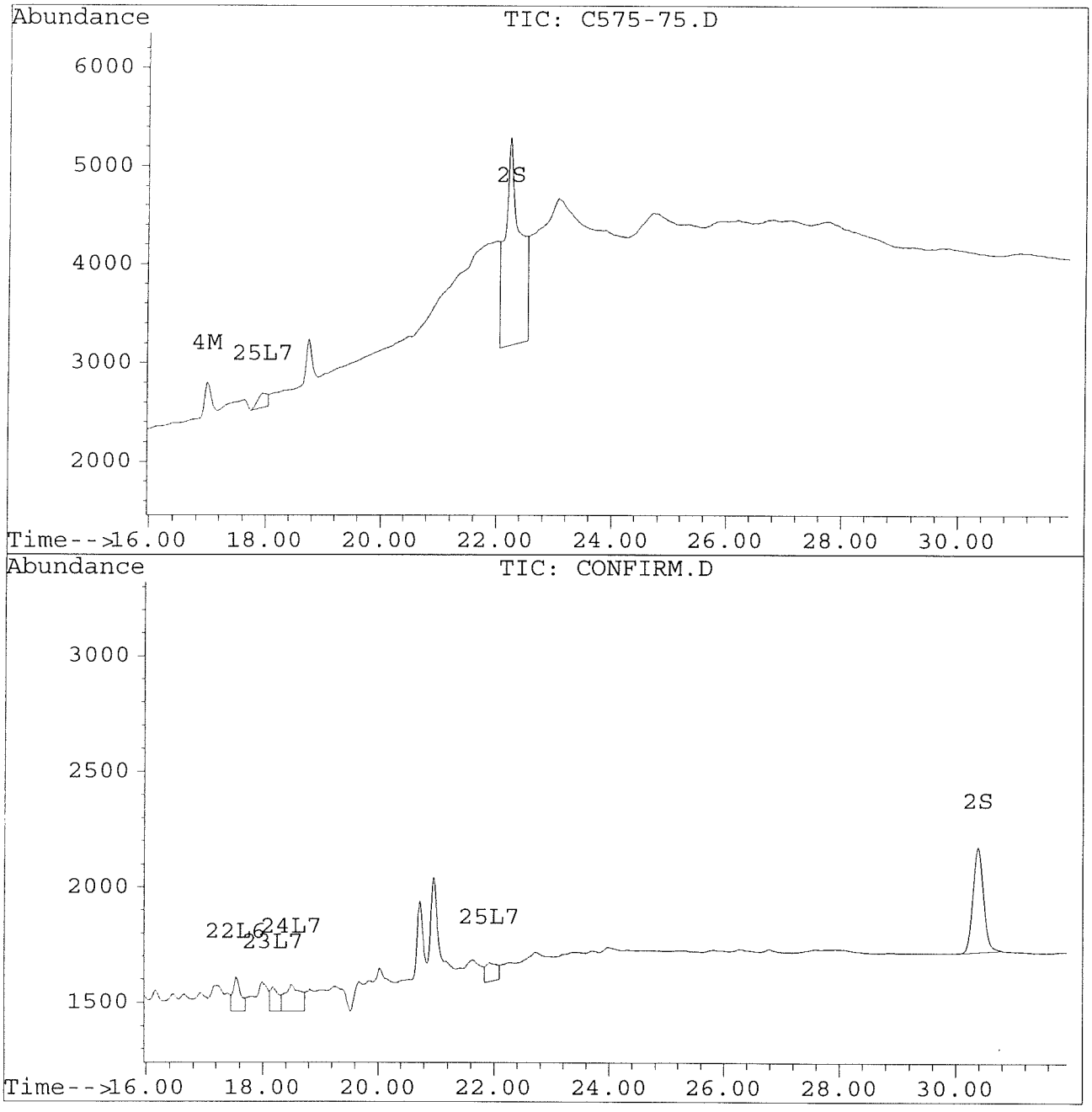
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-75.D
Signal #2 : D:\HPCHEM\5\JL02\C575-75.D\CONFIRM.D
Acq On : 03 Jul 96 02:33 AM
Sample : VHB/ SDE QAQC U2
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 11:03 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-75.D Vial: 24
Signal #2 : D:\HPCHEM\5\JL02\C575-75.D\CONFIRM.D
Acq On : 03 Jul 96 02:33 AM Operator: JS
Sample : VHB/ SDE QAQC U2 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	1348	1229	0.006	0.007
					Recovery	=	15.00%	17.50%
2)	S	Decachlorobiphenyl	22.23	30.38	2116	453	0.010	0.006 #
					Recovery	=	25.00%	15.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.62	186	190	0.002	0.002
4)	M	2,2',3,3',4,4'-Hexa	16.99	0.00	384	0	0.004	N.D. #
5)	L1	Aroclor-1016	6.80	0.00	36	0	0.001	N.D. #
6)	L1	Aroclor-1016 {2}	8.93	10.29	57	58	0.004	0.002 #
7)	L1	Aroclor-1016 {3}	9.30	12.23	121	54	0.005	0.003 #
		Total Aroclor-1016			214	112	0.010	0.005
		Average Aroclor-1016					0.003	0.003
8)	L2	Aroclor-1221	5.01f	0.00	146	0	0.030	N.D. #
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	5.68	0.00	28	0	0.002	N.D. #
		Total Aroclor-1221			174	0	0.032	N.D.
		Average Aroclor-1221					0.016	0.000
11)	L3	Aroclor-1232	5.68	0.00	28	0	0.002	N.D. #
12)	L3	Aroclor-1232 {2}	6.80	10.29	36	58	0.004	0.008 #
13)	L3	Aroclor-1232 {3}	0.00	12.23	0	54	N.D.	0.013 #
		Total Aroclor-1232			64	112	0.006	0.020
		Average Aroclor-1232					0.003	0.010
14)	L4	Aroclor-1242	8.22	11.62	186	190	0.005	0.007 #
15)	L4	Aroclor-1242 {2}	8.93	12.23	57	54	0.005	0.004
16)	L4	Aroclor-1242 {3}	10.08	13.98	67	104	0.005	0.008 #
		Total Aroclor-1242			310	348	0.015	0.019
		Average Aroclor-1242					0.005	0.006
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-75.D Vial: 24
Signal #2 : D:\HPCHEM\5\JL02\C575-75.D\CONFIRM.D
Acq On : 03 Jul 96 02:33 AM Operator: JS
Sample : VHB/ SDE QAQC U2 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	11.99	15.45	62	91	0.002	0.004	#
21) L6	Aroclor-1254 {2}	13.43	15.69	88	98	0.003	0.004	#
22) L6	Aroclor-1254 {3}	15.83	17.54	105	145	0.005	0.004	
Total	Aroclor-1254			255	334	0.010	0.011	
Average	Aroclor-1254					0.003	0.004	
23) L7	Aroclor-1260	13.92	18.18	40	101	0.001	0.003	#
24) L7	Aroclor-1260 {2}	14.72	18.50	38	112	0.001	0.003	#
25) L7	Aroclor-1260 {3}	17.95	21.92	143	81	0.004	0.002	#
Total	Aroclor-1260			222	294	0.006	0.008	
Average	Aroclor-1260					0.002	0.003	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.	
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-76.D
Signal #2 : D:\HPCHEM\5\JL02\C575-76.D\CONFIRM.D
Acq On : 03 Jul 96 03:09 AM
Sample : VHB/ SDE QAQC L4
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 11:15 1996

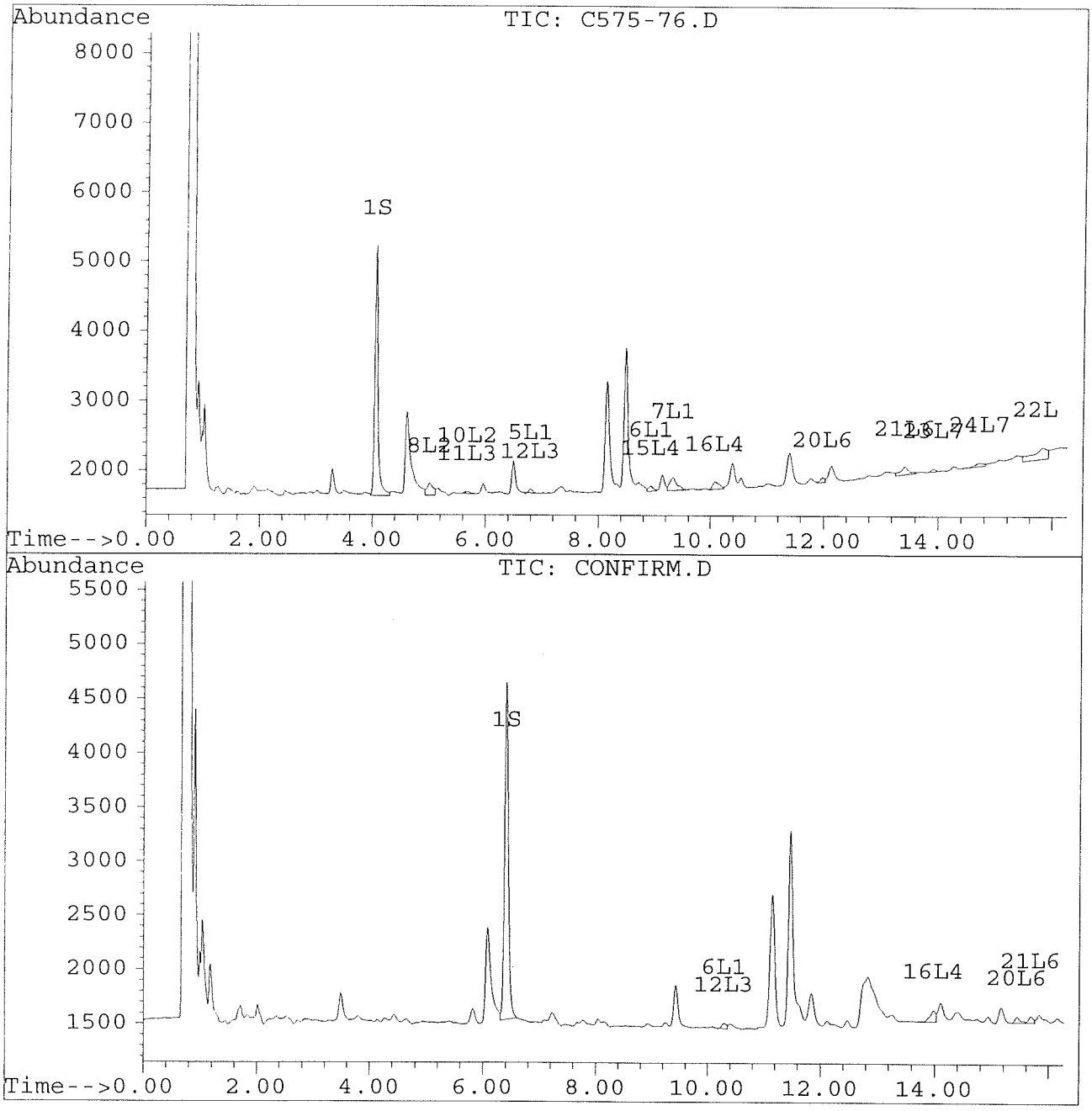
Vial: 25

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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

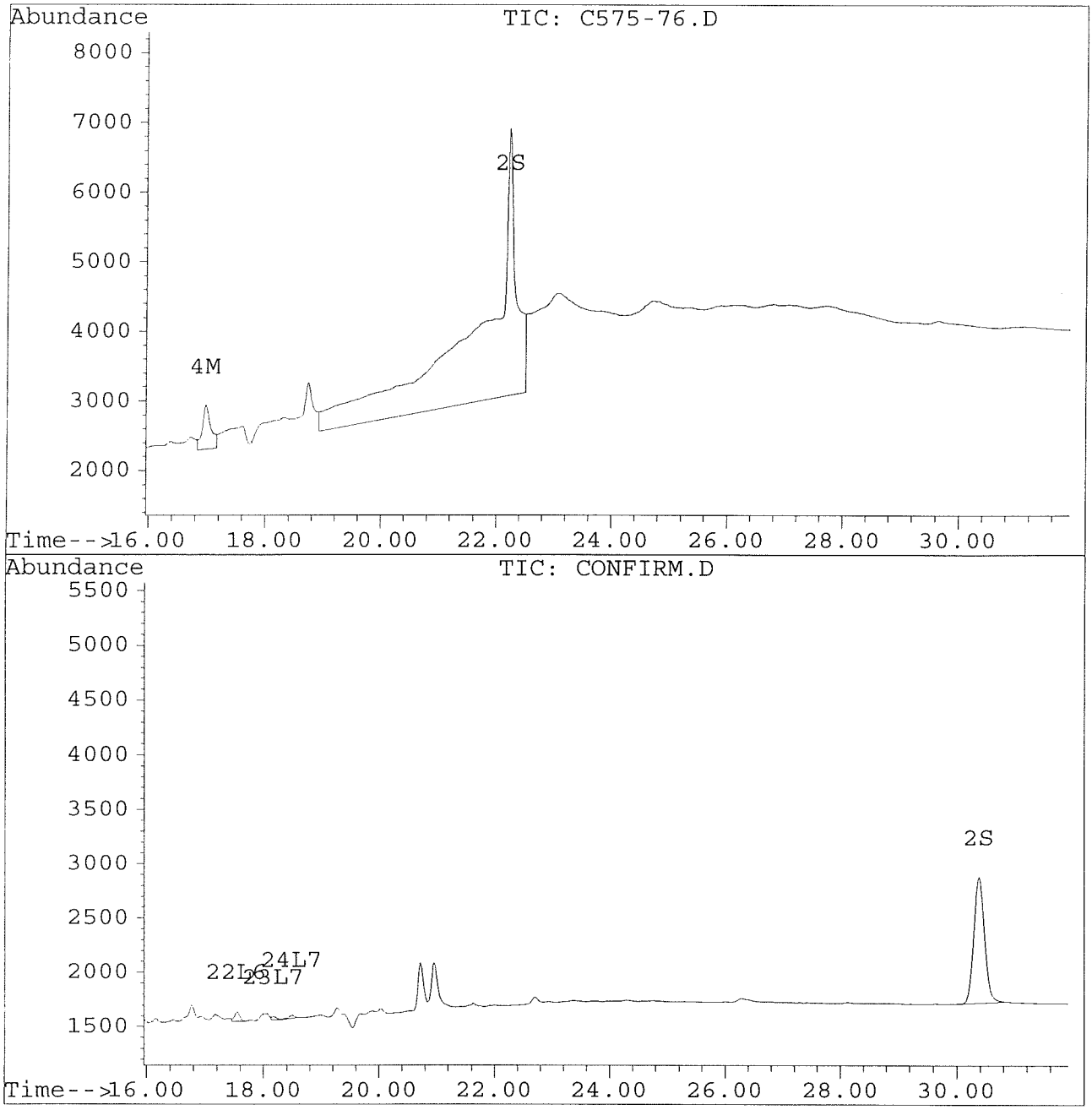


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-76.D Vial: 25
Signal #2 : D:\HPCHEM\5\JL02\C575-76.D\CONFIRM.D
Acq On : 03 Jul 96 03:09 AM Operator: JS
Sample : VHB/ SDE QAQC L4 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-76.D Vial: 25
Signal #2 : D:\HPCHEM\5\JL02\C575-76.D\CONFIRM.D
Acq On : 03 Jul 96 03:09 AM Operator: JS
Sample : VHB/ SDE QAQC L4 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	3595	3107	0.016	~~0.017~~
				Recovery	=	40.00%	~~42.50%~~ (85)
2) S	Decachlorobiphenyl	22.23	30.37	3834	1156	0.019	~~0.014~~ #
				Recovery	=	47.50%	~~35.00%~~ (70)
	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	16.98	0.00	639	0	0.007	N.D. #
5) L1	Aroclor-1016	6.80	0.00	57	0	0.002	N.D. #
6) L1	Aroclor-1016 {2}	8.93	10.30	73	50	0.005	0.002 #
7) L1	Aroclor-1016 {3}	9.33	0.00	185	0	0.008	N.D. #
Total	Aroclor-1016			315	50	0.014	0.002
Average	Aroclor-1016					0.005	0.002
8) L2	Aroclor-1221	5.01f	0.00	173	0	0.036	N.D. #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.68	0.00	28	0	0.002	N.D. #
Total	Aroclor-1221			202	0	0.038	N.D.
Average	Aroclor-1221					0.019	0.000
11) L3	Aroclor-1232	5.68	0.00	28	0	0.002	N.D. #
12) L3	Aroclor-1232 {2}	6.80	10.30	57	50	0.007	0.007
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			85	50	0.009	0.007
Average	Aroclor-1232					0.004	0.007
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4	Aroclor-1242 {2}	8.93	0.00	73	0	0.007	N.D. #
16) L4	Aroclor-1242 {3}	10.08	13.98	104	105	0.007	0.008
Total	Aroclor-1242			177	105	0.014	0.008
Average	Aroclor-1242					0.007	0.008
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C575-76.D Vial: 25
Signal #2 : D:\HPCHEM\5\JL02\C575-76.D\CONFIRM.D
Acq On : 03 Jul 96 03:09 AM Operator: JS
Sample : VHB/ SDE QAQC L4 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	11.98	15.44	64	55	0.002	0.002	
21) L6	Aroclor-1254 {2}	13.43	15.69	110	56	0.003	0.002	#
22) L6	Aroclor-1254 {3}	15.83	17.54	162	90	0.007	0.002	#
Total	Aroclor-1254			336	202	0.013	0.007	
Average	Aroclor-1254					0.004	0.002	
23) L7	Aroclor-1260	13.92	18.17	37	30	0.001	0.001	
24) L7	Aroclor-1260 {2}	14.72	18.50	52	28	0.002	0.001	#
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1260			88	58	0.003	0.002	
Average	Aroclor-1260					0.001	0.001	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.	
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

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

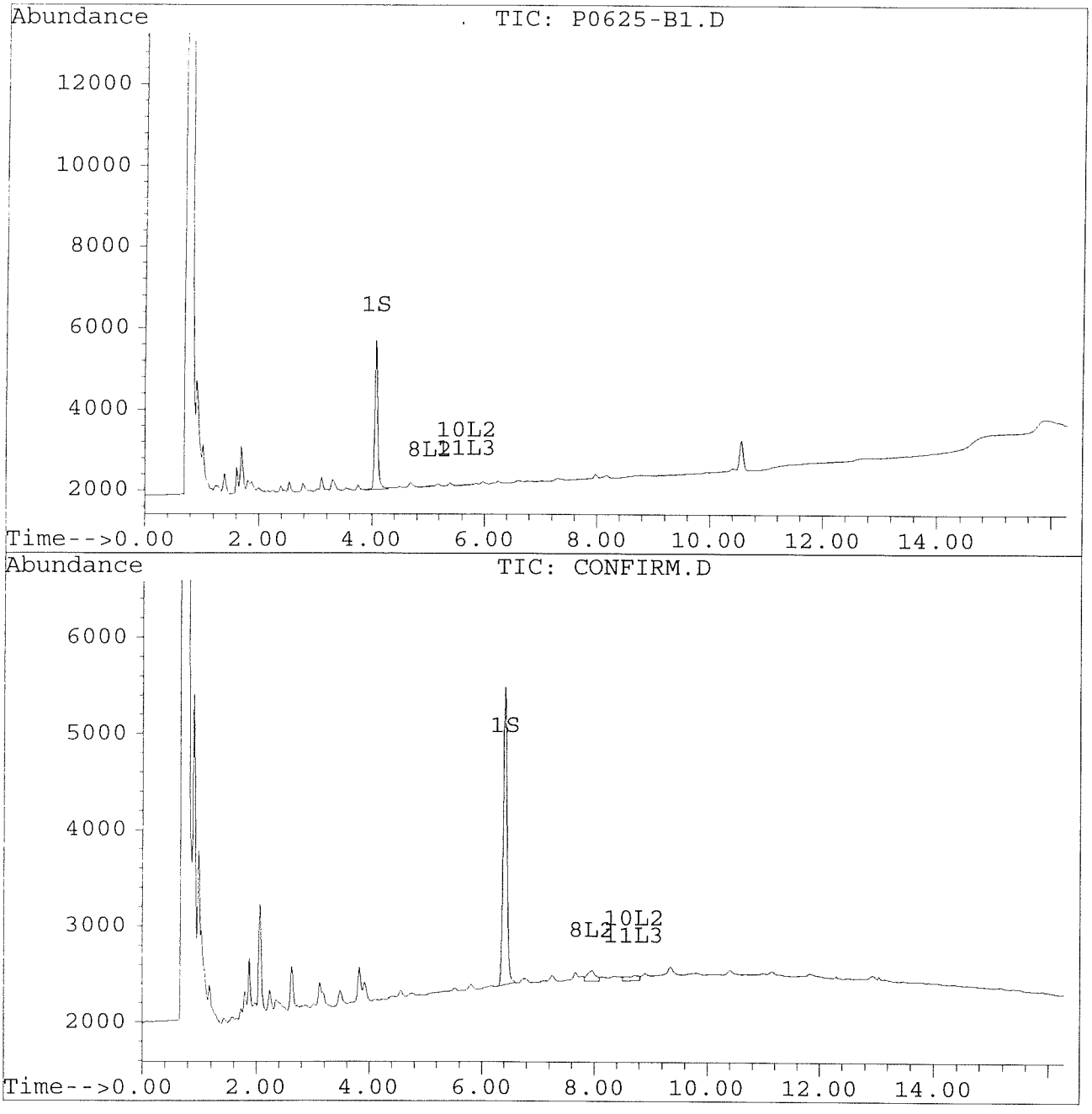
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0625-B1.D
Signal #2 : D:\HPCHEM\5\JL02\P0625-B1.D\CONFIRM.D
Acq On : 02 Jul 96 03:16 PM
Sample : AQUEOUS METHOD BLANK
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 5 11:05 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

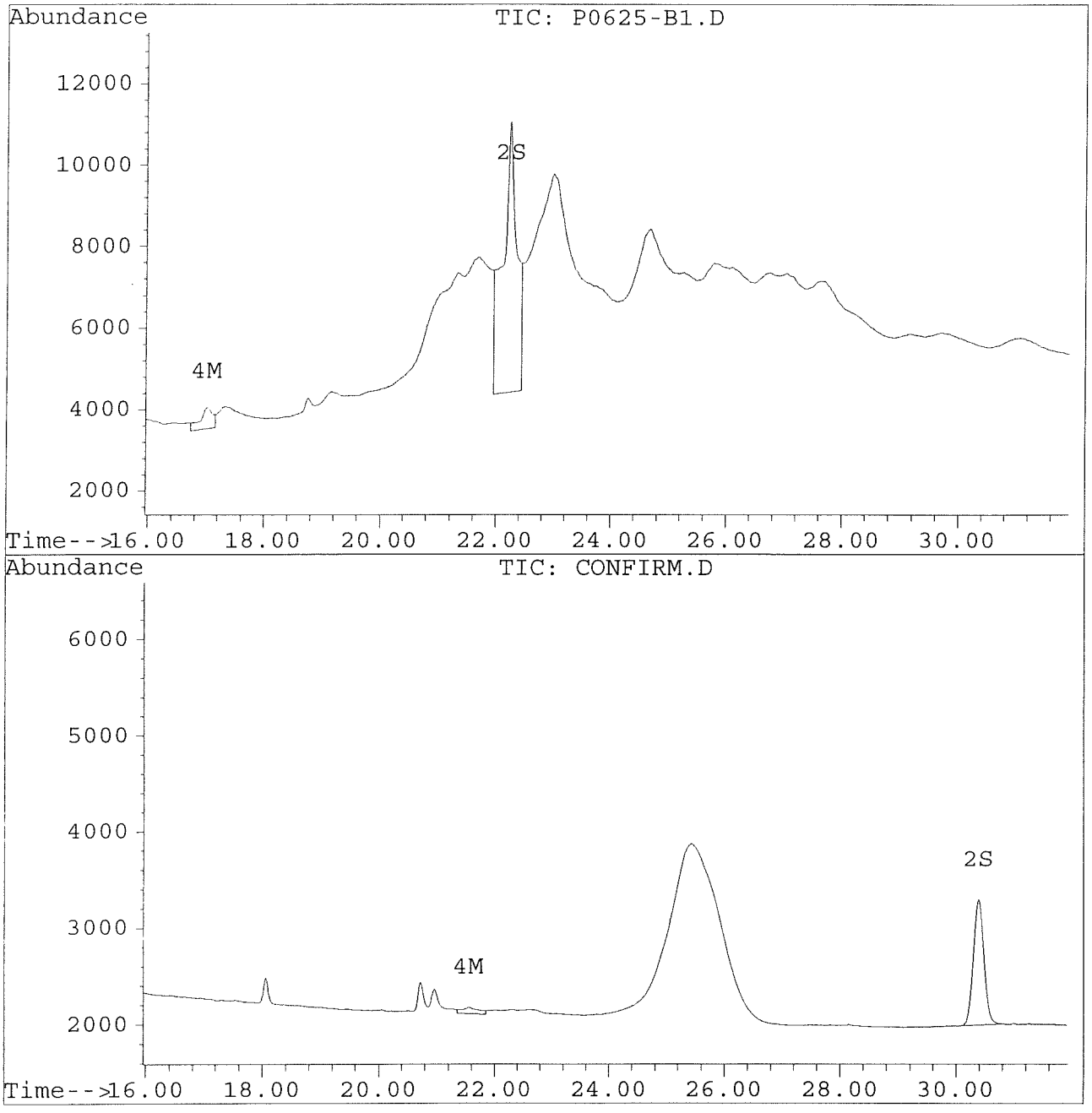


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0625-B1.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL02\P0625-B1.D\CONFIRM.D
Acq On : 02 Jul 96 03:16 PM Operator: JS
Sample : AQUEOUS METHOD BLANK Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0625-B1.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL02\P0625-B1.D\CONFIRM.D
Acq On : 02 Jul 96 03:16 PM Operator: JS
Sample : AQUEOUS METHOD BLANK Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.06	6.40	3660	3101	0.016	0.017	
				Recovery	=	40.00%	42.50%	8
2) S	Decachlorobiphenyl	22.24	30.39	6646	1300	0.033	0.016	#
				Recovery	=	82.50%	40.00%	8
	Target Compounds							
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.	
4) M	2,2',3,3',4,4'-Hexa	17.02	21.56	520	67	0.006	0.000	#
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.	
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.	
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1016			0	0	N.D.	N.D.	
Average	Aroclor-1016					0.000	0.000	
8) L2	Aroclor-1221	5.03	7.95	18	112	0.004	0.027	#
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10) L2	Aroclor-1221 {3}	5.68	8.70f	23	47	0.002	0.005	#
Total	Aroclor-1221			41	160	0.005	0.031	
Average	Aroclor-1221					0.003	0.016	
11) L3	Aroclor-1232	5.68	8.70f	23	47	0.002	0.005	#
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			23	47	0.002	0.005	
Average	Aroclor-1232					0.002	0.005	
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.	
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.	
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1242			0	0	N.D.	N.D.	
Average	Aroclor-1242					0.000	0.000	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0625-B1.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL02\P0625-B1.D\CONFIRM.D
Acq On : 02 Jul 96 03:16 PM Operator: JS
Sample : AQUEOUS METHOD BLANK Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

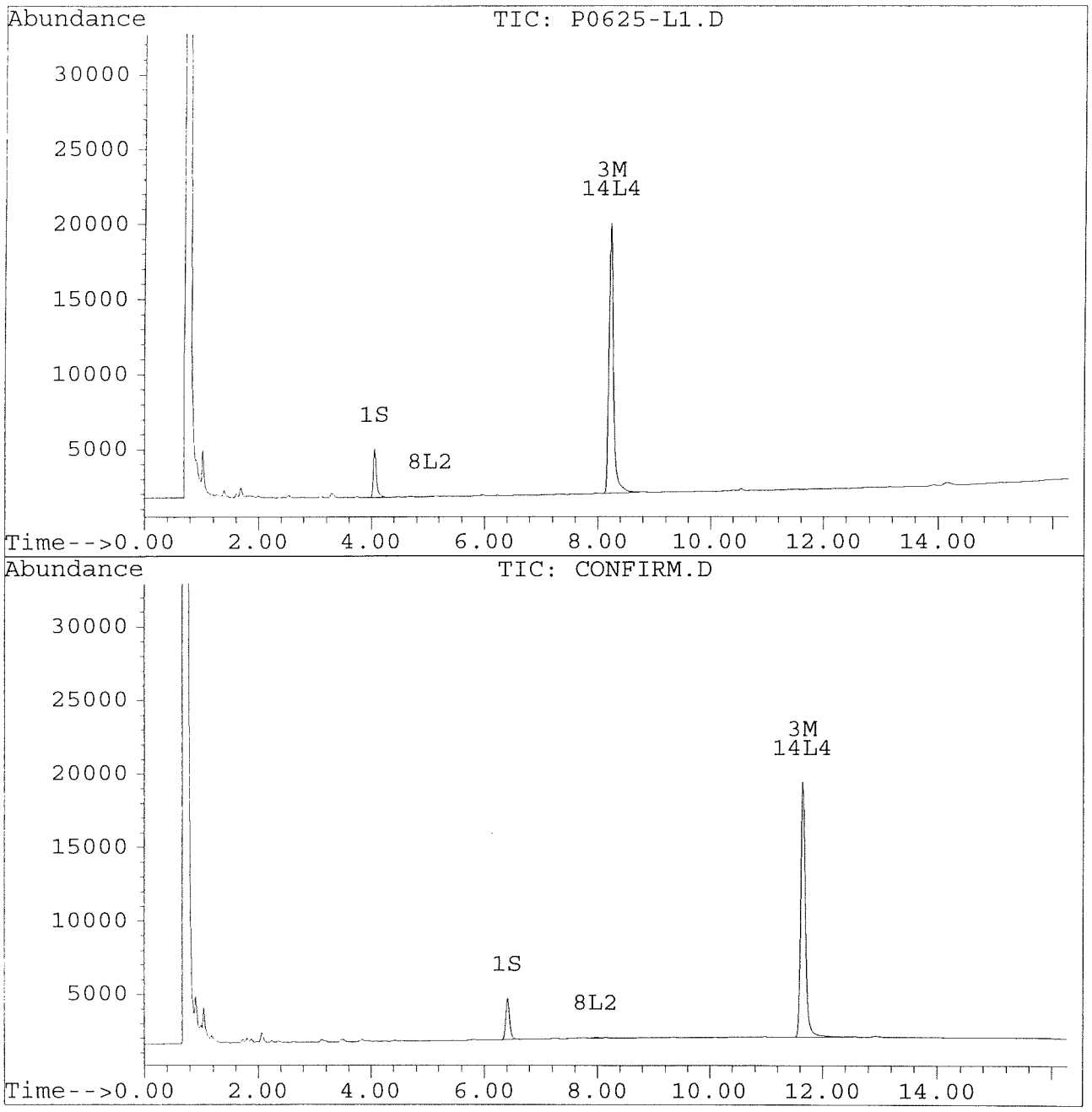
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0625-L1.D Vial: 6
Signal #2 : D:\HPCHEM\5\JL02\P0625-L1.D\CONFIRM.D
Acq On : 02 Jul 96 03:53 PM Operator: JS
Sample : AQUEOUS LAB CONTROL SAMPLE Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

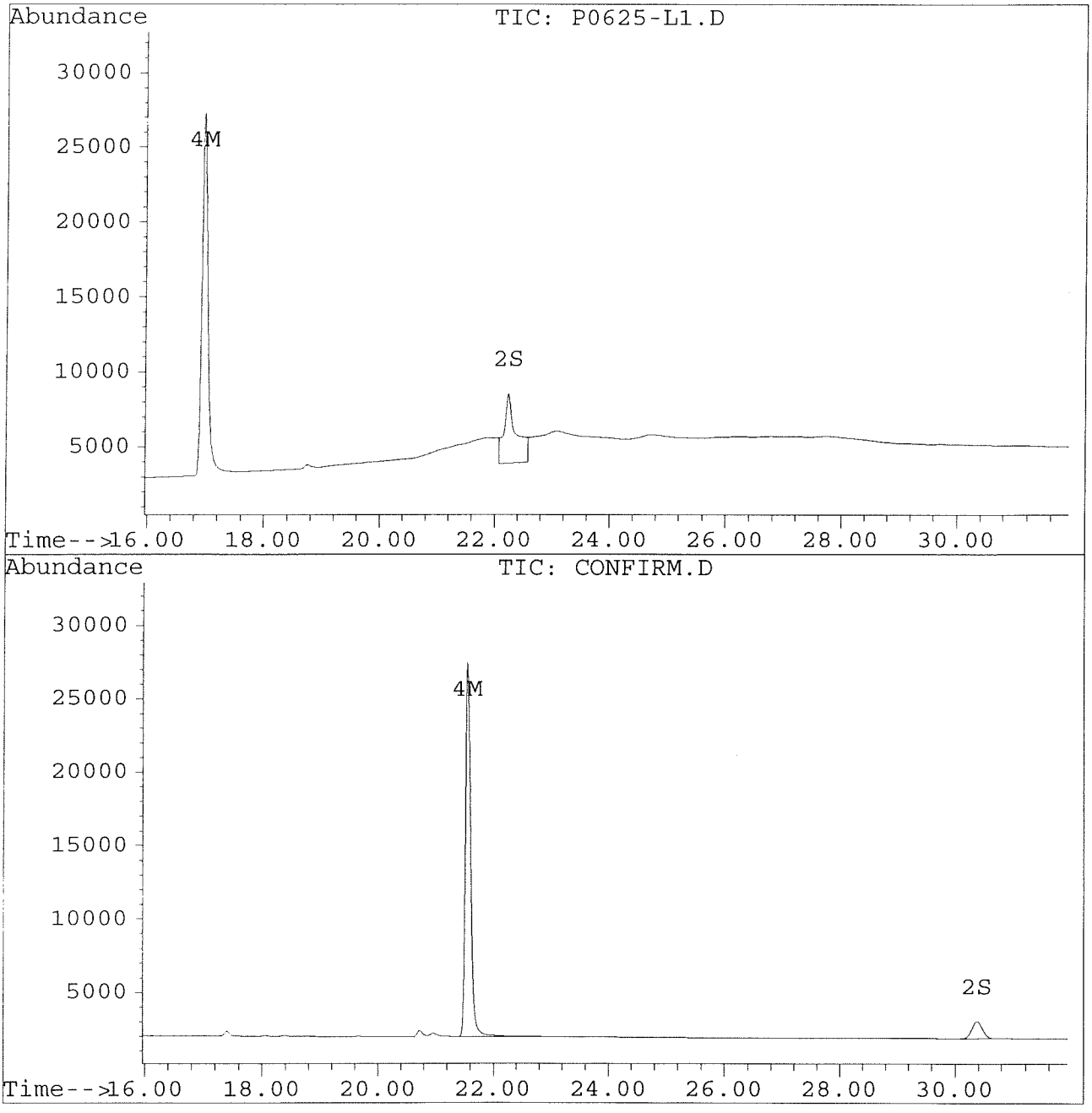


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0625-L1.D Vial: 6
Signal #2 : D:\HPCHEM\5\JL02\P0625-L1.D\CONFIRM.D
Acq On : 02 Jul 96 03:53 PM Operator: JS
Sample : AQUEOUS LAB CONTROL SAMPLE Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0625-L1.D Vial: 6
Signal #2 : D:\HPCHEM\5\JL02\P0625-L1.D\CONFIRM.D
Acq On : 02 Jul 96 03:53 PM Operator: JS
Sample : AQUEOUS LAB CONTROL SAMPLE Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.41	3231	2808	0.014	0.015	
				Recovery	=	35.00%	37.50%	75
2) S	Decachlorobiphenyl	22.24	30.38	4617	1171	0.023	0.014	#
				Recovery	=	57.50%	35.00%	70
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.64	18012	17324	0.177	0.171	84
4) M	2,2',3,3',4,4'-Hexa	16.96	21.55	24265	25469	0.263	0.189	#9
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	5.05	7.98	38	80	0.008	0.019	#
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1221			38	80	0.008	0.019	
Average	Aroclor-1221					0.008	0.019	
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.	
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.	
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1232			0	0	N.D.	N.D.	
Average	Aroclor-1232					0.000	0.000	
14) L4	Aroclor-1242	8.22	11.64	18012	17324	0.480	0.594	
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.	
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1242			18012	17324	0.480	0.594	
Average	Aroclor-1242					0.480	0.594	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\P0625-L1.D Vial: 6
Signal #2 : D:\HPCHEM\5\JL02\P0625-L1.D\CONFIRM.D
Acq On : 02 Jul 96 03:53 PM Operator: JS
Sample : AQUEOUS LAB CONTROL SAMPLE Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 5 11:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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

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

[redacted]

GPC Batch Number:
Florisil Lot Number:

[redacted] CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION :Pesticides/PCB

Date:	06-25-96	Analysis:	PCB			Sample Matrix:	AQ	Project #:	W575	
Blank ID:	PQ625-B1	Method:	Sep. Funnel			Analyst:	JSD	Client:		

Lab Sample ID	Client Sample ID	Weight/ Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments
PQ625-B1		1L	1ml PW960612A		—	—	6/29/96	10ml Hexane	7-1-96	90
-LCS1		1L		1ml PW960617A						93
PQ575-61		1L								
-62		1L								
-63		1L								
-64		1L								
-65		1L								
-66		1L	2ml PW960612A							—
-67		1L	1ml PW960612A							Emulsion: only ~140 ml collected
-68		1L								
-69		1L								
-70		1L								
-71		1L								
-672		1L								—
73		1L								
-74		1L								Lost 20ml + solvent + surrogate on 1st shake
-75		1L								Emulsion - only 120 ml of solvent returned.
-76		1L	↓		↓	↓	↓	↓	↓	

Witness for 1,4,7,2-76

Standard Chromatograms

- Initial Calibration

Standard Chromatograms

- Continuing Calibration

Sequence Name: C:\HPCHEM\5\SEQUENCE\JN27A.S
Comment:
Operator: JS
Data Path: D:\HPCHEM\5\JUN27A\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	PCB1	PCB1E	AR1660 5.0 UG/ML
2	Sample	2	PCB2	PCB1E	AR1660 2.5 UG/ML
3	Sample	3	PCB3	PCB1E	AR1660 1.0 UG/ML
4	Sample	4	PCB4	PCB1E	AR1660 0.5 UG/ML
5	Sample	5	PCB5	PCB1E	AR1660 0.1 UG/ML
6	Sample	6	PCB6	PCB1E	AR1254 5.0 UG/ML
7	Sample	7	PCB7	PCB1E	AR1254 2.5 UG/ML
8	Sample	8	PCB8	PCB1E	AR1254 1.0 UG/ML
9	Sample	9	PCB9	PCB1E	AR1254 0.5 UG/ML
10	Sample	10	PCB10	PCB1E	AR1254 0.1 UG/ML
11	Sample	11	PCB11	PCB1E	AR1242 5.0 UG/ML
12	Sample	12	PCB12	PCB1E	AR1242 2.5 UG/ML
13	Sample	13	PCB13	PCB1E	AR1242 1.0 UG/ML
14	Sample	14	PCB14	PCB1E	AR1242 0.5 UG/ML
15	Sample	15	PCB15	PCB1E	AR1242 0.1 UG/ML
16	Sample	16	P0620-B3	PCB1E	SOIL METHOD BLANK
17	Sample	17	P0620-L3	PCB1E	SOIL LAB CONTROL SAMPLE
18	Sample	18	C542-06	PCB1E	VHB/ C-E12
19	Sample	19	C542-07	PCB1E	VHB/ C-D12
20	Sample	20	C560-01	PCB1E	VHB/ BW09 PRIMARY
21	Sample	21	P0620-B2	PCB1E	AQUEOUS METHOD BLANK
22	Sample	22	P0620-L2	PCB1E	AQUEOUS LAB CONTROL SAMPLE
23	Sample	23	PS0628A	PCB1E	AR1660 1.0 UG/ML
24	Sample	24	PS0628B	PCB1E	AR1254 1.0 UG/ML
25	Sample	25	PS0628C	PCB1E	AR1242 1.0 UG/ML
26	Sample	26	C560-35	PCB1E	VHB / DE QAQC S1:U3
27	Sample	38	PS0630A	PCB1E	PCB COGENER 200 NG/ML
28	Sample	39	PS0630B	PCB1E	PCB COGENER 100 NG/ML
29	Sample	40	PS0630C	PCB1E	PCB COGENER 50 NG/ML
30	Sample	41	PS0630D	PCB1E	PCB COGENER 25 NG/ML
31	Sample	42	PS0630E	PCB1E	PCB COGENER 12.5 NG/ML
32	Sample	17	P0620L3A	PCB1E	SOIL LAB CONTROL SAMPLE
33	Sample	27	C560-36	PCB1E	VHB / DE QAQC V1:X3
34	Sample	28	C560-37	PCB1E	VHB / DE QAQC V7:X9
35	Sample	29	C560-38	PCB1E	VHB / SDE QAQC J7:L9
36	Sample	35	PS0628D	PCB1E	AR1660 1.0 UG/ML
37	Sample	36	PS0628E	PCB1E	AR1254 1.0 UG/ML
38	Sample	37	PS0628F	PCB1E	AR1242 1.0 UG/ML
39	Sample	30	C560-39	PCB1E	VHB / SDE QAQC U7:X9
40	Sample	31	C560-40	PCB1E	VHB / CDE QAQC V7:X9
41	Sample	32	C560-41	PCB1E	VHB / CDE QAQC V1:X3
42	Sample	33	C560-42	PCB1E	VHB / CDE QAQC P1:R3
43	Sample	34	C560-43	PCB1E	VHB / CDE QAQC J1:L3

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Last Modified: Wed Jul 10 14:04:38 1996

Sequence Name: C:\HPCHEM\5\SEQUENCE\JN27A.S

Line	Type	Vial	DataFile	Method	Sample Name
44	Sample	43	P0620-B1	PCB1E	SOIL METHOD BLANK
45	Sample	44	P0620-L1	PCB1E	SOIL LAB CONTROL SAMPLE
46	Sample	45	C560-04	PCB1E	VHB / BX07 DUPLICATE 1:3 DILUTION
47	Sample	46	C560-04M	PCB1E	VHB / BX07 DUPLICATE MS 1:3 DILUTION
48	Sample	47	C560-04D	PCB1E	VHB / BX07 DUPLICATE MSD 1:3 DILUTIO
49	Sample	48	PS0628G	PCB1E	AR1660 1.0 UG/ML
50	Sample	49	PS0628H	PCB1E	AR1254 1.0 UG/ML 560
51	Sample	50	PS0628I	PCB1E	AR1242 1.0 UG/ML
52	Sample	51	C560-07	PCB1E	VHB / PD01:F3 1:10 DILUTION
53	Sample	52	C560-10	PCB1E	VHB / PG1:I3 1:10 DILUTION
54	Sample	53	C560-11	PCB1E	VHB / DG1:I3 1:10 DILUTION
55	Sample	54	C560-13	PCB1E	VHB / PJ01:L03 1:10 DILUTION
56	Sample	55	C560-16	PCB1E	VHB / PM01:O03 1:10 DILUTION
57	Sample	56	C560-18	PCB1E	VHB / PP01:R03 1:20 DILUTION
58	Sample	57	C560-21	PCB1E	VHB / PS01:U03 1:20 DILUTION
59	Sample	58	C560-24	PCB1E	VHB / PV01:X03 1:10 DILUTION
60	Sample	59	C560-26	PCB1E	VHB / PJ7:L9 1:20 DILUTION
61	Sample	60	C560-29	PCB1E	VHB / PS7:U9 1:10 DILUTION
62	Sample	61	PS0628J	PCB1E	AR1660 1.0 UG/ML
63	Sample	62	PS0628K	PCB1E	AR1254 1.0 UG/ML 560
64	Sample	63	PS0628L	PCB1E	AR1242 1.0 UG/ML
65	Sample	64	C560-32	PCB1E	VHB / PV07:X09 1:2 DILUTION
66	Sample	65	C560-33	PCB1E	VHB / DV07:X09
67	Sample	66	C560-47	PCB1E	VHB / PG7:I9 1:5 DILUTION
68	Sample	67	C560-44	PCB1E	VHB / PP07:R09 1:3 DILUTION
69	Sample	68	PS0628M	PCB1E	AR1660 1.0 UG/ML
70	Sample	69	PS0628N	PCB1E	AR1254 1.0 UG/ML 560
71	Sample	70	PS0628O	PCB1E	AR1242 1.0 UG/ML

Response Factor Report ECD1

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL AR1660, AR1254, AR1242,
Last Update : Fri Jun 28 13:24:25 1996
Response via : Initial Calibration

Tetrachloro-m-xylene
Decachlorobiphenyl
2,4,4' Trichlorobiphenyl
2,2',3,3',4,4' Hexachlorobiphenyl

Calibration Files
0.5 =PCB4.D 0.1 =PCB5.D 1.0 =PCB3.D
2.5 =PCB2.D 5.0 =PCB1.D

		Compound	0.5	0.1	1.0	2.5	5.0	Avg		%RSD
1)	S	Tetrachloro-m-xylene	209.1	187.0	225.2	257.5	257.9	227.3	E3	13.58
2)	S	Decachlorobiphenyl	197.5	267.3	186.5	177.8	185.2	202.8	E3	18.09
3)	M	2,4,4'-Trichlorobiphe	89.4	103.0	102.7	102.5	111.4	101.8	E3	7.75
4)	M	2,2',3,3',4,4'-Hexach	79.1	80.4	84.1	99.1	118.5	92.2	E3	18.11
5)	L1	Aroclor-1016	33.2	36.0	31.2	27.9	24.5	30.6	E3	14.67
6)	L1	Aroclor-1016 {2}	14.7	13.7	15.3	15.9	15.7	15.0	E3	5.78
7)	L1	Aroclor-1016 {3}	25.5	26.7	25.2	23.6	21.5	24.5	E3	8.16
8)	L2	Aroclor-1221	4.1	5.2	5.0	5.1	4.9	4.8	E3	9.76
9)	L2	Aroclor-1221 {2}	3.5	4.5	4.3	4.2	3.8	4.1	E3	9.19
10)	L2	Aroclor-1221 {3}	12.5	16.1	14.7	13.7	12.4	13.9	E3	11.30
11)	L3	Aroclor-1232	11.9	14.3	12.2	11.4	10.3	12.0	E3	12.29
12)	L3	Aroclor-1232 {2}	8.6	10.2	8.8	8.3	7.7	8.7	E3	10.87
13)	L3	Aroclor-1232 {3}	5.8	5.7	5.3	5.2	5.0	5.3	E3	5.41
14)	L4	Aroclor-1242	39.2	37.8	38.8	37.1	34.8	37.6	E3	4.65
15)	L4	Aroclor-1242 {2}	11.0	10.7	11.1	11.3	11.3	11.1	E3	2.26
16)	L4	Aroclor-1242 {3}	15.0	14.7	14.9	14.8	14.0	14.6	E3	2.75
17)	L5	Aroclor-1248	20.6	22.0	19.8	18.5	16.5	19.0	E3	12.90
18)	L5	Aroclor-1248 {2}	16.7	17.1	16.3	14.4	14.8	15.9	E3	7.41
19)	L5	Aroclor-1248 {3}	21.6	22.6	21.2	18.9	19.4	20.7	E3	7.59
20)	L6	Aroclor-1254	27.9	28.0	27.4	26.2	24.2	26.7	E3	5.98
21)	L6	Aroclor-1254 {2}	32.3	28.4	34.4	35.8	34.5	33.1	E3	8.73
22)	L6	Aroclor-1254 {3}	22.2	18.6	23.6	25.9	25.4	23.1	E3	12.80
23)	L7	Aroclor-1260	28.9	30.2	29.3	28.1	26.6	28.6	E3	4.83
24)	L7	Aroclor-1260 {2}	29.8	30.0	31.6	31.3	30.7	30.7	E3	2.58
25)	L7	Aroclor-1260 {3}	34.2	31.6	38.8	41.5	44.2	38.1	E3	13.58
26)	L8	Aroclor-1268	0.0	0.0	0.0	0.0	0.0	0.0		1.00
27)	L8	Aroclor-1268 {2}	0.0	0.0	0.0	0.0	0.0	0.0		1.00
28)	L8	Aroclor-1268 {3}	0.0	0.0	0.0	0.0	0.0	0.0		1.00

Signal #2 Calibration Files
0.5 =CONFIRM.D 0.1 =CONFIRM.D 1.0 =CONFIRM.D
2.5 =CONFIRM.D 5.0 =CONFIRM.D

		Compound	0.5	0.1	1.0	2.5	5.0	Avg		%RSD
1)	S	Tetrachloro-m-xylene	171.6	164.8	181.6	204.0	211.9	186.8	E3	10.92
2)	S	Decachlorobiphenyl	77.1	82.6	80.2	80.1	88.6	81.7	E3	5.27
3)	M	2,4,4'-Trichlorobiphe	96.1	104.0	100.8	100.7	105.2	101.3	E3	3.51
4)	M	2,2',3,3',4,4'-Hexach	121.0	133.3	130.1	139.2	148.5	134.4	E3	7.63
5)	L1	Aroclor-1016	14.1	15.2	13.4	12.2	10.9	13.2	E3	12.40
6)	L1	Aroclor-1016 {2}	29.0	32.9	27.2	24.0	21.1	26.8	E3	16.91
7)	L1	Aroclor-1016 {3}	17.0	17.7	16.9	16.3	15.2	16.6	E3	5.52
8)	L2	Aroclor-1221	3.6	4.6	4.4	4.3	4.0	4.2	E3	8.87
9)	L2	Aroclor-1221 {2}	3.0	3.8	3.6	3.4	3.1	3.4	E3	9.56
10)	L2	Aroclor-1221 {3}	9.5	12.2	10.9	9.9	8.9	10.3	E3	12.70

(#) = Out of Range

Response Factor Report ECD1

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Initial Calibration

Calibration Files
0.5 =CONFIRM.D 0.1 =CONFIRM.D 1.0 =CONFIRM.D
2.5 =CONFIRM.D 5.0 =CONFIRM.D

		Compound	0.5	0.1	1.0	2.5	5.0	Avg		%RSD
11)	L3	Aroclor-1232	9.2	11.1	9.2	8.4	7.5	9.1	E3	14.67
12)	L3	Aroclor-1232 {2}	7.5	9.1	7.5	6.9	6.3	7.5	E3	14.65
13)	L3	Aroclor-1232 {3}	4.1	4.9	4.4	4.1	3.9	4.3	E3	8.74
14)	L4	Aroclor-1242	30.1	30.4	29.6	28.9	26.8	29.2	E3	4.95
15)	L4	Aroclor-1242 {2}	13.1	13.5	12.7	12.2	11.5	12.6	E3	6.27
16)	L4	Aroclor-1242 {3}	13.0	13.5	12.6	12.1	11.3	12.5	E3	6.73
17)	L5	Aroclor-1248	13.6	15.0	13.1	11.1	11.0	12.8	E3	13.31
18)	L5	Aroclor-1248 {2}	13.8	14.8	13.3	11.5	11.7	13.0	E3	10.05
19)	L5	Aroclor-1248 {3}	10.6	11.1	10.3	9.1	9.7	10.2	E3	7.56
20)	L6	Aroclor-1254	27.1	29.4	26.1	24.0	22.3	25.8	E3	10.67
21)	L6	Aroclor-1254 {2}	29.1	31.7	28.5	25.7	23.8	27.7	E3	11.01
22)	L6	Aroclor-1254 {3}	37.7	37.7	38.9	38.0	34.6	37.4	E3	4.31
23)	L7	Aroclor-1260	31.0	34.1	30.6	28.1	26.3	30.0	E3	9.96
24)	L7	Aroclor-1260 {2}	33.4	36.5	33.7	31.4	29.8	33.0	E3	7.68
25)	L7	Aroclor-1260 {3}	44.5	45.6	47.9	47.9	47.4	46.7	E3	3.27
26)	L8	Aroclor-1268	0.0	0.0	0.0	0.0	0.0	0.0		1.00
27)	L8	Aroclor-1268 {2}	0.0	0.0	0.0	0.0	0.0	0.0		-1.00
28)	L8	Aroclor-1268 {3}	0.0	0.0	0.0	0.0	0.0	0.0		1.00

(#) = Out of Range

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB1.D Vial: 1
Signal #2 : D:\HPCHEM\5\JUN27A\PCB1.D\CONFIRM.D
Acq On : 27 Jun 96 05:36 PM Operator: JS
Sample : AR1660 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 10:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	25788	21193	0.118	0.123
				Recovery	=	295.00%	307.50%
2) S	Decachlorobiphenyl	22.23	30.37	18516	8857	0.191m	0.200
				Recovery	=	477.50%	500.00%
	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	6.79	8.77	40840	18234	1.441	1.562
6) L1	Aroclor-1016 {2}	8.93	10.30	26119	35129	1.858	1.495
7) L1	Aroclor-1016 {3}	9.33	12.22	35858	25402	1.686	1.814
Total	Aroclor-1016			102818	78765	4.986	4.871
Average	Aroclor-1016					1.662	1.624
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB1.D Vial: 1
Signal #2 : D:\HPCHEM\5\JUN27A\PCB1.D\CONFIRM.D
Acq On : 27 Jun 96 05:36 PM Operator: JS
Sample : AR1660 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 10:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	13.92	18.17	44235	43847	1.749	1.951
24) L7	Aroclor-1260 {2}	14.71	18.49	51180	49624	1.815	2.027
25) L7	Aroclor-1260 {3}	17.92	21.91	73663	79013	2.125	2.488
Total	Aroclor-1260			169079	172484	NoCal	NoCal
Average	Aroclor-1260					1.896	2.155
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

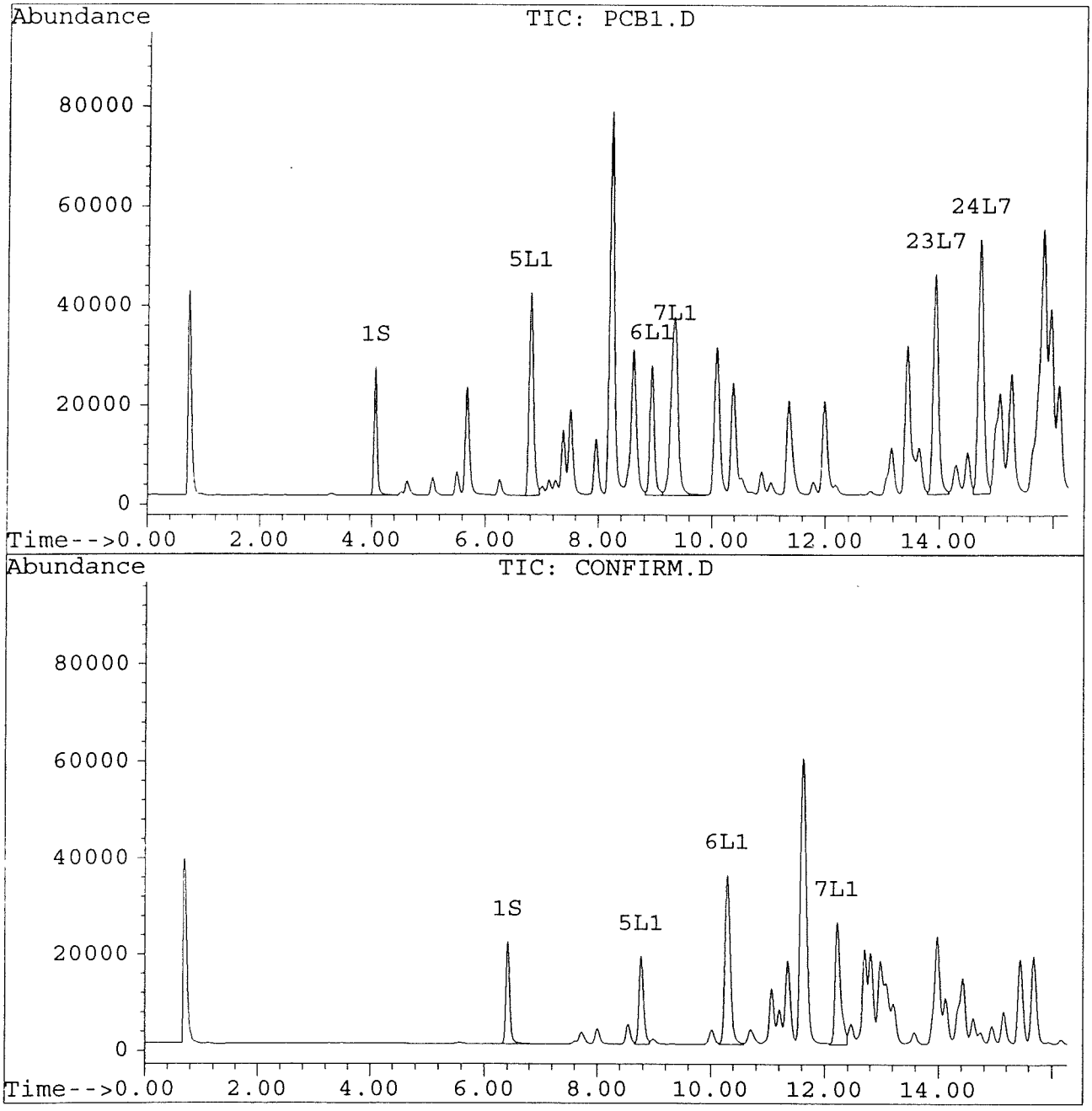
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB1.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB1.D\CONFIRM.D
Acq On : 27 Jun 96 05:36 PM
Sample : AR1660 5.0 UG/ML
Misc :
Quant Time: Jun 28 10:55 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB1.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB1.D\CONFIRM.D
Acq On : 27 Jun 96 05:36 PM
Sample : AR1660 5.0 UG/ML
Misc :
Quant Time: Jun 28 10:55 1996

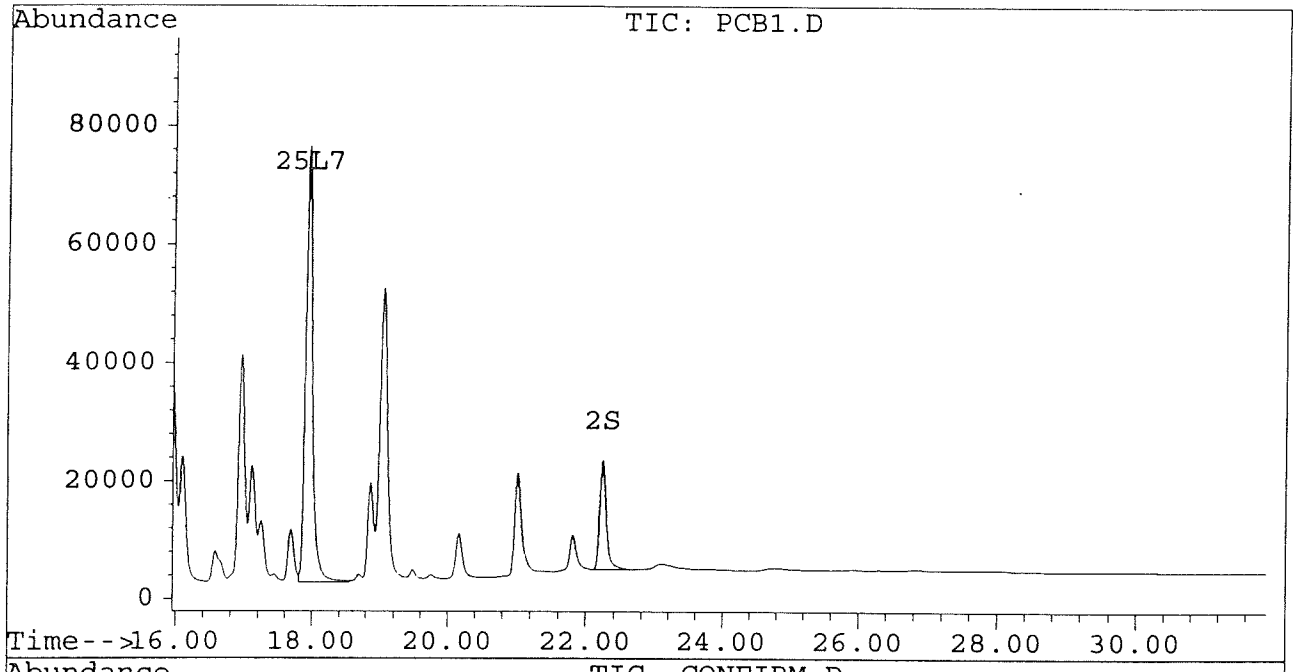
Vial: 1

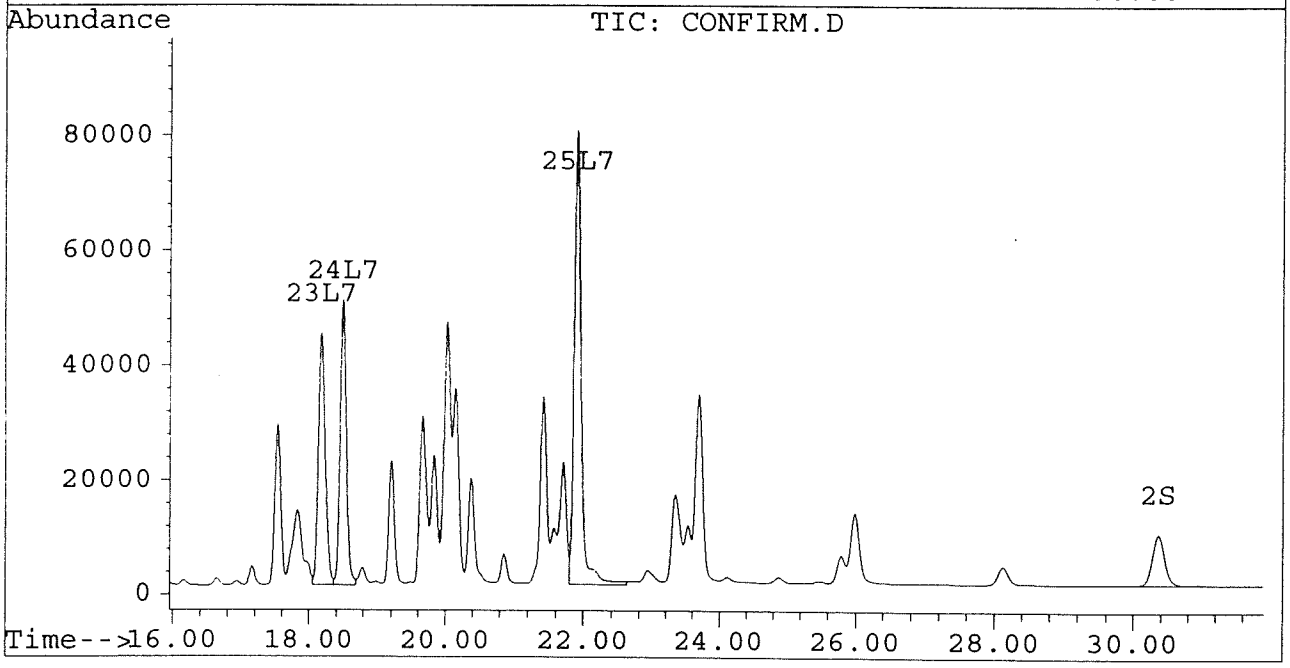
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB2.D Vial: 2
Signal #2 : D:\HPCHEM\5\JUN27A\PCB2.D\CONFIRM.D
Acq On : 27 Jun 96 06:11 PM Operator: JS
Sample : AR1660 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 10:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	12874	10198	0.059	0.059
				Recovery	=	147.50%	147.50%
2) S	Decachlorobiphenyl	22.24	30.36	8892	4006	0.092m	0.090
				Recovery	=	230.00%	225.00%
	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	6.79	8.77	23242	10201	0.820	0.874
6) L1	Aroclor-1016 (2)	8.93	10.29	13257	20022	0.943	0.852
7) L1	Aroclor-1016 (3)	9.33	12.22	19621	13560	0.923	0.968
Total	Aroclor-1016			56120	43783	2.686	2.694
Average	Aroclor-1016					0.895	0.898
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Aroclor-1221 (3)	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3	Aroclor-1232 (2)	0.00	0.00	0	0	N.D.d	N.D.d
13) L3	Aroclor-1232 (3)	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4	Aroclor-1242 (2)	0.00	0.00	0	0	N.D.d	N.D.d
16) L4	Aroclor-1242 (3)	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.d	N.D.d
19) L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB2.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB2.D\CONFIRM.D
Acq On : 27 Jun 96 06:11 PM
Sample : AR1660 2.5 UG/ML
Misc :
Quant Time: Jun 28 10:57 1996

Vial: 2

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	13.92	18.17	23421	23370	0.926	1.040
24) L7	Aroclor-1260 {2}	14.71	18.49	26111	26181	0.926	1.070
25) L7	Aroclor-1260 {3}	17.93	21.91	34581	39896	0.997	1.256 #
Total	Aroclor-1260			84113	89446	NoCal	NoCal
Average	Aroclor-1260					0.950	1.122
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB2.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB2.D\CONFIRM.D
Acq On : 27 Jun 96 06:11 PM
Sample : AR1660 2.5 UG/ML
Misc :
Quant Time: Jun 28 10:57 1996

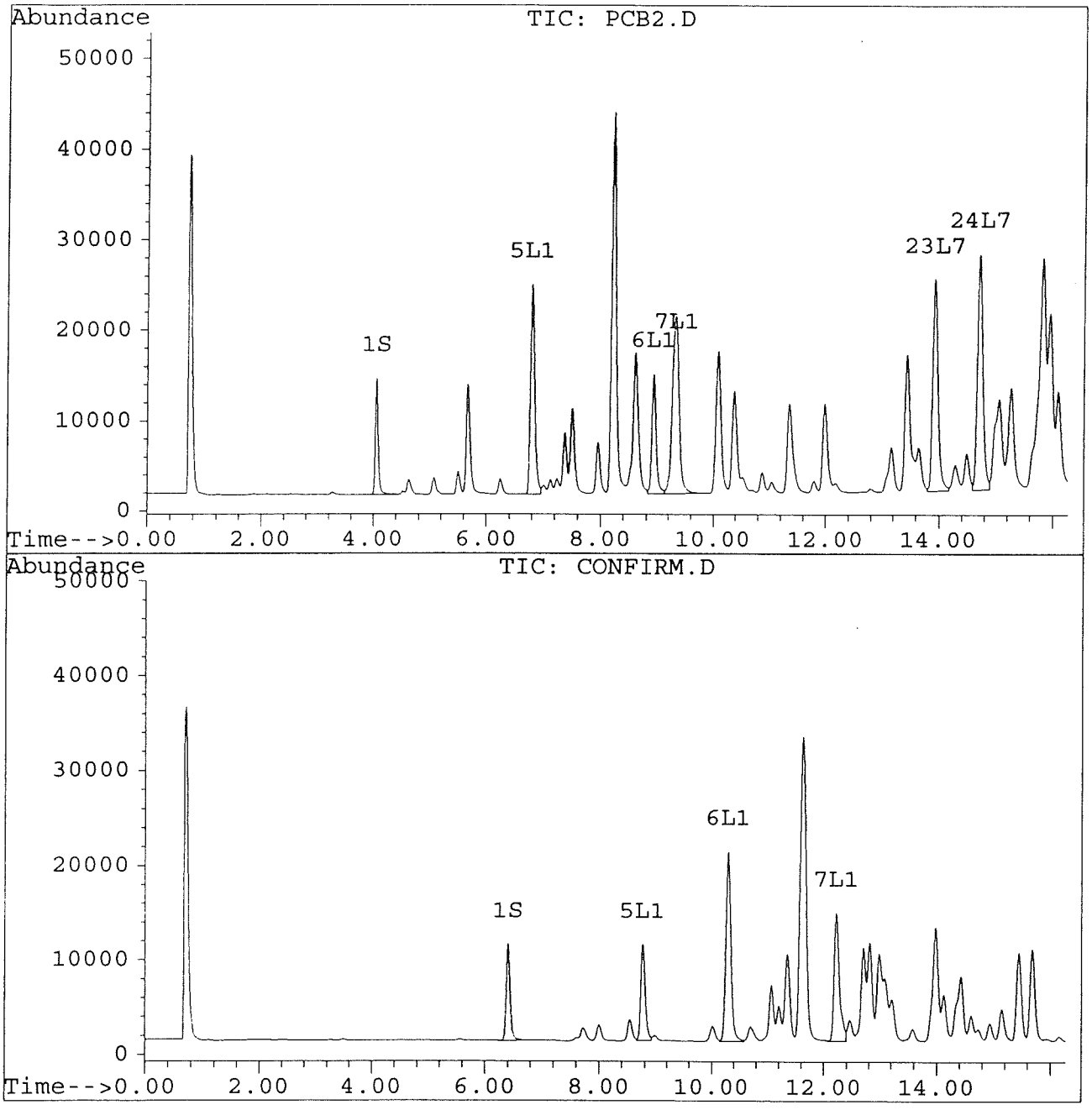
Vial: 2

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB2.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB2.D\CONFIRM.D
Acq On : 27 Jun 96 06:11 PM
Sample : AR1660 2.5 UG/ML
Misc :
Quant Time: Jun 28 10:57 1996

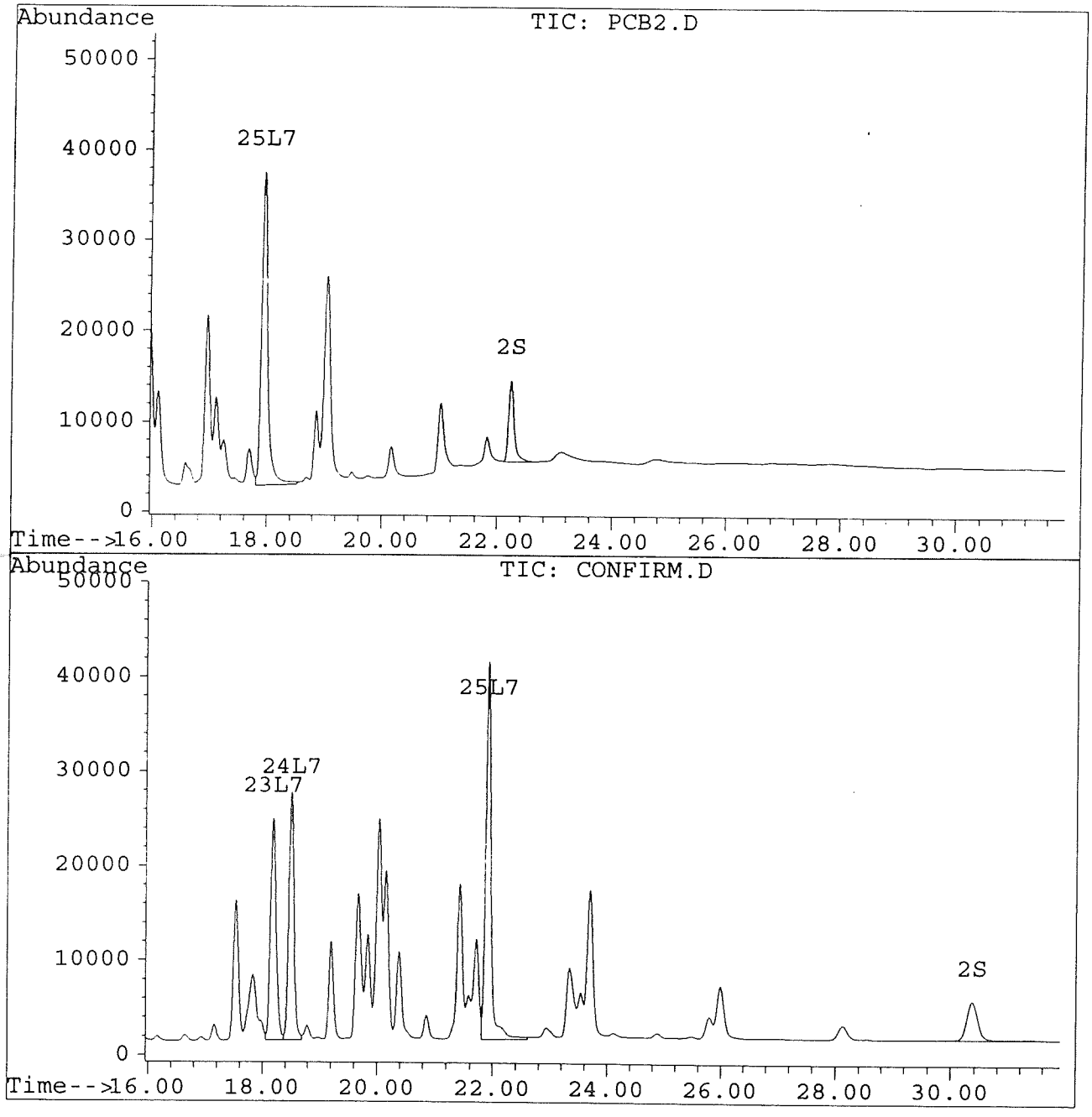
Vial: 2

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB3.D Vial: 3
Signal #2 : D:\HPCHEM\5\JUN27A\PCB3.D\CONFIRM.D
Acq On : 27 Jun 96 06:47 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 10:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	4504	3632	0.021	0.021
				Recovery	=	52.50%	52.50%
2) S	Decachlorobiphenyl	22.24	30.37	3730	1605	0.039m	0.036
				Recovery	=	97.50%	90.00%
	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	6.80	8.77	10387	4458	0.367	0.382
6) L1	Aroclor-1016 {2}	8.93	10.30	5078	9043	0.361	0.385
7) L1	Aroclor-1016 {3}	9.33	12.22	8376	5644	0.394	0.403
Total	Aroclor-1016			23841	19145	1.122	1.170
Average	Aroclor-1016					0.374	0.390
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB3.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB3.D\CONFIRM.D
Acq On : 27 Jun 96 06:47 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jun 28 10:58 1996

Vial: 3

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	13.93	18.18	9772	10179	0.386	0.453
24) L7 Aroclor-1260 {2}	14.71	18.49	10523	11208	0.373	0.458
25) L7 Aroclor-1260 {3}	17.93	21.91	12914	15960	0.372m	0.502 #
Total Aroclor-1260			33209	37347	NoCal	NoCal
Average Aroclor-1260					0.377	0.471
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB3.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB3.D\CONFIRM.D
Acq On : 27 Jun 96 06:47 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jun 28 10:58 1996

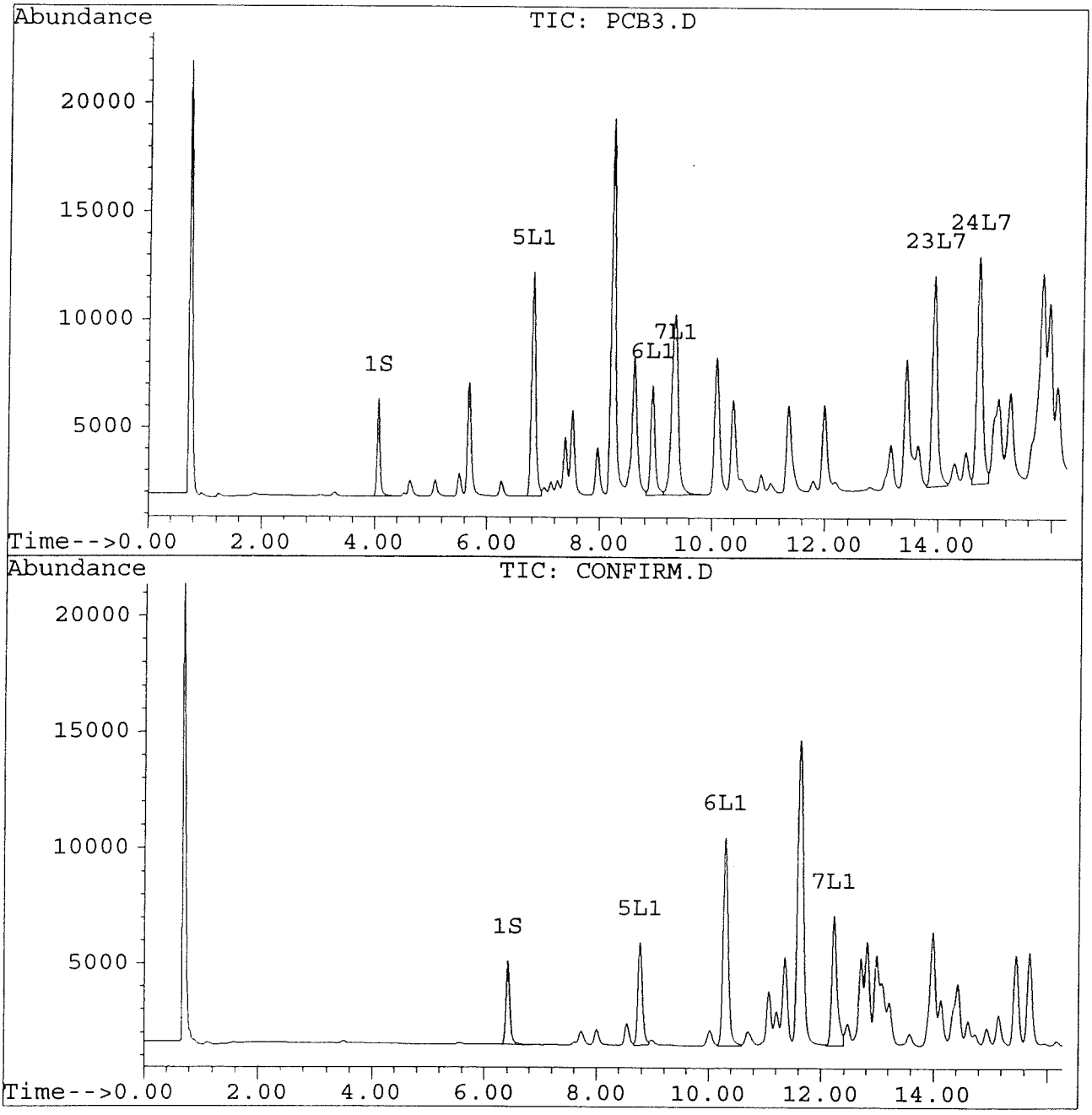
Vial: 3

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB3.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB3.D\CONFIRM.D
Acq On : 27 Jun 96 06:47 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jun 28 10:58 1996

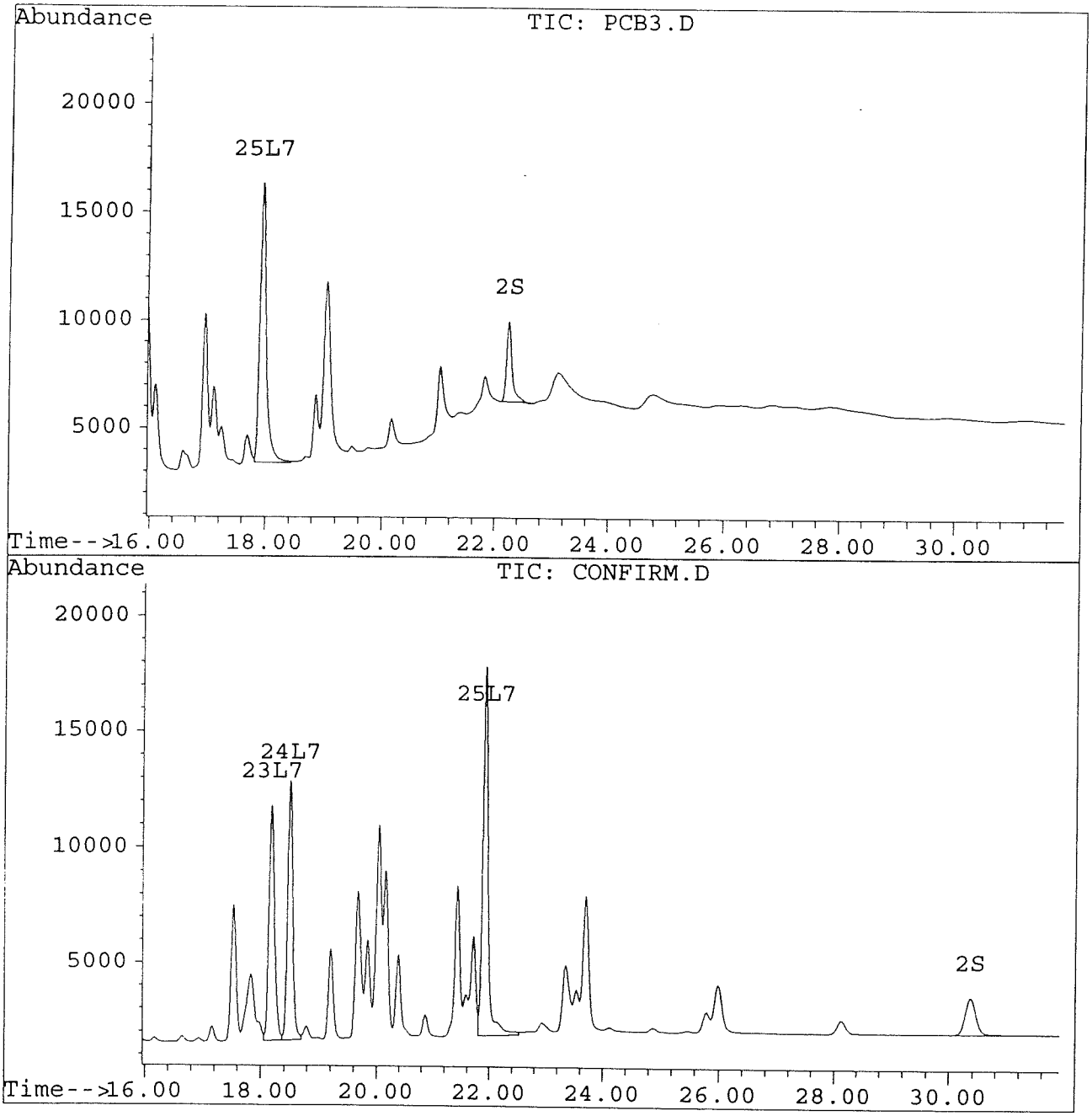
Vial: 3

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB4.D Vial: 4
Signal #2 : D:\HPCHEM\5\JUN27A\PCB4.D\CONFIRM.D
Acq On : 27 Jun 96 07:22 PM Operator: JS
Sample : AR1660 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	2091	1716	0.010	0.010
					Recovery	=	25.00%	25.00%
2)	S	Decachlorobiphenyl	22.24	30.37	1975	771	0.020m	0.017
					Recovery	=	50.00%	42.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4)	M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5)	L1	Aroclor-1016	6.80	8.77	5507	2335	0.194	0.200
6)	L1	Aroclor-1016 {2}	8.93	10.30	2433	4809	0.173	0.205
7)	L1	Aroclor-1016 {3}	9.33	12.23	4238	2825	0.199	0.202
	Total	Aroclor-1016			12178	9969	0.567	0.606
	Average	Aroclor-1016					0.189	0.202
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
	Total	Aroclor-1221			0	0	N.D.	N.D.
	Average	Aroclor-1221					0.000	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12)	L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13)	L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
	Total	Aroclor-1232			0	0	N.D.	N.D.
	Average	Aroclor-1232					0.000	0.000
14)	L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15)	L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
16)	L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
	Total	Aroclor-1242			0	0	N.D.	N.D.
	Average	Aroclor-1242					0.000	0.000
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
	Total	Aroclor-1248			0	0	N.D.	N.D.
	Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB4.D Vial: 4
Signal #2 : D:\HPCHEM\5\JUN27A\PCB4.D\CONFIRM.D
Acq On : 27 Jun 96 07:22 PM Operator: JS
Sample : AR1660 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d	
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d	
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d	
Total	Aroclor-1254			0	0	N.D.	N.D.	
Average	Aroclor-1254					0.000	0.000	
23) L7	Aroclor-1260	13.93	18.18	4798	5141	0.190	0.229	
24) L7	Aroclor-1260 {2}	14.71	18.50	4952	5541	0.176	0.226	#
25) L7	Aroclor-1260 {3}	17.93	21.91	5679	7393	0.164m	0.233	#
Total	Aroclor-1260			15430	18075	NoCal	NoCal	
Average	Aroclor-1260					0.176	0.229	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d	
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d	
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

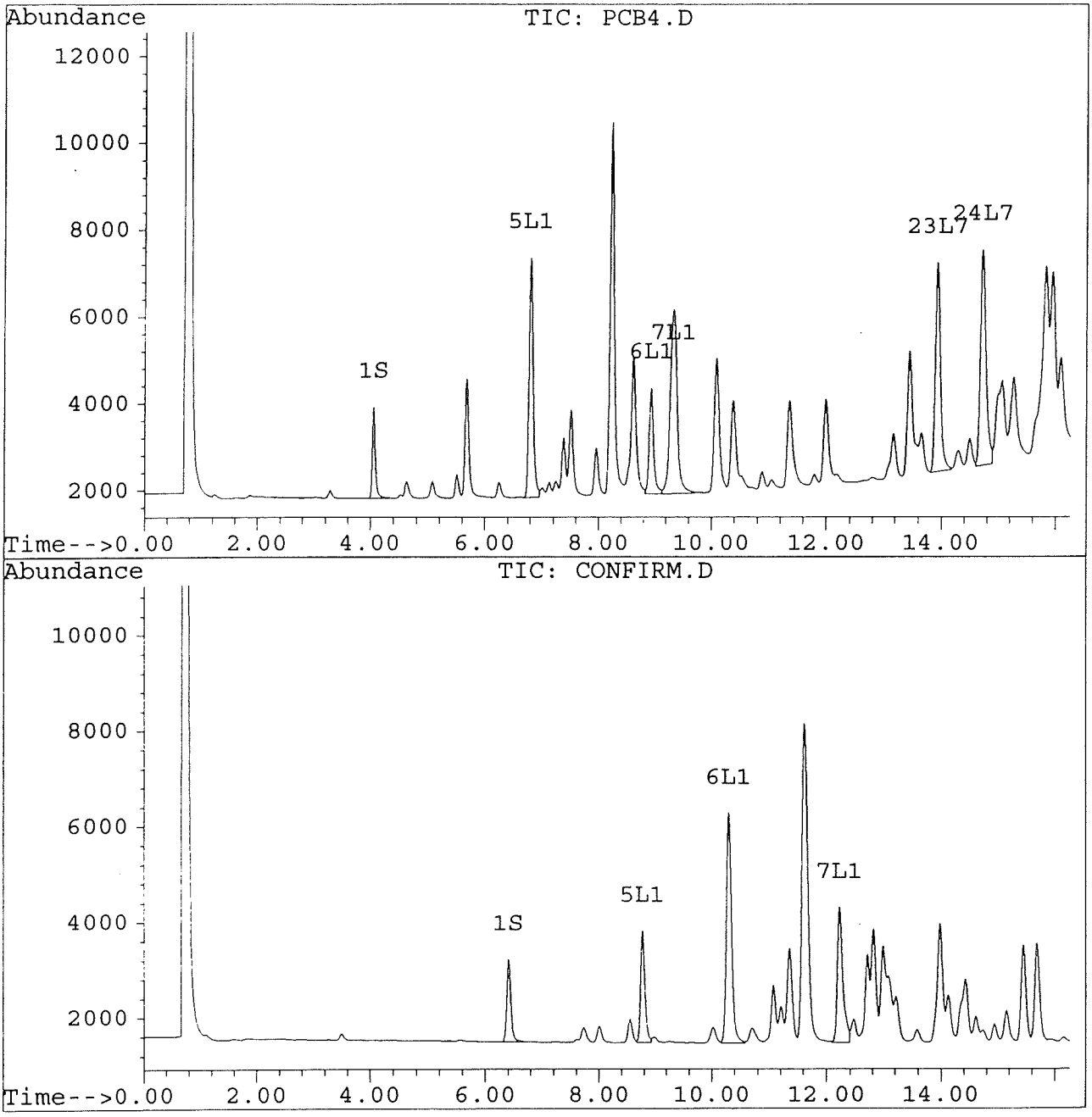
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB4.D Vial: 4
Signal #2 : D:\HPCHEM\5\JUN27A\PCB4.D\CONFIRM.D
Acq On : 27 Jun 96 07:22 PM Operator: JS
Sample : AR1660 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB4.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB4.D\CONFIRM.D
Acq On : 27 Jun 96 07:22 PM
Sample : AR1660 0.5 UG/ML
Misc :
Quant Time: Jun 28 11:00 1996

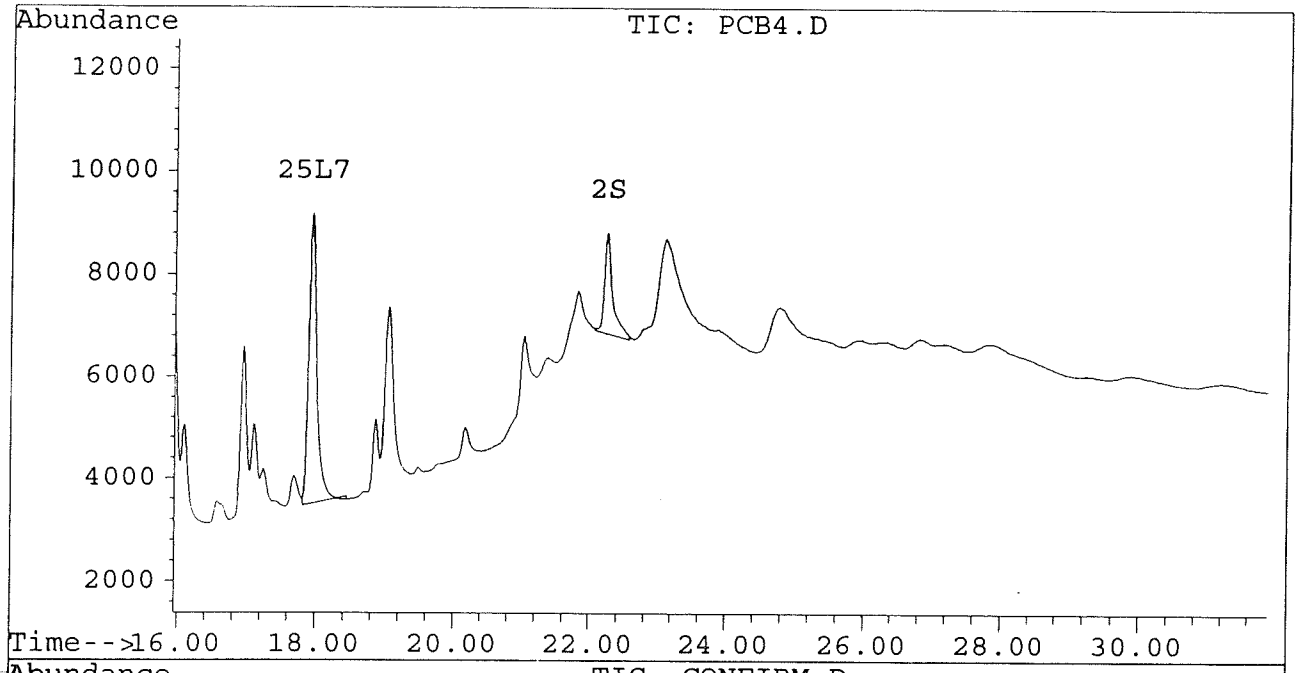
Vial: 4

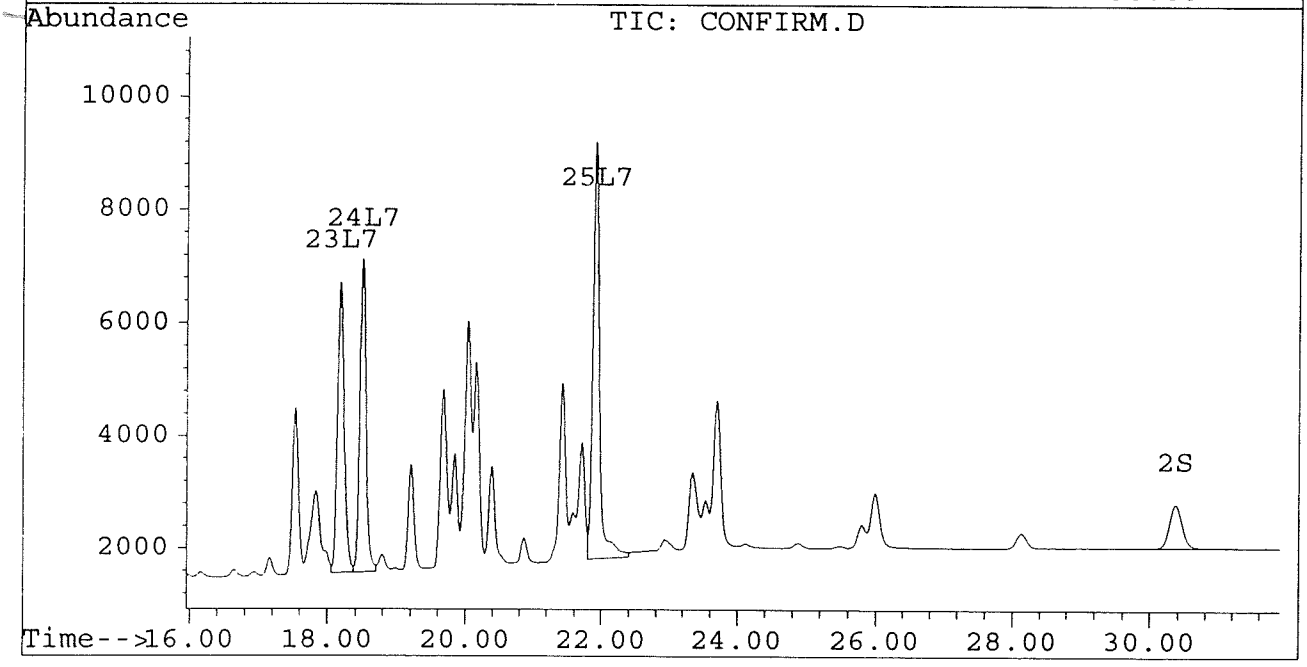
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB5.D Vial: 5
Signal #2 : D:\HPCHEM\5\JUN27A\PCB5.D\CONFIRM.D
Acq On : 27 Jun 96 07:58 PM Operator: JS
Sample : AR1660 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	374	330	0.002	0.002
				Recovery	=	5.00%	5.00%
2) S	Decachlorobiphenyl	22.24	30.37	535	165	0.006m	0.004 #
				Recovery	=	15.00%	10.00%
	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	6.80	8.77	1188	501	0.042	0.043
6) L1	Aroclor-1016 {2}	8.93	10.30	454	1086	0.032	0.046 #
7) L1	Aroclor-1016 {3}	9.33	12.23	880	583	0.041	0.042
Total	Aroclor-1016			2522	2170	0.116	0.131
Average	Aroclor-1016					0.039	0.044
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

001

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB5.D Vial: 5
Signal #2 : D:\HPCHEM\5\JUN27A\PCB5.D\CONFIRM.D
Acq On : 27 Jun 96 07:58 PM Operator: JS
Sample : AR1660 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	13.92	18.18	997	1127	0.039	0.050 #
24) L7	Aroclor-1260 {2}	14.71	18.50	989	1205	0.035	0.049 #
25) L7	Aroclor-1260 {3}	17.93	21.91	1043	1505	0.030m	0.047m#
Total	Aroclor-1260			3029	3836	NoCal	NoCal
Average	Aroclor-1260					0.035	0.049
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB5.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB5.D\CONFIRM.D
Acq On : 27 Jun 96 07:58 PM
Sample : AR1660 0.1 UG/ML
Misc :
Quant Time: Jun 28 11:02 1996

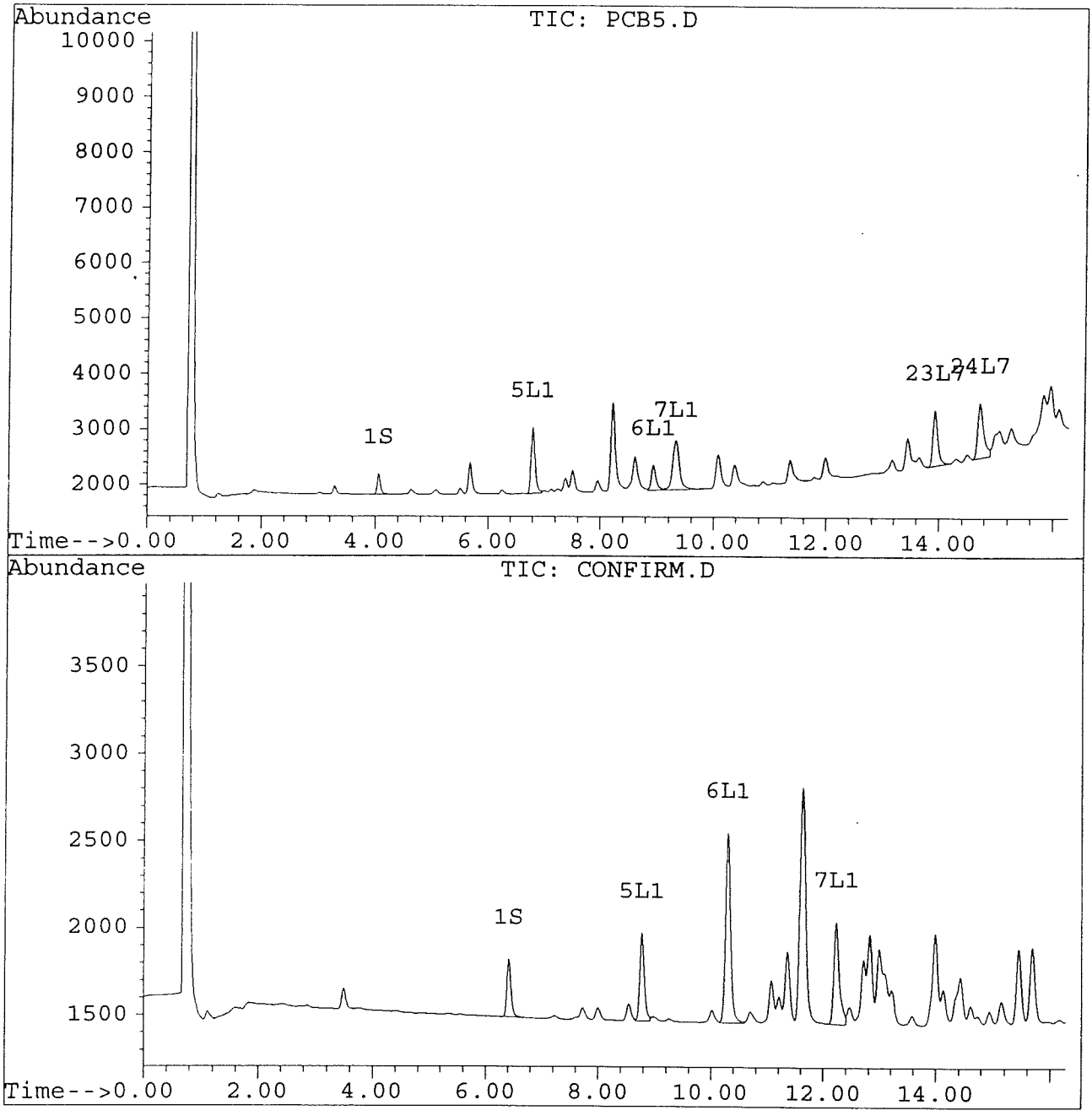
Vial: 5

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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

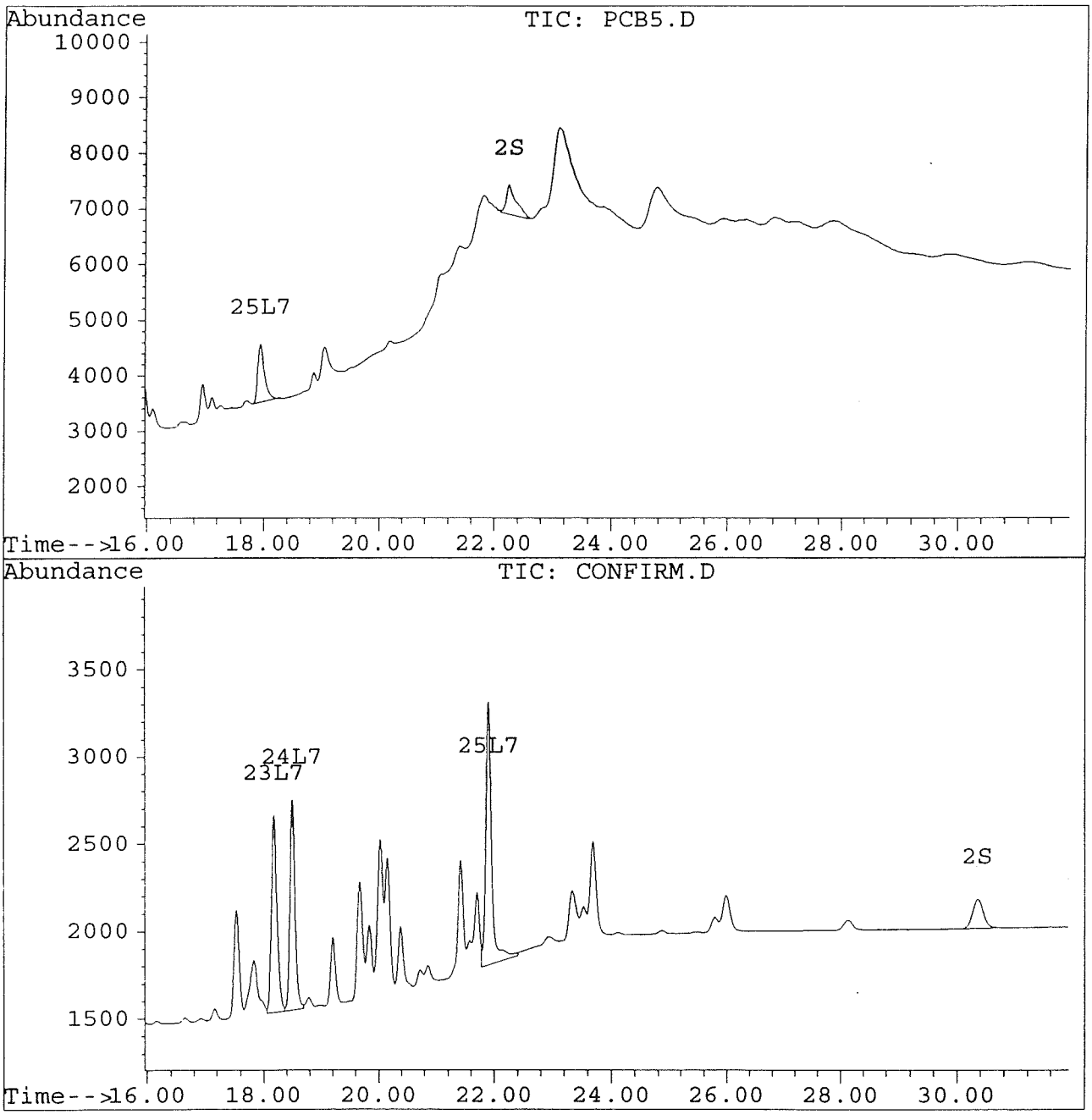


Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB5.D Vial: 5
Signal #2 : D:\HPCHEM\5\JUN27A\PCB5.D\CONFIRM.D
Acq On : 27 Jun 96 07:58 PM Operator: JS
Sample : AR1660 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB6.D Vial: 6
Signal #2 : D:\HPCHEM\5\JUN27A\PCB6.D\CONFIRM.D
Acq On : 27 Jun 96 08:34 PM Operator: JS
Sample : AR1254 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	27857	22487	0.127	0.130
				Recovery	=	317.50%	325.00%
2) S	Decachlorobiphenyl	22.23	30.36	17103	7932	0.177m	0.179
				Recovery	=	442.50%	447.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB6.D Vial: 6
Signal #2 : D:\HPCHEM\5\JUN27A\PCB6.D\CONFIRM.D
Acq On : 27 Jun 96 08:34 PM Operator: JS
Sample : AR1254 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	40251	37125	1.695	1.853
21) L6	Aroclor-1254 {2}	13.43	15.68	57516	39675	1.818	1.857
22) L6	Aroclor-1254 {3}	15.82	17.54	42372	57706	1.954	2.020
Total	Aroclor-1254			140139	134506	5.467	5.730
Average	Aroclor-1254					1.822	1.910
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

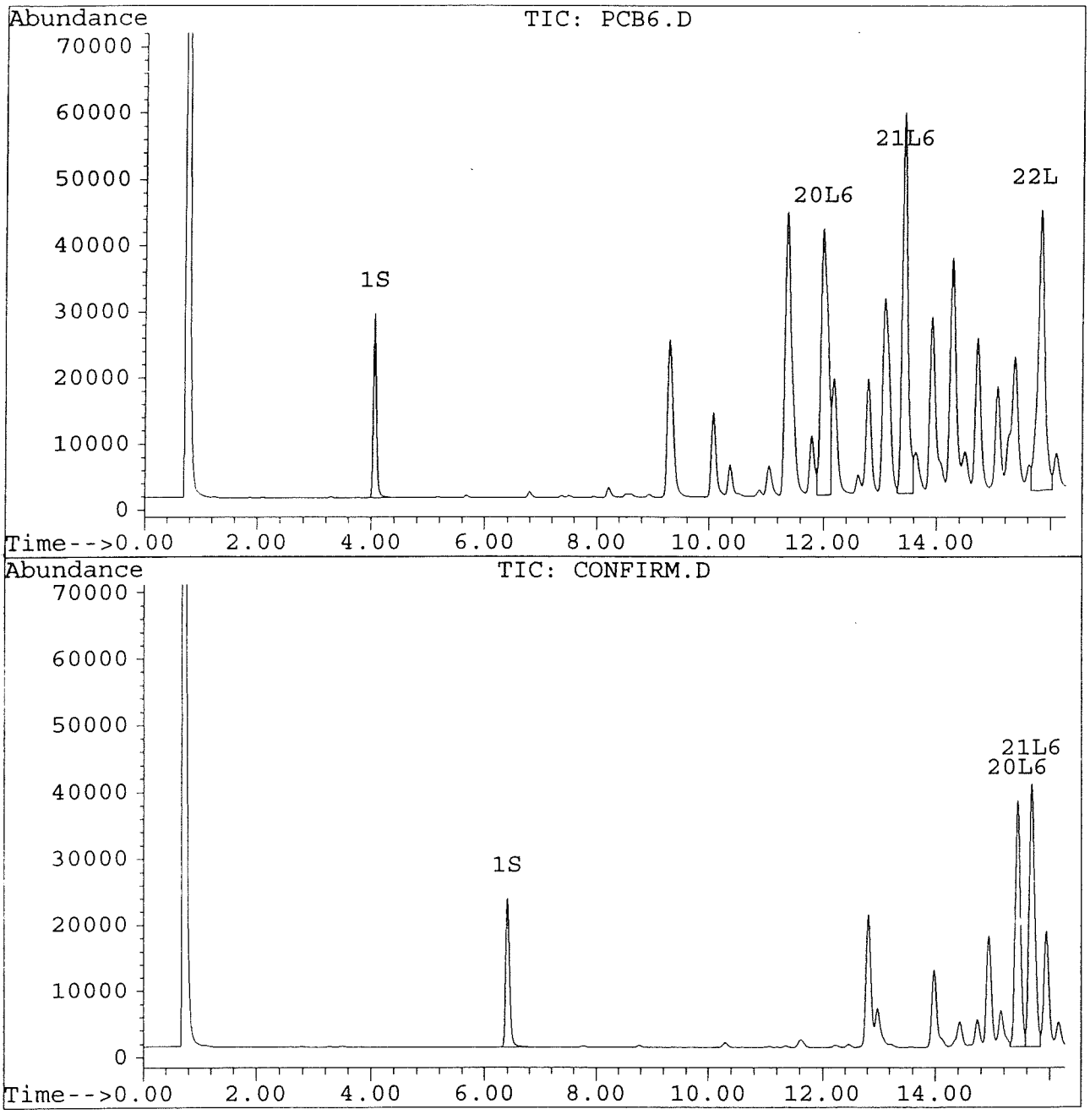
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB6.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB6.D\CONFIRM.D
Acq On : 27 Jun 96 08:34 PM
Sample : AR1254 5.0 UG/ML
Misc :
Quant Time: Jun 28 11:04 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB6.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB6.D\CONFIRM.D
Acq On : 27 Jun 96 08:34 PM
Sample : AR1254 5.0 UG/ML
Misc :
Quant Time: Jun 28 11:04 1996

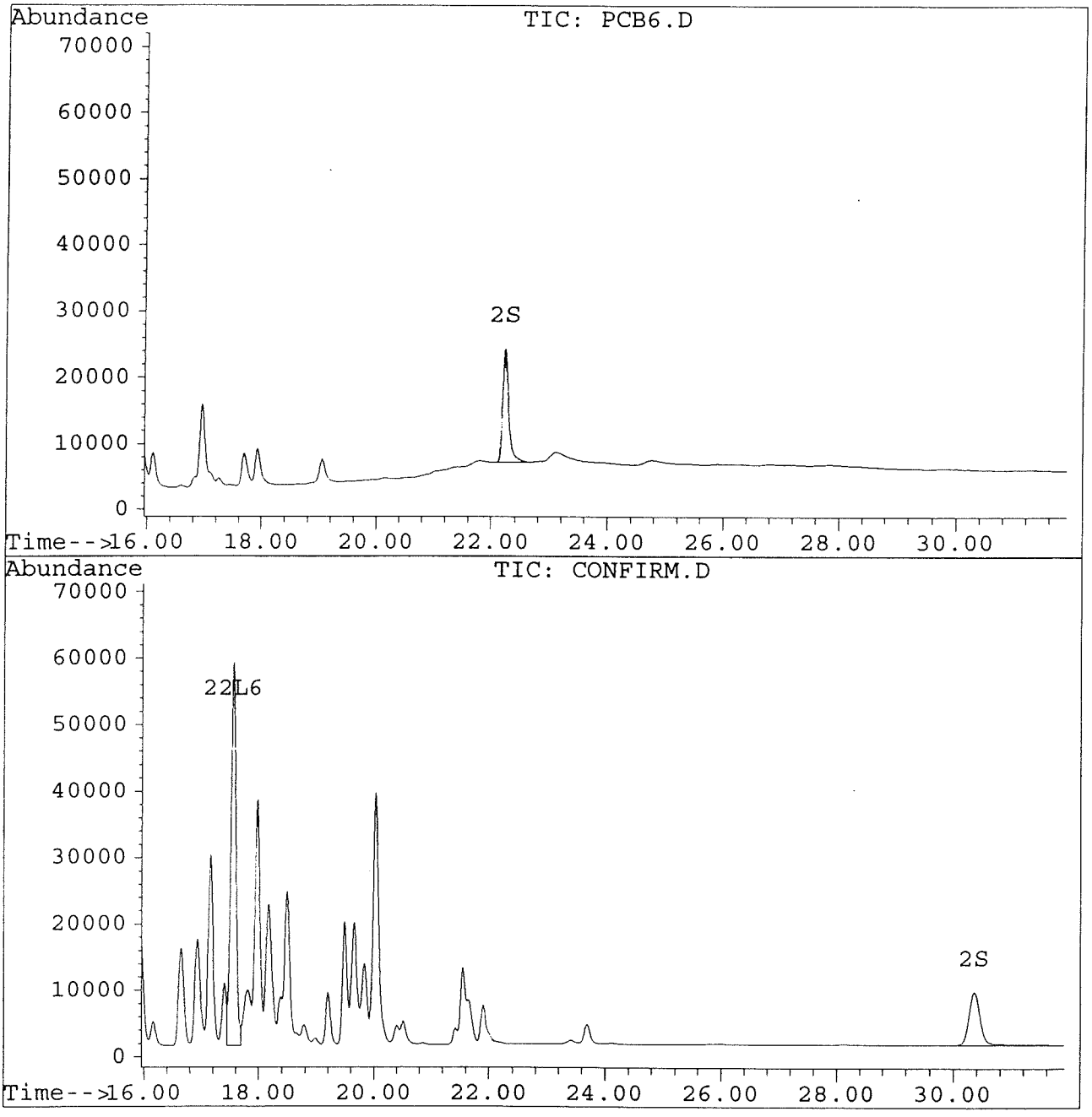
Vial: 6

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB7.D Vial: 7
Signal #2 : D:\HPCHEM\5\JUN27A\PCB7.D\CONFIRM.D
Acq On : 27 Jun 96 09:09 PM Operator: JS
Sample : AR1254 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	13074	10357	0.060	0.060
				Recovery	=	150.00%	150.00%
2) S	Decachlorobiphenyl	22.23	30.36	9682	4297	0.100m	0.097
				Recovery	=	250.00%	242.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB7.D Vial: 7
Signal #2 : D:\HPCHEM\5\JUN27A\PCB7.D\CONFIRM.D
Acq On : 27 Jun 96 09:09 PM Operator: JS
Sample : AR1254 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	21852	19955	0.920	0.996
21) L6	Aroclor-1254 {2}	13.43	15.68	29831	21412	0.943	1.002
22) L6	Aroclor-1254 {3}	15.82	17.54	21610	31616	0.997	1.107
Total	Aroclor-1254			73293	72982	2.860	3.105
Average	Aroclor-1254					0.953	1.035
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

200

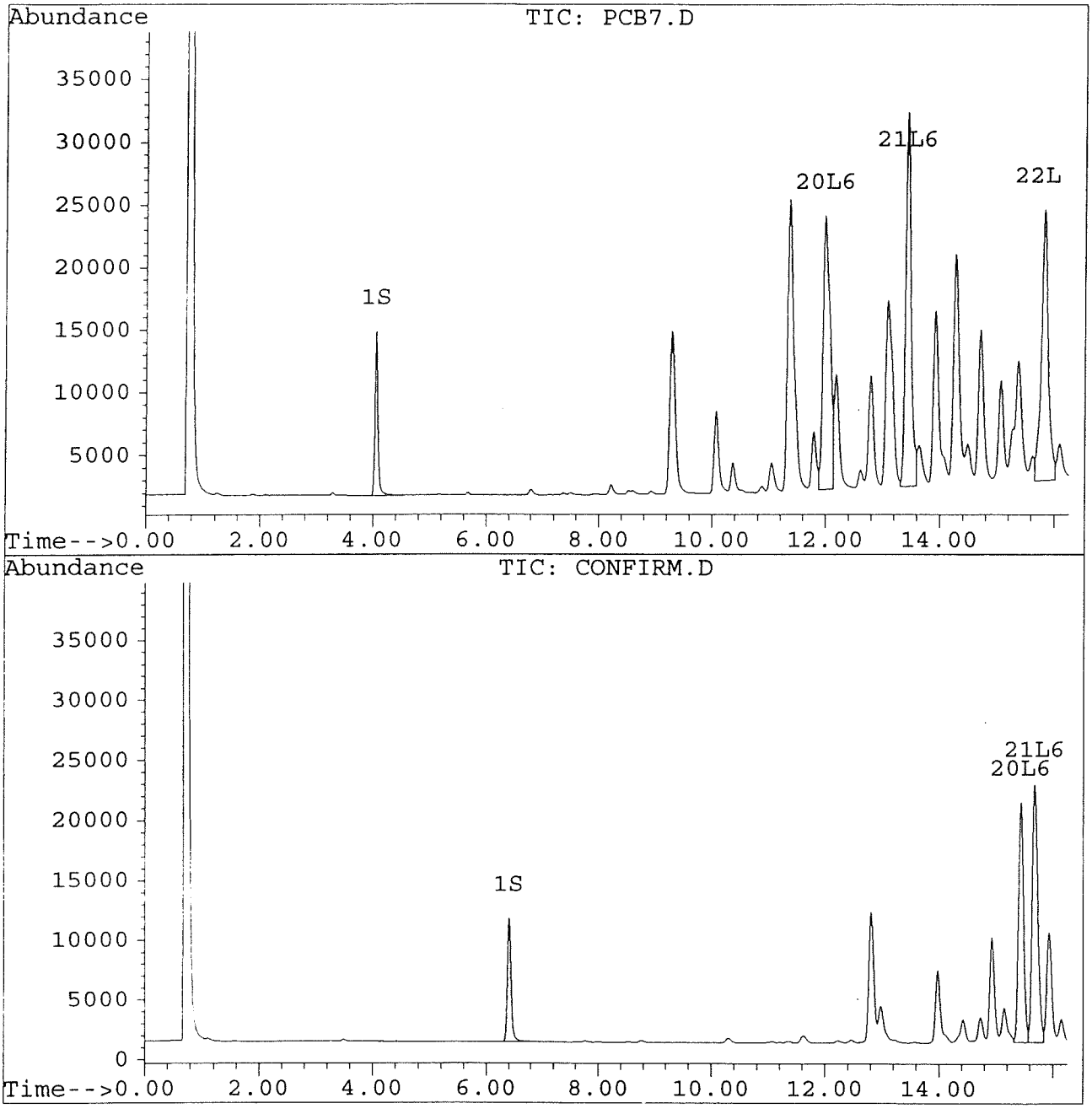
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB7.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB7.D\CONFIRM.D
Acq On : 27 Jun 96 09:09 PM
Sample : AR1254 2.5 UG/ML
Misc :
Quant Time: Jun 28 11:05 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



201

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB7.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB7.D\CONFIRM.D
Acq On : 27 Jun 96 09:09 PM
Sample : AR1254 2.5 UG/ML
Misc :
Quant Time: Jun 28 11:05 1996

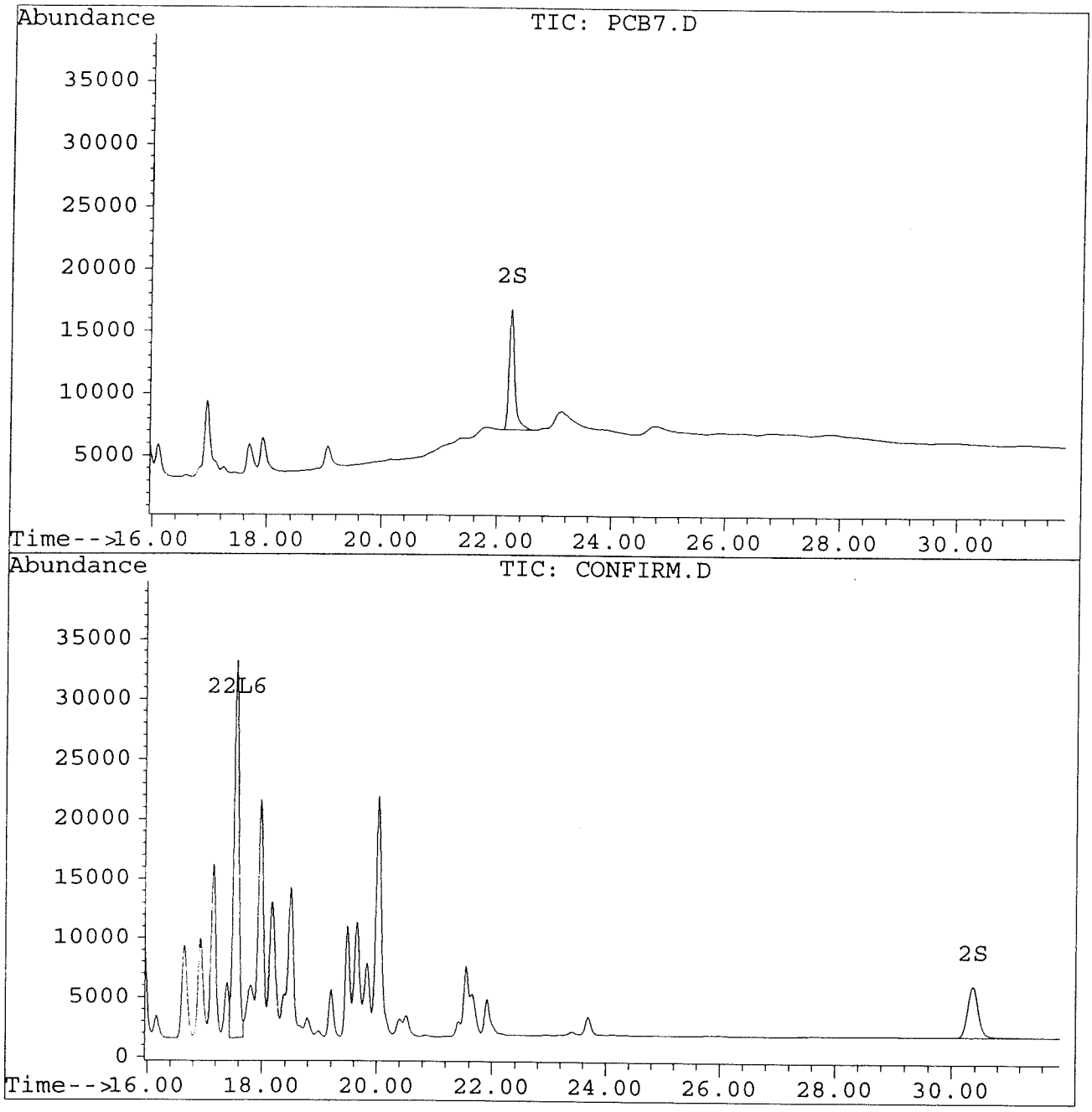
Vial: 7

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB8.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB8.D\CONFIRM.D
Acq On : 27 Jun 96 09:45 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jun 28 11:06 1996

Vial: 8
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.04	6.40	4620	3724	0.021	0.022
				Recovery	=	52.50%	55.00%
2) S	Decachlorobiphenyl	22.23	30.36	3939	1678	0.041m	0.038
				Recovery	=	102.50%	95.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB8.D Vial: 8
Signal #2 : D:\HPCHEM\5\JUN27A\PCB8.D\CONFIRM.D
Acq On : 27 Jun 96 09:45 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	9119	8694	0.384	0.434
21) L6	Aroclor-1254 {2}	13.43	15.68	11440	9482	0.362	0.444
22) L6	Aroclor-1254 {3}	15.83	17.54	7858	12956	0.362	0.453 #
Total	Aroclor-1254			28417	31132	1.108	1.331
Average	Aroclor-1254					0.369	0.444
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB8.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB8.D\CONFIRM.D
Acq On : 27 Jun 96 09:45 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jun 28 11:06 1996

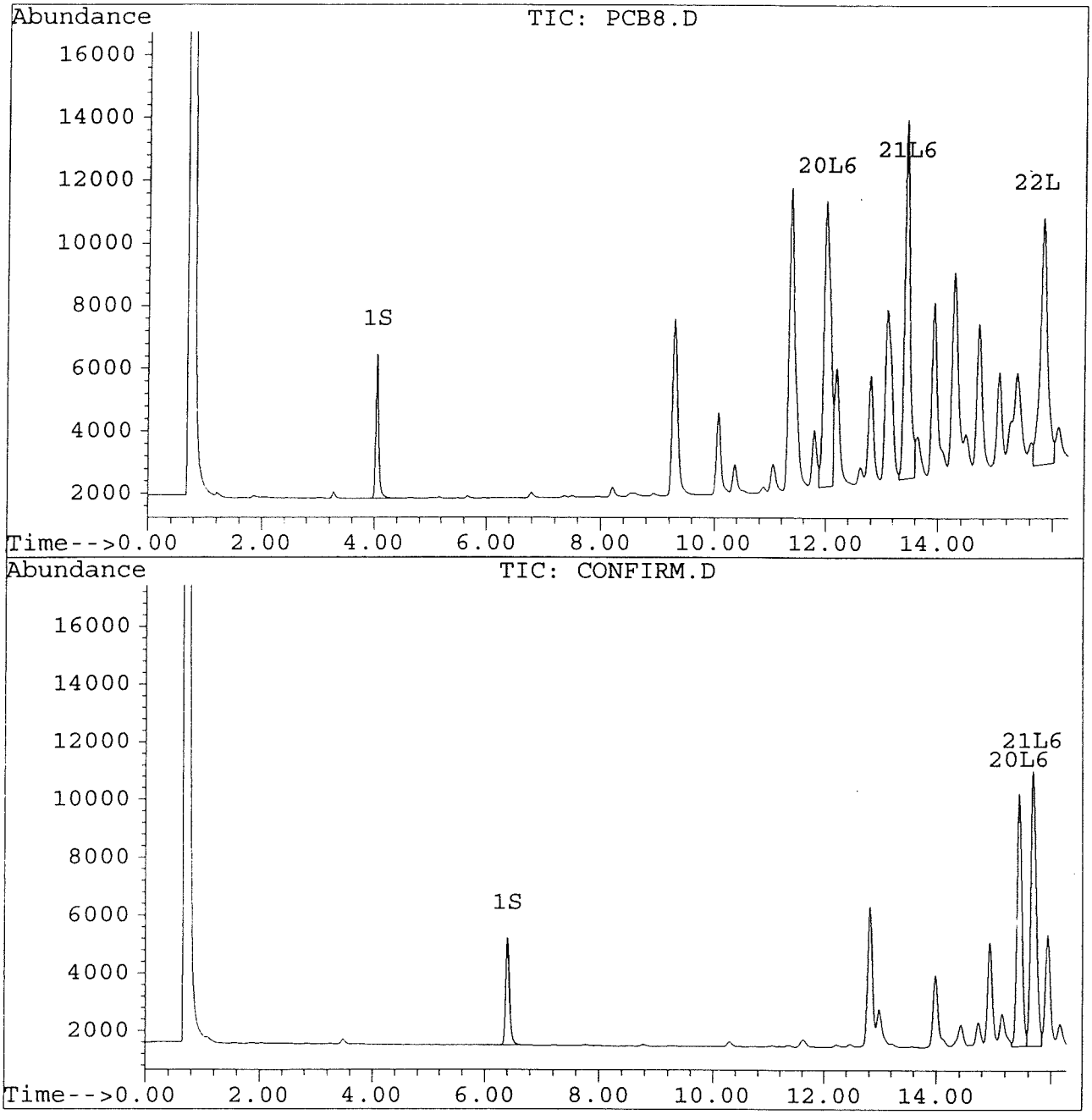
Vial: 8

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



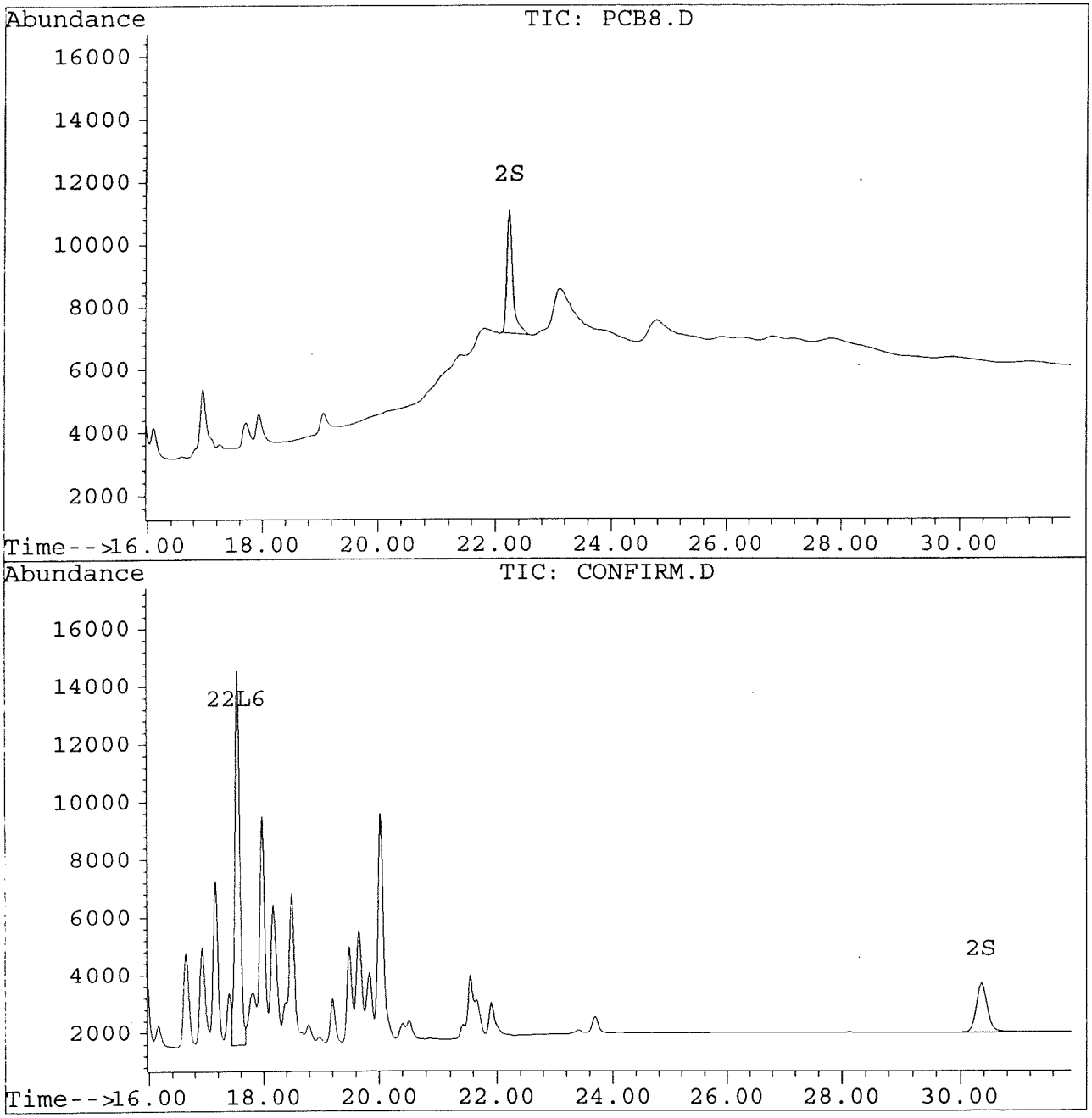
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB8.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB8.D\CONFIRM.D
Acq On : 27 Jun 96 09:45 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jun 28 11:06 1996

Vial: 8
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB9.D Vial: 9
Signal #2 : D:\HPCHEM\5\JUN27A\PCB9.D\CONFIRM.D
Acq On : 27 Jun 96 10:20 PM Operator: JS
Sample : AR1254 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	2203	1782	0.010	0.010
				Recovery	=	25.00%	25.00%
2) S	Decachlorobiphenyl	22.23	30.36	2080	862	0.022m	0.019
				Recovery	=	55.00%	47.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB9.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB9.D\CONFIRM.D
Acq On : 27 Jun 96 10:20 PM
Sample : AR1254 0.5 UG/ML
Misc :
Quant Time: Jun 28 11:07 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	4632	4493	0.195	0.224
21) L6	Aroclor-1254 {2}	13.43	15.68	5360	4826	0.169	0.226 #
22) L6	Aroclor-1254 {3}	15.83	17.54	3678	6266	0.170	0.219 #
Total	Aroclor-1254			13670	15585	0.534	0.669
Average	Aroclor-1254					0.178	0.223
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

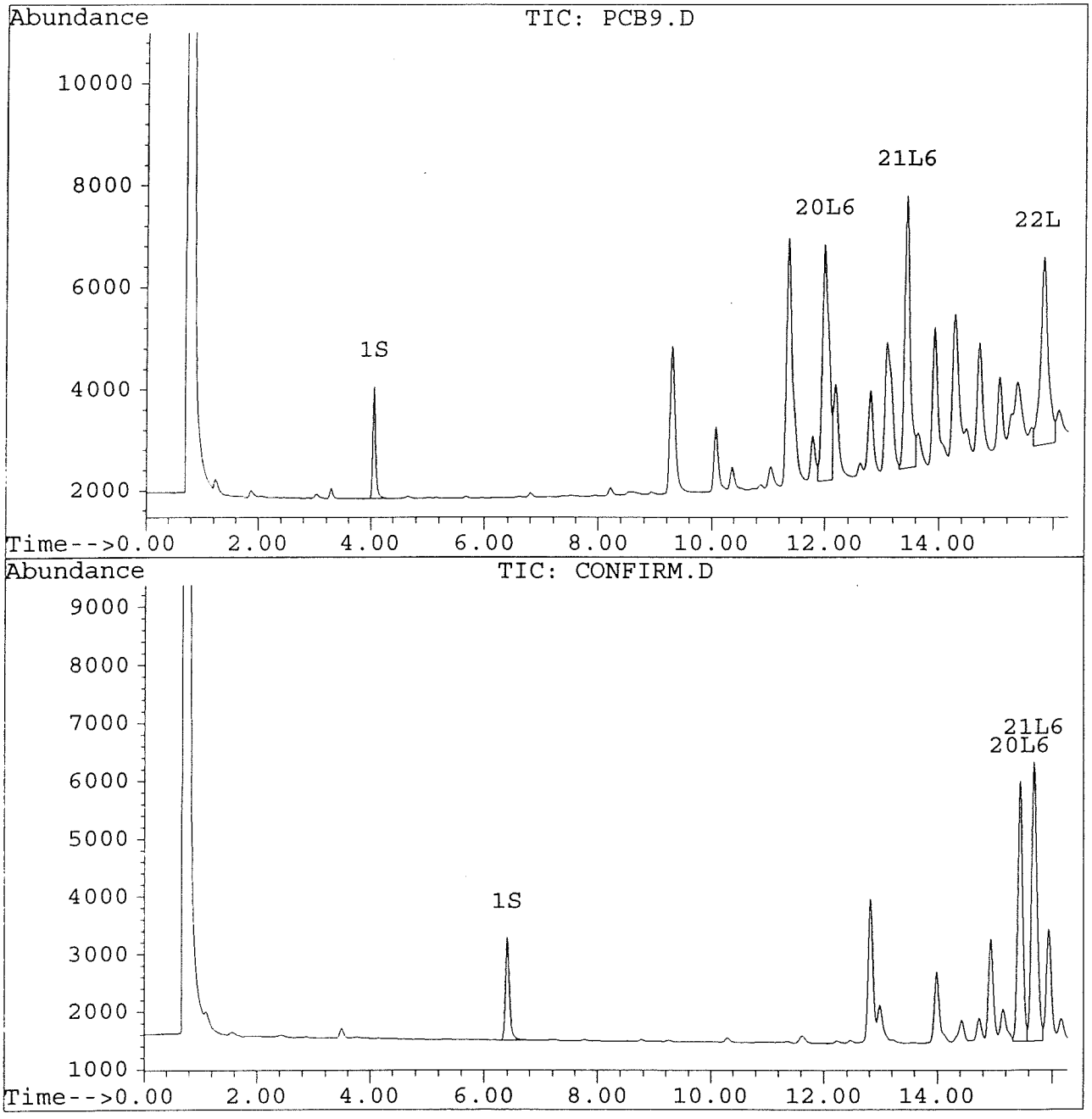
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB9.D Vial: 9
Signal #2 : D:\HPCHEM\5\JUN27A\PCB9.D\CONFIRM.D
Acq On : 27 Jun 96 10:20 PM Operator: JS
Sample : AR1254 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB9.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB9.D\CONFIRM.D
Acq On : 27 Jun 96 10:20 PM
Sample : AR1254 0.5 UG/ML
Misc :
Quant Time: Jun 28 11:07 1996

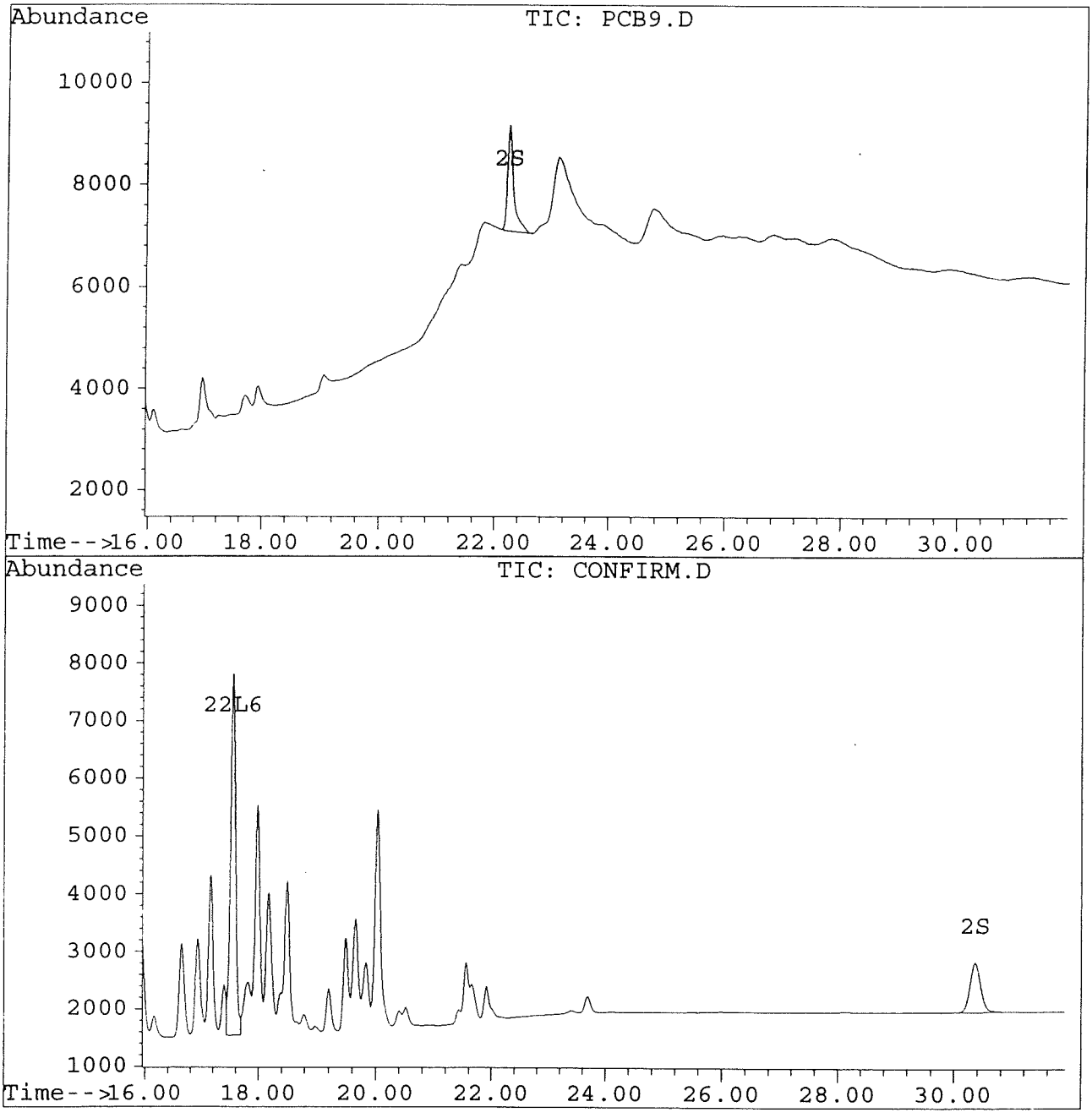
Vial: 9

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB10.D Vial: 10
Signal #2 : D:\HPCHEM\5\JUN27A\PCB10.D\CONFIRM.D
Acq On : 27 Jun 96 10:56 PM Operator: JS
Sample : AR1254 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	438	383	0.002	0.002
				Recovery	=	5.00%	5.00%
2) S	Decachlorobiphenyl	22.24	30.36	525	175	0.005m	0.004 #
				Recovery	=	12.50%	10.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1	Aroclor-1016 (2)	0.00	0.00	0	0	N.D.d	N.D.d
7) L1	Aroclor-1016 (3)	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Aroclor-1221 (3)	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3	Aroclor-1232 (2)	0.00	0.00	0	0	N.D.d	N.D.d
13) L3	Aroclor-1232 (3)	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4	Aroclor-1242 (2)	0.00	0.00	0	0	N.D.d	N.D.d
16) L4	Aroclor-1242 (3)	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB10.D Vial: 10
Signal #2 : D:\HPCHEM\5\JUN27A\PCB10.D\CONFIRM.D
Acq On : 27 Jun 96 10:56 PM Operator: JS
Sample : AR1254 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.99	15.45	924	969	0.039	0.048
21) L6	Aroclor-1254 {2}	13.43	15.69	938	1045	0.030	0.049 #
22) L6	Aroclor-1254 {3}	15.83	17.54	613	1243	0.028m	0.043 #
Total	Aroclor-1254			2475	3257	0.097	0.141
Average	Aroclor-1254					0.032	0.047
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

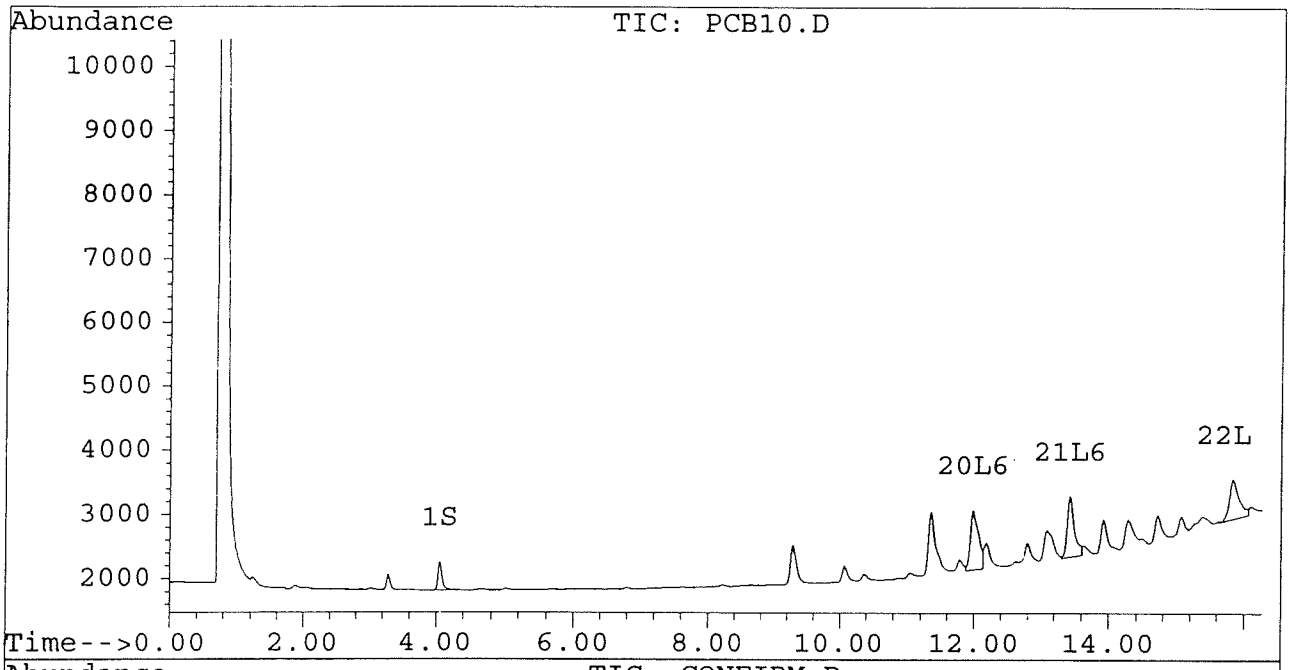
Quantitation Report

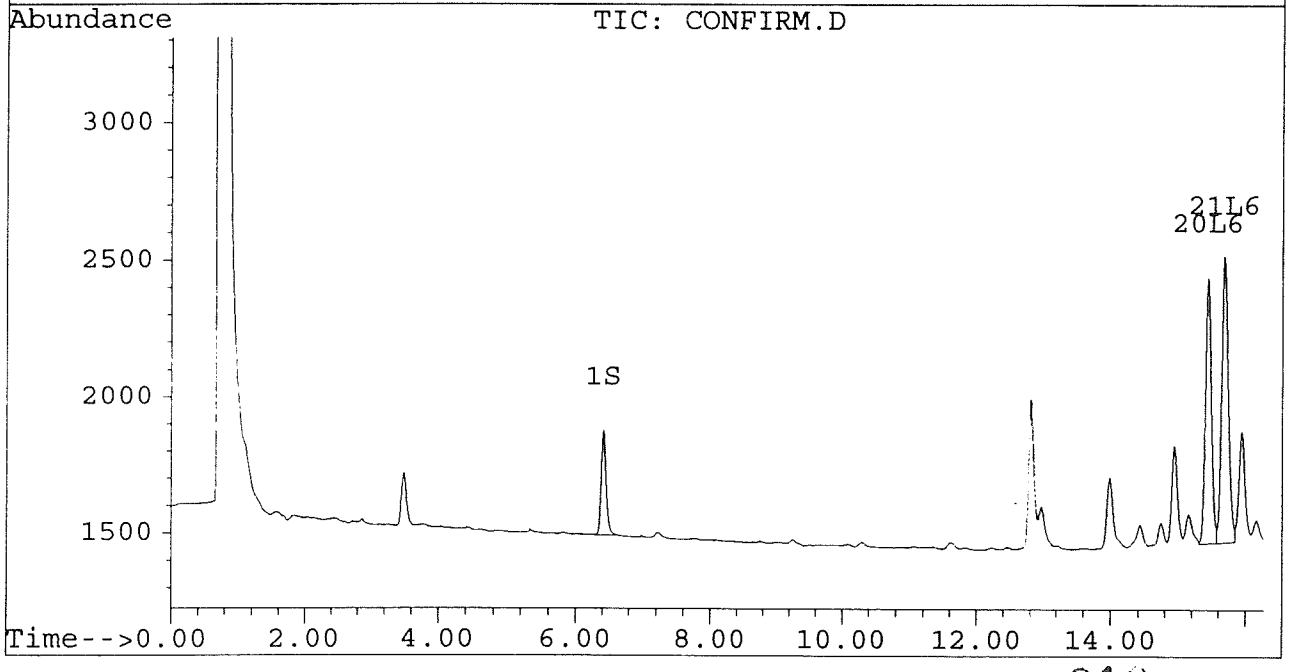
Signal #1 : D:\HPCHEM\5\JUN27A\PCB10.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB10.D\CONFIRM.D
Acq On : 27 Jun 96 10:56 PM
Sample : AR1254 0.1 UG/ML
Misc :
Quant Time: Jun 28 11:09 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB10.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB10.D\CONFIRM.D
Acq On : 27 Jun 96 10:56 PM
Sample : AR1254 0.1 UG/ML
Misc :
Quant Time: Jun 28 11:09 1996

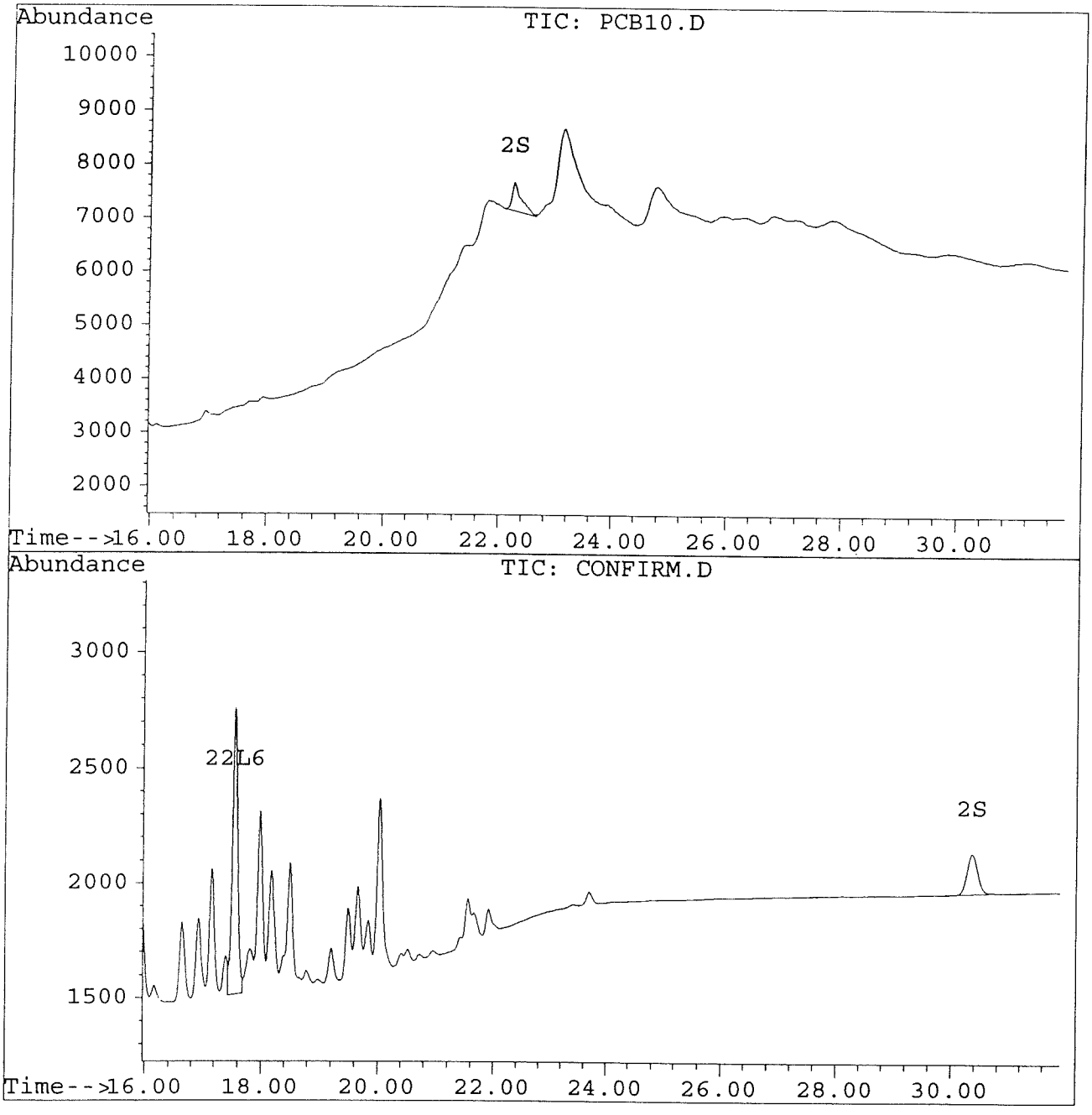
Vial: 10

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB11.D Vial: 11
Signal #2 : D:\HPCHEM\5\JUN27A\PCB11.D\CONFIRM.D
Acq On : 27 Jun 96 11:31 PM Operator: JS
Sample : AR1242 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	25991	21411	0.119	0.124
				Recovery	=	297.50%	310.00%
2) S	Decachlorobiphenyl	22.23	30.36	15828	7211	0.164m	0.163
				Recovery	=	410.00%	407.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	8.21	11.63	57994	44652	1.667	1.842
15) L4	Aroclor-1242 {2}	8.93	12.22	18855	19089	1.825	1.783
16) L4	Aroclor-1242 {3}	10.08	13.98	23300	18852	1.727	1.846
Total	Aroclor-1242			100148	82593	5.219	5.471
Average	Aroclor-1242					1.740	1.824
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB11.D Vial: 11
Signal #2 : D:\HPCHEM\5\JUN27A\PCB11.D\CONFIRM.D
Acq On : 27 Jun 96 11:31 PM Operator: JS
Sample : AR1242 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

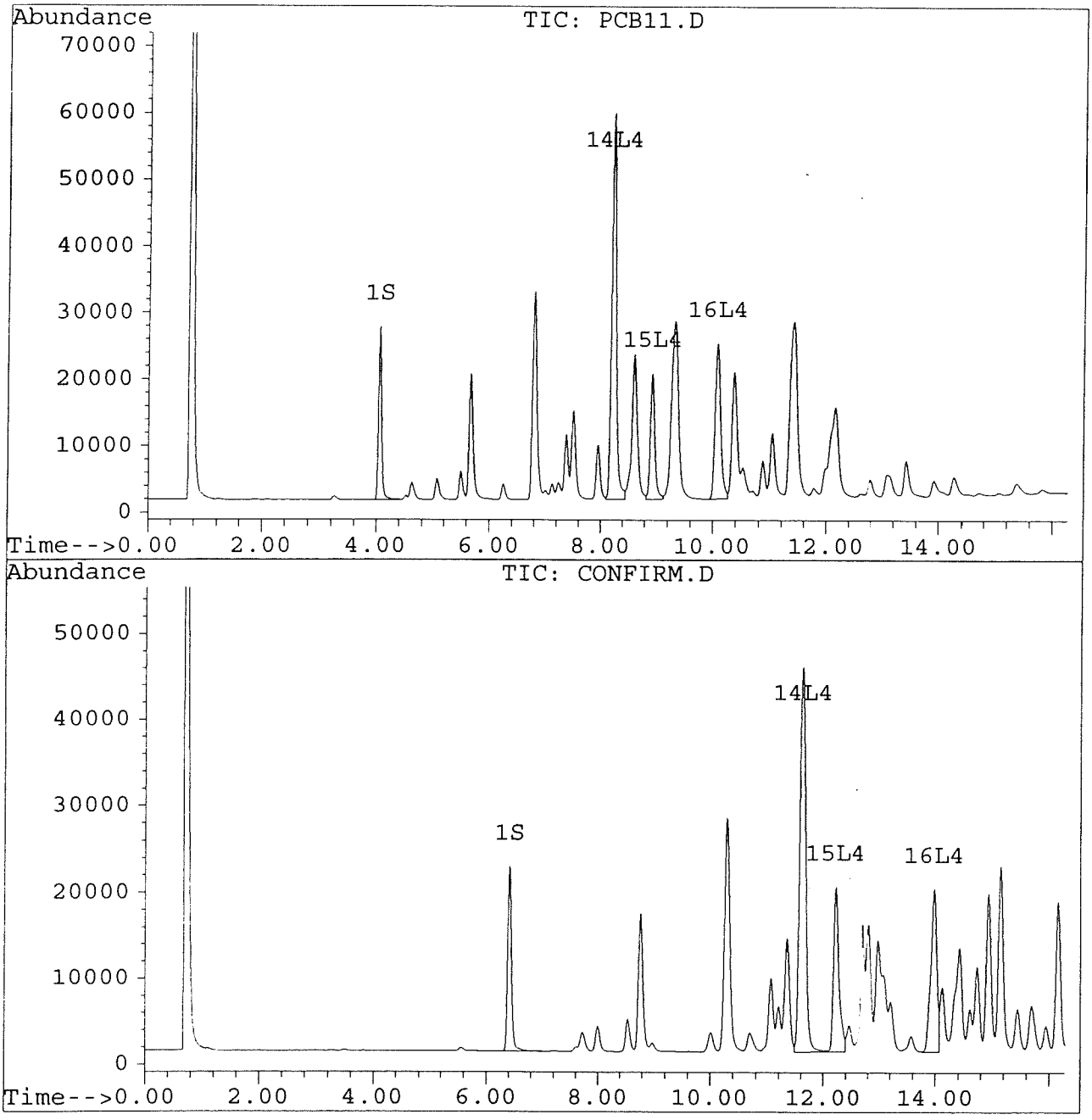
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB11.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB11.D\CONFIRM.D
Acq On : 27 Jun 96 11:31 PM
Sample : AR1242 5.0 UG/ML
Misc :
Quant Time: Jun 28 11:11 1996

Vial: 11
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB11.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB11.D\CONFIRM.D
Acq On : 27 Jun 96 11:31 PM
Sample : AR1242 5.0 UG/ML
Misc :
Quant Time: Jun 28 11:11 1996

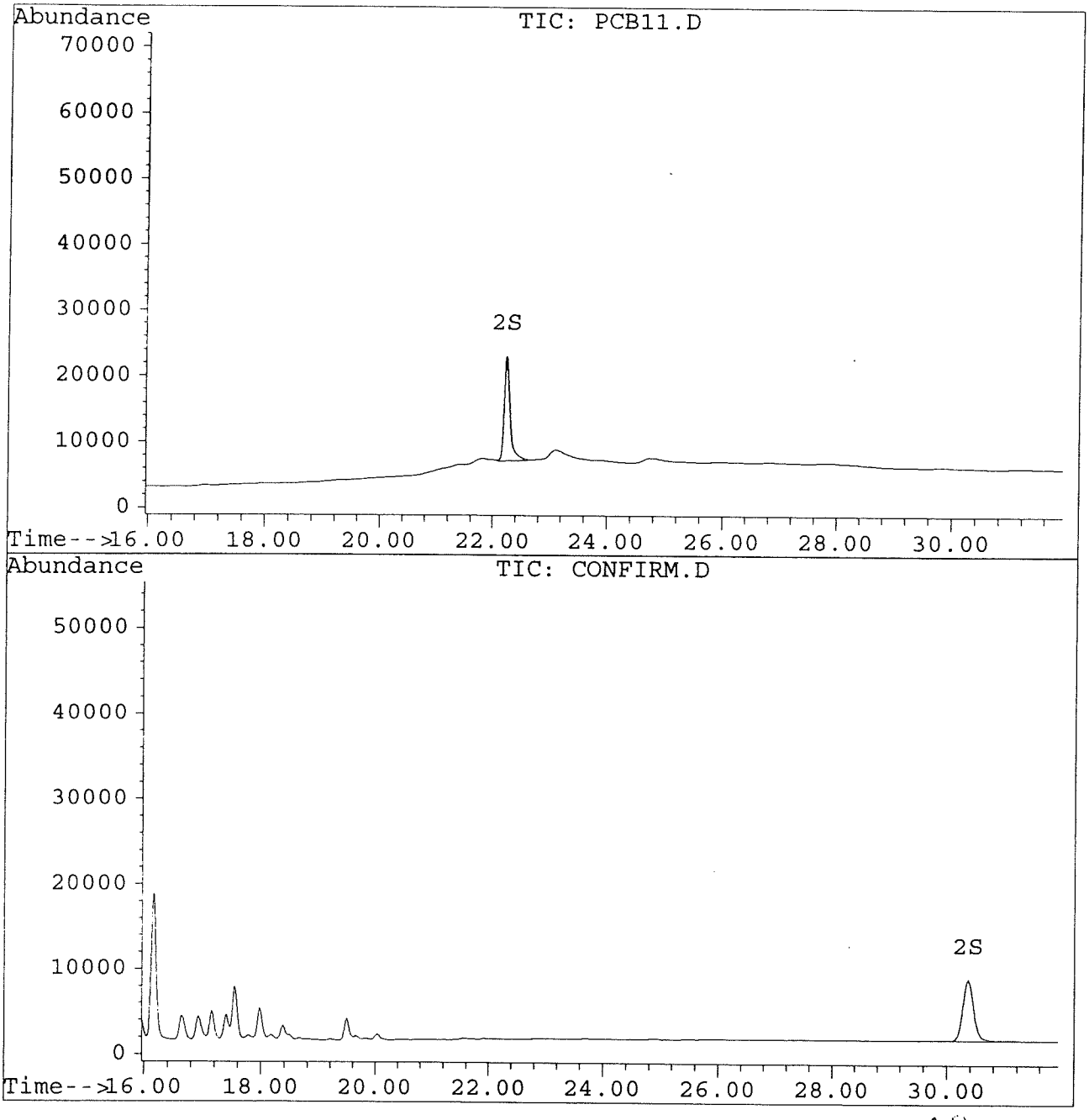
Vial: 11

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB12.D Vial: 12
Signal #2 : D:\HPCHEM\5\JUN27A\PCB12.D\CONFIRM.D
Acq On : 28 Jun 96 00:07 AM Operator: JS
Sample : AR1242 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	12907	10394	0.059	0.060
					Recovery	=	147.50%	150.00%
2)	S	Decachlorobiphenyl	22.24	30.36	7776	3403	0.080m	0.077
					Recovery	=	200.00%	192.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4)	M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6)	L1	Aroclor-1016 (2)	0.00	0.00	0	0	N.D.d	N.D.d
7)	L1	Aroclor-1016 (3)	0.00	0.00	0	0	N.D.d	N.D.d
		Total Aroclor-1016			0	0	N.D.	N.D.
		Average Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9)	L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.d	N.D.d
10)	L2	Aroclor-1221 (3)	0.00	0.00	0	0	N.D.d	N.D.d
		Total Aroclor-1221			0	0	N.D.	N.D.
		Average Aroclor-1221					0.000	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12)	L3	Aroclor-1232 (2)	0.00	0.00	0	0	N.D.d	N.D.d
13)	L3	Aroclor-1232 (3)	0.00	0.00	0	0	N.D.d	N.D.d
		Total Aroclor-1232			0	0	N.D.	N.D.
		Average Aroclor-1232					0.000	0.000
14)	L4	Aroclor-1242	8.22	11.63	30928	24111	0.889	0.994
15)	L4	Aroclor-1242 (2)	8.93	12.22	9397	10171	0.909	0.950
16)	L4	Aroclor-1242 (3)	10.08	13.98	12164	10057	0.901	0.985
		Total Aroclor-1242			52489	44338	2.700	2.930
		Average Aroclor-1242					0.900	0.977
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

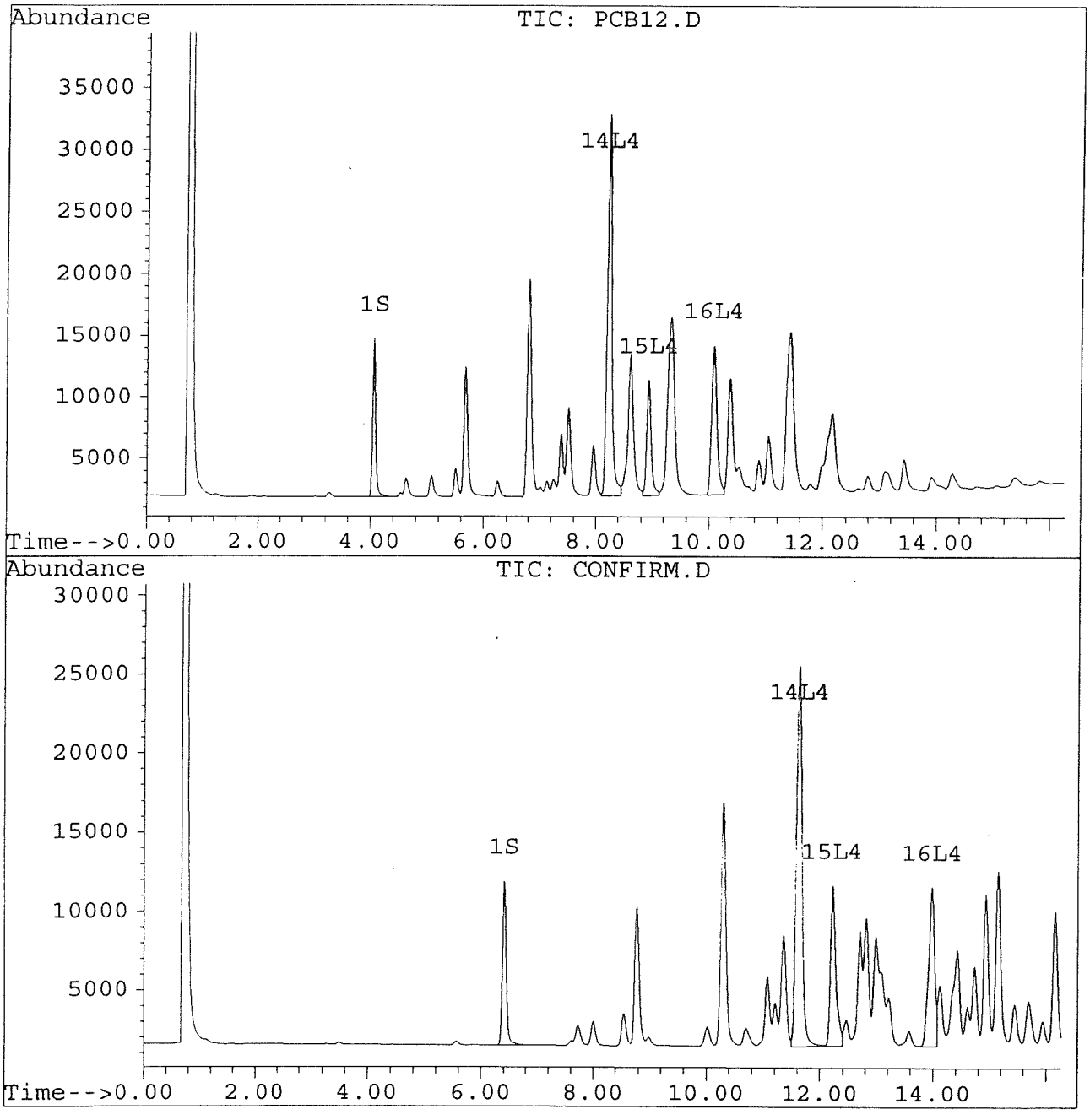
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB12.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB12.D\CONFIRM.D
Acq On : 28 Jun 96 00:07 AM
Sample : AR1242 2.5 UG/ML
Misc :
Quant Time: Jun 28 11:12 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB12.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB12.D\CONFIRM.D
Acq On : 28 Jun 96 00:07 AM
Sample : AR1242 2.5 UG/ML
Misc :
Quant Time: Jun 28 11:12 1996

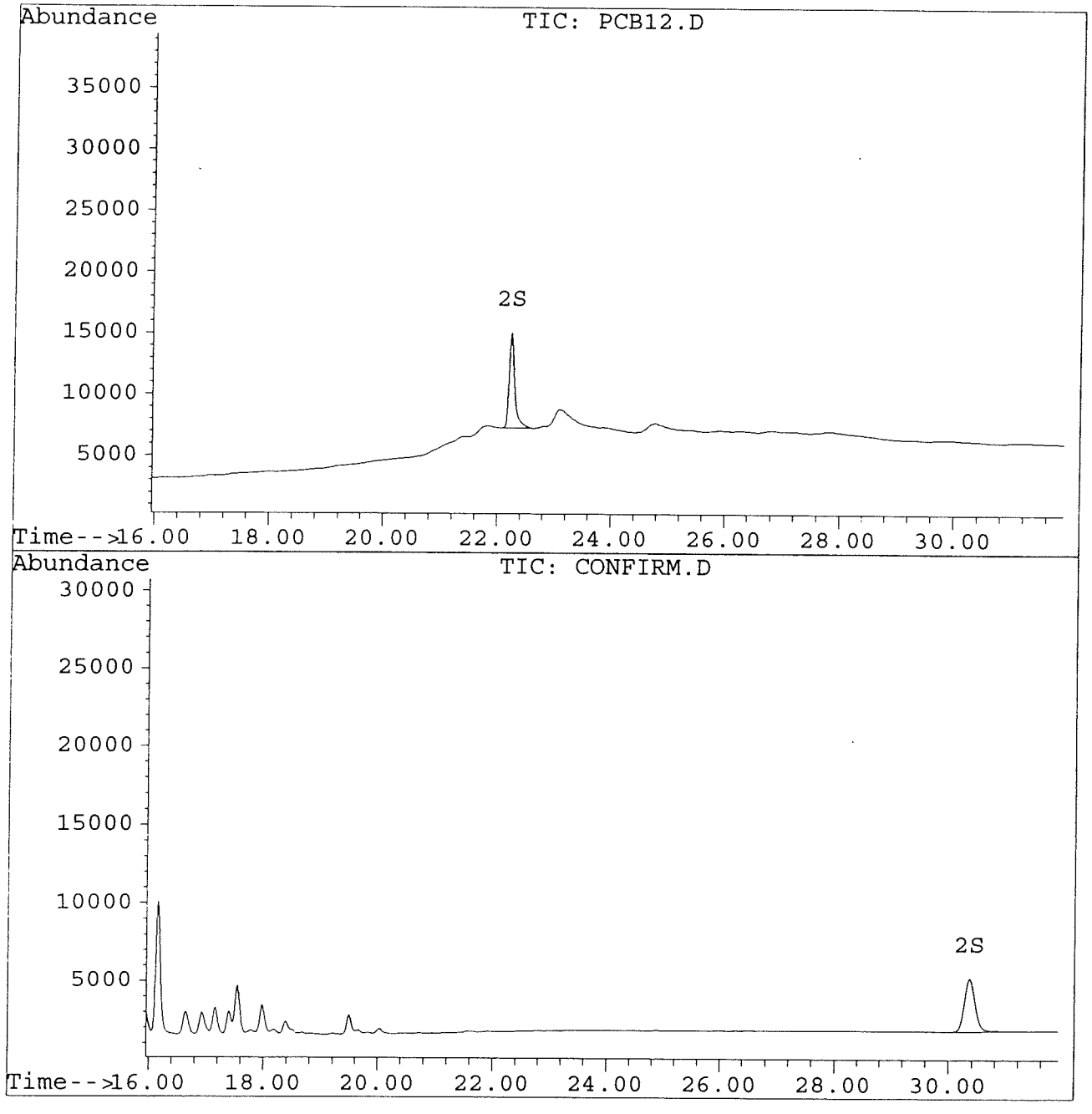
Vial: 12

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB13.D Vial: 13
Signal #2 : D:\HPCHEM\5\JUN27A\PCB13.D\CONFIRM.D
Acq On : 28 Jun 96 00:42 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	4666	3708	0.021	0.022
				Recovery	=	52.50%	55.00%
2) S	Decachlorobiphenyl	22.23	30.36	3479	1473	0.036m	0.033
				Recovery	=	90.00%	82.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	8.21	11.63	12931	9845	0.372	0.406
15) L4	Aroclor-1242 {2}	8.93	12.22	3695	4219	0.358	0.394
16) L4	Aroclor-1242 {3}	10.07	13.98	4950	4182	0.367	0.410
Total	Aroclor-1242			21576	18246	1.096	1.210
Average	Aroclor-1242					0.365	0.403
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB13.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB13.D\CONFIRM.D
Acq On : 28 Jun 96 00:42 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jun 28 11:22 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

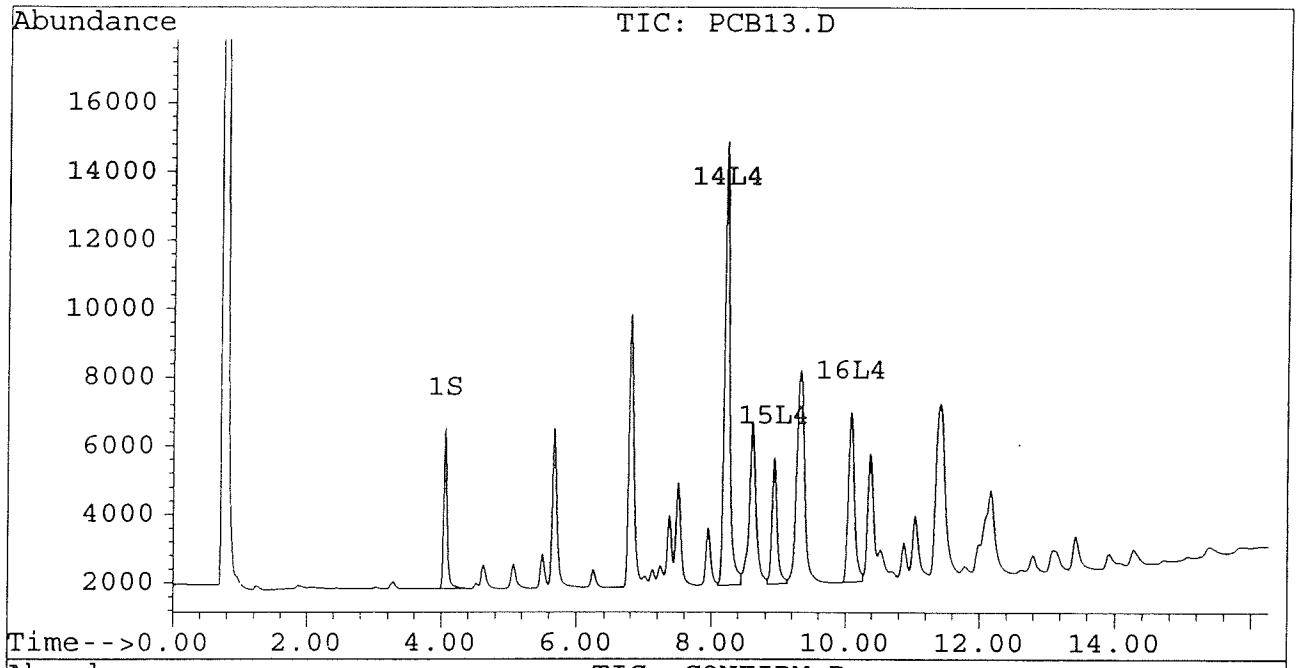
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

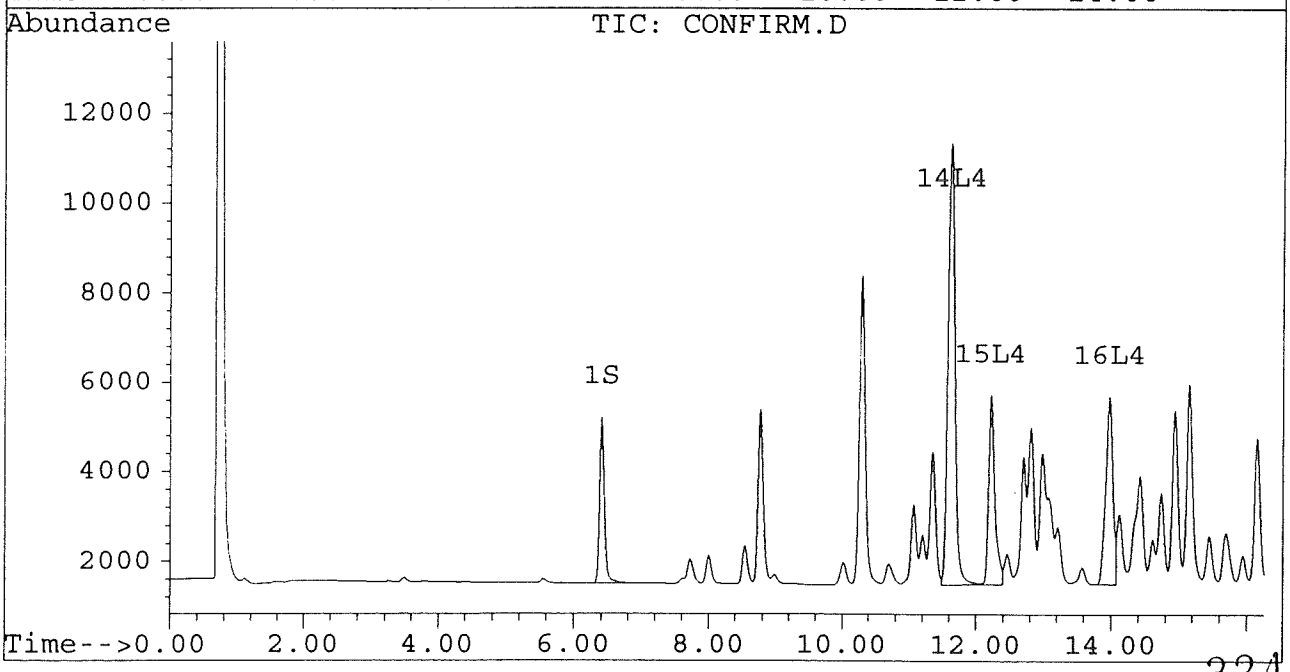
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB13.D Vial: 13
Signal #2 : D:\HPCHEM\5\JUN27A\PCB13.D\CONFIRM.D
Acq On : 28 Jun 96 00:42 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





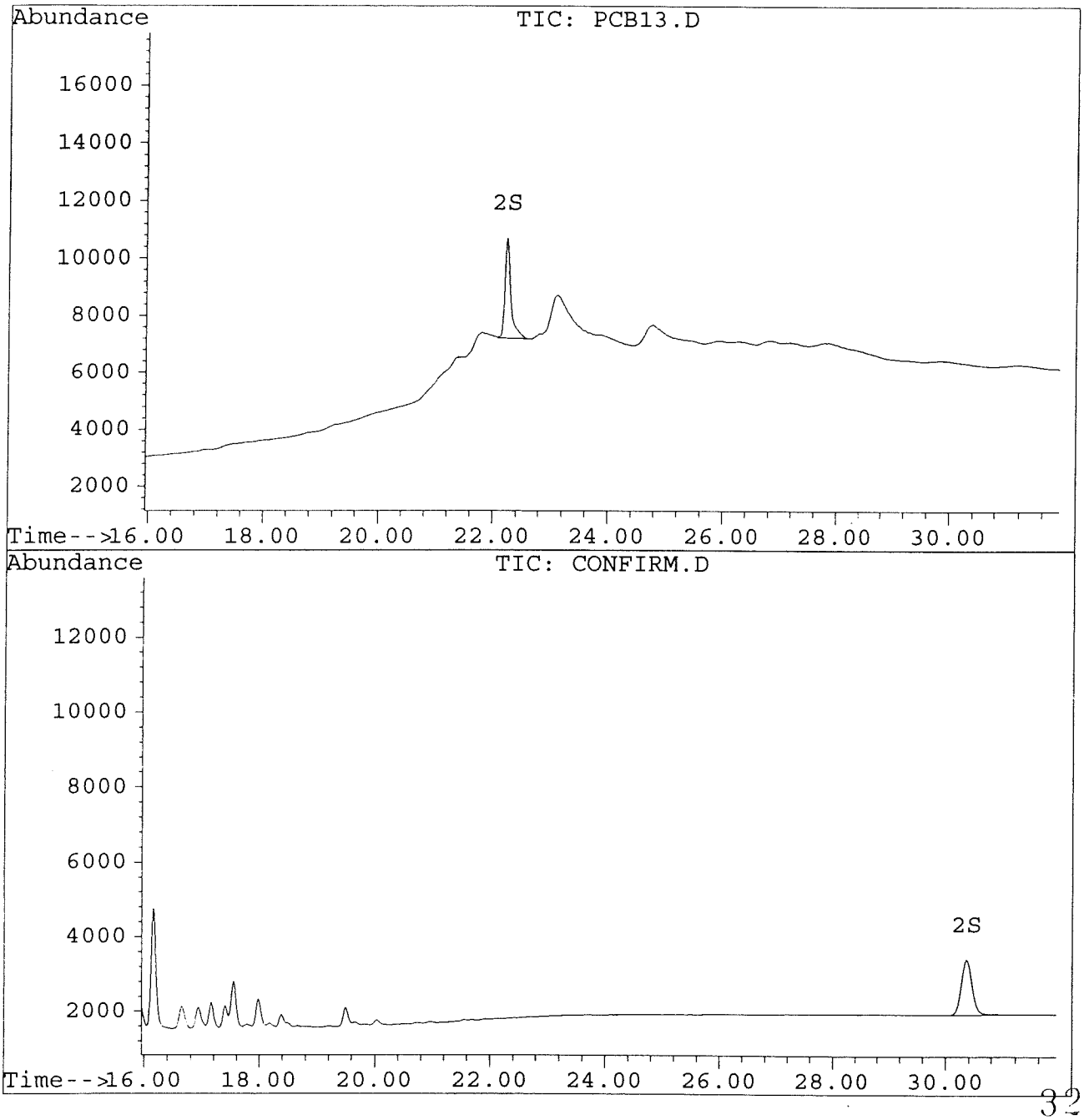
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB13.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB13.D\CONFIRM.D
Acq On : 28 Jun 96 00:42 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jun 28 11:22 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB14.D Vial: 14
Signal #2 : D:\HPCHEM\5\JUN27A\PCB14.D\CONFIRM.D
Acq On : 28 Jun 96 01:18 AM Operator: JS
Sample : AR1242 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	2160	1762	0.010	0.010
				Recovery	=	25.00%	25.00%
2) S	Decachlorobiphenyl	22.24	30.36	1963	809	0.020m	0.018
				Recovery	=	50.00%	45.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1	Aroclor-1016 (2)	0.00	0.00	0	0	N.D.d	N.D.d
7) L1	Aroclor-1016 (3)	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Aroclor-1221 (3)	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3	Aroclor-1232 (2)	0.00	0.00	0	0	N.D.d	N.D.d
13) L3	Aroclor-1232 (3)	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	8.21	11.63	6511	5005	0.187	0.206
15) L4	Aroclor-1242 (2)	8.93	12.22	1826	2174	0.177	0.203
16) L4	Aroclor-1242 (3)	10.07	13.98	2498	2150	0.185	0.211
Total	Aroclor-1242			10835	9329	0.549	0.620
Average	Aroclor-1242					0.183	0.207
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB14.D Vial: 14
Signal #2 : D:\HPCHEM\5\JUN27A\PCB14.D\CONFIRM.D
Acq On : 28 Jun 96 01:18 AM Operator: JS
Sample : AR1242 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

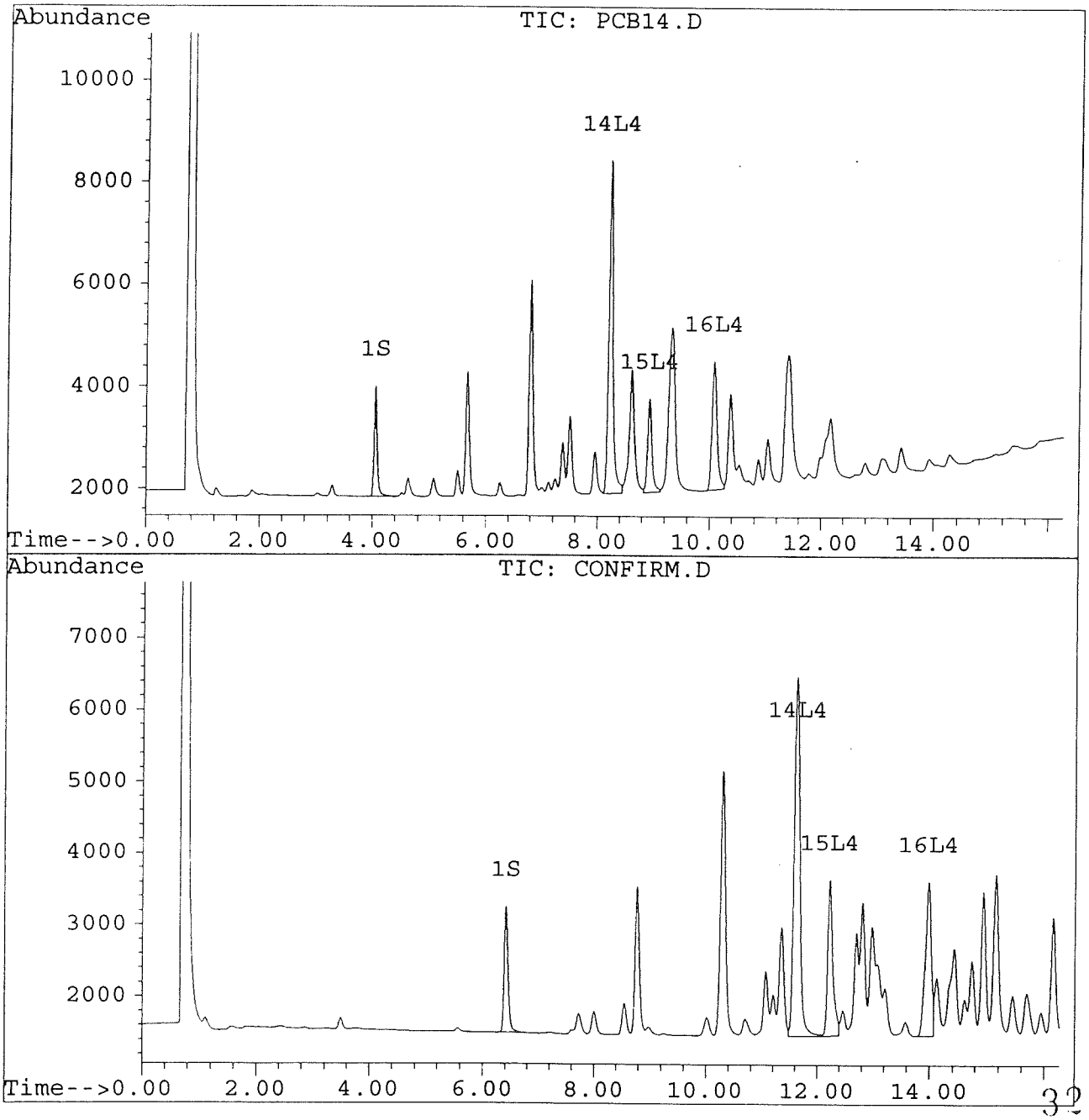
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB14.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB14.D\CONFIRM.D
Acq On : 28 Jun 96 01:18 AM
Sample : AR1242 0.5 UG/ML
Misc :
Quant Time: Jun 28 11:24 1996

Vial: 14
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB14.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB14.D\CONFIRM.D
Acq On : 28 Jun 96 01:18 AM
Sample : AR1242 0.5 UG/ML
Misc :
Quant Time: Jun 28 11:24 1996

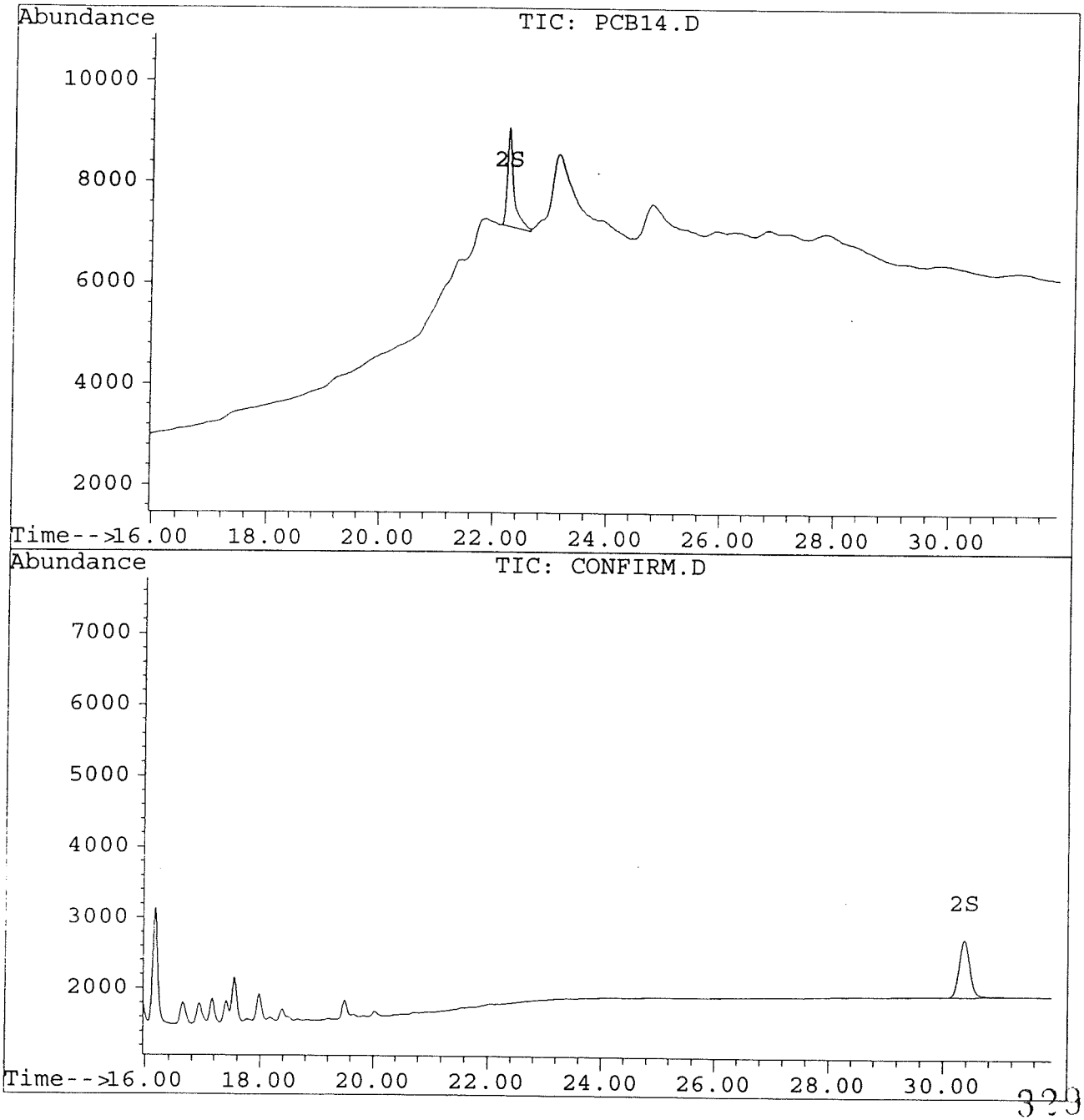
Vial: 14

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB15.D Vial: 15
Signal #2 : D:\HPCHEM\5\JUN27A\PCB15.D\CONFIRM.D
Acq On : 28 Jun 96 01:53 AM Operator: JS
Sample : AR1242 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	394	338	0.002	0.002
				Recovery	=	5.00%	5.00%
2) S	Decachlorobiphenyl	22.24	30.36	502	157	0.005m	0.004 #
				Recovery	=	12.50%	10.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	8.22	11.63	1246	1004	0.036	0.041m
15) L4	Aroclor-1242 {2}	8.93	12.23	353	445	0.034	0.042m
16) L4	Aroclor-1242 {3}	10.08	13.98	485	446	0.036	0.044m
Total	Aroclor-1242			2084	1895	0.106	0.127
Average	Aroclor-1242					0.035	0.042
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB15.D Vial: 15
Signal #2 : D:\HPCHEM\5\JUN27A\PCB15.D\CONFIRM.D
Acq On : 28 Jun 96 01:53 AM Operator: JS
Sample : AR1242 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

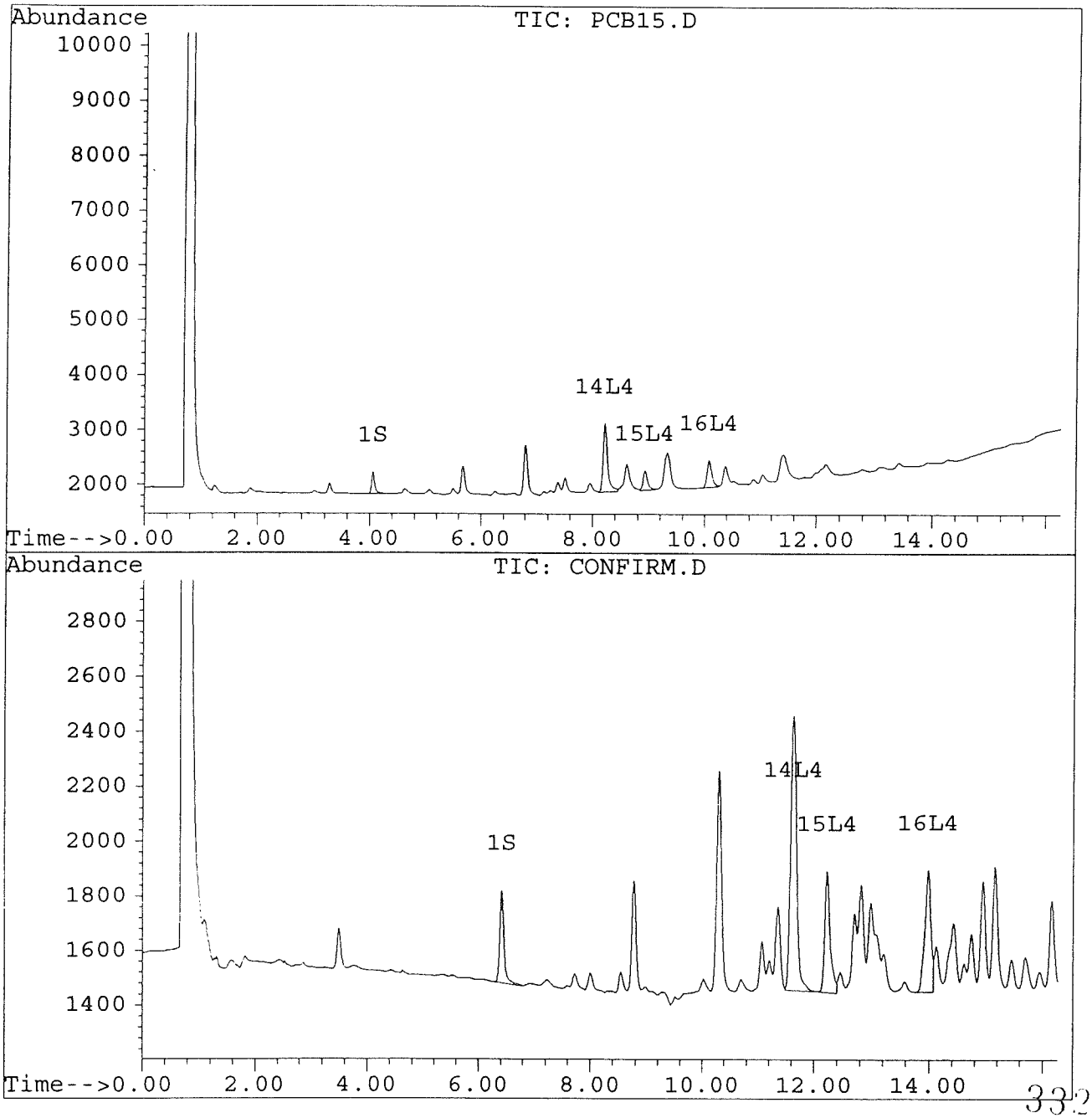
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB15.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB15.D\CONFIRM.D
Acq On : 28 Jun 96 01:53 AM
Sample : AR1242 0.1 UG/ML
Misc :
Quant Time: Jun 28 11:26 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB15.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB15.D\CONFIRM.D
Acq On : 28 Jun 96 01:53 AM
Sample : AR1242 0.1 UG/ML
Misc :
Quant Time: Jun 28 11:26 1996

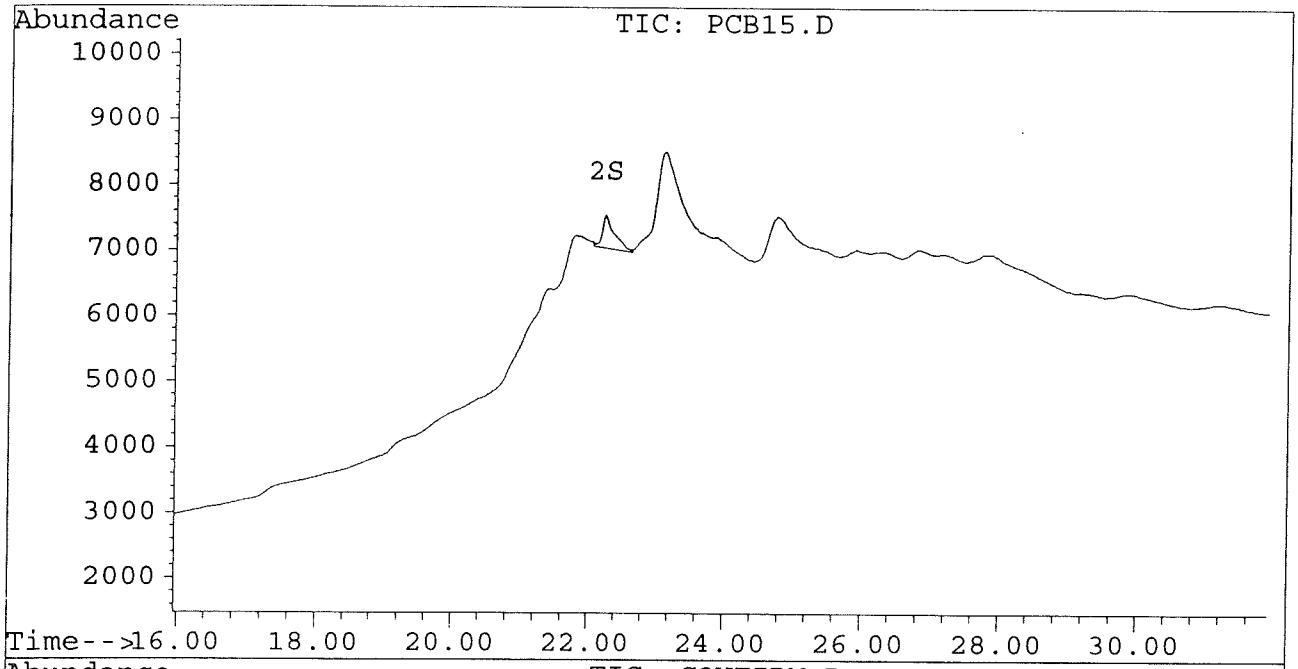
Vial: 15

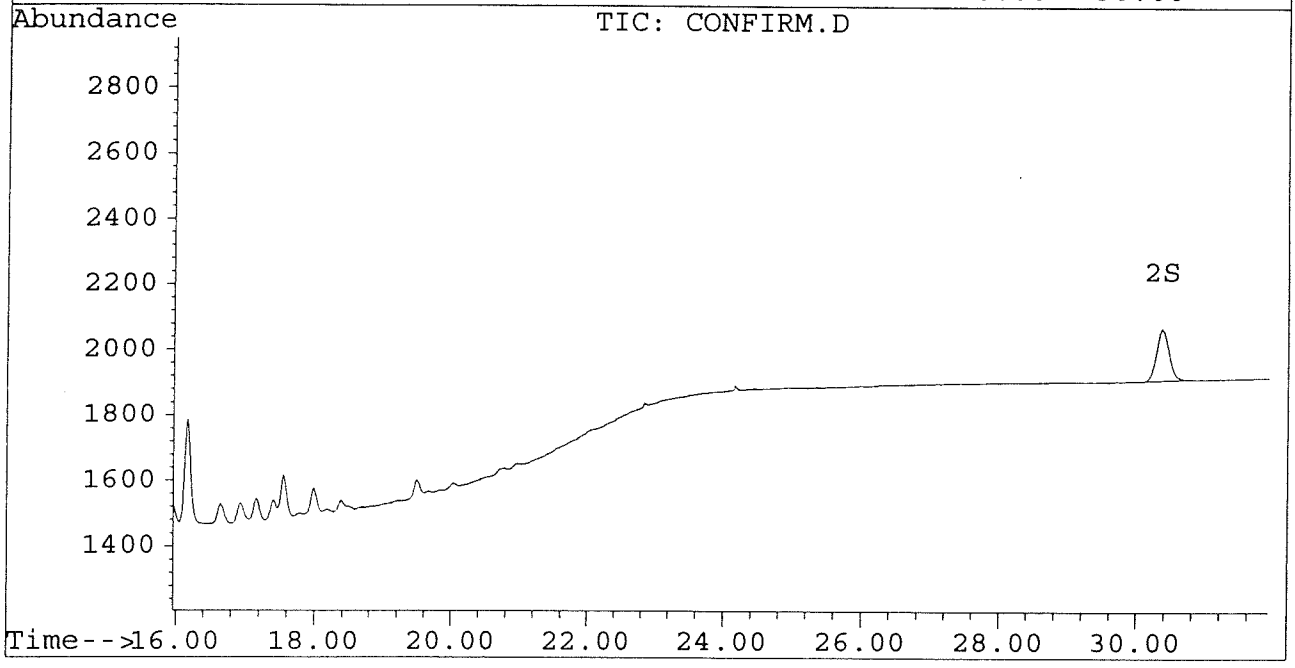
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630A.D Vial: 38
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630A.D\CONFIRM.D
Acq On : 28 Jun 96 08:59 AM Operator: JS
Sample : PCB COGENER 200 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	24175	19051	0.110	0.110
				Recovery	=	275.00%	275.00%
2) S	Decachlorobiphenyl	22.23	30.36	13964	6257	0.144m	0.141
				Recovery	=	360.00%	352.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.65	22289	21040	0.182	0.196
4) M	2,2',3,3',4,4'-Hexa	16.96	21.55	23704	29693	0.130m	0.189m#
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 (2)	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 (3)	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 (3)	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			0	0	N.D.	N.D.
	Average Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 (2)	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 (3)	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1232			0	0	N.D.	N.D.
	Average Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4	Aroclor-1242 (2)	0.00	0.00	0	0	N.D.	N.D.
16) L4	Aroclor-1242 (3)	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1242			0	0	N.D.	N.D.
	Average Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630A.D Vial: 38
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630A.D\CONFIRM.D
Acq On : 28 Jun 96 08:59 AM Operator: JS
Sample : PCB COGENER 200 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			**0**	**0**	**N.D.**	**N.D.**
Average Aroclor-1254					**0.000**	**0.000**
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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

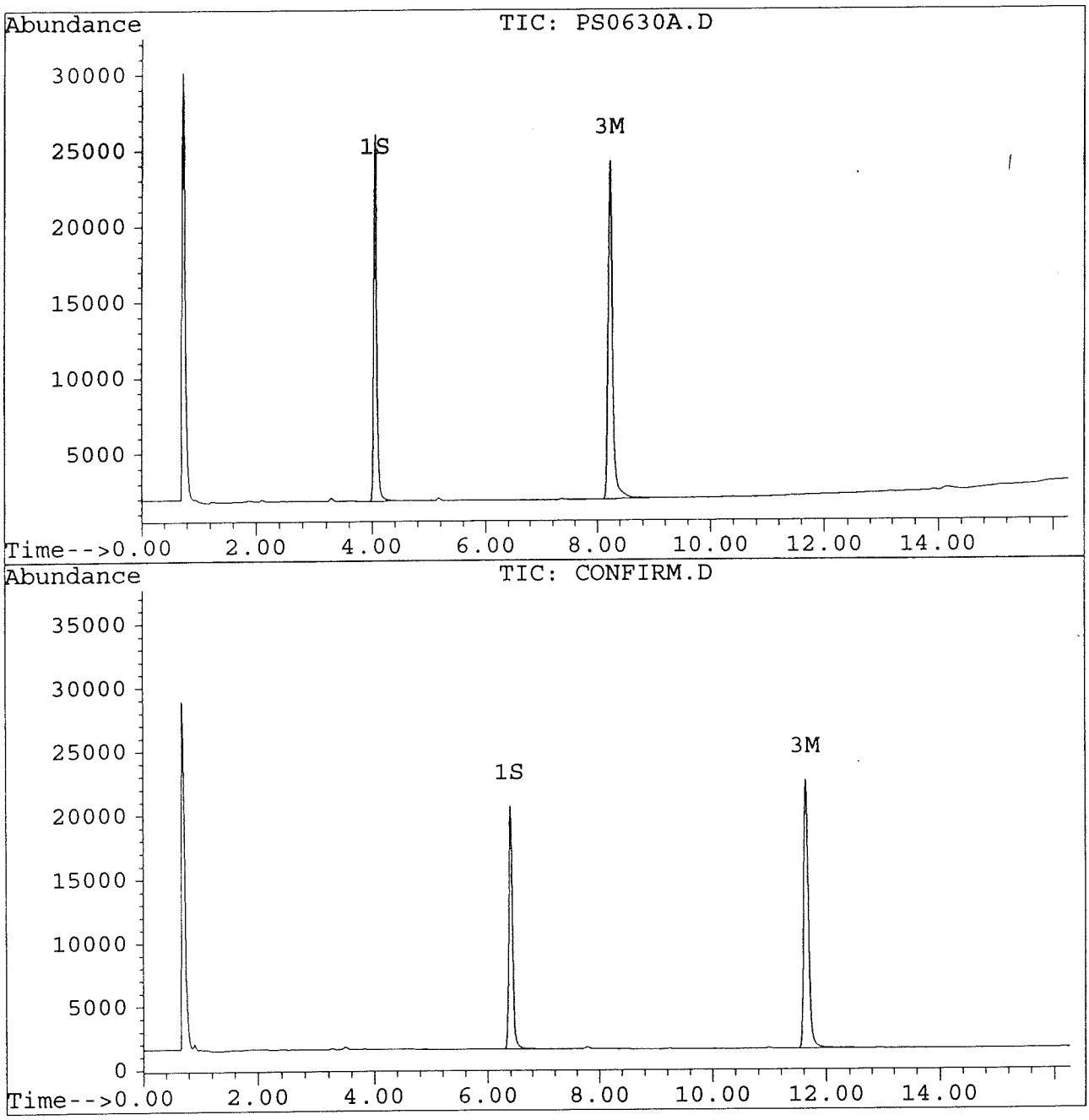
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630A.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630A.D\CONFIRM.D
Acq On : 28 Jun 96 08:59 AM
Sample : PCB COGENER 200 NG/ML
Misc :
Quant Time: Jun 28 11:27 1996

Vial: 38
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

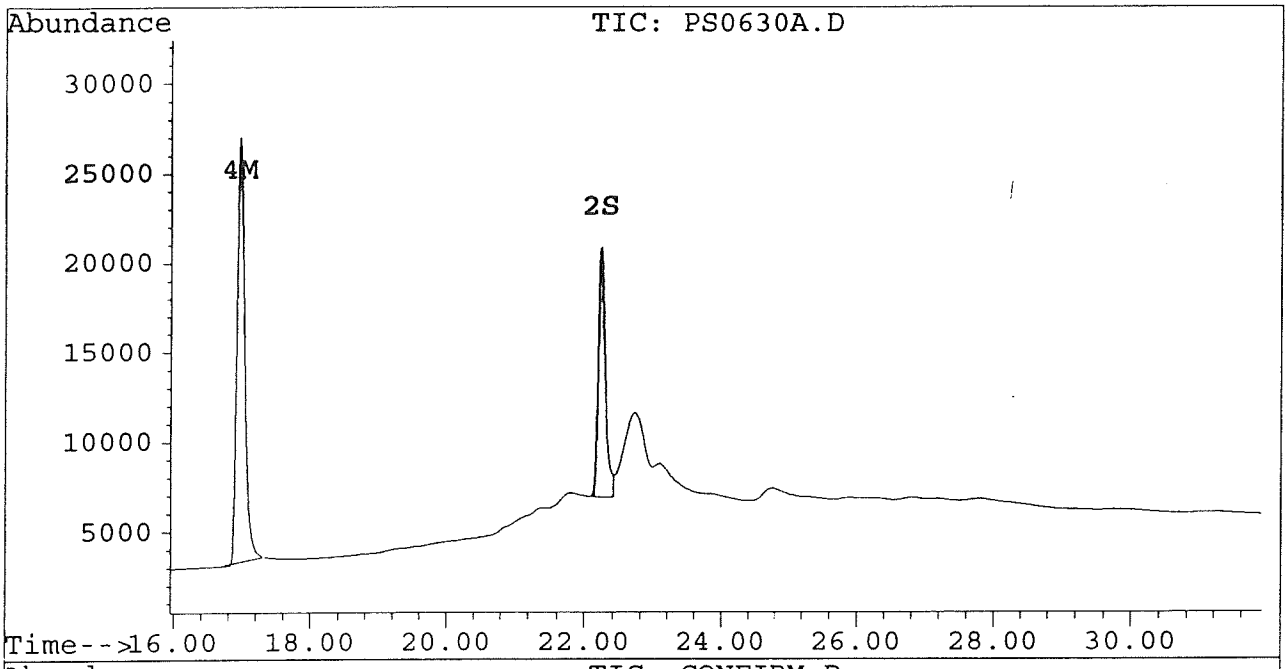


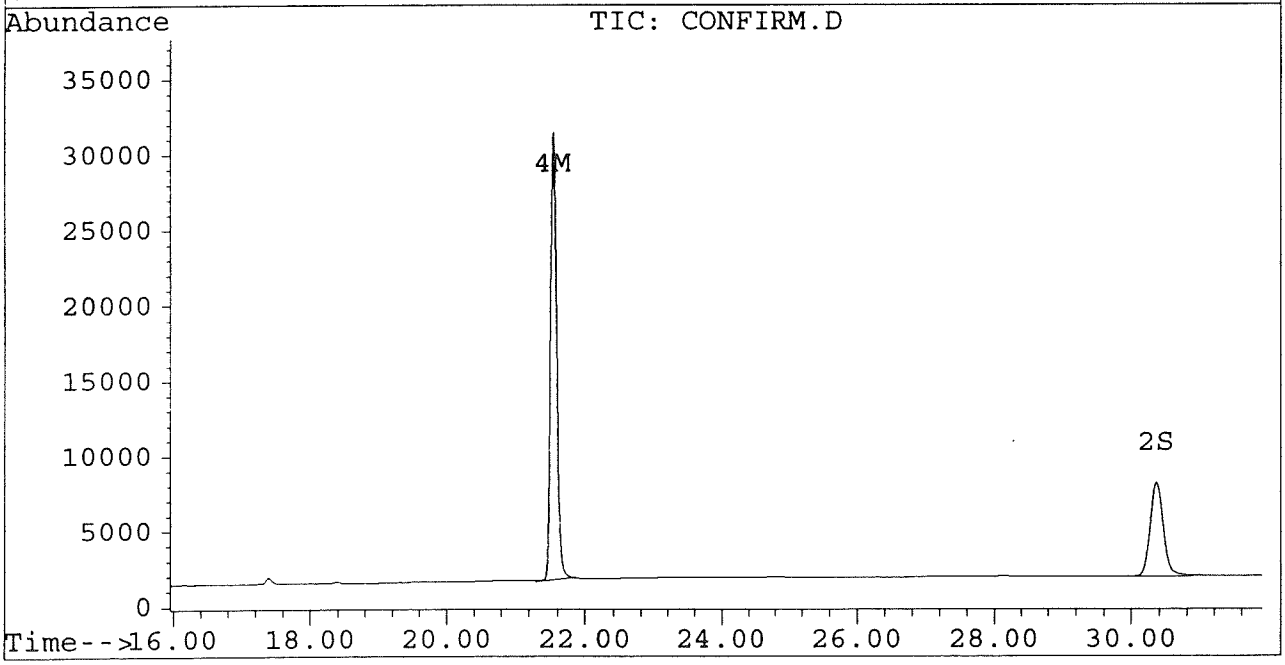
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630A.D Vial: 38
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630A.D\CONFIRM.D
Acq On : 28 Jun 96 08:59 AM Operator: JS
Sample : PCB COGENER 200 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 11:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630B.D Vial: 39
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630B.D\CONFIRM.D
Acq On : 28 Jun 96 09:35 AM Operator: JS
Sample : PCB COGENER 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:10 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	10503	8300	0.048	0.048
				Recovery	=	120.00%	120.00%
2) S	Decachlorobiphenyl	22.23	30.36	6968	3049	0.072m	0.069
				Recovery	=	180.00%	172.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.65	10254	10066	0.084	0.094
4) M	2,2',3,3',4,4'-Hexa	16.96	21.55	9907	13920	0.054m	0.089m#
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			0	0	N.D.	N.D.
	Average Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1232			0	0	N.D.	N.D.
	Average Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1242			0	0	N.D.	N.D.
	Average Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630B.D Vial: 39
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630B.D\CONFIRM.D
Acq On : 28 Jun 96 09:35 AM Operator: JS
Sample : PCB COGENER 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:10 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			**0**	**0**	**N.D.**	**N.D.**
Average Aroclor-1254					**0.000**	**0.000**
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

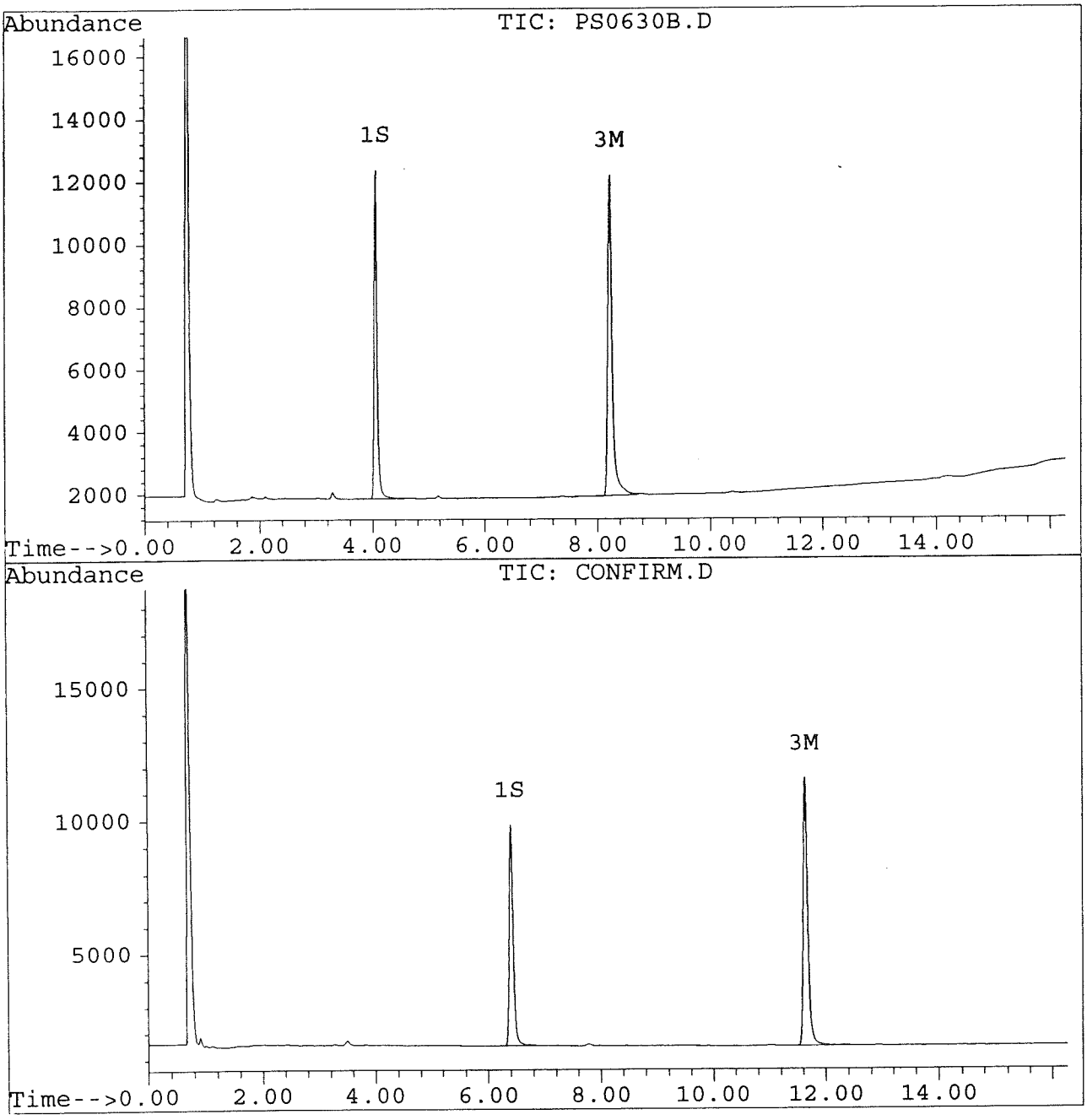
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630B.D Vial: 39
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630B.D\CONFIRM.D
Acq On : 28 Jun 96 09:35 AM Operator: JS
Sample : PCB COGENER 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:10 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

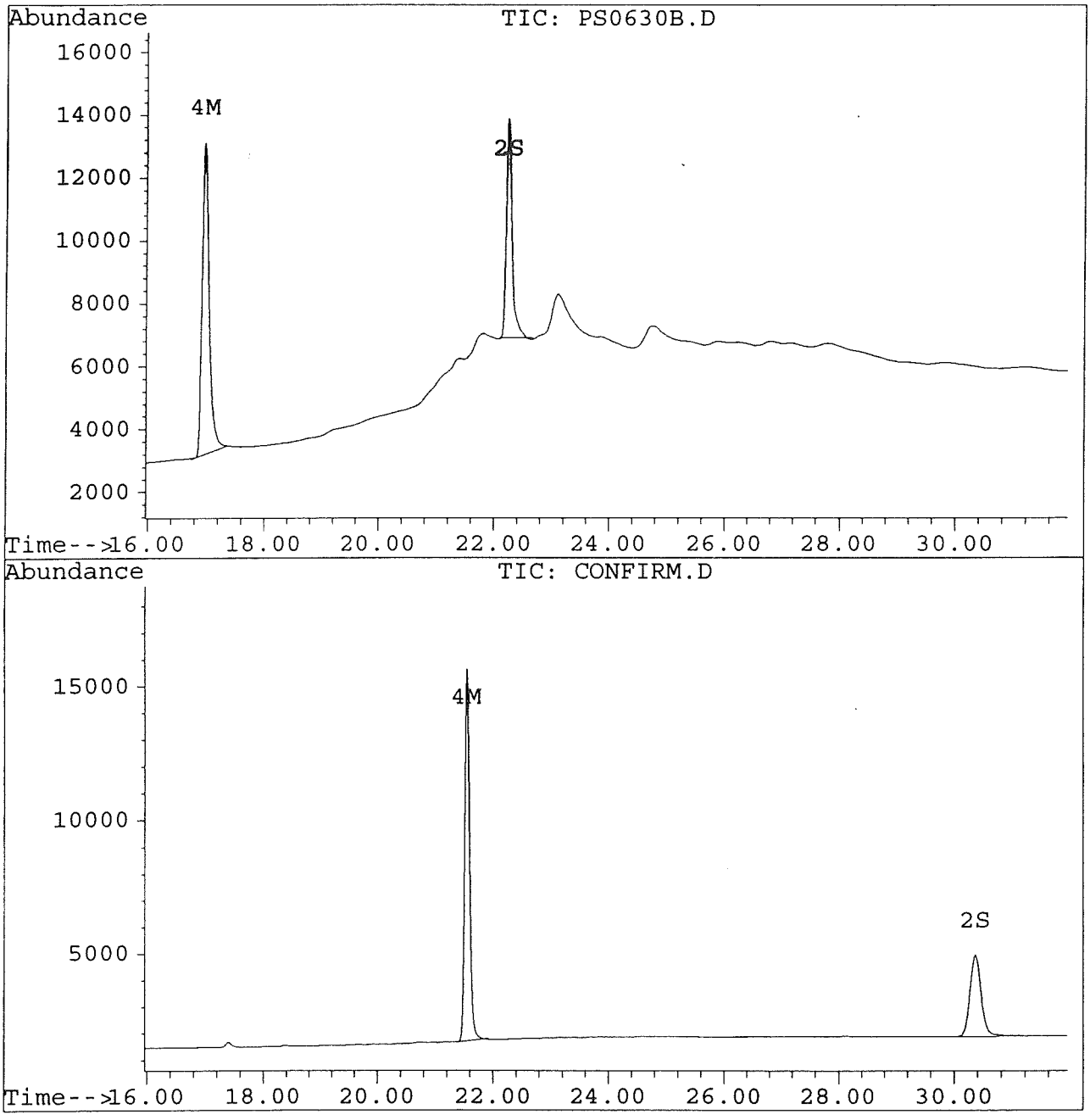


Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630B.D Vial: 39
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630B.D\CONFIRM.D
Acq On : 28 Jun 96 09:35 AM Operator: JS
Sample : PCB COGENER 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:10 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630C.D Vial: 40
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630C.D\CONFIRM.D
Acq On : 28 Jun 96 10:11 AM Operator: JS
Sample : PCB COGENER 50 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	4953	3944	0.023	0.023
					Recovery	=	57.50%	57.50%
2)	S	Decachlorobiphenyl	22.23	30.37	3449	2751	0.036m	0.062 #
					Recovery	=	90.00%	155.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.65	5136	5038	0.042	0.047
4)	M	2,2',3,3',4,4'-Hexa	16.96	21.55	4206	6506	0.023m	0.041m#
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.d	N.D.d
15)	L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16)	L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1242			0	0	N.D.	N.D.
		Average Aroclor-1242					0.000	0.000
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630C.D Vial: 40
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630C.D\CONFIRM.D
Acq On : 28 Jun 96 10:11 AM Operator: JS
Sample : PCB COGENER 50 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	**Aroclor-1254**			**0**	**0**	**N.D.**	**N.D.**
Average	**Aroclor-1254**					0.000	0.000
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

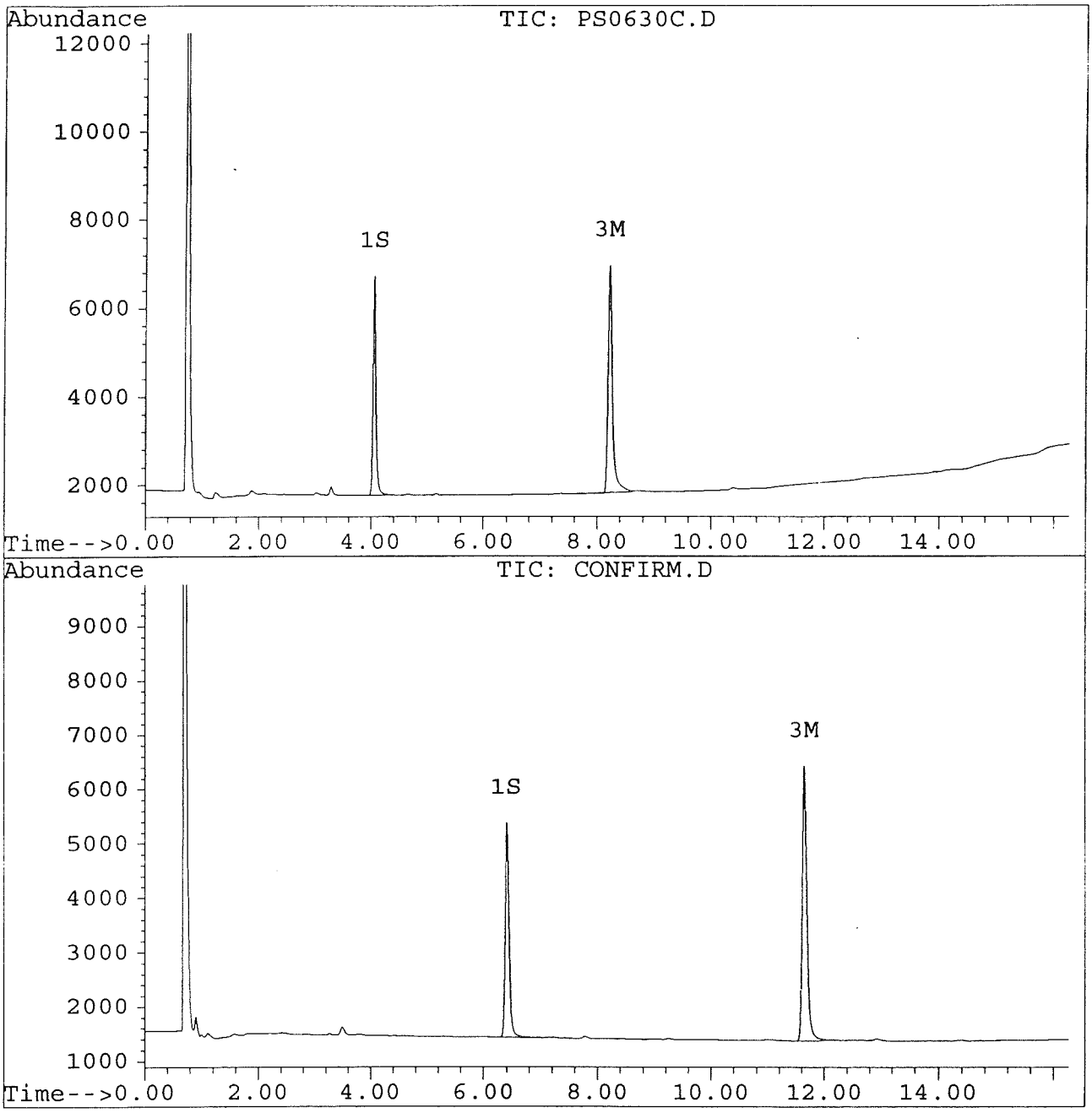
313

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630C.D Vial: 40
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630C.D\CONFIRM.D
Acq On : 28 Jun 96 10:11 AM Operator: JS
Sample : PCB COGENER 50 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



211

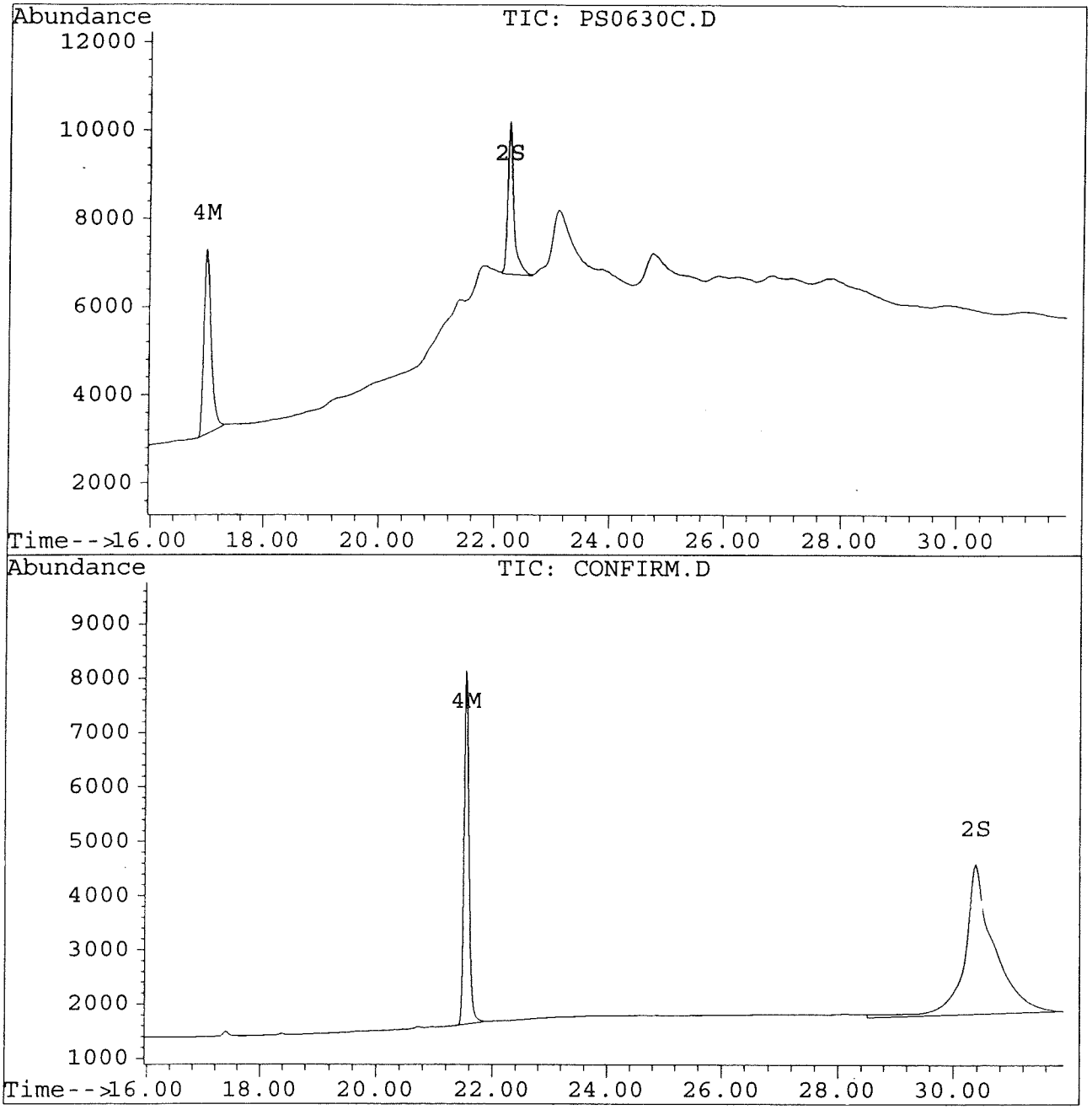
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630C.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630C.D\CONFIRM.D
Acq On : 28 Jun 96 10:11 AM
Sample : PCB COGENER 50 NG/ML
Misc :
Quant Time: Jun 28 13:11 1996

Vial: 40
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630D.D Vial: 41
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630D.D\CONFIRM.D
Acq On : 28 Jun 96 10:46 AM Operator: JS
Sample : PCB COGENER 25 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	2329	1894	0.011	0.011
					Recovery	=	27.50%	27.50%
2)	S	Decachlorobiphenyl	22.23	30.36	1844	778	0.019m	0.018m
					Recovery	=	47.50%	45.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.65	2575	2599	0.021	0.024
4)	M	2,2',3,3',4,4'-Hexa	16.97	21.55	2009	3333	0.011m	0.021m#
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.d	N.D.d
15)	L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16)	L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1242			0	0	N.D.	N.D.
		Average Aroclor-1242					0.000	0.000
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630D.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630D.D\CONFIRM.D
Acq On : 28 Jun 96 10:46 AM
Sample : PCB COGENER 25 NG/ML
Misc :
Quant Time: Jun 28 13:12 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630D.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630D.D\CONFIRM.D
Acq On : 28 Jun 96 10:46 AM
Sample : PCB COGENER 25 NG/ML
Misc :
Quant Time: Jun 28 13:12 1996

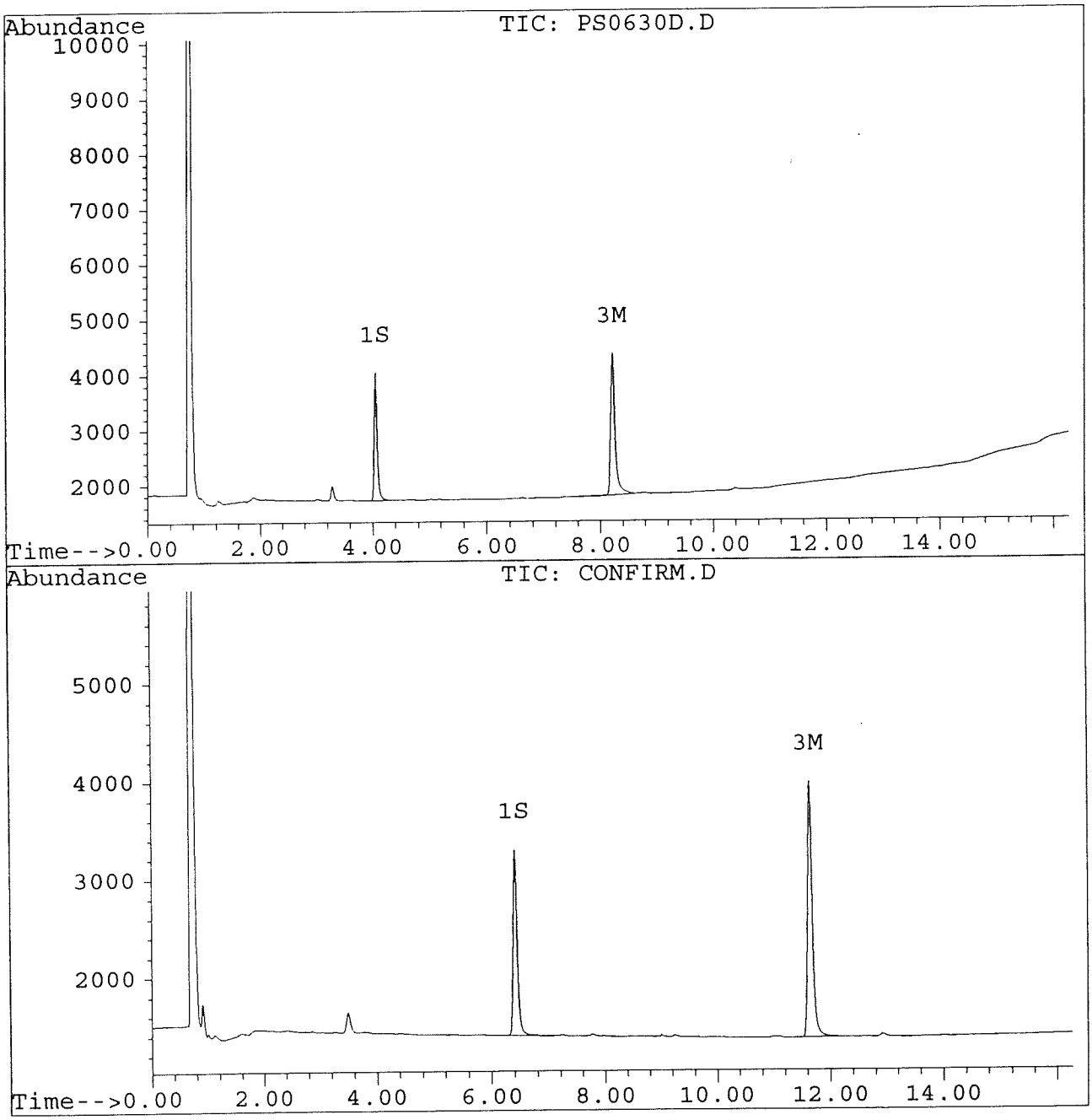
Vial: 41

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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

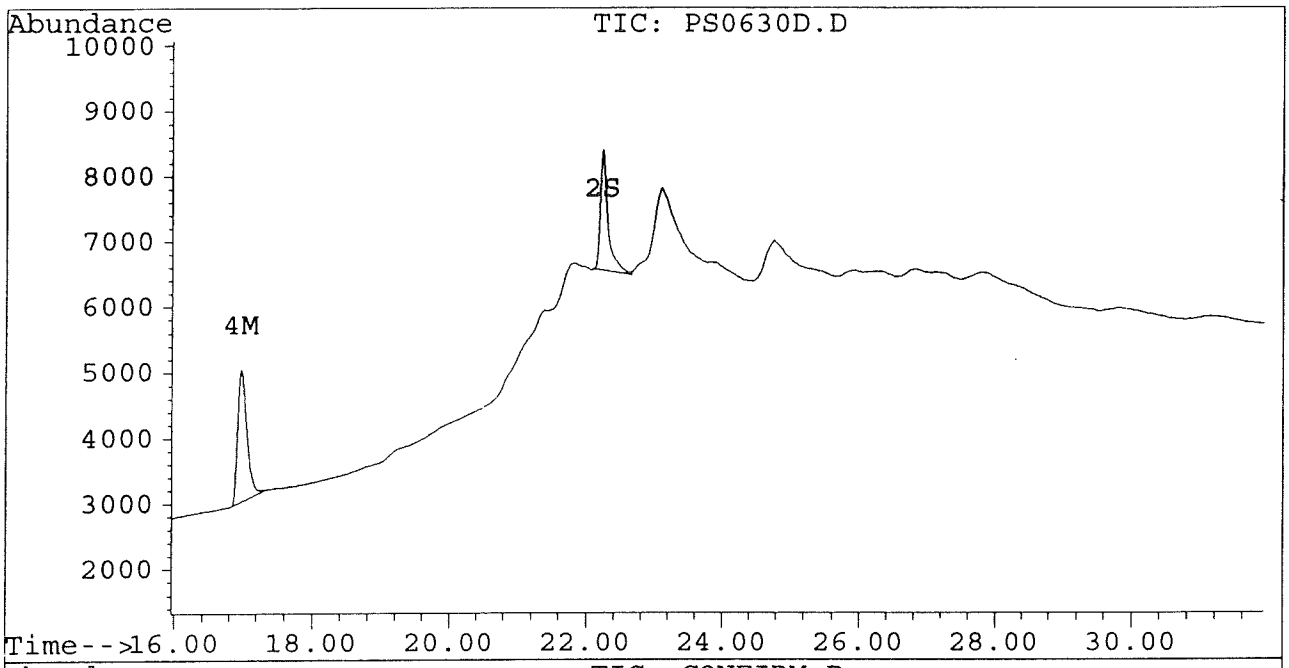


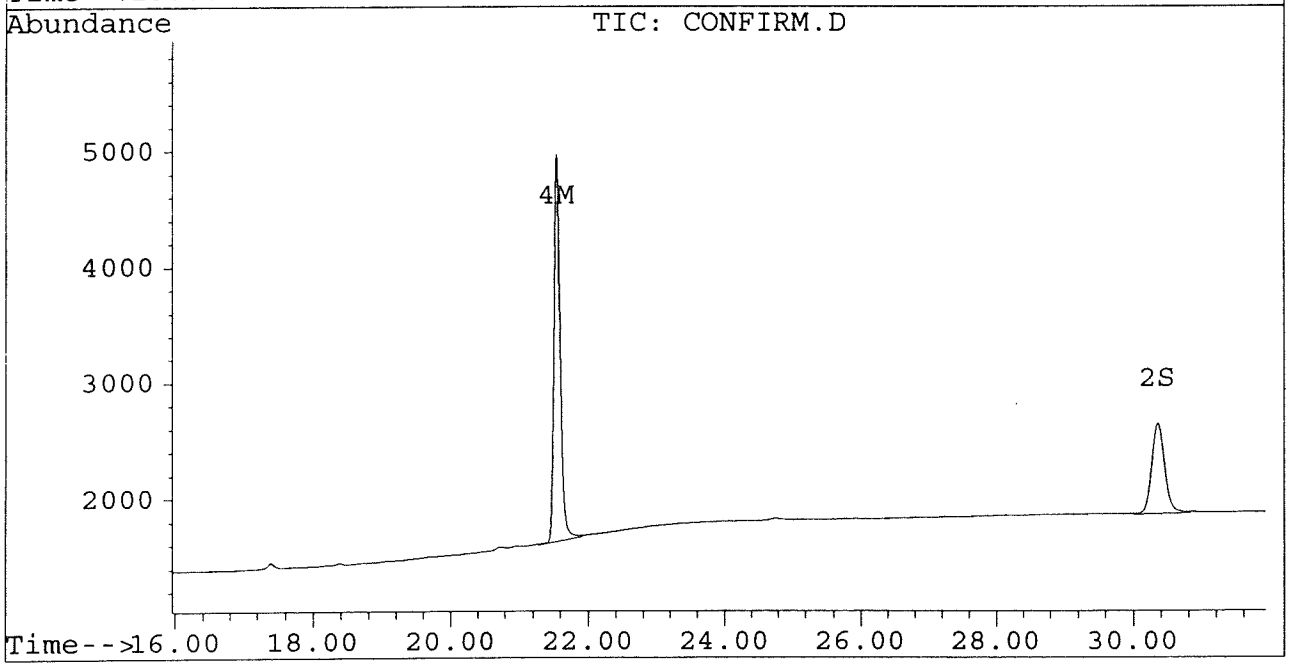
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630D.D Vial: 41
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630D.D\CONFIRM.D
Acq On : 28 Jun 96 10:46 AM Operator: JS
Sample : PCB COGENER 25 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630E.D Vial: 42
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630E.D\CONFIRM.D
Acq On : 28 Jun 96 11:22 AM Operator: JS
Sample : PCB COGENER 12.5 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	1048	894	0.005m	0.005
					Recovery	=	12.50%	12.50%
2)	S	Decachlorobiphenyl	22.23	30.36	942	386	0.010m	0.009m
					Recovery	=	25.00%	22.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.65	1163	1249	0.010m	0.012m
4)	M	2,2',3,3',4,4'-Hexa	16.97	21.55	1029	1572	0.006m	0.010m#
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6)	L1	Aroclor-1016 (2)	0.00	0.00	0	0	N.D.	N.D.
7)	L1	Aroclor-1016 (3)	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1016			0	0	N.D.	N.D.
		Average Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9)	L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.d	N.D.d
10)	L2	Aroclor-1221 (3)	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1221			0	0	N.D.	N.D.
		Average Aroclor-1221					0.000	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 (2)	0.00	0.00	0	0	N.D.d	N.D.d
13)	L3	Aroclor-1232 (3)	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1232			0	0	N.D.	N.D.
		Average Aroclor-1232					0.000	0.000
14)	L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15)	L4	Aroclor-1242 (2)	0.00	0.00	0	0	N.D.	N.D.
16)	L4	Aroclor-1242 (3)	0.00	0.00	0	0	N.D.d	N.D.d
		Total Aroclor-1242			0	0	N.D.	N.D.
		Average Aroclor-1242					0.000	0.000
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
18)	L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630E.D Vial: 42
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630E.D\CONFIRM.D
Acq On : 28 Jun 96 11:22 AM Operator: JS
Sample : PCB COGENER 12.5 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

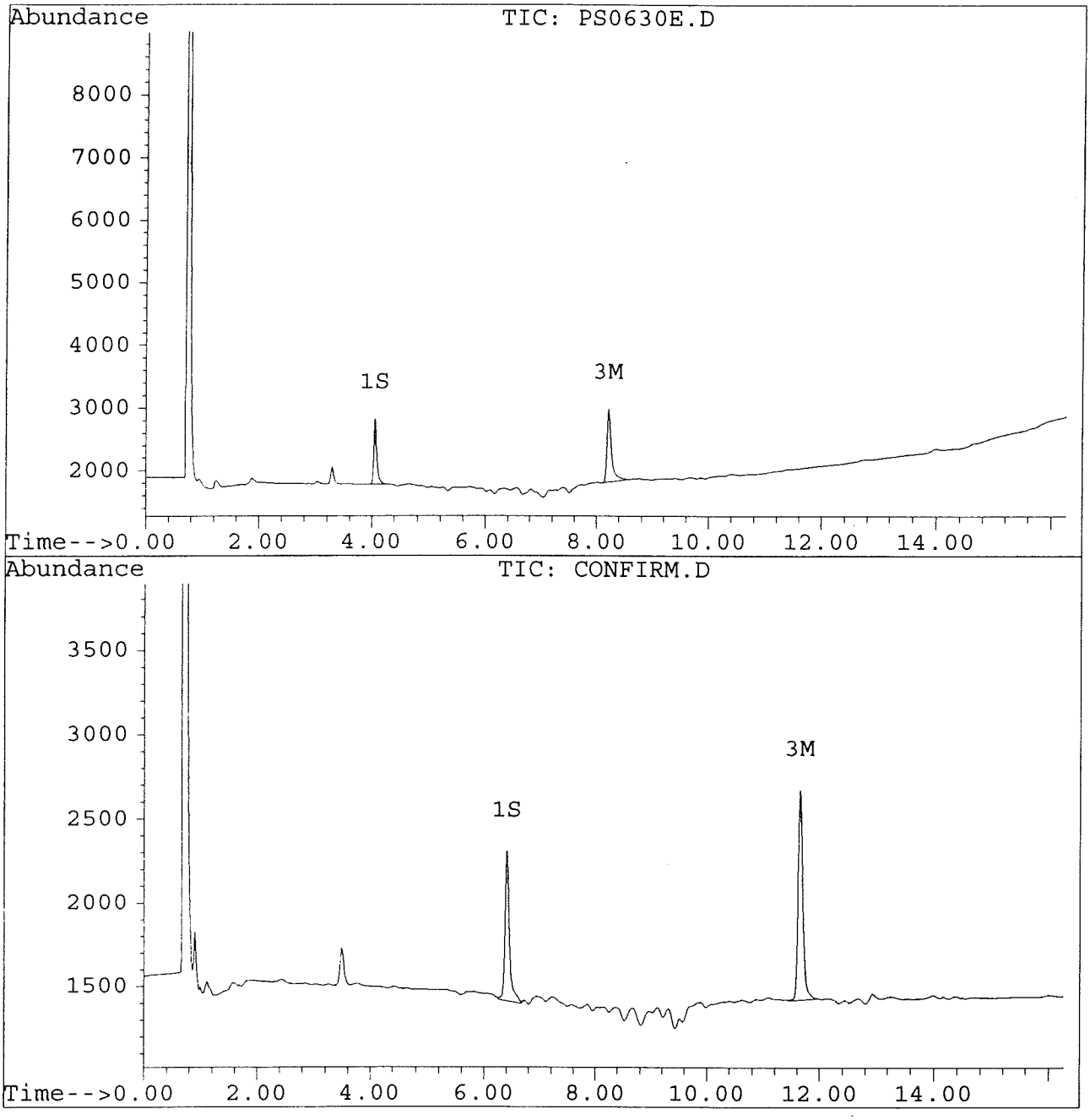
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630E.D Vial: 42
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630E.D\CONFIRM.D
Acq On : 28 Jun 96 11:22 AM Operator: JS
Sample : PCB COGENER 12.5 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630E.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630E.D\CCNFIRM.D
Acq On : 28 Jun 96 11:22 AM
Sample : PCB COGENER 12.5 NG/ML
Misc :
Quant Time: Jun 28 13:14 1996

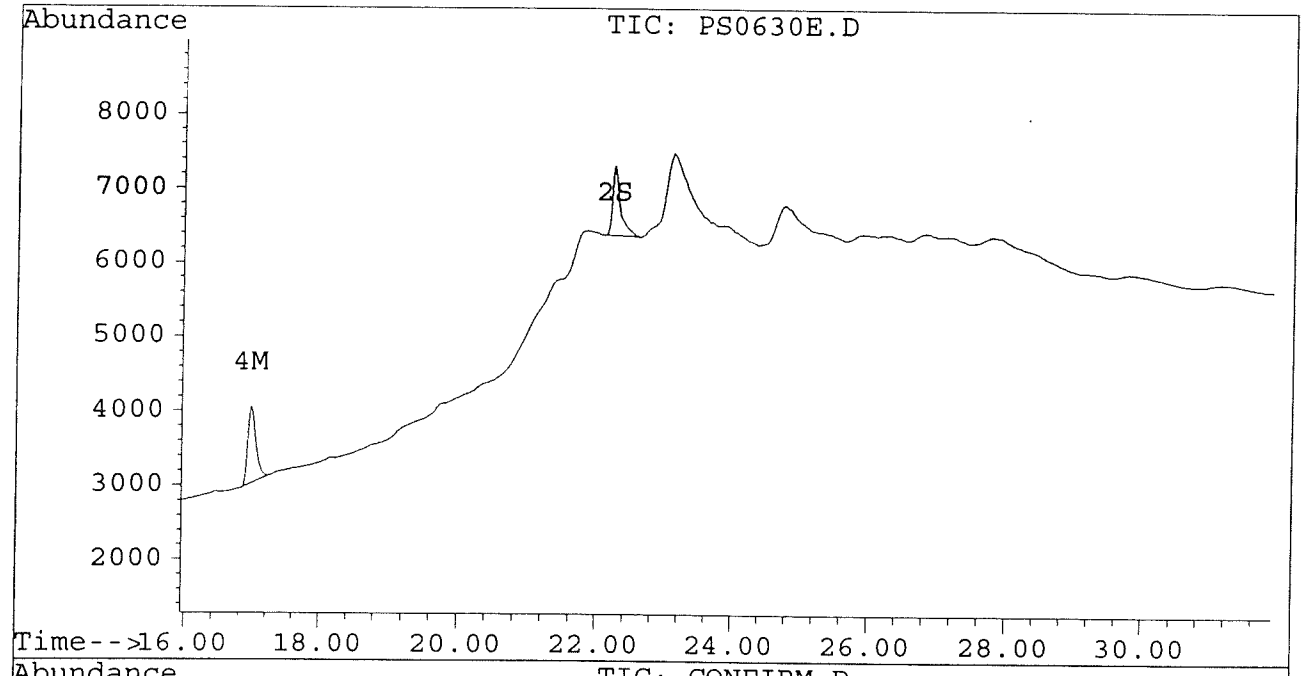
Vial: 42

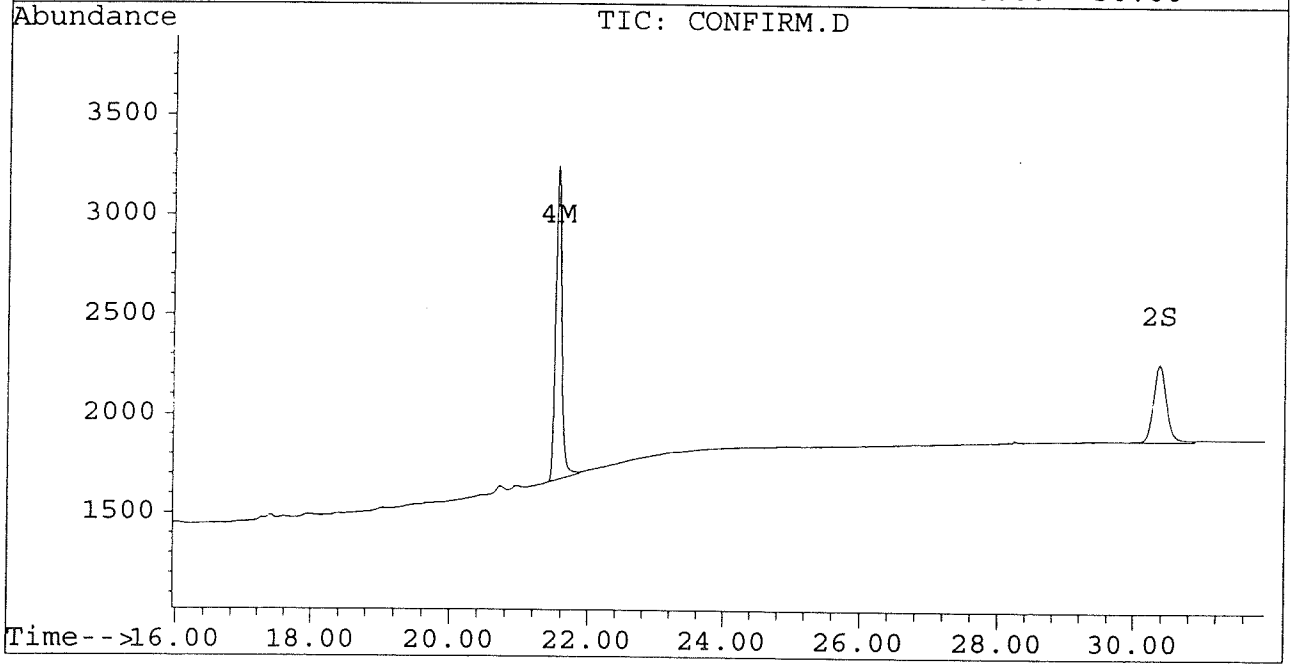
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628A.D Vial: 23
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628A.D\CONFIRM.D
Acq On : 28 Jun 96 06:38 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.05	6.41	4568	3666	0.020	0.020	
					Recovery	=	50.00%	50.00%	
2)	S	Decachlorobiphenyl	22.23	30.36	7110	1599	0.035	0.020	#
					Recovery	=	87.50%	50.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.21	11.63	17302	13345	0.170	0.132	
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.58	7599	1736	0.082	0.013	#
5)	L1	Aroclor-1016	6.79	8.77	10388	4449	0.340	0.338	
6)	L1	Aroclor-1016 {2}	8.93	10.29	5016	9056	0.333	0.338	
7)	L1	Aroclor-1016 {3}	9.33	12.22	8374	5620	0.342	0.338	
		Total Aroclor-1016			23777	19125	1.015	1.013	
		Average Aroclor-1016					0.338	0.338	
8)	L2	Aroclor-1221	5.08	8.00	741	675	0.153	0.161	
9)	L2	Aroclor-1221 {2}	5.50	8.54	1060	932	0.261	0.277	
10)	L2	Aroclor-1221 {3}	5.67	8.77	5287	4449	0.381	0.433	
		Total Aroclor-1221			7088	6056	0.795	0.871	
		Average Aroclor-1221					0.265	0.290	
11)	L3	Aroclor-1232	5.67	8.77	5287	4449	0.440	0.490	
12)	L3	Aroclor-1232 {2}	6.79	10.29	10388	9056	1.191	1.210	
13)	L3	Aroclor-1232 {3}	8.60	12.22	6342	5620	1.208	1.311	
		Total Aroclor-1232			22016	19125	2.839	3.010	
		Average Aroclor-1232					0.946	1.003	
14)	L4	Aroclor-1242	8.21	11.63	17302	13345	0.461	0.457	
15)	L4	Aroclor-1242 {2}	8.93	12.22	5016	5620	0.453	0.447	
16)	L4	Aroclor-1242 {3}	10.07	13.98	6284	4922	0.429	0.394	
		Total Aroclor-1242			28602	23887	1.343	1.298	
		Average Aroclor-1242					0.448	0.433	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628A.D Vial: 23
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628A.D\CONFIRM.D
Acq On : 28 Jun 96 06:38 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	3944	3926	0.148	0.152
21) L6	Aroclor-1254 {2}	13.44	15.68	5928	4015	0.179	0.145
22) L6	Aroclor-1254 {3}	15.82	17.53	9679	5937	0.418	0.159 #
Total	Aroclor-1254			19551	13877	0.745	0.456
Average	Aroclor-1254					0.248	0.152
23) L7	Aroclor-1260	13.92	18.17	9601	9965	0.335	0.332
24) L7	Aroclor-1260 {2}	14.71	18.49	10445	11081	0.340	0.336
25) L7	Aroclor-1260 {3}	17.93	21.91	13420	15800	0.353	0.338
Total	Aroclor-1260			33465	36845	1.028	1.007
Average	Aroclor-1260					0.343	0.336
26) L8	Aroclor-1268	18.86	23.34	3530	2863	NoCal	NoCal
27) L8	Aroclor-1268 {2}	19.04	23.53	8934	1823	NoCal	NoCal
28) L8	Aroclor-1268 {3}	21.82	28.12	4592	573	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

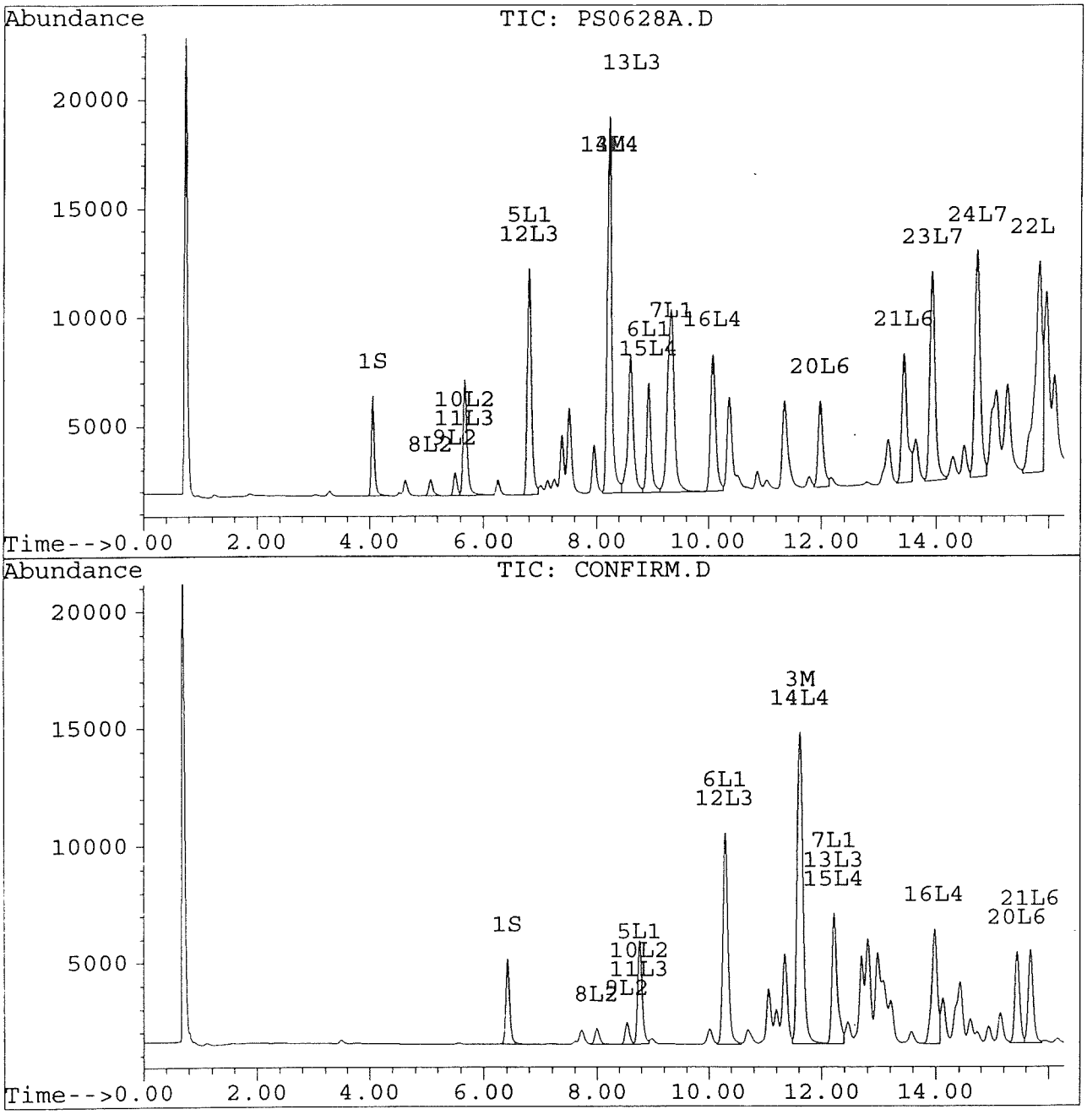
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628A.D Vial: 23
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628A.D\CONFIRM.D
Acq On : 28 Jun 96 06:38 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

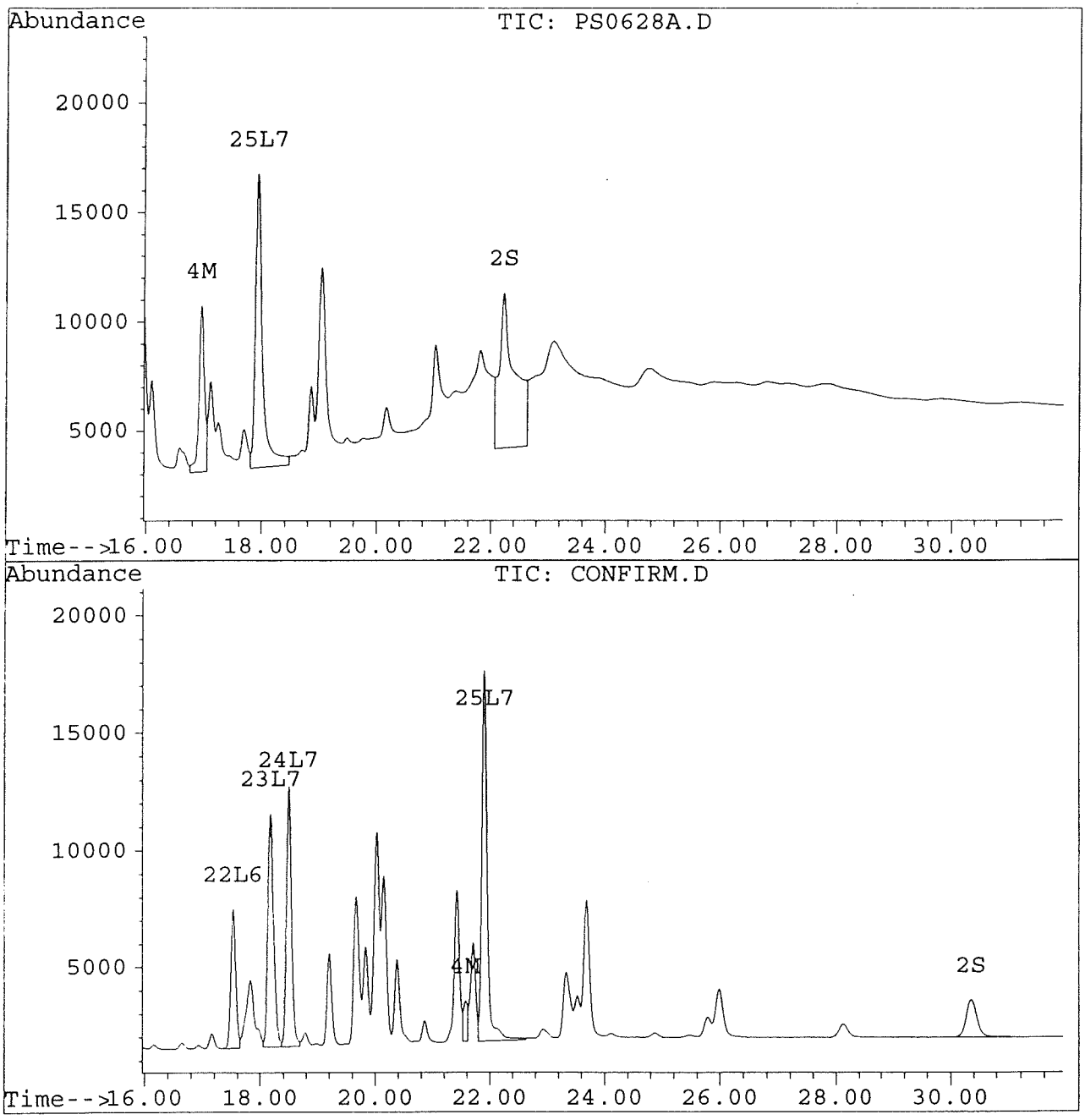


Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628A.D Vial: 23
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628A.D\CONFIRM.D
Acq On : 28 Jun 96 06:38 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628B.D Vial: 24
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628B.D\CONFIRM.D
Acq On : 28 Jun 96 07:13 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.05	6.41	4682	3746	0.021	0.020	
					Recovery	=	52.50%	50.00%	
2)	S	Decachlorobiphenyl	22.23	30.36	6696	1720	0.033	0.021	#
					Recovery	=	82.50%	52.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.21	11.62	305	248	0.003	0.002	
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.55	2232	2196	0.024	0.016	#
5)	L1	Aroclor-1016	6.80	8.77	177	66	0.006	0.005	
6)	L1	Aroclor-1016 (2)	8.93	10.30	86	160	0.006	0.006	
7)	L1	Aroclor-1016 (3)	9.29f	12.23	5681	77	0.232	0.005	#
		Total Aroclor-1016			5944	302	0.243	0.016	
		Average Aroclor-1016					0.081	0.005	
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9)	L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.	
10)	L2	Aroclor-1221 (3)	5.67	8.77	74	66	0.005	0.006	
		Total Aroclor-1221			74	66	0.005	0.006	
		Average Aroclor-1221					0.005	0.006	
11)	L3	Aroclor-1232	5.67	8.77	74	66	0.006	0.007	
12)	L3	Aroclor-1232 (2)	6.80	10.30	177	160	0.020	0.021	
13)	L3	Aroclor-1232 (3)	8.60	12.23	110	77	0.021	0.018	
		Total Aroclor-1232			361	302	0.047	0.046	
		Average Aroclor-1232					0.016	0.015	
14)	L4	Aroclor-1242	8.21	11.62	305	248	0.008	0.008	
15)	L4	Aroclor-1242 (2)	8.93	12.23	86	77	0.008	0.006	
16)	L4	Aroclor-1242 (3)	10.07	13.98	2634	2480	0.180	0.199	
		Total Aroclor-1242			3024	2804	0.196	0.213	
		Average Aroclor-1242					0.065	0.071	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628B.D Vial: 24
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628B.D\CONFIRM.D
Acq On : 28 Jun 96 07:13 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

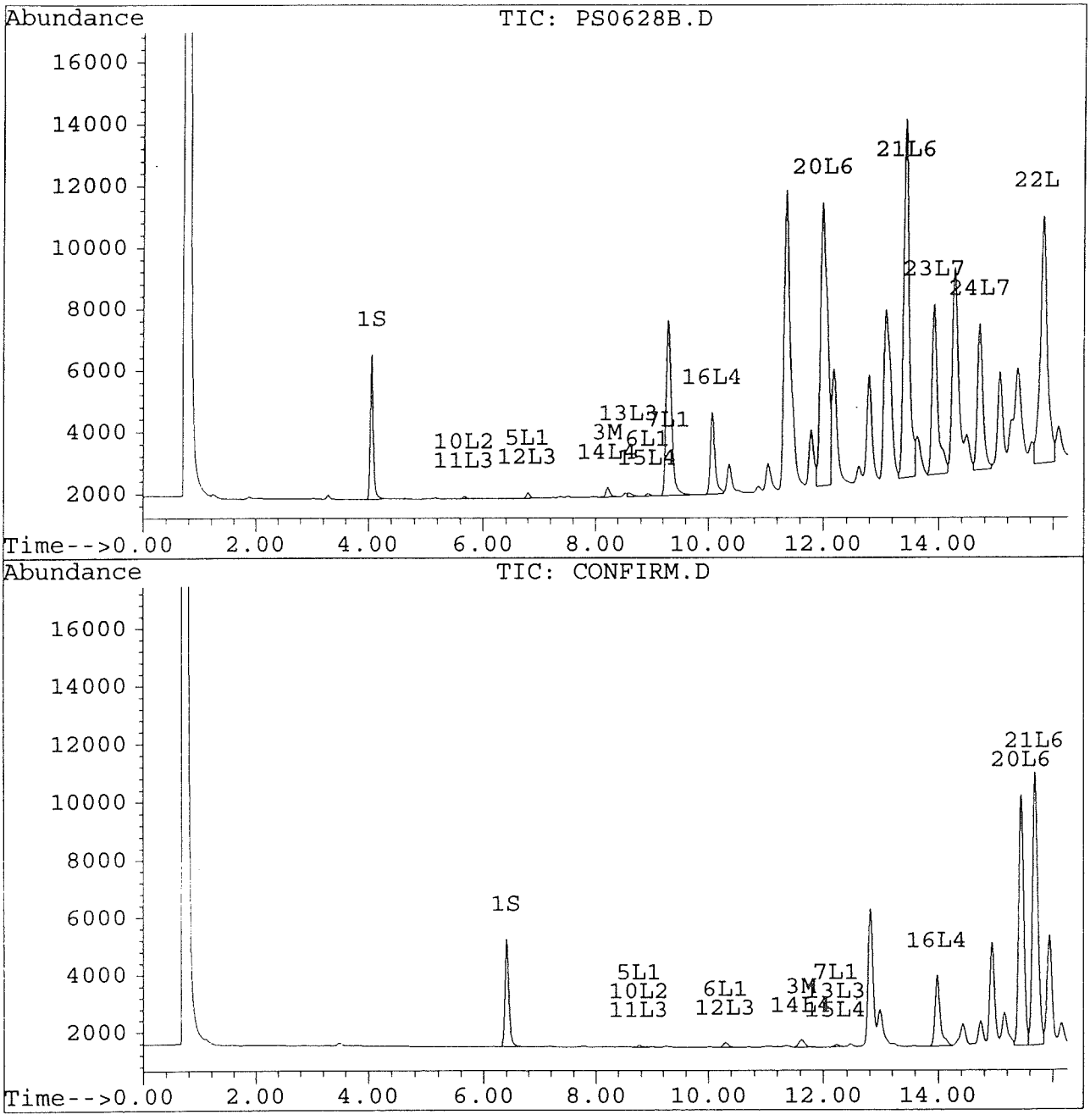
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	9201	8687	0.344	0.337
21) L6	Aroclor-1254 {2}	13.43	15.68	11637	9453	0.352	0.341
22) L6	Aroclor-1254 {3}	15.83	17.54	8044	12963	0.348	0.347
Total	Aroclor-1254			28882	31103	1.044	1.025
Average	Aroclor-1254					0.348	0.342
23) L7	Aroclor-1260	13.92	18.17	5535	4783	0.193	0.159
24) L7	Aroclor-1260 {2}	14.71	18.49	4750	5143	0.155	0.156
25) L7	Aroclor-1260 {3}	17.93	21.91	1231	1209	0.032	0.026
Total	Aroclor-1260			11517	11134	0.380	0.341
Average	Aroclor-1260					0.127	0.114
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.06f	0.00	1028	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.80	28.12	3012	16	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628B.D Vial: 24
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628B.D\CONFIRM.D
Acq On : 28 Jun 96 07:13 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

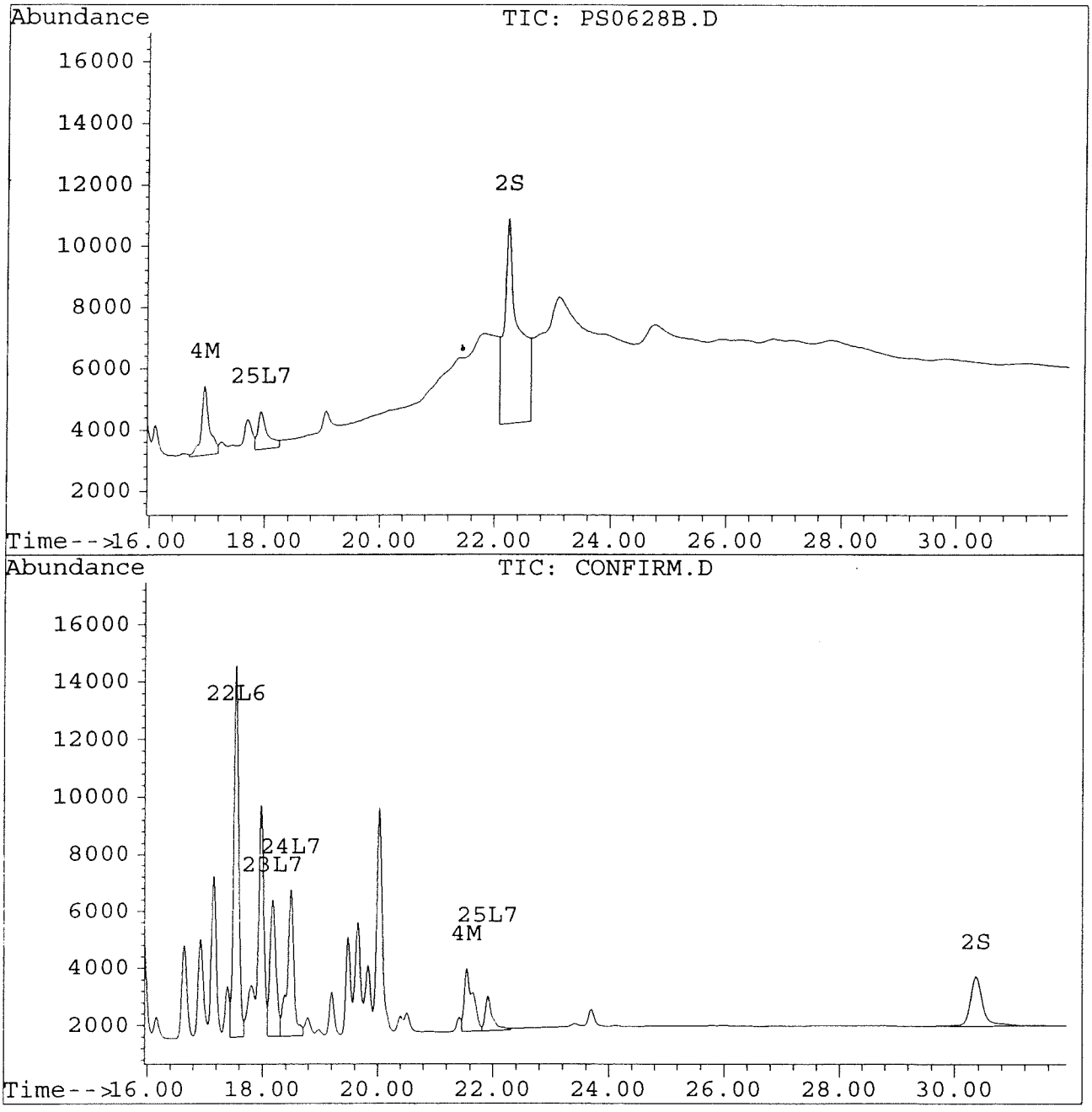


Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628B.D Vial: 24
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628B.D\CONFIRM.D
Acq On : 28 Jun 96 07:13 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628C.D Vial: 25
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628C.D\CONFIRM.D
Acq On : 28 Jun 96 07:49 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.05	6.41	4667	3688	0.021	0.020	
					Recovery	=	52.50%	50.00%	
2)	S	Decachlorobiphenyl	22.23	30.36	6618	1563	0.033	0.019	#
					Recovery	=	82.50%	47.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.21	11.63	13074	9942	0.128	0.098	
4)	M	2,2',3,3',4,4'-Hexa	16.98	21.56	180	76	0.002	0.001	#
5)	L1	Aroclor-1016	6.79	8.77	7952	3911	0.260	0.297	
6)	L1	Aroclor-1016 (2)	8.93	10.29	3768	6853	0.250	0.255	
7)	L1	Aroclor-1016 (3)	9.32	12.22	6247	4268	0.255	0.257	
		Total Aroclor-1016			17967	15032	0.766	0.809	
		Average Aroclor-1016					0.255	0.270	
8)	L2	Aroclor-1221	5.08	8.00	695	633	0.144	0.151	
9)	L2	Aroclor-1221 (2)	5.50	8.54	980	862	0.241	0.256	
10)	L2	Aroclor-1221 (3)	5.67	8.77	4662	3911	0.336	0.381	
		Total Aroclor-1221			6338	5407	0.721	0.788	
		Average Aroclor-1221					0.240	0.263	
11)	L3	Aroclor-1232	5.67	8.77	4662	3911	0.388	0.431	
12)	L3	Aroclor-1232 (2)	6.79	10.29	7952	6853	0.912	0.915	
13)	L3	Aroclor-1232 (3)	8.60	12.22	4785	4268	0.911	0.995	
		Total Aroclor-1232			17399	15032	2.211	2.342	
		Average Aroclor-1232					0.737	0.781	
14)	L4	Aroclor-1242	8.21	11.63	13074	9942	0.348	0.341	
15)	L4	Aroclor-1242 (2)	8.93	12.22	3768	4268	0.340	0.339	
16)	L4	Aroclor-1242 (3)	10.07	13.98	4994	4158	0.341	0.333	
		Total Aroclor-1242			21836	18368	1.029	1.013	
		Average Aroclor-1242					0.343	0.338	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628C.D Vial: 25
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628C.D\CONFIRM.D
Acq On : 28 Jun 96 07:49 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.45	0	1068	N.D.	0.041 #
21) L6	Aroclor-1254 {2}	13.43	15.69	1016	1134	0.031	0.041 #
22) L6	Aroclor-1254 {3}	15.84	17.54	232	1258	0.010	0.034 #
Total	Aroclor-1254			1248	3459	0.041	0.116
Average	Aroclor-1254					0.020	0.039
23) L7	Aroclor-1260	13.92	18.17	437	113	0.015	0.004 #
24) L7	Aroclor-1260 {2}	14.72	0.00	76	0	0.002	N.D. #
25) L7	Aroclor-1260 {3}	0.00	21.92	0	80	N.D.	0.002 #
Total	Aroclor-1260			513	193	0.018	0.005
Average	Aroclor-1260					0.009	0.003
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	21.80	28.12	3141	10	NoCal	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.

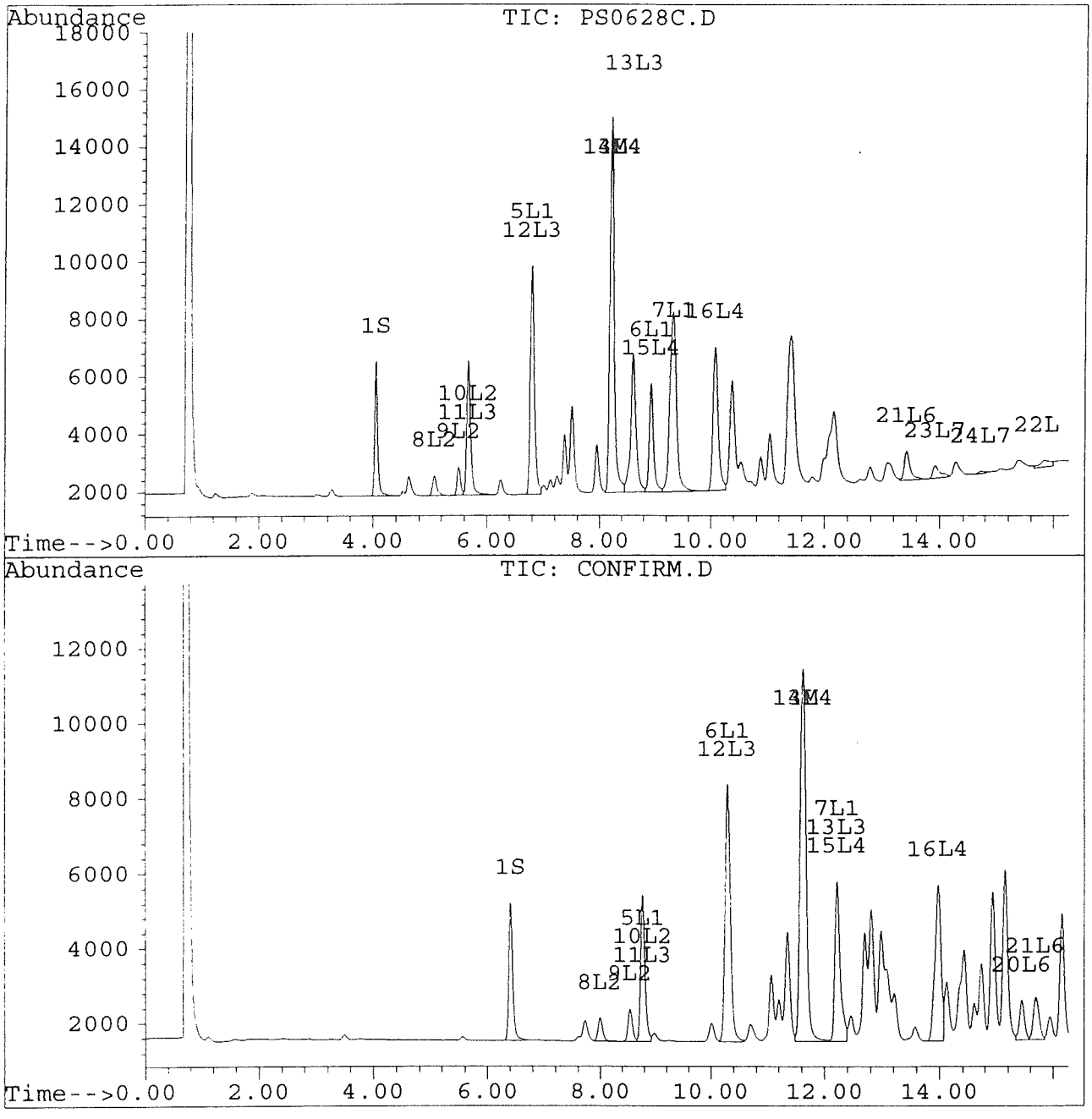
QC3

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628C.D Vial: 25
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628C.D\CONFIRM.D
Acq On : 28 Jun 96 07:49 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

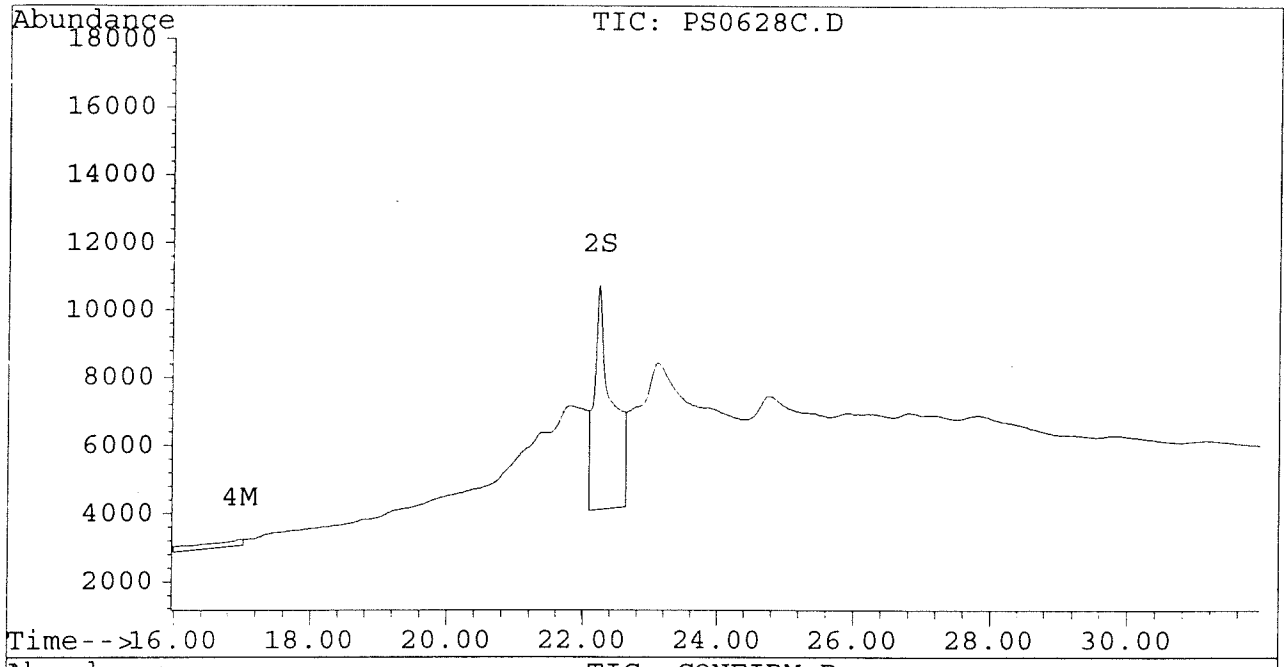


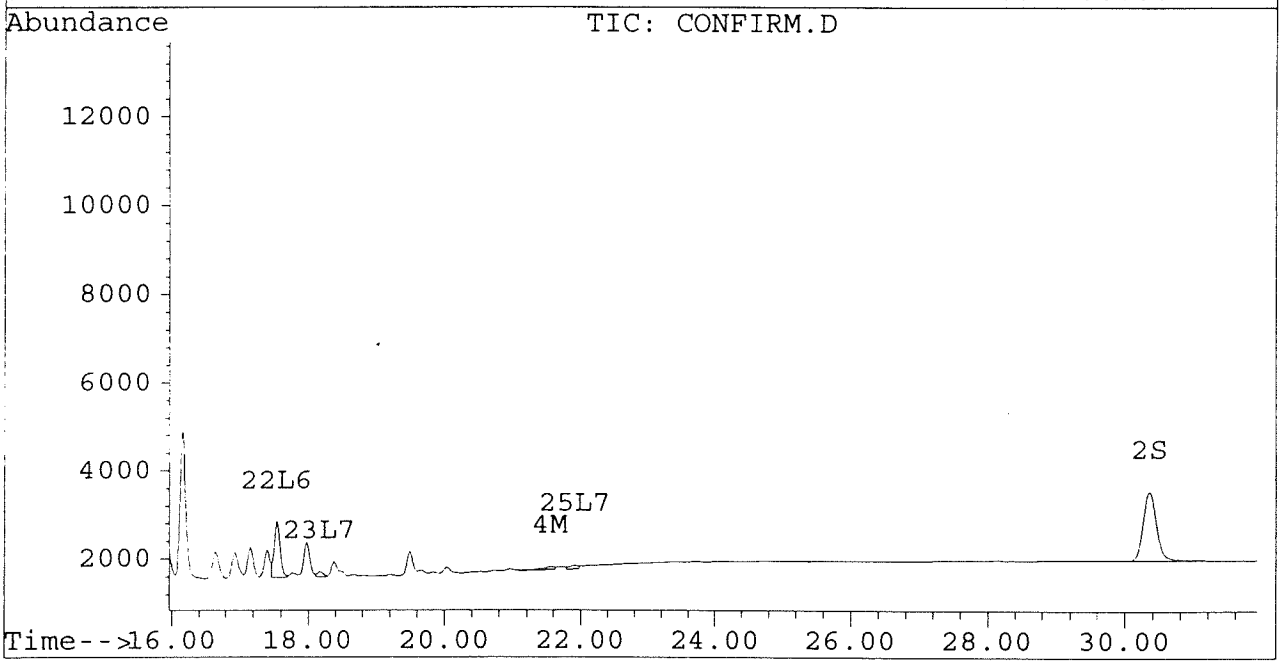
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628C.D Vial: 25
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628C.D\CONFIRM.D
Acq On : 28 Jun 96 07:49 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 13:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628D.D Vial: 35
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628D.D\CONFIRM.D
Acq On : 28 Jun 96 02:19 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 14:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.05	6.41	4223	3485	0.019	0.019	
				Recovery	=	47.50%	47.50%	
2)	S Decachlorobiphenyl	22.23	30.36	6138	1715	0.030	0.021	#
				Recovery	=	75.00%	52.50%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.21	11.63	16684	12896	0.164	0.127	
4)	M 2,2',3,3',4,4'-Hexa	16.95	21.58	7367	1786	0.080	0.013	#
5)	L1 Aroclor-1016	6.79	8.77	10090	4312	0.330	0.328	
6)	L1 Aroclor-1016 (2)	8.93	10.30	4870	8788	0.324	0.328	
7)	L1 Aroclor-1016 (3)	9.33	12.22	8127	5428	0.332	0.326	
	Total Aroclor-1016			23087	18528	0.986	0.981	
	Average Aroclor-1016					0.329	0.327	
8)	L2 Aroclor-1221	5.08	8.00	706	649	0.146	0.155	
9)	L2 Aroclor-1221 (2)	5.50	8.54	1014	907	0.250	0.270	
10)	L2 Aroclor-1221 (3)	5.67	8.77	5057	4312	0.364	0.420	
	Total Aroclor-1221			6778	5868	0.760	0.844	
	Average Aroclor-1221					0.253	0.281	
11)	L3 Aroclor-1232	5.67	8.77	5057	4312	0.421	0.475	
12)	L3 Aroclor-1232 (2)	6.79	10.30	10090	8788	1.157	1.174	
13)	L3 Aroclor-1232 (3)	8.60	12.22	6134	5428	1.168	1.266	
	Total Aroclor-1232			21280	18528	2.746	2.915	
	Average Aroclor-1232					0.915	0.972	
14)	L4 Aroclor-1242	8.21	11.63	16684	12896	0.444	0.442	
15)	L4 Aroclor-1242 (2)	8.93	12.22	4870	5428	0.440	0.431	
16)	L4 Aroclor-1242 (3)	10.07	13.98	6110	4841	0.417	0.388	
	Total Aroclor-1242			27664	23165	1.301	1.261	
	Average Aroclor-1242					0.434	0.420	
17)	L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5 Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.	
19)	L5 Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.	
	Total Aroclor-1248			0	0	N.D.	N.D.	
	Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628D.D Vial: 35
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628D.D\CONFIRM.D
Acq On : 28 Jun 96 02:19 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 14:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.45	3842	3809	0.144	0.148
21) L6	Aroclor-1254 {2}	13.44	15.68	5849	3973	0.177	0.143
22) L6	Aroclor-1254 {3}	15.82	17.53	9518	5805	0.411	0.155 #
Total	Aroclor-1254			19208	13587	0.732	0.446
Average	Aroclor-1254					0.244	0.149
23) L7	Aroclor-1260	13.92	18.17	9514	9812	0.332	0.327
24) L7	Aroclor-1260 {2}	14.71	18.49	10411	10994	0.339	0.334
25) L7	Aroclor-1260 {3}	17.93	21.91	13420	15783	0.353	0.338
Total	Aroclor-1260			33345	36589	1.024	0.999
Average	Aroclor-1260					0.341	0.333
26) L8	Aroclor-1268	18.86	23.34	3343	2934	NoCal	NoCal
27) L8	Aroclor-1268 {2}	19.04	23.53	8760	1876	NoCal	NoCal
28) L8	Aroclor-1268 {3}	21.82	28.12	3550	576	NoCal	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.

307

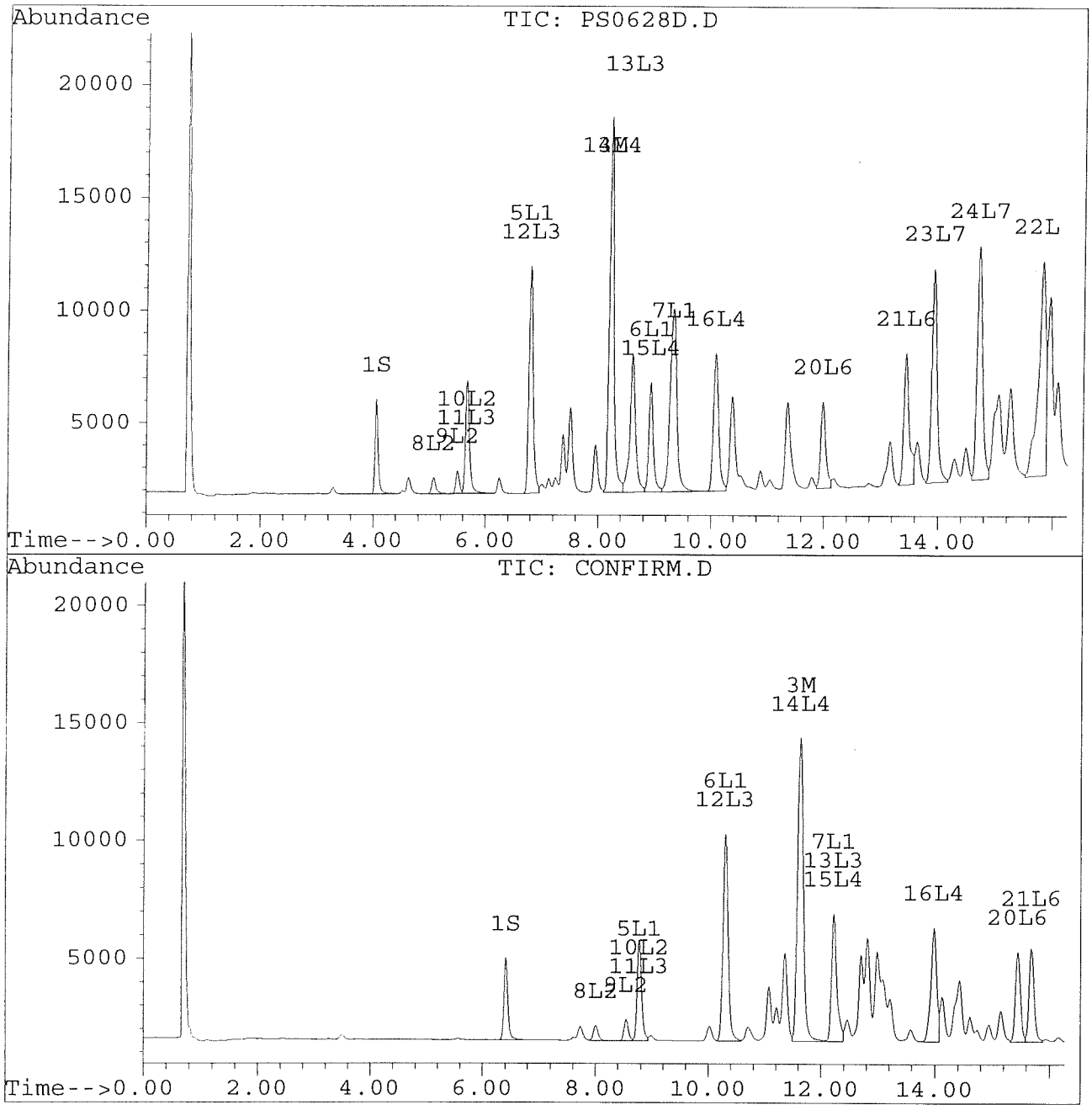
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628D.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628D.D\CONFIRM.D
Acq On : 28 Jun 96 02:19 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jun 28 14:53 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

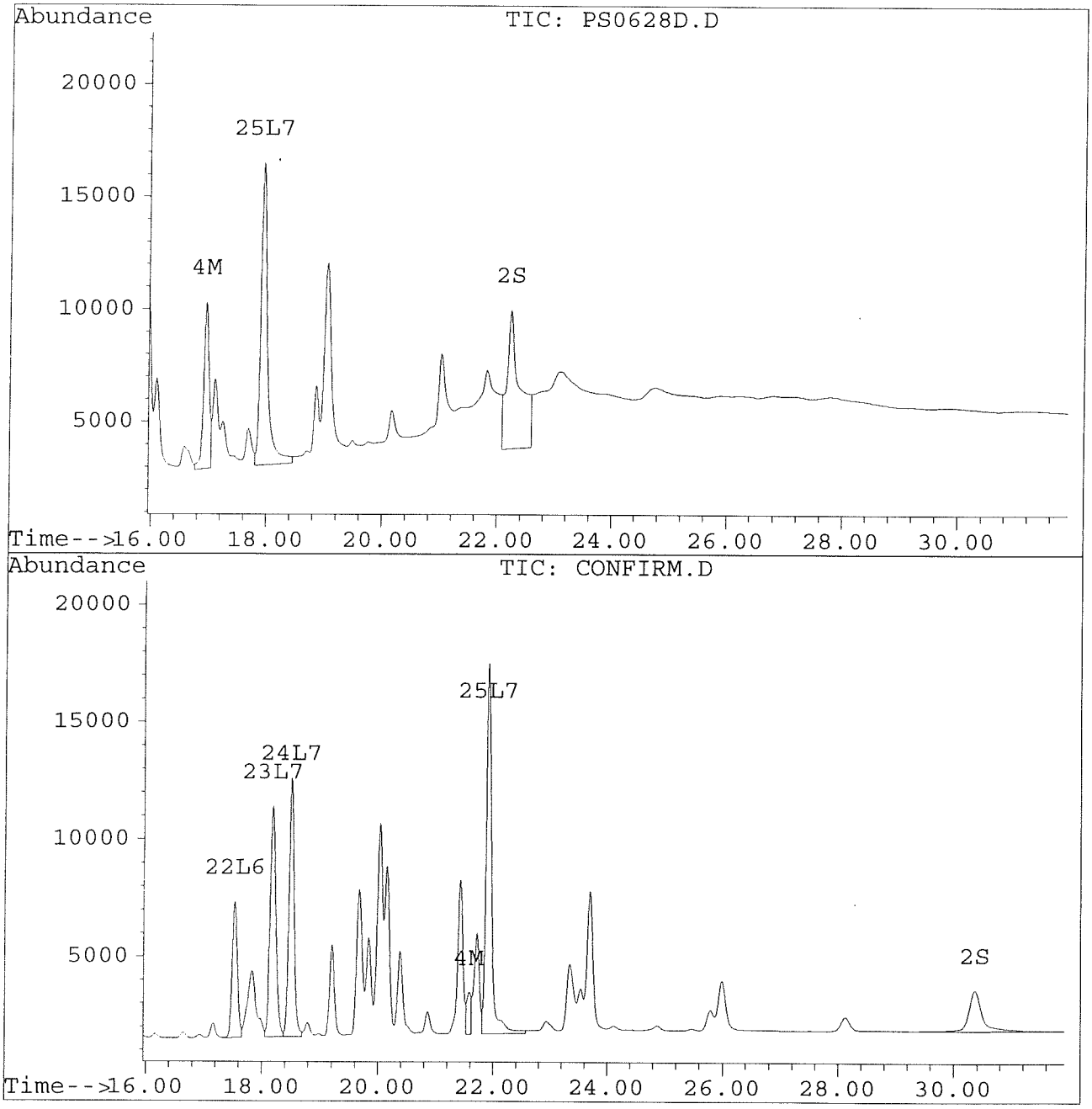
Signal #1 : D:\HPCHEM\5\JUN27A\PS0628D.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628D.D\CONFIRM.D
Acq On : 28 Jun 96 02:19 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jun 28 14:53 1996

Vial: 35

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628E.D Vial: 36
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628E.D\CONFIRM.D
Acq On : 28 Jun 96 02:54 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 15:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.41	4631	3676	0.020	0.020	
				Recovery	=	50.00%	50.00%	
2) S	Decachlorobiphenyl	22.23	30.36	5851	1566	0.029	0.019	#
				Recovery	=	72.50%	47.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.62	299	244	0.003	0.002	
4) M	2,2',3,3',4,4'-Hexa	16.95	21.55	2076	2091	0.023	0.016	#
5) L1	Aroclor-1016	6.80	8.77	175	64	0.006	0.005	
6) L1	Aroclor-1016 {2}	8.93	10.30	86	157	0.006	0.006	
7) L1	Aroclor-1016 {3}	9.29f	12.23	5559	76	0.227	0.005	#
Total	Aroclor-1016			5820	297	0.238	0.015	
Average	Aroclor-1016					0.079	0.005	
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10) L2	Aroclor-1221 {3}	5.67	8.77	74	64	0.005	0.006	
Total	Aroclor-1221			74	64	0.005	0.006	
Average	Aroclor-1221					0.005	0.006	
11) L3	Aroclor-1232	5.67	8.77	74	64	0.006	0.007	
12) L3	Aroclor-1232 {2}	6.80	10.30	175	157	0.020	0.021	
13) L3	Aroclor-1232 {3}	8.59	12.23	110	76	0.021	0.018	
Total	Aroclor-1232			359	297	0.047	0.046	
Average	Aroclor-1232					0.016	0.015	
14) L4	Aroclor-1242	8.21	11.62	299	244	0.008	0.008	
15) L4	Aroclor-1242 {2}	8.93	12.23	86	76	0.008	0.006	
16) L4	Aroclor-1242 {3}	10.07	13.99	2557	2453	0.175	0.197	
Total	Aroclor-1242			2942	2773	0.190	0.211	
Average	Aroclor-1242					0.063	0.070	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628E.D Vial: 36
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628E.D\CONFIRM.D
Acq On : 28 Jun 96 02:54 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 15:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

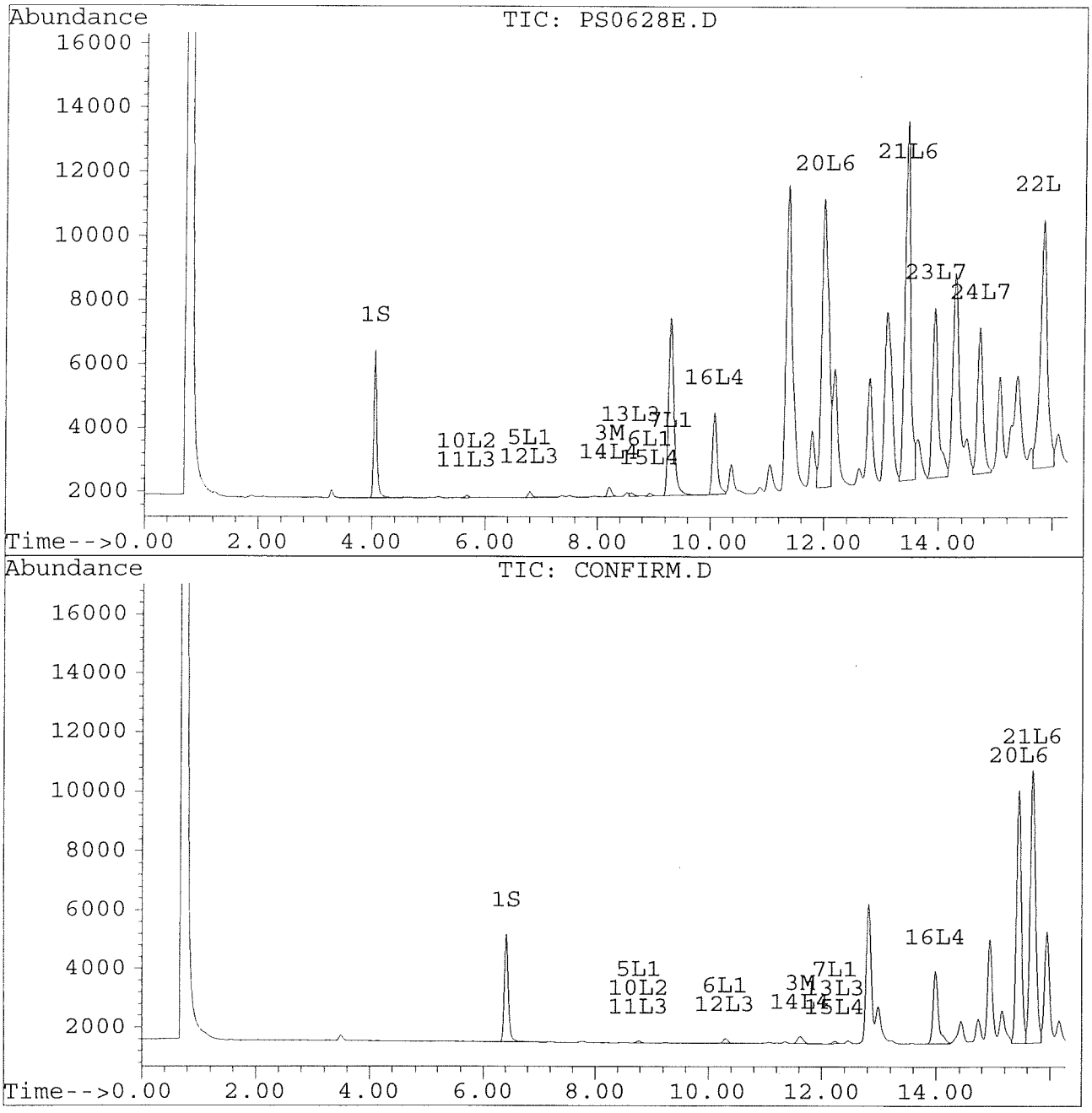
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	9008	8557	0.337	0.332
21) L6	Aroclor-1254 {2}	13.43	15.68	11219	9230	0.339	0.333
22) L6	Aroclor-1254 {3}	15.83	17.54	7752	12654	0.335	0.339
Total	Aroclor-1254			27979	30442	1.011	1.003
Average	Aroclor-1254					0.337	0.334
23) L7	Aroclor-1260	13.92	18.17	5329	4723	0.186	0.157
24) L7	Aroclor-1260 {2}	14.71	18.49	4576	5034	0.149	0.153
25) L7	Aroclor-1260 {3}	17.93	21.91	1089	1163	0.029	0.025
Total	Aroclor-1260			10994	10920	0.364	0.335
Average	Aroclor-1260					0.121	0.112
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.06f	0.00	866	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.81	28.13	2353	11	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628E.D Vial: 36
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628E.D\CONFIRM.D
Acq On : 28 Jun 96 02:54 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 15:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

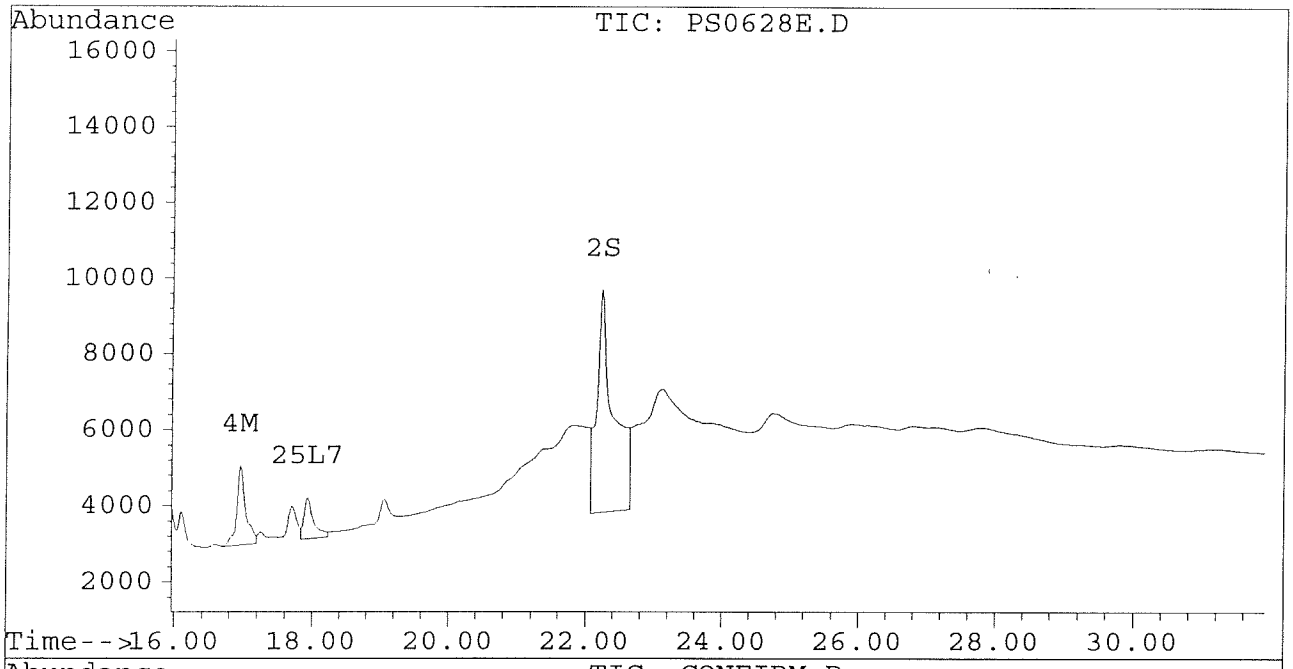


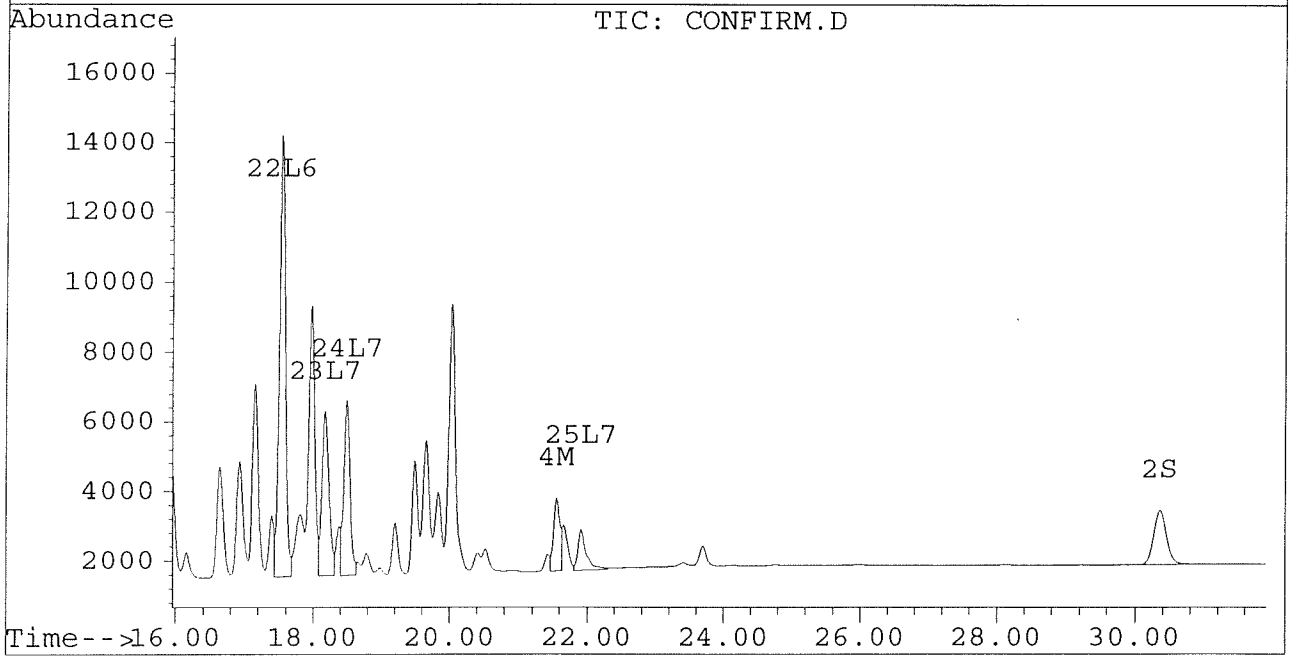
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628E.D Vial: 36
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628E.D\CONFIRM.D
Acq On : 28 Jun 96 02:54 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 15:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628F.D Vial: 37
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628F.D\CONFIRM.D
Acq On : 28 Jun 96 03:30 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 16:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.41	4482	3605	0.020	0.019	
				Recovery	=	50.00%	47.50%	
2) S	Decachlorobiphenyl	22.23	30.36	5656	1509	0.028	0.018	#
				Recovery	=	70.00%	45.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.63	12551	9656	0.123	0.095	
4) M	2,2',3,3',4,4'-Hexa	16.98	21.56	118	53	0.001	0.000	#
5) L1	Aroclor-1016	6.79	8.77	7696	3791	0.252	0.288	
6) L1	Aroclor-1016 {2}	8.93	10.29	3582	6731	0.238	0.251	
7) L1	Aroclor-1016 {3}	9.32	12.22	6064	4141	0.248	0.249	
Total	Aroclor-1016			17343	14664	0.738	0.788	
Average	Aroclor-1016					0.246	0.263	
8) L2	Aroclor-1221	5.08	8.00	671	611	0.139	0.146	
9) L2	Aroclor-1221 {2}	5.50	8.54	949	835	0.234	0.248	
10) L2	Aroclor-1221 {3}	5.67	8.77	4509	3791	0.325	0.369	
Total	Aroclor-1221			6129	5238	0.697	0.763	
Average	Aroclor-1221					0.232	0.254	
11) L3	Aroclor-1232	5.67	8.77	4509	3791	0.375	0.418	
12) L3	Aroclor-1232 {2}	6.79	10.29	7696	6731	0.883	0.899	
13) L3	Aroclor-1232 {3}	8.60	12.22	4614	4141	0.879	0.966	
Total	Aroclor-1232			16820	14664	2.137	2.283	
Average	Aroclor-1232					0.712	0.761	
14) L4	Aroclor-1242	8.21	11.63	12551	9656	0.334	0.331	
15) L4	Aroclor-1242 {2}	8.93	12.22	3582	4141	0.323	0.329	
16) L4	Aroclor-1242 {3}	10.07	13.98	4814	4073	0.329	0.326	
Total	Aroclor-1242			20947	17871	0.986	0.986	
Average	Aroclor-1242					0.329	0.329	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628F.D Vial: 37
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628F.D\CONFIRM.D
Acq On : 28 Jun 96 03:30 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 16:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.45	0	1056	N.D.	0.041 #
21) L6	Aroclor-1254 {2}	13.43	15.69	954	1105	0.029	0.040 #
22) L6	Aroclor-1254 {3}	15.84	17.54	175	1213	0.008	0.032 #
Total	Aroclor-1254			1129	3373	0.036	0.113
Average	Aroclor-1254					0.018	0.038
23) L7	Aroclor-1260	13.92	18.17	415	104	0.015	0.003 #
24) L7	Aroclor-1260 {2}	14.72	0.00	64	0	0.002	N.D. #
25) L7	Aroclor-1260 {3}	0.00	21.92	0	49	N.D.	0.001 #
Total	Aroclor-1260			479	153	0.017	0.005
Average	Aroclor-1260					0.008	0.002
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	21.81	0.00	2395	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

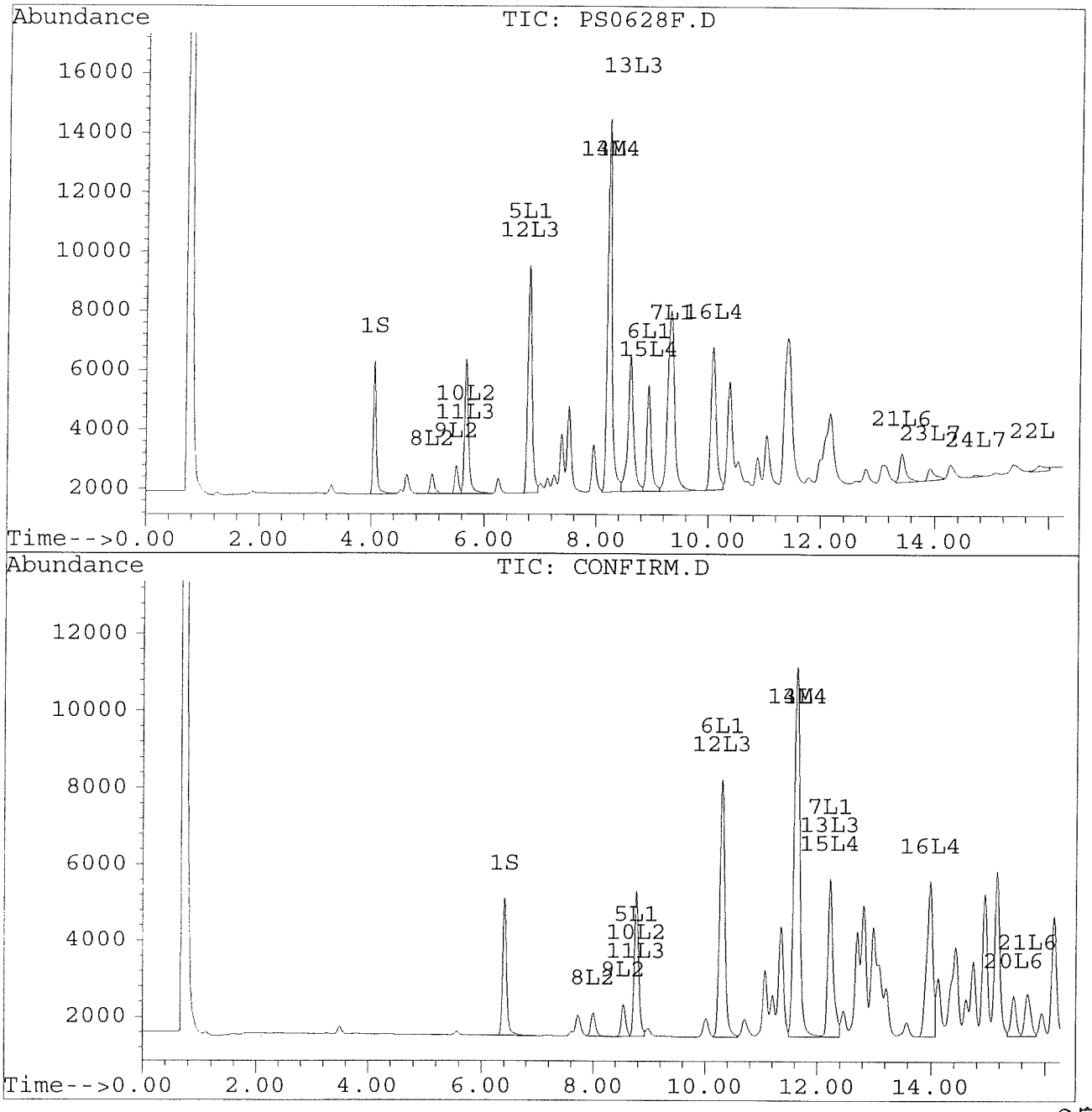
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628F.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628F.D\CONFIRM.D
Acq On : 28 Jun 96 03:30 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jun 28 16:05 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



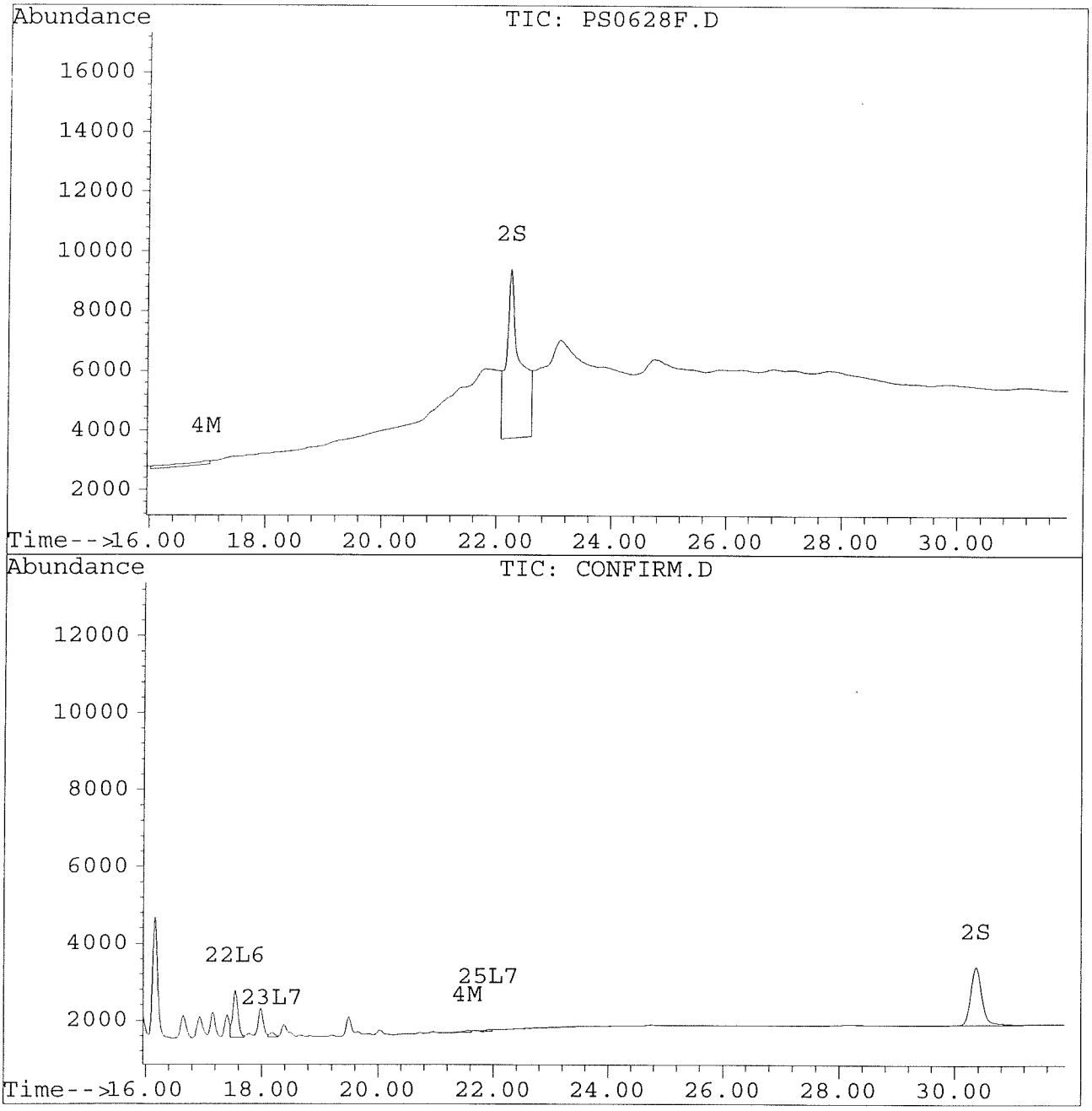
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628F.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628F.D\CONFIRM.D
Acq On : 28 Jun 96 03:30 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jun 28 16:05 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628G.D Vial: 48
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628G.D\CONFIRM.D
Acq On : 28 Jun 96 10:03 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 22:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.41	4442	3564	0.020	0.019	
				Recovery	=	50.00%	47.50%	
2) S	Decachlorobiphenyl	22.23	30.37	4804	1939	0.024	0.024	
				Recovery	=	60.00%	60.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.63	16421	12752	0.161	0.126	
4) M	2,2',3,3',4,4'-Hexa	16.95	21.58	6683	1671	0.072	0.012	#
5) L1	Aroclor-1016	6.79	8.77	10182	4326	0.333	0.329	
6) L1	Aroclor-1016 (2)	8.93	10.29	4771	8809	0.317	0.328	
7) L1	Aroclor-1016 (3)	9.33	12.22	8045	5308	0.329	0.319	
Total	Aroclor-1016			22997	18443	0.979	0.976	
Average	Aroclor-1016					0.326	0.325	
8) L2	Aroclor-1221	5.08	8.00	725	658	0.150	0.157	
9) L2	Aroclor-1221 (2)	5.50	8.54	1041	913	0.256	0.271	
10) L2	Aroclor-1221 (3)	5.67	8.77	5157	4326	0.372	0.421	
Total	Aroclor-1221			6923	5897	0.778	0.850	
Average	Aroclor-1221					0.259	0.283	
11) L3	Aroclor-1232	5.67	8.77	5157	4326	0.429	0.477	
12) L3	Aroclor-1232 (2)	6.79	10.29	10182	8809	1.168	1.177	
13) L3	Aroclor-1232 (3)	8.60	12.22	6051	5308	1.152	1.238	
Total	Aroclor-1232			21390	18443	2.749	2.891	
Average	Aroclor-1232					0.916	0.964	
14) L4	Aroclor-1242	8.21	11.63	16421	12752	0.437	0.437	
15) L4	Aroclor-1242 (2)	8.93	12.22	4771	5308	0.431	0.422	
16) L4	Aroclor-1242 (3)	10.07	13.98	5929	4760	0.405	0.381	
Total	Aroclor-1242			27121	22819	1.273	1.240	
Average	Aroclor-1242					0.424	0.413	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628G.D Vial: 48
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628G.D\CONFIRM.D
Acq On : 28 Jun 96 10:03 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 22:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	3672	3748	0.137	0.146
21) L6	Aroclor-1254 {2}	13.44	15.68	5518	3815	0.167	0.137
22) L6	Aroclor-1254 {3}	15.83	17.53	8722	5599	0.377	0.150 #
Total	Aroclor-1254			17913	13163	0.681	0.433
Average	Aroclor-1254					0.227	0.144
23) L7	Aroclor-1260	13.92	18.18	9055	9541	0.316	0.318
24) L7	Aroclor-1260 {2}	14.71	18.49	9698	10205	0.316	0.310
25) L7	Aroclor-1260 {3}	17.93	21.91	12336	14455	0.324	0.310
Total	Aroclor-1260			31089	34202	0.956	0.937
Average	Aroclor-1260					0.319	0.312
26) L8	Aroclor-1268	18.86	23.35	3016	2743	NoCal	NoCal
27) L8	Aroclor-1268 {2}	19.04	23.54	7712	1793	NoCal	NoCal
28) L8	Aroclor-1268 {3}	21.82	28.13f	2489	772	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

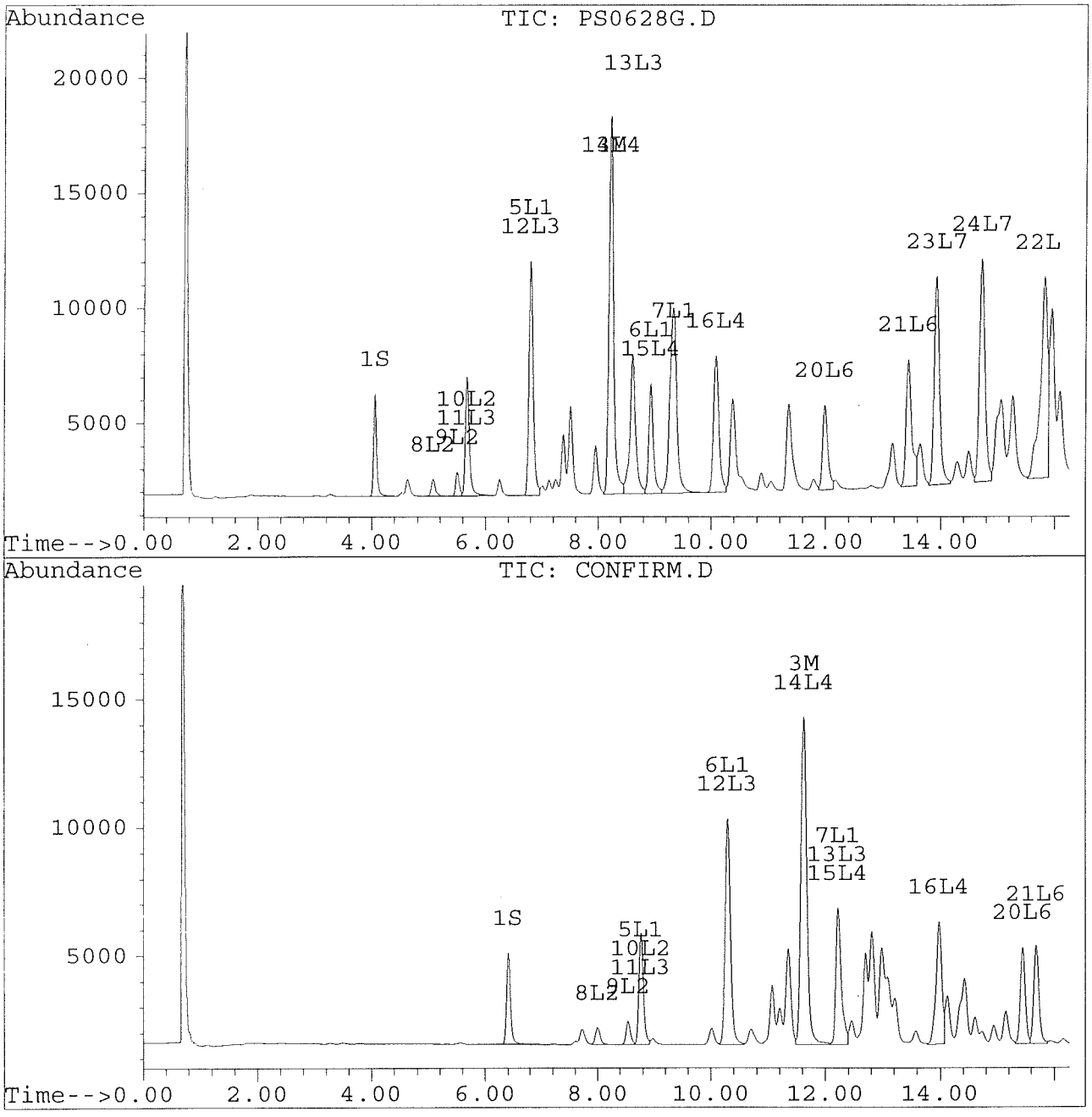
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628G.D Vial: 48
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628G.D\CONFIRM.D
Acq On : 28 Jun 96 10:03 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 22:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

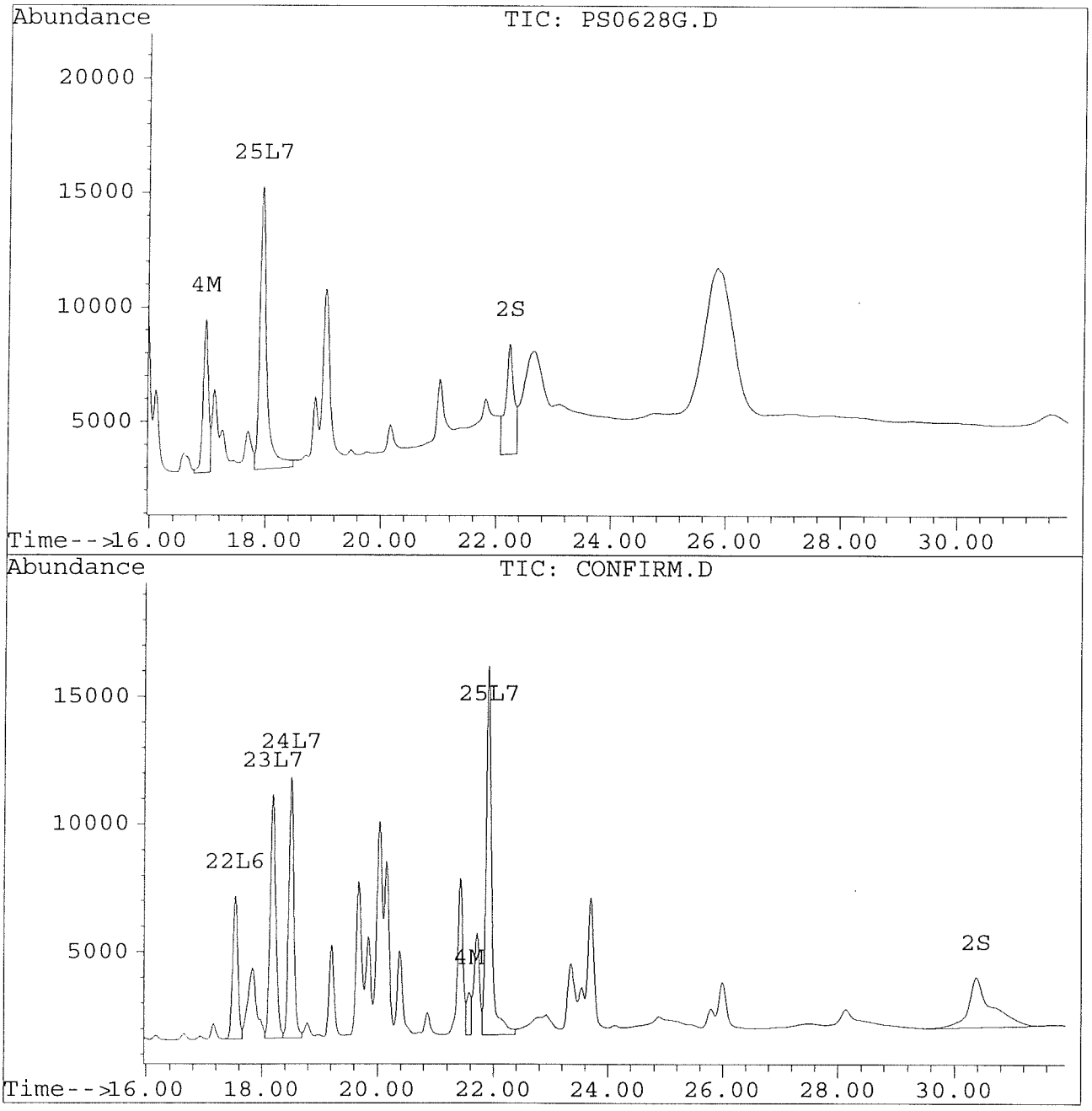


Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628G.D Vial: 48
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628G.D\CONFIRM.D
Acq On : 28 Jun 96 10:03 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 22:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628H.D Vial: 49
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628H.D\CONFIRM.D
Acq On : 28 Jun 96 10:38 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 23:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	4502	3593	0.020	0.019
				Recovery	=	50.00%	47.50%
2) S	Decachlorobiphenyl	22.23	30.37	4722	2281	0.023	0.028
				Recovery	=	57.50%	70.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.62	288	238	0.003	0.002
4) M	2,2',3,3',4,4'-Hexa	16.95	21.55	1970	2086	0.021	0.016 #
5) L1	Aroclor-1016	6.80	8.77	170	62	0.006	0.005
6) L1	Aroclor-1016 {2}	8.93	10.30	84	154	0.006	0.006
7) L1	Aroclor-1016 {3}	9.29f	12.22	5436	76	0.222	0.005 #
Total	Aroclor-1016			5690	292	0.233	0.015
Average	Aroclor-1016					0.078	0.005
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.67	8.77	71	62	0.005	0.006
Total	Aroclor-1221			71	62	0.005	0.006
Average	Aroclor-1221					0.005	0.006
11) L3	Aroclor-1232	5.67	8.77	71	62	0.006	0.007
12) L3	Aroclor-1232 {2}	6.80	10.30	170	154	0.020	0.021
13) L3	Aroclor-1232 {3}	8.60	12.22	108	76	0.021	0.018
Total	Aroclor-1232			349	292	0.046	0.045
Average	Aroclor-1232					0.015	0.015
14) L4	Aroclor-1242	8.21	11.62	288	238	0.008	0.008
15) L4	Aroclor-1242 {2}	8.93	12.22	84	76	0.008	0.006
16) L4	Aroclor-1242 {3}	10.07	13.99	2492	2368	0.170	0.190
Total	Aroclor-1242			2864	2683	0.185	0.204
Average	Aroclor-1242					0.062	0.068
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628H.D Vial: 49
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628H.D\CONFIRM.D
Acq On : 28 Jun 96 10:38 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 23:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.44	8727	8358	0.326	0.325
21) L6 Aroclor-1254 {2}	13.43	15.68	10931	8913	0.330	0.321
22) L6 Aroclor-1254 {3}	15.83	17.54	7444	12309	0.322	0.329
Total Aroclor-1254			27101	29581	0.978	0.975
Average Aroclor-1254					0.326	0.325
23) L7 Aroclor-1260	13.92	18.17	5232	4585	0.183	0.153
24) L7 Aroclor-1260 {2}	14.71	18.49	4403	4878	0.143	0.148
25) L7 Aroclor-1260 {3}	17.93	21.91	973	1177	0.026	0.025
Total Aroclor-1260			10608	10640	0.352	0.326
Average Aroclor-1260					0.117	0.109
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.06f	0.00	692	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

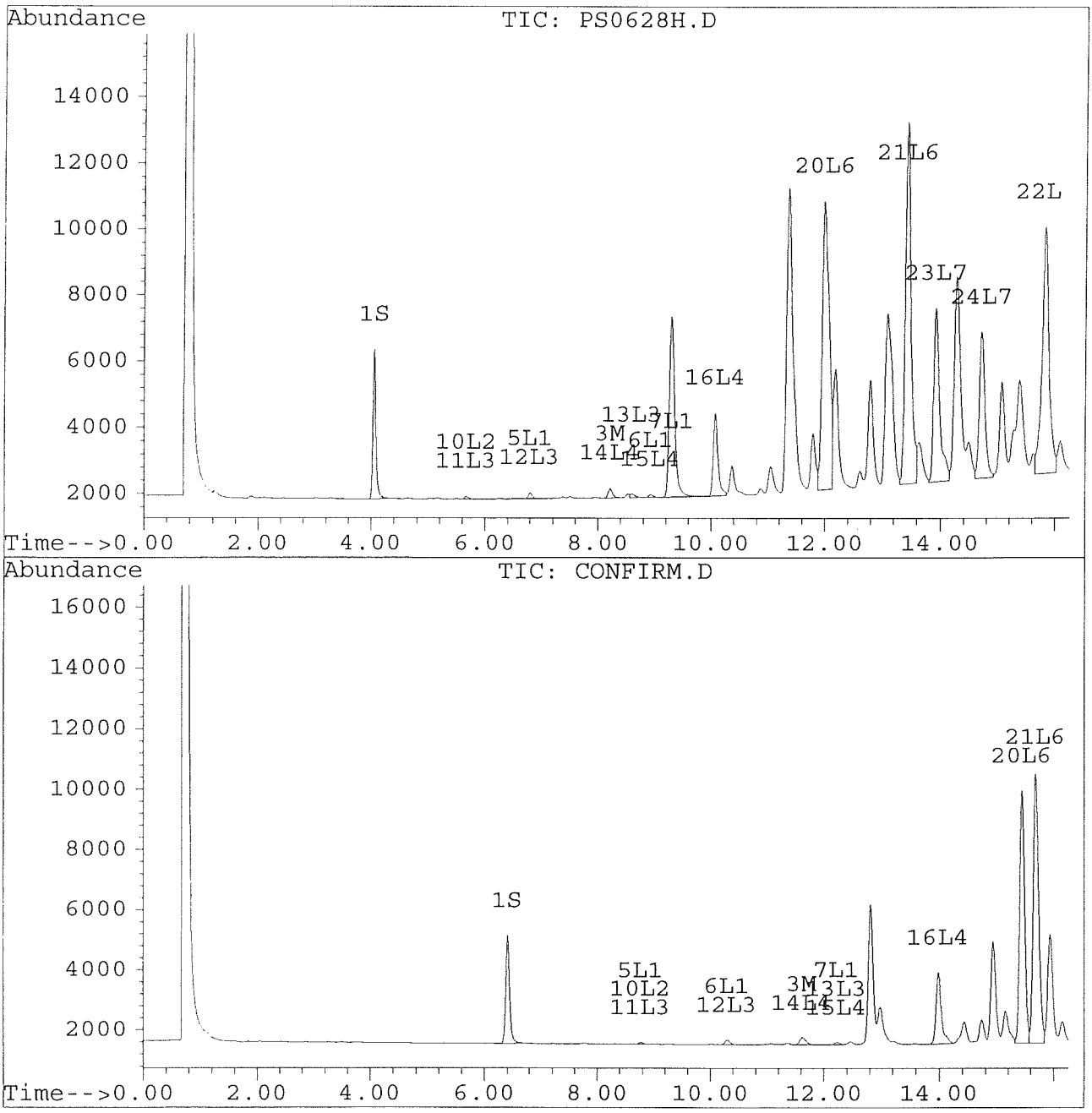
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628H.D Vial: 49
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628H.D\CONFIRM.D
Acq On : 28 Jun 96 10:38 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 23:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



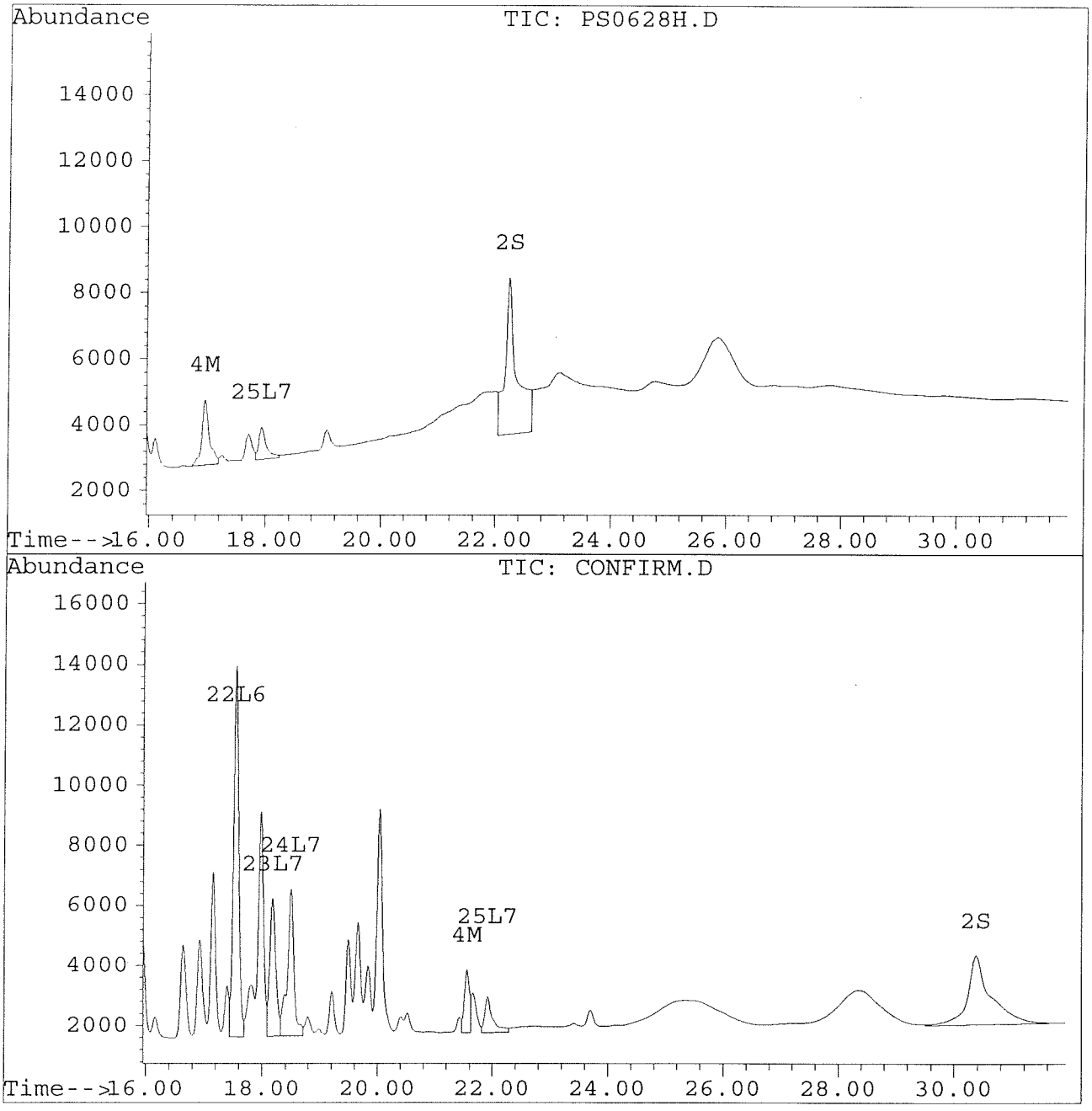
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628H.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628H.D\CONFIRM.D
Acq On : 28 Jun 96 10:38 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jun 28 23:12 1996

Vial: 49
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628I.D Vial: 50
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628I.D\CONFIRM.D
Acq On : 28 Jun 96 11:14 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 23:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	4441	3559	0.020	0.019
					Recovery	=	50.00%	47.50%
2)	S	Decachlorobiphenyl	22.23	30.37	4871	2300	0.024	0.028
					Recovery	=	60.00%	70.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.21	11.63	12389	9585	0.122	0.095
4)	M	2,2',3,3',4,4'-Hexa	0.00	21.56	0	96	N.D.	0.001 #
5)	L1	Aroclor-1016	6.79	8.77	7697	3783	0.252	0.287
6)	L1	Aroclor-1016 {2}	8.93	10.29	3528	6727	0.234	0.251
7)	L1	Aroclor-1016 {3}	9.32	12.22	6015	4097	0.246	0.246
		Total Aroclor-1016			17240	14607	0.732	0.784
		Average Aroclor-1016					0.244	0.261
8)	L2	Aroclor-1221	5.08	8.00	668	605	0.138	0.144
9)	L2	Aroclor-1221 {2}	5.50	8.54	948	831	0.233	0.247
10)	L2	Aroclor-1221 {3}	5.67	8.77	4496	3783	0.324	0.369
		Total Aroclor-1221			6112	5219	0.695	0.760
		Average Aroclor-1221					0.232	0.253
11)	L3	Aroclor-1232	5.67	8.77	4496	3783	0.374	0.417
12)	L3	Aroclor-1232 {2}	6.79	10.29	7697	6727	0.883	0.898
13)	L3	Aroclor-1232 {3}	8.60	12.22	4577	4097	0.872	0.956
		Total Aroclor-1232			16770	14607	2.129	2.271
		Average Aroclor-1232					0.710	0.757
14)	L4	Aroclor-1242	8.21	11.63	12389	9585	0.330	0.329
15)	L4	Aroclor-1242 {2}	8.93	12.22	3528	4097	0.318	0.326
16)	L4	Aroclor-1242 {3}	10.07	13.98	4788	4043	0.327	0.324
		Total Aroclor-1242			20705	17725	0.975	0.978
		Average Aroclor-1242					0.325	0.326
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628I.D Vial: 50
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628I.D\CONFIRM.D
Acq On : 28 Jun 96 11:14 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 28 23:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.44	0	1035	N.D.	0.040 #
21) L6 Aroclor-1254 {2}	13.43	15.69	945	1087	0.029	0.039 #
22) L6 Aroclor-1254 {3}	15.84	17.54	140	1193	0.006	0.032 #
Total Aroclor-1254			1085	3315	0.035	0.111
Average Aroclor-1254					0.017	0.037
23) L7 Aroclor-1260	13.92	18.18	408	105	0.014	0.004 #
24) L7 Aroclor-1260 {2}	14.72	0.00	68	0	0.002	N.D. #
25) L7 Aroclor-1260 {3}	0.00	21.93	0	104	N.D.	0.002 #
Total Aroclor-1260			477	209	0.016	0.006
Average Aroclor-1260					0.008	0.003
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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

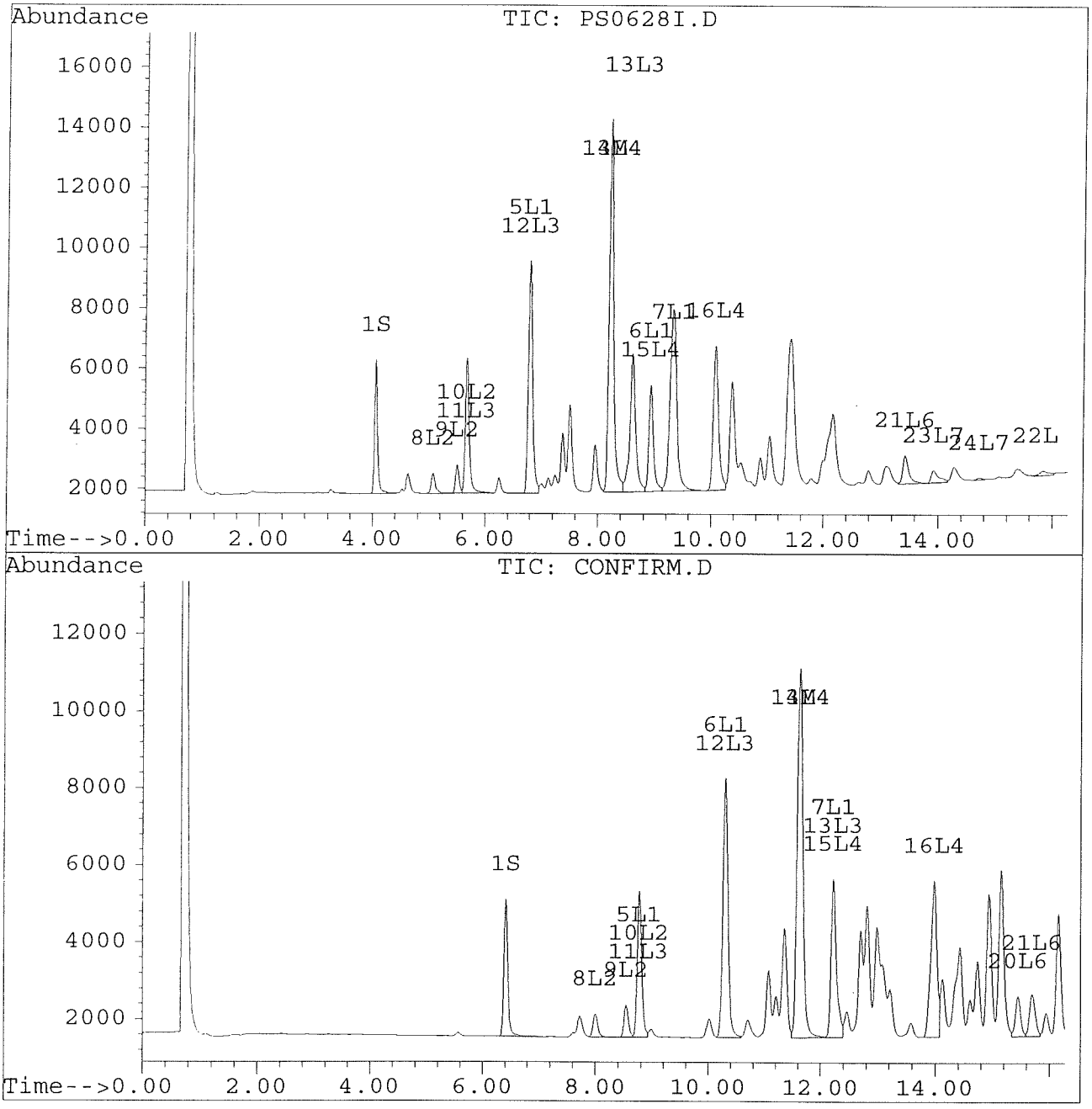
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628I.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628I.D\CONFIRM.D
Acq On : 28 Jun 96 11:14 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jun 28 23:47 1996

Vial: 50
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



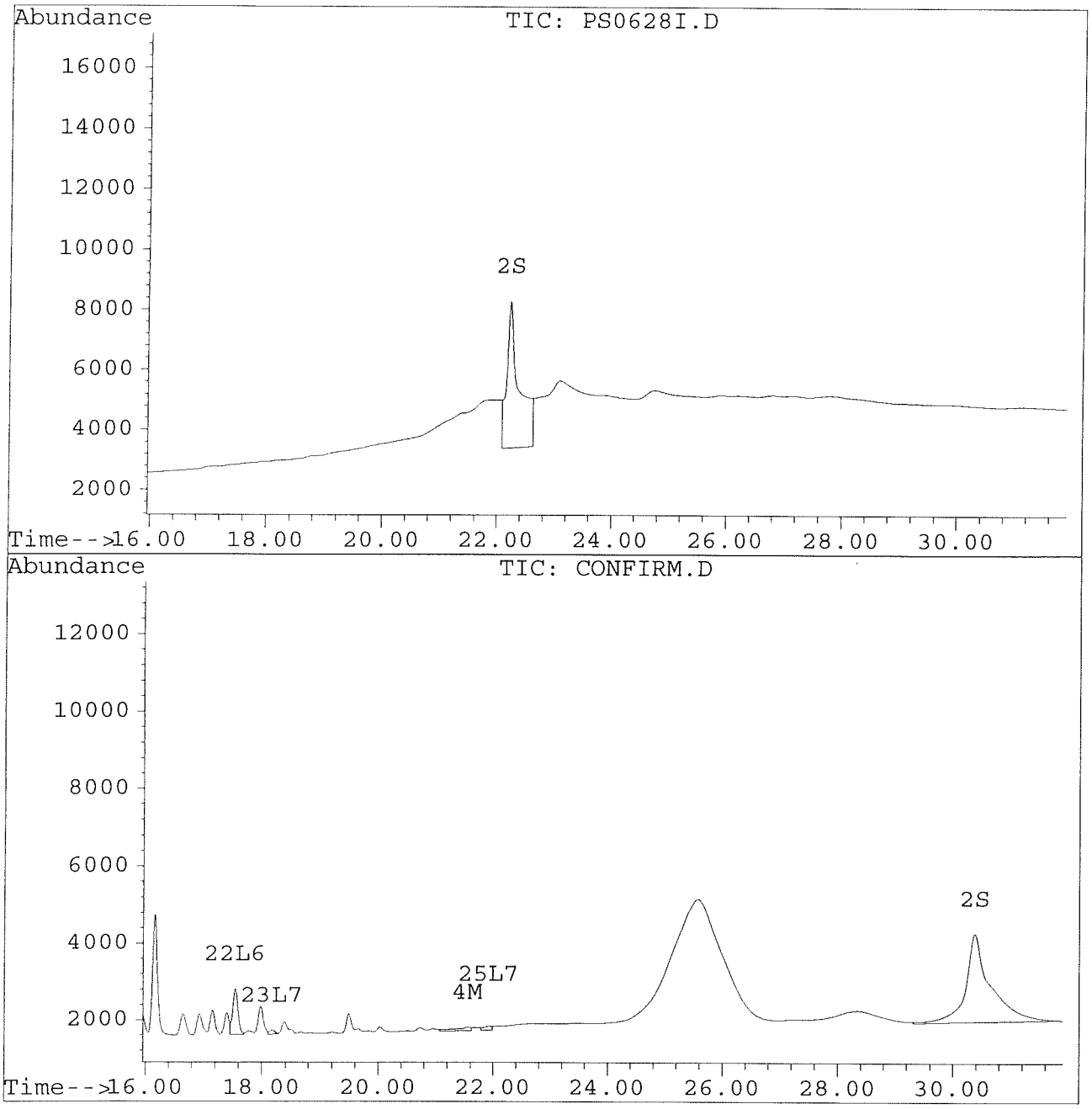
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628I.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628I.D\CONFIRM.D
Acq On : 28 Jun 96 11:14 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jun 28 23:47 1996

Vial: 50
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628J.D Vial: 61
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628J.D\CONFIRM.D
Acq On : 29 Jun 96 05:44 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 6:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	4258	3471	0.019	0.019
				Recovery	=	47.50%	47.50%
2) S	Decachlorobiphenyl	0.00	30.37	0	1685	N.D.	0.021 #
				Recovery	=	0.00%	52.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	16652	12671	0.164	0.125
4) M	2,2',3,3',4,4'-Hexa	16.95	21.58	7356	1936	0.080	0.014 #
5) L1	Aroclor-1016	6.79	8.77	10035	4289	0.328	0.326
6) L1	Aroclor-1016 {2}	8.93	10.29	4846	8635	0.322	0.322
7) L1	Aroclor-1016 {3}	9.33	12.22	8058	5324	0.329	0.320
	Total Aroclor-1016			22939	18248	0.979	0.968
	Average Aroclor-1016					0.326	0.323
8) L2	Aroclor-1221	5.08	8.00	707	644	0.146	0.154
9) L2	Aroclor-1221 {2}	5.50	8.54	1014	881	0.250	0.262
10) L2	Aroclor-1221 {3}	5.67	8.77	5051	4289	0.364	0.418
	Total Aroclor-1221			6772	5815	0.760	0.833
	Average Aroclor-1221					0.253	0.278
11) L3	Aroclor-1232	5.67	8.77	5051	4289	0.420	0.472
12) L3	Aroclor-1232 {2}	6.79	10.29	10035	8635	1.151	1.153
13) L3	Aroclor-1232 {3}	8.60	12.22	6136	5324	1.168	1.242
	Total Aroclor-1232			21222	18248	2.740	2.867
	Average Aroclor-1232					0.913	0.956
14) L4	Aroclor-1242	8.21	11.63	16652	12671	0.443	0.434
15) L4	Aroclor-1242 {2}	8.93	12.22	4846	5324	0.437	0.423
16) L4	Aroclor-1242 {3}	10.07	13.98	6026	4674	0.412	0.374
	Total Aroclor-1242			27523	22669	1.292	1.232
	Average Aroclor-1242					0.431	0.411
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628J.D Vial: 61
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628J.D\CONFIRM.D
Acq On : 29 Jun 96 05:44 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 6:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.44	3781	3682	0.141	0.143
21) L6 Aroclor-1254 {2}	13.44	15.68	5811	3810	0.176	0.137
22) L6 Aroclor-1254 {3}	15.82	17.53	9626	6091	0.416	0.163 #
Total Aroclor-1254			19218	13583	0.733	0.443
Average Aroclor-1254					0.244	0.148
23) L7 Aroclor-1260	13.92	18.17	9526	9537	0.333	0.318
24) L7 Aroclor-1260 {2}	14.71	18.49	10412	10551	0.339	0.320
25) L7 Aroclor-1260 {3}	17.93	21.91	14106	15659	0.371	0.335
Total Aroclor-1260			34044	35747	1.043	0.973
Average Aroclor-1260					0.348	0.324
26) L8 Aroclor-1268	18.86	23.34	4049	3116	NoCal	NoCal
27) L8 Aroclor-1268 {2}	19.04	23.53	9299	2109	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.82	28.12	2965	1033	NoCal	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.

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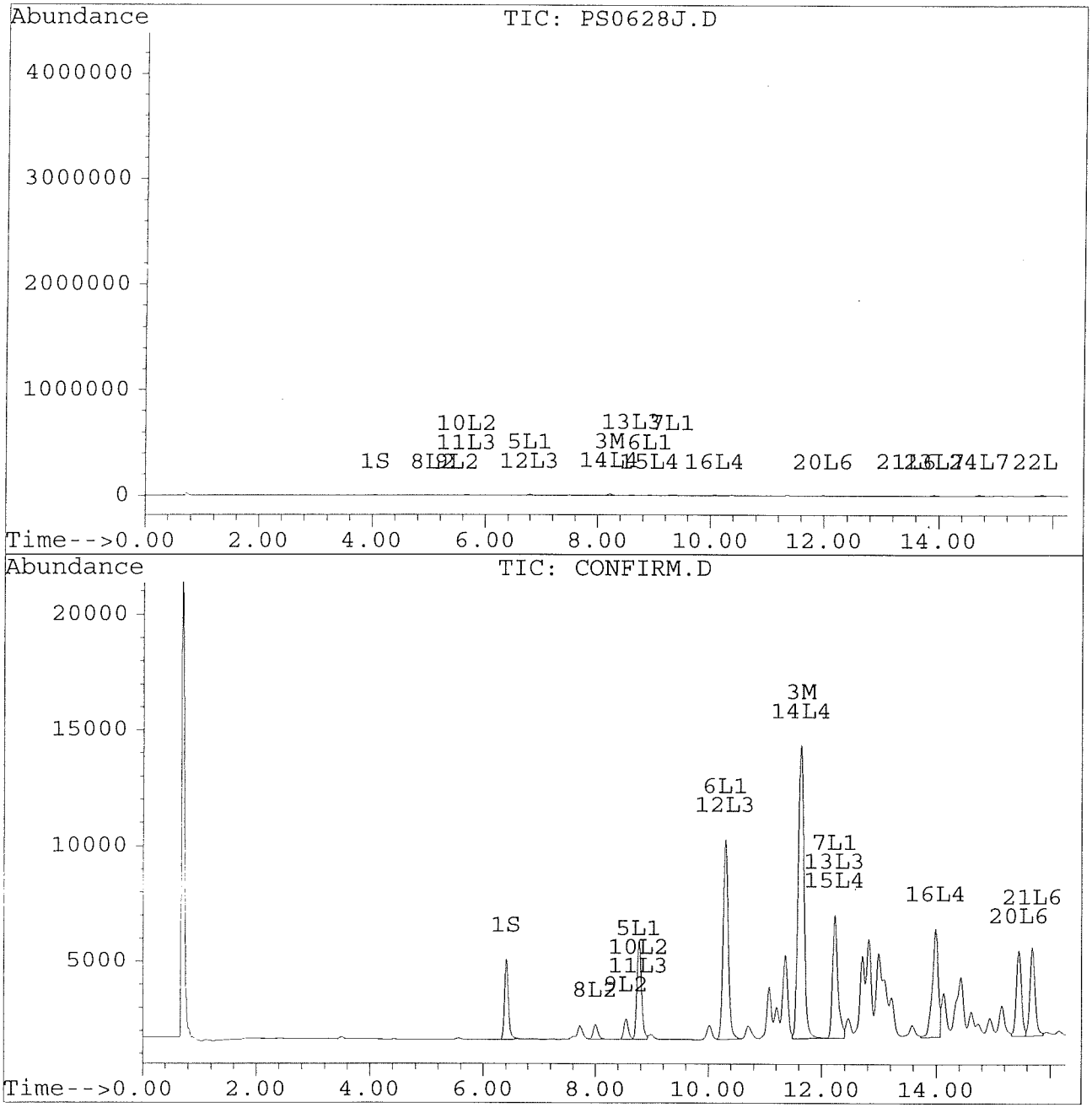
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628J.D Vial: 61
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628J.D\CONFIRM.D
Acq On : 29 Jun 96 05:44 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 6:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



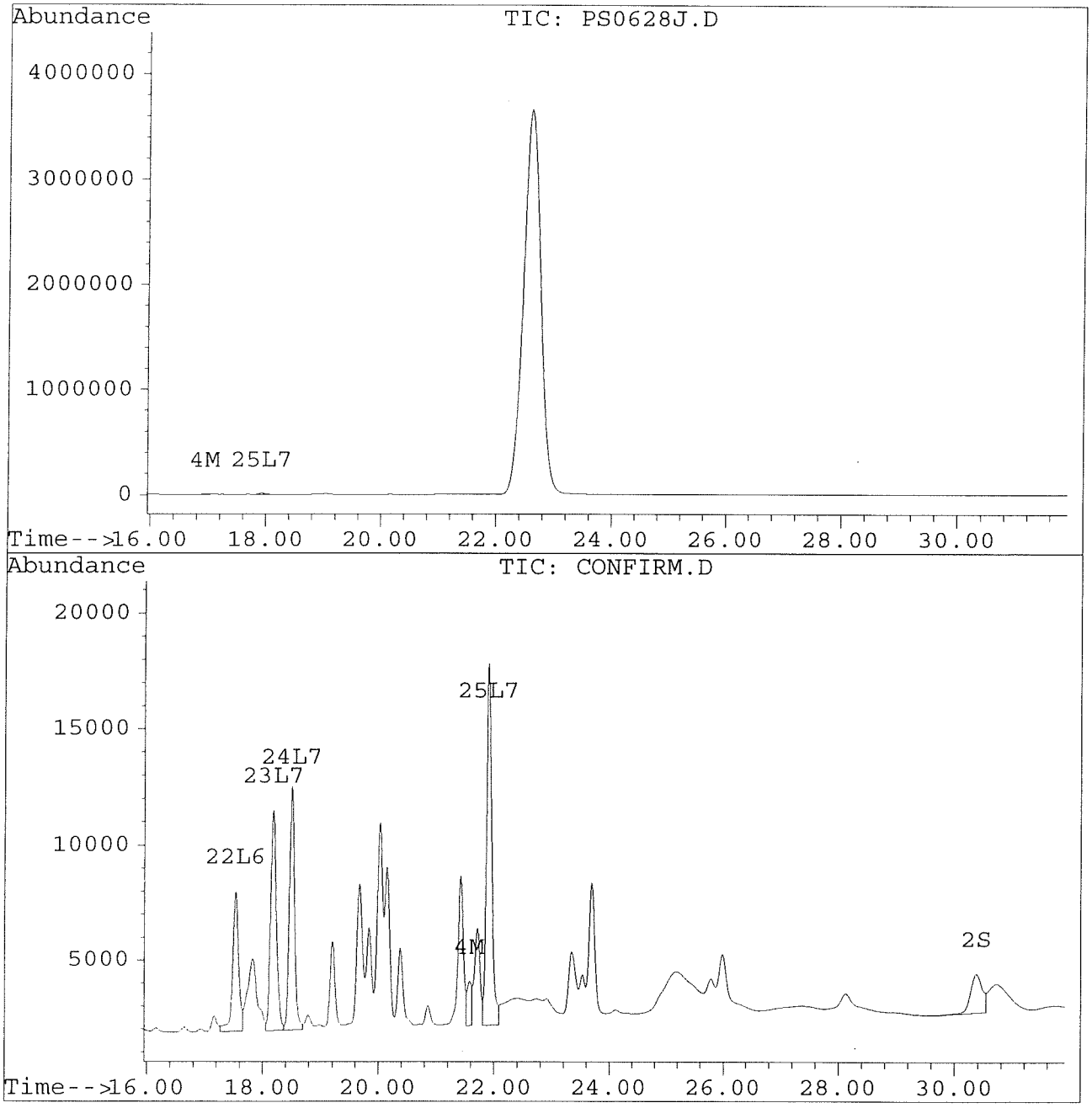
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628J.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628J.D\CONFIRM.D
Acq On : 29 Jun 96 05:44 AM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jun 29 6:18 1996

Vial: 61
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628K.D Vial: 62
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628K.D\CONFIRM.D
Acq On : 29 Jun 96 06:20 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 6:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	4598	3640	0.020	0.019
				Recovery	=	50.00%	47.50%
2) S	Decachlorobiphenyl	22.23	30.37	5342	2636	0.026	0.032
				Recovery	=	65.00%	80.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	303	708	0.003	0.007 #
4) M	2,2',3,3',4,4'-Hexa	16.95	21.55	2221	2185	0.024	0.016 #
5) L1	Aroclor-1016	6.80	8.77	174	62	0.006	0.005
6) L1	Aroclor-1016 {2}	8.93	10.30	87	192	0.006	0.007
7) L1	Aroclor-1016 {3}	9.29f	12.22	5576	1001	0.228	0.060 #
Total	Aroclor-1016			5837	1256	0.239	0.072
Average	Aroclor-1016					0.080	0.024
8) L2	Aroclor-1221	5.03	0.00	16	0	0.003	N.D. #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.67	8.77	74	62	0.005	0.006
Total	Aroclor-1221			89	62	0.009	0.006
Average	Aroclor-1221					0.004	0.006
11) L3	Aroclor-1232	5.67	8.77	74	62	0.006	0.007
12) L3	Aroclor-1232 {2}	6.80	10.30	174	192	0.020	0.026 #
13) L3	Aroclor-1232 {3}	8.60	12.22	112	1001	0.021	0.234 #
Total	Aroclor-1232			360	1256	0.047	0.266
Average	Aroclor-1232					0.016	0.089
14) L4	Aroclor-1242	8.21	11.63	303	708	0.008	0.024 #
15) L4	Aroclor-1242 {2}	8.93	12.22	87	1001	0.008	0.080 #
16) L4	Aroclor-1242 {3}	10.07	13.98	2575	2862	0.176	0.229 #
Total	Aroclor-1242			2965	4572	0.192	0.333
Average	Aroclor-1242					0.064	0.111
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628K.D Vial: 62
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628K.D\CONFIRM.D
Acq On : 29 Jun 96 06:20 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 6:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	9074	8354	0.339	0.324
21) L6	Aroclor-1254 {2}	13.43	15.68	11573	8989	0.350	0.324
22) L6	Aroclor-1254 {3}	15.82	17.54	7952	12418	0.344	0.332
Total	Aroclor-1254			28599	29761	1.033	0.981
Average	Aroclor-1254					0.344	0.327
23) L7	Aroclor-1260	13.92	18.17	5434	4612	0.190	0.154
24) L7	Aroclor-1260 {2}	14.71	18.49	4699	4970	0.153	0.151
25) L7	Aroclor-1260 {3}	17.93	21.91	1226	1285	0.032	0.028
Total	Aroclor-1260			11358	10867	0.375	0.332
Average	Aroclor-1260					0.125	0.111
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.06f	0.00	956	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.83	0.00	1679	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

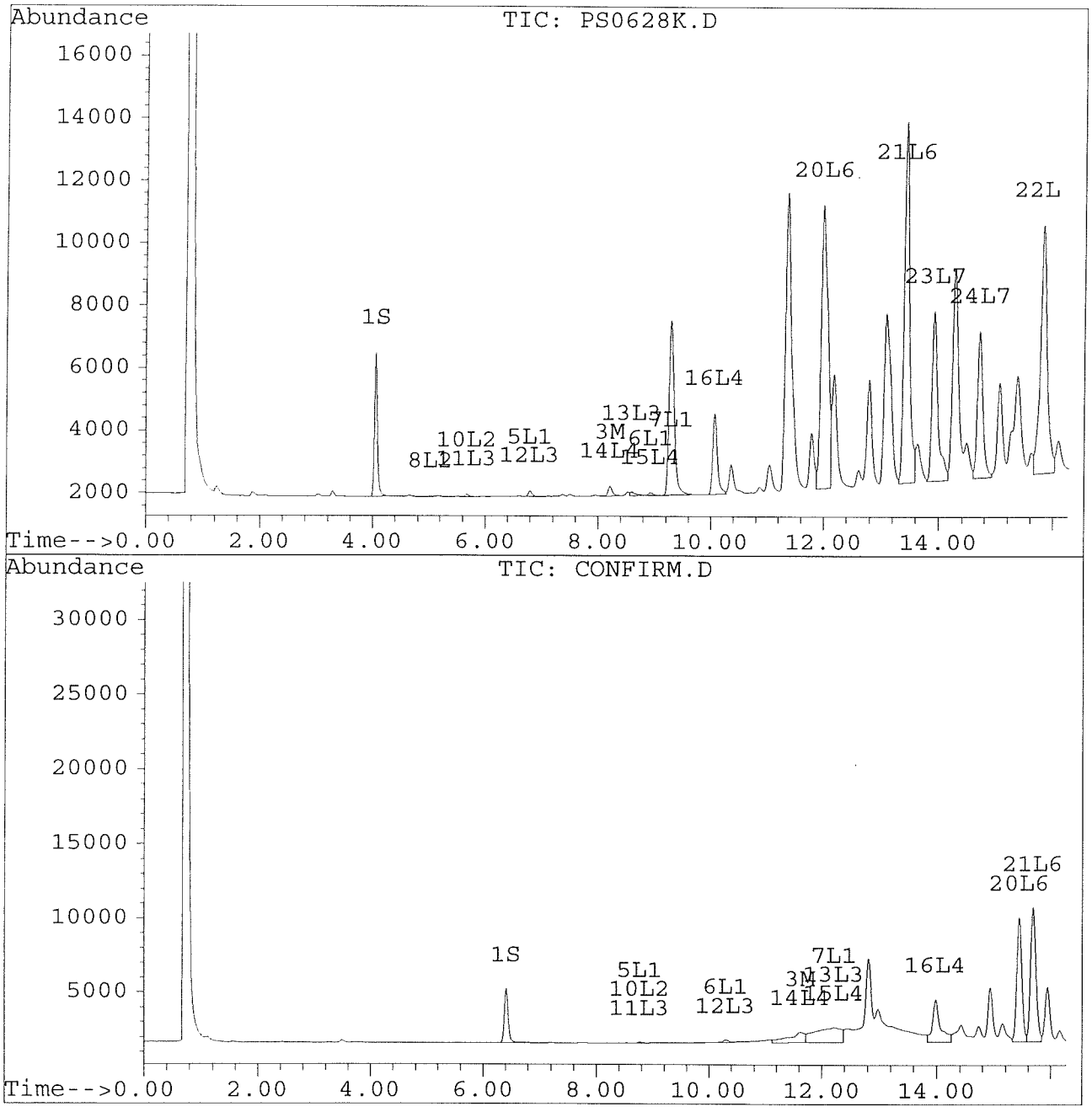
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628K.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628K.D\CONFIRM.D
Acq On : 29 Jun 96 06:20 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jun 29 6:53 1996

Vial: 62
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

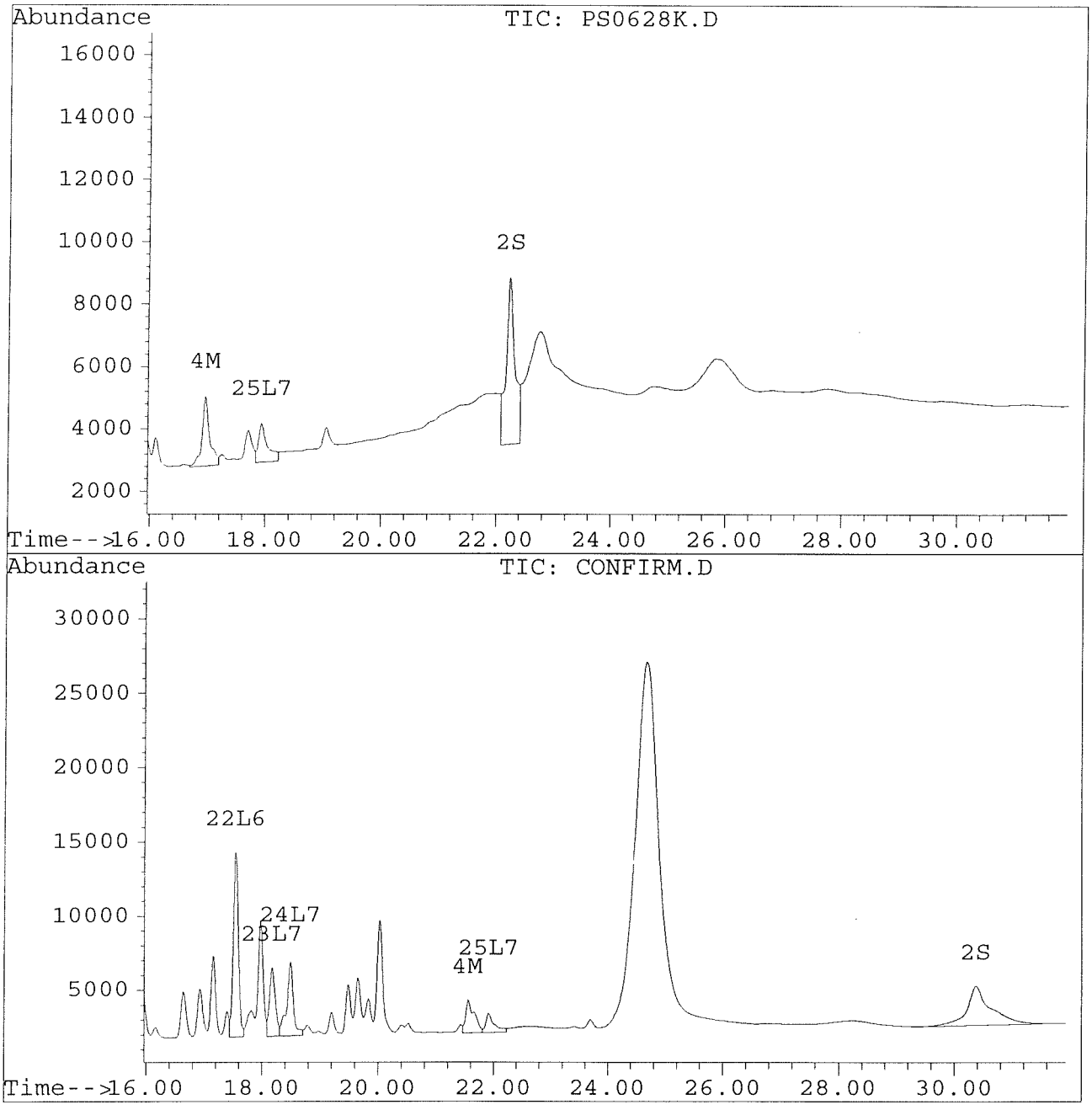


Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628K.D Vial: 62
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628K.D\CONFIRM.D
Acq On : 29 Jun 96 06:20 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 6:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628L.D Vial: 63
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628L.D\CONFIRM.D
Acq On : 29 Jun 96 06:55 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 7:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	4416	3570	0.019	0.019
				Recovery	=	47.50%	47.50%
2) S	Decachlorobiphenyl	22.23	0.00	5172	0	0.025	N.D. #
				Recovery	=	62.50%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	12634	9650	0.124	0.095
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5) L1	Aroclor-1016	6.79	8.77	7691	3787	0.252	0.288
6) L1	Aroclor-1016 {2}	8.93	10.29	3607	6694	0.240	0.249
7) L1	Aroclor-1016 {3}	9.32	12.22	6064	4061	0.248	0.244
Total	Aroclor-1016			17362	14542	0.739	0.781
Average	Aroclor-1016					0.246	0.260
8) L2	Aroclor-1221	5.08	8.00	665	611	0.137	0.146
9) L2	Aroclor-1221 {2}	5.50	8.54	944	824	0.232	0.245
10) L2	Aroclor-1221 {3}	5.67	8.77	4505	3787	0.325	0.369
Total	Aroclor-1221			6114	5222	0.695	0.760
Average	Aroclor-1221					0.232	0.253
11) L3	Aroclor-1232	5.67	8.77	4505	3787	0.375	0.417
12) L3	Aroclor-1232 {2}	6.79	10.29	7691	6694	0.882	0.894
13) L3	Aroclor-1232 {3}	8.60	12.22	4647	4061	0.885	0.947
Total	Aroclor-1232			16843	14542	2.142	2.258
Average	Aroclor-1232					0.714	0.753
14) L4	Aroclor-1242	8.21	11.63	12634	9650	0.336	0.331
15) L4	Aroclor-1242 {2}	8.93	12.22	3607	4061	0.326	0.323
16) L4	Aroclor-1242 {3}	10.07	13.98	4870	3987	0.333	0.319
Total	Aroclor-1242			21110	17698	0.995	0.973
Average	Aroclor-1242					0.332	0.324
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628L.D Vial: 63
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628L.D\CONFIRM.D
Acq On : 29 Jun 96 06:55 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 7:29 1996

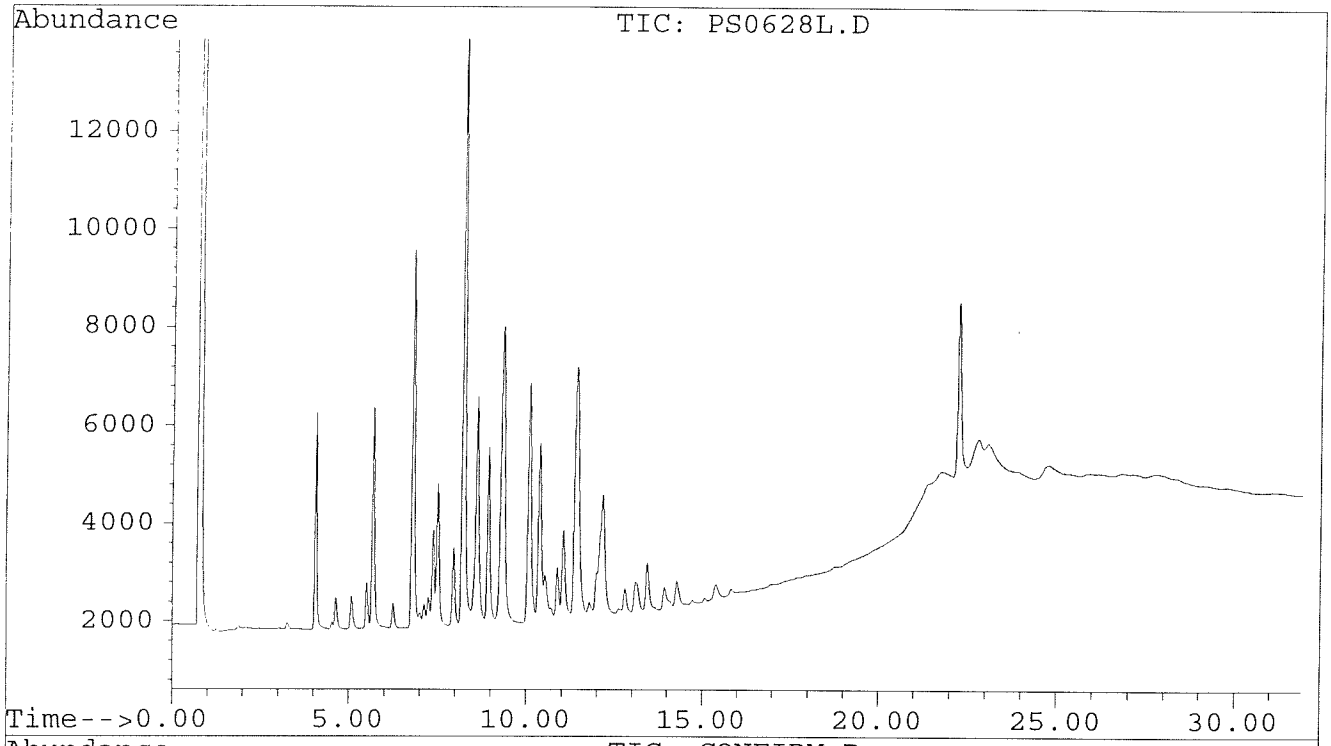
Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

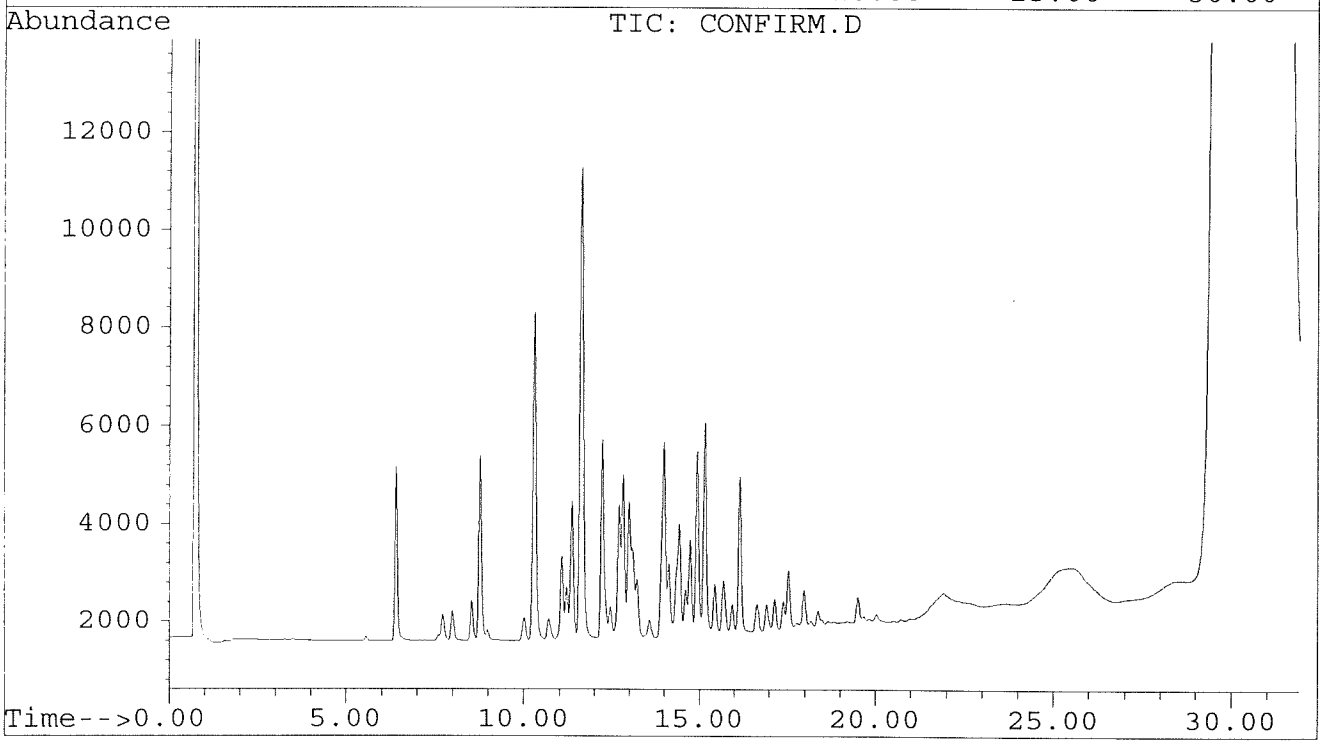
Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.44	0	1013	N.D.	0.039 #
21) L6 Aroclor-1254 {2}	13.43	15.69	990	1073	0.030	0.039 #
22) L6 Aroclor-1254 {3}	15.83	17.54	159	1202	0.007	0.032 #
Total Aroclor-1254			1148	3289	0.037	0.110
Average Aroclor-1254					0.018	0.037
23) L7 Aroclor-1260	13.92	18.17	437	122	0.015	0.004 #
24) L7 Aroclor-1260 {2}	14.72	18.49	72	146	0.002	0.004 #
25) L7 Aroclor-1260 {3}	0.00	21.92	0	502	N.D.	0.011 #
Total Aroclor-1260			509	770	0.018	0.019
Average Aroclor-1260					0.009	0.006
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	21.77f	0.00	1787	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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

File : D:\HPCHEM\5\JUN27A\PS0628L.D
Operator : JS
Acquired : 29 Jun 96 06:55 AM using AcqMethod PCB1E.MTH
Instrument : ECD1
Sample Name: AR1242 1.0 UG/ML
Misc Info :
Vial Number: 63





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628L.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628L.D\CONFIRM.D
Acq On : 29 Jun 96 06:55 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jun 29 7:29 1996

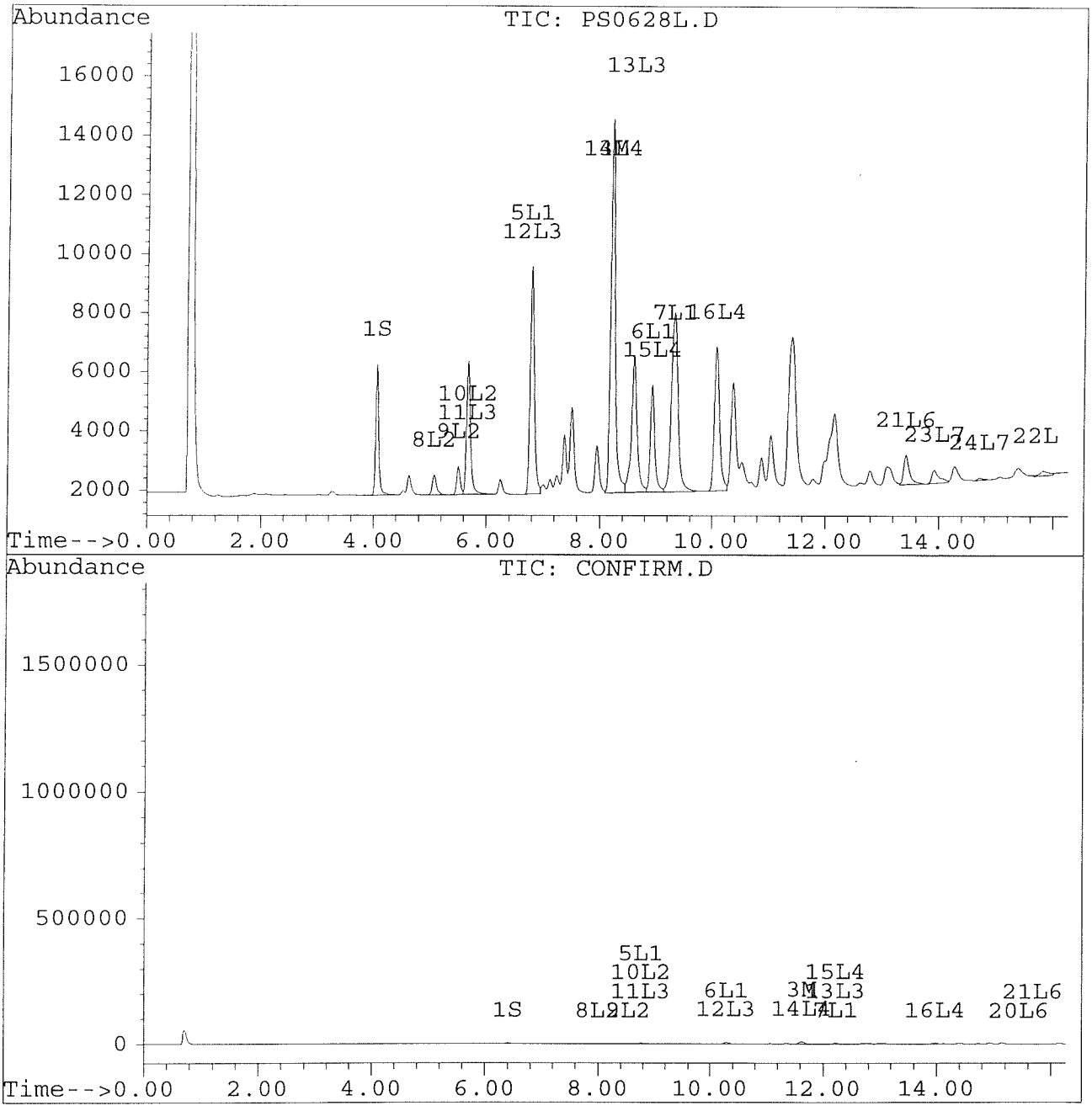
Vial: 63

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



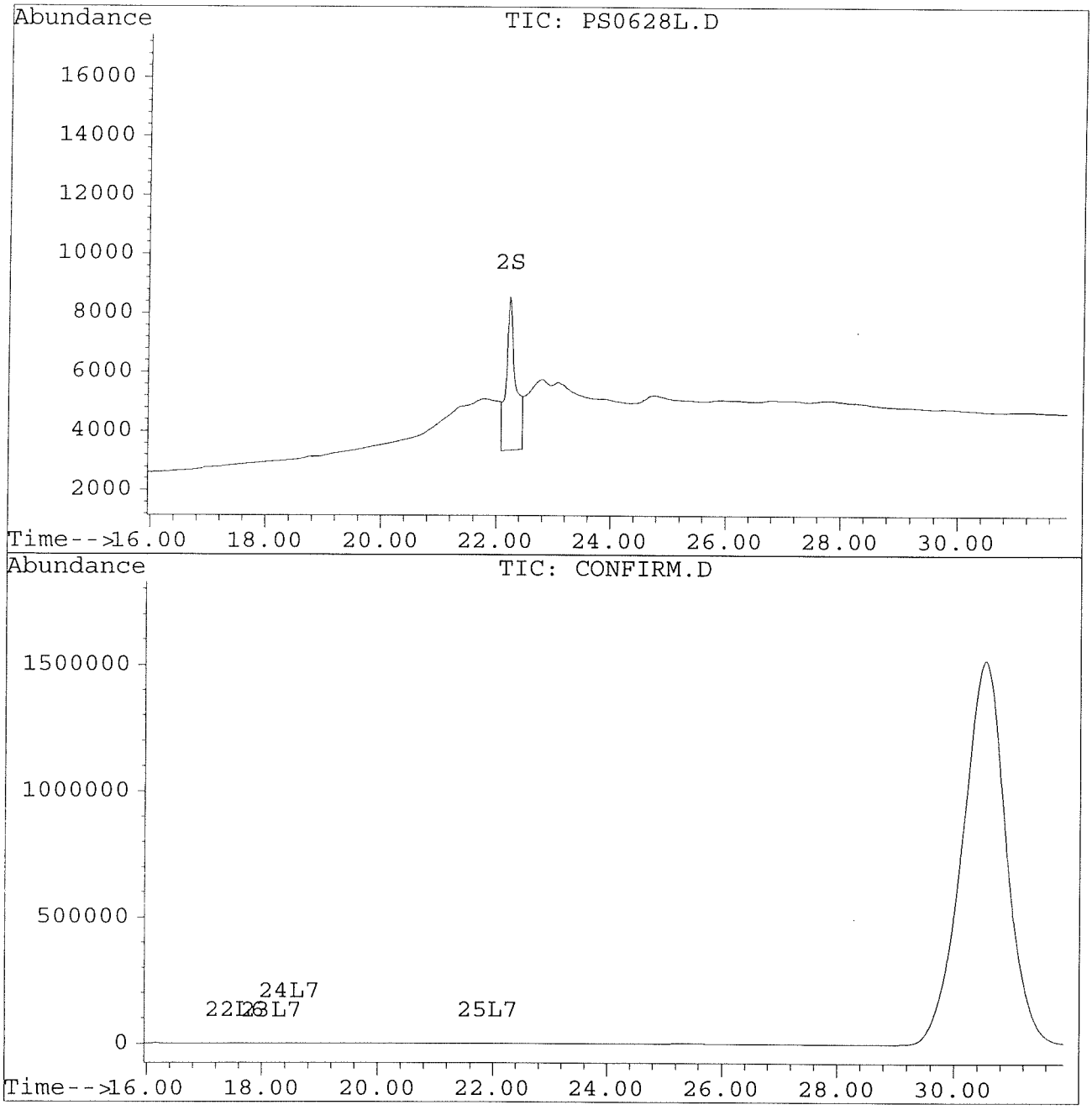
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628L.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628L.D\CONFIRM.D
Acq On : 29 Jun 96 06:55 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jun 29 7:29 1996

Vial: 63
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628M.D Vial: 68
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628M.D\CONFIRM.D
Acq On : 29 Jun 96 09:53 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 10:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.41	4470	3573	0.020	0.019	
				Recovery	=	50.00%	47.50%	
2) S	Decachlorobiphenyl	22.23	30.37	5732	4495	0.028	0.055	#
				Recovery	=	70.00%	137.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.62	17285	12939	0.170	0.128	
4) M	2,2',3,3',4,4'-Hexa	16.94	21.58	7582	1888	0.082	0.014	#
5) L1	Aroclor-1016	6.79	8.76	10344	4337	0.339	0.329	
6) L1	Aroclor-1016 {2}	8.93	10.29	5033	8801	0.334	0.328	
7) L1	Aroclor-1016 {3}	9.32	12.22	8235	5412	0.336	0.325	
Total	Aroclor-1016			23613	18549	1.009	0.983	
Average	Aroclor-1016					0.336	0.328	
8) L2	Aroclor-1221	5.07	8.00	731	651	0.151	0.155	
9) L2	Aroclor-1221 {2}	5.50	8.54	1054	907	0.259	0.270	
10) L2	Aroclor-1221 {3}	5.67	8.76	5248	4337	0.378	0.422	
Total	Aroclor-1221			7032	5895	0.789	0.847	
Average	Aroclor-1221					0.263	0.282	
11) L3	Aroclor-1232	5.67	8.76	5248	4337	0.437	0.478	
12) L3	Aroclor-1232 {2}	6.79	10.29	10344	8801	1.186	1.176	
13) L3	Aroclor-1232 {3}	8.60	12.22	6366	5412	1.212	1.262	
Total	Aroclor-1232			21958	18549	2.835	2.915	
Average	Aroclor-1232					0.945	0.972	
14) L4	Aroclor-1242	8.21	11.62	17285	12939	0.460	0.443	
15) L4	Aroclor-1242 {2}	8.93	12.22	5033	5412	0.454	0.430	
16) L4	Aroclor-1242 {3}	10.07	13.98	6272	4665	0.428	0.374	
Total	Aroclor-1242			28590	23016	1.343	1.247	
Average	Aroclor-1242					0.448	0.416	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628M.D Vial: 68
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628M.D\CONFIRM.D
Acq On : 29 Jun 96 09:53 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 10:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.44	3917	3652	0.146	0.142
21) L6 Aroclor-1254 {2}	13.43	15.68	6016	3754	0.182	0.135 #
22) L6 Aroclor-1254 {3}	15.82	17.52	10073	5581	0.435	0.149 #
Total Aroclor-1254			20006	12987	0.764	0.426
Average Aroclor-1254					0.255	0.142
23) L7 Aroclor-1260	13.92	18.17	9787	9343	0.342	0.311
24) L7 Aroclor-1260 {2}	14.70	18.49	10965	10534	0.357	0.320
25) L7 Aroclor-1260 {3}	17.92	21.90	14835	15575	0.390	0.334
Total Aroclor-1260			35587	35452	1.089	0.965
Average Aroclor-1260					0.363	0.322
26) L8 Aroclor-1268	18.85	23.34	3529	2999	NoCal	NoCal
27) L8 Aroclor-1268 {2}	19.03	23.53	9505	2007	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.81	28.12	3053	804	NoCal	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

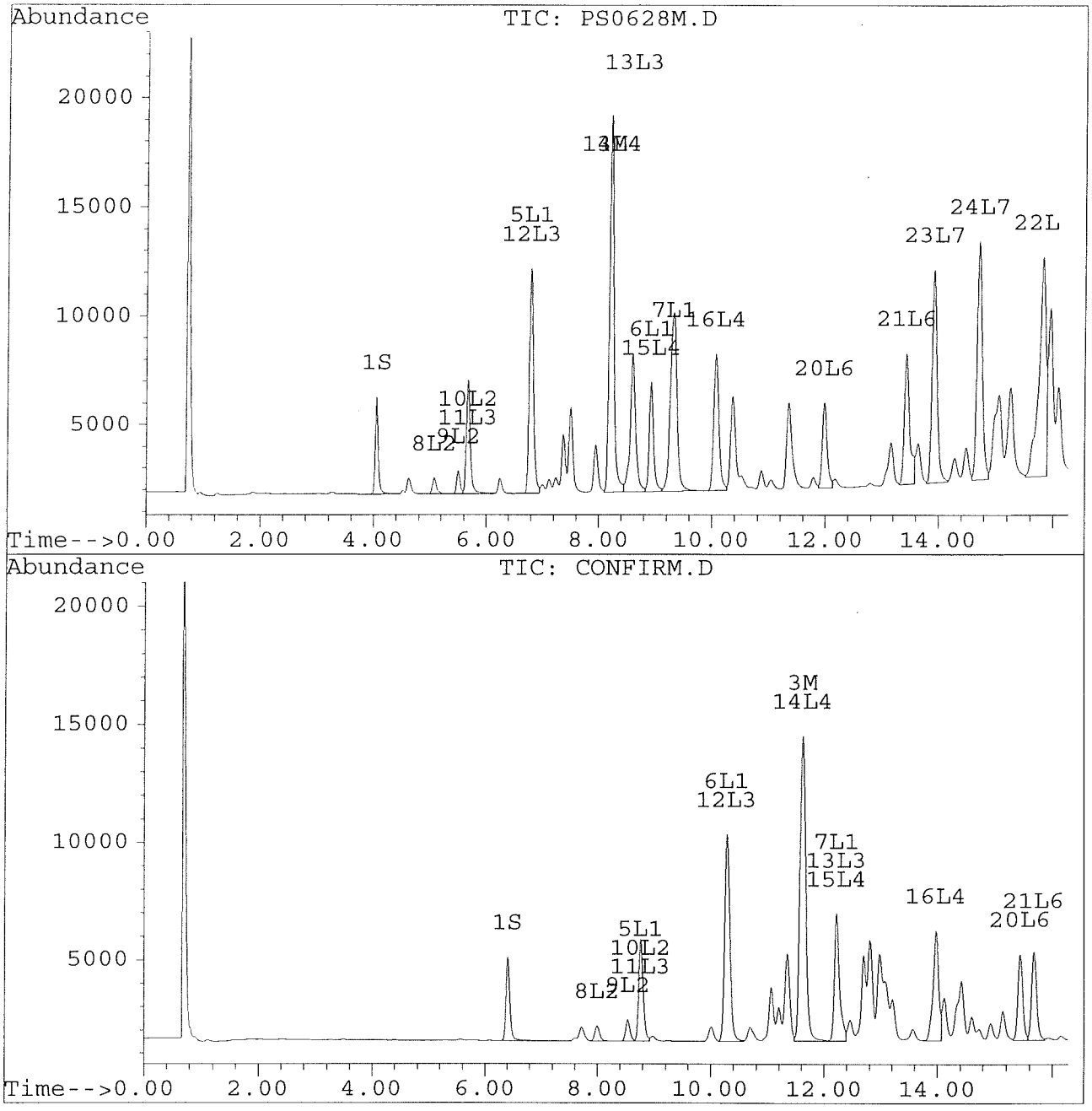
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628M.D Vial: 68
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628M.D\CONFIRM.D
Acq On : 29 Jun 96 09:53 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 10:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

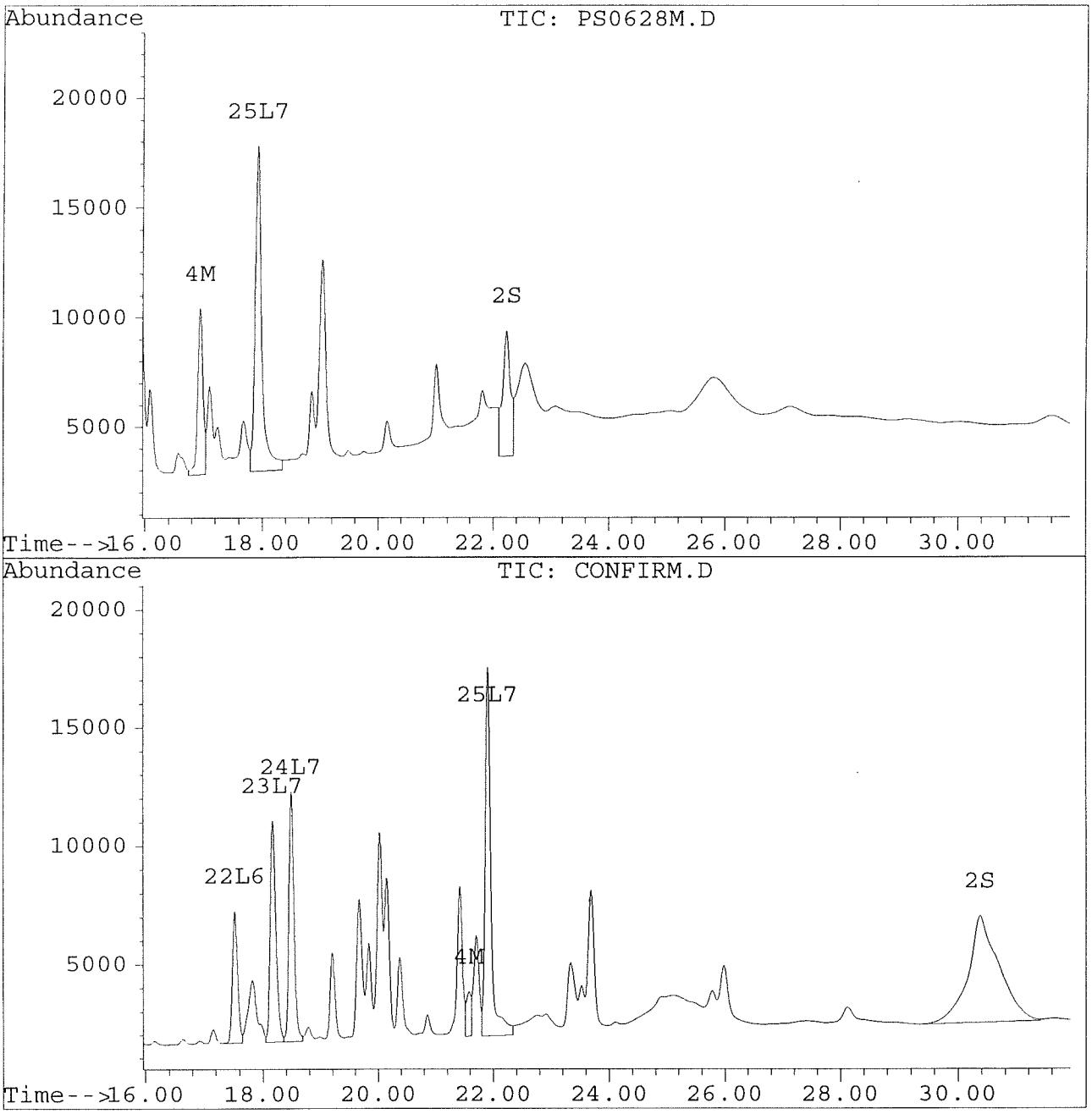


Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628M.D Vial: 68
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628M.D\CONFIRM.D
Acq On : 29 Jun 96 09:53 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 10:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628N.D Vial: 69
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628N.D\CONFIRM.D
Acq On : 29 Jun 96 10:29 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 11:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.05	6.41	4550	3661	0.020	0.020	
					Recovery	=	50.00%	50.00%	
2)	S	Decachlorobiphenyl	22.23	30.36	5291	2135	0.026	0.026	
					Recovery	=	65.00%	65.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.21	11.62	303	238	0.003	0.002	
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.55	2390	2246	0.026	0.017	#
5)	L1	Aroclor-1016	6.79	8.77	174	64	0.006	0.005	
6)	L1	Aroclor-1016 {2}	8.93	10.29	87	157	0.006	0.006	
7)	L1	Aroclor-1016 {3}	9.28f	12.22	5678	74	0.232	0.004	#
	Total	Aroclor-1016			5939	294	0.243	0.015	
Average		Aroclor-1016					0.081	0.005	
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10)	L2	Aroclor-1221 {3}	5.67	8.77	73	64	0.005	0.006	
	Total	Aroclor-1221			73	64	0.005	0.006	
Average		Aroclor-1221					0.005	0.006	
11)	L3	Aroclor-1232	5.67	8.77	73	64	0.006	0.007	
12)	L3	Aroclor-1232 {2}	6.79	10.29	174	157	0.020	0.021	
13)	L3	Aroclor-1232 {3}	8.59	12.22	111	74	0.021	0.017	
	Total	Aroclor-1232			358	294	0.047	0.045	
Average		Aroclor-1232					0.016	0.015	
14)	L4	Aroclor-1242	8.21	11.62	303	238	0.008	0.008	
15)	L4	Aroclor-1242 {2}	8.93	12.22	87	74	0.008	0.006	#
16)	L4	Aroclor-1242 {3}	10.06	13.98	2631	2378	0.180	0.191	
	Total	Aroclor-1242			3022	2689	0.196	0.205	
Average		Aroclor-1242					0.065	0.068	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
	Total	Aroclor-1248			0	0	N.D.	N.D.	
Average		Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628N.D Vial: 69
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628N.D\CONFIRM.D
Acq On : 29 Jun 96 10:29 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 11:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.44	9371	8264	0.351	0.321
21) L6 Aroclor-1254 {2}	13.42	15.68	12091	9052	0.365	0.326
22) L6 Aroclor-1254 {3}	15.82	17.54	8452	12458	0.365	0.333
Total Aroclor-1254			29914	29774	1.081	0.980
Average Aroclor-1254					0.360	0.327
23) L7 Aroclor-1260	13.92	18.17	5654	4580	0.198	0.153
24) L7 Aroclor-1260 {2}	14.70	18.49	4944	4962	0.161	0.151
25) L7 Aroclor-1260 {3}	17.92	21.91	1312	1361	0.034	0.029
Total Aroclor-1260			11910	10903	0.393	0.332
Average Aroclor-1260					0.131	0.111
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.05	0.00	999	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

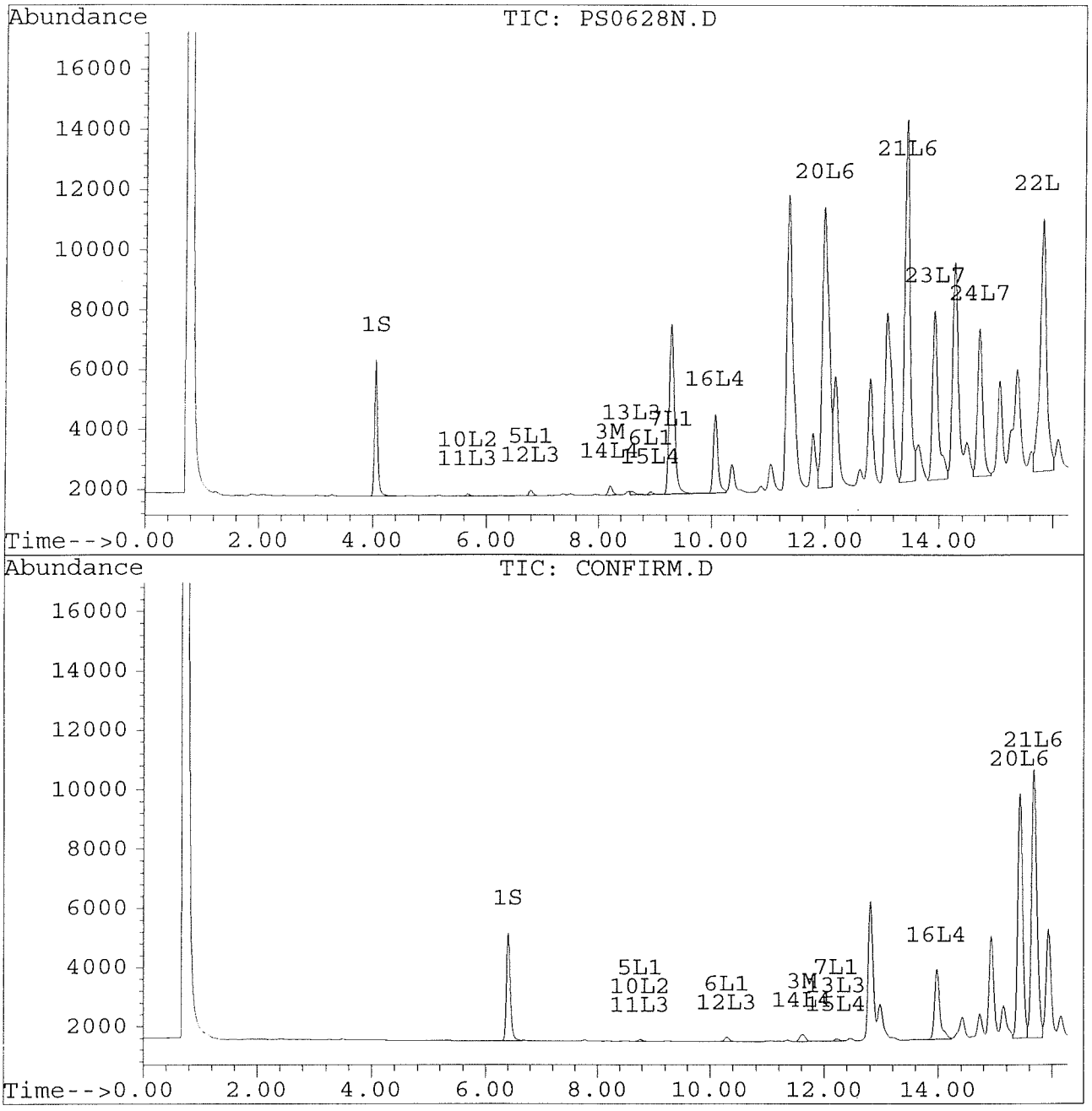
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628N.D Vial: 69
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628N.D\CONFIRM.D
Acq On : 29 Jun 96 10:29 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 11:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

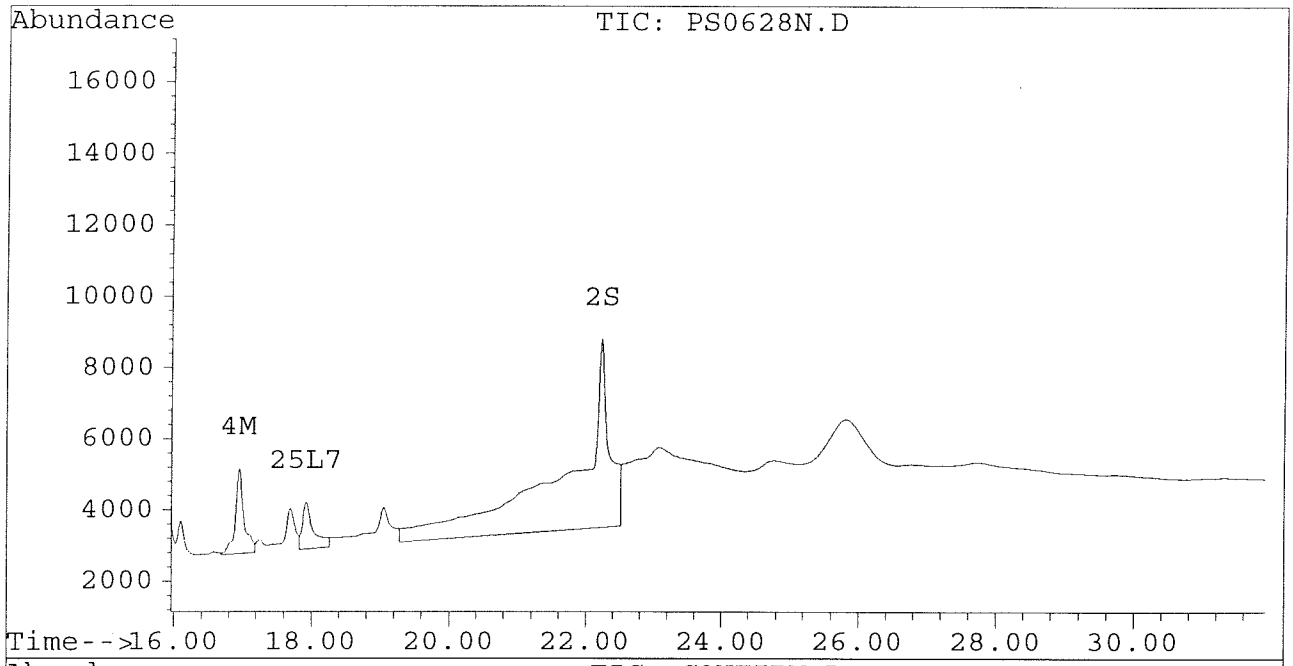


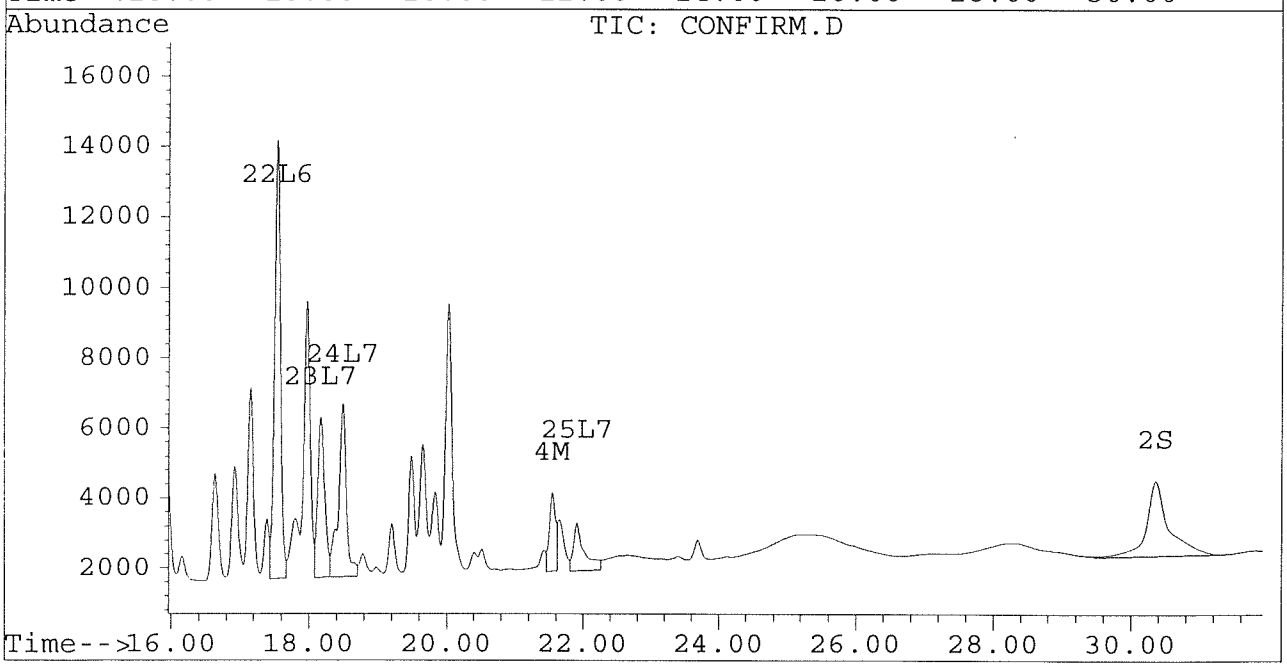
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628N.D Vial: 69
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628N.D\CONFIRM.D
Acq On : 29 Jun 96 10:29 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 11:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628O.D Vial: 70
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628O.D\CONFIRM.D
Acq On : 29 Jun 96 11:04 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 11:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.41	4511	3620	0.020	0.019	
				Recovery	=	50.00%	47.50%	
2) S	Decachlorobiphenyl	22.23	30.36	4866	2331	0.024	0.029	
				Recovery	=	60.00%	72.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.62	12935	9892	0.127	0.098	
4) M	2,2',3,3',4,4'-Hexa	17.02	21.57	39	225	0.000	0.002	#
5) L1	Aroclor-1016	6.79	8.76	7846	3864	0.257	0.294	
6) L1	Aroclor-1016 {2}	8.93	10.29	3687	6801	0.245	0.253	
7) L1	Aroclor-1016 {3}	9.32	12.22	6180	4140	0.252	0.249	
Total	Aroclor-1016			17713	14805	0.754	0.796	
Average	Aroclor-1016					0.251	0.265	
8) L2	Aroclor-1221	5.07	7.99	678	615	0.140	0.147	
9) L2	Aroclor-1221 {2}	5.50	8.54	964	842	0.237	0.250	
10) L2	Aroclor-1221 {3}	5.67	8.76	4580	3864	0.330	0.376	
Total	Aroclor-1221			6222	5321	0.708	0.773	
Average	Aroclor-1221					0.236	0.258	
11) L3	Aroclor-1232	5.67	8.76	4580	3864	0.381	0.426	
12) L3	Aroclor-1232 {2}	6.79	10.29	7846	6801	0.900	0.908	
13) L3	Aroclor-1232 {3}	8.60	12.22	4724	4140	0.900	0.966	
Total	Aroclor-1232			17150	14805	2.181	2.300	
Average	Aroclor-1232					0.727	0.767	
14) L4	Aroclor-1242	8.21	11.62	12935	9892	0.344	0.339	
15) L4	Aroclor-1242 {2}	8.93	12.22	3687	4140	0.333	0.329	
16) L4	Aroclor-1242 {3}	10.07	13.98	5030	4065	0.344	0.326	
Total	Aroclor-1242			21651	18096	1.021	0.994	
Average	Aroclor-1242					0.340	0.331	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

111

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628O.D Vial: 70
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628O.D\CONFIRM.D
Acq On : 29 Jun 96 11:04 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 11:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.44	0	1030	N.D.	0.040 #
21) L6 Aroclor-1254 {2}	13.42	15.69	1052	1096	0.032	0.040
22) L6 Aroclor-1254 {3}	15.83	17.54	131	1214	0.006	0.032 #
Total Aroclor-1254			1183	3340	0.037	0.112
Average Aroclor-1254					0.019	0.037
23) L7 Aroclor-1260	13.92	18.17	470	99	0.016	0.003 #
24) L7 Aroclor-1260 {2}	14.71	0.00	79	0	0.003	N.D. #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			549	99	0.019	0.003
Average Aroclor-1260					0.009	0.003
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	21.85	0.00	1349	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628O.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628O.D\CONFIRM.D
Acq On : 29 Jun 96 11:04 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jun 29 11:38 1996

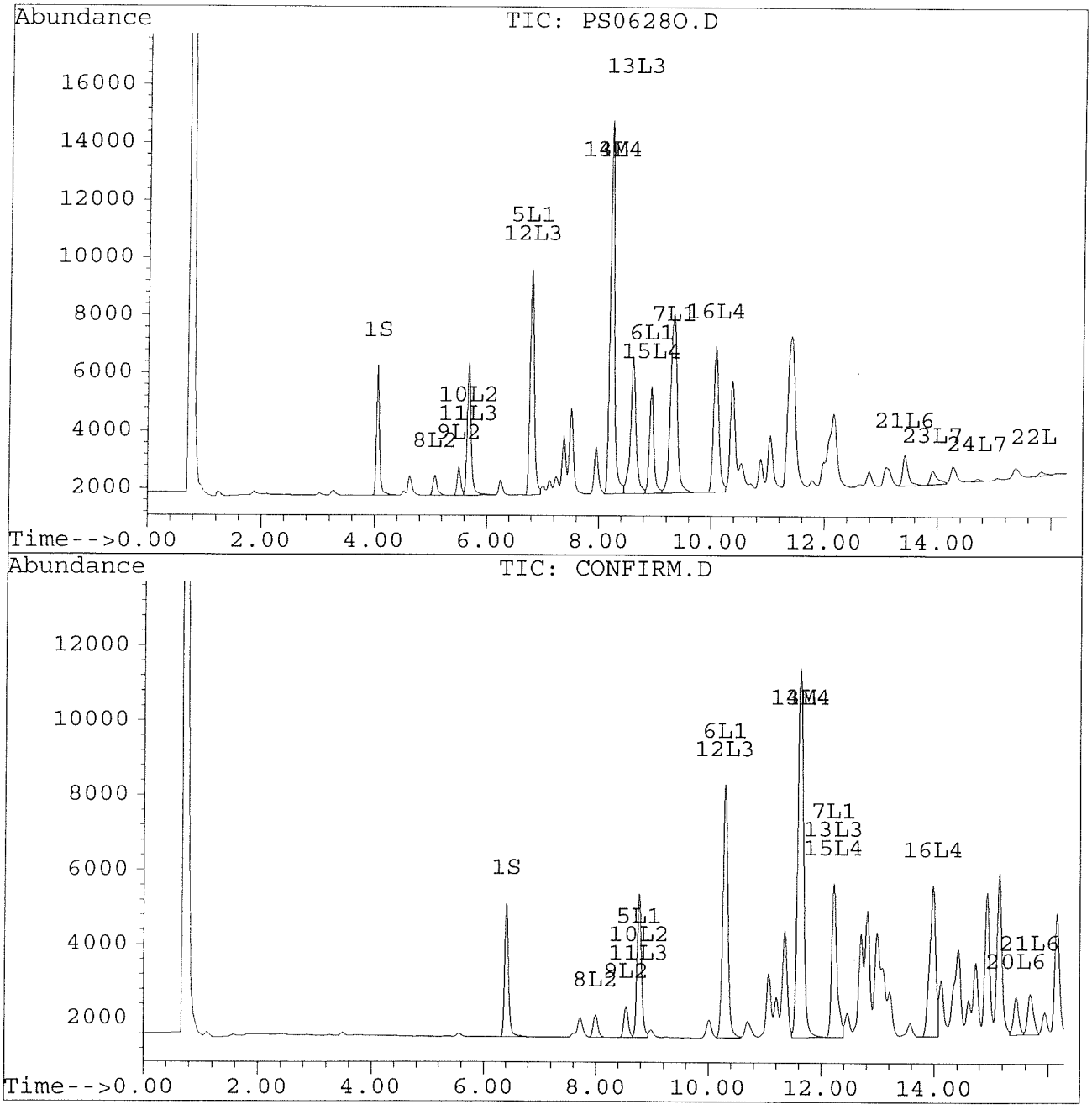
Vial: 70

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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

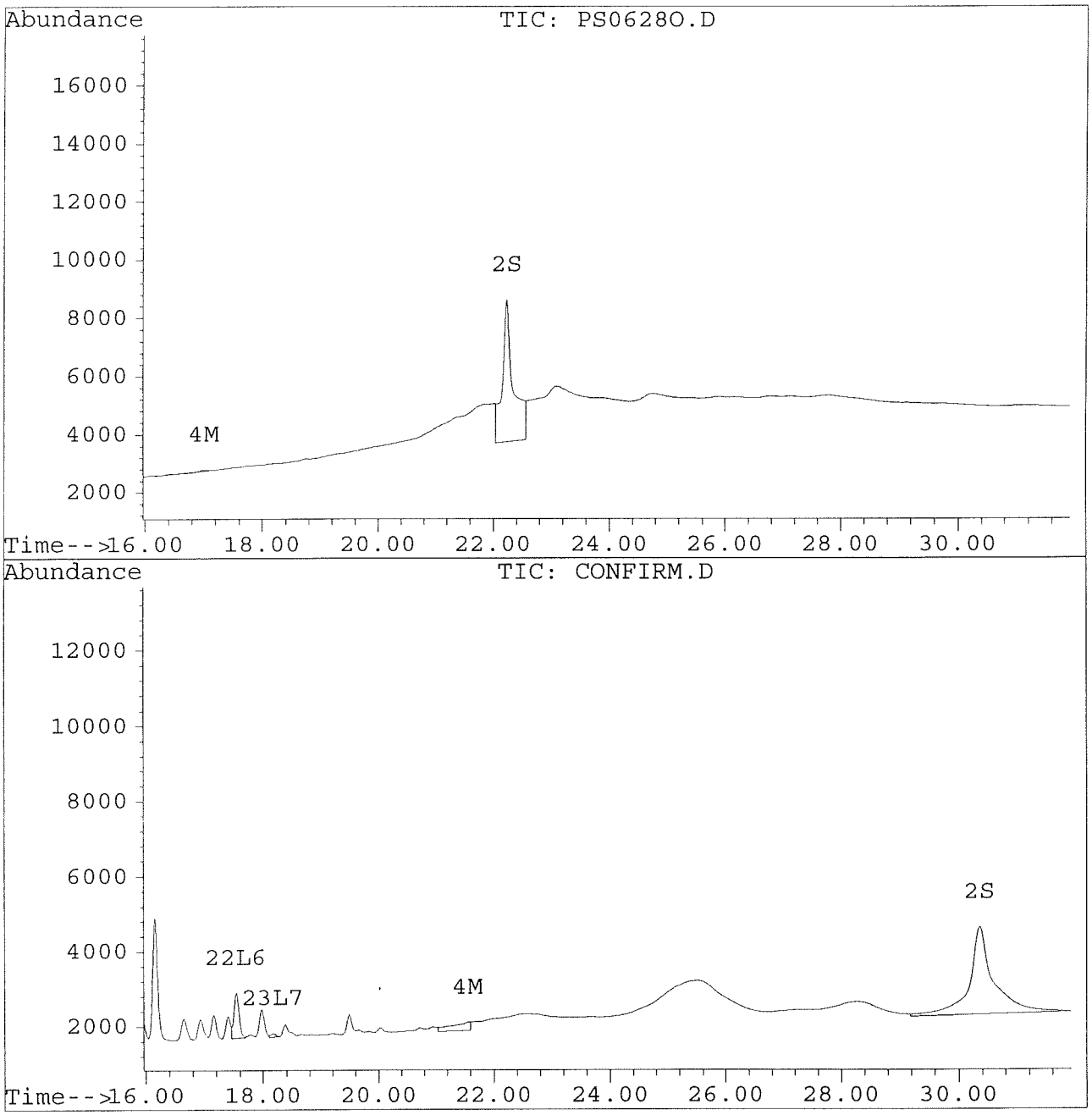


Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0628O.D Vial: 70
Signal #2 : D:\HPCHEM\5\JUN27A\PS0628O.D\CONFIRM.D
Acq On : 29 Jun 96 11:04 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 29 11:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Sequence Name: C:\HPCHEM\5\SEQUENCE\JL02.S
Comment:
Operator: JS
Data Path: D:\HPCHEM\5\JL02\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	PS0702A	PCB1E	AR1660 1.0 UG/ML
2	Sample	2	PS0702B	PCB1E	AR1254 1.0 UG/ML
3	Sample	3	PS0702C	PCB1E	AR1242 1.0 UG/ML
4	Sample	4	C540-07A	PCB1E	VHB/ PD01:F3 1:10 DILUTION
5	Sample	1	PS0702D	PCB1E	AR1660 1.0 UG/ML
6	Sample	2	PS0702E	PCB1E	AR1254 1.0 UG/ML
7	Sample	3	PS0702F	PCB1E	AR1242 1.0 UG/ML
8	Sample	5	P0625-B1	PCB1E	AQUEOUS METHOD BLANK
9	Sample	6	P0625-L1	PCB1E	AQUEOUS LAB CONTROL SAMPLE
10	Sample	7	C575-61	PCB1E	VHB/ DE QAQC M1:O3
11	Sample	8	C575-62	PCB1E	VHB/ DE QAQC M4:O6
12	Sample	9	C575-63	PCB1E	VHB/ DE QAQC D4:F6
13	Sample	10	C575-64	PCB1E	VHB/ DE QAQC D7:F9
14	Sample	11	C575-65	PCB1E	VHB/ DE QAQC G10:I12
15	Sample	12	C575-66	PCB1E	VHB/ DE QAQC P1:R3
16	Sample	13	C575-67	PCB1E	VHB/ DE QAQC G1:I3
17	Sample	14	C575-68	PCB1E	VHB/ DE QAQC G7:I9
18	Sample	15	PS0702G	PCB1E	AR1660 1.0 UG/ML
19	Sample	16	PS0702H	PCB1E	AR1254 1.0 UG/ML
20	Sample	17	PS0702I	PCB1E	AR1242 1.0 UG/ML
21	Sample	18	C575-69	PCB1E	VHB/ DE QAQC J1:L3
22	Sample	19	C575-70	PCB1E	VHB/ DE QAQC D1:F3
23	Sample	20	C575-71	PCB1E	VHB/ DE QAQC V7:X9
24	Sample	21	C575-72	PCB1E	VHB/ DE QAQC P4:R6
25	Sample	22	C575-73	PCB1E	VHB/ DE QAQC C1:F3
26	Sample	23	C575-74	PCB1E	VHB/ DE QAQC J10:F12
27	Sample	24	C575-75	PCB1E	VHB/ SDE QAQC U2
28	Sample	25	C575-76	PCB1E	VHB/ SDE QAQC L4
29	Sample	26	P0624-B2	PCB1E	SOIL METHOD BLANK
30	Sample	27	P0624-B3	PCB1E	SOIL LAB CONTROL SAMPLE
31	Sample	28	PS0702J	PCB1E	AR1660 1.0 UG/ML
32	Sample	29	PS0702K	PCB1E	AR1254 1.0 UG/ML
33	Sample	30	PS0702L	PCB1E	AR1242 1.0 UG/ML
34	Sample	31	C575-44	PCB1E	VHB / DP10:R12
35	Sample	32	C575-46	PCB1E	VHB / BS10:U12
36	Sample	33	C575-46M	PCB1E	VHB / BS10:U12 MS
37	Sample	34	C575-46D	PCB1E	VHB / BS10:U12 MSD
38	Sample	35	C575-47	PCB1E	VHB / BV10:X12
39	Sample	36	C575-48	PCB1E	VHB / PS04:U06
40	Sample	37	C575-19	PCB1E	VHB / PG4:I6
41	Sample	38	C575-57	PCB1E	VHB / PV10:X12
42	Sample	39	C575-01	PCB1E	VHB / PA4:C6
43	Sample	40	C575-08	PCB1E	VHB / DA10:C12

540

540, 575

575

575

415

Sequence Name: C:\HPCHEM\5\SEQUENCE\JL02.S

Line	Type	Vial	DataFile	Method	Sample Name
44	Sample	41	PS0702M	PCB1E	AR1660 1.0 UG/ML
45	Sample	42	PS0702N	PCB1E	AR1254 1.0 UG/ML
46	Sample	43	PS0702O	PCB1E	AR1242 1.0 UG/ML
47	Sample	44	C575-22	PCB1E	VHB / PG10:I12
48	Sample	45	C575-25	PCB1E	VHB / PJ4:L6
49	Sample	46	C575-28	PCB1E	VHB / PJ10:I12
50	Sample	47	C575-31	PCB1E	VHB / PM4:O6
51	Sample	48	C575-34	PCB1E	VHB / PM7:O9
52	Sample	49	C575-37	PCB1E	VHB / PM10:O12
53	Sample	50	C575-40	PCB1E	VHB / PP4:R6
54	Sample	51	C575-43	PCB1E	VHB / PP10:R12
55	Sample	52	C575-51	PCB1E	VHB / PS10:U12
56	Sample	53	C575-54	PCB1E	VHB / PV4:X09
57	Sample	54	PS0702P	PCB1E	AR1660 1.0 UG/ML
58	Sample	55	PS0702Q	PCB1E	AR1254 1.0 UG/ML
59	Sample	56	PS0702R	PCB1E	AR1242 1.0 UG/ML
60	Sample	70	C575-19A	PCB1E	VHB / PG4:I6 1:20 DILUTION
61	Sample	71	C575-19B	PCB1E	VHB / PG4:I6 1:10 DILUTION
62	Sample	72	C575-22A	PCB1E	VHB / PG10:I12 1:5 DILUTION
63	Sample	73	C575-25A	PCB1E	VHB / PJ4:L6 1:10 DILUTION
64	Sample	74	C575-28A	PCB1E	VHB / PJ10:I12 1:3 DILUTION
65	Sample	75	C575-44A	PCB1E	VHB / DP10:R12 1:3 DILUTION
66	Sample	36	C575-48A	PCB1E	VHB / PS04:U06 1:10 DILUTION
67	Sample	67	PS0702S	PCB1E	AR1660 1.0 UG/ML
68	Sample	68	PS0702T	PCB1E	AR1254 1.0 UG/ML
69	Sample	69	PS0702U	PCB1E	AR1242 1.0 UG/ML
70	Sample	57	C575-04	PCB1E	VHB / PA7:C9
71	Sample	58	PIBLK1	PCB1E	PIBLK
72	Sample	59	C575-07	PCB1E	VHB / PA7:C9
73	Sample	60	PIBLK2	PCB1E	PIBLK
74	Sample	61	C575-10	PCB1E	VHB / PD4:F6
75	Sample	62	PIBLK3	PCB1E	PIBLK
76	Sample	63	C575-13	PCB1E	VHB / PD7:F09
77	Sample	64	PIBLK4	PCB1E	PIBLK
78	Sample	65	C575-16	PCB1E	VHB / PD10:F12
79	Sample	66	PIBLK5	PCB1E	PIBLK
80	Sample	66	PIBLK6	PCB1E	PIBLK
81	Sample	66	PIBLK7	PCB1E	PIBLK
82	Sample	66	PIBLK8	PCB1E	PIBLK
83	Sample	66	PIBLK9	PCB1E	PIBLK
84	Sample	77	PS0702V	PCB1E	AR1660 1.0 UG/ML
85	Sample	78	PS0702W	PCB1E	AR1254 1.0 UG/ML
86	Sample	3	PS0702X	PCB1E	AR1242 1.0 UG/ML
87	Sample	1	PS0705A	PCB1E	AR1660 1.0 UG/ML
88	Sample	2	PS0705B	PCB1E	AR1254 1.0 UG/ML
89	Sample	3	PS0705C	PCB1E	AR1242 1.0 UG/ML
90	Sample	4	C575-08A	PCB1E	VHB / DA10:C12 RERUN
91	Sample	5	C575-51A	PCB1E	VHB / PS10:U12 RERUN
92	Sample	6	C575-31A	PCB1E	VHB / PM4:O6 1:30 DIL
93	Sample	7	C575-34A	PCB1E	VHB / PM7:O9 1:25 DIL
94	Sample	8	C575-37A	PCB1E	VHB / PM10:O12 1:25 DIL
95	Sample	9	C575-40A	PCB1E	VHB / PP4:R6 1:15 DIL
96	Sample	10	C575-43A	PCB1E	VHB / PP10:R12 1:5 DIL

575

575

575

575

Sequence Name: C:\HPCHEM\5\SEQUENCE\JL02.S

Line	Type	Vial	DataFile	Method	Sample Name
97	Sample	11	C575-48B	PCB1E	VHB / PS04:U06 1:10 DILUTION
98	Sample	12	C575-54A	PCB1E	VHB / PV4:X09 1:4 DIL
99	Sample	13	PS0705D	PCB1E	AR1660 1.0 UG/ML
100	Sample	14	PS0705E	PCB1E	AR1254 1.0 UG/ML
101	Sample	15	PS0705F	PCB1E	AR1242 1.0 UG/ML
102	Sample	16	C575-04A	PCB1E	VHB / PA7:C9 1:5 DIL
103	Sample	17	PIBLK10	PCB1E	PIBLK
104	Sample	18	C575-10A	PCB1E	VHB / PD4:F6 1:10 DIL
105	Sample	17	PIBLK11	PCB1E	PIBLK
106	Sample	19	PS0705G	PCB1E	AR1660 1.0 UG/ML
107	Sample	20	PS0705H	PCB1E	AR1254 1.0 UG/ML
108	Sample	21	PS0705I	PCB1E	AR1242 1.0 UG/ML

575

575

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702D.D Vial: 1
Signal #2 : D:\HPCHEM\5\JL02\PS0702D.D\CONFIRM.D
Acq On : 02 Jul 96 12:01 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 12:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.06	6.40	4496	3856	0.020	0.021	
				Recovery	=	50.00%	52.50%	
2) S	Decachlorobiphenyl	22.24	30.37	5325	1324	0.026	0.016	#
				Recovery	=	65.00%	40.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.62	16576	12663	0.163	0.125	
4) M	2,2',3,3',4,4'-Hexa	16.95	21.58	7412	1708	0.080	0.013	#
5) L1	Aroclor-1016	6.80	8.76	10313	4431	0.338	0.337	
6) L1	Aroclor-1016 (2)	8.93	10.29	4855	9191	0.323	0.343	
7) L1	Aroclor-1016 (3)	9.33	12.22	8214	5468	0.335	0.329	
Total	Aroclor-1016			23381	19090	0.996	1.008	
Average	Aroclor-1016					0.332	0.336	
8) L2	Aroclor-1221	5.08	7.99	734	708	0.152	0.169	
9) L2	Aroclor-1221 (2)	5.51	8.53	1049	964	0.258	0.287	
10) L2	Aroclor-1221 (3)	5.68	8.76	5135	4431	0.370	0.432	
Total	Aroclor-1221			6918	6103	0.780	0.887	
Average	Aroclor-1221					0.260	0.296	
11) L3	Aroclor-1232	5.68	8.76	5135	4431	0.427	0.488	
12) L3	Aroclor-1232 (2)	6.80	10.29	10313	9191	1.183	1.228	
13) L3	Aroclor-1232 (3)	8.61	12.22	6167	5468	1.174	1.275	
Total	Aroclor-1232			21616	19090	2.785	2.991	
Average	Aroclor-1232					0.928	0.997	
14) L4	Aroclor-1242	8.22	11.62	16576	12663	0.441	0.434	
15) L4	Aroclor-1242 (2)	8.93	12.22	4855	5468	0.438	0.435	
16) L4	Aroclor-1242 (3)	10.08	13.98	6204	4955	0.424	0.397	
Total	Aroclor-1242			27635	23086	1.303	1.265	
Average	Aroclor-1242					0.434	0.422	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702D.D Vial: 1
Signal #2 : D:\HPCHEM\5\JL02\PS0702D.D\CONFIRM.D
Acq On : 02 Jul 96 12:01 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 12:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.99	15.44	3850	3981	0.144	0.155
21) L6 Aroclor-1254 {2}	13.44	15.68	5910	3942	0.179	0.142
22) L6 Aroclor-1254 {3}	15.83	17.53	9573	5872	0.414	0.157 #
Total Aroclor-1254			19333	13795	0.736	0.454
Average Aroclor-1254					0.245	0.151
23) L7 Aroclor-1260	13.92	18.17	9612	10098	0.336	0.336
24) L7 Aroclor-1260 {2}	14.71	18.49	10400	10584	0.339	0.321
25) L7 Aroclor-1260 {3}	17.93	21.91	14056	14776	0.369	0.317
Total Aroclor-1260			34068	35458	1.044	0.974
Average Aroclor-1260					0.348	0.325
26) L8 Aroclor-1268	18.86	23.35	3299	2730	NoCal	NoCal
27) L8 Aroclor-1268 {2}	19.04	23.53	8797	1685	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.82	28.13f	2845	497	NoCal	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.

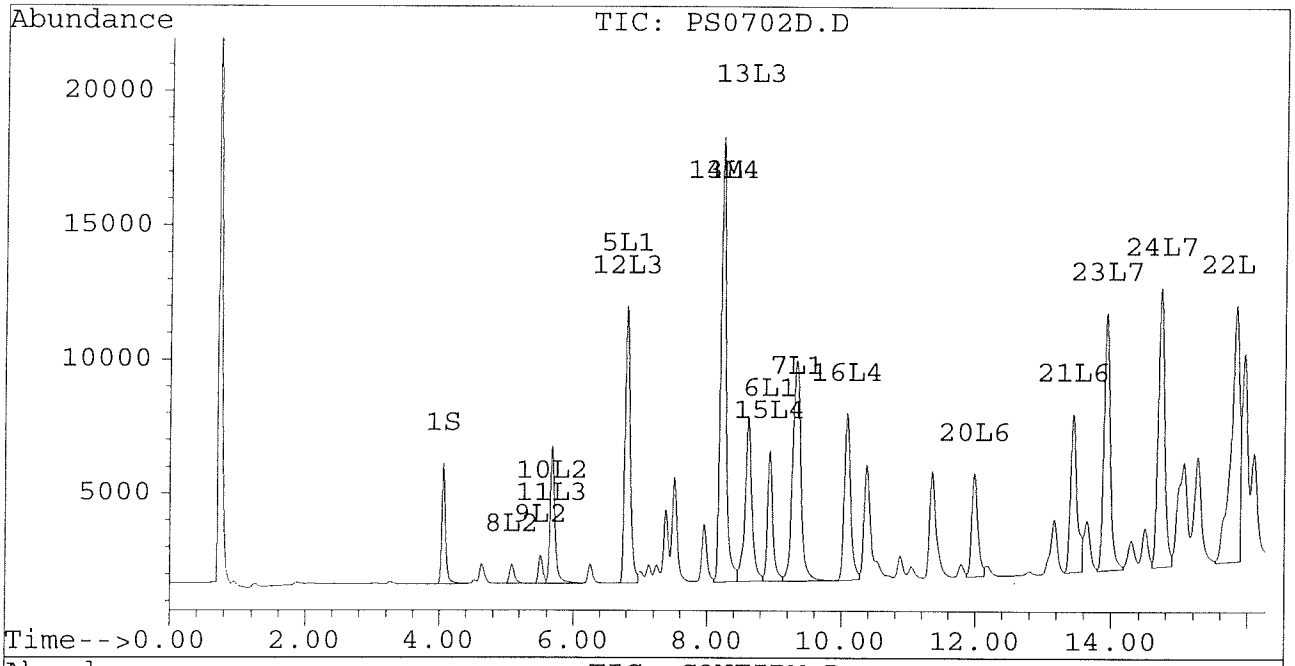
Quantitation Report

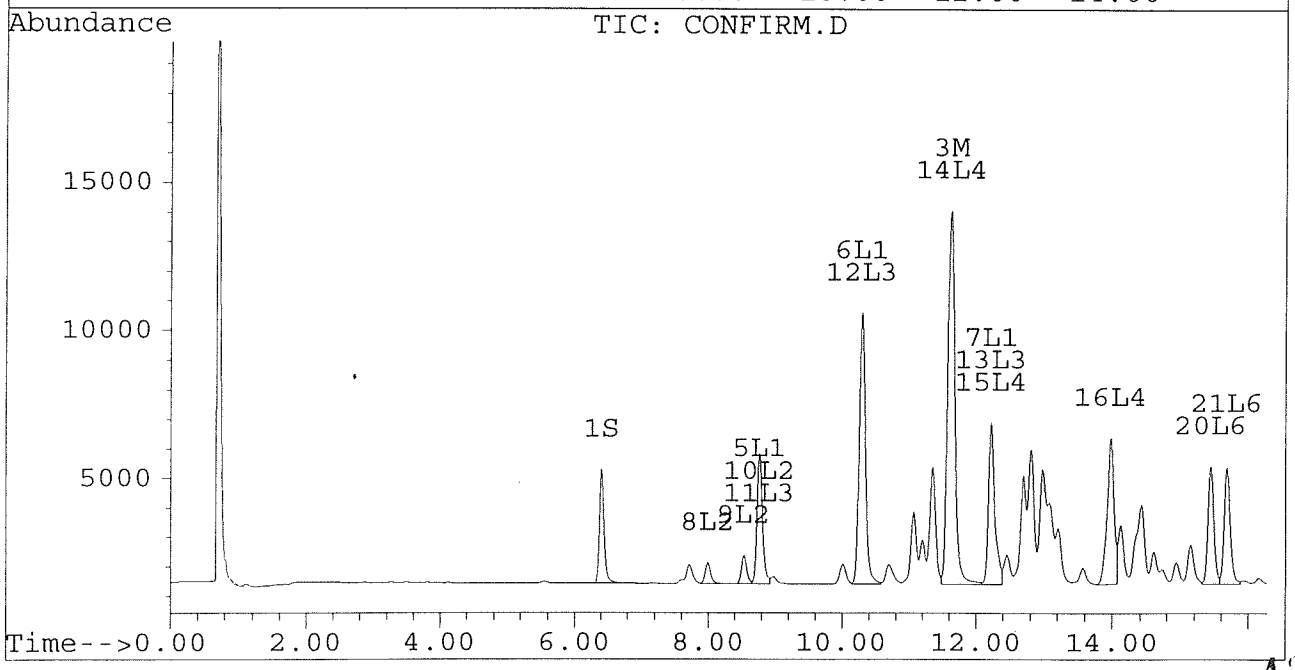
Signal #1 : D:\HPCHEM\5\JL02\PS0702D.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702D.D\CONFIRM.D
Acq On : 02 Jul 96 12:01 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 2 12:35 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702D.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702D.D\CONFIRM.D
Acq On : 02 Jul 96 12:01 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 2 12:35 1996

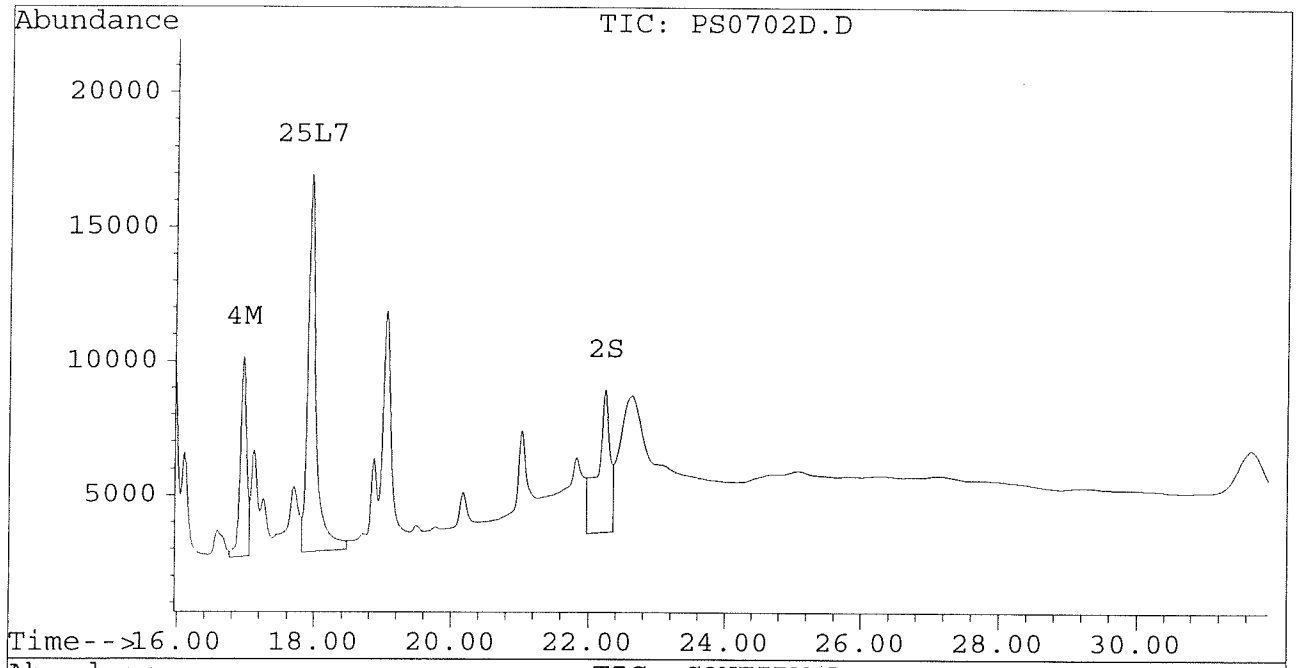
Vial: 1

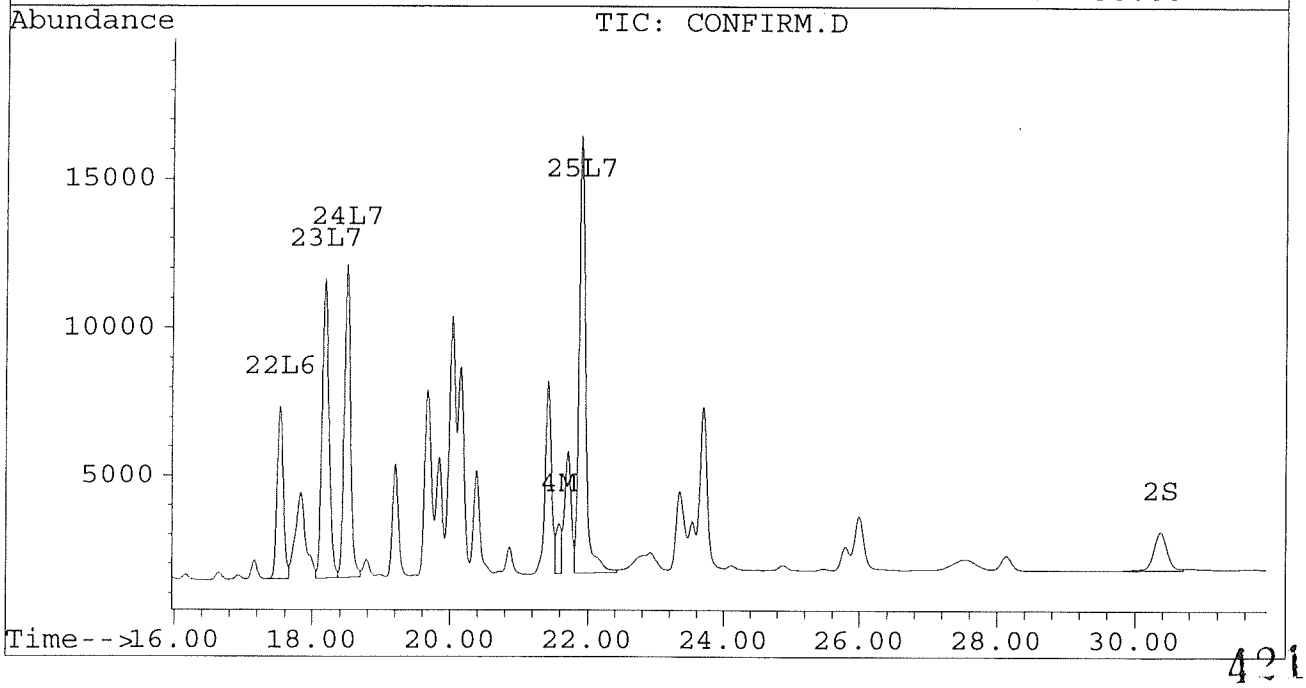
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702E.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL02\PS0702E.D\CONFIRM.D
Acq On : 02 Jul 96 12:37 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 13:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.05	6.41	4476	3913	0.020	0.021	
					Recovery	=	50.00%	52.50%	
2)	S	Decachlorobiphenyl	22.23	30.37	5371	1490	0.026	0.018	#
					Recovery	=	65.00%	45.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.21	11.62	296	247	0.003	0.002	
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.55	2359	2221	0.026	0.017	#
5)	L1	Aroclor-1016	6.80	8.77	177	66	0.006	0.005	
6)	L1	Aroclor-1016 (2)	8.93	10.30	88	167	0.006	0.006	
7)	L1	Aroclor-1016 (3)	9.29f	12.22	5608	83	0.229	0.005	#
		Total Aroclor-1016			5872	316	0.241	0.016	
		Average Aroclor-1016					0.080	0.005	
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9)	L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.	
10)	L2	Aroclor-1221 (3)	5.67	8.77	73	66	0.005	0.006	
		Total Aroclor-1221			73	66	0.005	0.006	
		Average Aroclor-1221					0.005	0.006	
11)	L3	Aroclor-1232	5.67	8.77	73	66	0.006	0.007	
12)	L3	Aroclor-1232 (2)	6.80	10.30	177	167	0.020	0.022	
13)	L3	Aroclor-1232 (3)	8.60	12.22	113	83	0.021	0.019	
		Total Aroclor-1232			363	316	0.048	0.049	
		Average Aroclor-1232					0.016	0.016	
14)	L4	Aroclor-1242	8.21	11.62	296	247	0.008	0.008	
15)	L4	Aroclor-1242 (2)	8.93	12.22	88	83	0.008	0.007	
16)	L4	Aroclor-1242 (3)	10.07	13.98	2624	2519	0.179	0.202	
		Total Aroclor-1242			3007	2848	0.195	0.217	
		Average Aroclor-1242					0.065	0.072	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702E.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL02\PS0702E.D\CONFIRM.D
Acq On : 02 Jul 96 12:37 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 13:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.44	9211	8785	0.345	0.341
21) L6 Aroclor-1254 {2}	13.43	15.68	11983	9341	0.362	0.337
22) L6 Aroclor-1254 {3}	15.83	17.54	8335	12803	0.360	0.343
Total Aroclor-1254			29530	30929	1.067	1.020
Average Aroclor-1254					0.356	0.340
23) L7 Aroclor-1260	13.92	18.17	5609	4945	0.196	0.165
24) L7 Aroclor-1260 {2}	14.71	18.49	4853	5203	0.158	0.158
25) L7 Aroclor-1260 {3}	17.93	21.91	1285	1234	0.034	0.026
Total Aroclor-1260			11746	11382	0.388	0.349
Average Aroclor-1260					0.129	0.116
26) L8 Aroclor-1268	18.85	0.00	319	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.05f	0.00	1013	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.13f	0	34	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

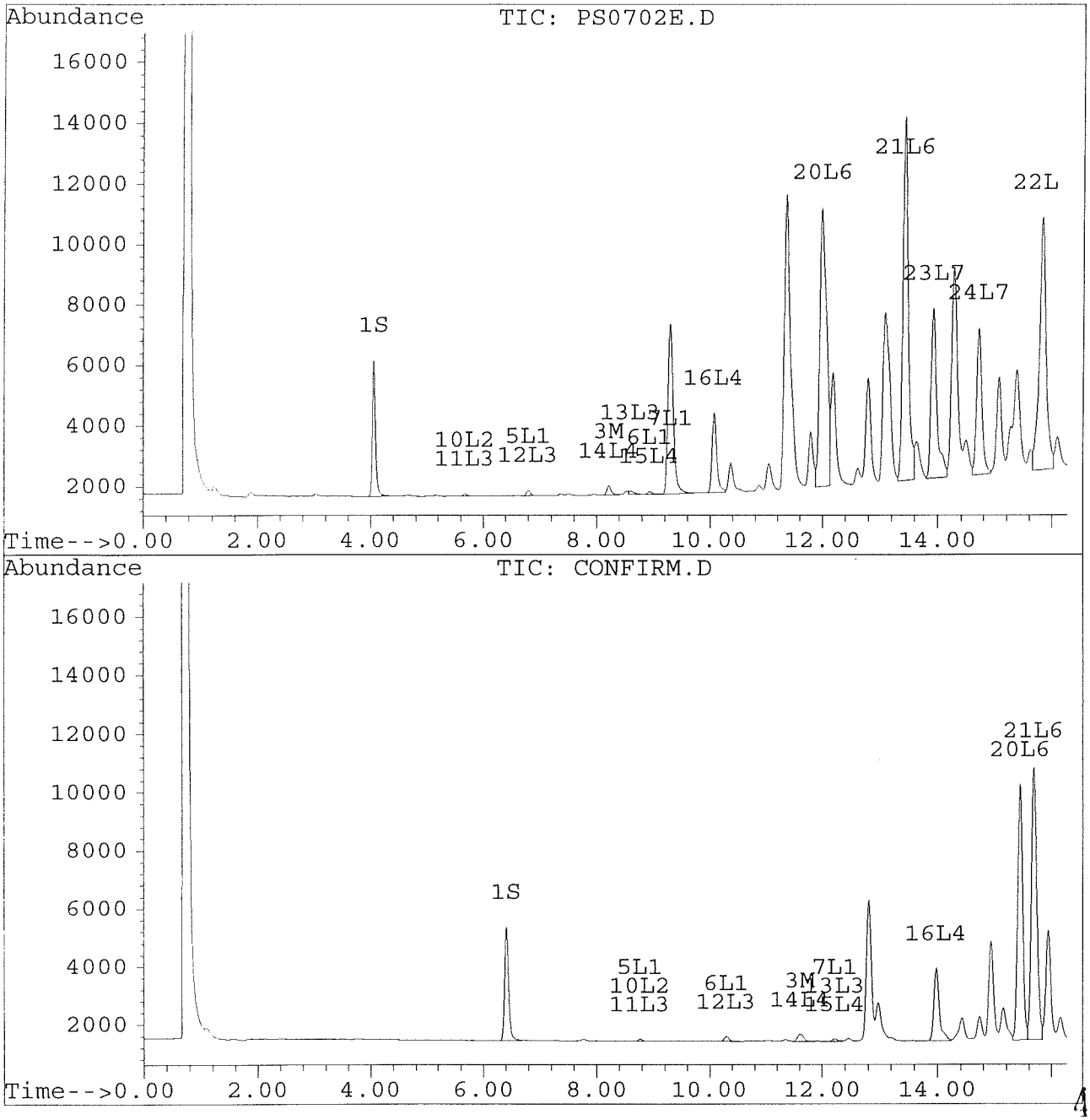
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702E.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL02\PS0702E.D\CONFIRM.D
Acq On : 02 Jul 96 12:37 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 13:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

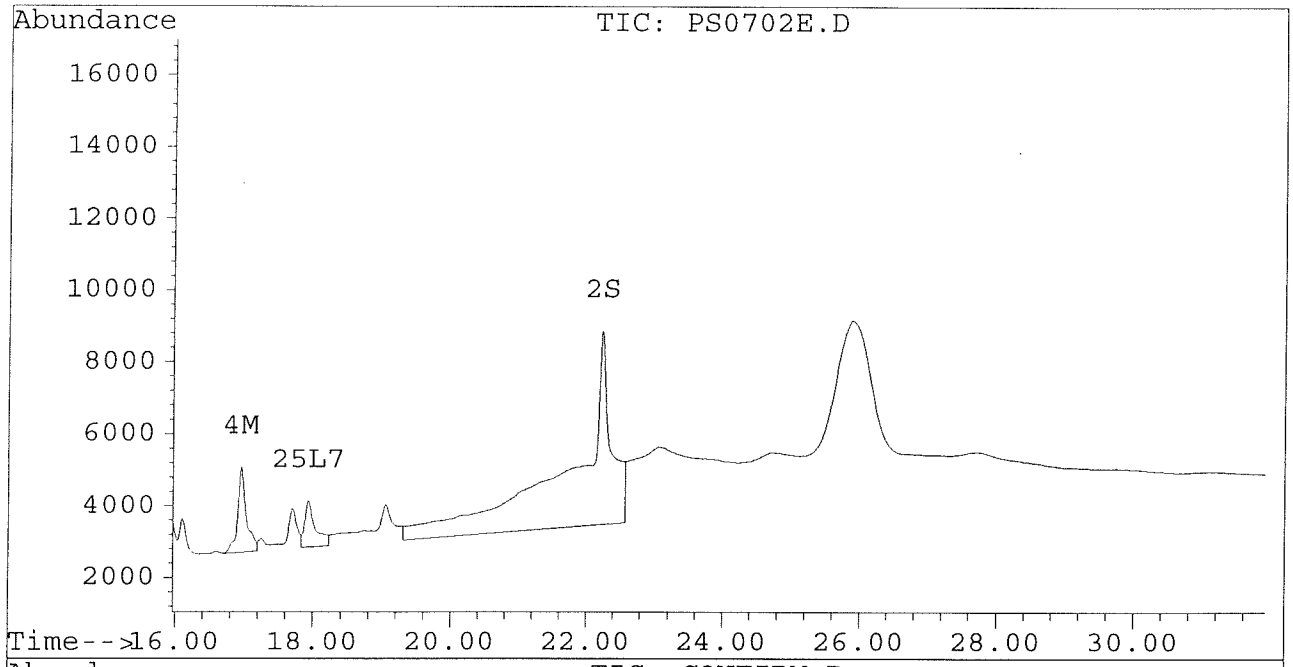


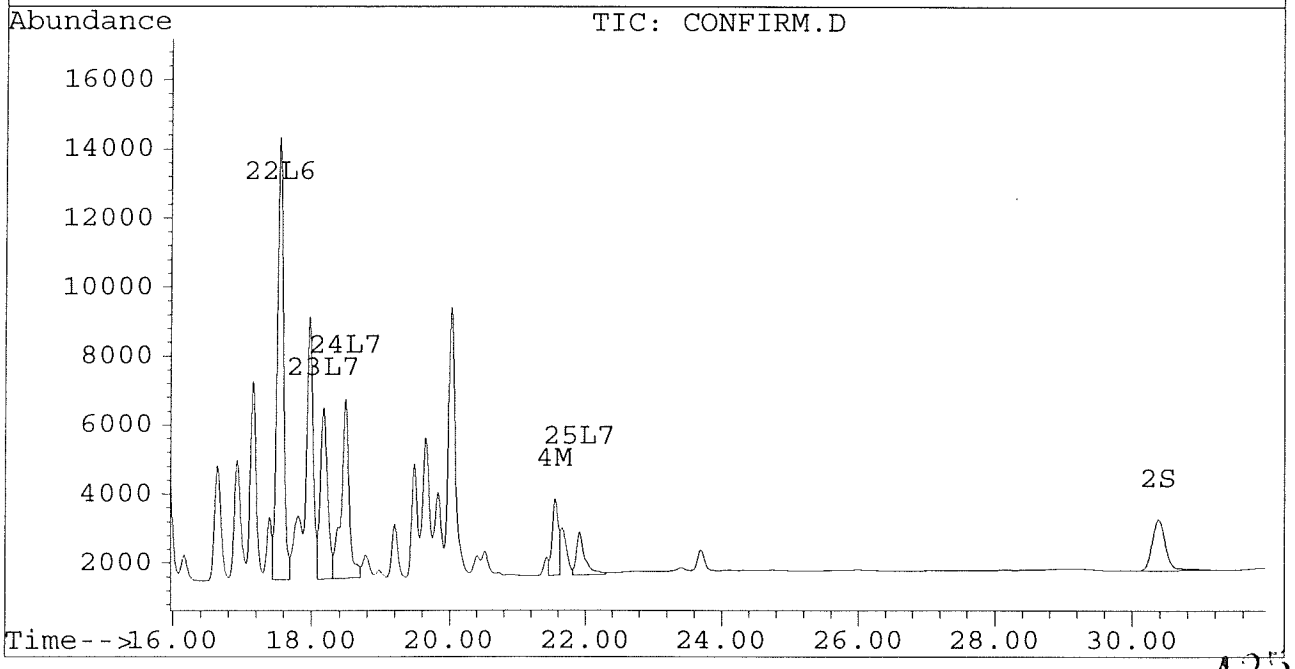
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702E.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL02\PS0702E.D\CONFIRM.D
Acq On : 02 Jul 96 12:37 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 13:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702F.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL02\PS0702F.D\CONFIRM.D
Acq On : 02 Jul 96 01:13 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 9:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	4588	3937	0.020	0.021
				Recovery	=	50.00%	52.50%
2) S	Decachlorobiphenyl	22.23	30.38	3495	2165	0.017m	0.026m#
				Recovery	=	42.50%	65.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.62	12565	9665	0.123	0.095
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5) L1	Aroclor-1016	6.79	8.77	7860	3902	0.257	0.296
6) L1	Aroclor-1016 {2}	8.93	10.29	3659	7080	0.243	0.264
7) L1	Aroclor-1016 {3}	9.32	12.22	6156	4193	0.251	0.252
Total	Aroclor-1016			17674	15176	0.752	0.812
Average	Aroclor-1016					0.251	0.271
8) L2	Aroclor-1221	5.07	8.00	685	659	0.142	0.157
9) L2	Aroclor-1221 {2}	5.50	8.54	964	889	0.237	0.264
10) L2	Aroclor-1221 {3}	5.67	8.77	4535	3902	0.327	0.380
Total	Aroclor-1221			6185	5450	0.706	0.801
Average	Aroclor-1221					0.235	0.267
11) L3	Aroclor-1232	5.67	8.77	4535	3902	0.377	0.430
12) L3	Aroclor-1232 {2}	6.79	10.29	7860	7080	0.901	0.946
13) L3	Aroclor-1232 {3}	8.60	12.22	4686	4193	0.892	0.978
Total	Aroclor-1232			17081	15176	2.171	2.353
Average	Aroclor-1232					0.724	0.784
14) L4	Aroclor-1242	8.21	11.62	12565	9665	0.335	0.331
15) L4	Aroclor-1242 {2}	8.93	12.22	3659	4193	0.330	0.333
16) L4	Aroclor-1242 {3}	10.07	13.98	4932	4180	0.337	0.335
Total	Aroclor-1242			21155	18038	1.002	0.999
Average	Aroclor-1242					0.334	0.333
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702F.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL02\PS0702F.D\CONFIRM.D
Acq On : 02 Jul 96 01:13 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 9:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.44	0	1107	N.D.	0.043 #
21) L6	Aroclor-1254 {2}	13.43	15.69	1013	1147	0.031	0.041 #
22) L6	Aroclor-1254 {3}	15.83	17.54	149	1269	0.006	0.034 #
Total	Aroclor-1254			1162	3522	0.037	0.118
Average	Aroclor-1254					0.019	0.039
23) L7	Aroclor-1260	13.92	18.17	452	110	0.016	0.004 #
24) L7	Aroclor-1260 {2}	14.72	0.00	75	0	0.002	N.D. #
25) L7	Aroclor-1260 {3}	0.00	21.92	0	24	N.D.	0.001 #
Total	Aroclor-1260			527	134	0.018	0.004
Average	Aroclor-1260					0.009	0.002
26) L8	Aroclor-1268	0.00	23.35	0	14	N.D.	NoCal
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

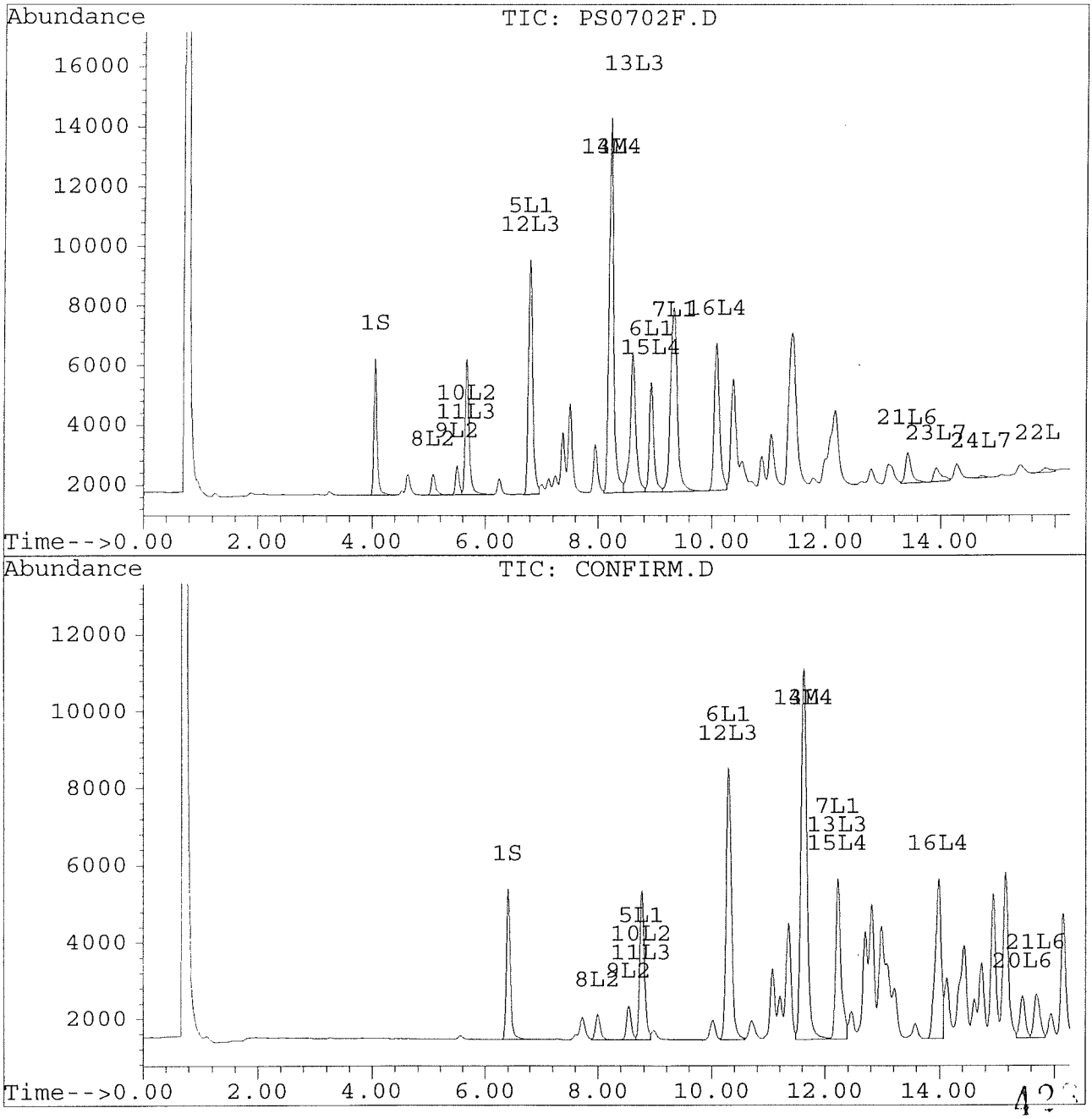
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702F.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL02\PS0702F.D\CONFIRM.D
Acq On : 02 Jul 96 01:13 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 9:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

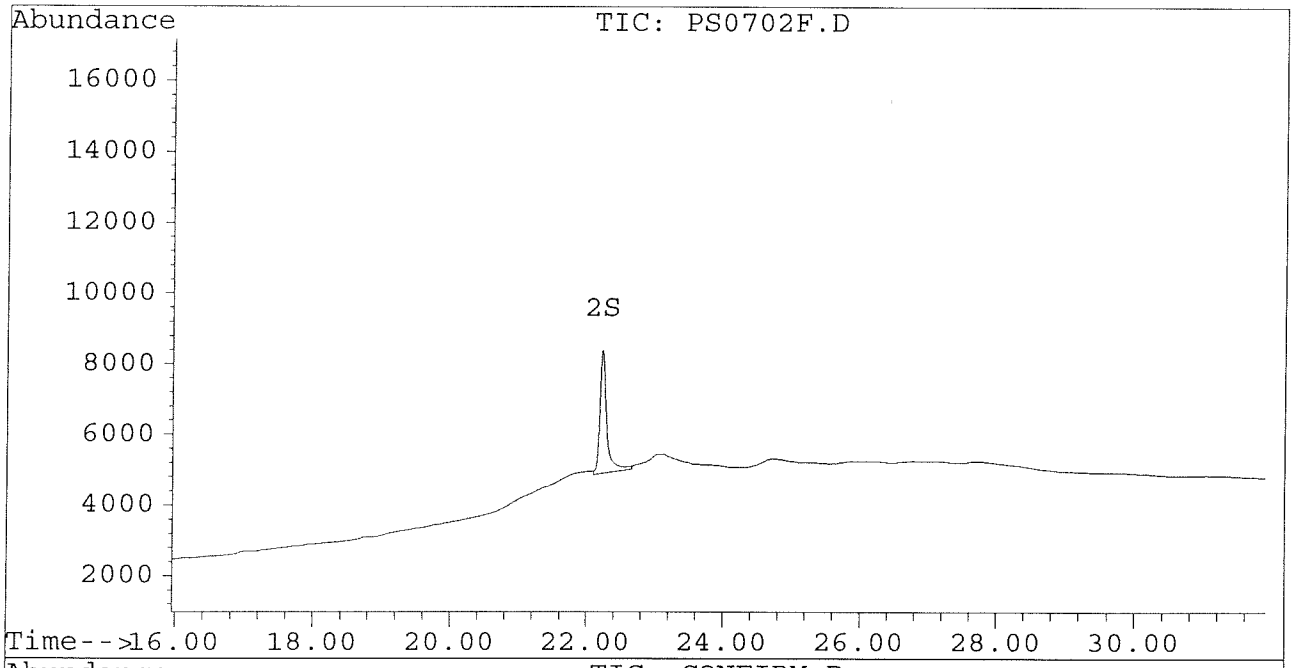


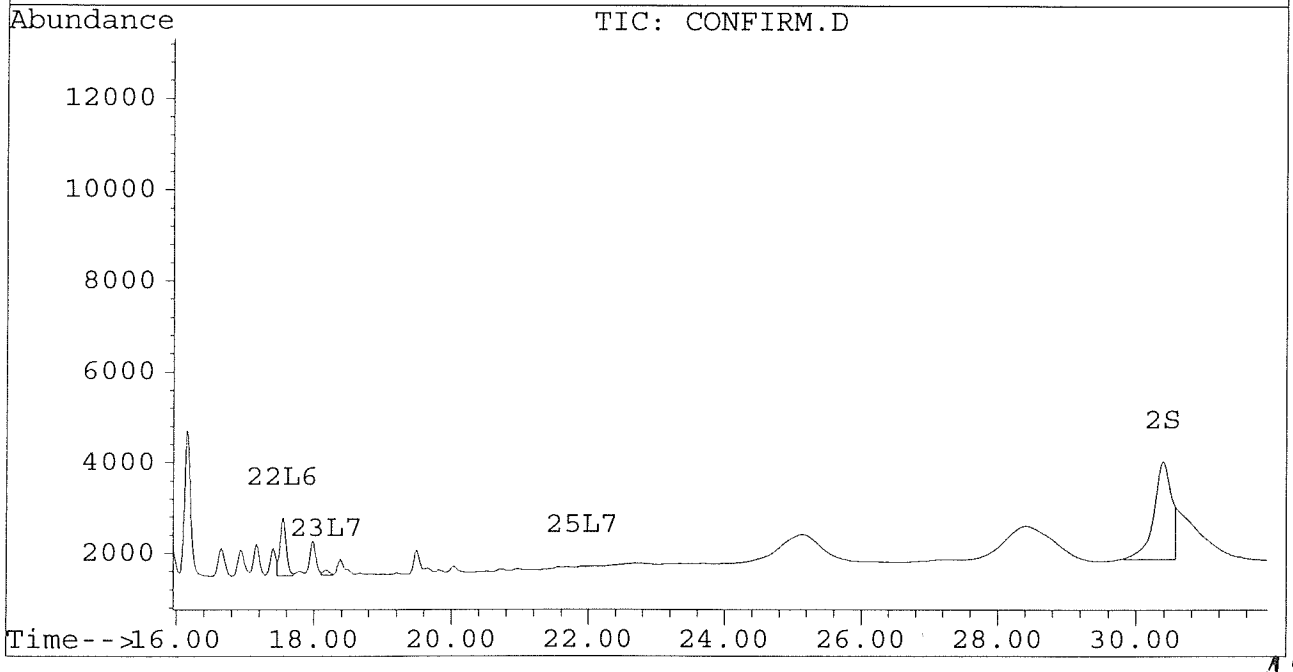
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702F.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL02\PS0702F.D\CONFIRM.D
Acq On : 02 Jul 96 01:13 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 9:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702G.D Vial: 15
Signal #2 : D:\HPCHEM\5\JL02\PS0702G.D\CONFIRM.D
Acq On : 02 Jul 96 09:13 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 21:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.41	4749	3990	0.021	0.021	
				Recovery	=	52.50%	52.50%	
2) S	Decachlorobiphenyl	22.23	30.38	4718	1530	0.023	0.019	
				Recovery	=	57.50%	47.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.62	17459	13108	0.171	0.129	
4) M	2,2',3,3',4,4'-Hexa	16.95	21.58	7580	1822	0.082	0.014	#
5) L1	Aroclor-1016	6.79	8.76	10612	4591	0.347	0.349	
6) L1	Aroclor-1016 (2)	8.93	10.29	5106	9362	0.339	0.349	
7) L1	Aroclor-1016 (3)	9.32	12.22	8450	5667	0.345	0.341	
Total	Aroclor-1016			24168	19620	1.032	1.038	
Average	Aroclor-1016					0.344	0.346	
8) L2	Aroclor-1221	5.08	8.00	762	722	0.157	0.172	
9) L2	Aroclor-1221 (2)	5.50	8.54	1091	992	0.269	0.295	
10) L2	Aroclor-1221 (3)	5.67	8.76	5350	4591	0.386	0.447	
Total	Aroclor-1221			7203	6305	0.812	0.914	
Average	Aroclor-1221					0.271	0.305	
11) L3	Aroclor-1232	5.67	8.76	5350	4591	0.445	0.506	
12) L3	Aroclor-1232 (2)	6.79	10.29	10612	9362	1.217	1.250	
13) L3	Aroclor-1232 (3)	8.60	12.22	6429	5667	1.224	1.322	
Total	Aroclor-1232			22391	19620	2.887	3.078	
Average	Aroclor-1232					0.962	1.026	
14) L4	Aroclor-1242	8.21	11.62	17459	13108	0.465	0.449	
15) L4	Aroclor-1242 (2)	8.93	12.22	5106	5667	0.461	0.450	
16) L4	Aroclor-1242 (3)	10.07	13.98	6384	5174	0.436	0.415	
Total	Aroclor-1242			28949	23948	1.362	1.314	
Average	Aroclor-1242					0.454	0.438	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702G.D Vial: 15
Signal #2 : D:\HPCHEM\5\JL02\PS0702G.D\CONFIRM.D
Acq On : 02 Jul 96 09:13 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 21:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.44	4037	4117	0.151	0.160
21) L6 Aroclor-1254 {2}	13.44	15.68	6191	4167	0.187	0.150
22) L6 Aroclor-1254 {3}	15.82	17.53	9985	6185	0.431	0.165 #
Total Aroclor-1254			20214	14470	0.770	0.476
Average Aroclor-1254					0.257	0.159
23) L7 Aroclor-1260	13.92	18.17	9940	10538	0.347	0.351
24) L7 Aroclor-1260 {2}	14.71	18.49	11031	11401	0.359	0.346
25) L7 Aroclor-1260 {3}	17.93	21.91	14169	16298	0.372	0.349
Total Aroclor-1260			35140	38238	1.079	1.046
Average Aroclor-1260					0.360	0.349
26) L8 Aroclor-1268	18.86	23.35	3187	2990	NoCal	NoCal
27) L8 Aroclor-1268 {2}	19.04	23.54	9188	1840	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.82	28.14f	2121	569	NoCal	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.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702G.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702G.D\CONFIRM.D
Acq On : 02 Jul 96 09:13 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 2 21:47 1996

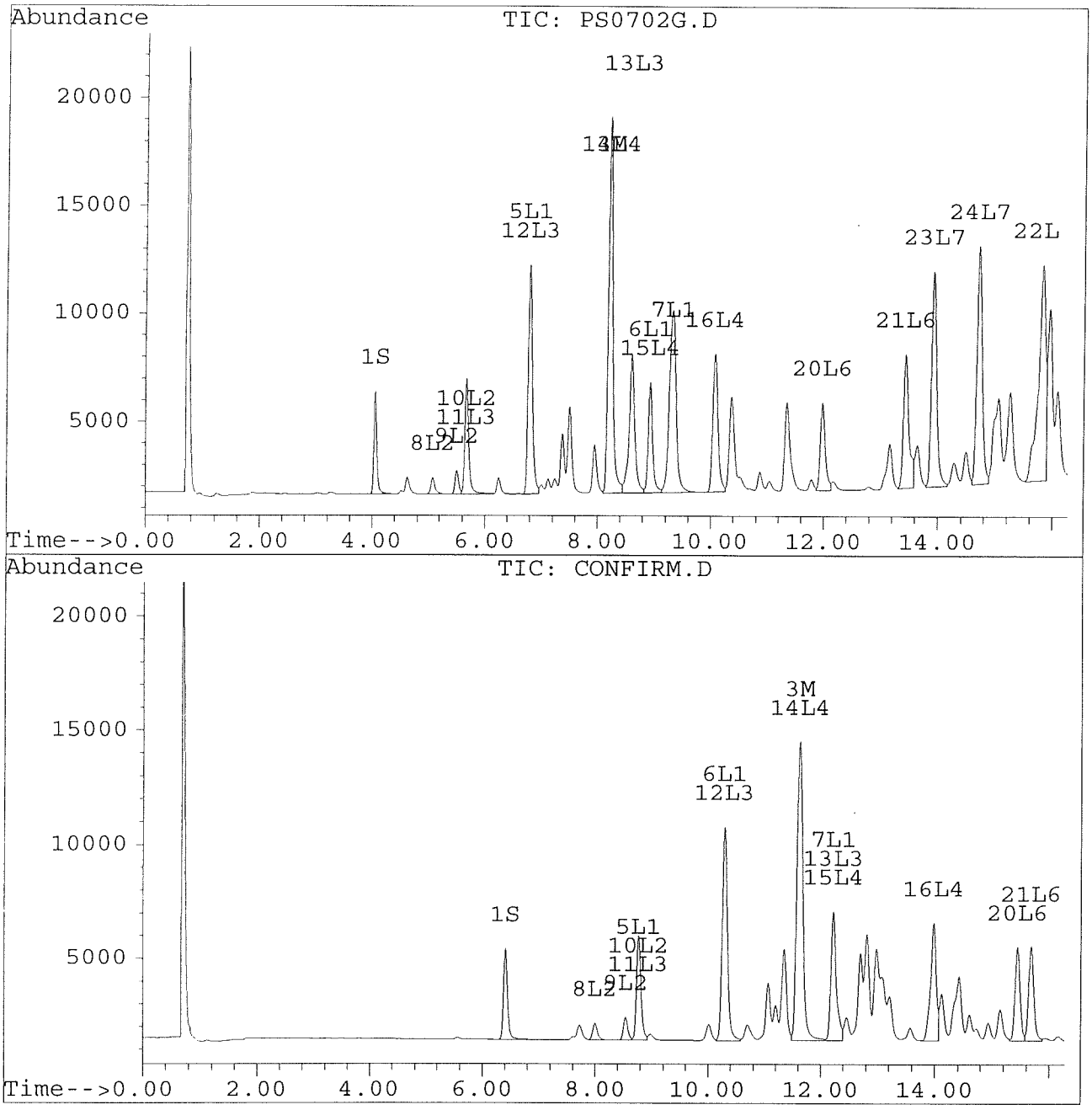
Vial: 15

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702G.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702G.D\CONFIRM.D
Acq On : 02 Jul 96 09:13 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 2 21:47 1996

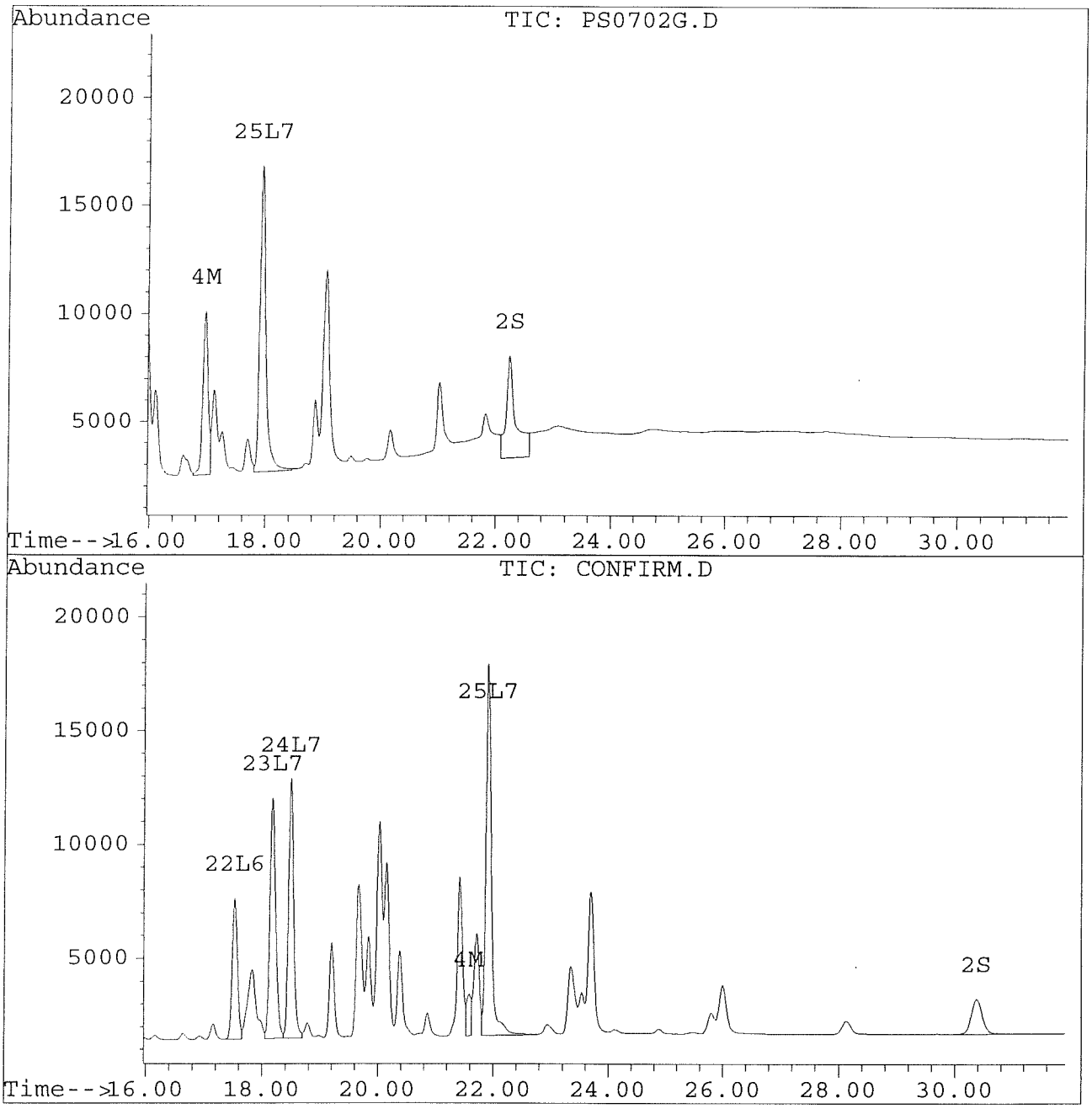
Vial: 15

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702H.D Vial: 16
Signal #2 : D:\HPCHEM\5\JL02\PS0702H.D\CONFIRM.D
Acq On : 02 Jul 96 09:49 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 22:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.41	4734	4006	0.021	0.021	
				Recovery	=	52.50%	52.50%	
2) S	Decachlorobiphenyl	22.23	30.38	4249	1508	0.021	0.018	
				Recovery	=	52.50%	45.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.62	294	253	0.003	0.002	
4) M	2,2',3,3',4,4'-Hexa	16.96	21.56	2246	2225	0.024	0.017	#
5) L1	Aroclor-1016	6.80	8.77	178	68	0.006	0.005	
6) L1	Aroclor-1016 {2}	8.93	10.30	88	170	0.006	0.006	
7) L1	Aroclor-1016 {3}	9.29f	12.22	5576	83	0.228	0.005	#
Total	Aroclor-1016			5842	321	0.239	0.016	
Average	Aroclor-1016					0.080	0.005	
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10) L2	Aroclor-1221 {3}	5.67	8.77	74	68	0.005	0.007	
Total	Aroclor-1221			74	68	0.005	0.007	
Average	Aroclor-1221					0.005	0.007	
11) L3	Aroclor-1232	5.67	8.77	74	68	0.006	0.007	
12) L3	Aroclor-1232 {2}	6.80	10.30	178	170	0.020	0.023	
13) L3	Aroclor-1232 {3}	8.59	12.22	112	83	0.021	0.019	
Total	Aroclor-1232			364	321	0.048	0.050	
Average	Aroclor-1232					0.016	0.017	
14) L4	Aroclor-1242	8.21	11.62	294	253	0.008	0.009	
15) L4	Aroclor-1242 {2}	8.93	12.22	88	83	0.008	0.007	
16) L4	Aroclor-1242 {3}	10.07	13.98	2596	2555	0.177	0.205	
Total	Aroclor-1242			2978	2891	0.193	0.220	
Average	Aroclor-1242					0.064	0.073	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702H.D Vial: 16
Signal #2 : D:\HPCHEM\5\JL02\PS0702H.D\CONFIRM.D
Acq On : 02 Jul 96 09:49 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 22:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	9073	8857	0.339	0.344
21) L6	Aroclor-1254 {2}	13.43	15.68	11547	9402	0.349	0.339
22) L6	Aroclor-1254 {3}	15.83	17.54	8070	12932	0.349	0.346
Total	Aroclor-1254			28690	31191	1.037	1.029
Average	Aroclor-1254					0.346	0.343
23) L7	Aroclor-1260	13.92	18.17	5550	4985	0.194	0.166
24) L7	Aroclor-1260 {2}	14.71	18.49	4807	5170	0.157	0.157
25) L7	Aroclor-1260 {3}	17.93	21.91	1031	1197	0.027	0.026
Total	Aroclor-1260			11388	11352	0.378	0.349
Average	Aroclor-1260					0.126	0.116
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.06f	0.00	673	0	NoCal	N.D.
28) 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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702H.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702H.D\CONFIRM.D
Acq On : 02 Jul 96 09:49 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 2 22:23 1996

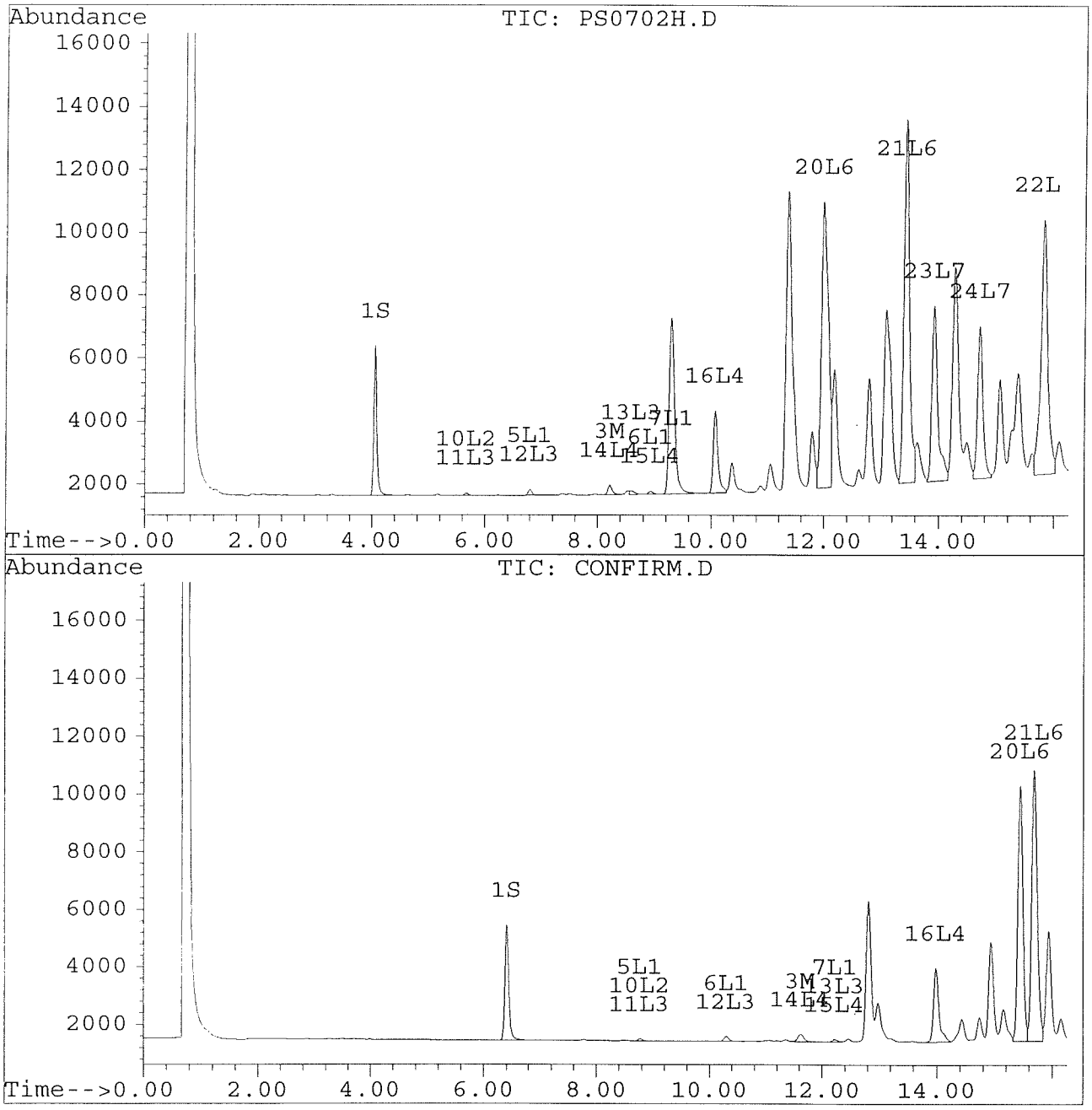
Vial: 16

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



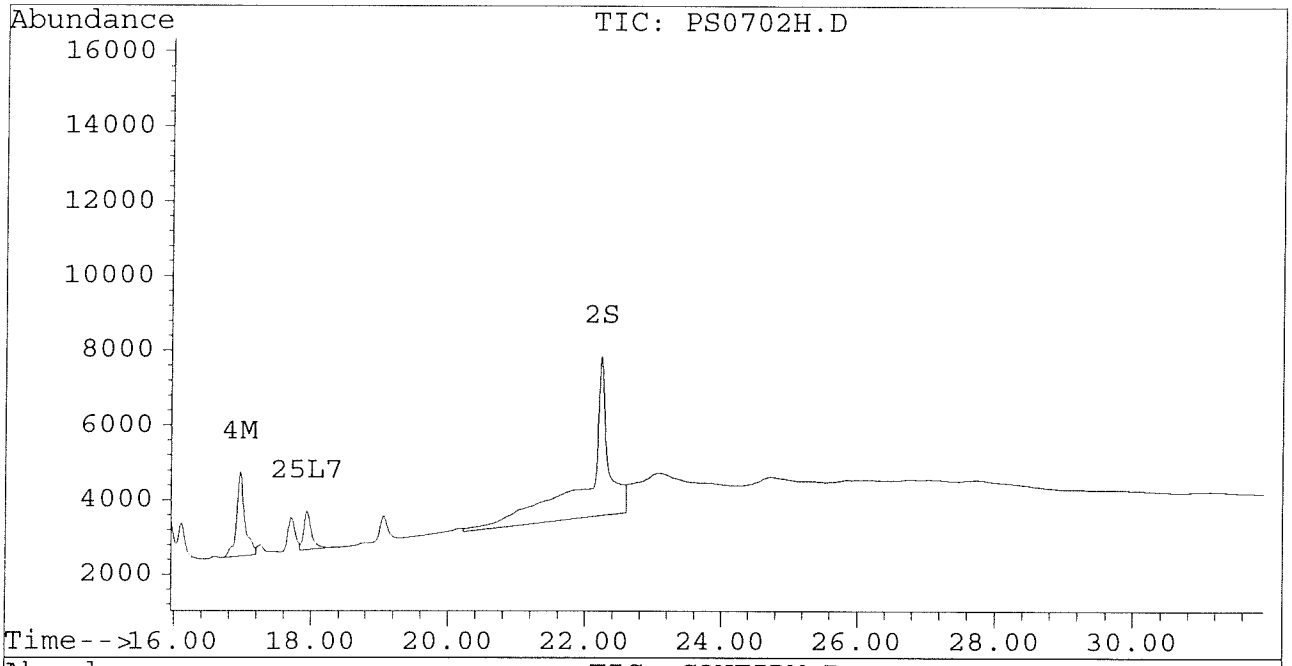
Quantitation Report

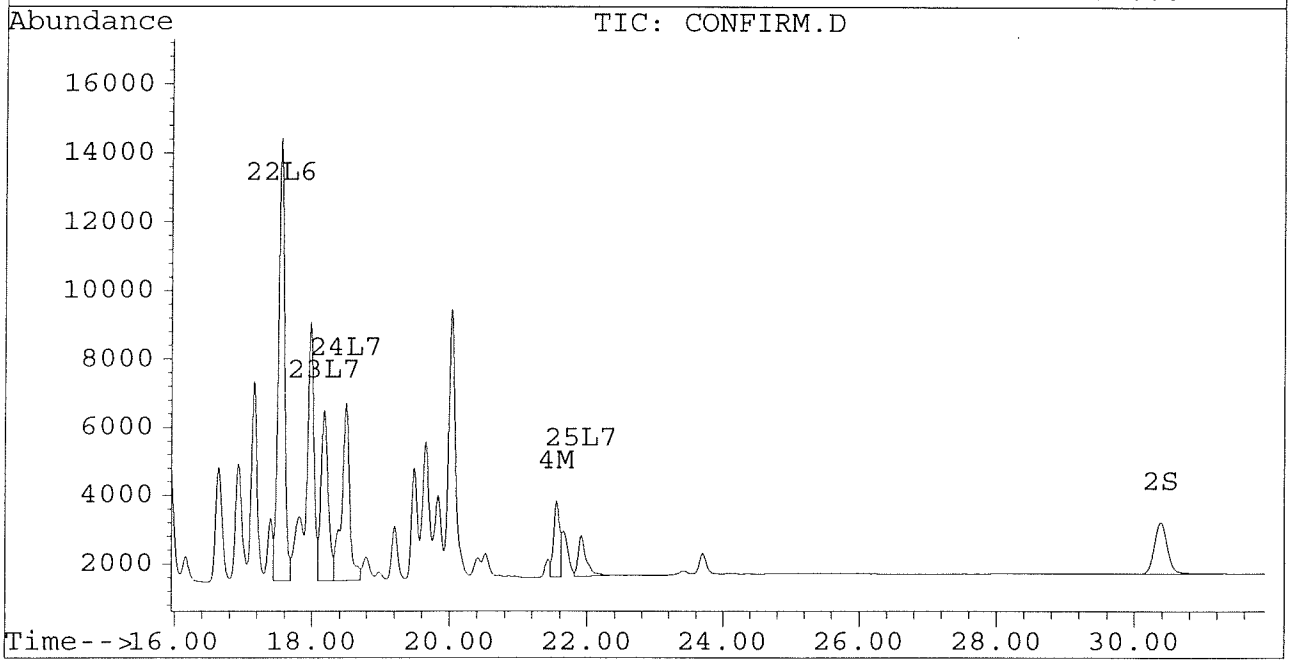
Signal #1 : D:\HPCHEM\5\JL02\PS0702H.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702H.D\CONFIRM.D
Acq On : 02 Jul 96 09:49 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 2 22:23 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702I.D Vial: 17
Signal #2 : D:\HPCHEM\5\JL02\PS0702I.D\CONFIRM.D
Acq On : 02 Jul 96 10:25 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 22:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	4724	3995	0.021	0.021
				Recovery	=	52.50%	52.50%
2) S	Decachlorobiphenyl	22.23	30.38	4683	1581	0.023	0.019
				Recovery	=	57.50%	47.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	13093	9954	0.129	0.098
4) M	2,2',3,3',4,4'-Hexa	0.00	21.56	0	40	N.D.	0.000 #
5) L1	Aroclor-1016	6.79	8.77	8025	3997	0.263	0.304
6) L1	Aroclor-1016 {2}	8.93	10.29	3763	7182	0.250	0.268
7) L1	Aroclor-1016 {3}	9.32	12.22	6283	4293	0.257	0.258
Total	Aroclor-1016			18071	15472	0.769	0.829
Average	Aroclor-1016					0.256	0.276
8) L2	Aroclor-1221	5.08	8.00	702	669	0.145	0.160
9) L2	Aroclor-1221 {2}	5.50	8.54	990	899	0.244	0.267
10) L2	Aroclor-1221 {3}	5.67	8.77	4645	3997	0.335	0.389
Total	Aroclor-1221			6337	5565	0.724	0.816
Average	Aroclor-1221					0.241	0.272
11) L3	Aroclor-1232	5.67	8.77	4645	3997	0.387	0.440
12) L3	Aroclor-1232 {2}	6.79	10.29	8025	7182	0.920	0.959
13) L3	Aroclor-1232 {3}	8.60	12.22	4825	4293	0.919	1.001
Total	Aroclor-1232			17495	15472	2.226	2.401
Average	Aroclor-1232					0.742	0.800
14) L4	Aroclor-1242	8.21	11.63	13093	9954	0.349	0.341
15) L4	Aroclor-1242 {2}	8.93	12.22	3763	4293	0.340	0.341
16) L4	Aroclor-1242 {3}	10.07	13.98	5119	4305	0.350	0.345
Total	Aroclor-1242			21975	18551	1.038	1.027
Average	Aroclor-1242					0.346	0.342
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702I.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702I.D\CONFIRM.D
Acq On : 02 Jul 96 10:25 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 2 22:58 1996

Vial: 17

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.44	0	1143	N.D.	0.044 #
21) L6	Aroclor-1254 {2}	13.43	15.69	1058	1181	0.032	0.043 #
22) L6	Aroclor-1254 {3}	15.84	17.55	141	1333	0.006	0.036 #
Total	Aroclor-1254			1199	3657	0.038	0.123
Average	Aroclor-1254					0.019	0.041
23) L7	Aroclor-1260	13.93	18.18	468	119	0.016	0.004 #
24) L7	Aroclor-1260 {2}	14.72	0.00	83	0	0.003	N.D. #
25) L7	Aroclor-1260 {3}	0.00	21.92	0	22	N.D.	0.000 #
Total	Aroclor-1260			552	141	0.019	0.004
Average	Aroclor-1260					0.010	0.002
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

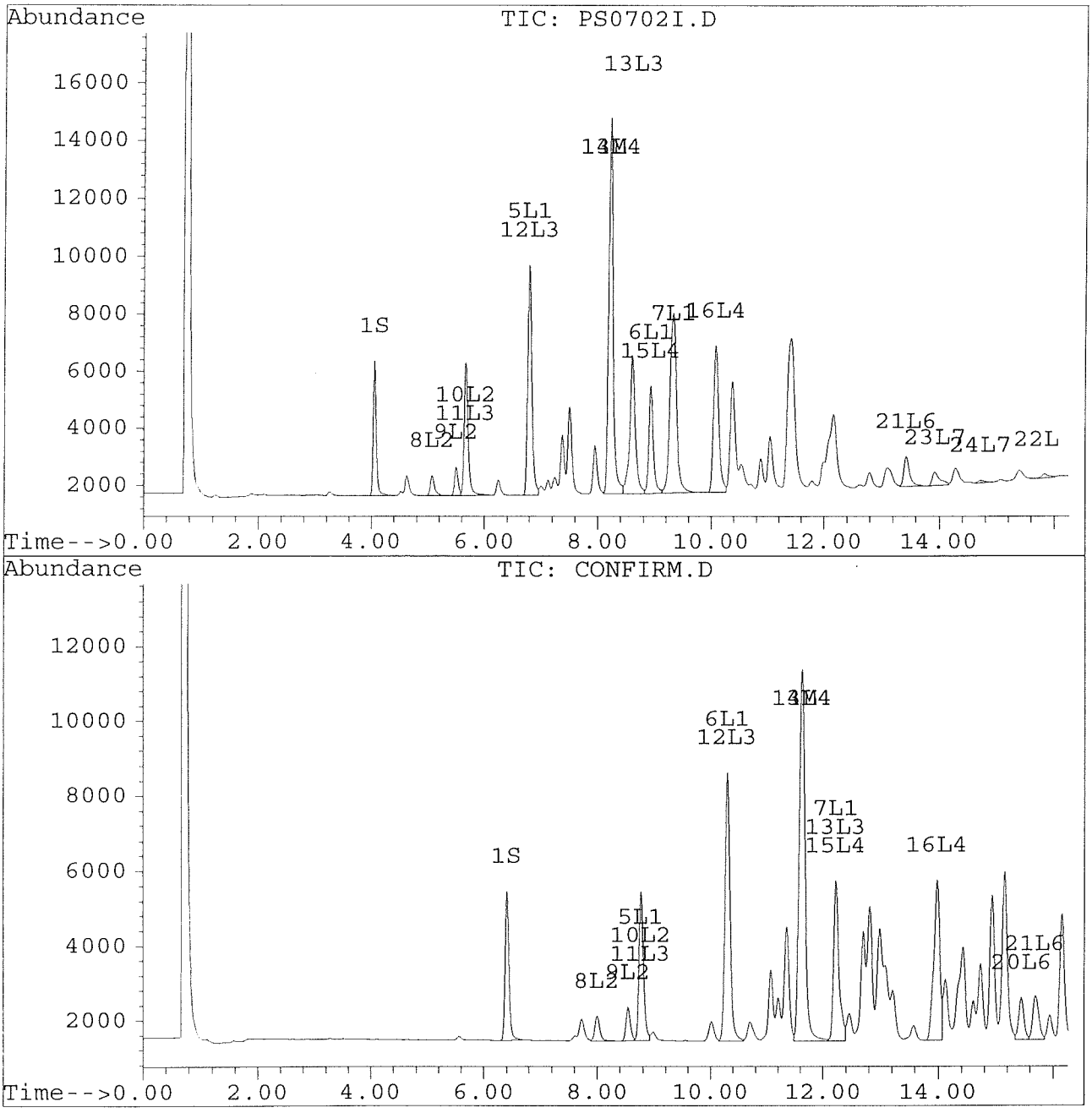
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702I.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702I.D\CONFIRM.D
Acq On : 02 Jul 96 10:25 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 2 22:58 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
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\JL02\PS0702I.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702I.D\CONFIRM.D
Acq On : 02 Jul 96 10:25 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 2 22:58 1996

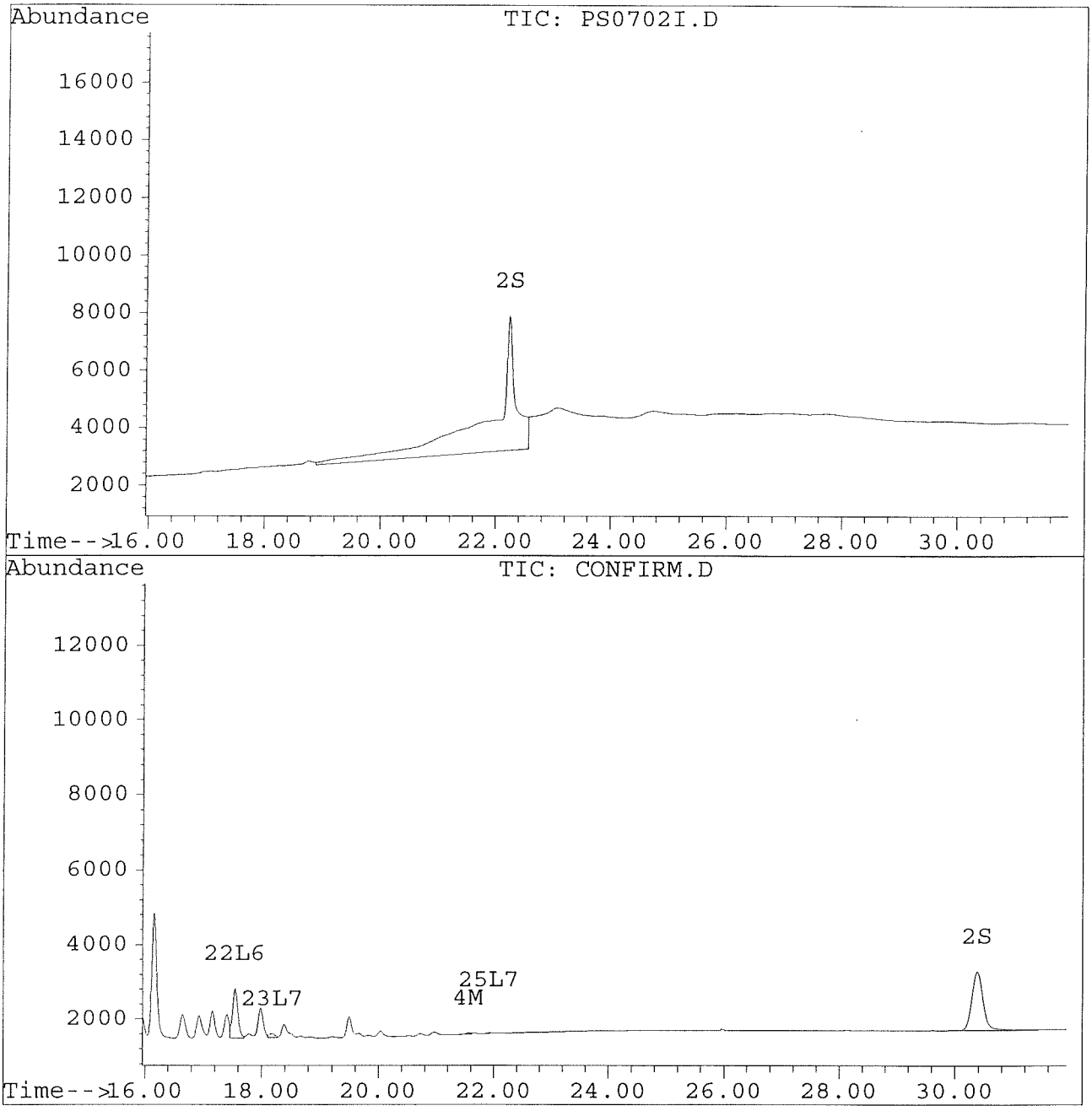
Vial: 17

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702J.D Vial: 28
Signal #2 : D:\HPCHEM\5\JL02\PS0702J.D\CONFIRM.D
Acq On : 03 Jul 96 04:56 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 5:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	4713	3952	0.021	0.021
				Recovery	=	52.50%	52.50%
2) S	Decachlorobiphenyl	22.23	30.38	4544	1664	0.022	0.020
				Recovery	=	55.00%	50.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.62	17624	13513	0.173	0.133
4) M	2,2',3,3',4,4'-Hexa	16.95	21.58	7696	1949	0.083	0.015 #
5) L1	Aroclor-1016	6.79	8.77	10565	4568	0.346	0.347
6) L1	Aroclor-1016 {2}	8.93	10.29	5182	9377	0.344	0.349
7) L1	Aroclor-1016 {3}	9.32	12.22	8538	5783	0.349	0.348
Total	Aroclor-1016			24285	19727	1.039	1.044
Average	Aroclor-1016					0.346	0.348
8) L2	Aroclor-1221	5.07	8.00	756	722	0.156	0.172
9) L2	Aroclor-1221 {2}	5.50	8.54	1083	984	0.267	0.293
10) L2	Aroclor-1221 {3}	5.67	8.77	5310	4568	0.383	0.445
Total	Aroclor-1221			7149	6274	0.806	0.910
Average	Aroclor-1221					0.269	0.303
11) L3	Aroclor-1232	5.67	8.77	5310	4568	0.442	0.503
12) L3	Aroclor-1232 {2}	6.79	10.29	10565	9377	1.212	1.252
13) L3	Aroclor-1232 {3}	8.60	12.22	6517	5783	1.241	1.349
Total	Aroclor-1232			22392	19727	2.895	3.104
Average	Aroclor-1232					0.965	1.035
14) L4	Aroclor-1242	8.21	11.62	17624	13513	0.469	0.463
15) L4	Aroclor-1242 {2}	8.93	12.22	5182	5783	0.468	0.460
16) L4	Aroclor-1242 {3}	10.07	13.98	6486	5159	0.443	0.413
Total	Aroclor-1242			29291	24455	1.380	1.336
Average	Aroclor-1242					0.460	0.445
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702J.D Vial: 28
Signal #2 : D:\HPCHEM\5\JL02\PS0702J.D\CONFIRM.D
Acq On : 03 Jul 96 04:56 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 5:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	4096	4159	0.153	0.161
21) L6	Aroclor-1254 {2}	13.44	15.68	6245	4264	0.189	0.154
22) L6	Aroclor-1254 {3}	15.82	17.53	10298	6333	0.445	0.169 #
Total	Aroclor-1254			20639	14756	0.787	0.485
Average	Aroclor-1254					0.262	0.162
23) L7	Aroclor-1260	13.92	18.17	10183	10898	0.356	0.363
24) L7	Aroclor-1260 {2}	14.71	18.49	11206	11803	0.365	0.358
25) L7	Aroclor-1260 {3}	17.93	21.91	14444	17100	0.379	0.366
Total	Aroclor-1260			35833	39801	1.100	1.088
Average	Aroclor-1260					0.367	0.363
26) L8	Aroclor-1268	18.86	23.35	3147	3146	NoCal	NoCal
27) L8	Aroclor-1268 {2}	19.04	23.54	9317	1980	NoCal	NoCal
28) L8	Aroclor-1268 {3}	21.82	28.13f	1831	610	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

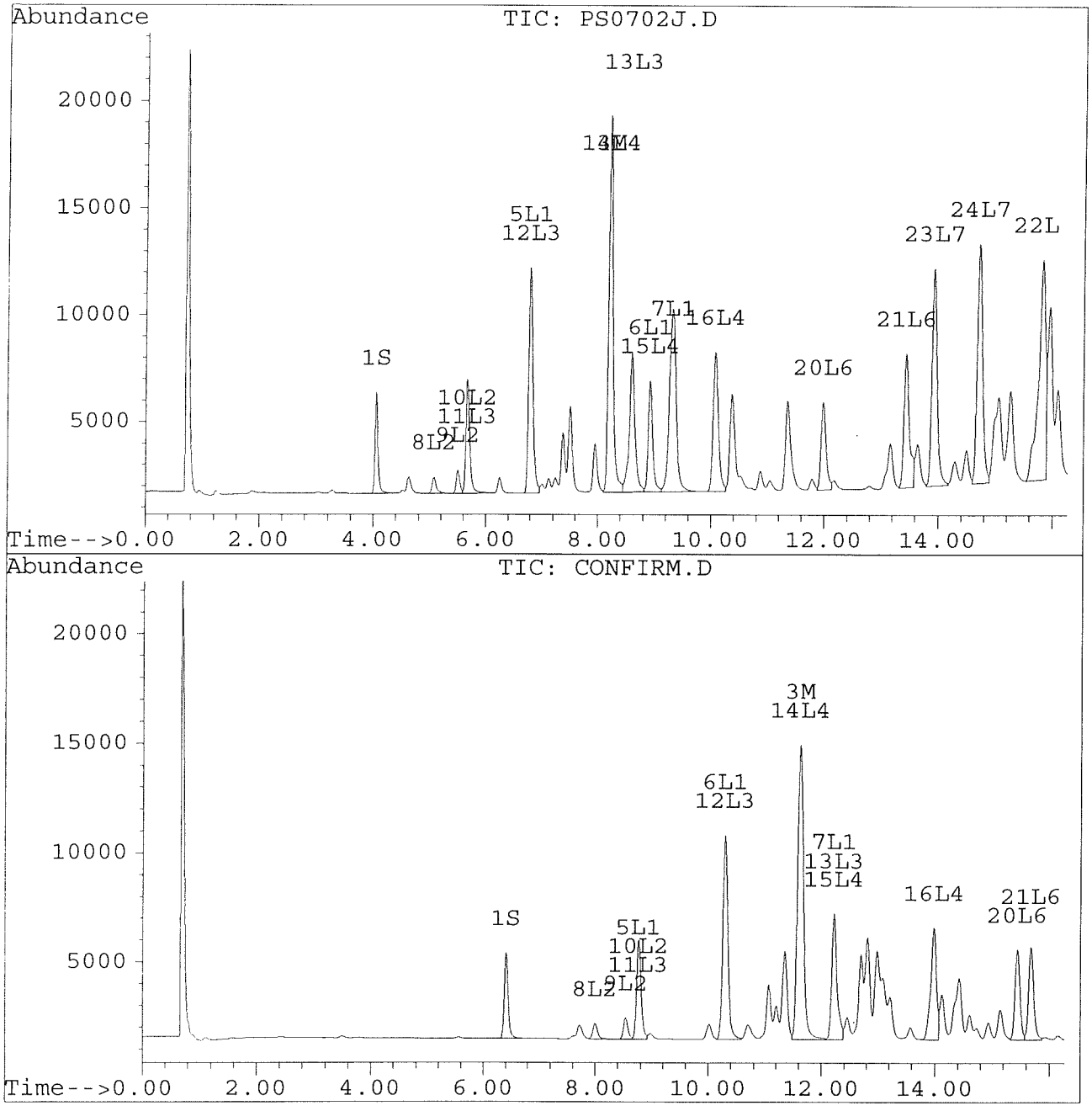
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702J.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702J.D\CONFIRM.D
Acq On : 03 Jul 96 04:56 AM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 3 5:29 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
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\JL02\PS0702J.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702J.D\CONFIRM.D
Acq On : 03 Jul 96 04:56 AM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 3 5:29 1996

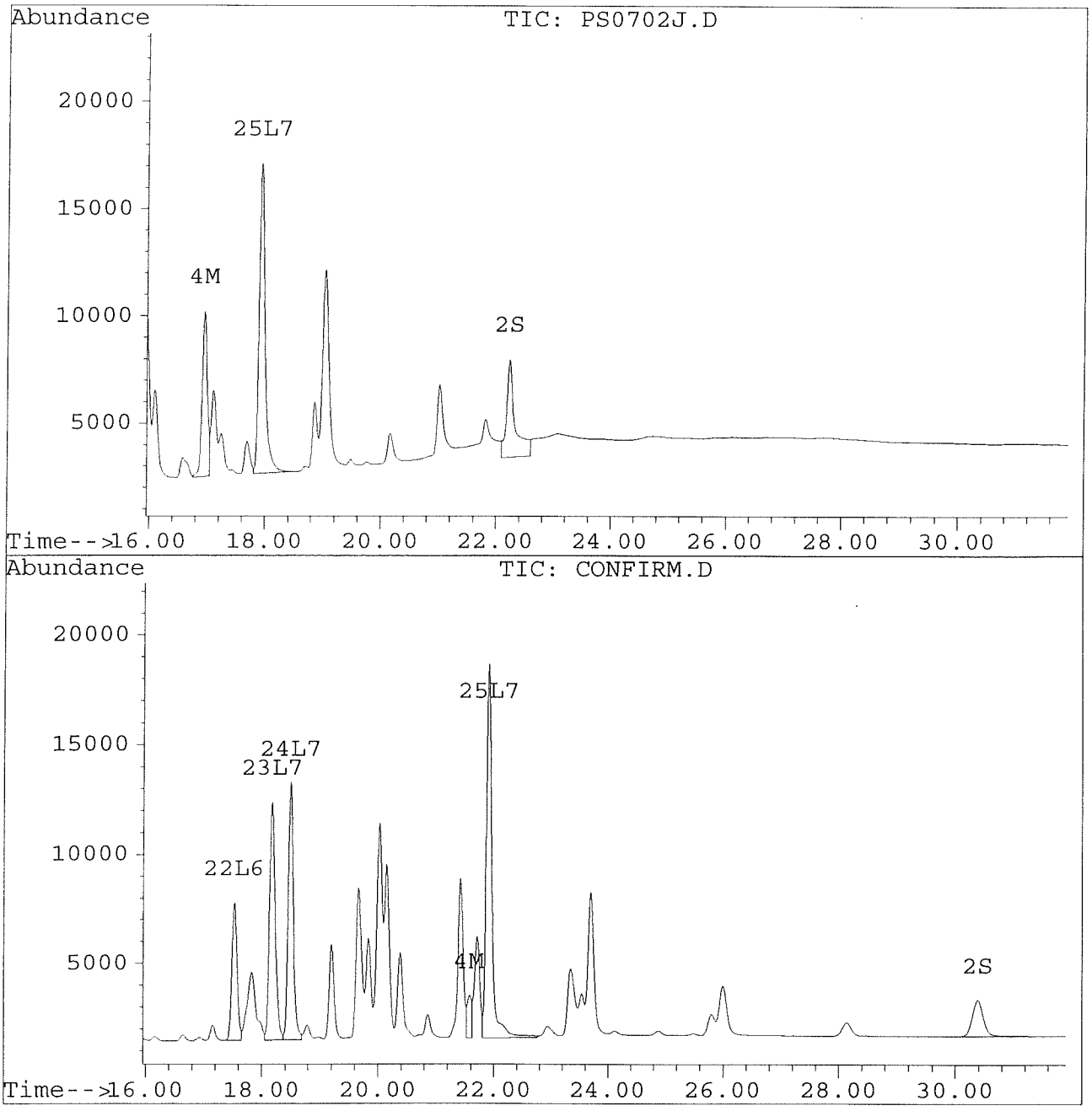
Vial: 28

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702K.D Vial: 29
Signal #2 : D:\HPCHEM\5\JL02\PS0702K.D\CONFIRM.D
Acq On : 03 Jul 96 05:31 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 6:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.41	4723	4009	0.021	0.021	
				Recovery	=	52.50%	52.50%	
2) S	Decachlorobiphenyl	22.23	30.38	4697	1587	0.023	0.019	
				Recovery	=	57.50%	47.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.62	301	253	0.003	0.002	
4) M	2,2',3,3',4,4'-Hexa	16.96	21.55	2273	2310	0.025	0.017	#
5) L1	Aroclor-1016	6.80	8.77	180	67	0.006	0.005	
6) L1	Aroclor-1016 {2}	8.93	10.30	89	169	0.006	0.006	
7) L1	Aroclor-1016 {3}	9.29f	12.22	5610	82	0.229	0.005	#
Total	Aroclor-1016			5879	317	0.241	0.016	
Average	Aroclor-1016					0.080	0.005	
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10) L2	Aroclor-1221 {3}	5.67	8.77	74	67	0.005	0.006	
Total	Aroclor-1221			74	67	0.005	0.006	
Average	Aroclor-1221					0.005	0.006	
11) L3	Aroclor-1232	5.67	8.77	74	67	0.006	0.007	
12) L3	Aroclor-1232 {2}	6.80	10.30	180	169	0.021	0.023	
13) L3	Aroclor-1232 {3}	8.59	12.22	114	82	0.022	0.019	
Total	Aroclor-1232			369	317	0.049	0.049	
Average	Aroclor-1232					0.016	0.016	
14) L4	Aroclor-1242	8.21	11.62	301	253	0.008	0.009	
15) L4	Aroclor-1242 {2}	8.93	12.22	89	82	0.008	0.006	
16) L4	Aroclor-1242 {3}	10.07	13.98	2605	2566	0.178	0.206	
Total	Aroclor-1242			2995	2900	0.194	0.221	
Average	Aroclor-1242					0.065	0.074	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702K.D Vial: 29
Signal #2 : D:\HPCHEM\5\JL02\PS0702K.D\CONFIRM.D
Acq On : 03 Jul 96 05:31 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 6:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.44	9234	9015	0.345	0.350
21) L6 Aroclor-1254 {2}	13.43	15.68	11781	9607	0.356	0.346
22) L6 Aroclor-1254 {3}	15.83	17.54	8223	13161	0.355	0.352
Total Aroclor-1254			29237	31783	1.057	1.048
Average Aroclor-1254					0.352	0.349
23) L7 Aroclor-1260	13.92	18.17	5599	4998	0.196	0.167
24) L7 Aroclor-1260 {2}	14.71	18.49	4842	5244	0.158	0.159
25) L7 Aroclor-1260 {3}	17.93	21.91	1112	1239	0.029	0.027
Total Aroclor-1260			11554	11481	0.383	0.352
Average Aroclor-1260					0.128	0.117
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.06f	0.00	850	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.13	0	25	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.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702K.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702K.D\CONFIRM.D
Acq On : 03 Jul 96 05:31 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 3 6:05 1996

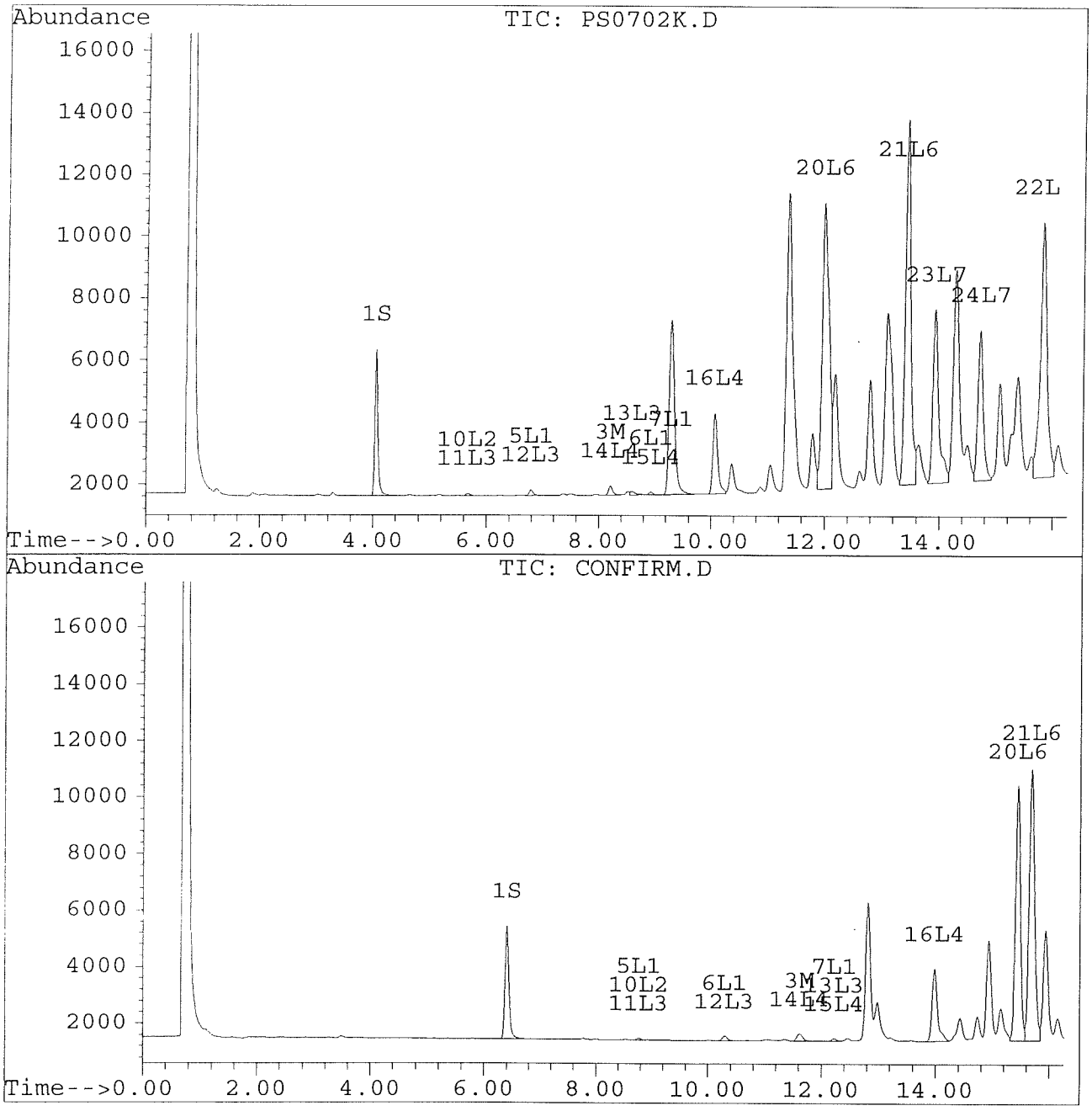
Vial: 29

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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

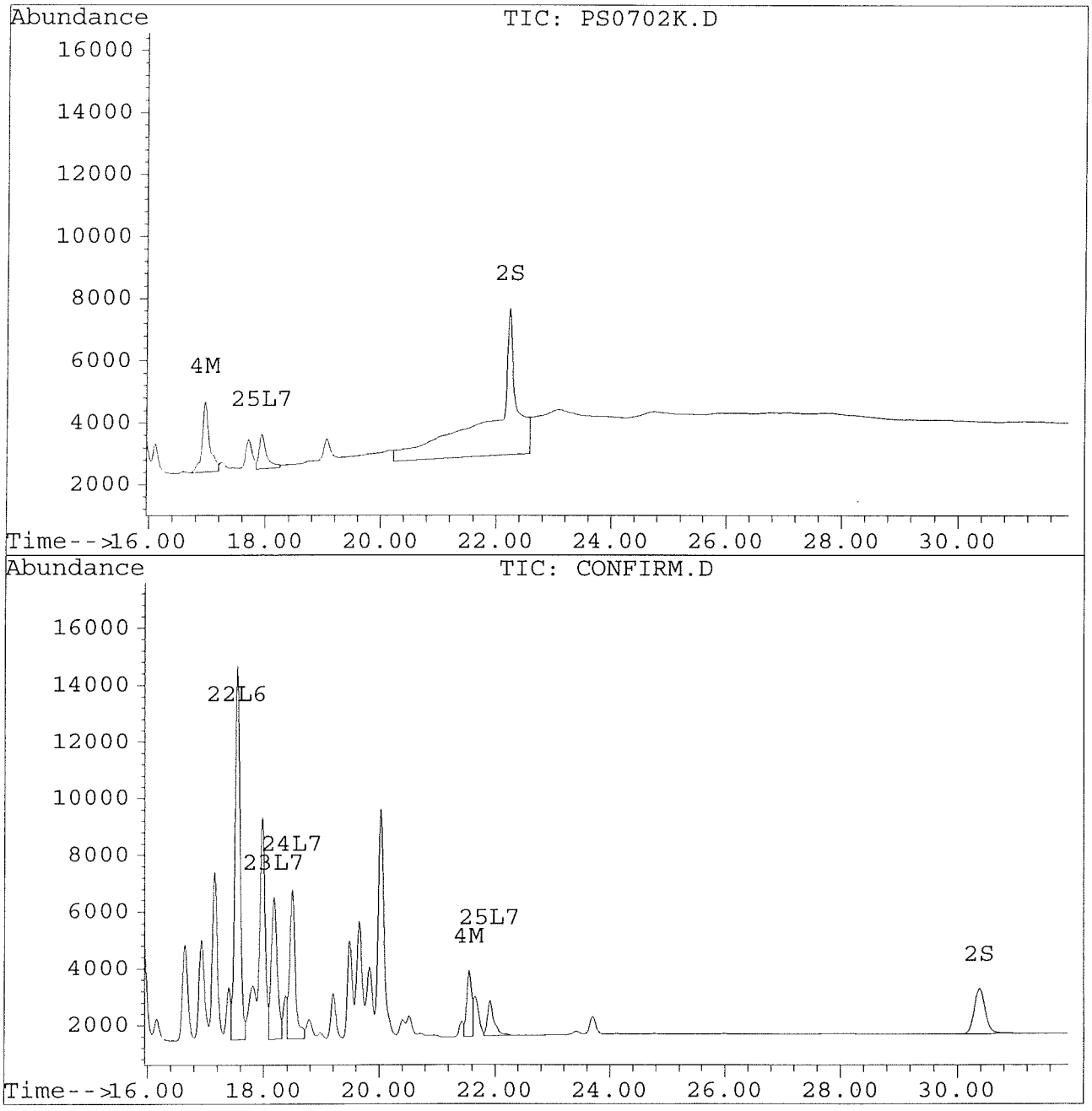


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702K.D Vial: 29
Signal #2 : D:\HPCHEM\5\JL02\PS0702K.D\CONFIRM.D
Acq On : 03 Jul 96 05:31 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 6:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702L.D Vial: 30
Signal #2 : D:\HPCHEM\5\JL02\PS0702L.D\CONFIRM.D
Acq On : 03 Jul 96 06:06 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 6:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	4591	3853	0.020	0.021
				Recovery	=	50.00%	52.50%
2) S	Decachlorobiphenyl	22.23	30.38	4289	1512	0.021	0.019
				Recovery	=	52.50%	47.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	12591	9679	0.124	0.096
4) M	2,2',3,3',4,4'-Hexa	0.00	21.56	0	40	N.D.	0.000 #
5) L1	Aroclor-1016	6.79	8.77	7782	3889	0.255	0.295
6) L1	Aroclor-1016 {2}	8.93	10.29	3644	6987	0.242	0.260
7) L1	Aroclor-1016 {3}	9.32	12.22	6093	4210	0.249	0.253
Total	Aroclor-1016			17519	15087	0.746	0.809
Average	Aroclor-1016					0.249	0.270
8) L2	Aroclor-1221	5.07	8.00	684	655	0.141	0.156
9) L2	Aroclor-1221 {2}	5.50	8.54	960	878	0.236	0.261
10) L2	Aroclor-1221 {3}	5.67	8.77	4525	3889	0.326	0.379
Total	Aroclor-1221			6168	5422	0.704	0.796
Average	Aroclor-1221					0.235	0.265
11) L3	Aroclor-1232	5.67	8.77	4525	3889	0.377	0.428
12) L3	Aroclor-1232 {2}	6.79	10.29	7782	6987	0.893	0.933
13) L3	Aroclor-1232 {3}	8.60	12.22	4641	4210	0.884	0.982
Total	Aroclor-1232			16948	15087	2.153	2.344
Average	Aroclor-1232					0.718	0.781
14) L4	Aroclor-1242	8.21	11.63	12591	9679	0.335	0.332
15) L4	Aroclor-1242 {2}	8.93	12.22	3644	4210	0.329	0.335
16) L4	Aroclor-1242 {3}	10.07	13.98	4930	4221	0.337	0.338
Total	Aroclor-1242			21164	18110	1.001	1.004
Average	Aroclor-1242					0.334	0.335
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702L.D Vial: 30
Signal #2 : D:\HPCHEM\5\JL02\PS0702L.D\CONFIRM.D
Acq On : 03 Jul 96 06:06 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 6:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.44	0	1100	N.D.	0.043 #
21) L6	Aroclor-1254 {2}	13.43	15.69	988	1153	0.030	0.042 #
22) L6	Aroclor-1254 {3}	15.84	17.54	126	1285	0.005	0.034 #
Total	Aroclor-1254			1114	3539	0.035	0.119
Average	Aroclor-1254					0.018	0.040
23) L7	Aroclor-1260	13.92	18.18	445	113	0.016	0.004 #
24) L7	Aroclor-1260 {2}	14.71	0.00	82	0	0.003	N.D. #
25) L7	Aroclor-1260 {3}	0.00	21.92	0	22	N.D.	0.000 #
Total	Aroclor-1260			527	135	0.018	0.004
Average	Aroclor-1260					0.009	0.002
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

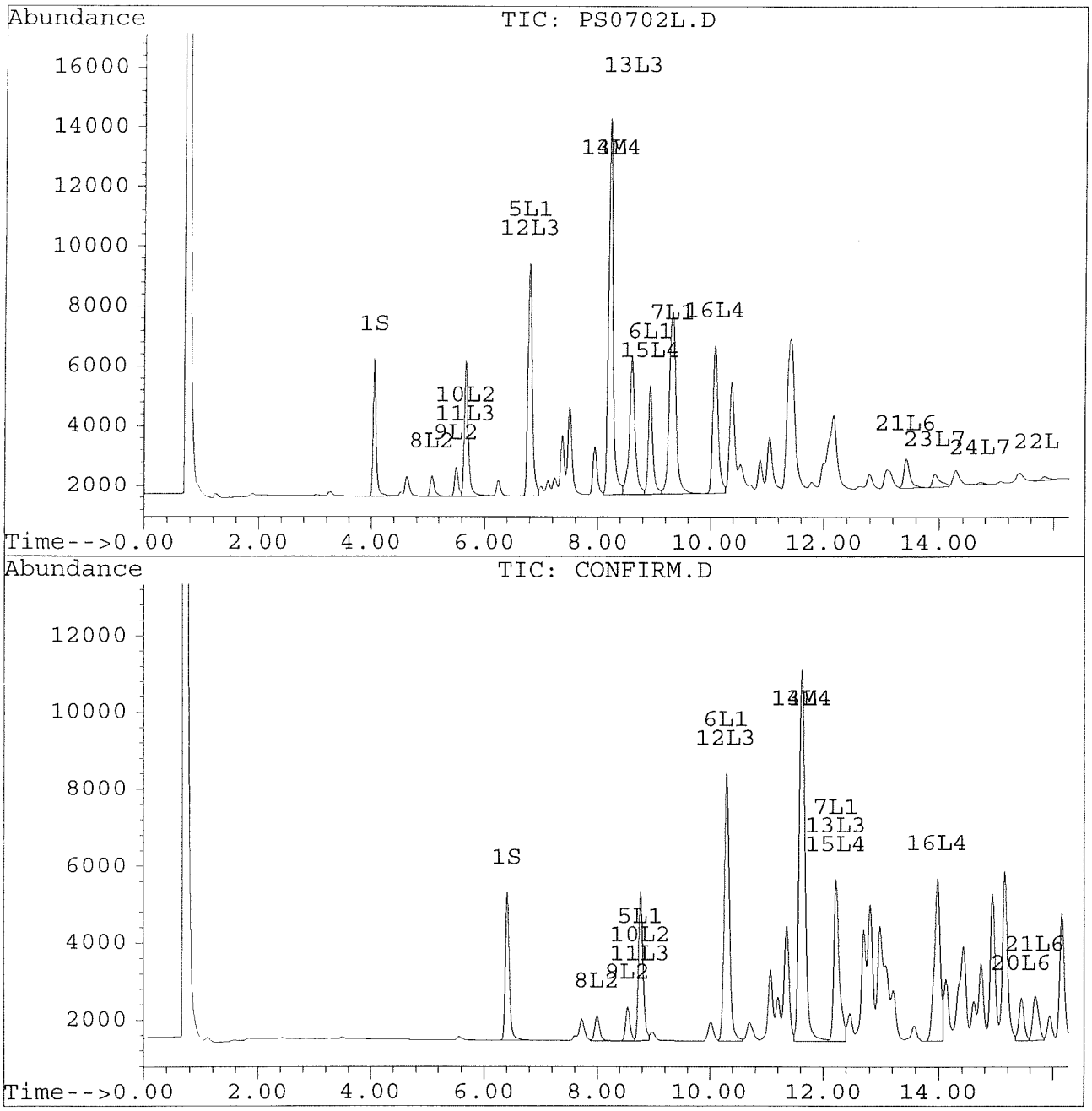
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702L.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702L.D\CONFIRM.D
Acq On : 03 Jul 96 06:06 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 3 6:40 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702L.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702L.D\CONFIRM.D
Acq On : 03 Jul 96 06:06 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 3 6:40 1996

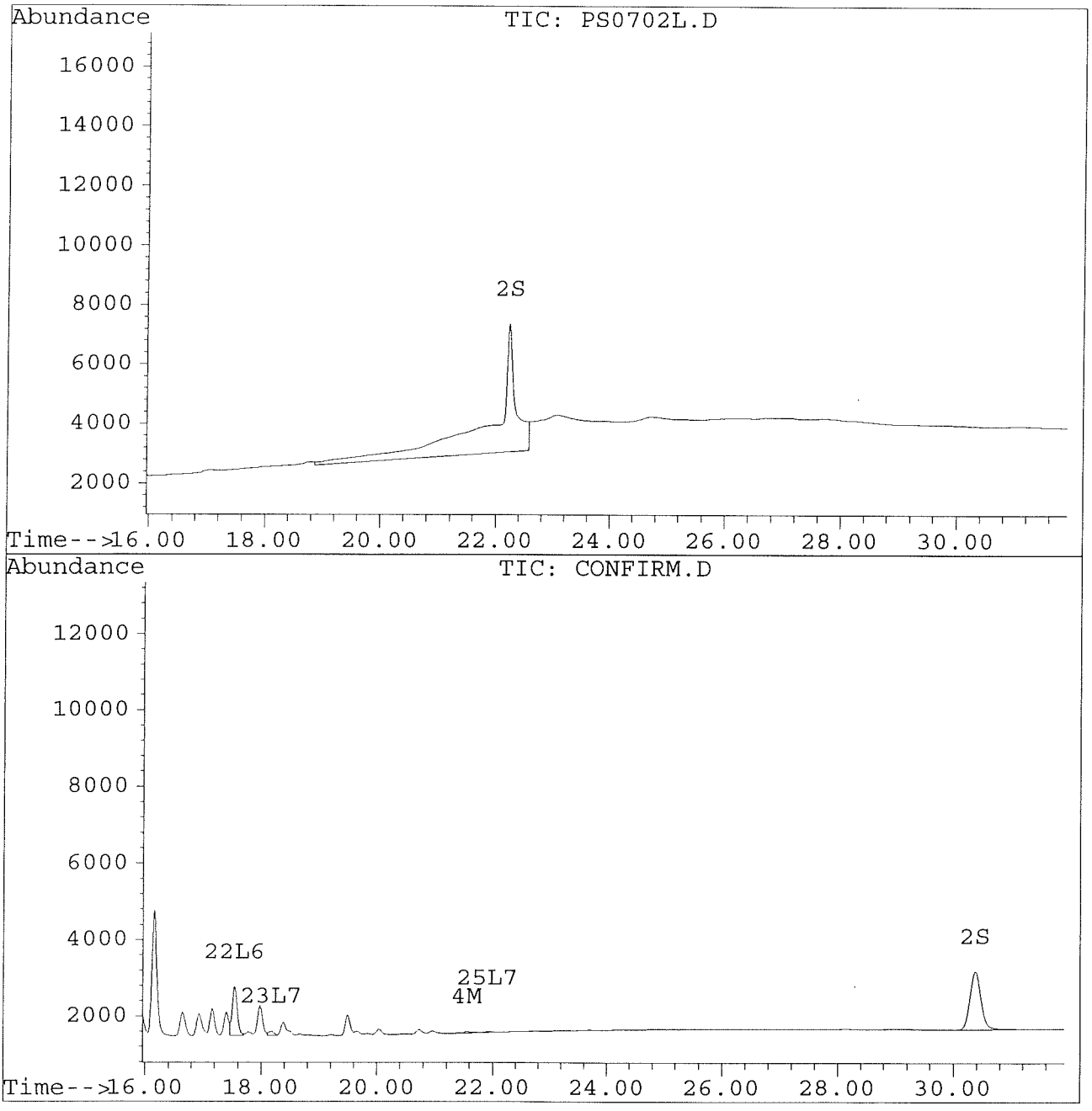
Vial: 30

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



453

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702M.D Vial: 41
Signal #2 : D:\HPCHEM\5\JL02\PS0702M.D\CONFIRM.D
Acq On : 03 Jul 96 12:44 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 13:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.05	6.41	4885	3985	0.021	0.021	
					Recovery	=	52.50%	52.50%	
2)	S	Decachlorobiphenyl	22.23	30.38	4184	1954	0.021	0.024	
					Recovery	=	52.50%	60.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.21	11.63	18729	13558	0.184	0.134	#
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.59	7324	1664	0.079	0.012	#
5)	L1	Aroclor-1016	6.79	8.77	11013	4621	0.360	0.351	
6)	L1	Aroclor-1016 {2}	8.93	10.29	5449	9258	0.362	0.345	
7)	L1	Aroclor-1016 {3}	9.32	12.22	8666	5680	0.354	0.342	
		Total Aroclor-1016			25128	19560	1.076	1.038	
		Average Aroclor-1016					0.359	0.346	
8)	L2	Aroclor-1221	5.08	8.00	790	705	0.163	0.168	
9)	L2	Aroclor-1221 {2}	5.50	8.54	1129	970	0.278	0.288	
10)	L2	Aroclor-1221 {3}	5.67	8.77	5584	4621	0.402	0.450	
		Total Aroclor-1221			7502	6296	0.844	0.907	
		Average Aroclor-1221					0.281	0.302	
11)	L3	Aroclor-1232	5.67	8.77	5584	4621	0.465	0.509	
12)	L3	Aroclor-1232 {2}	6.79	10.29	11013	9258	1.263	1.237	
13)	L3	Aroclor-1232 {3}	8.60	12.22	6816	5680	1.298	1.325	
		Total Aroclor-1232			23413	19560	3.026	3.070	
		Average Aroclor-1232					1.009	1.023	
14)	L4	Aroclor-1242	8.21	11.63	18729	13558	0.499	0.465	
15)	L4	Aroclor-1242 {2}	8.93	12.22	5449	5680	0.492	0.451	
16)	L4	Aroclor-1242 {3}	10.07	13.98	6690	4849	0.457	0.388	
		Total Aroclor-1242			30868	24087	1.448	1.305	
		Average Aroclor-1242					0.483	0.435	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702M.D Vial: 41
Signal #2 : D:\HPCHEM\5\JL02\PS0702M.D\CONFIRM.D
Acq On : 03 Jul 96 12:44 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 13:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.44	4138	3798	0.155	0.147
21) L6 Aroclor-1254 {2}	13.44	15.68	6154	3950	0.186	0.142
22) L6 Aroclor-1254 {3}	15.82	17.53	10094	5581	0.436	0.149 #
Total Aroclor-1254			20386	13329	0.777	0.439
Average Aroclor-1254					0.259	0.146
23) L7 Aroclor-1260	13.92	18.17	9925	9318	0.347	0.310
24) L7 Aroclor-1260 {2}	14.71	18.50	11062	10722	0.360	0.325
25) L7 Aroclor-1260 {3}	17.92	21.91	14224	15232	0.374	0.326
Total Aroclor-1260			35210	35273	1.081	0.962
Average Aroclor-1260					0.360	0.321
26) L8 Aroclor-1268	18.86	23.35	3000	3035	NoCal	NoCal
27) L8 Aroclor-1268 {2}	19.04	23.54	9038	1992	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.82	28.14f	1704	1124	NoCal	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.

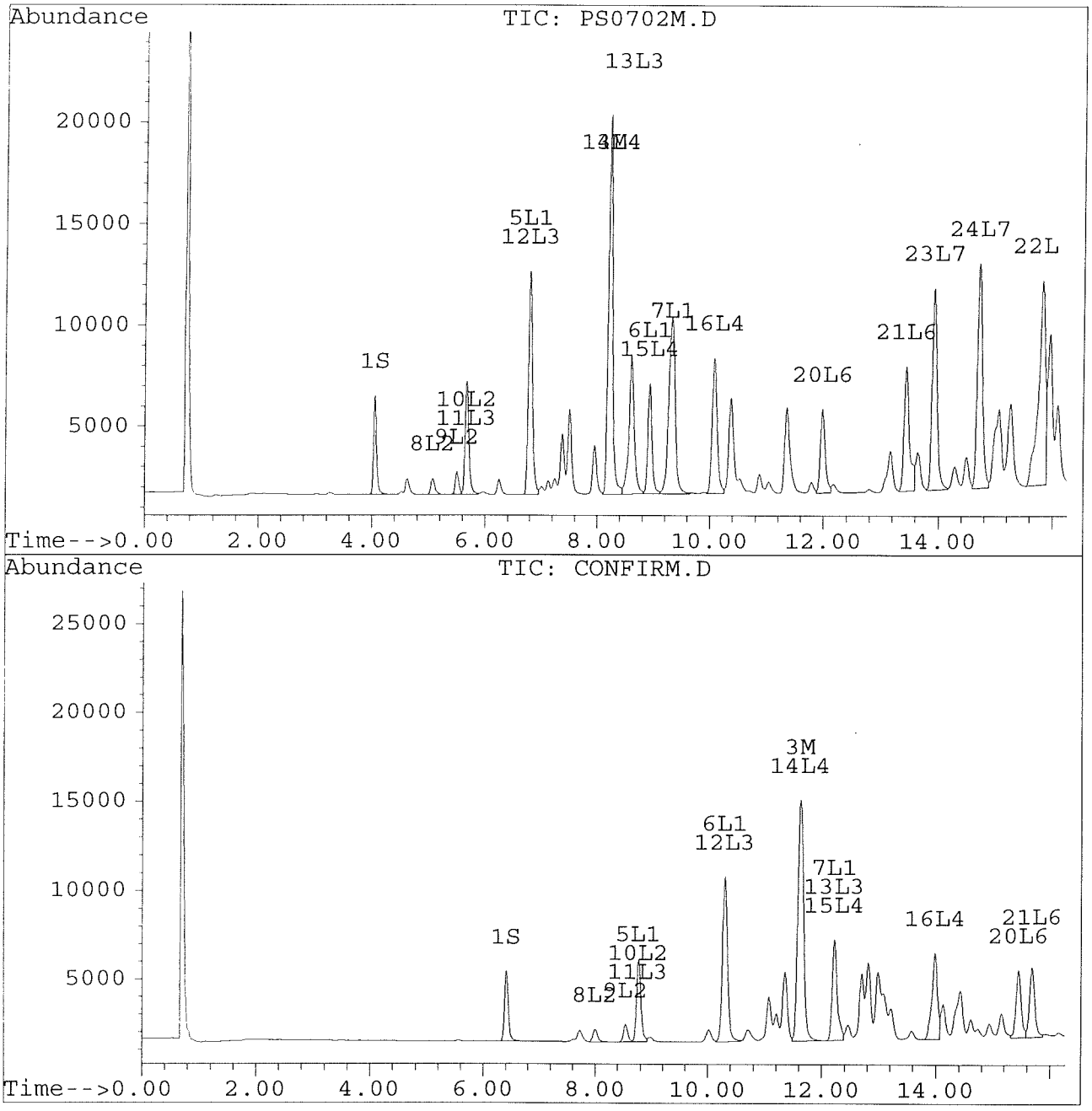
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702M.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702M.D\CONFIRM.D
Acq On : 03 Jul 96 12:44 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 3 13:18 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702M.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702M.D\CONFIRM.D
Acq On : 03 Jul 96 12:44 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 3 13:18 1996

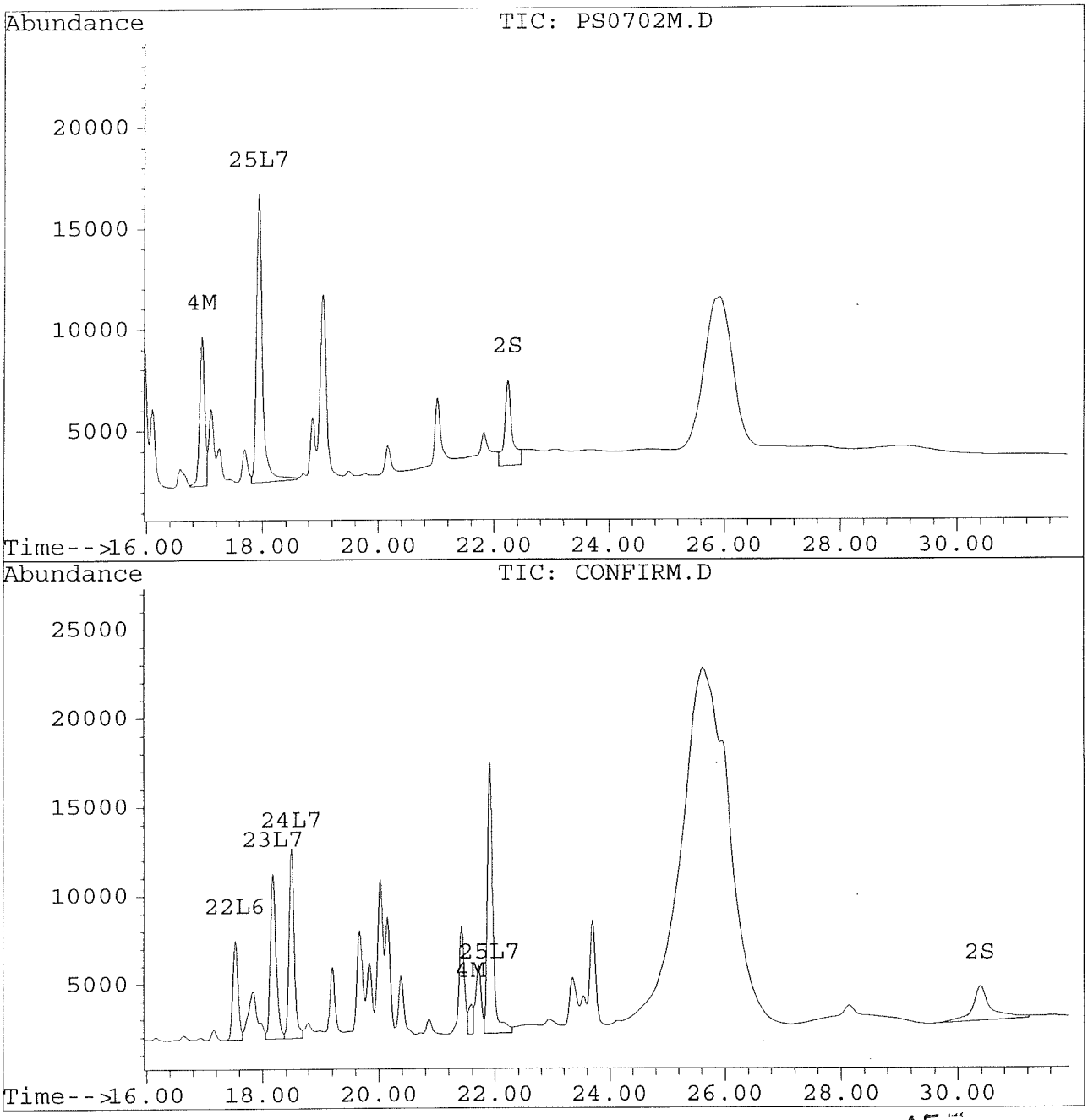
Vial: 41

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702N.D Vial: 42
Signal #2 : D:\HPCHEM\5\JL02\PS0702N.D\CONFIRM.D
Acq On : 03 Jul 96 01:20 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 13:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	4873	4006	0.021	0.021
				Recovery	=	52.50%	52.50%
2) S	Decachlorobiphenyl	22.24	0.00	4114	0	0.020	N.D. #
				Recovery	=	50.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.62	328	270	0.003	0.003
4) M	2,2',3,3',4,4'-Hexa	16.95	21.56	2398	2200	0.026	0.016 #
5) L1	Aroclor-1016	6.80	8.77	186	65	0.006	0.005
6) L1	Aroclor-1016 {2}	8.93	10.30	93	163	0.006	0.006
7) L1	Aroclor-1016 {3}	9.29f	12.22	5842	88	0.239	0.005 #
	Total Aroclor-1016			6121	317	0.251	0.016
	Average Aroclor-1016					0.084	0.005
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.67	8.77	80	65	0.006	0.006
	Total Aroclor-1221			80	65	0.006	0.006
	Average Aroclor-1221					0.006	0.006
11) L3	Aroclor-1232	5.67	8.77	80	65	0.007	0.007
12) L3	Aroclor-1232 {2}	6.80	10.30	186	163	0.021	0.022
13) L3	Aroclor-1232 {3}	8.60	12.22	118	88	0.022	0.021
	Total Aroclor-1232			383	317	0.050	0.050
	Average Aroclor-1232					0.017	0.017
14) L4	Aroclor-1242	8.21	11.62	328	270	0.009	0.009
15) L4	Aroclor-1242 {2}	8.93	12.22	93	88	0.008	0.007
16) L4	Aroclor-1242 {3}	10.07	13.98	2744	2437	0.187	0.195
	Total Aroclor-1242			3165	2795	0.205	0.211
	Average Aroclor-1242					0.068	0.070
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702N.D Vial: 42
Signal #2 : D:\HPCHEM\5\JL02\PS0702N.D\CONFIRM.D
Acq On : 03 Jul 96 01:20 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 13:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

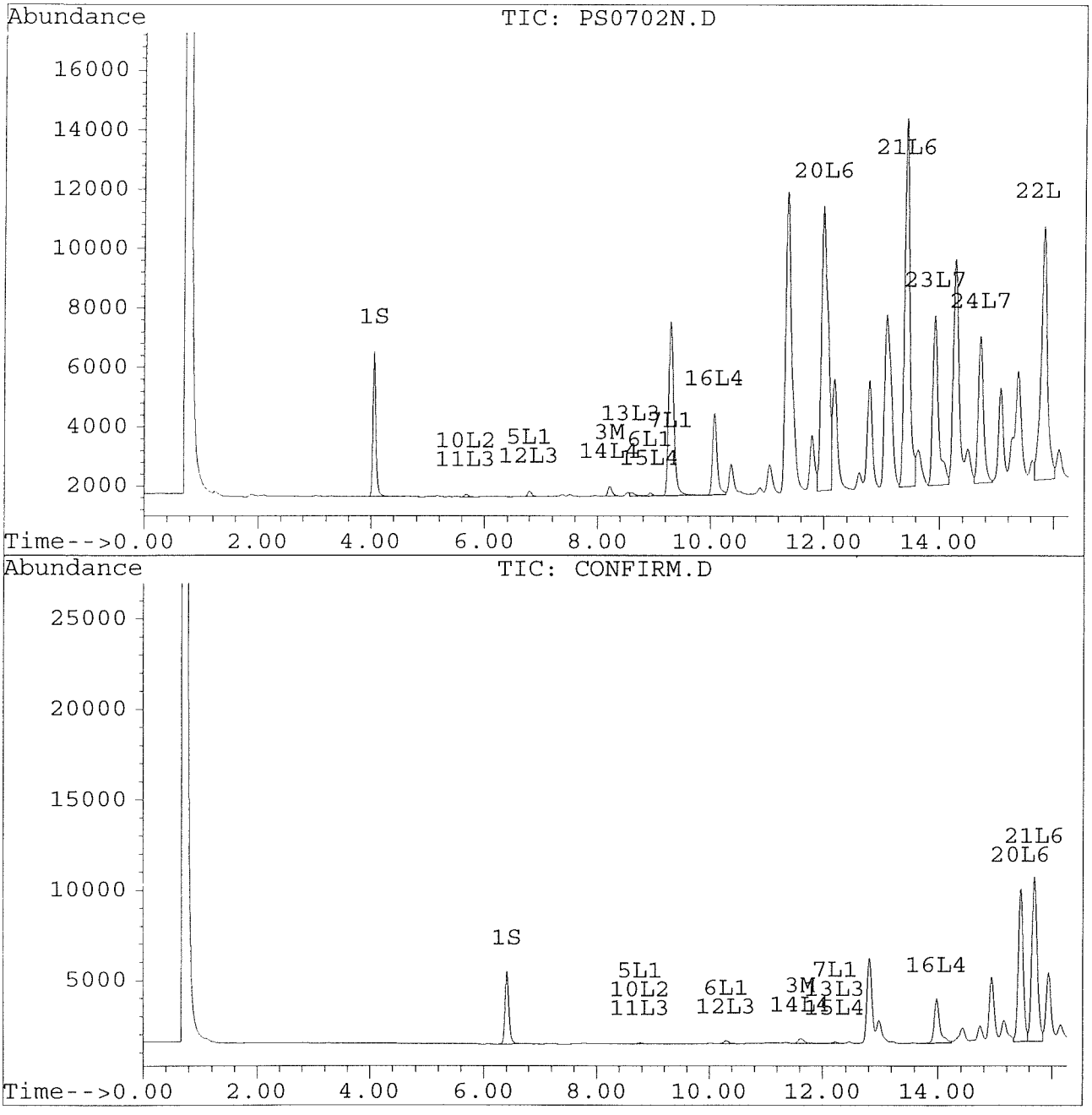
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	9602	8477	0.359	0.329
21) L6	Aroclor-1254 {2}	13.43	15.68	12423	9142	0.376	0.329
22) L6	Aroclor-1254 {3}	15.83	17.54	8540	12586	0.369	0.337
Total	Aroclor-1254			30565	30205	1.104	0.995
Average	Aroclor-1254					0.368	0.332
23) L7	Aroclor-1260	13.92	18.18	5730	4826	0.200	0.161
24) L7	Aroclor-1260 {2}	14.71	18.50	4940	5316	0.161	0.161
25) L7	Aroclor-1260 {3}	17.93	21.92	1119	1303	0.029	0.028
Total	Aroclor-1260			11789	11445	0.391	0.350
Average	Aroclor-1260					0.130	0.117
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.05f	0.00	681	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702N.D Vial: 42
Signal #2 : D:\HPCHEM\5\JL02\PS0702N.D\CONFIRM.D
Acq On : 03 Jul 96 01:20 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 13:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

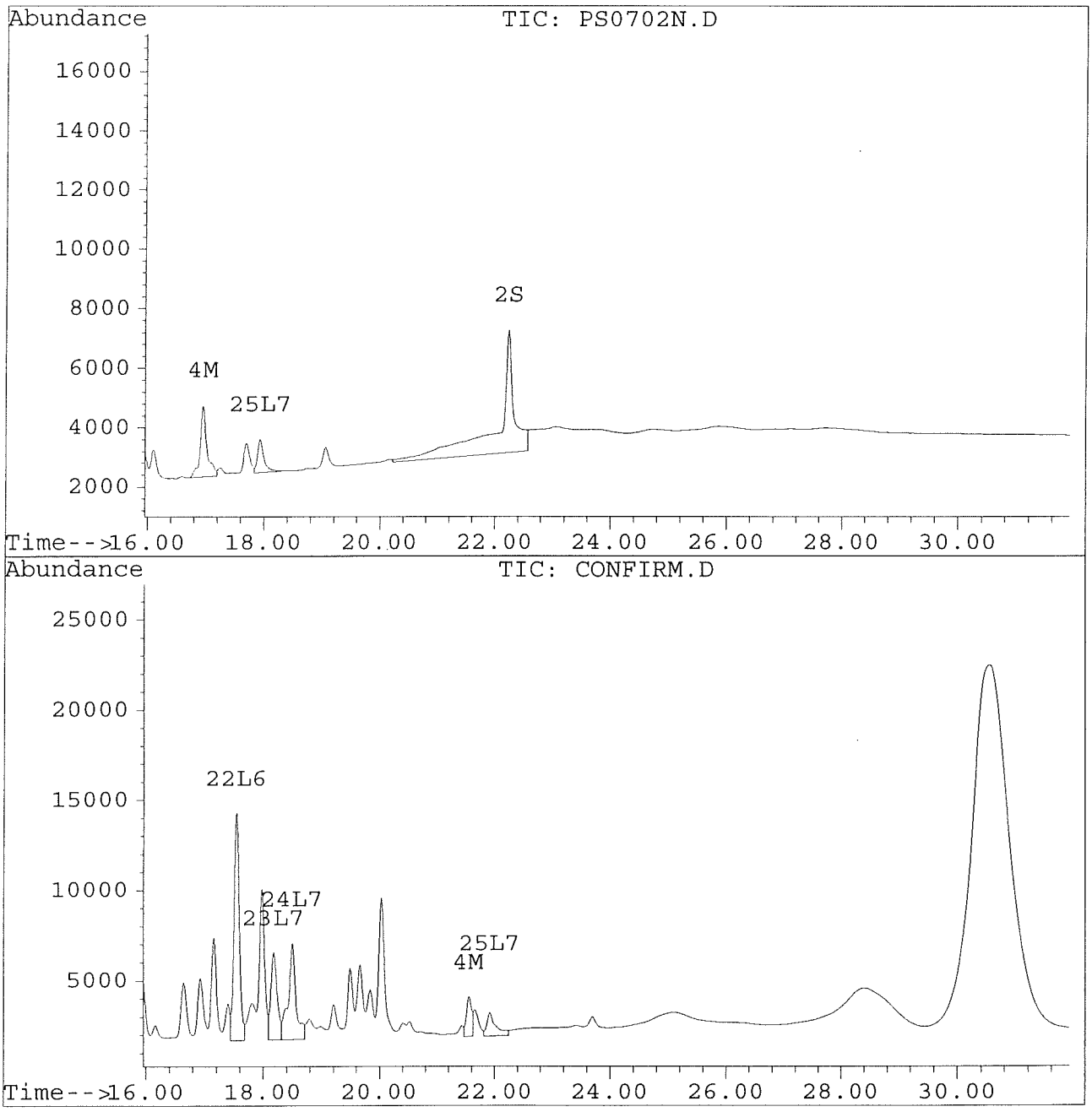


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702N.D Vial: 42
Signal #2 : D:\HPCHEM\5\JL02\PS0702N.D\CONFIRM.D
Acq On : 03 Jul 96 01:20 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 13:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702O.D Vial: 43
Signal #2 : D:\HPCHEM\5\JL02\PS0702O.D\CONFIRM.D
Acq On : 03 Jul 96 01:55 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 14:30 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	4718	3983	0.021	0.021
				Recovery	=	52.50%	52.50%
2) S	Decachlorobiphenyl	22.23	30.39	4451	1800	0.022	0.022
				Recovery	=	55.00%	55.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	13953	10533	0.137	0.104
4) M	2,2',3,3',4,4'-Hexa	17.01	21.56	155	43	0.002	0.000 #
5) L1	Aroclor-1016	6.79	8.77	8286	4089	0.271	0.311
6) L1	Aroclor-1016 {2}	8.93	10.29	4046	7193	0.269	0.268
7) L1	Aroclor-1016 {3}	9.32	12.22	6559	4536	0.268	0.273
Total	Aroclor-1016			18891	15818	0.808	0.851
Average	Aroclor-1016					0.269	0.284
8) L2	Aroclor-1221	5.08	8.00	719	672	0.149	0.160
9) L2	Aroclor-1221 {2}	5.50	8.54	1013	911	0.249	0.271
10) L2	Aroclor-1221 {3}	5.67	8.77	4787	4089	0.345	0.398
Total	Aroclor-1221			6518	5672	0.743	0.829
Average	Aroclor-1221					0.248	0.276
11) L3	Aroclor-1232	5.67	8.77	4787	4089	0.398	0.450
12) L3	Aroclor-1232 {2}	6.79	10.29	8286	7193	0.950	0.961
13) L3	Aroclor-1232 {3}	8.60	12.22	5121	4536	0.975	1.058
Total	Aroclor-1232			18194	15818	2.324	2.469
Average	Aroclor-1232					0.775	0.823
14) L4	Aroclor-1242	8.21	11.63	13953	10533	0.372	0.361
15) L4	Aroclor-1242 {2}	8.93	12.22	4046	4536	0.365	0.360
16) L4	Aroclor-1242 {3}	10.07	13.98	5435	4272	0.371	0.342
Total	Aroclor-1242			23435	19341	1.108	1.064
Average	Aroclor-1242					0.369	0.355
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702O.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702O.D\CONFIRM.D
Acq On : 03 Jul 96 01:55 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 3 14:30 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.44	0	1076	N.D.	0.042 #
21) L6	Aroclor-1254 {2}	13.43	15.69	1173	1157	0.035	0.042
22) L6	Aroclor-1254 {3}	15.83	17.55	174	1371	0.008	0.037 #
Total	Aroclor-1254			1347	3604	0.043	0.120
Average	Aroclor-1254					0.021	0.040
23) L7	Aroclor-1260	13.92	18.18	550	219	0.019	0.007 #
24) L7	Aroclor-1260 {2}	14.71	0.00	93	0	0.003	N.D. #
25) L7	Aroclor-1260 {3}	17.95	0.00	130	0	0.003	N.D. #
Total	Aroclor-1260			773	219	0.026	0.007
Average	Aroclor-1260					0.009	0.007
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

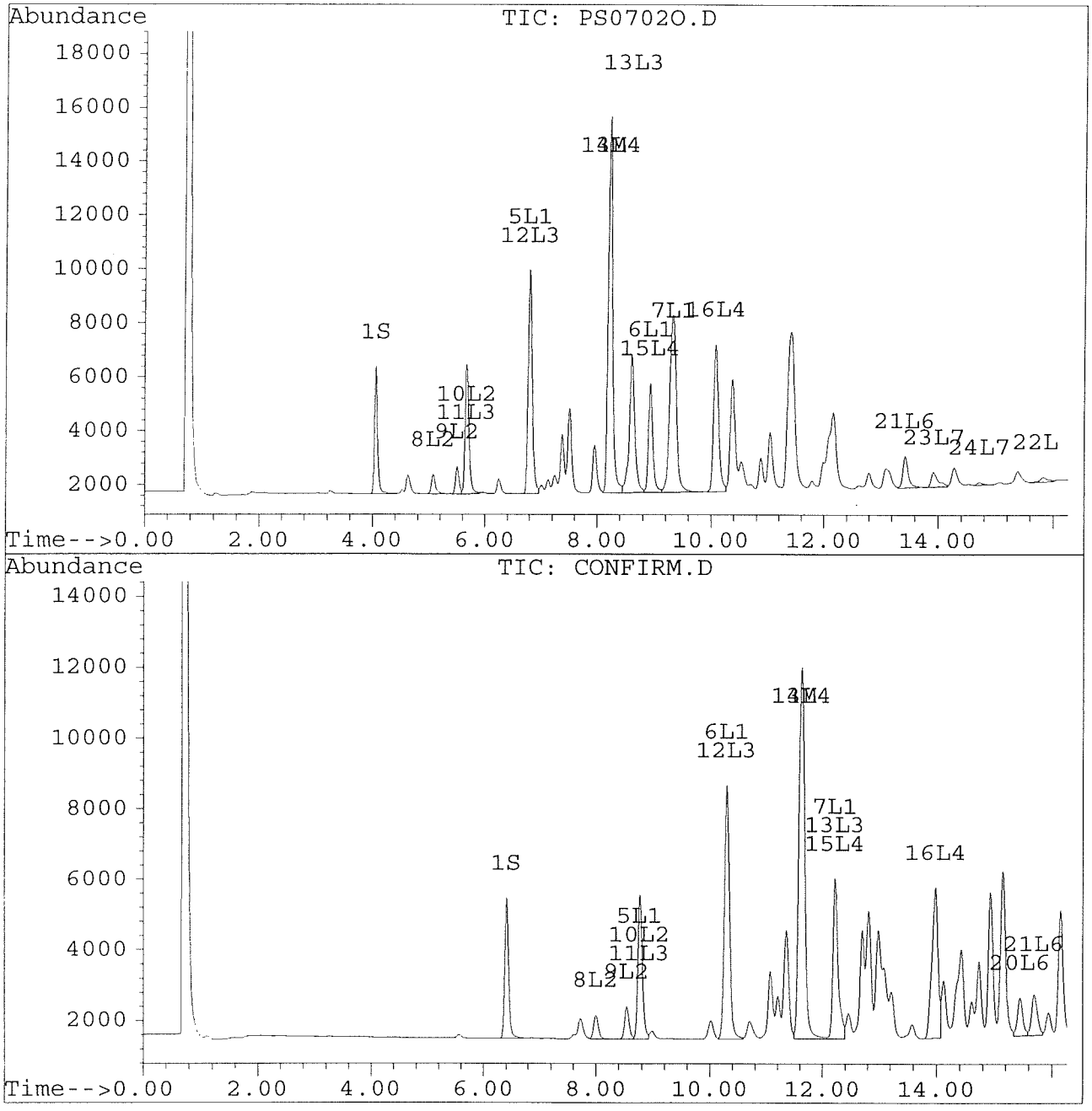
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702O.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702O.D\CONFIRM.D
Acq On : 03 Jul 96 01:55 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 3 14:30 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



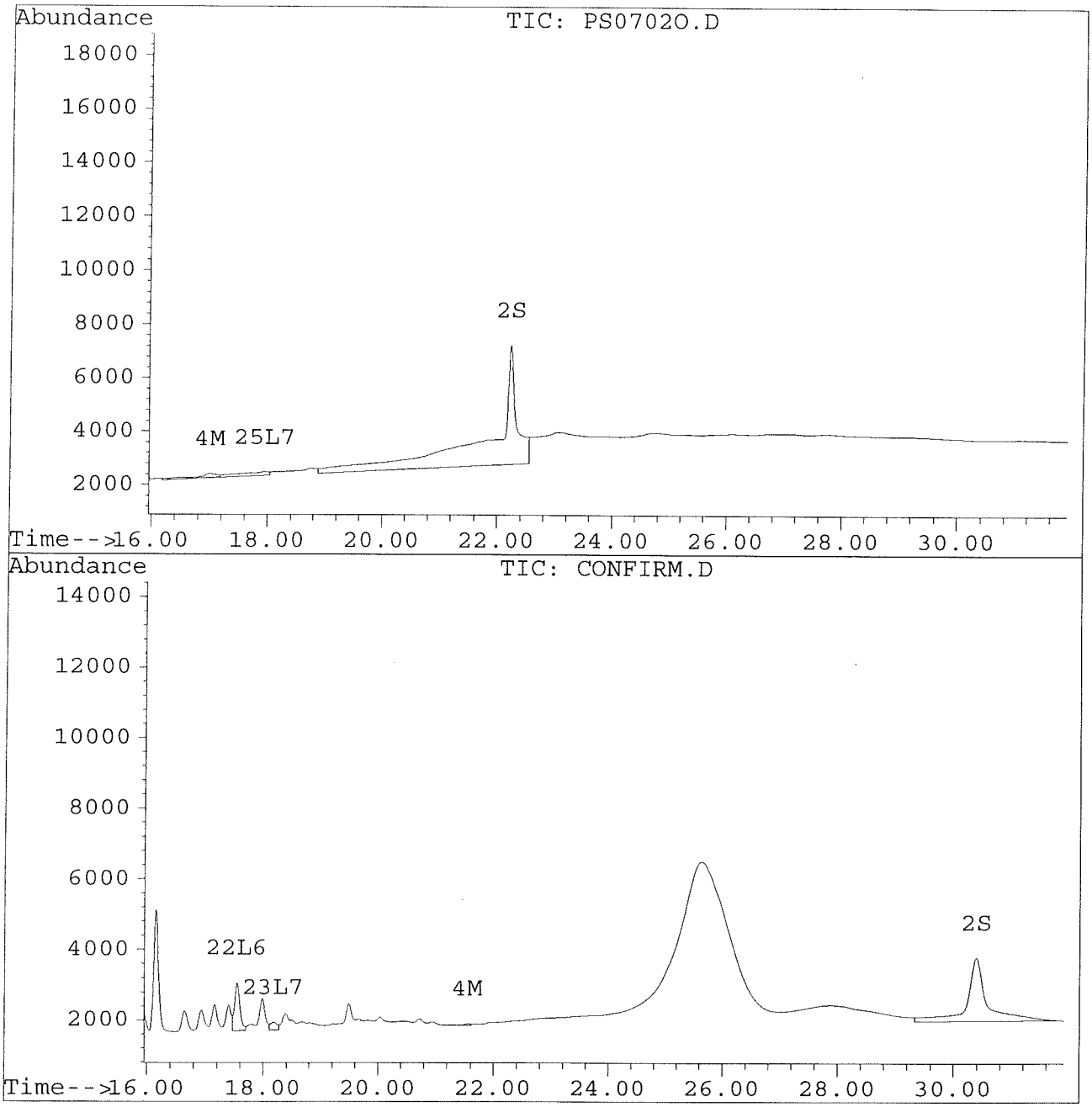
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702O.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702O.D\CONFIRM.D
Acq On : 03 Jul 96 01:55 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 3 14:30 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702P.D Vial: 54
Signal #2 : D:\HPCHEM\5\JL02\PS0702P.D\CONFIRM.D
Acq On : 03 Jul 96 08:28 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 21:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	4702	3883	0.021	0.021
				Recovery	=	52.50%	52.50%
2) S	Decachlorobiphenyl	22.23	0.00	6203	0	0.031	N.D. #
				Recovery	=	77.50%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	18180	13702	0.179	0.135
4) M	2,2',3,3',4,4'-Hexa	16.95	21.59	7969	2052	0.086	0.015 #
5) L1	Aroclor-1016	6.79	8.77	10729	4583	0.351	0.348
6) L1	Aroclor-1016 {2}	8.93	10.29	5365	9189	0.356	0.342
7) L1	Aroclor-1016 {3}	9.33	12.22	8684	5640	0.355	0.339
Total	Aroclor-1016			24778	19413	1.062	1.030
Average	Aroclor-1016					0.354	0.343
8) L2	Aroclor-1221	5.08	8.00	771	689	0.159	0.164
9) L2	Aroclor-1221 {2}	5.50	8.54	1101	940	0.271	0.279
10) L2	Aroclor-1221 {3}	5.67	8.77	5427	4583	0.391	0.446
Total	Aroclor-1221			7299	6212	0.822	0.890
Average	Aroclor-1221					0.274	0.297
11) L3	Aroclor-1232	5.67	8.77	5427	4583	0.452	0.505
12) L3	Aroclor-1232 {2}	6.79	10.29	10729	9189	1.231	1.227
13) L3	Aroclor-1232 {3}	8.60	12.22	6682	5640	1.272	1.316
Total	Aroclor-1232			22838	19413	2.955	3.048
Average	Aroclor-1232					0.985	1.016
14) L4	Aroclor-1242	8.21	11.63	18180	13702	0.484	0.470
15) L4	Aroclor-1242 {2}	8.93	12.22	5365	5640	0.484	0.448
16) L4	Aroclor-1242 {3}	10.08	13.98	6696	4882	0.457	0.391
Total	Aroclor-1242			30241	24224	1.426	1.309
Average	Aroclor-1242					0.475	0.436
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702P.D Vial: 54
Signal #2 : D:\HPCHEM\5\JL02\PS0702P.D\CONFIRM.D
Acq On : 03 Jul 96 08:28 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 21:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.45	4143	4007	0.155	0.156
21) L6	Aroclor-1254 {2}	13.44	15.69	6373	4107	0.193	0.148
22) L6	Aroclor-1254 {3}	15.82	17.53	10719	6183	0.463	0.165 #
Total	Aroclor-1254			21236	14297	0.811	0.469
Average	Aroclor-1254					0.270	0.156
23) L7	Aroclor-1260	13.92	18.18	10072	10088	0.352	0.336
24) L7	Aroclor-1260 {2}	14.71	18.50	11384	11523	0.371	0.350
25) L7	Aroclor-1260 {3}	17.93	21.91	15695	15940	0.412	0.341
Total	Aroclor-1260			37150	37550	1.135	1.027
Average	Aroclor-1260					0.378	0.342
26) L8	Aroclor-1268	18.86	23.35	3938	3880	NoCal	NoCal
27) L8	Aroclor-1268 {2}	19.04	23.54	10257	2909	NoCal	NoCal
28) L8	Aroclor-1268 {3}	21.83	0.00	3396	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

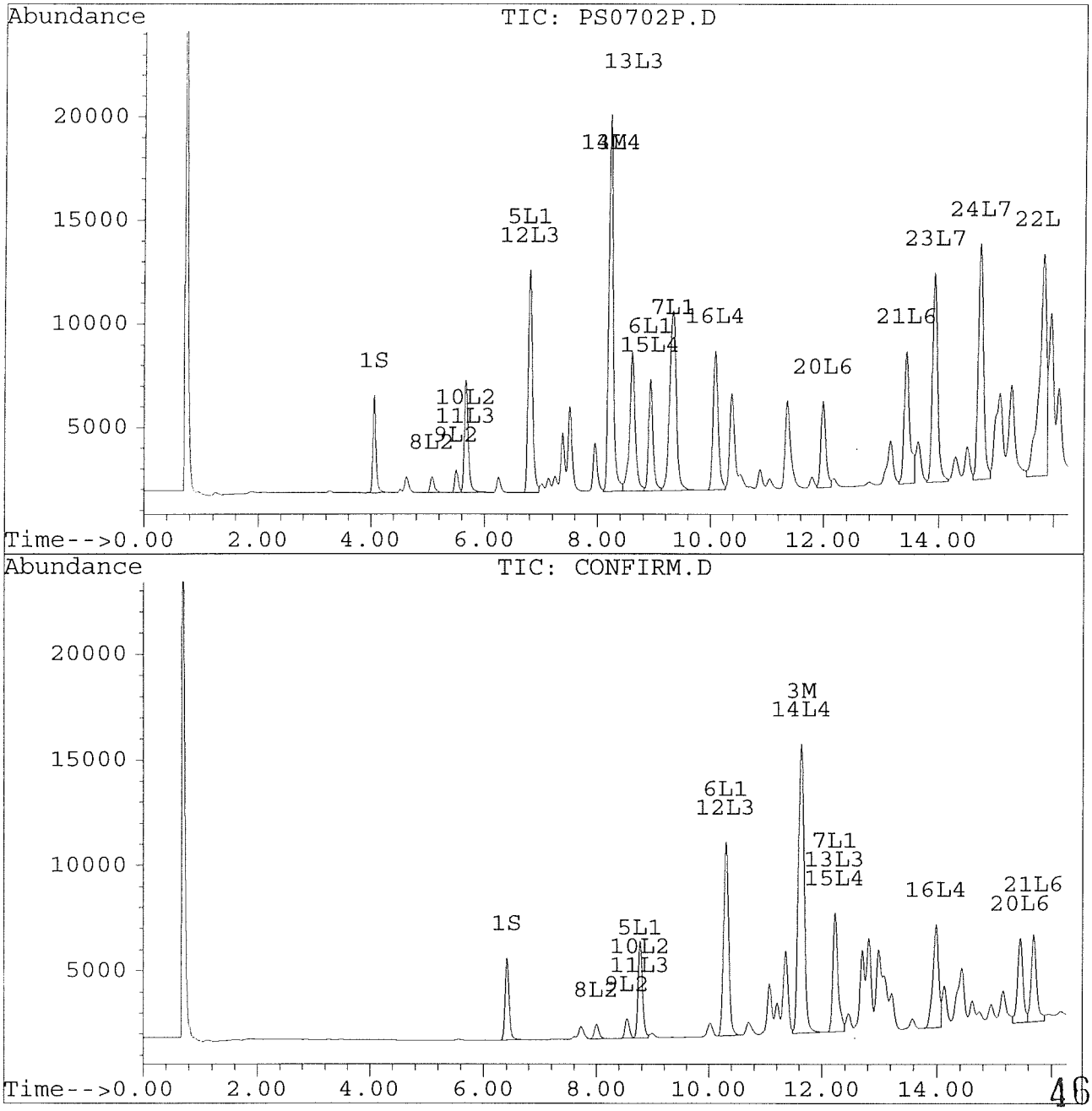
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702P.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702P.D\CONFIRM.D
Acq On : 03 Jul 96 08:28 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 3 21:02 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



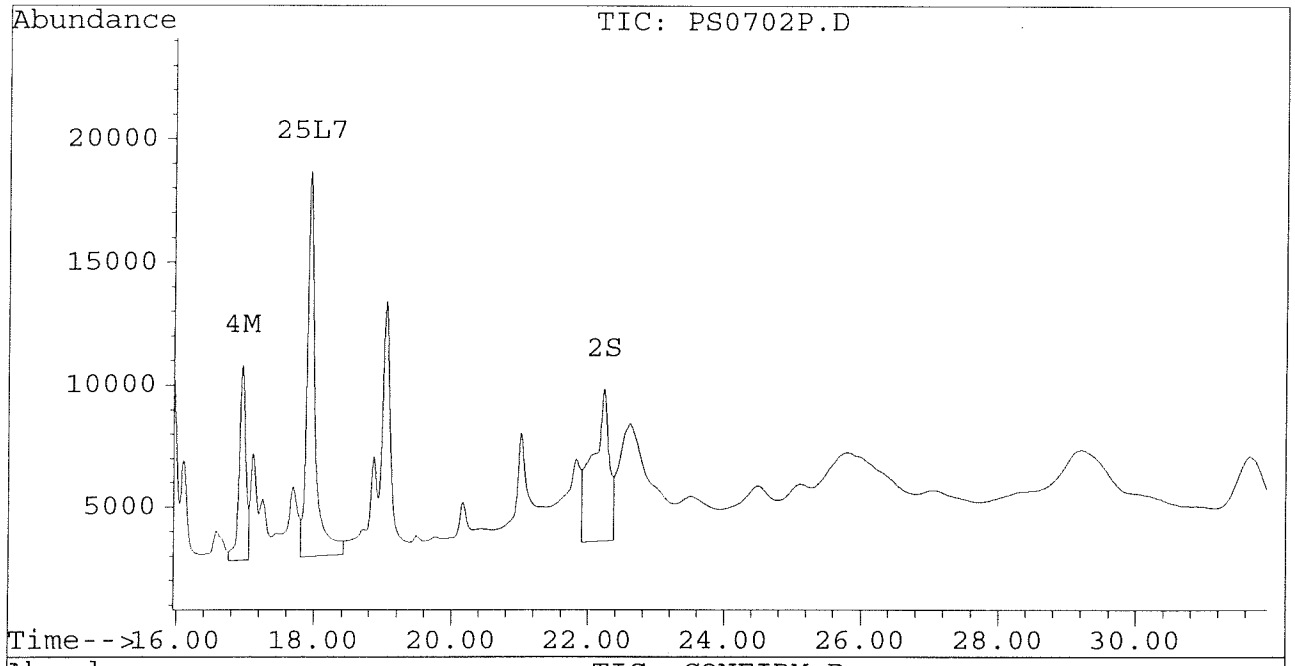
Quantitation Report

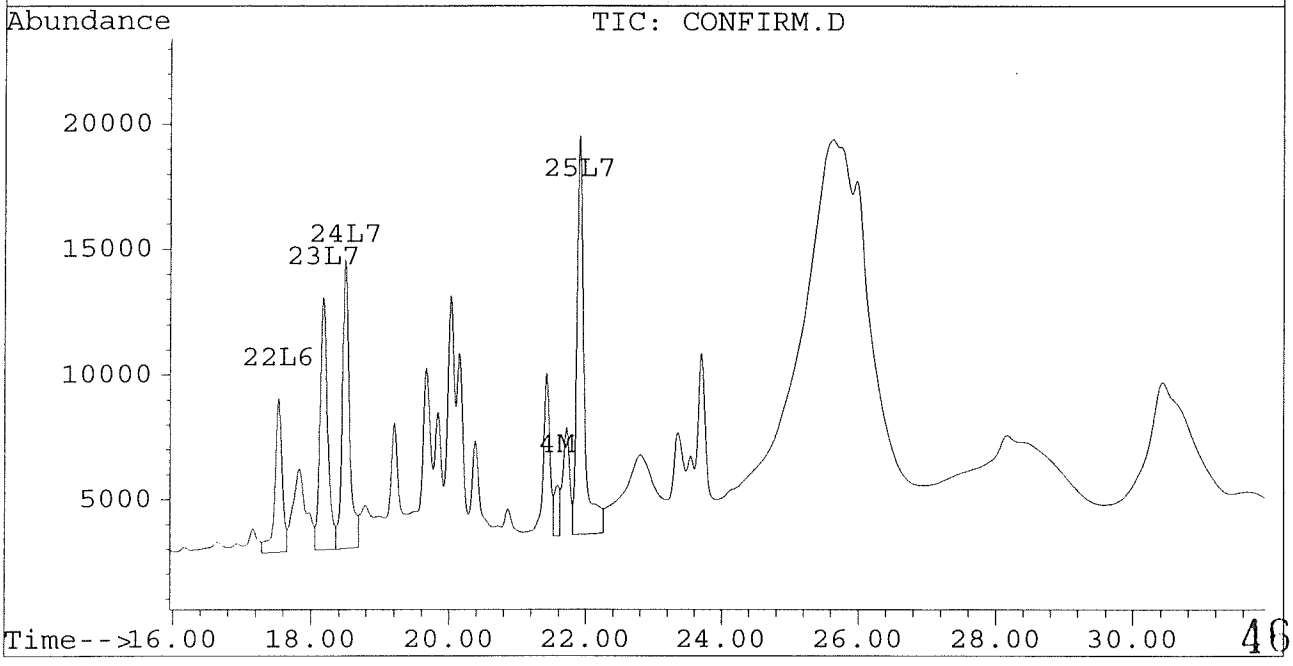
Signal #1 : D:\HPCHEM\5\JL02\PS0702P.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702P.D\CONFIRM.D
Acq On : 03 Jul 96 08:28 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 3 21:02 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





469

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702Q.D Vial: 55
Signal #2 : D:\HPCHEM\5\JL02\PS0702Q.D\CONFIRM.D
Acq On : 03 Jul 96 09:03 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 21:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	4712	3929	0.021	0.021
					Recovery	=	52.50%	52.50%
2)	S	Decachlorobiphenyl	22.24	30.39	4580	2197	0.023	0.027
					Recovery	=	57.50%	67.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.62	314	247	0.003	0.002
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.56	2493	3844	0.027	0.029
5)	L1	Aroclor-1016	6.80	8.77	181	66	0.006	0.005
6)	L1	Aroclor-1016 {2}	8.94	10.30	92	161	0.006	0.006
7)	L1	Aroclor-1016 {3}	9.29f	12.23	5781	75	0.236	0.005 #
		Total Aroclor-1016			6054	302	0.248	0.016
		Average Aroclor-1016					0.083	0.005
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2	Aroclor-1221 {2}	0.00	8.54	0	12	N.D.	0.003 #
10)	L2	Aroclor-1221 {3}	5.68	8.77	75	66	0.005	0.006
		Total Aroclor-1221			75	77	0.005	0.010
		Average Aroclor-1221					0.005	0.005
11)	L3	Aroclor-1232	5.68	8.77	75	66	0.006	0.007
12)	L3	Aroclor-1232 {2}	6.80	10.30	181	161	0.021	0.021
13)	L3	Aroclor-1232 {3}	8.60	12.23	115	75	0.022	0.018
		Total Aroclor-1232			371	302	0.049	0.046
		Average Aroclor-1232					0.016	0.015
14)	L4	Aroclor-1242	8.22	11.62	314	247	0.008	0.008
15)	L4	Aroclor-1242 {2}	8.94	12.23	92	75	0.008	0.006 #
16)	L4	Aroclor-1242 {3}	10.07	13.98	2685	2456	0.183	0.197
		Total Aroclor-1242			3091	2779	0.200	0.211
		Average Aroclor-1242					0.067	0.070
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702Q.D Vial: 55
Signal #2 : D:\HPCHEM\5\JL02\PS0702Q.D\CONFIRM.D
Acq On : 03 Jul 96 09:03 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 21:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	11.99	15.44	9451	8580	0.354	0.333	
21) L6	Aroclor-1254 {2}	13.43	15.69	12422	9303	0.375	0.335	
22) L6	Aroclor-1254 {3}	15.83	17.55	8706	13135	0.376	0.351	
Total	Aroclor-1254			30579	31019	1.105	1.020	
Average	Aroclor-1254					0.368	0.340	
23) L7	Aroclor-1260	13.92	18.18	5787	5198	0.202	0.173	
24) L7	Aroclor-1260 {2}	14.71	18.50	5031	5759	0.164	0.175	
25) L7	Aroclor-1260 {3}	17.93	21.92	1285	3727	0.034	0.080	#
Total	Aroclor-1260			12102	14684	0.400	0.428	
Average	Aroclor-1260					0.133	0.143	
26) L8	Aroclor-1268	18.87	0.00	333	0	NoCal	N.D.	
27) L8	Aroclor-1268 {2}	19.05f	0.00	1075	0	NoCal	N.D.	
28) L8	Aroclor-1268 {3}	0.00	28.09	0	1812	N.D.	NoCal	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

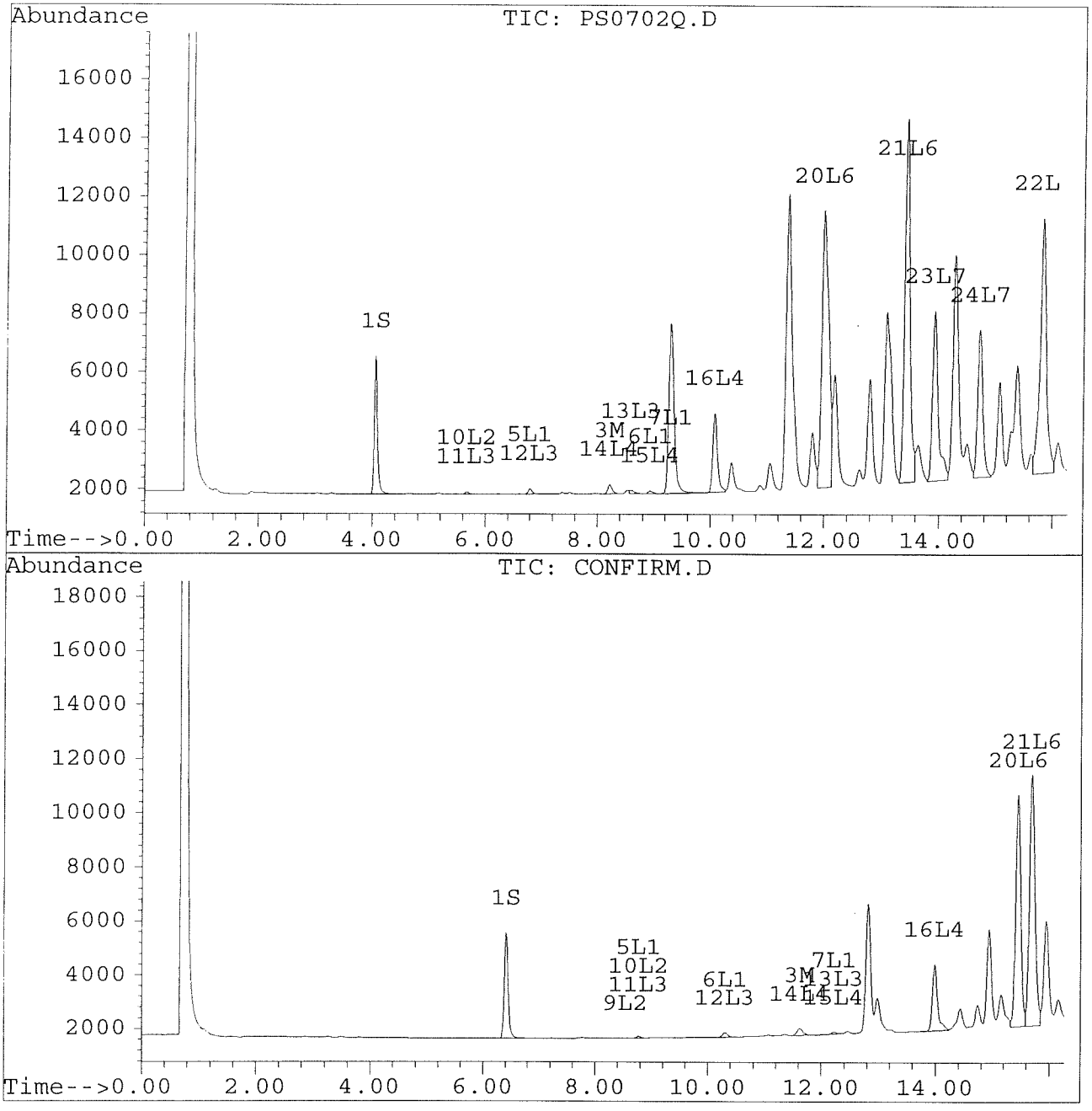
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702Q.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702Q.D\CONFIRM.D
Acq On : 03 Jul 96 09:03 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 3 21:38 1996

Vial: 55
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

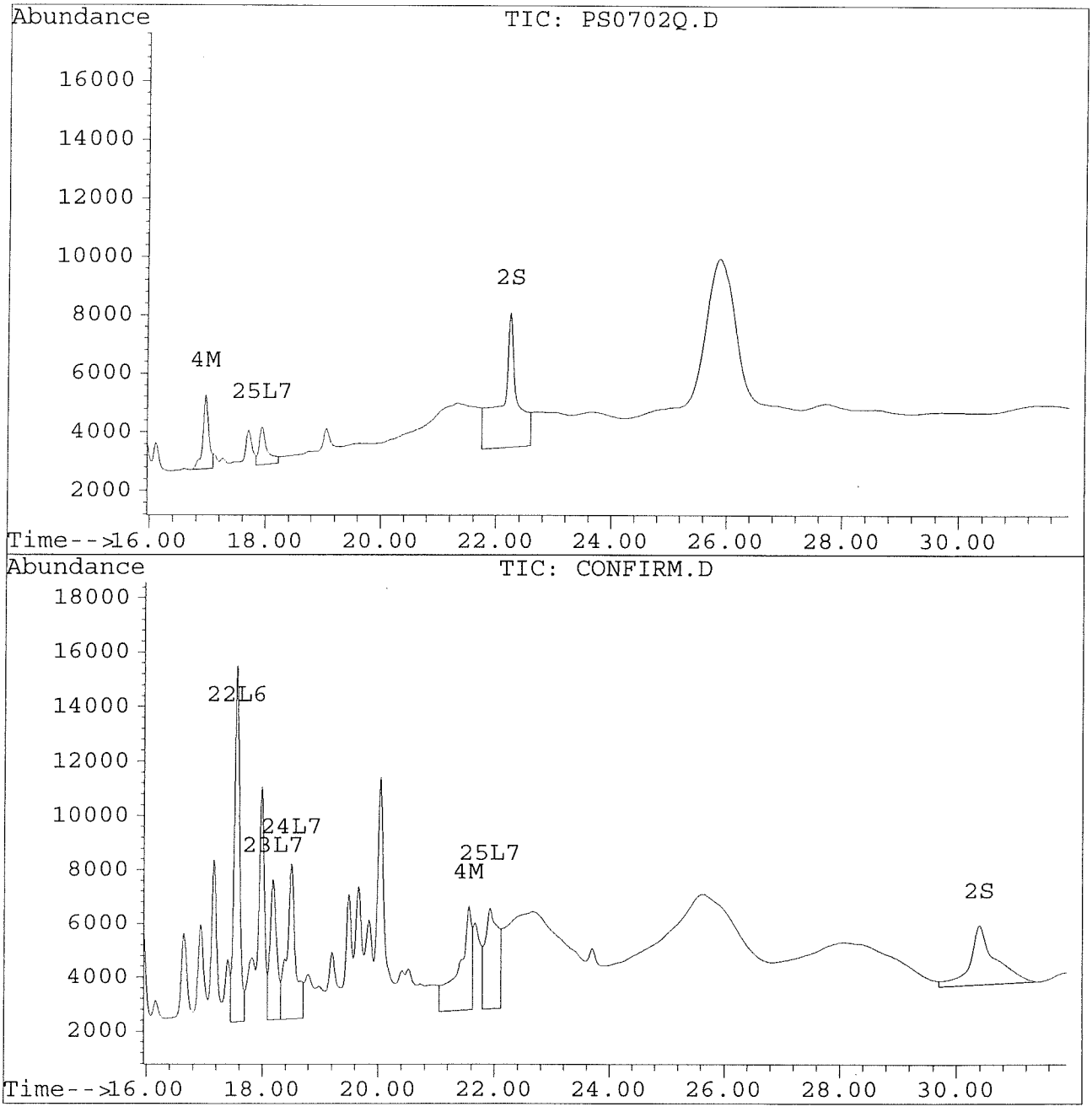
Signal #1 : D:\HPCHEM\5\JL02\PS0702Q.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702Q.D\CONFIRM.D
Acq On : 03 Jul 96 09:03 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 3 21:38 1996

Vial: 55

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702R.D Vial: 56
Signal #2 : D:\HPCHEM\5\JL02\PS0702R.D\CONFIRM.D
Acq On : 03 Jul 96 09:39 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 22:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.41	4581	3868	0.020	0.021
					Recovery	=	50.00%	52.50%
2)	S	Decachlorobiphenyl	22.24	30.39	4468	2355	0.022	0.029 #
					Recovery	=	55.00%	72.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.21	11.63	13647	10295	0.134	0.102
4)	M	2,2',3,3',4,4'-Hexa	17.01	0.00	187	0	0.002	N.D. #
5)	L1	Aroclor-1016	6.79	8.77	8082	3998	0.265	0.304
6)	L1	Aroclor-1016 (2)	8.93	10.29	3946	7064	0.262	0.263
7)	L1	Aroclor-1016 (3)	9.32	12.22	6473	4391	0.264	0.264
		Total Aroclor-1016			18501	15453	0.791	0.831
		Average Aroclor-1016					0.264	0.277
8)	L2	Aroclor-1221	5.08	8.00	703	655	0.145	0.156
9)	L2	Aroclor-1221 (2)	5.50	8.54	988	876	0.243	0.260
10)	L2	Aroclor-1221 (3)	5.67	8.77	4684	3998	0.338	0.389
		Total Aroclor-1221			6375	5529	0.726	0.806
		Average Aroclor-1221					0.242	0.269
11)	L3	Aroclor-1232	5.67	8.77	4684	3998	0.390	0.440
12)	L3	Aroclor-1232 (2)	6.79	10.29	8082	7064	0.927	0.943
13)	L3	Aroclor-1232 (3)	8.60	12.22	5040	4391	0.960	1.024
		Total Aroclor-1232			17807	15453	2.277	2.408
		Average Aroclor-1232					0.759	0.803
14)	L4	Aroclor-1242	8.21	11.63	13647	10295	0.363	0.353
15)	L4	Aroclor-1242 (2)	8.93	12.22	3946	4391	0.356	0.349
16)	L4	Aroclor-1242 (3)	10.07	13.98	5295	4238	0.362	0.340
		Total Aroclor-1242			22888	18924	1.081	1.041
		Average Aroclor-1242					0.360	0.347
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702R.D Vial: 56
Signal #2 : D:\HPCHEM\5\JL02\PS0702R.D\CONFIRM.D
Acq On : 03 Jul 96 09:39 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 3 22:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.44	0	1058	N.D.	0.041 #
21) L6	Aroclor-1254 {2}	13.43	15.69	1146	1133	0.035	0.041
22) L6	Aroclor-1254 {3}	15.83	17.55	168	1434	0.007	0.038 #
Total	Aroclor-1254			1315	3625	0.042	0.120
Average	Aroclor-1254					0.021	0.040
23) L7	Aroclor-1260	13.93	18.18	543	347	0.019	0.012 #
24) L7	Aroclor-1260 {2}	14.72	18.50	93	423	0.003	0.013 #
25) L7	Aroclor-1260 {3}	17.95	0.00	99	0	0.003	N.D. #
Total	Aroclor-1260			735	770	0.025	0.024
Average	Aroclor-1260					0.008	0.012
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702R.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702R.D\CONFIRM.D
Acq On : 03 Jul 96 09:39 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 3 22:13 1996

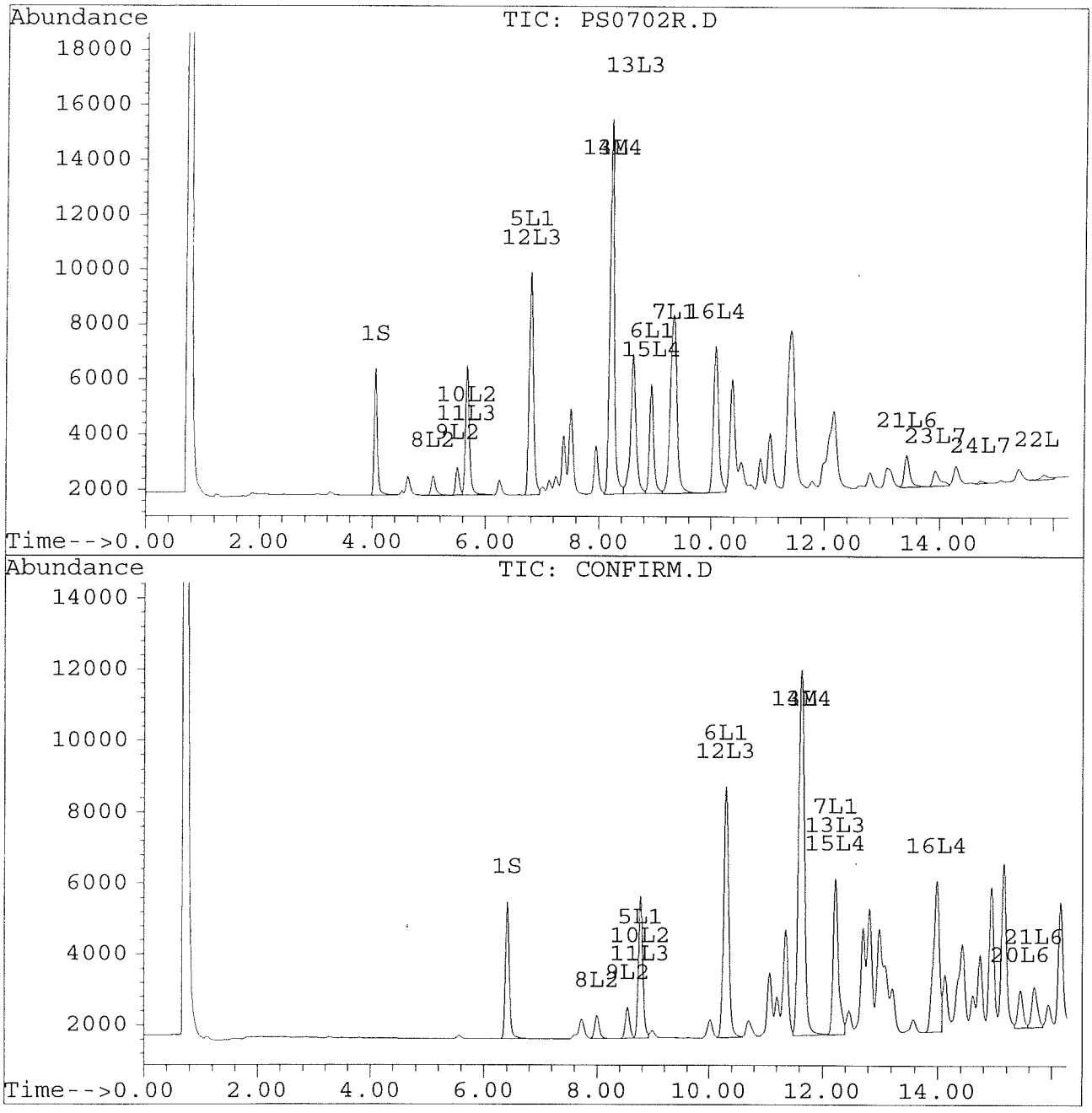
Vial: 56

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702R.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702R.D\CONFIRM.D
Acq On : 03 Jul 96 09:39 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 3 22:13 1996

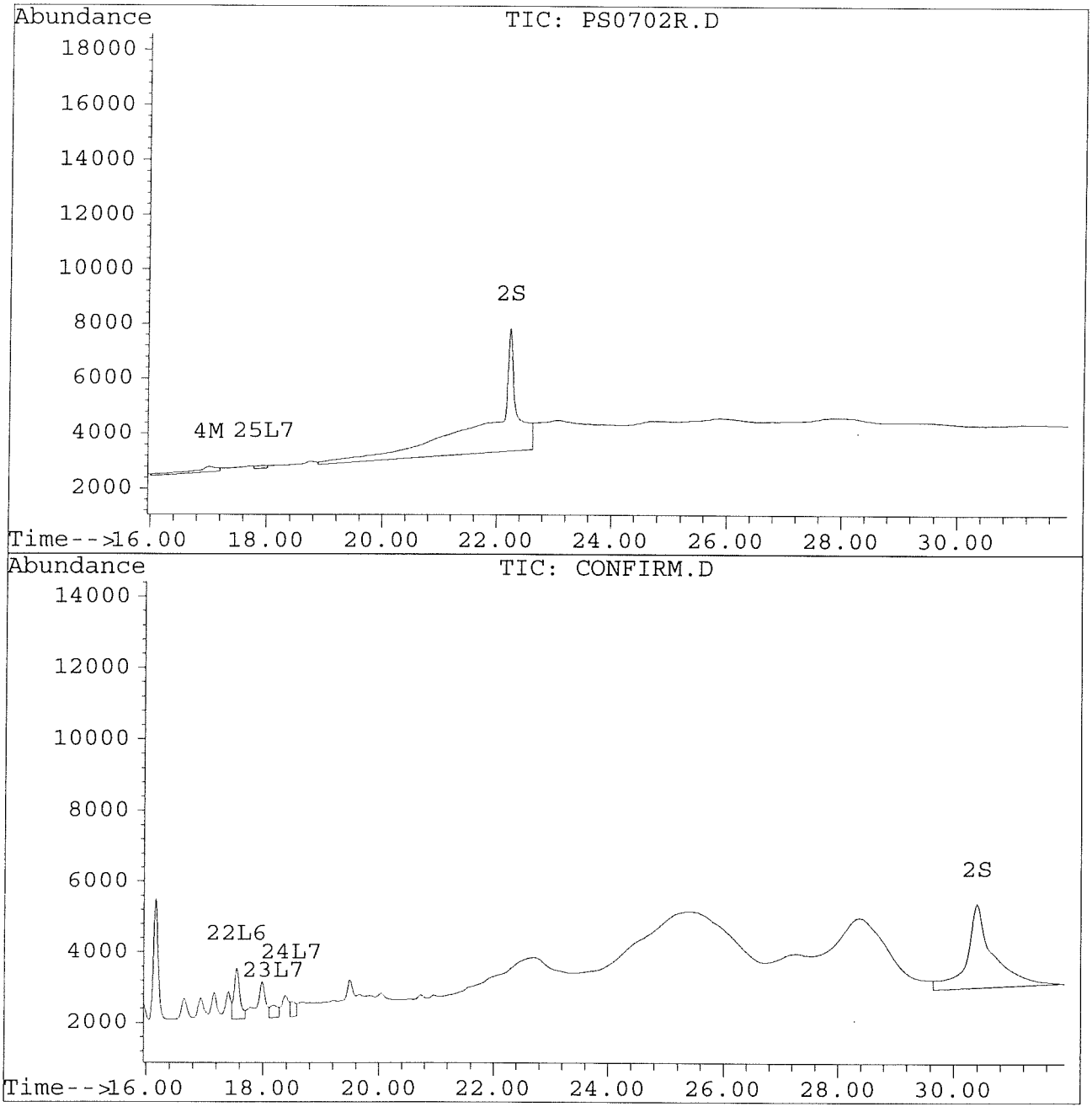
Vial: 56

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702S.D Vial: 67
Signal #2 : D:\HPCHEM\5\JL02\PS0702S.D\CONFIRM.D
Acq On : 04 Jul 96 02:26 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 4 3:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.41	4822	3882	0.021	0.021	
				Recovery	=	52.50%	52.50%	
2) S	Decachlorobiphenyl	22.23	30.40	8166	3440	0.040	0.042	
				Recovery	=	100.00%	105.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.63	18481	13911	0.181	0.137	
4) M	2,2',3,3',4,4'-Hexa	16.95	21.59	8378	2376	0.091	0.018	#
5) L1	Aroclor-1016	6.79	8.77	10845	4654	0.355	0.354	
6) L1	Aroclor-1016 {2}	8.93	10.29	5439	9313	0.361	0.347	
7) L1	Aroclor-1016 {3}	9.33	12.22	8734	5802	0.357	0.349	
Total	Aroclor-1016			25019	19770	1.073	1.050	
Average	Aroclor-1016					0.358	0.350	
8) L2	Aroclor-1221	5.08	8.00	783	704	0.162	0.168	
9) L2	Aroclor-1221 {2}	5.50	8.54	1113	971	0.274	0.289	
10) L2	Aroclor-1221 {3}	5.67	8.77	5480	4654	0.395	0.453	
Total	Aroclor-1221			7376	6330	0.831	0.910	
Average	Aroclor-1221					0.277	0.303	
11) L3	Aroclor-1232	5.67	8.77	5480	4654	0.456	0.513	
12) L3	Aroclor-1232 {2}	6.79	10.29	10845	9313	1.244	1.244	
13) L3	Aroclor-1232 {3}	8.60	12.22	6794	5802	1.294	1.353	
Total	Aroclor-1232			23120	19770	2.994	3.110	
Average	Aroclor-1232					0.998	1.037	
14) L4	Aroclor-1242	8.21	11.63	18481	13911	0.492	0.477	
15) L4	Aroclor-1242 {2}	8.93	12.22	5439	5802	0.491	0.461	
16) L4	Aroclor-1242 {3}	10.08	13.98	6760	5024	0.462	0.402	
Total	Aroclor-1242			30681	24737	1.445	1.340	
Average	Aroclor-1242					0.482	0.447	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702S.D Vial: 67
Signal #2 : D:\HPCHEM\5\JL02\PS0702S.D\CONFIRM.D
Acq On : 04 Jul 96 02:26 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 4 3:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.99	15.45	4205	3911	0.157	0.152
21) L6 Aroclor-1254 {2}	13.44	15.69	6645	4070	0.201	0.147 #
22) L6 Aroclor-1254 {3}	15.83	17.53	11180	6025	0.483	0.161 #
Total Aroclor-1254			22031	14006	0.841	0.460
Average Aroclor-1254					0.280	0.153
23) L7 Aroclor-1260	13.93	18.18	10457	9910	0.365	0.330
24) L7 Aroclor-1260 {2}	14.71	18.50	11689	11247	0.381	0.341
25) L7 Aroclor-1260 {3}	17.93	21.91	18342	16702	0.482	0.358 #
Total Aroclor-1260			40488	37859	1.228	1.029
Average Aroclor-1260					0.409	0.343
26) L8 Aroclor-1268	18.87	23.35	5149	3547	NoCal	NoCal
27) L8 Aroclor-1268 {2}	19.04	23.54	11154	2585	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.83	0.00	4792	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

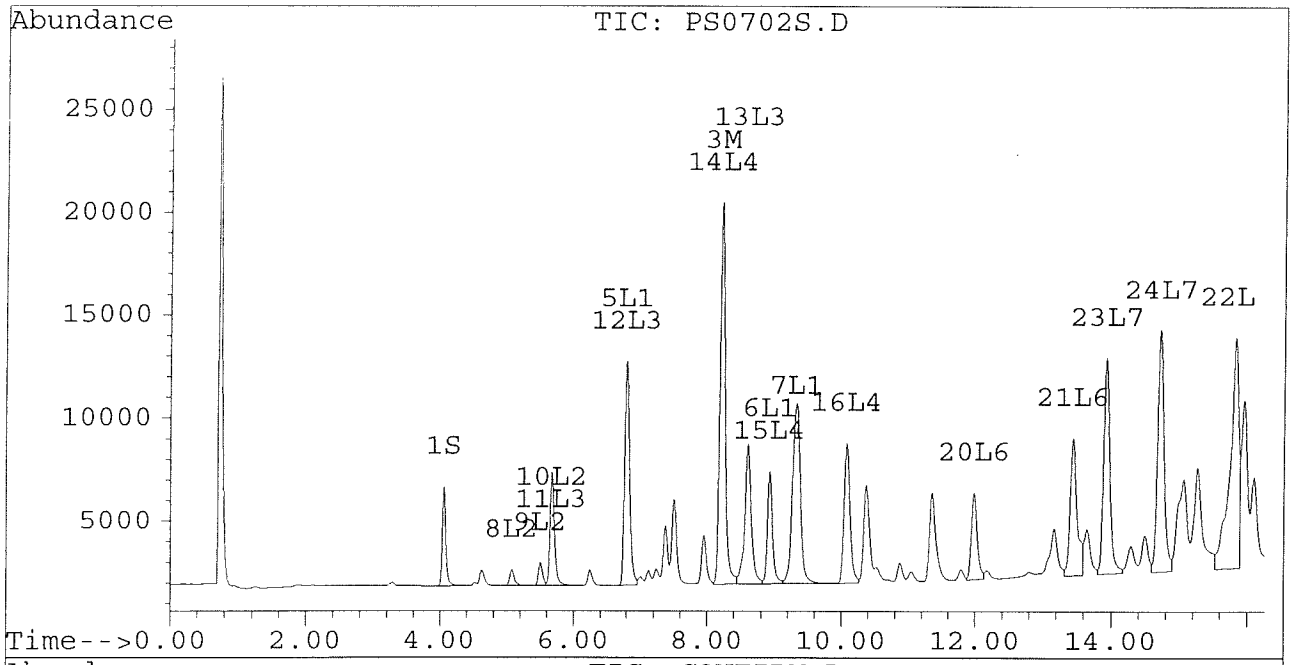
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

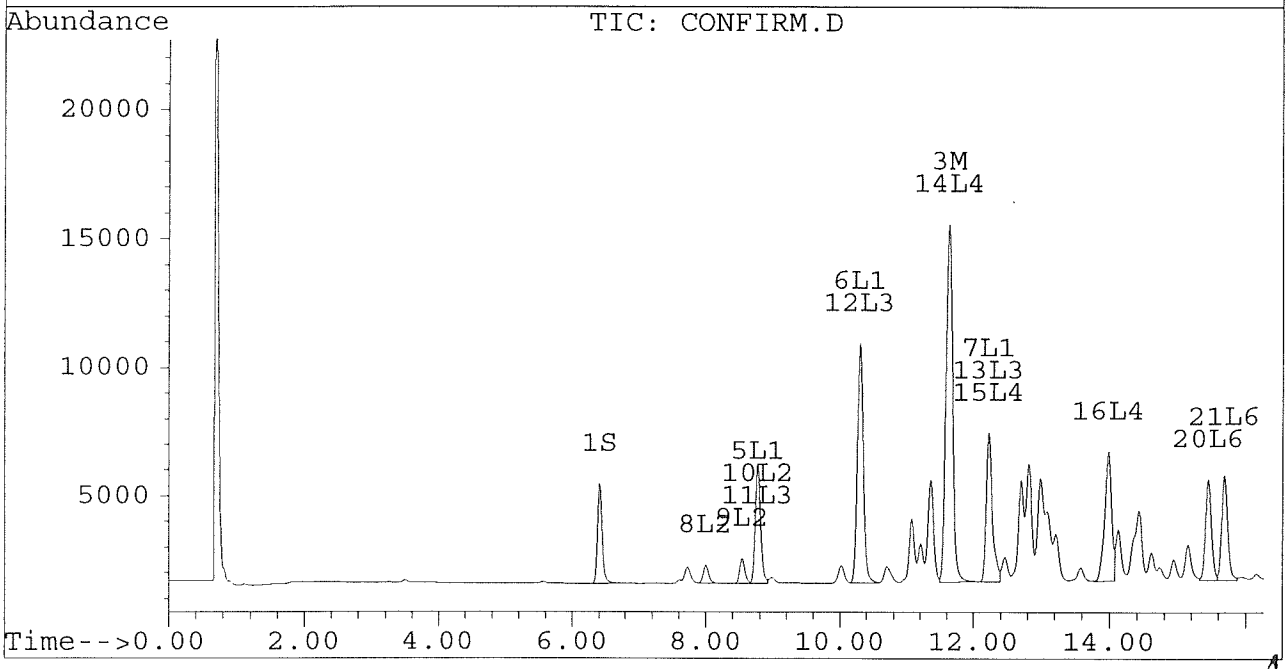
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702S.D Vial: 67
Signal #2 : D:\HPCHEM\5\JL02\PS0702S.D\CONFIRM.D
Acq On : 04 Jul 96 02:26 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 4 3:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





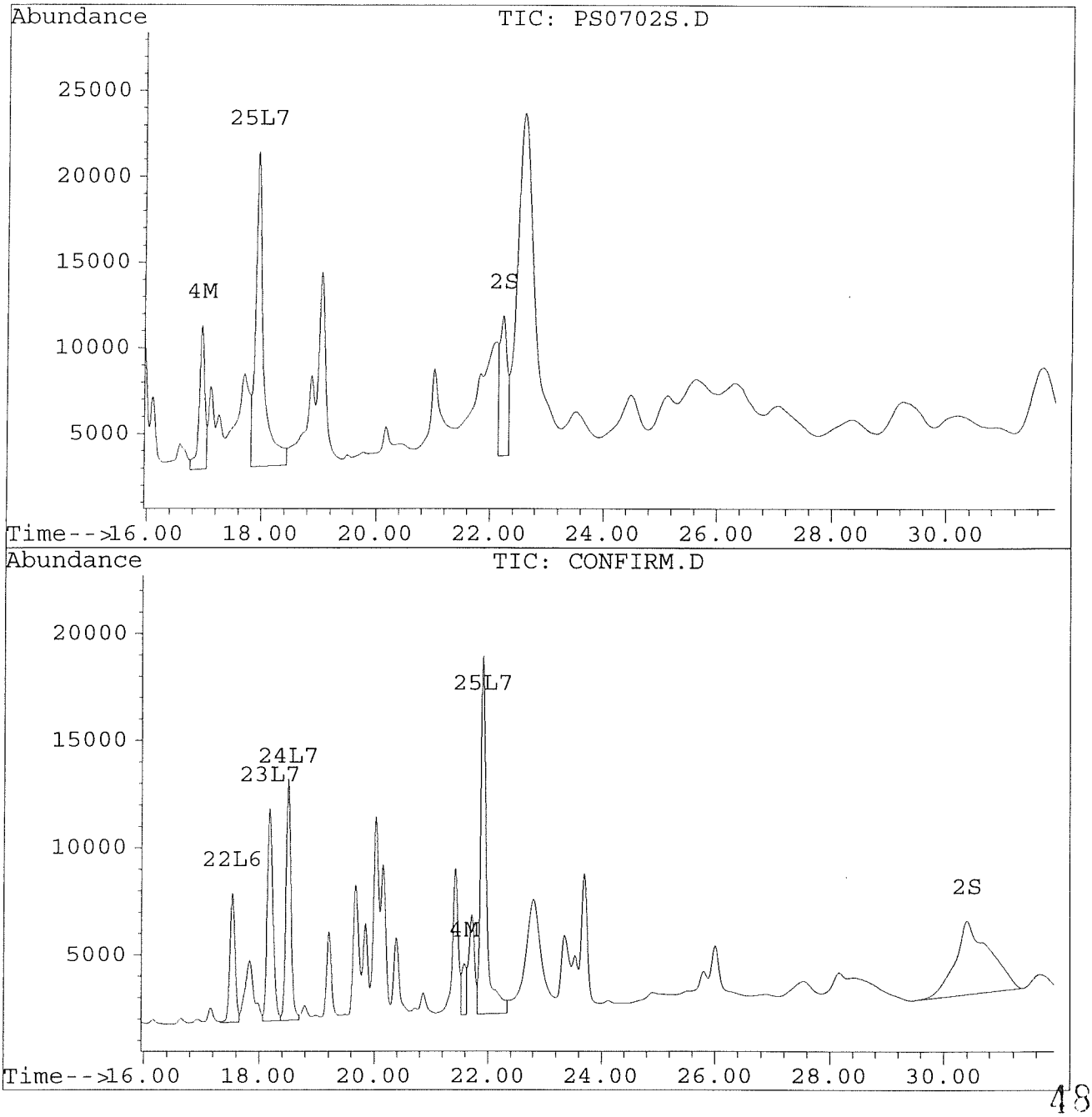
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702S.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702S.D\CONFIRM.D
Acq On : 04 Jul 96 02:26 AM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 4 3:00 1996

Vial: 67
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702T.D Vial: 68
Signal #2 : D:\HPCHEM\5\JL02\PS0702T.D\CONFIRM.D
Acq On : 04 Jul 96 03:02 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 4 3:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.41	4492	3756	0.020	0.020	
				Recovery	=	50.00%	50.00%	
2) S	Decachlorobiphenyl	22.24	30.40	4948	1723	0.024	0.021	
				Recovery	=	60.00%	52.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.62	309	252	0.003	0.002	
4) M	2,2',3,3',4,4'-Hexa	16.96	21.56	2723	2395	0.030	0.018	#
5) L1	Aroclor-1016	6.80	8.77	176	67	0.006	0.005	
6) L1	Aroclor-1016 (2)	8.94	10.30	91	164	0.006	0.006	
7) L1	Aroclor-1016 (3)	9.29	12.23	5684	83	0.232	0.005	#
Total	Aroclor-1016			5952	315	0.244	0.016	
Average	Aroclor-1016					0.081	0.005	
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9) L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.	
10) L2	Aroclor-1221 (3)	5.68	8.77	76	67	0.005	0.007	
Total	Aroclor-1221			76	67	0.005	0.007	
Average	Aroclor-1221					0.005	0.007	
11) L3	Aroclor-1232	5.68	8.77	76	67	0.006	0.007	
12) L3	Aroclor-1232 (2)	6.80	10.30	176	164	0.020	0.022	
13) L3	Aroclor-1232 (3)	8.60	12.23	116	83	0.022	0.019	
Total	Aroclor-1232			368	315	0.049	0.049	
Average	Aroclor-1232					0.016	0.016	
14) L4	Aroclor-1242	8.22	11.62	309	252	0.008	0.009	
15) L4	Aroclor-1242 (2)	8.94	12.23	91	83	0.008	0.007	
16) L4	Aroclor-1242 (3)	10.07	13.99	2670	2472	0.182	0.198	
Total	Aroclor-1242			3071	2807	0.199	0.213	
Average	Aroclor-1242					0.066	0.071	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702T.D Vial: 68
Signal #2 : D:\HPCHEM\5\JL02\PS0702T.D\CONFIRM.D
Acq On : 04 Jul 96 03:02 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 4 3:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	11.99	15.45	9441	8688	0.353	0.337	
21) L6	Aroclor-1254 {2}	13.43	15.69	12579	9252	0.380	0.333	
22) L6	Aroclor-1254 {3}	15.83	17.55	8834	12906	0.382	0.345	
Total	Aroclor-1254			30853	30845	1.115	1.016	
Average	Aroclor-1254					0.372	0.339	
23) L7	Aroclor-1260	13.93	18.18	5813	4923	0.203	0.164	
24) L7	Aroclor-1260 {2}	14.71	18.50	5101	5327	0.166	0.162	
25) L7	Aroclor-1260 {3}	17.93	21.92	1896	1623	0.050	0.035	#
Total	Aroclor-1260			12810	11873	0.419	0.360	
Average	Aroclor-1260					0.140	0.120	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	19.06f	0.00	1779	0	NoCal	N.D.	
28) L8	Aroclor-1268 {3}	21.82	0.00	1581	0	NoCal	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

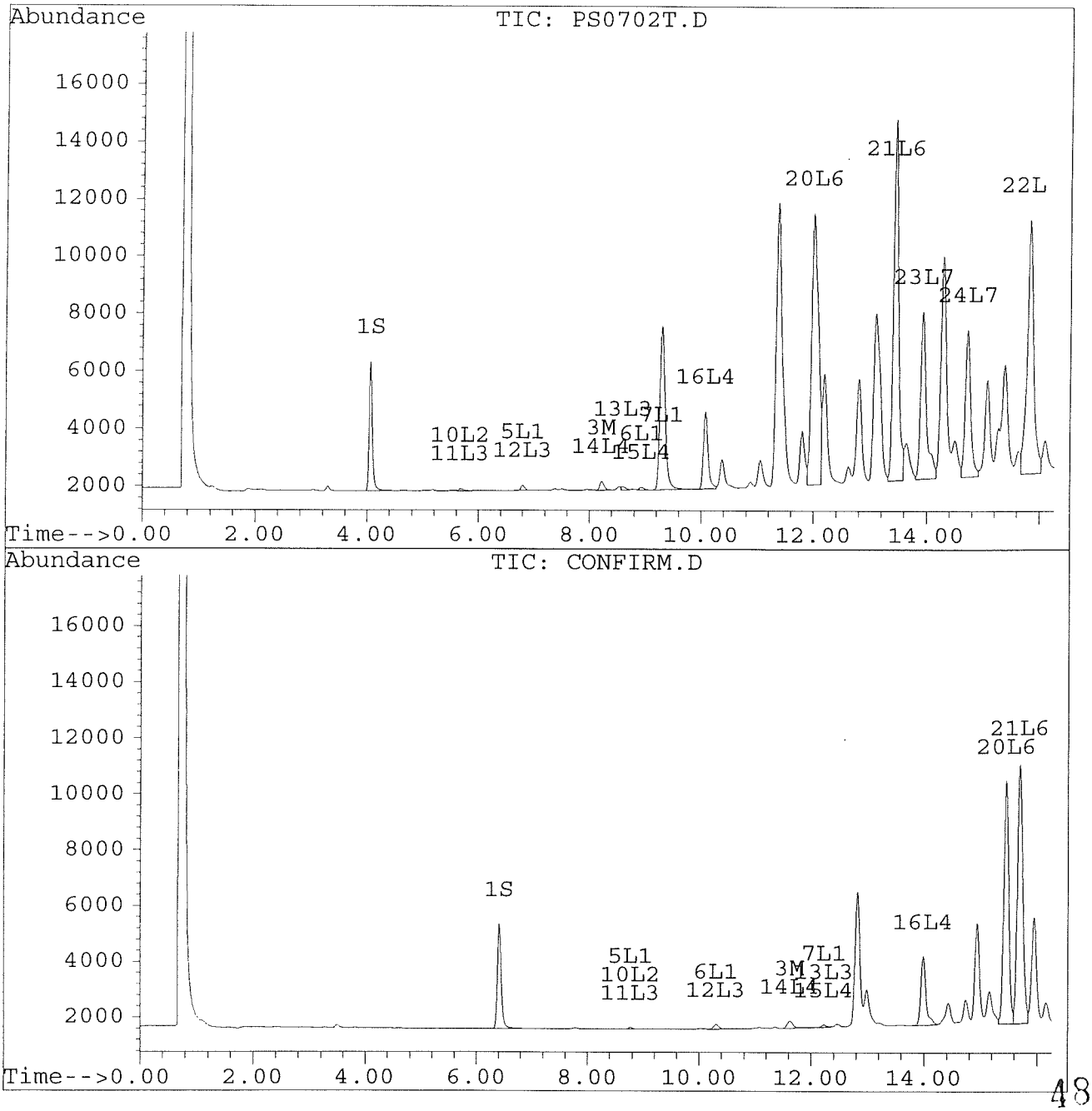
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702T.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702T.D\CONFIRM.D
Acq On : 04 Jul 96 03:02 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 4 3:35 1996

Vial: 68
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

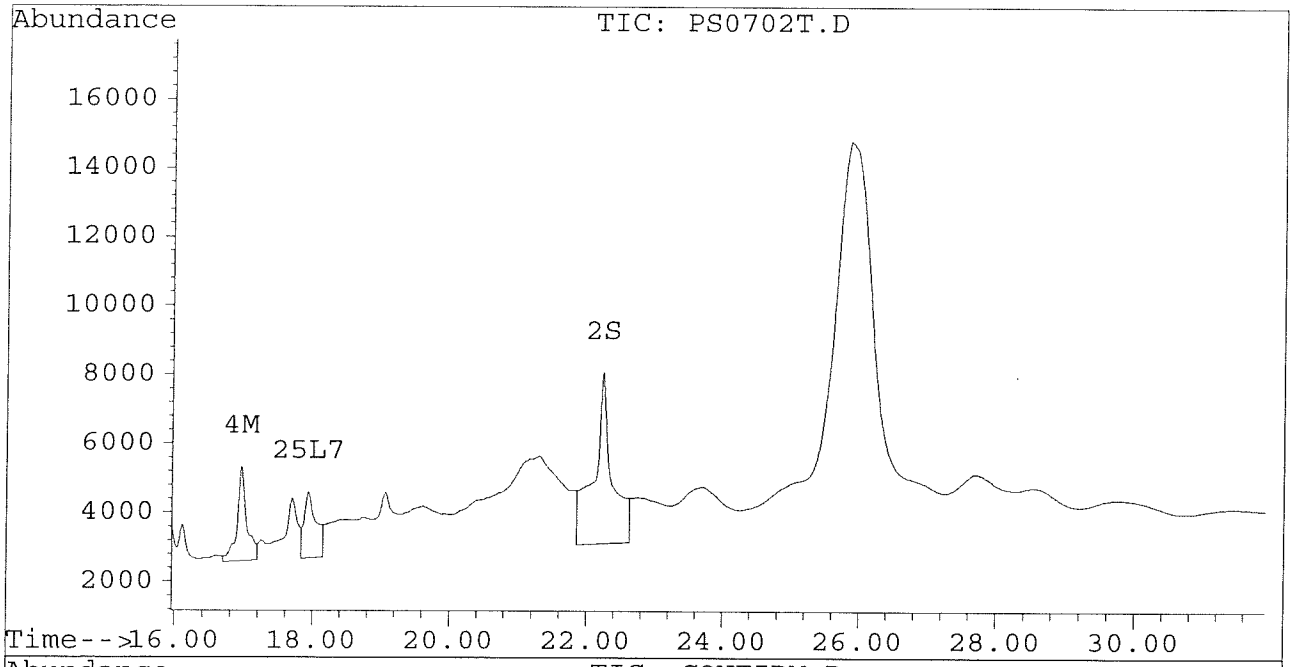
Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

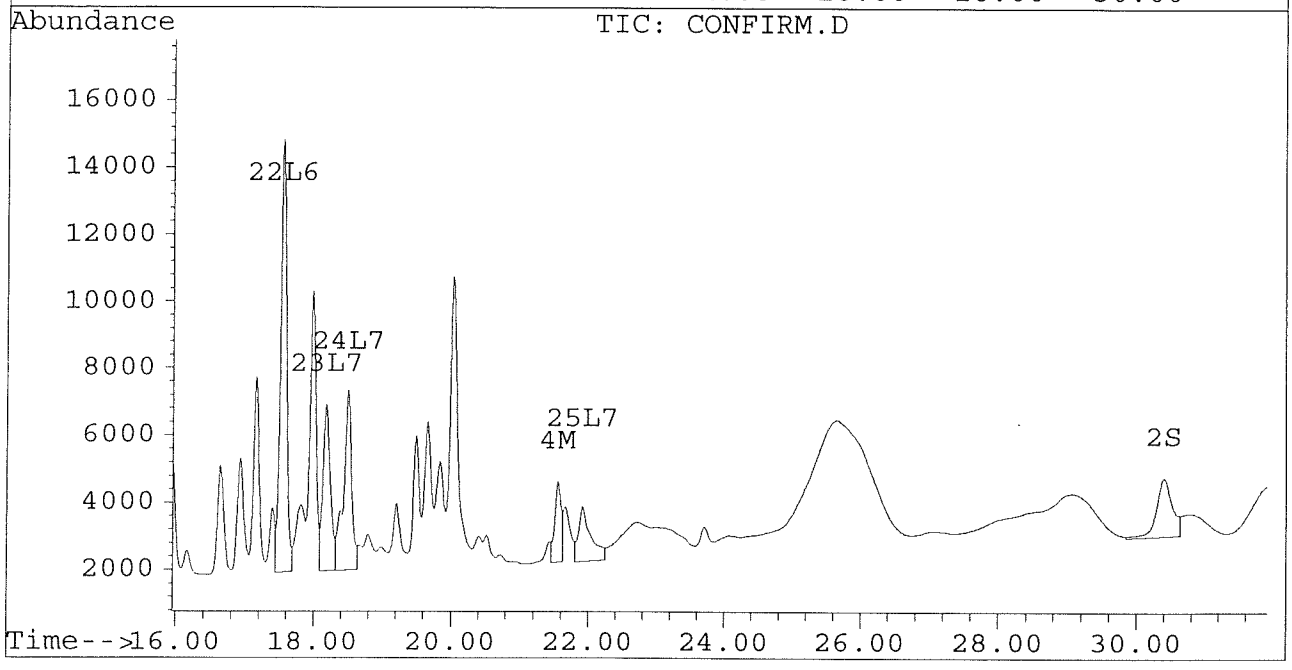


Signal #1 : D:\HPCHEM\5\JL02\PS0702T.D Vial: 68
Signal #2 : D:\HPCHEM\5\JL02\PS0702T.D\CONFIRM.D
Acq On : 04 Jul 96 03:02 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 4 3:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702U.D Vial: 69
Signal #2 : D:\HPCHEM\5\JL02\PS0702U.D\CONFIRM.D
Acq On : 04 Jul 96 03:37 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 4 4:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.41	4459	3698	0.020	0.020
			Recovery	=	50.00%	50.00%
2) S Decachlorobiphenyl	22.24	0.00	3900	0	0.019	N.D. #
			Recovery	=	47.50%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.22	11.63	12986	10072	0.128	0.099
4) M 2,2',3,3',4,4'-Hexa	17.01	0.00	305	0	0.003	N.D. #
5) L1 Aroclor-1016	6.80	8.77	7861	3897	0.257	0.296
6) L1 Aroclor-1016 (2)	8.93	10.30	3771	6891	0.251	0.257
7) L1 Aroclor-1016 (3)	9.33	12.22	6230	4324	0.254	0.260
Total Aroclor-1016			17862	15112	0.762	0.813
Average Aroclor-1016					0.254	0.271
8) L2 Aroclor-1221	5.08	8.00	689	626	0.142	0.149
9) L2 Aroclor-1221 (2)	5.50	8.54	966	848	0.238	0.252
10) L2 Aroclor-1221 (3)	5.67	8.77	4549	3897	0.328	0.380
Total Aroclor-1221			6204	5372	0.708	0.781
Average Aroclor-1221					0.236	0.260
11) L3 Aroclor-1232	5.67	8.77	4549	3897	0.379	0.429
12) L3 Aroclor-1232 (2)	6.80	10.30	7861	6891	0.902	0.920
13) L3 Aroclor-1232 (3)	8.61	12.22	4781	4324	0.910	1.009
Total Aroclor-1232			17191	15112	2.191	2.358
Average Aroclor-1232					0.730	0.786
14) L4 Aroclor-1242	8.22	11.63	12986	10072	0.346	0.345
15) L4 Aroclor-1242 (2)	8.93	12.22	3771	4324	0.340	0.344
16) L4 Aroclor-1242 (3)	10.08	13.98	5061	4199	0.346	0.336
Total Aroclor-1242			21819	18596	1.032	1.025
Average Aroclor-1242					0.344	0.342
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702U.D Vial: 69
Signal #2 : D:\HPCHEM\5\JL02\PS0702U.D\CONFIRM.D
Acq On : 04 Jul 96 03:37 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 4 4:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

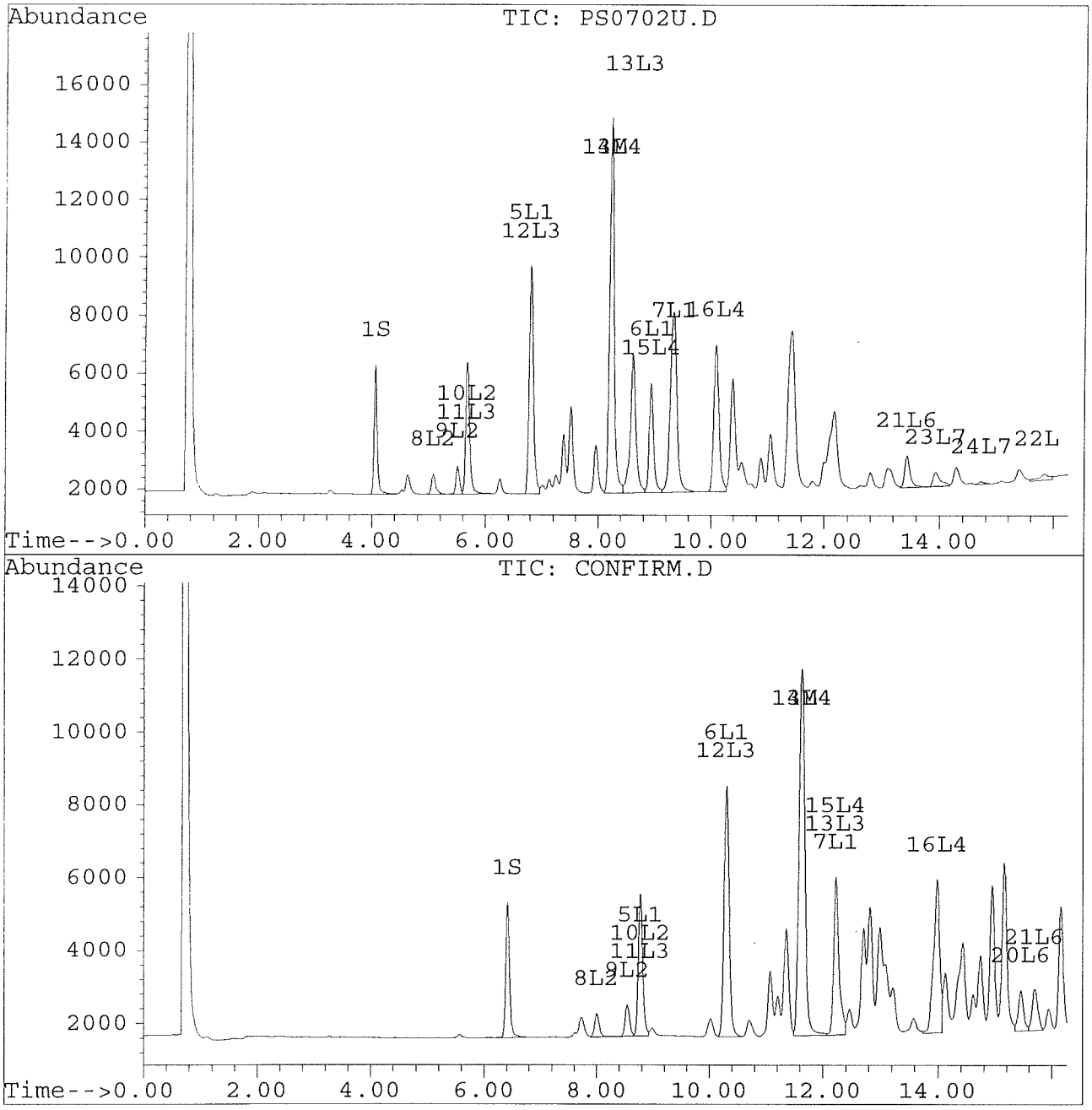
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.45	0	1099	N.D.	0.043 #
21) L6	Aroclor-1254 {2}	13.44	15.69	1098	1140	0.033	0.041
22) L6	Aroclor-1254 {3}	15.84	17.55	201	1284	0.009	0.034 #
Total	Aroclor-1254			1299	3522	0.042	0.118
Average	Aroclor-1254					0.021	0.039
23) L7	Aroclor-1260	13.93	18.18	500	124	0.017	0.004 #
24) L7	Aroclor-1260 {2}	14.72	18.50	85	170	0.003	0.005 #
25) L7	Aroclor-1260 {3}	17.94	0.00	168	0	0.004	N.D. #
Total	Aroclor-1260			753	294	0.025	0.009
Average	Aroclor-1260					0.008	0.005
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702U.D Vial: 69
Signal #2 : D:\HPCHEM\5\JL02\PS0702U.D\CONFIRM.D
Acq On : 04 Jul 96 03:37 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 4 4:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702U.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702U.D\CONFIRM.D
Acq On : 04 Jul 96 03:37 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 4 4:11 1996

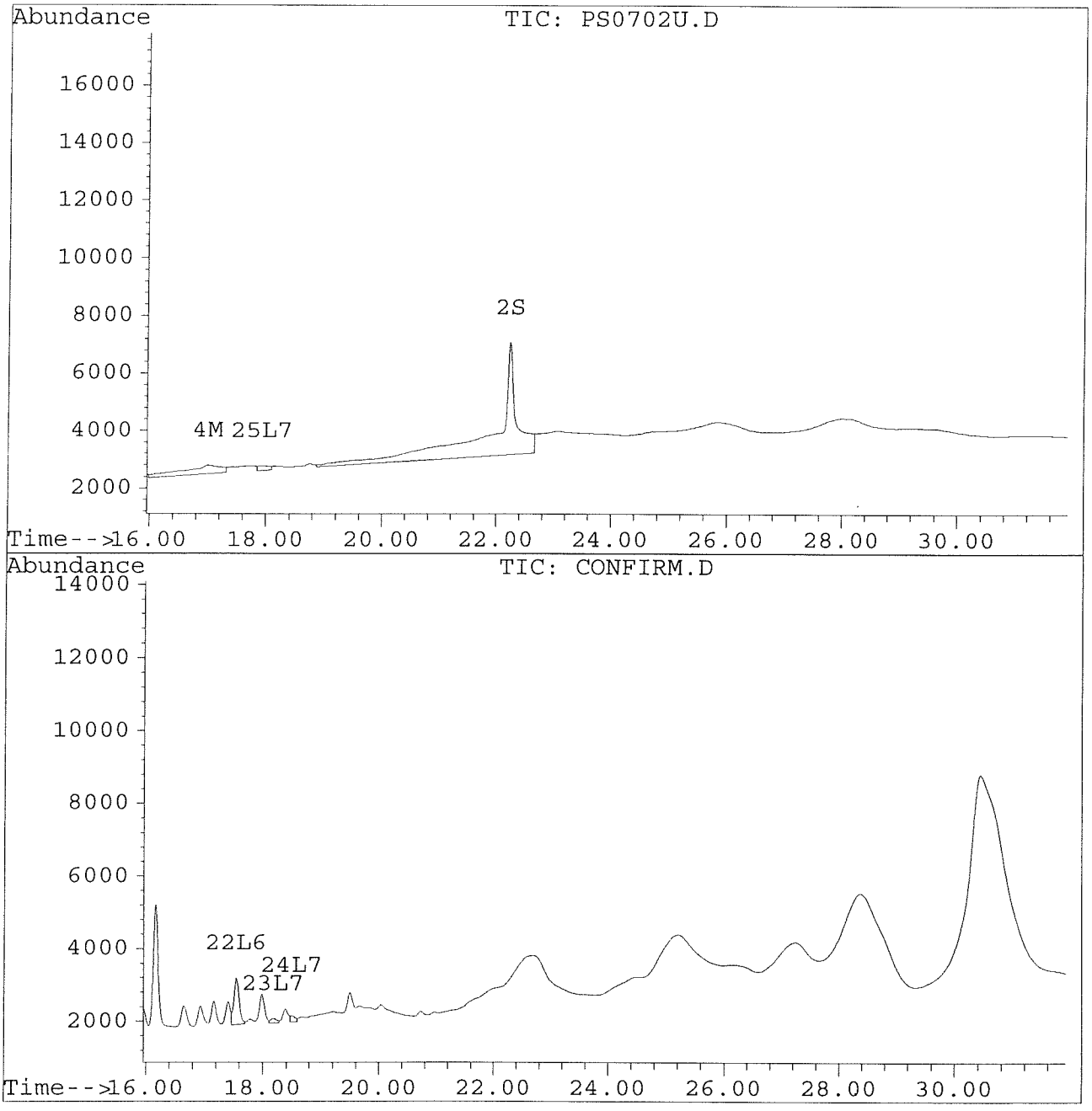
Vial: 69

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702V.D Vial: 77
Signal #2 : D:\HPCHEM\5\JL02\PS0702V.D\CONFIRM.D
Acq On : 05 Jul 96 09:34 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 5 10:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.07	6.40	3625	3310	0.016	0.018	
				Recovery	=	40.00%	45.00%	
2) S	Decachlorobiphenyl	22.25	30.37	60713	1448	0.299	0.018	#
				Recovery	=	747.50%	45.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.23	11.62	14659	11686	0.144	0.115	
4) M	2,2',3,3',4,4'-Hexa	16.96	21.58	23808	2807	0.258	0.021	#
5) L1	Aroclor-1016	6.81	8.76	8895	4005	0.291	0.304	
6) L1	Aroclor-1016 {2}	8.95	10.29	4489	8224	0.298	0.306	
7) L1	Aroclor-1016 {3}	9.34	12.22	7212	4862	0.295	0.292	
Total	Aroclor-1016			20596	17091	0.884	0.903	
Average	Aroclor-1016					0.295	0.301	
8) L2	Aroclor-1221	5.09	7.98	651	616	0.135	0.147	
9) L2	Aroclor-1221 {2}	5.52	8.53	974	897	0.240	0.267	
10) L2	Aroclor-1221 {3}	5.69	8.76	4512	4005	0.325	0.390	
Total	Aroclor-1221			6136	5518	0.699	0.804	
Average	Aroclor-1221					0.233	0.268	
11) L3	Aroclor-1232	5.69	8.76	4512	4005	0.375	0.441	
12) L3	Aroclor-1232 {2}	6.81	10.29	8895	8224	1.020	1.098	
13) L3	Aroclor-1232 {3}	8.62f	12.22	5568	4862	1.060	1.134	
Total	Aroclor-1232			18974	17091	2.456	2.674	
Average	Aroclor-1232					0.819	0.891	
14) L4	Aroclor-1242	8.23	11.62	14659	11686	0.390	0.401	
15) L4	Aroclor-1242 {2}	8.95	12.22	4489	4862	0.405	0.386	
16) L4	Aroclor-1242 {3}	10.09	13.98	5879	4258	0.402	0.341	
Total	Aroclor-1242			25027	20807	1.197	1.128	
Average	Aroclor-1242					0.399	0.376	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702V.D Vial: 77
Signal #2 : D:\HPCHEM\5\JL02\PS0702V.D\CONFIRM.D
Acq On : 05 Jul 96 09:34 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 5 10:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	12.00	15.44	5598	3225	0.209	0.125	#
21) L6	Aroclor-1254 {2}	13.45	15.68	8148	3313	0.246	0.119	#
22) L6	Aroclor-1254 {3}	15.81	17.53	32523	5151	1.405	0.138	#
Total	Aroclor-1254			46269	11690	1.861	0.382	
Average	Aroclor-1254					0.620	0.127	
23) L7	Aroclor-1260	13.94	18.17	13709	8596	0.479	0.286	#
24) L7	Aroclor-1260 {2}	14.71	18.50	29372	9515	0.957	0.289	#
25) L7	Aroclor-1260 {3}	17.93	21.91	24374	14022	0.640	0.300	#
Total	Aroclor-1260			67454	32133	2.076	0.876	
Average	Aroclor-1260					0.692	0.292	
26) L8	Aroclor-1268	0.00	23.35	0	3663	N.D.	NoCal	
27) L8	Aroclor-1268 {2}	19.04	23.53	33902	2823	NoCal	NoCal	
28) L8	Aroclor-1268 {3}	0.00	28.12	0	1778	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.

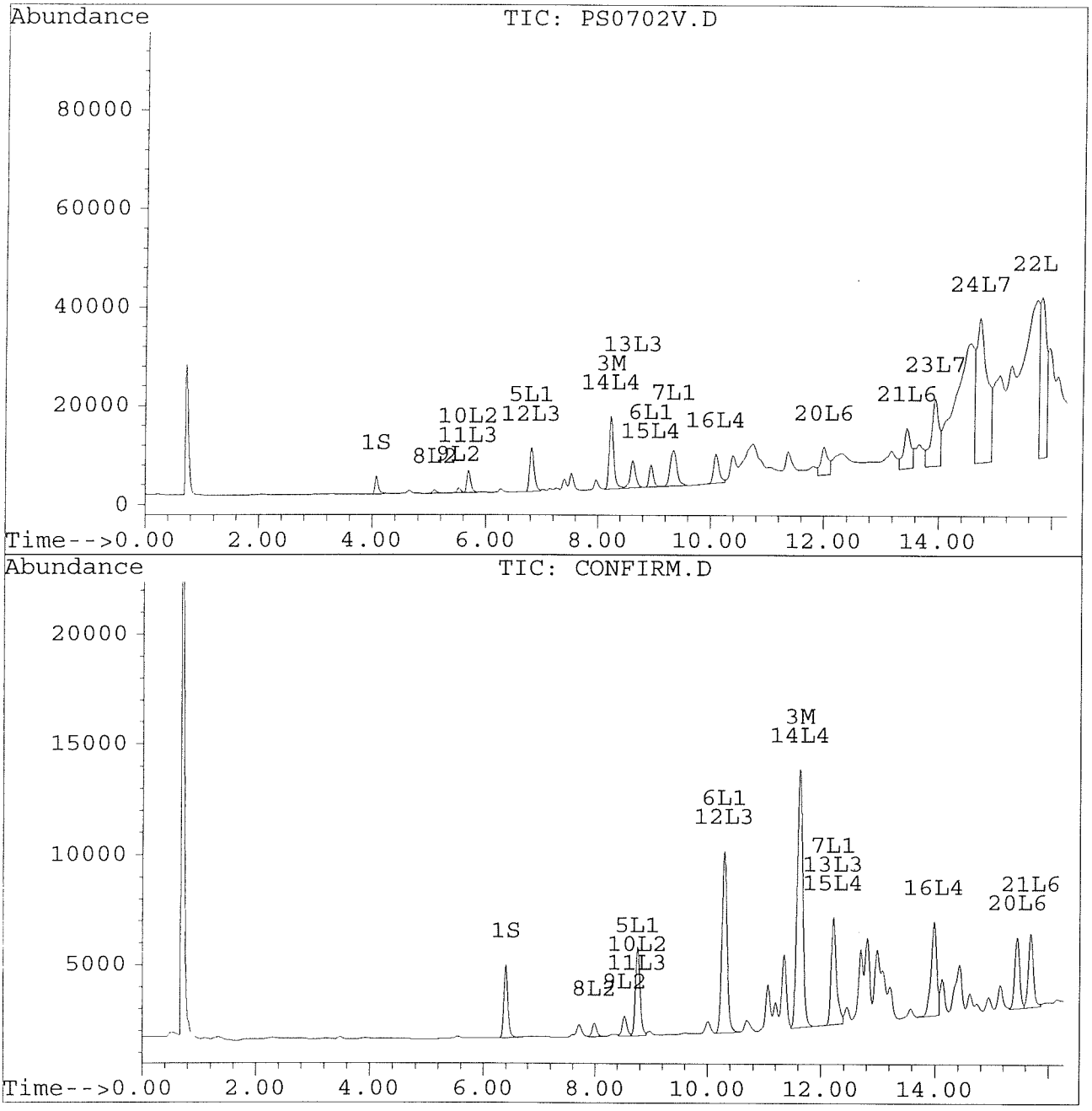
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702V.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702V.D\CONFIRM.D
Acq On : 05 Jul 96 09:34 AM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 5 10:08 1996

Vial: 77
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
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\JL02\PS0702V.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702V.D\CONFIRM.D
Acq On : 05 Jul 96 09:34 AM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 5 10:08 1996

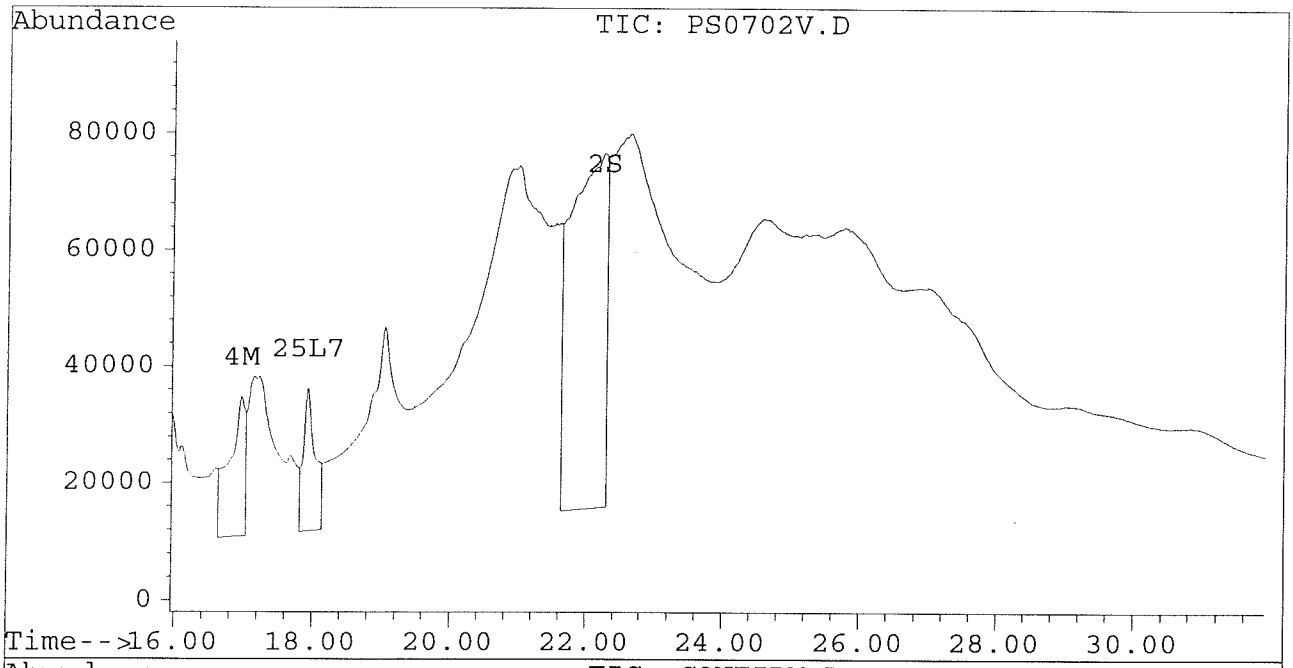
Vial: 77

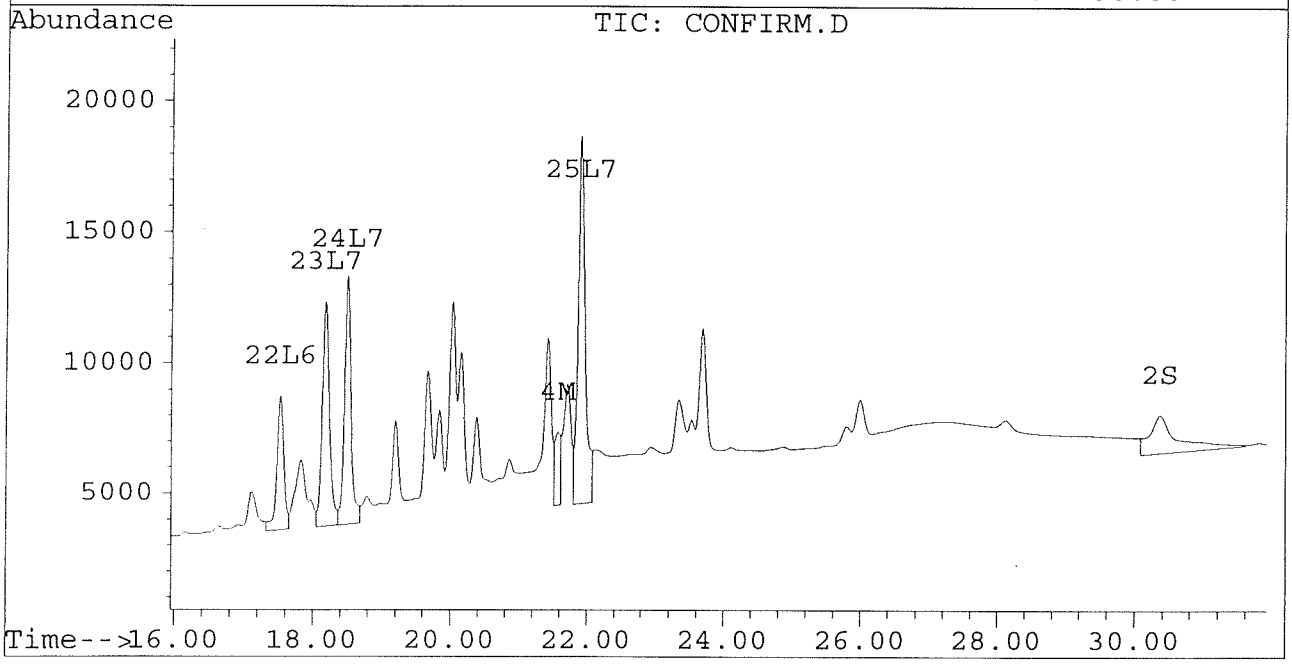
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702W.D Vial: 78
Signal #2 : D:\HPCHEM\5\JL02\PS0702W.D\CONFIRM.D
Acq On : 05 Jul 96 10:10 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 5 10:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.06	6.42	4025	3566	0.018	0.019	
					Recovery	=	45.00%	47.50%	
2)	S	Decachlorobiphenyl	22.24	30.38	13580	979	0.067	0.012	#
					Recovery	=	167.50%	30.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.63	277	213	0.003	0.002	
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.56	3260	2328	0.035	0.017	#
5)	L1	Aroclor-1016	6.80	8.78	150	59	0.005	0.004	
6)	L1	Aroclor-1016 {2}	8.94	10.30	77	144	0.005	0.005	
7)	L1	Aroclor-1016 {3}	9.30	12.23	5222	64	0.213	0.004	#
		Total Aroclor-1016			5448	267	0.223	0.014	
		Average Aroclor-1016					0.074	0.005	
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10)	L2	Aroclor-1221 {3}	5.68	8.78	62	59	0.004	0.006	#
		Total Aroclor-1221			62	59	0.004	0.006	
		Average Aroclor-1221					0.004	0.006	
11)	L3	Aroclor-1232	5.68	8.78	62	59	0.005	0.007	#
12)	L3	Aroclor-1232 {2}	6.80	10.30	150	144	0.017	0.019	
13)	L3	Aroclor-1232 {3}	8.61	12.23	100	64	0.019	0.015	
		Total Aroclor-1232			311	267	0.041	0.041	
		Average Aroclor-1232					0.014	0.014	
14)	L4	Aroclor-1242	8.22	11.63	277	213	0.007	0.007	
15)	L4	Aroclor-1242 {2}	8.94	12.23	77	64	0.007	0.005	#
16)	L4	Aroclor-1242 {3}	10.07	13.99	2453	2203	0.168	0.176	
		Total Aroclor-1242			2807	2480	0.182	0.189	
		Average Aroclor-1242					0.061	0.063	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702W.D Vial: 78
Signal #2 : D:\HPCHEM\5\JL02\PS0702W.D\CONFIRM.D
Acq On : 05 Jul 96 10:10 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 5 10:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	11.99	15.45	8704	7717	0.326	0.300	
21) L6	Aroclor-1254 {2}	13.43	15.69	11801	8371	0.357	0.302	
22) L6	Aroclor-1254 {3}	15.83	17.55	8762	11600	0.379	0.310	
Total	Aroclor-1254			29267	27688	1.061	0.912	
Average	Aroclor-1254					0.354	0.304	
23) L7	Aroclor-1260	13.92	18.18	5404	4055	0.189	0.135	#
24) L7	Aroclor-1260 {2}	14.71	18.50	4726	4364	0.154	0.132	
25) L7	Aroclor-1260 {3}	17.93	21.92	2521	1621	0.066	0.035	#
Total	Aroclor-1260			12651	10040	0.409	0.302	
Average	Aroclor-1260					0.136	0.101	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	19.05	0.00	3389	0	NoCal	N.D.	
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

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

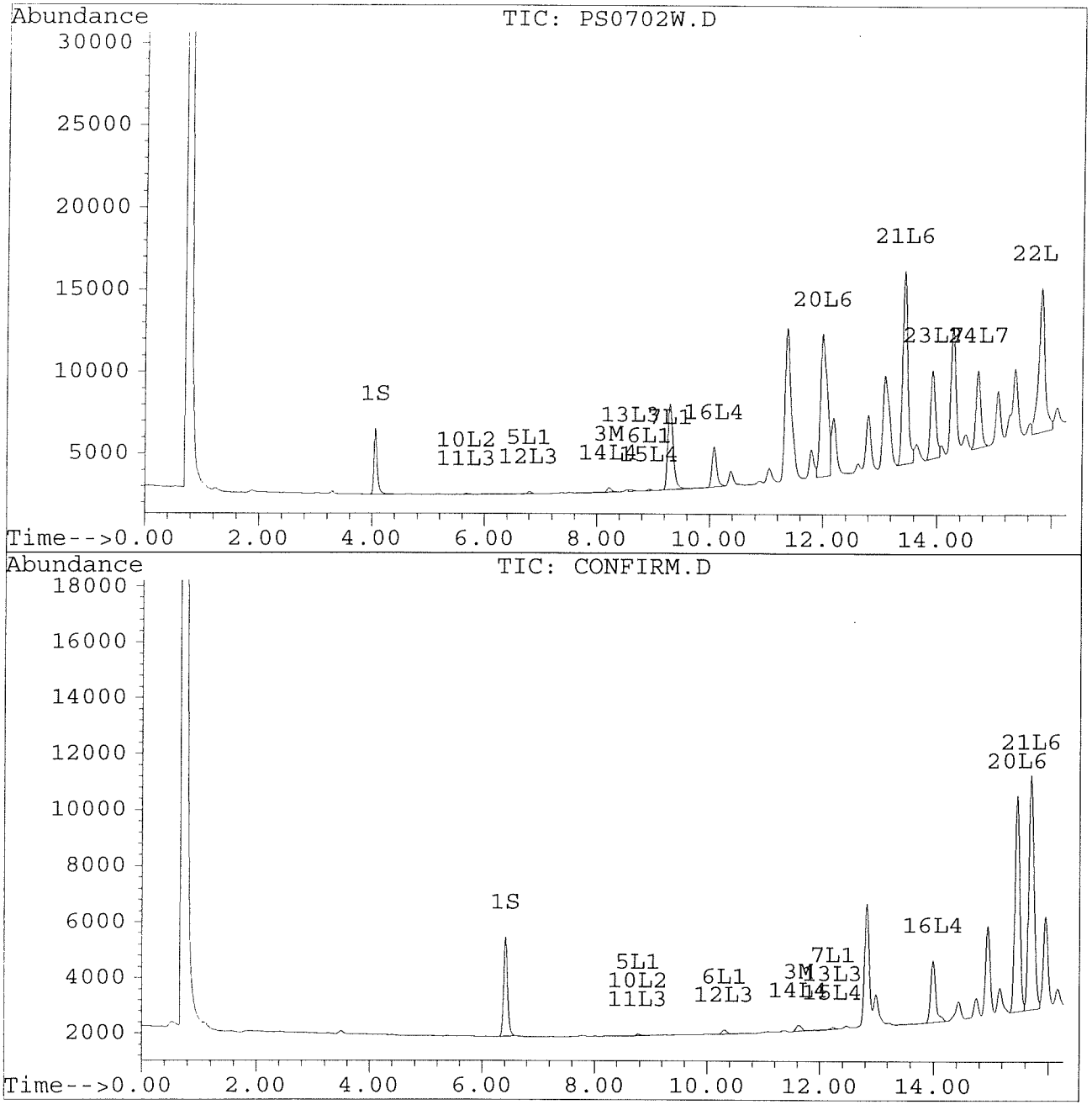
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702W.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702W.D\CONFIRM.D
Acq On : 05 Jul 96 10:10 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 5 10:44 1996

Vial: 78
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702W.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702W.D\CONFIRM.D
Acq On : 05 Jul 96 10:10 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 5 10:44 1996

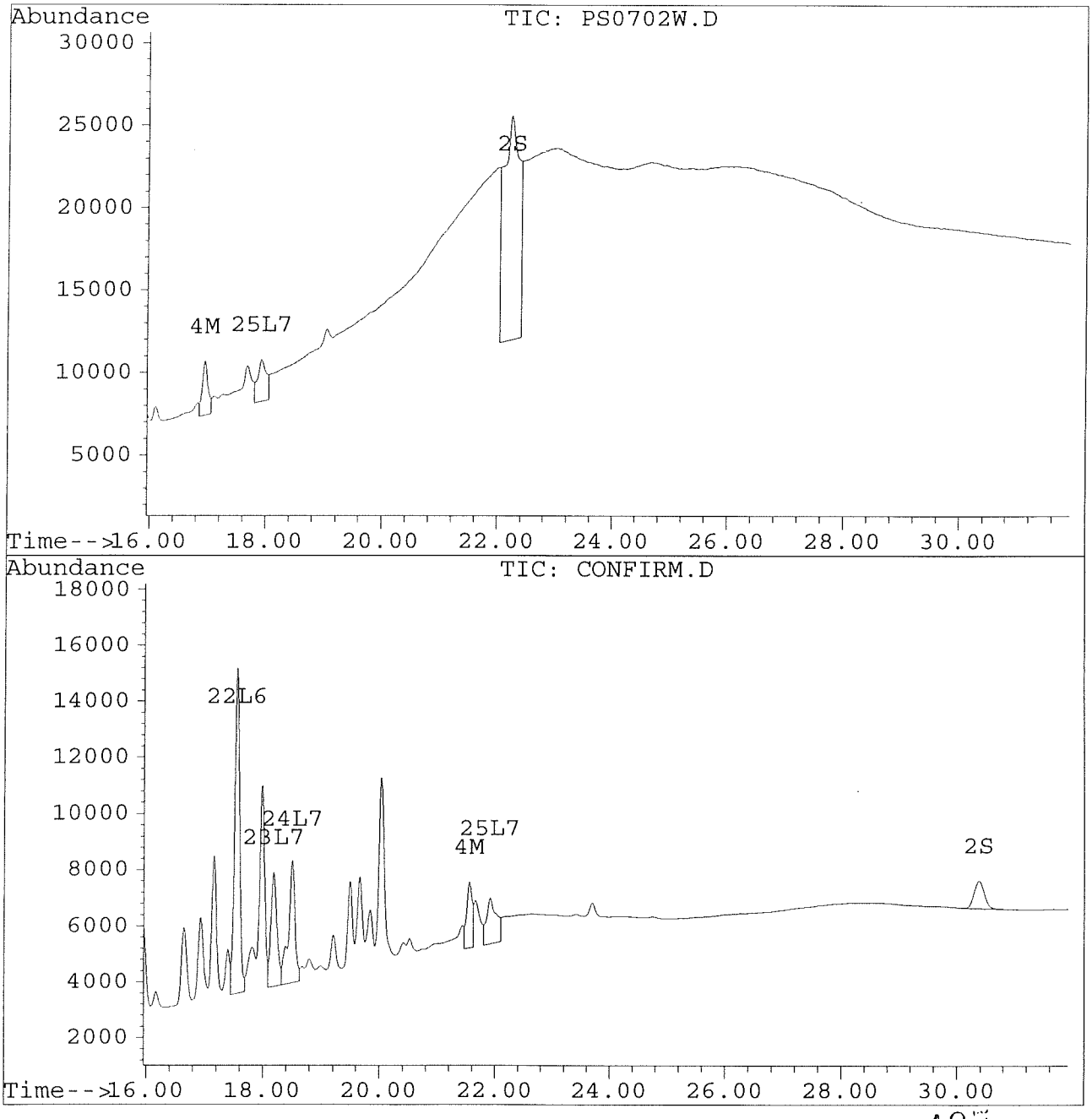
Vial: 78

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702X.D Vial: 79
Signal #2 : D:\HPCHEM\5\JL02\PS0702X.D\CONFIRM.D
Acq On : 05 Jul 96 10:46 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 5 11:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.42	4217	3637	0.019	0.019
					Recovery	=	47.50%	47.50%
2)	S	Decachlorobiphenyl	22.24	30.38	9446	1034	0.047	0.013 #
					Recovery	=	117.50%	32.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.63	12655	9948	0.124	0.098
4)	M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5)	L1	Aroclor-1016	6.80	8.77	7482	3861	0.245	0.293
6)	L1	Aroclor-1016 {2}	8.93	10.30	3644	6726	0.242	0.251
7)	L1	Aroclor-1016 {3}	9.33	12.23	6007	4131	0.245	0.248
		Total Aroclor-1016			17132	14718	0.732	0.792
		Average Aroclor-1016					0.244	0.264
8)	L2	Aroclor-1221	5.08	8.00	645	624	0.133	0.149
9)	L2	Aroclor-1221 {2}	0.00	8.54	0	845	N.D.	0.251 #
10)	L2	Aroclor-1221 {3}	5.67	8.77	4055	3861	0.292	0.376 #
		Total Aroclor-1221			4700	5331	0.426	0.776
		Average Aroclor-1221					0.213	0.259
11)	L3	Aroclor-1232	5.67	8.77	4055	3861	0.337	0.425 #
12)	L3	Aroclor-1232 {2}	6.80	10.30	7482	6726	0.858	0.898
13)	L3	Aroclor-1232 {3}	8.61	12.23	4660	4131	0.887	0.963
		Total Aroclor-1232			16197	14718	2.083	2.287
		Average Aroclor-1232					0.694	0.762
14)	L4	Aroclor-1242	8.22	11.63	12655	9948	0.337	0.341
15)	L4	Aroclor-1242 {2}	8.93	12.23	3644	4131	0.329	0.328
16)	L4	Aroclor-1242 {3}	10.08	13.99	4889	3931	0.334	0.315
		Total Aroclor-1242			21187	18010	1.000	0.984
		Average Aroclor-1242					0.333	0.328
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702X.D Vial: 79
Signal #2 : D:\HPCHEM\5\JL02\PS0702X.D\CONFIRM.D
Acq On : 05 Jul 96 10:46 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 5 11:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.45	0	880	N.D.	0.034 #
21) L6	Aroclor-1254 {2}	13.43	15.70	1124	960	0.034	0.035
22) L6	Aroclor-1254 {3}	15.83	17.55	177	1171	0.008	0.031 #
Total	Aroclor-1254			1302	3011	0.042	0.100
Average	Aroclor-1254					0.021	0.033
23) L7	Aroclor-1260	13.92	18.19	581	284	0.020	0.009 #
24) L7	Aroclor-1260 {2}	14.72	18.50	62	337	0.002	0.010 #
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			643	621	0.022	0.020
Average	Aroclor-1260					0.011	0.010
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

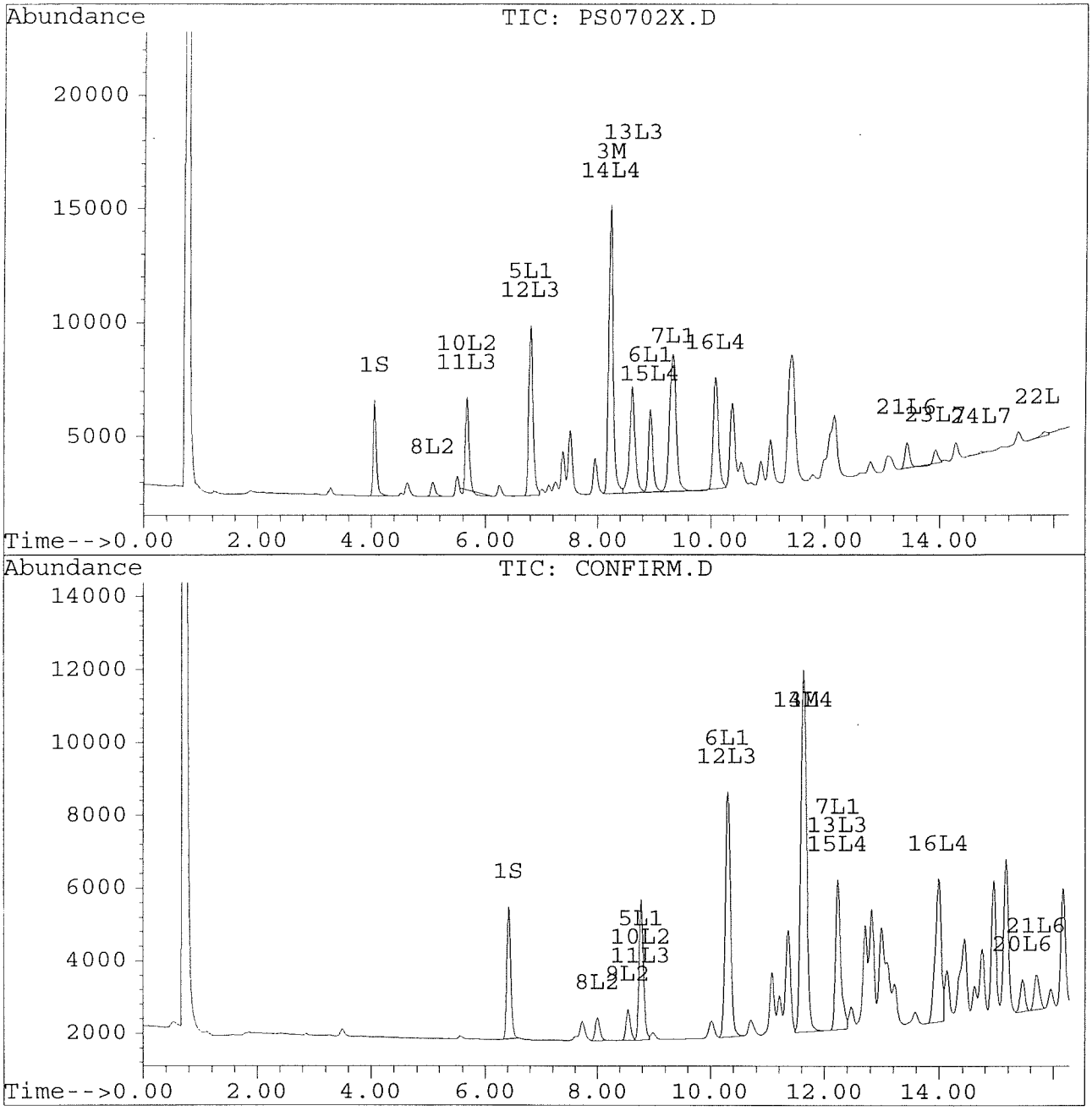
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702X.D Vial: 79
Signal #2 : D:\HPCHEM\5\JL02\PS0702X.D\CONFIRM.D
Acq On : 05 Jul 96 10:46 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 5 11:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



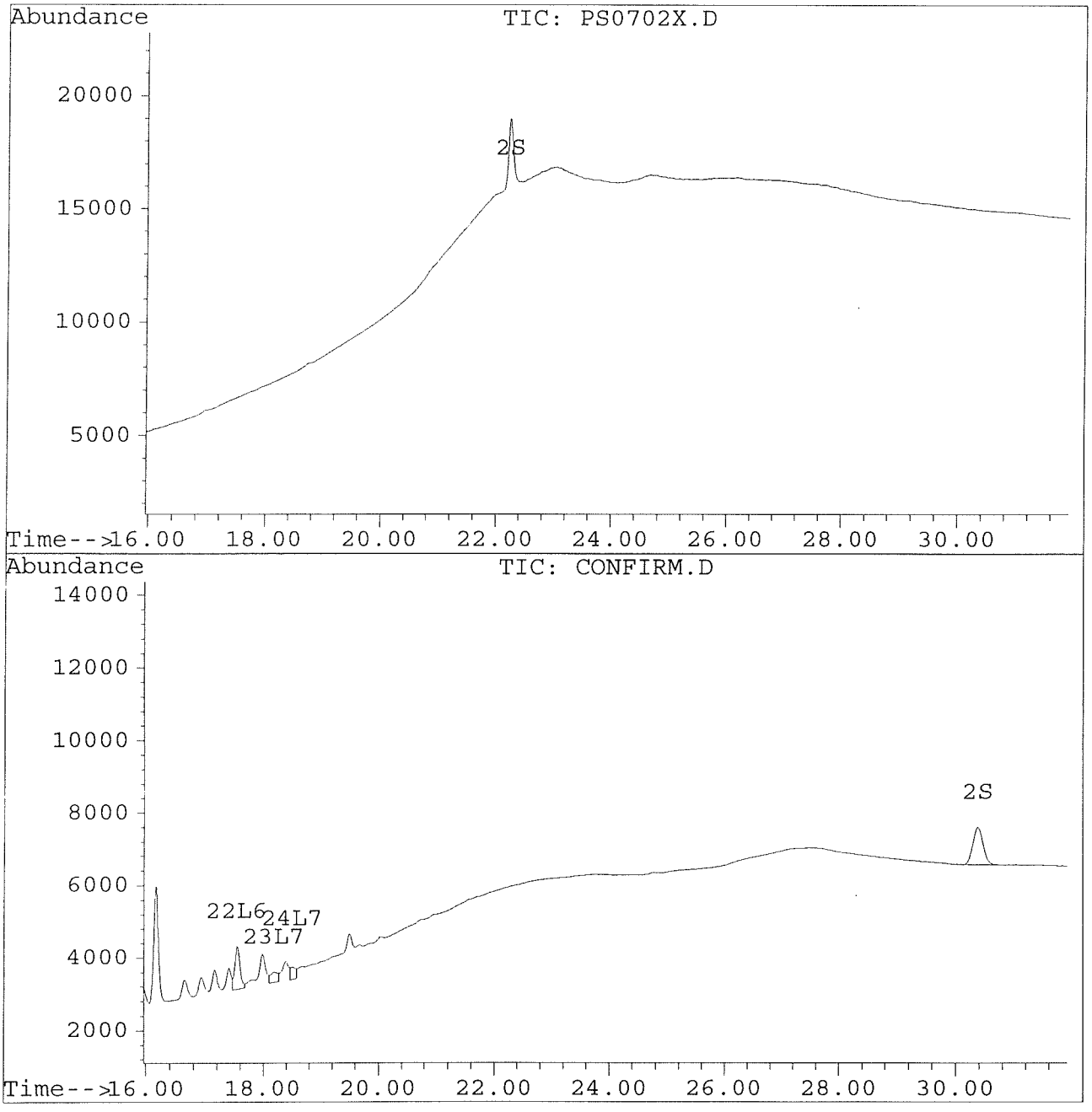
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702X.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702X.D\CONFIRM.D
Acq On : 05 Jul 96 10:46 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 5 11:20 1996

Vial: 79
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705A.D Vial: 1
Signal #2 : D:\HPCHEM\5\JL02\PS0705A.D\CONFIRM.D
Acq On : 05 Jul 96 03:19 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 5 15:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.42	3897	3512	0.017	0.019
				Recovery	=	42.50%	47.50%
2) S	Decachlorobiphenyl	22.24	30.39	20984	1039	0.103	0.013 #
				Recovery	=	257.50%	32.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.64	16267	12976	0.160	0.128
4) M	2,2',3,3',4,4'-Hexa	16.96	21.59	10315	2188	0.112	0.016 #
5) L1	Aroclor-1016	6.81	8.77	9508	4371	0.311	0.332
6) L1	Aroclor-1016 {2}	8.95	10.30	4891	8741	0.325	0.326
7) L1	Aroclor-1016 {3}	9.34	12.23	7797	5399	0.318	0.325
Total	Aroclor-1016			22196	18510	0.955	0.982
Average	Aroclor-1016					0.318	0.327
8) L2	Aroclor-1221	5.09	8.00	681	663	0.141	0.158
9) L2	Aroclor-1221 {2}	0.00	8.54	0	922	N.D.	0.274 #
10) L2	Aroclor-1221 {3}	5.69	8.77	4445	4371	0.320	0.426 #
Total	Aroclor-1221			5127	5956	0.461	0.858
Average	Aroclor-1221					0.231	0.286
11) L3	Aroclor-1232	5.69	8.77	4445	4371	0.370	0.481 #
12) L3	Aroclor-1232 {2}	6.81	10.30	9508	8741	1.091	1.168
13) L3	Aroclor-1232 {3}	8.62	12.23	6068	5399	1.156	1.259
Total	Aroclor-1232			20022	18510	2.616	2.908
Average	Aroclor-1232					0.872	0.969
14) L4	Aroclor-1242	8.23	11.64	16267	12976	0.433	0.445
15) L4	Aroclor-1242 {2}	8.95	12.23	4891	5399	0.442	0.429
16) L4	Aroclor-1242 {3}	10.09	13.99	5983	4723	0.409	0.378
Total	Aroclor-1242			27141	23098	1.283	1.252
Average	Aroclor-1242					0.428	0.417
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705A.D Vial: 1
Signal #2 : D:\HPCHEM\5\JL02\PS0705A.D\CONFIRM.D
Acq On : 05 Jul 96 03:19 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 5 15:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	12.00	15.45	4051	3569	0.152	0.139	
21) L6	Aroclor-1254 {2}	13.45	15.69	6145	3715	0.186	0.134	#
22) L6	Aroclor-1254 {3}	15.83	17.54	14531	5427	0.628	0.145	#
Total	Aroclor-1254			24726	12711	0.965	0.418	
Average	Aroclor-1254					0.322	0.139	
23) L7	Aroclor-1260	13.93	18.18	9773	9282	0.341	0.309	
24) L7	Aroclor-1260 {2}	14.72	18.50	13221	10390	0.431	0.315	#
25) L7	Aroclor-1260 {3}	17.93	21.92	17770	14980	0.467	0.321	#
Total	Aroclor-1260			40764	34651	1.239	0.945	
Average	Aroclor-1260					0.413	0.315	
26) L8	Aroclor-1268	18.87	23.36f	6495	3250	NoCal	NoCal	
27) L8	Aroclor-1268 {2}	19.04	23.55	14842	2355	NoCal	NoCal	
28) L8	Aroclor-1268 {3}	21.83	28.14f	17111	557	NoCal	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.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705A.D
Signal #2 : D:\HPCHEM\5\JL02\PS0705A.D\CONFIRM.D
Acq On : 05 Jul 96 03:19 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 5 15:53 1996

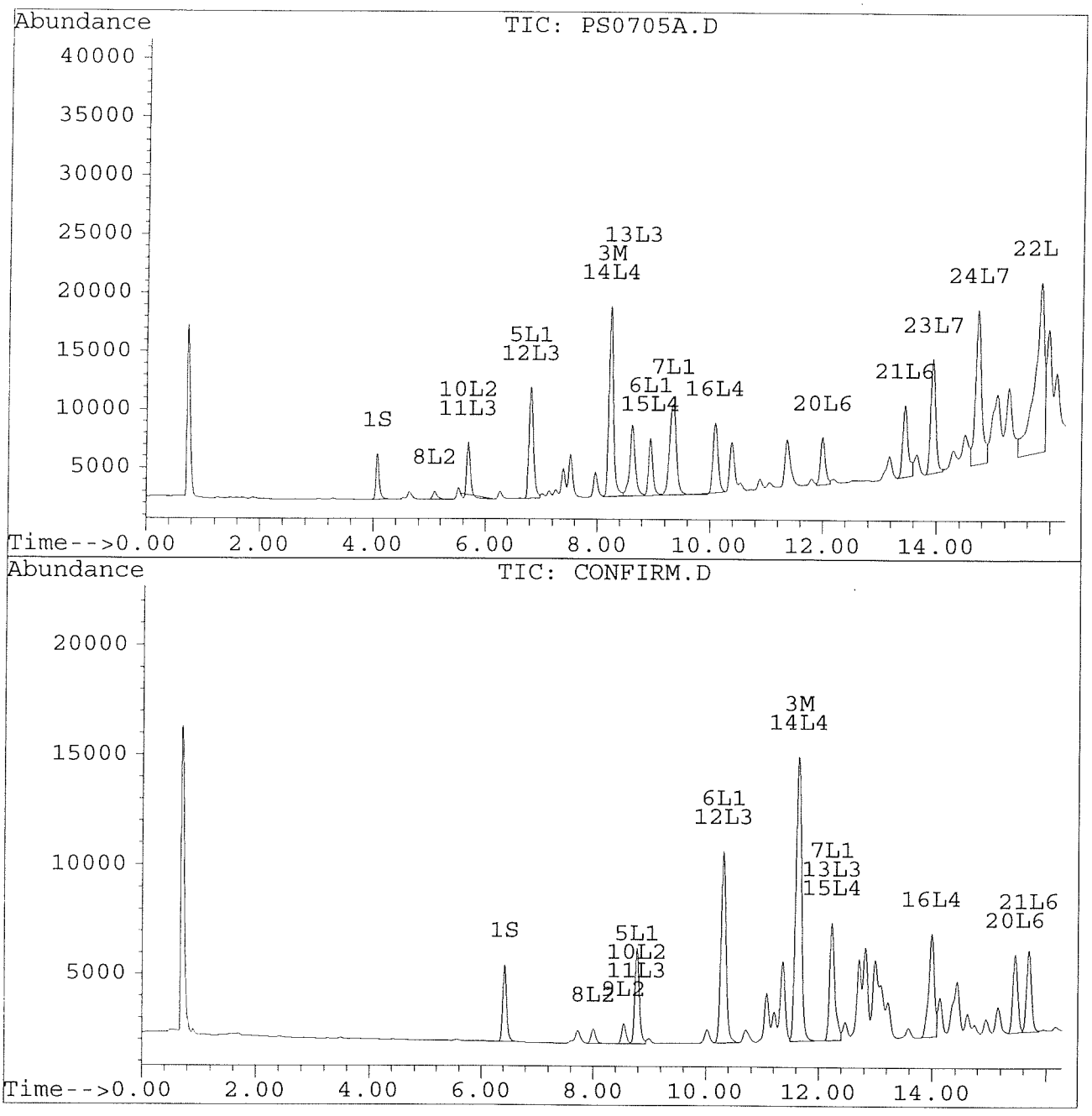
Vial: 1

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



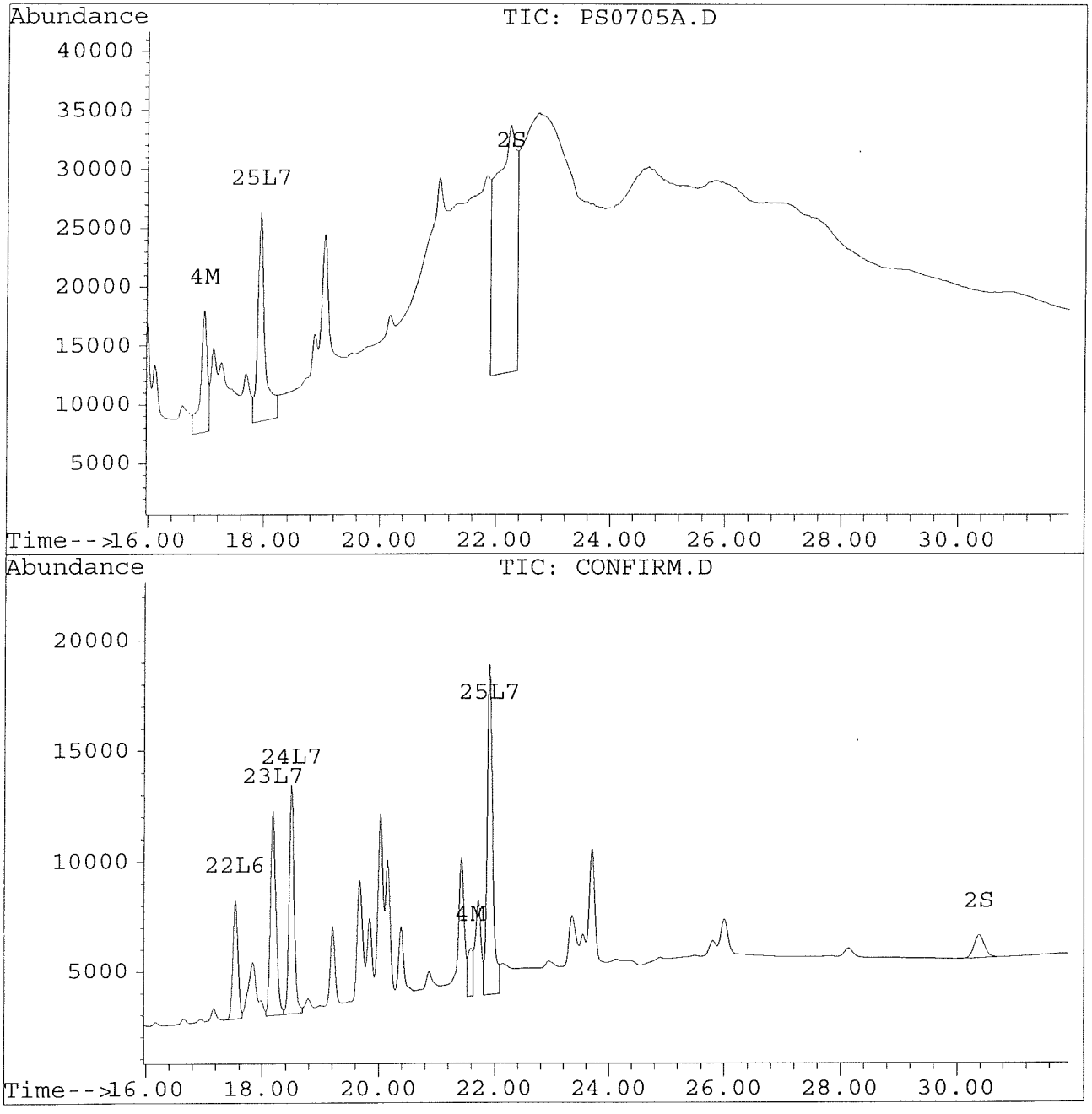
504

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705A.D Vial: 1
Signal #2 : D:\HPCHEM\5\JL02\PS0705A.D\CONFIRM.D
Acq On : 05 Jul 96 03:19 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 5 15:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL02\PS0705B.D\CONFIRM.D
Acq On : 05 Jul 96 03:55 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 5 16:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.06	6.42	4457	3841	0.020	0.021	
				Recovery	=	50.00%	52.50%	
2) S	Decachlorobiphenyl	22.24	30.38	10530	1149	0.052	0.014	#
				Recovery	=	130.00%	35.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.63	300	238	0.003	0.002	
4) M	2,2',3,3',4,4'-Hexa	16.95	21.56	3033	2181	0.033	0.016	#
5) L1	Aroclor-1016	6.80	8.78	165	65	0.005	0.005	
6) L1	Aroclor-1016 {2}	8.93	10.30	87	155	0.006	0.006	
7) L1	Aroclor-1016 {3}	9.29f	12.23	5470	67	0.223	0.004	#
Total	Aroclor-1016			5722	287	0.235	0.015	
Average	Aroclor-1016					0.078	0.005	
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10) L2	Aroclor-1221 {3}	5.68	8.78	71	65	0.005	0.006	
Total	Aroclor-1221			71	65	0.005	0.006	
Average	Aroclor-1221					0.005	0.006	
11) L3	Aroclor-1232	5.68	8.78	71	65	0.006	0.007	
12) L3	Aroclor-1232 {2}	6.80	10.30	165	155	0.019	0.021	
13) L3	Aroclor-1232 {3}	8.60	12.23	106	67	0.020	0.016	
Total	Aroclor-1232			341	287	0.045	0.044	
Average	Aroclor-1232					0.015	0.015	
14) L4	Aroclor-1242	8.22	11.63	300	238	0.008	0.008	
15) L4	Aroclor-1242 {2}	8.93	12.23	87	67	0.008	0.005	#
16) L4	Aroclor-1242 {3}	10.07	13.99	2568	2408	0.175	0.193	
Total	Aroclor-1242			2955	2714	0.191	0.206	
Average	Aroclor-1242					0.064	0.069	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL02\PS0705B.D\CONFIRM.D
Acq On : 05 Jul 96 03:55 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 5 16:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6 Aroclor-1254	11.99	15.45	9249	8320	0.346	0.323	
21) L6 Aroclor-1254 {2}	13.43	15.69	12506	9010	0.378	0.325	
22) L6 Aroclor-1254 {3}	15.82	17.55	9244	12355	0.399	0.331	
Total Aroclor-1254			30999	29685	1.123	0.978	
Average Aroclor-1254					0.374	0.326	
23) L7 Aroclor-1260	13.92	18.18	5753	4241	0.201	0.141	#
24) L7 Aroclor-1260 {2}	14.71	18.50	5098	4627	0.166	0.140	
25) L7 Aroclor-1260 {3}	17.92	21.92	1786	1355	0.047	0.029	#
Total Aroclor-1260			12637	10223	0.414	0.311	
Average Aroclor-1260					0.138	0.104	
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8 Aroclor-1268 {2}	19.05	0.00	1996	0	NoCal	N.D.	
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705B.D
Signal #2 : D:\HPCHEM\5\JL02\PS0705B.D\CONFIRM.D
Acq On : 05 Jul 96 03:55 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 5 16:29 1996

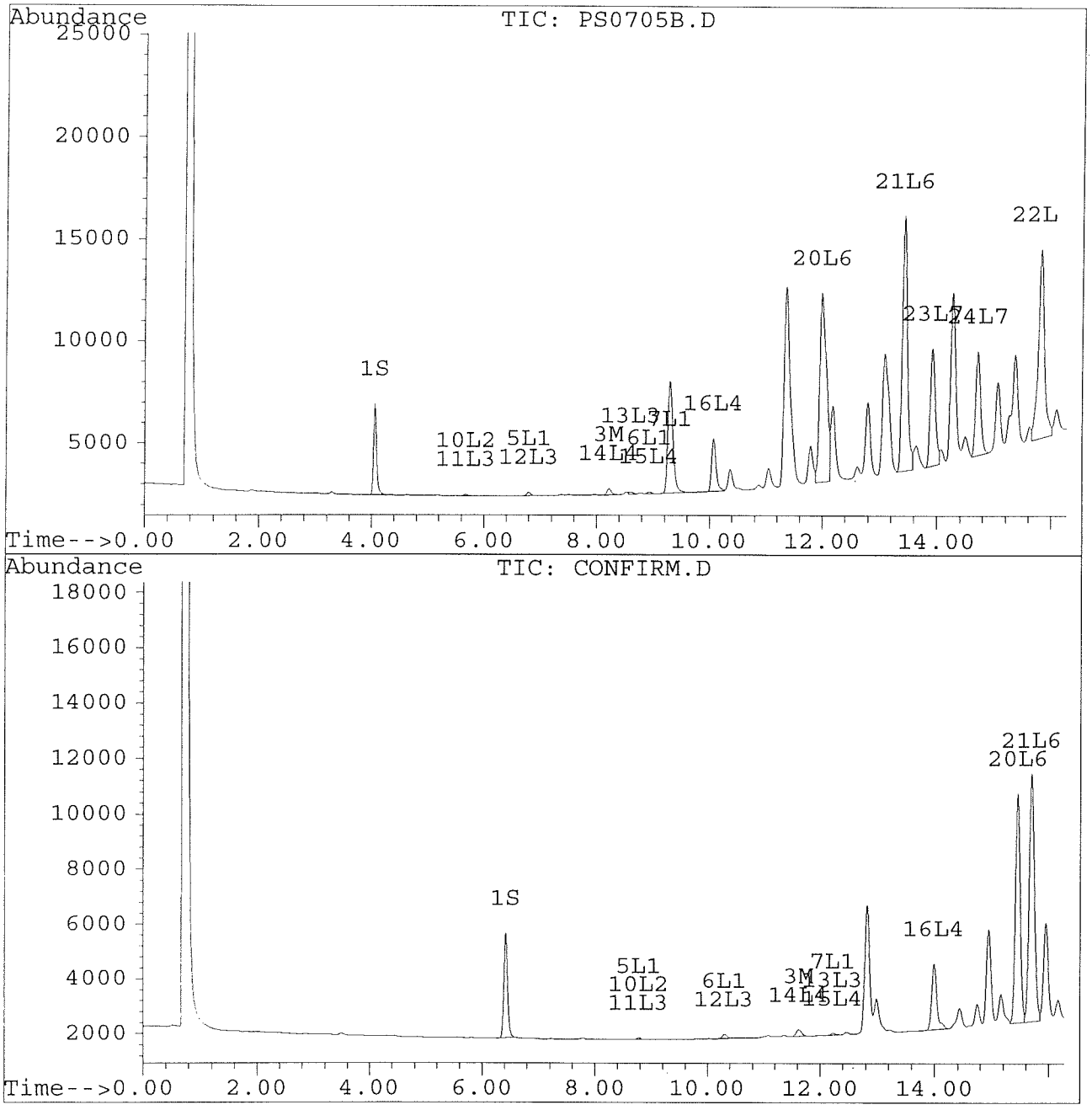
Vial: 2

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705B.D
Signal #2 : D:\HPCHEM\5\JL02\PS0705B.D\CONFIRM.D
Acq On : 05 Jul 96 03:55 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 5 16:29 1996

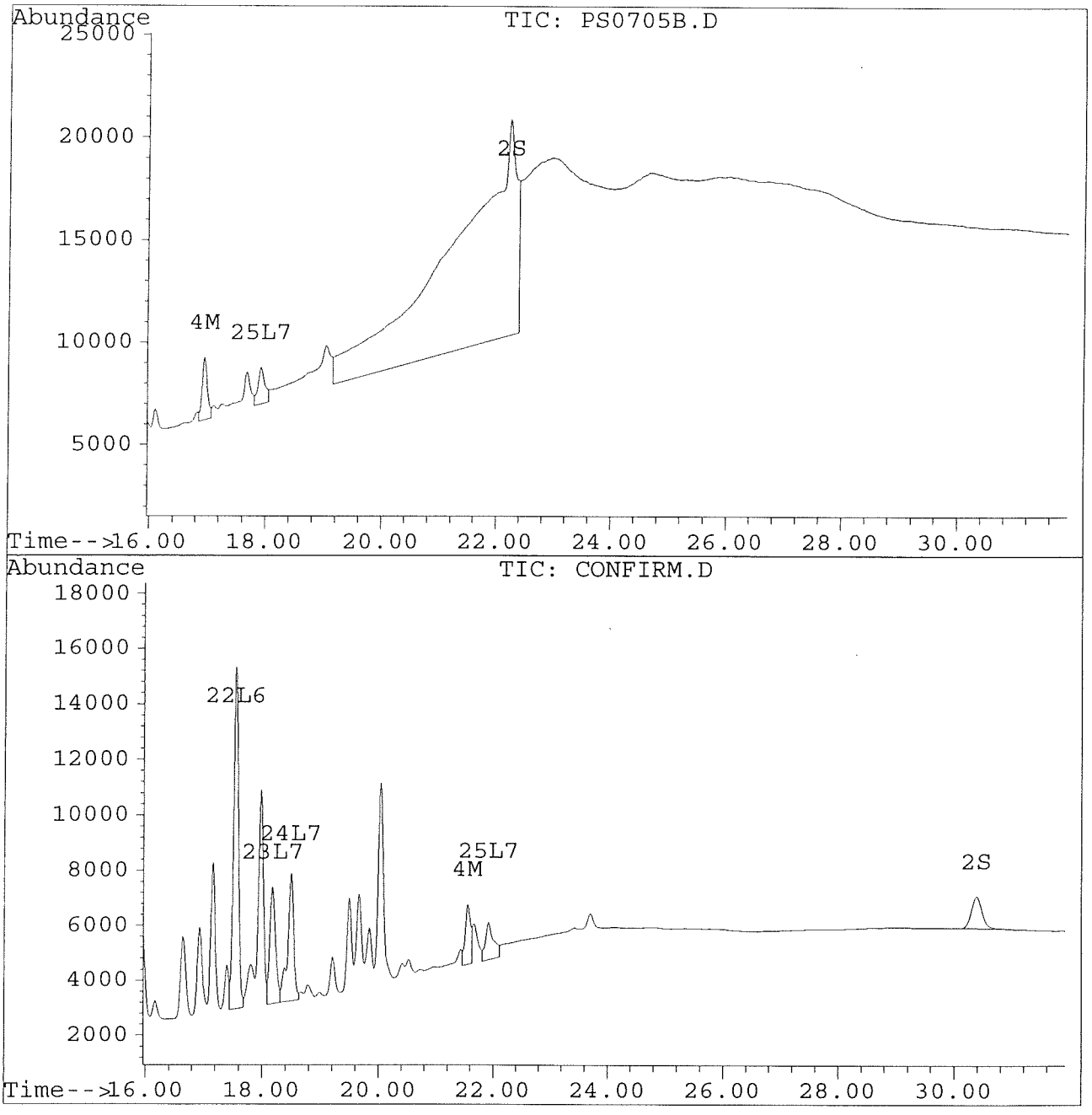
Vial: 2

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL02\PS0705C.D\CONFIRM.D
Acq On : 05 Jul 96 04:32 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.06	6.41	4384	3793	0.019	0.020	
					Recovery	=	47.50%	50.00%	
2)	S	Decachlorobiphenyl	22.23	30.38	3244	1133	0.016m	0.014	
					Recovery	=	40.00%	35.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.63	8658	6630	0.085	0.065	
4)	M	2,2',3,3',4,4'-Hexa	16.96	21.58	639	1214	0.007	0.009	#
5)	L1	Aroclor-1016	6.80	8.78	4050	424	0.133	0.032	#
6)	L1	Aroclor-1016 (2)	8.94	10.30	2748	3638	0.183	0.136	#
7)	L1	Aroclor-1016 (3)	9.33	12.23	10321	2115	0.421	0.127	#
		Total Aroclor-1016			17119	6177	0.737	0.295	
		Average Aroclor-1016					0.246	0.098	
8)	L2	Aroclor-1221	5.08	8.00	46	40	0.010	0.010	
9)	L2	Aroclor-1221 (2)	5.51	8.54	66	63	0.016	0.019	
10)	L2	Aroclor-1221 (3)	5.68	8.78	462	424	0.033	0.041	
		Total Aroclor-1221			574	527	0.059	0.070	
		Average Aroclor-1221					0.020	0.023	
11)	L3	Aroclor-1232	5.68	8.78	462	424	0.038	0.047	
12)	L3	Aroclor-1232 (2)	6.80	10.30	4050	3638	0.465	0.486	
13)	L3	Aroclor-1232 (3)	8.61	12.23	2673	2115	0.509	0.493	
		Total Aroclor-1232			7185	6177	1.012	1.026	
		Average Aroclor-1232					0.337	0.342	
14)	L4	Aroclor-1242	8.22	11.63	8658	6630	0.231	0.227	
15)	L4	Aroclor-1242 (2)	8.94	12.23	2748	2115	0.248	0.168	#
16)	L4	Aroclor-1242 (3)	10.08	13.99	8473	6761	0.579	0.542	
		Total Aroclor-1242			19879	15505	1.057	0.937	
		Average Aroclor-1242					0.352	0.312	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL02\PS0705C.D\CONFIRM.D
Acq On : 05 Jul 96 04:32 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.45	0	2727	N.D.	0.106 #
21) L6 Aroclor-1254 {2}	13.43	15.70	3641	2796	0.110	0.101
22) L6 Aroclor-1254 {3}	15.83	17.55	811	3652	0.035	0.098 #
Total Aroclor-1254			4452	9175	0.145	0.304
Average Aroclor-1254					0.073	0.101
23) L7 Aroclor-1260	13.92	18.18	1582	255	0.055	0.008 #
24) L7 Aroclor-1260 {2}	14.72	18.50	312	261	0.010	0.008
25) L7 Aroclor-1260 {3}	17.94	0.00	874	0	0.023	N.D. #
Total Aroclor-1260			2768	516	0.088	0.016
Average Aroclor-1260					0.029	0.008
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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

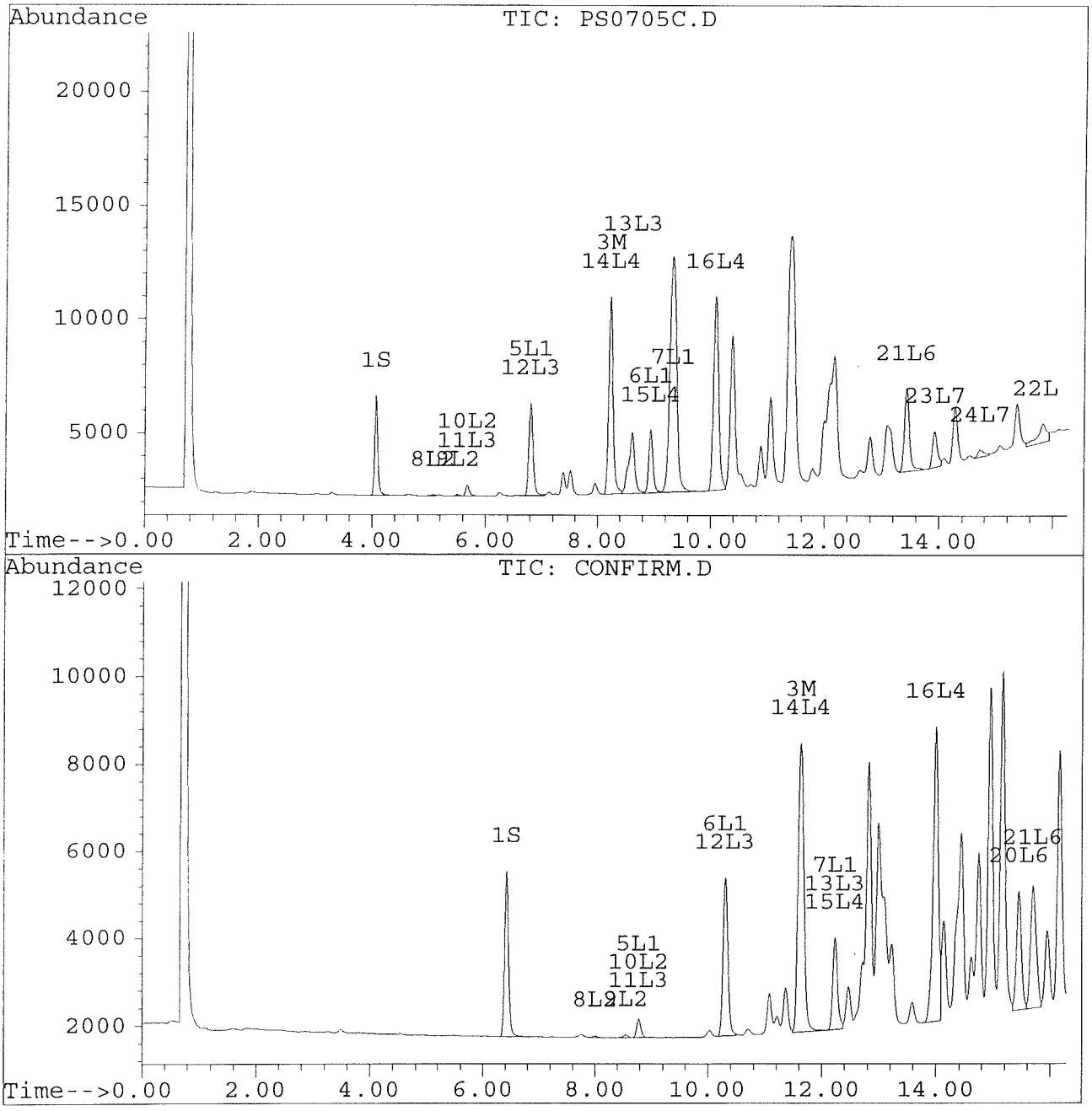
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705C.D
Signal #2 : D:\HPCHEM\5\JL02\PS0705C.D\CONFIRM.D
Acq On : 05 Jul 96 04:32 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 8 10:23 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705C.D
Signal #2 : D:\HPCHEM\5\JL02\PS0705C.D\CONFIRM.D
Acq On : 05 Jul 96 04:32 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 8 10:23 1996

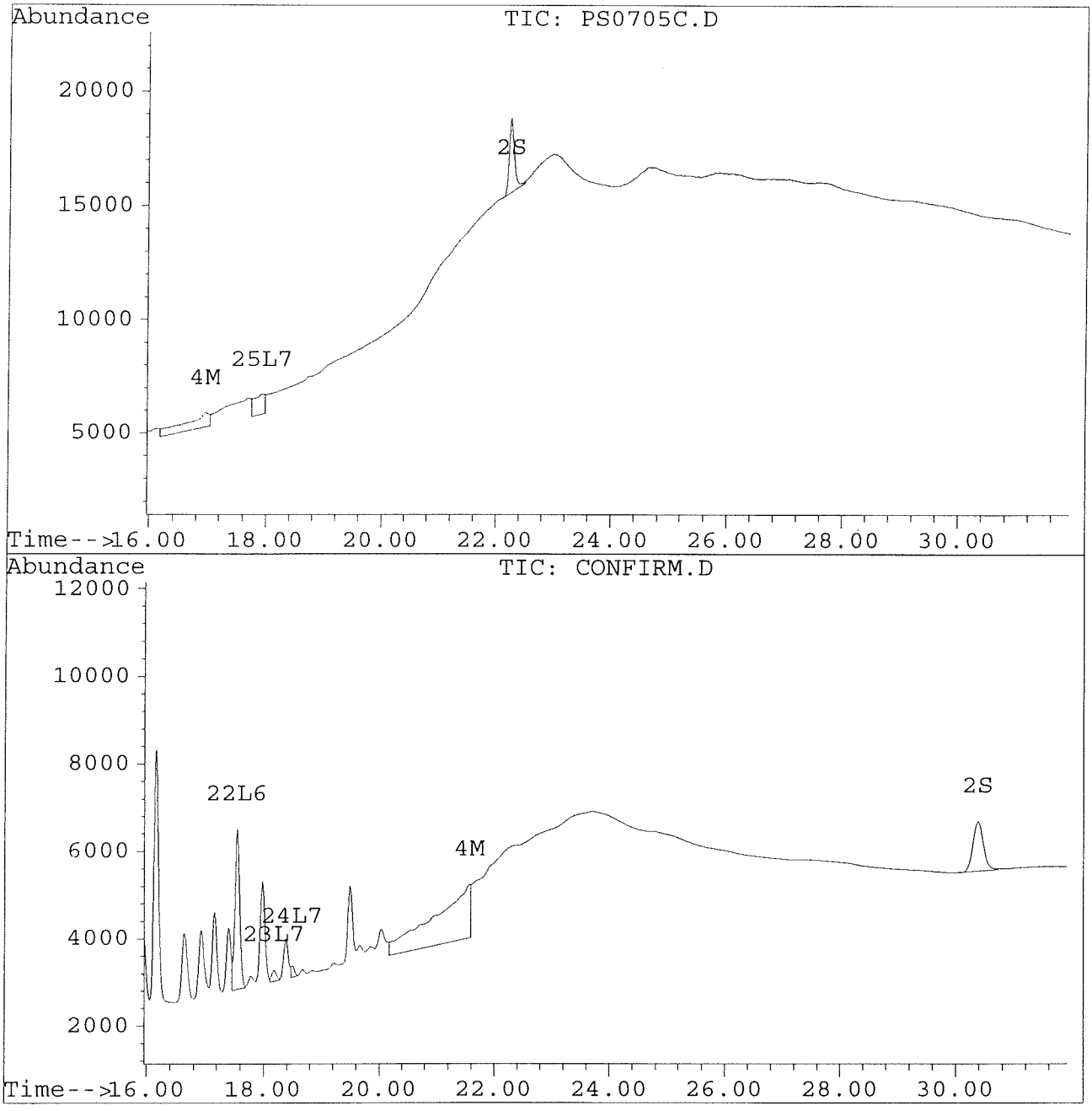
Vial: 3

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705D.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL02\PS0705D.D\CONFIRM.D
Acq On : 05 Jul 96 10:29 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 5 23:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.06	6.42	4261	3776	0.019	0.020	
				Recovery	=	47.50%	50.00%	
2) S	Decachlorobiphenyl	22.23	30.38	5366	1498	0.026	0.018	#
				Recovery	=	65.00%	45.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.63	17683	13991	0.174	0.138	
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	8058	2247	0.087	0.017	#
5) L1	Aroclor-1016	6.79	8.77	10257	4592	0.336	0.349	
6) L1	Aroclor-1016 {2}	8.93	10.30	5173	9232	0.344	0.344	
7) L1	Aroclor-1016 {3}	9.33	12.23	8421	5873	0.344	0.353	
Total	Aroclor-1016			23852	19697	1.023	1.046	
Average	Aroclor-1016					0.341	0.349	
8) L2	Aroclor-1221	5.08	8.00	722	703	0.149	0.168	
9) L2	Aroclor-1221 {2}	5.50	8.54	1025	963	0.252	0.286	
10) L2	Aroclor-1221 {3}	5.67	8.77	5161	4592	0.372	0.447	
Total	Aroclor-1221			6908	6259	0.774	0.901	
Average	Aroclor-1221					0.258	0.300	
11) L3	Aroclor-1232	5.67	8.77	5161	4592	0.430	0.506	
12) L3	Aroclor-1232 {2}	6.79	10.30	10257	9232	1.176	1.233	
13) L3	Aroclor-1232 {3}	8.60	12.23	6492	5873	1.236	1.370	
Total	Aroclor-1232			21911	19697	2.842	3.109	
Average	Aroclor-1232					0.947	1.036	
14) L4	Aroclor-1242	8.21	11.63	17683	13991	0.471	0.480	
15) L4	Aroclor-1242 {2}	8.93	12.23	5173	5873	0.467	0.467	
16) L4	Aroclor-1242 {3}	10.07	13.99	6406	5060	0.438	0.405	
Total	Aroclor-1242			29263	24925	1.375	1.352	
Average	Aroclor-1242					0.458	0.451	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705D.D
Signal #2 : D:\HPCHEM\5\JL02\PS0705D.D\CONFIRM.D
Acq On : 05 Jul 96 10:29 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 5 23:02 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	11.98	15.45	4101	3880	0.153	0.151	
21) L6	Aroclor-1254 {2}	13.44	15.69	6305	4016	0.191	0.145	
22) L6	Aroclor-1254 {3}	15.82	17.53	10797	5850	0.467	0.157	#
Total	Aroclor-1254			21203	13746	0.811	0.452	
Average	Aroclor-1254					0.270	0.151	
23) L7	Aroclor-1260	13.92	18.18	10196	9851	0.356	0.328	
24) L7	Aroclor-1260 {2}	14.71	18.50	11504	10991	0.375	0.334	
25) L7	Aroclor-1260 {3}	17.92	21.91	15057	15844	0.396	0.339	
Total	Aroclor-1260			36757	36685	1.127	1.001	
Average	Aroclor-1260					0.376	0.334	
26) L8	Aroclor-1268	18.86	23.35	3424	3525	NoCal	NoCal	
27) L8	Aroclor-1268 {2}	19.03	23.54	10013	2578	NoCal	NoCal	
28) L8	Aroclor-1268 {3}	21.81	28.14f	2992	1035	NoCal	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.

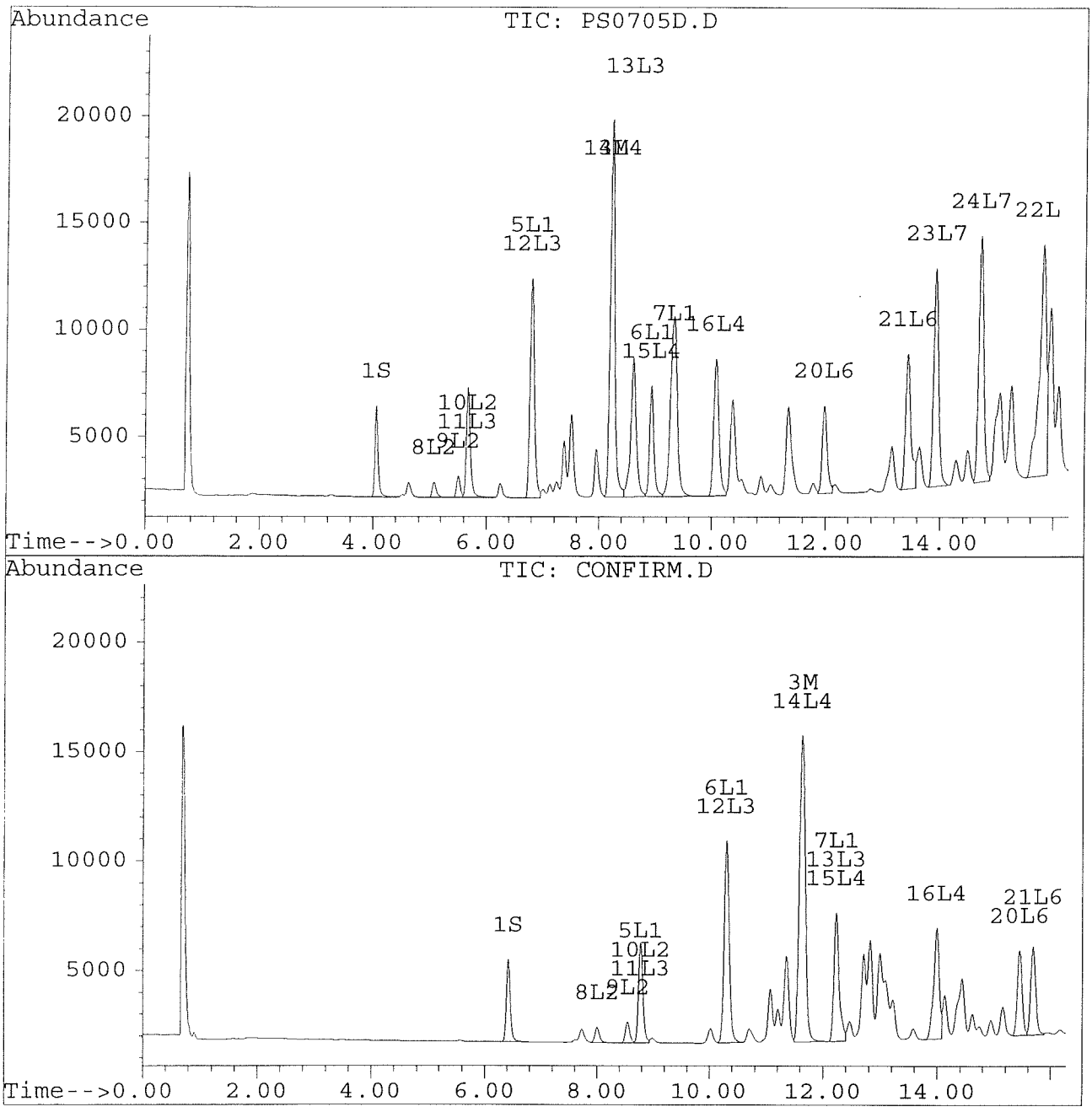
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705D.D
Signal #2 : D:\HPCHEM\5\JL02\PS0705D.D\CONFIRM.D
Acq On : 05 Jul 96 10:29 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 5 23:02 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

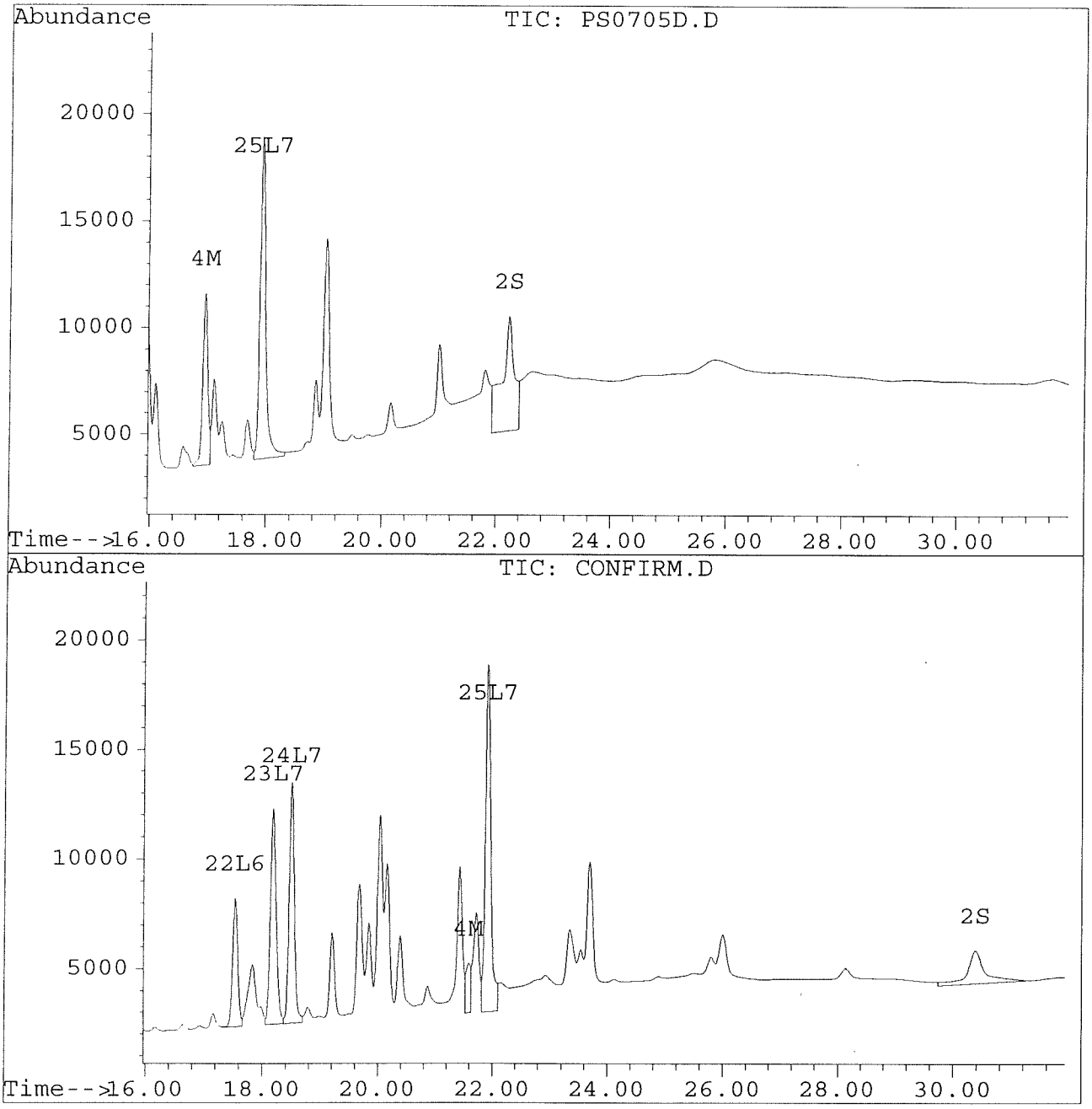
Signal #1 : D:\HPCHEM\5\JL02\PS0705D.D
Signal #2 : D:\HPCHEM\5\JL02\PS0705D.D\CONFIRM.D
Acq On : 05 Jul 96 10:29 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 5 23:02 1996

Vial: 13

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705E.D Vial: 14
Signal #2 : D:\HPCHEM\5\JL02\PS0705E.D\CONFIRM.D
Acq On : 05 Jul 96 11:04 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.05	6.42	3965	3595	0.017	0.019	
				Recovery	=	42.50%	47.50%	
2) S	Decachlorobiphenyl	22.23	30.39	3133	1473	0.015m	0.018m	
				Recovery	=	37.50%	45.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.62	293	245	0.003	0.002	
4) M	2,2',3,3',4,4'-Hexa	16.95	21.56	2658	2786	0.029	0.021	#
5) L1	Aroclor-1016	6.80	8.78	159	63	0.005	0.005	
6) L1	Aroclor-1016 (2)	8.93	10.30	84	154	0.006	0.006	
7) L1	Aroclor-1016 (3)	9.29f	12.23	5408	71	0.221	0.004	#
Total	Aroclor-1016			5651	288	0.232	0.015	
Average	Aroclor-1016					0.077	0.005	
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9) L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.	
10) L2	Aroclor-1221 (3)	5.67	8.78	67	63	0.005	0.006	#
Total	Aroclor-1221			67	63	0.005	0.006	
Average	Aroclor-1221					0.005	0.006	
11) L3	Aroclor-1232	5.67	8.78	67	63	0.006	0.007	#
12) L3	Aroclor-1232 (2)	6.80	10.30	159	154	0.018	0.021	
13) L3	Aroclor-1232 (3)	8.60	12.23	106	71	0.020	0.016	
Total	Aroclor-1232			332	288	0.044	0.044	
Average	Aroclor-1232					0.015	0.015	
14) L4	Aroclor-1242	8.21	11.62	293	245	0.008	0.008	
15) L4	Aroclor-1242 (2)	8.93	12.23	84	71	0.008	0.006	#
16) L4	Aroclor-1242 (3)	10.07	13.99	2523	2394	0.172	0.192	
Total	Aroclor-1242			2900	2709	0.188	0.206	
Average	Aroclor-1242					0.063	0.069	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705E.D Vial: 14
Signal #2 : D:\HPCHEM\5\JL02\PS0705E.D\CONFIRM.D
Acq On : 05 Jul 96 11:04 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.45	9146	8199	0.342	0.318
21) L6	Aroclor-1254 {2}	13.43	15.69	12286	9017	0.371	0.325
22) L6	Aroclor-1254 {3}	15.82	17.55	8820	12290	0.381	0.329m
Total	Aroclor-1254			30251	29507	1.095	0.972
Average	Aroclor-1254					0.365	0.324
23) L7	Aroclor-1260	13.92	18.18	5670	4487	0.198	0.150
24) L7	Aroclor-1260 {2}	14.71	18.50	4934	4944	0.161	0.150
25) L7	Aroclor-1260 {3}	17.92	21.92	1220	1976	0.032	0.042 #
Total	Aroclor-1260			11823	11407	0.391	0.342
Average	Aroclor-1260					0.130	0.114
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.04	0.00	935	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705E.D
Signal #2 : D:\HPCHEM\5\JL02\PS0705E.D\CONFIRM.D
Acq On : 05 Jul 96 11:04 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 8 10:26 1996

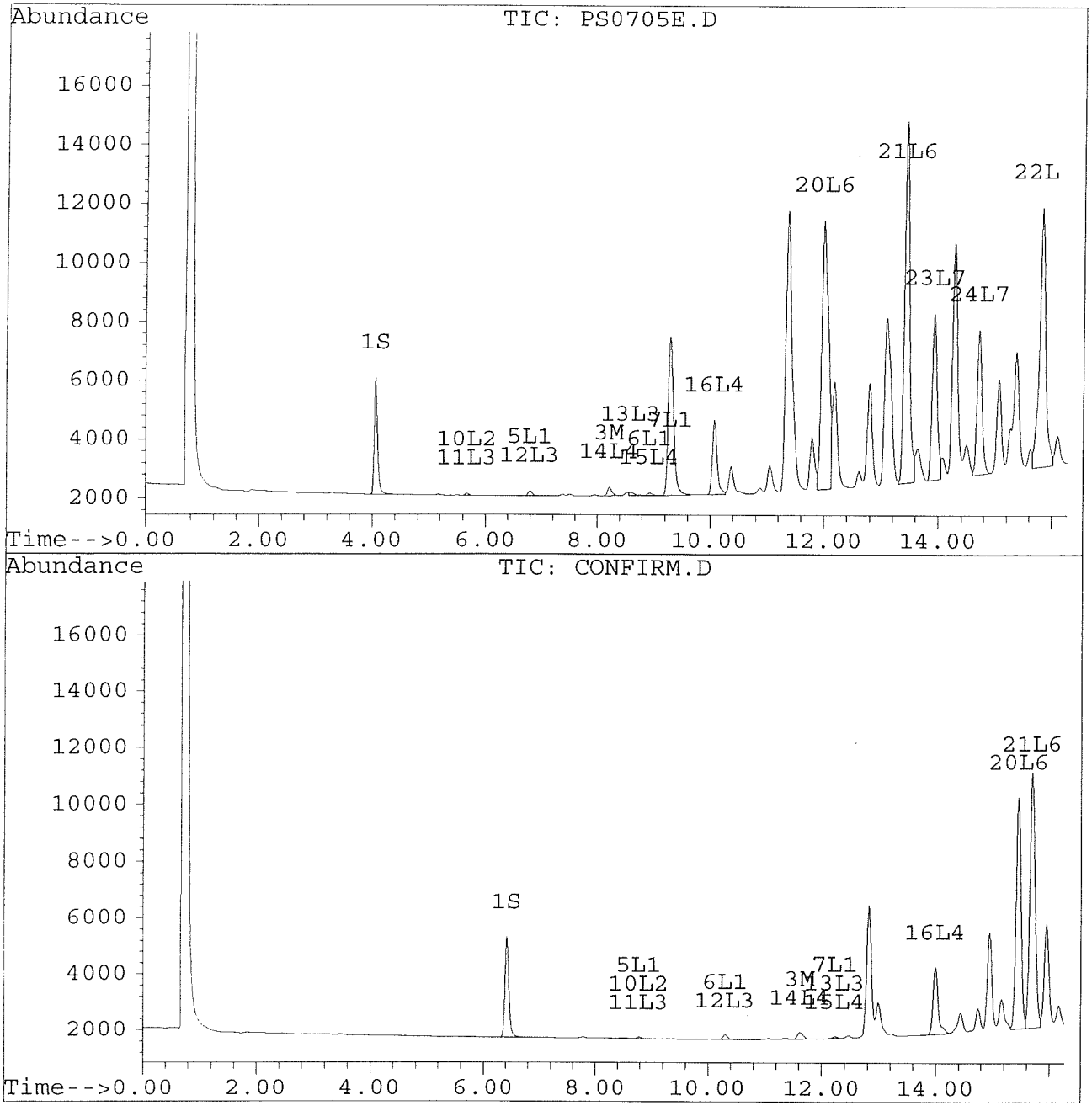
Vial: 14

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705E.D
Signal #2 : D:\HPCHEM\5\JL02\PS0705E.D\CONFIRM.D
Acq On : 05 Jul 96 11:04 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 8 10:26 1996

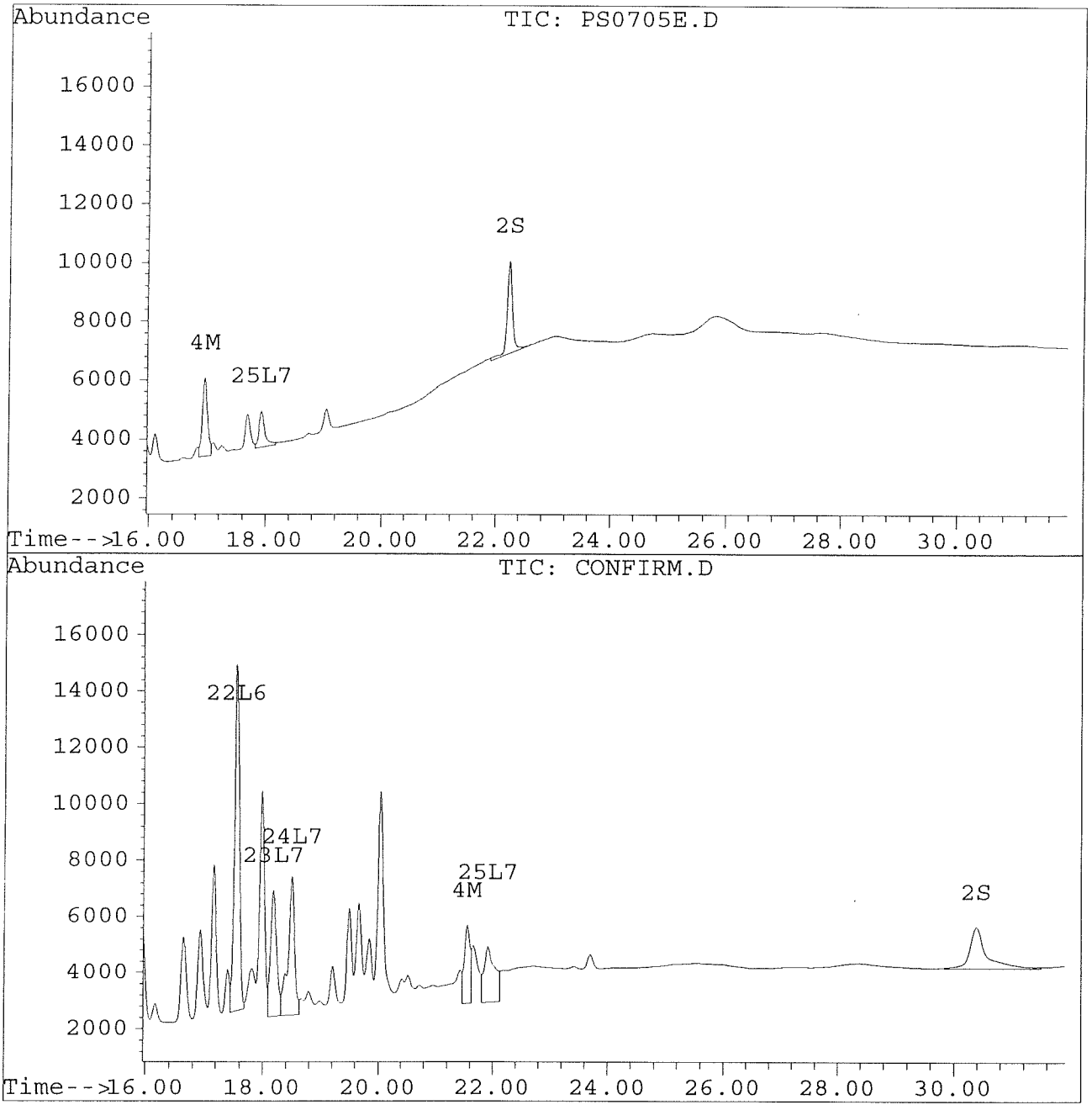
Vial: 14

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705F.D Vial: 15
Signal #2 : D:\HPCHEM\5\JL02\PS0705F.D\CONFIRM.D
Acq On : 05 Jul 96 11:40 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.42	4357	3759	0.019	0.020
				Recovery	=	47.50%	50.00%
2) S	Decachlorobiphenyl	22.23	30.38	3046	1326	0.015m	0.016m
				Recovery	=	37.50%	40.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	8535	6715	0.084	0.066
4) M	2,2',3,3',4,4'-Hexa	0.00	21.56	0	674	N.D.	0.005 #
5) L1	Aroclor-1016	6.80	8.78	4061	424	0.133	0.032 #
6) L1	Aroclor-1016 {2}	8.93	10.30	2712	3660	0.180	0.136
7) L1	Aroclor-1016 {3}	9.32	12.23	10438	2178	0.426	0.131 #
Total	Aroclor-1016			17211	6262	0.739	0.300
Average	Aroclor-1016					0.246	0.100
8) L2	Aroclor-1221	5.08	8.00	44	42	0.009	0.010
9) L2	Aroclor-1221 {2}	5.50	8.54	66	61	0.016	0.018
10) L2	Aroclor-1221 {3}	5.67	8.78	463	424	0.033	0.041
Total	Aroclor-1221			573	527	0.059	0.069
Average	Aroclor-1221					0.020	0.023
11) L3	Aroclor-1232	5.67	8.78	463	424	0.039	0.047
12) L3	Aroclor-1232 {2}	6.80	10.30	4061	3660	0.466	0.489
13) L3	Aroclor-1232 {3}	8.60	12.23	2654	2178	0.505	0.508
Total	Aroclor-1232			7178	6262	1.010	1.044
Average	Aroclor-1232					0.337	0.348
14) L4	Aroclor-1242	8.21	11.63	8535	6715	0.227	0.230
15) L4	Aroclor-1242 {2}	8.93	12.23	2712	2178	0.245	0.173 #
16) L4	Aroclor-1242 {3}	10.07	13.99	8503	6933	0.581	0.555
Total	Aroclor-1242			19750	15826	1.053	0.959
Average	Aroclor-1242					0.351	0.320
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705F.D Vial: 15
Signal #2 : D:\HPCHEM\5\JL02\PS0705F.D\CONFIRM.D
Acq On : 05 Jul 96 11:40 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.45	0	2848	N.D.	0.111 #
21) L6	Aroclor-1254 {2}	13.43	15.70	3595	2905	0.109	0.105
22) L6	Aroclor-1254 {3}	15.82	17.55	504	3819	0.022	0.102 #
Total	Aroclor-1254			4099	9572	0.130	0.317
Average	Aroclor-1254					0.065	0.106
23) L7	Aroclor-1260	13.92	18.18	1540	354	0.054	0.012 #
24) L7	Aroclor-1260 {2}	14.71	0.00	285	0	0.009	N.D. #
25) L7	Aroclor-1260 {3}	17.93	21.93	83	734	0.002	0.016 #
Total	Aroclor-1260			1907	1088	0.065	0.028
Average	Aroclor-1260					0.022	0.014
26) L8	Aroclor-1268	0.00	23.35	0	813	N.D.	NoCal
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705F.D
Signal #2 : D:\HPCHEM\5\JL02\PS0705F.D\CONFIRM.D
Acq On : 05 Jul 96 11:40 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 8 10:27 1996

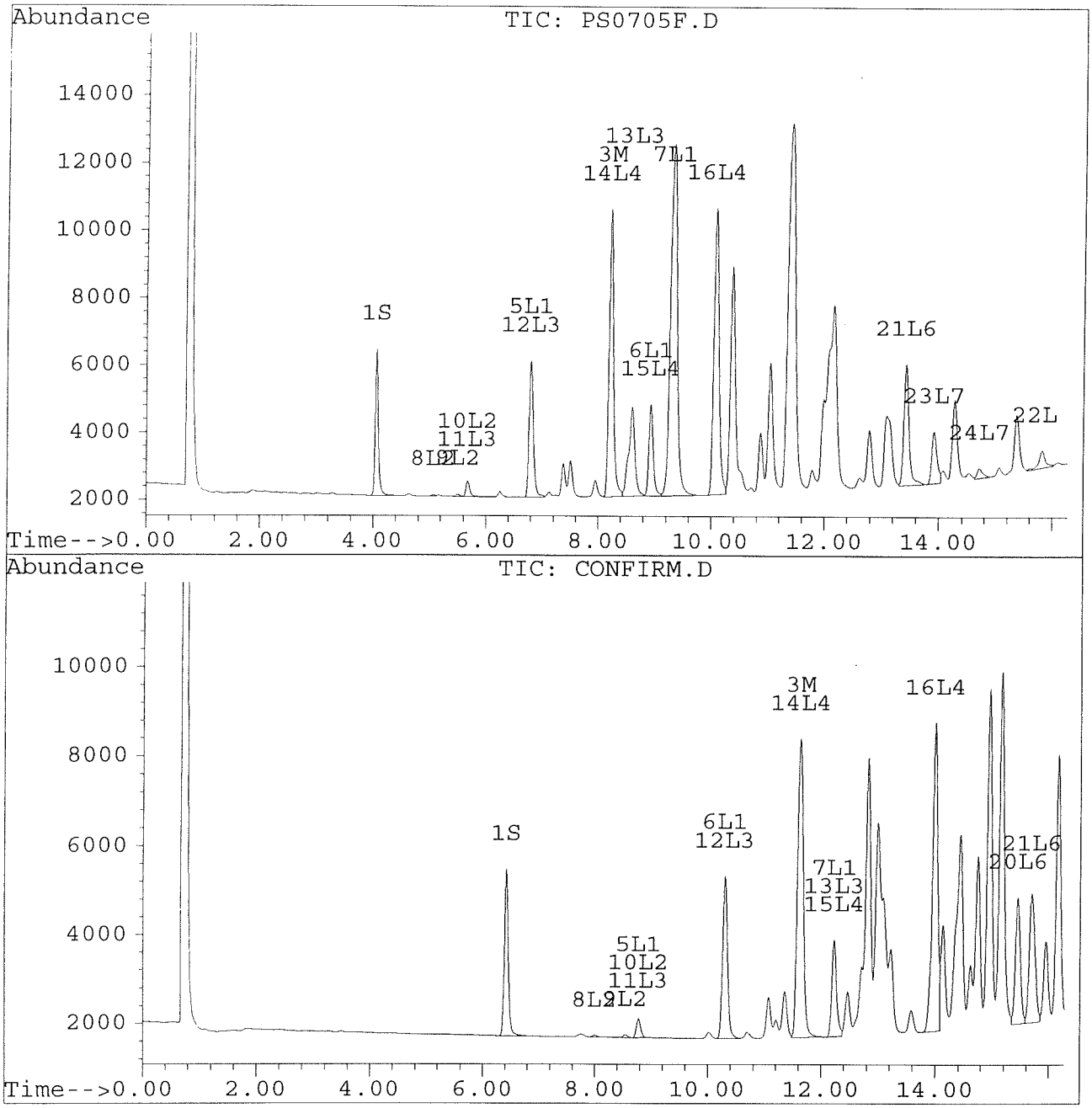
Vial: 15

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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

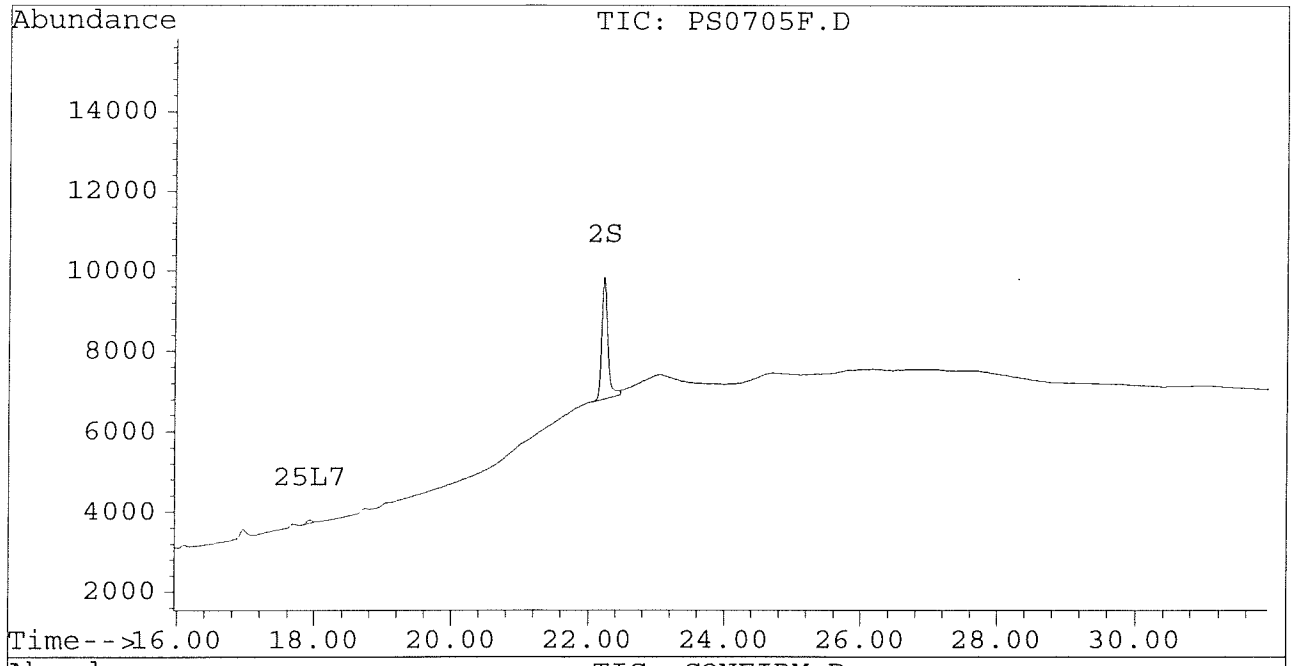


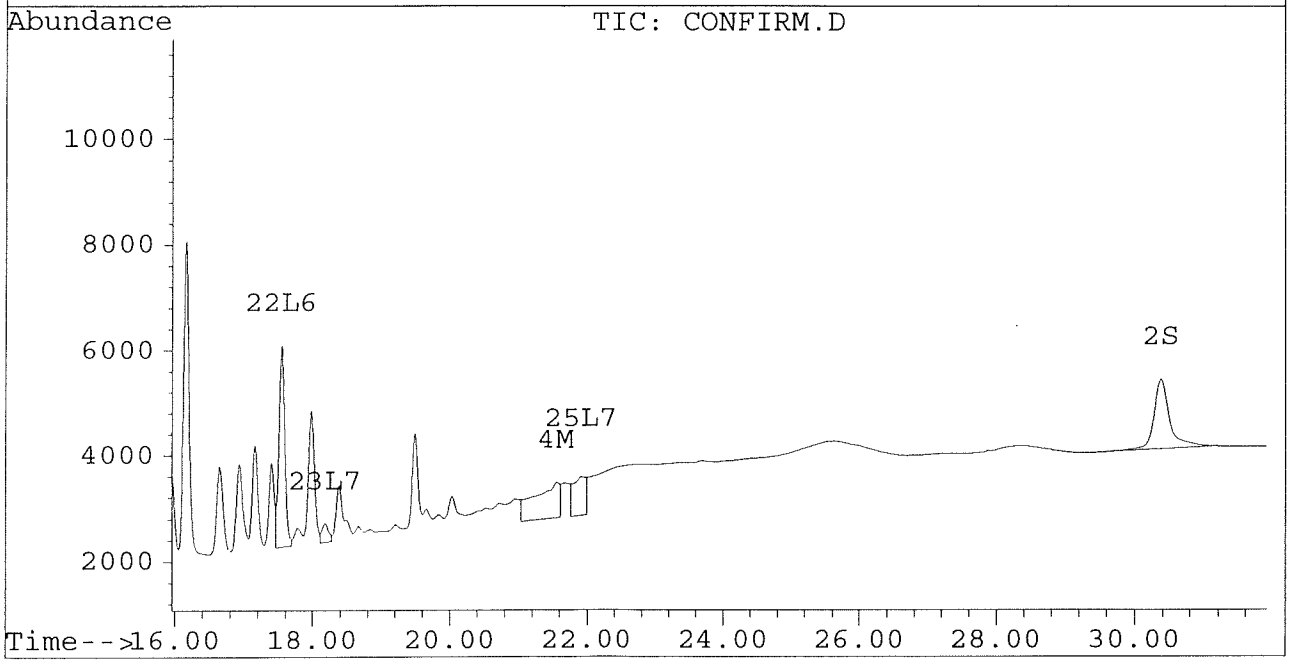
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705F.D Vial: 15
Signal #2 : D:\HPCHEM\5\JL02\PS0705F.D\CONFIRM.D
Acq On : 05 Jul 96 11:40 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705G.D Vial: 19
Signal #2 : D:\HPCHEM\5\JL02\PS0705G.D\CONFIRM.D
Acq On : 06 Jul 96 02:37 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 6 3:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.06	6.42	4308	3744	0.019	0.020	
				Recovery	=	47.50%	50.00%	
2) S	Decachlorobiphenyl	22.23	30.38	5655	1367	0.028	0.017	#
				Recovery	=	70.00%	42.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.64	17397	13775	0.171	0.136	
4) M	2,2',3,3',4,4'-Hexa	16.95	21.59	8116	2176	0.088	0.016	#
5) L1	Aroclor-1016	6.79	8.77	10202	4560	0.334	0.346	
6) L1	Aroclor-1016 {2}	8.93	10.30	5116	9167	0.340	0.342	
7) L1	Aroclor-1016 {3}	9.33	12.23	8318	5774	0.340	0.347	
Total	Aroclor-1016			23635	19502	1.013	1.035	
Average	Aroclor-1016					0.338	0.345	
8) L2	Aroclor-1221	5.08	8.00	724	694	0.150	0.165	
9) L2	Aroclor-1221 {2}	5.50	8.54	1025	945	0.252	0.281	
10) L2	Aroclor-1221 {3}	5.67	8.77	5147	4560	0.371	0.444	
Total	Aroclor-1221			6896	6199	0.773	0.891	
Average	Aroclor-1221					0.258	0.297	
11) L3	Aroclor-1232	5.67	8.77	5147	4560	0.428	0.502	
12) L3	Aroclor-1232 {2}	6.79	10.30	10202	9167	1.170	1.224	
13) L3	Aroclor-1232 {3}	8.61	12.23	6360	5774	1.211	1.347	
Total	Aroclor-1232			21709	19502	2.810	3.074	
Average	Aroclor-1232					0.937	1.025	
14) L4	Aroclor-1242	8.22	11.64	17397	13775	0.463	0.472	
15) L4	Aroclor-1242 {2}	8.93	12.23	5116	5774	0.462	0.459	
16) L4	Aroclor-1242 {3}	10.07	13.99	6356	5402	0.434	0.433	
Total	Aroclor-1242			28870	24952	1.359	1.364	
Average	Aroclor-1242					0.453	0.455	
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1248			0	0	N.D.	N.D.	
Average	Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705G.D Vial: 19
Signal #2 : D:\HPCHEM\5\JL02\PS0705G.D\CONFIRM.D
Acq On : 06 Jul 96 02:37 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 6 3:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.45	4073	4318	0.152	0.168
21) L6 Aroclor-1254 {2}	13.44	15.69	6308	4508	0.191	0.162
22) L6 Aroclor-1254 {3}	15.82	17.53	10829	5795	0.468	0.155 #
Total Aroclor-1254			21211	14622	0.811	0.485
Average Aroclor-1254					0.270	0.162
23) L7 Aroclor-1260	13.92	18.18	10165	9750	0.355	0.325
24) L7 Aroclor-1260 {2}	14.71	18.50	11492	11079	0.374	0.336
25) L7 Aroclor-1260 {3}	17.92	21.92	15242	16166	0.400	0.346
Total Aroclor-1260			36899	36995	1.130	1.007
Average Aroclor-1260					0.377	0.336
26) L8 Aroclor-1268	18.86	23.35	3629	3447	NoCal	NoCal
27) L8 Aroclor-1268 {2}	19.03	23.54	10306	2471	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.81	28.13f	3269	889	NoCal	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.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705G.D
Signal #2 : D:\HPCHEM\5\JL02\PS0705G.D\CONFIRM.D
Acq On : 06 Jul 96 02:37 AM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 6 3:11 1996

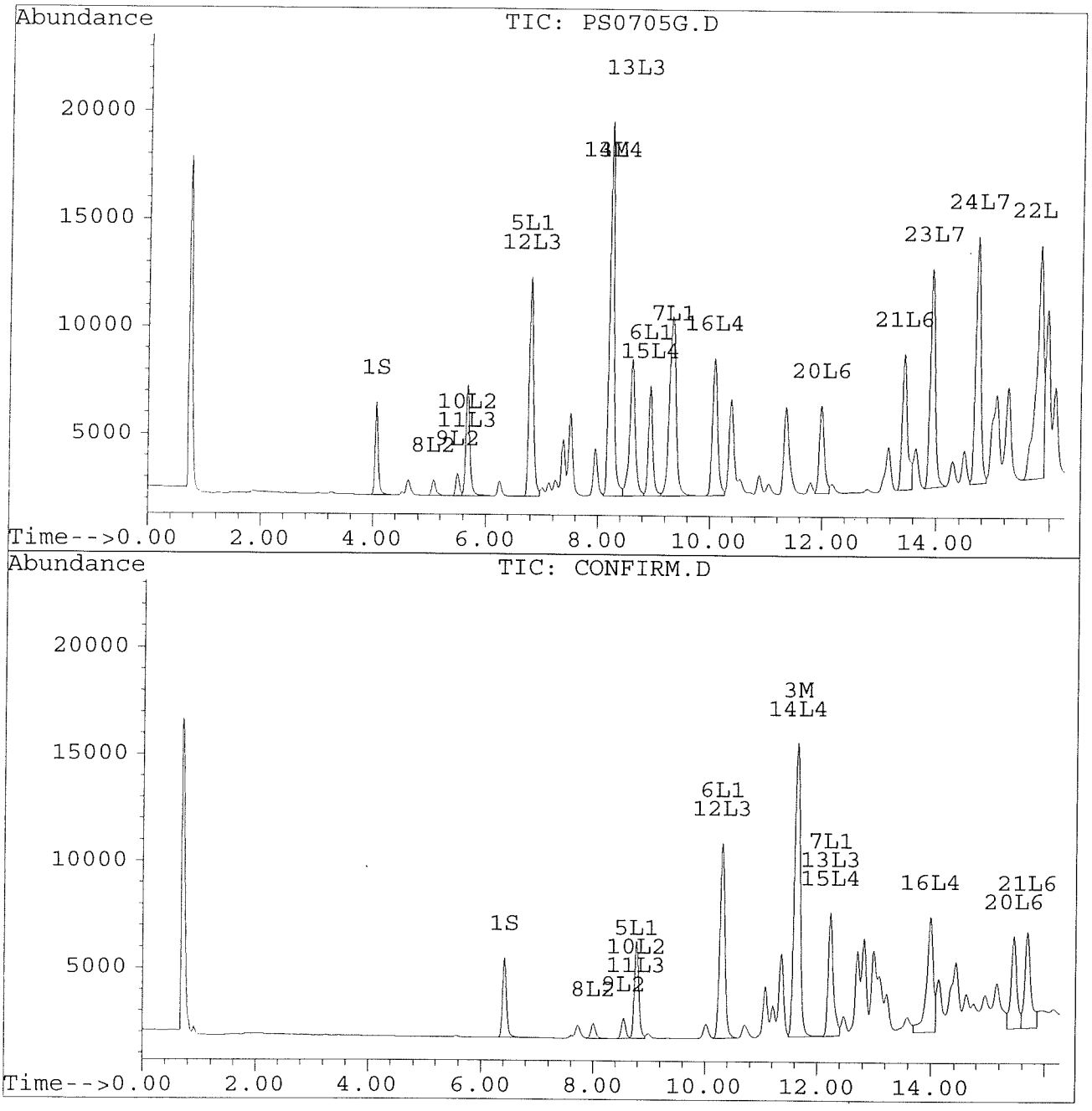
Vial: 19

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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

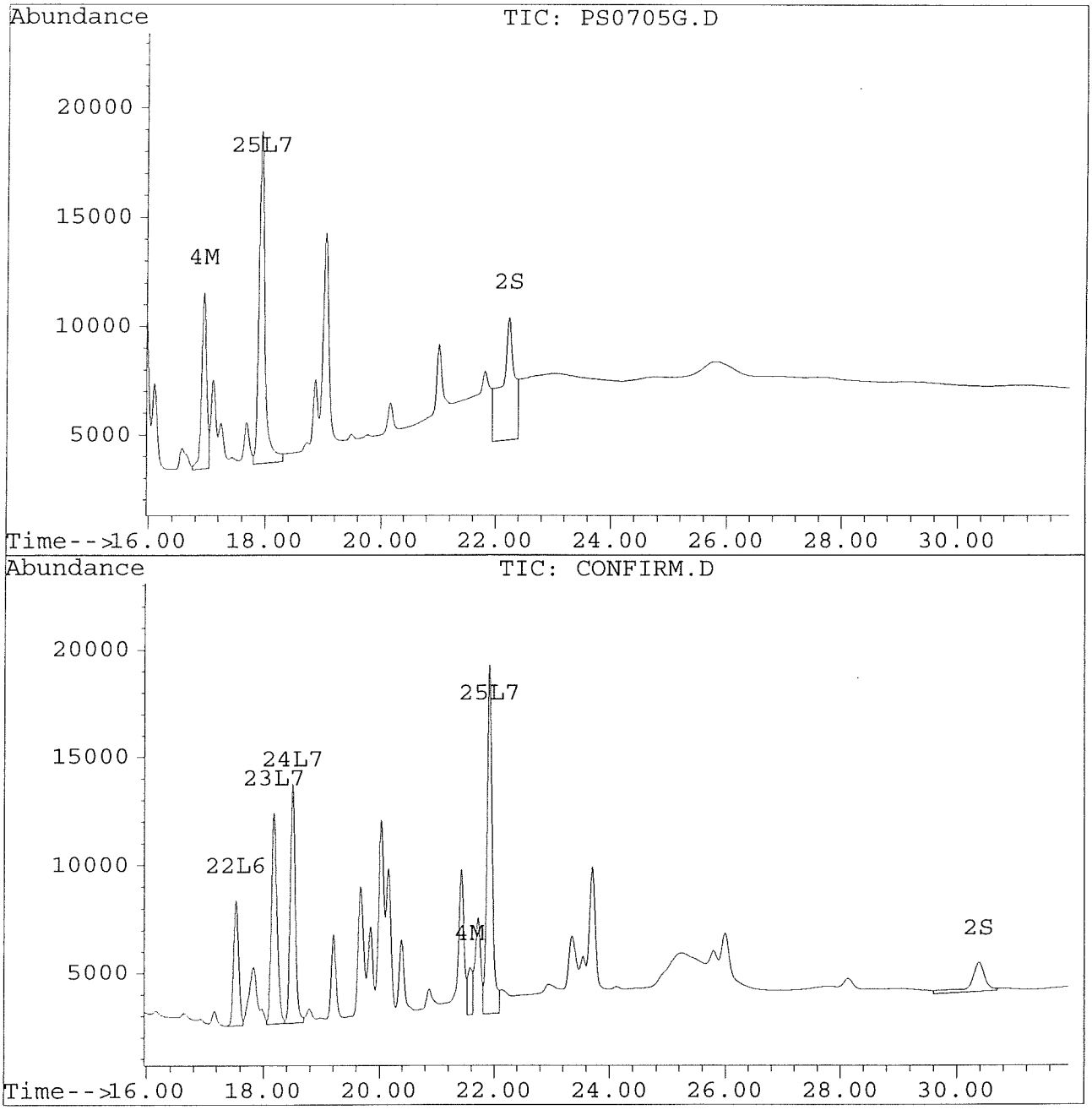


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705G.D Vial: 19
Signal #2 : D:\HPCHEM\5\JL02\PS0705G.D\CONFIRM.D
Acq On : 06 Jul 96 02:37 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 6 3:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705H.D Vial: 20
Signal #2 : D:\HPCHEM\5\JL02\PS0705H.D\CONFIRM.D
Acq On : 06 Jul 96 03:13 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.42	4388	3798	0.019	0.020
				Recovery	=	47.50%	50.00%
2) S	Decachlorobiphenyl	22.23	30.39	3041	1675	0.015m	0.020m#
				Recovery	=	37.50%	50.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	305	256	0.003	0.003
4) M	2,2',3,3',4,4'-Hexa	16.95	21.56	2688	2696	0.029	0.020 #
5) L1	Aroclor-1016	6.80	8.78	168	66	0.005	0.005
6) L1	Aroclor-1016 {2}	8.93	10.30	88	158	0.006	0.006
7) L1	Aroclor-1016 {3}	9.29f	12.23	5603	80	0.229	0.005 #
Total	Aroclor-1016			5858	304	0.240	0.016
Average	Aroclor-1016					0.080	0.005
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.67	8.78	72	66	0.005	0.006
Total	Aroclor-1221			72	66	0.005	0.006
Average	Aroclor-1221					0.005	0.006
11) L3	Aroclor-1232	5.67	8.78	72	66	0.006	0.007
12) L3	Aroclor-1232 {2}	6.80	10.30	168	158	0.019	0.021
13) L3	Aroclor-1232 {3}	8.60	12.23	109	80	0.021	0.019
Total	Aroclor-1232			349	304	0.046	0.047
Average	Aroclor-1232					0.015	0.016
14) L4	Aroclor-1242	8.21	11.63	305	256	0.008	0.009
15) L4	Aroclor-1242 {2}	8.93	12.23	88	80	0.008	0.006
16) L4	Aroclor-1242 {3}	10.07	13.99	2621	2607	0.179	0.209
Total	Aroclor-1242			3013	2943	0.195	0.224
Average	Aroclor-1242					0.065	0.075
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

520

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705H.D Vial: 20
Signal #2 : D:\HPCHEM\5\JL02\PS0705H.D\CONFIRM.D
Acq On : 06 Jul 96 03:13 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.99	15.45	9417	8641	0.352	0.335
21) L6 Aroclor-1254 {2}	13.43	15.69	12748	9461	0.385	0.341
22) L6 Aroclor-1254 {3}	15.82	17.55	9078	13109	0.392	0.351
Total Aroclor-1254			31243	31212	1.130	1.027
Average Aroclor-1254					0.377	0.342
23) L7 Aroclor-1260	13.92	18.18	5859	4684	0.205	0.156
24) L7 Aroclor-1260 {2}	14.71	18.50	5134	5219	0.167	0.158
25) L7 Aroclor-1260 {3}	17.92	21.92	1186	1879	0.031	0.040 #
Total Aroclor-1260			12179	11782	0.403	0.355
Average Aroclor-1260					0.134	0.118
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.04	0.00	770	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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

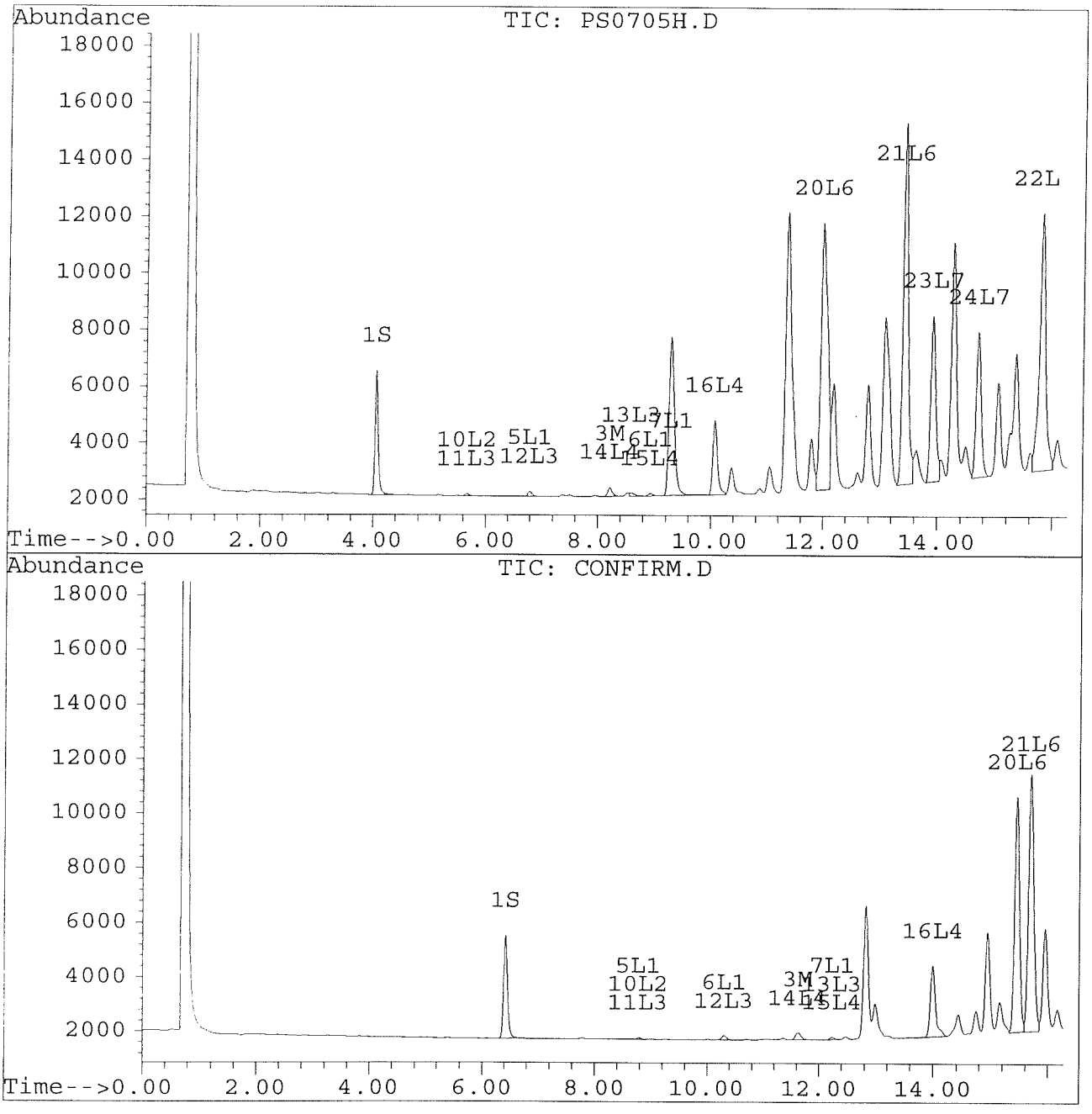
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705H.D
Signal #2 : D:\HPCHEM\5\JL02\PS0705H.D\CONFIRM.D
Acq On : 06 Jul 96 03:13 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 8 10:28 1996

Vial: 20
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



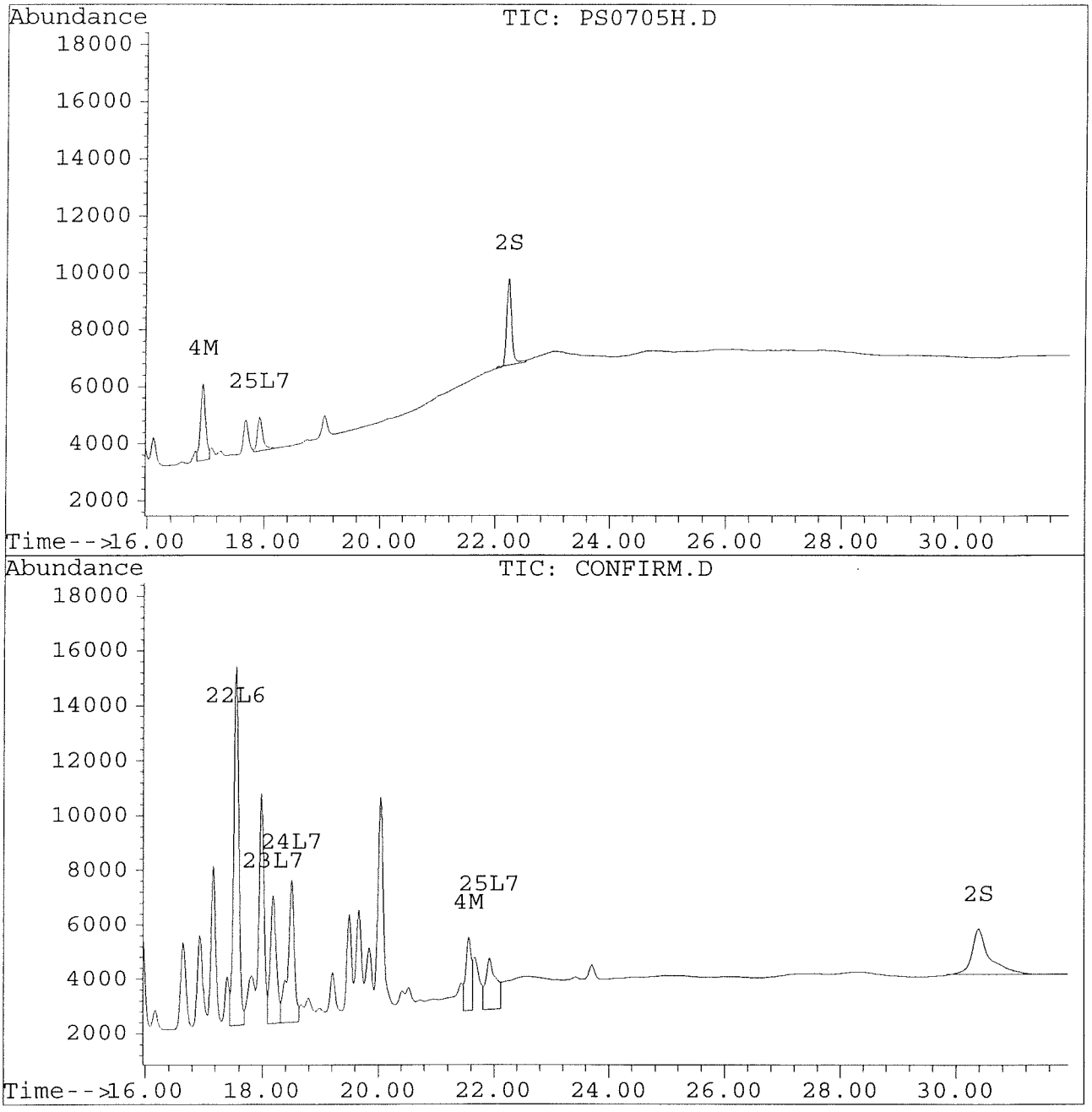
529

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705H.D Vial: 20
Signal #2 : D:\HPCHEM\5\JL02\PS0705H.D\CONFIRM.D
Acq On : 06 Jul 96 03:13 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705I.D Vial: 21
Signal #2 : D:\HPCHEM\5\JL02\PS0705I.D\CONFIRM.D
Acq On : 06 Jul 96 03:48 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.06	6.42	4172	3694	0.018	0.020	
					Recovery	=	45.00%	50.00%	
2)	S	Decachlorobiphenyl	22.23	30.38	2832	1169	0.014m	0.014	
					Recovery	=	35.00%	35.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.63	8218	6623	0.081	0.065	
4)	M	2,2',3,3',4,4'-Hexa	16.96	21.57	213	633	0.002	0.005	#
5)	L1	Aroclor-1016	6.80	8.78	3964	414	0.130	0.031	#
6)	L1	Aroclor-1016 {2}	8.93	10.30	2627	3607	0.175	0.134	
7)	L1	Aroclor-1016 {3}	9.32	12.23	10227	2113	0.418	0.127	#
	Total	Aroclor-1016			16818	6134	0.722	0.293	
Average		Aroclor-1016					0.241	0.098	
8)	L2	Aroclor-1221	5.08	8.01	44	38	0.009	0.009	
9)	L2	Aroclor-1221 {2}	5.50	8.55	62	60	0.015	0.018	
10)	L2	Aroclor-1221 {3}	5.68	8.78	446	414	0.032	0.040	#
	Total	Aroclor-1221			552	512	0.056	0.067	
Average		Aroclor-1221					0.019	0.022	
11)	L3	Aroclor-1232	5.68	8.78	446	414	0.037	0.046	
12)	L3	Aroclor-1232 {2}	6.80	10.30	3964	3607	0.455	0.482	
13)	L3	Aroclor-1232 {3}	8.60	12.23	2560	2113	0.487	0.493	
	Total	Aroclor-1232			6971	6134	0.979	1.020	
Average		Aroclor-1232					0.326	0.340	
14)	L4	Aroclor-1242	8.22	11.63	8218	6623	0.219	0.227	
15)	L4	Aroclor-1242 {2}	8.93	12.23	2627	2113	0.237	0.168	#
16)	L4	Aroclor-1242 {3}	10.08	13.99	8206	6956	0.560	0.557	
	Total	Aroclor-1242			19050	15692	1.016	0.952	
Average		Aroclor-1242					0.339	0.317	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
	Total	Aroclor-1248			0	0	N.D.	N.D.	
Average		Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705I.D Vial: 21
Signal #2 : D:\HPCHEM\5\JL02\PS0705I.D\CONFIRM.D
Acq On : 06 Jul 96 03:48 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.45	0	2807	N.D.	0.109 #
21) L6	Aroclor-1254 {2}	13.43	15.70	3462	2871	0.105	0.103
22) L6	Aroclor-1254 {3}	15.83	17.55	483	3756	0.021	0.100 #
Total	Aroclor-1254			3945	9434	0.126	0.313
Average	Aroclor-1254					0.063	0.104
23) L7	Aroclor-1260	13.92	18.18	1477	372	0.052	0.012 #
24) L7	Aroclor-1260 {2}	14.71	18.50	277	389	0.009	0.012 #
25) L7	Aroclor-1260 {3}	17.93	21.93	126	678	0.003	0.015 #
Total	Aroclor-1260			1880	1438	0.064	0.039
Average	Aroclor-1260					0.021	0.013
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	23.52	0	679	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	28.06	0	111	N.D.	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

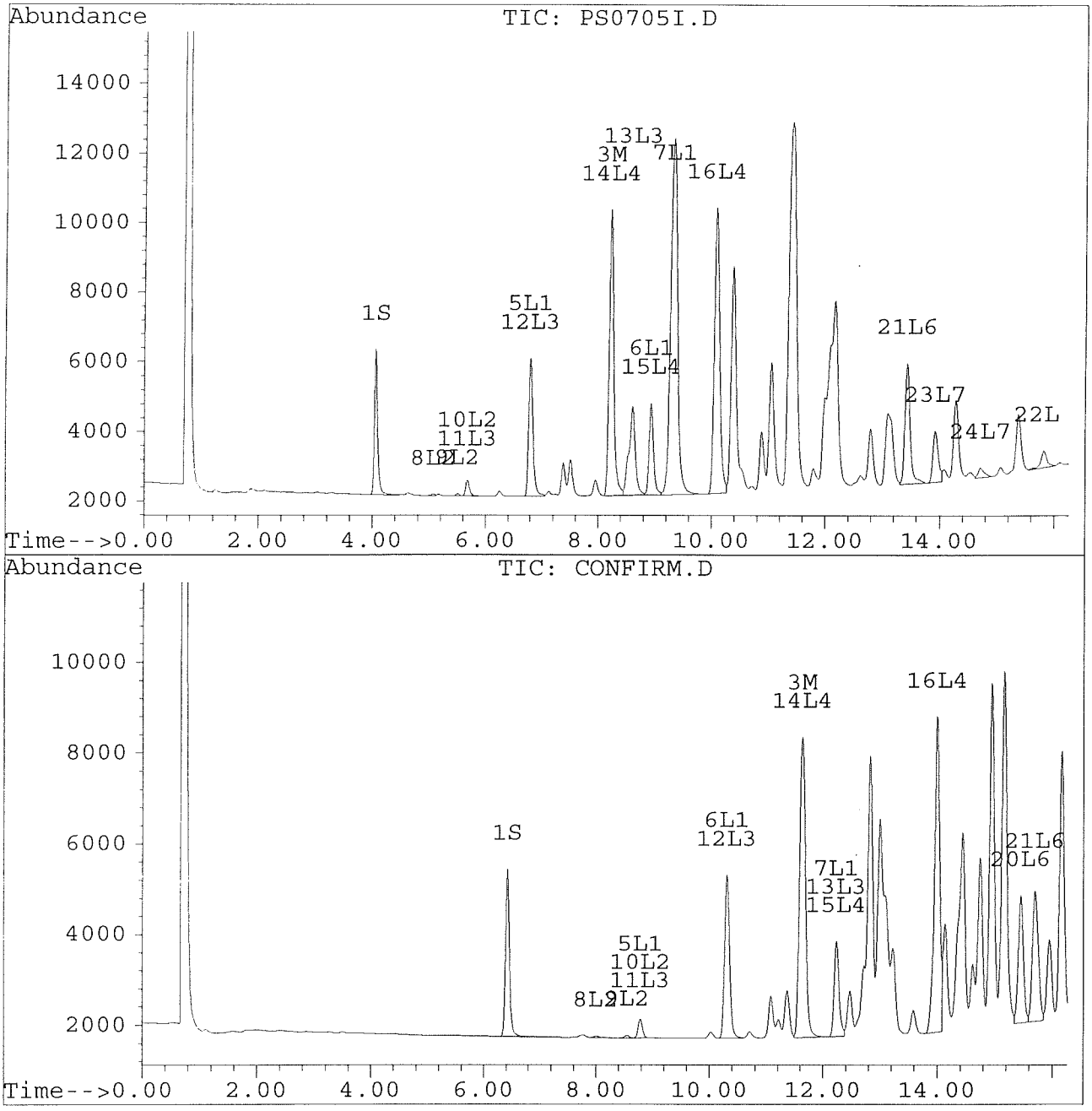
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705I.D Vial: 21
Signal #2 : D:\HPCHEM\5\JL02\PS0705I.D\CONFIRM.D
Acq On : 06 Jul 96 03:48 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

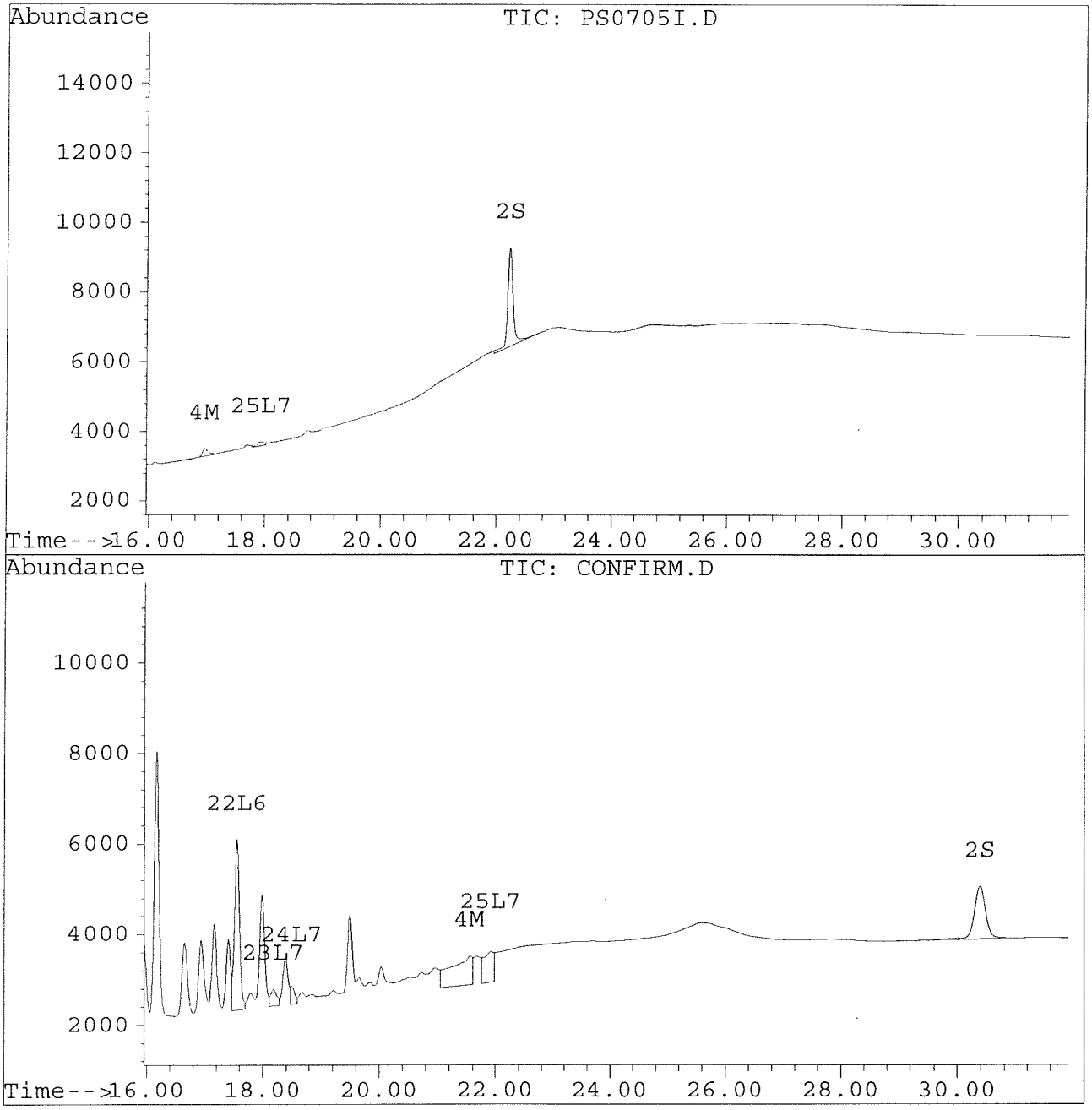


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0705I.D Vial: 21
Signal #2 : D:\HPCHEM\5\JL02\PS0705I.D\CONFIRM.D
Acq On : 06 Jul 96 03:48 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Sequence Name: C:\HPCHEM\5\SEQUENCE\JL08.S
Comment:
Operator: JS
Data Path: D:\HPCHEM\5\JL08\
Pre-Seq Cmd:
Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line	Type	Vial	DataFile	Method	Sample Name
1	Sample	1	PS0708A	PCB1E	AR1660 1.0 UG/ML
2	Sample	2	PS0708B	PCB1E	AR1254 1.0 UG/ML
3	Sample	3	PS0708C	PCB1E	AR1242 1.0 UG/ML
4	Sample	4	C575-48C	PCB1E	VHB / PS04:U06 1:20 DILUTION
5	Sample	5	C575-19C	PCB1E	VHB / PG4:I6 1:50 DILUTION
6	Sample	6	C575-25B	PCB1E	VHB / PJ4:L6 1:20 DILUTION
7	Sample	7	PS0708D	PCB1E	AR1660 1.0 UG/ML
8	Sample	8	PS0708E	PCB1E	AR1254 1.0 UG/ML
9	Sample	9	P0626-B1	PCB1E	SOIL METHOD BLANK
10	Sample	10	P0626-L1	PCB1E	SOIL LAB CONTROL SAMPLE
11	Sample	11	PS0708F	PCB1E	AR1242 1.0 UG/ML
12	Sample	12	P0707-B1	PCB1E	SOIL METHOD BLANK
13	Sample	13	P0707-L1	PCB1E	SOIL LAB CONTROL SAMPLE
14	Sample	14	C623-07	PCB1E	GZA/B9-01
15	Sample	15	C623-08	PCB1E	GZA/B9-01N
16	Sample	16	C623-11	PCB1E	GZA/GZ-4
17	Sample	17	C623-13	PCB1E	GZA/B4-08
18	Sample	7	PS0708G	PCB1E	AR1660 1.0 UG/ML
19	Sample	8	PS0708H	PCB1E	AR1254 1.0 UG/ML
20	Sample	11	PS0708I	PCB1E	AR1242 1.0 UG/ML

575
575
575

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708A.D Vial: 1
Signal #2 : D:\HPCHEM\5\JL08\PS0708A.D\CONFIRM.D
Acq On : 08 Jul 96 09:02 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 9:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.06	6.41	4458	3912	0.020	0.021	
					Recovery	=	50.00%	52.50%	
2)	S	Decachlorobiphenyl	22.24	30.39	12718	972	0.063	0.012	#
					Recovery	=	157.50%	30.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.63	16656	12018	0.164	0.119	#
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.59	9094	1646	0.099	0.012	#
5)	L1	Aroclor-1016	6.81	8.77	10347	4306	0.339	0.327	
6)	L1	Aroclor-1016 {2}	8.94	10.30	4930	8978	0.328	0.335	
7)	L1	Aroclor-1016 {3}	9.33	12.23	8089	5117	0.330	0.308	
		Total Aroclor-1016			23366	18401	0.997	0.969	
		Average Aroclor-1016					0.332	0.323	
8)	L2	Aroclor-1221	5.09	8.00	742	708	0.153	0.169	
9)	L2	Aroclor-1221 {2}	5.51	8.54	1067	961	0.263	0.286	
10)	L2	Aroclor-1221 {3}	5.68	8.77	5176	4306	0.373	0.419	
		Total Aroclor-1221			6985	5975	0.789	0.874	
		Average Aroclor-1221					0.263	0.291	
11)	L3	Aroclor-1232	5.68	8.77	5176	4306	0.431	0.474	
12)	L3	Aroclor-1232 {2}	6.81	10.30	10347	8978	1.187	1.199	
13)	L3	Aroclor-1232 {3}	8.61	12.23	6135	5117	1.168	1.193	
		Total Aroclor-1232			21658	18401	2.786	2.867	
		Average Aroclor-1232					0.929	0.956	
14)	L4	Aroclor-1242	8.22	11.63	16656	12018	0.444	0.412	
15)	L4	Aroclor-1242 {2}	8.94	12.23	4930	5117	0.445	0.407	
16)	L4	Aroclor-1242 {3}	10.08	13.99	6170	4809	0.421	0.385	
		Total Aroclor-1242			27756	21943	1.310	1.204	
		Average Aroclor-1242					0.437	0.401	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708A.D Vial: 1
Signal #2 : D:\HPCHEM\5\JL08\PS0708A.D\CONFIRM.D
Acq On : 08 Jul 96 09:02 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 9:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.99	15.45	3914	3758	0.146	0.146
21) L6 Aroclor-1254 {2}	13.45	15.69	6069	3670	0.183	0.132 #
22) L6 Aroclor-1254 {3}	15.83	17.54	11314	5453	0.489	0.146 #
Total Aroclor-1254			21296	12881	0.819	0.424
Average Aroclor-1254					0.273	0.141
23) L7 Aroclor-1260	13.93	18.18	9867	9066	0.345	0.302
24) L7 Aroclor-1260 {2}	14.72	18.50	11339	9366	0.369	0.284
25) L7 Aroclor-1260 {3}	17.92	21.92	15647	12658	0.411	0.271 #
Total Aroclor-1260			36853	31091	1.125	0.858
Average Aroclor-1260					0.375	0.286
26) L8 Aroclor-1268	18.86	23.36f	5073	2292	NoCal	NoCal
27) L8 Aroclor-1268 {2}	19.04	23.54	11825	1430	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.82	28.14f	9690	375	NoCal	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.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708A.D
Signal #2 : D:\HPCHEM\5\JL08\PS0708A.D\CONFIRM.D
Acq On : 08 Jul 96 09:02 AM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 8 9:36 1996

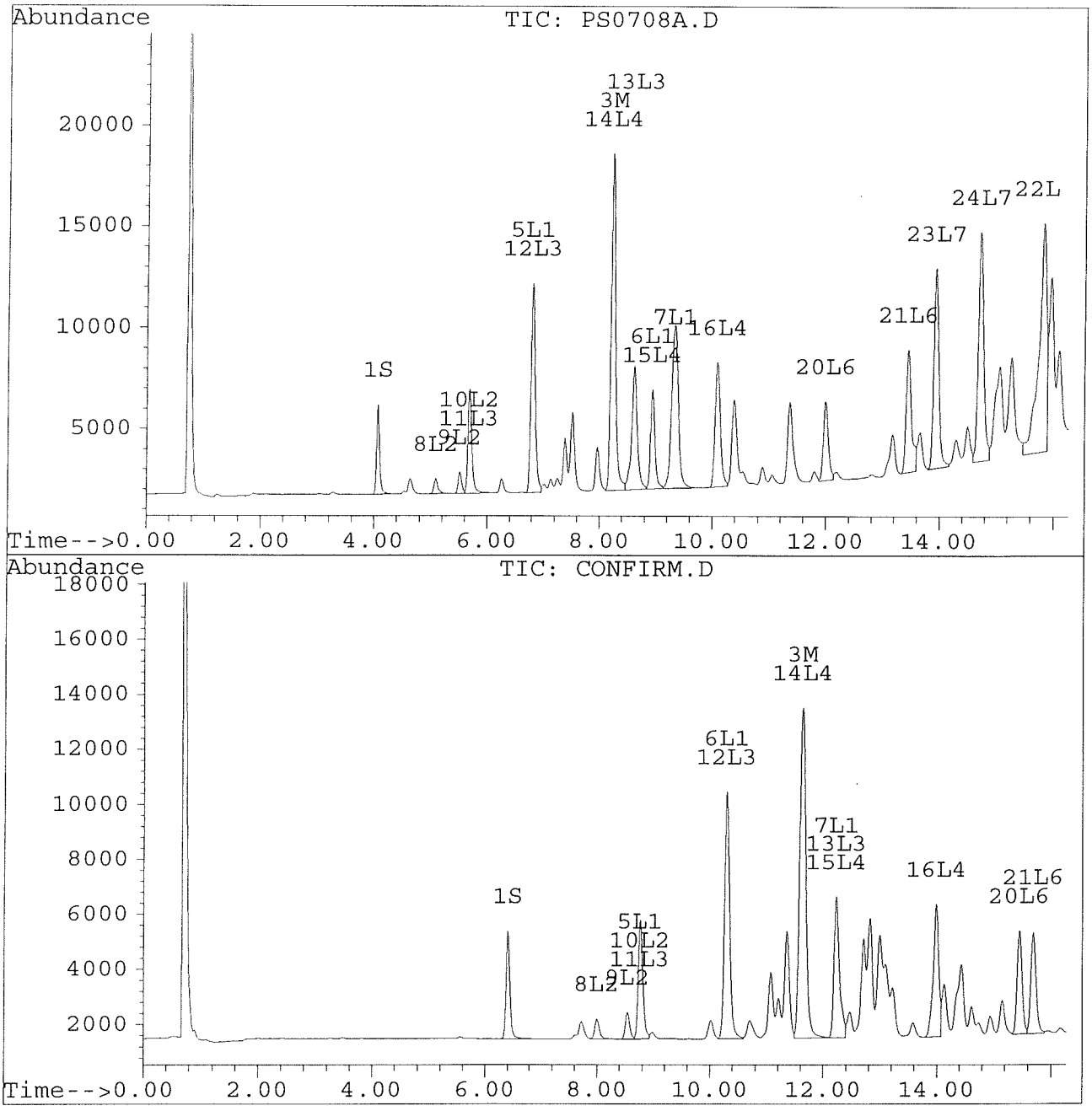
Vial: 1

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708A.D
Signal #2 : D:\HPCHEM\5\JL08\PS0708A.D\CONFIRM.D
Acq On : 08 Jul 96 09:02 AM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 8 9:36 1996

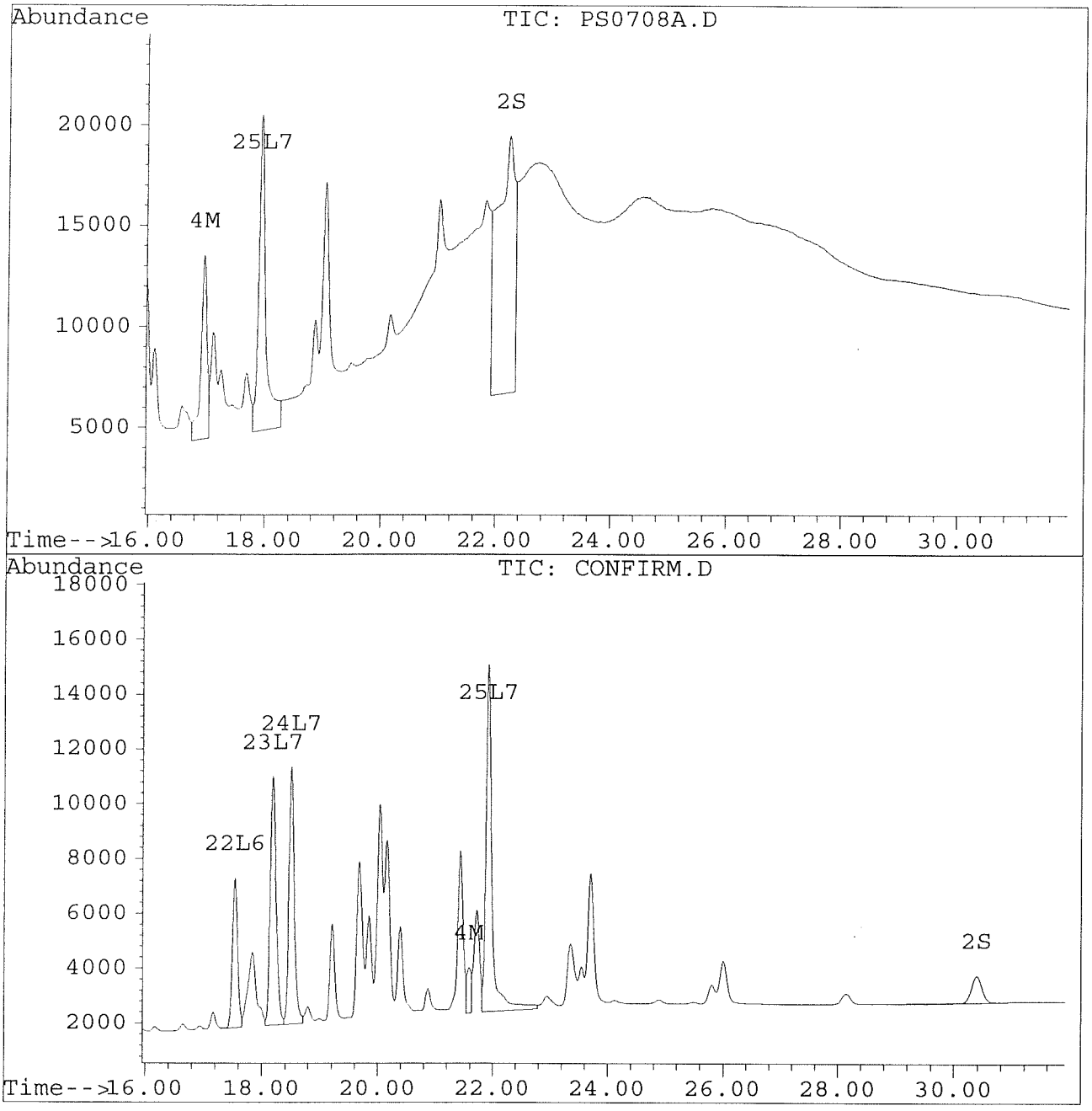
Vial: 1

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL08\PS0708B.D\CONFIRM.D
Acq On : 08 Jul 96 09:38 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.06	6.42	4447	3972	0.020	0.021	
					Recovery	=	50.00%	52.50%	
2)	S	Decachlorobiphenyl	22.23	30.38	7727	1051	0.038	0.013	#
					Recovery	=	95.00%	32.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.63	287	251	0.003	0.002	
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.56	2742	1940	0.030	0.014	#
5)	L1	Aroclor-1016	6.80	8.78	169	66	0.006	0.005	
6)	L1	Aroclor-1016 {2}	8.93	10.31	85	166	0.006	0.006	
7)	L1	Aroclor-1016 {3}	9.29f	12.23	5487	77	0.224	0.005	#
		Total Aroclor-1016			5741	309	0.235	0.016	
		Average Aroclor-1016					0.078	0.005	
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10)	L2	Aroclor-1221 {3}	5.68	8.78	71	66	0.005	0.006	#
		Total Aroclor-1221			71	66	0.005	0.006	
		Average Aroclor-1221					0.005	0.006	
11)	L3	Aroclor-1232	5.68	8.78	71	66	0.006	0.007	
12)	L3	Aroclor-1232 {2}	6.80	10.31	169	166	0.019	0.022	
13)	L3	Aroclor-1232 {3}	8.60	12.23	105	77	0.020	0.018	
		Total Aroclor-1232			345	309	0.045	0.047	
		Average Aroclor-1232					0.015	0.016	
14)	L4	Aroclor-1242	8.22	11.63	287	251	0.008	0.009	
15)	L4	Aroclor-1242 {2}	8.93	12.23	85	77	0.008	0.006	
16)	L4	Aroclor-1242 {3}	10.07	13.99	2553	2459	0.174	0.197	
		Total Aroclor-1242			2926	2787	0.190	0.212	
		Average Aroclor-1242					0.063	0.071	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL08\PS0708B.D\CONFIRM.D
Acq On : 08 Jul 96 09:38 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.99	15.45	9174	8423	0.343	0.327
21) L6 Aroclor-1254 {2}	13.43	15.69	12291	8834	0.372	0.318
22) L6 Aroclor-1254 {3}	15.82	17.55	8948	11817	0.387	0.316
Total Aroclor-1254			30413	29074	1.101	0.962
Average Aroclor-1254					0.367	0.321
23) L7 Aroclor-1260	13.92	18.18	5813	4545	0.203	0.151 #
24) L7 Aroclor-1260 {2}	14.71	18.50	4994	4561	0.163	0.138
25) L7 Aroclor-1260 {3}	17.92	21.92	1472	1048	0.039	0.022 #
Total Aroclor-1260			12279	10154	0.404	0.312
Average Aroclor-1260					0.135	0.104
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.04	0.00	1478	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

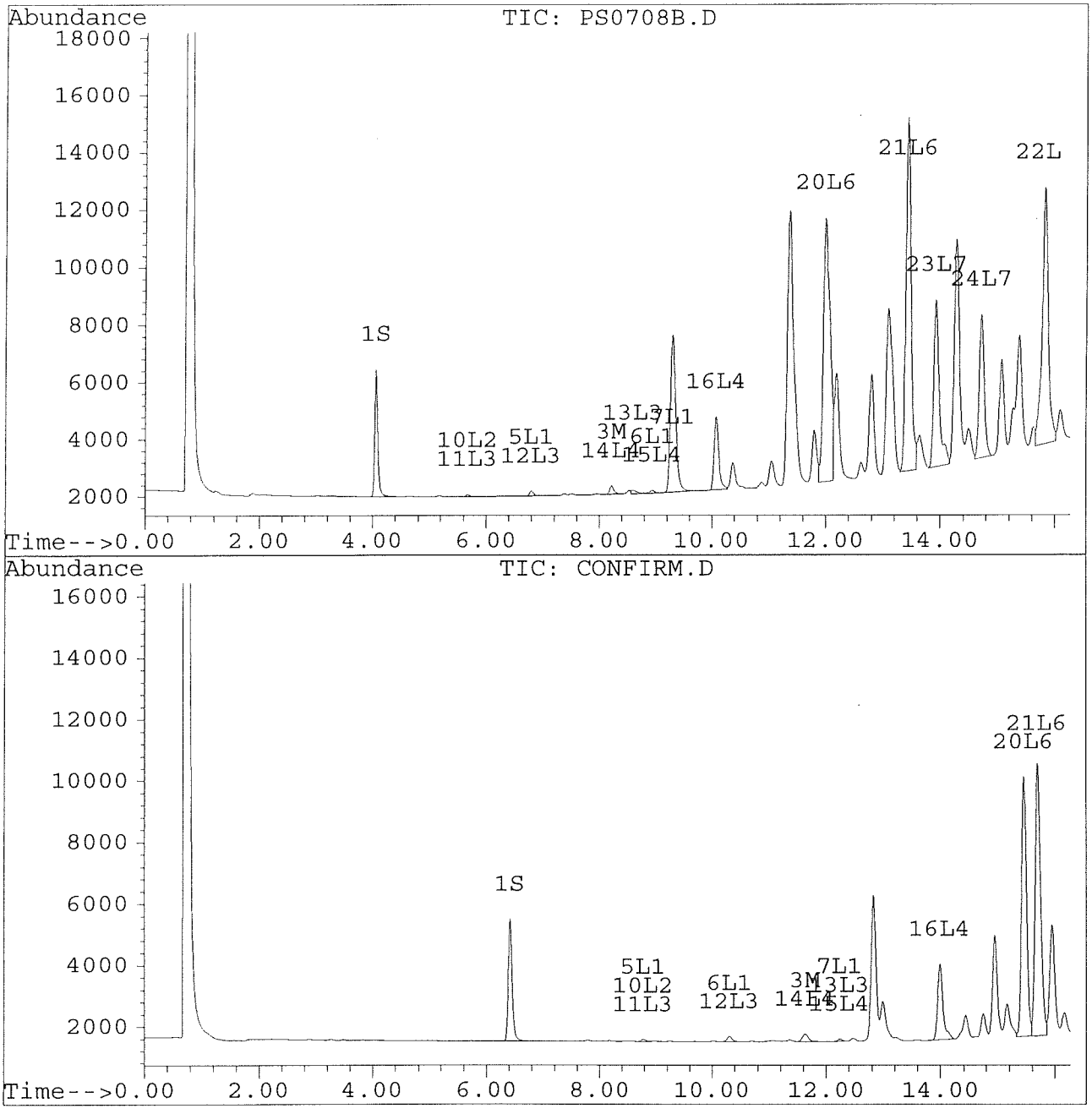
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL08\PS0708B.D\CONFIRM.D
Acq On : 08 Jul 96 09:38 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708B.D
Signal #2 : D:\HPCHEM\5\JL08\PS0708B.D\CONFIRM.D
Acq On : 08 Jul 96 09:38 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 8 10:12 1996

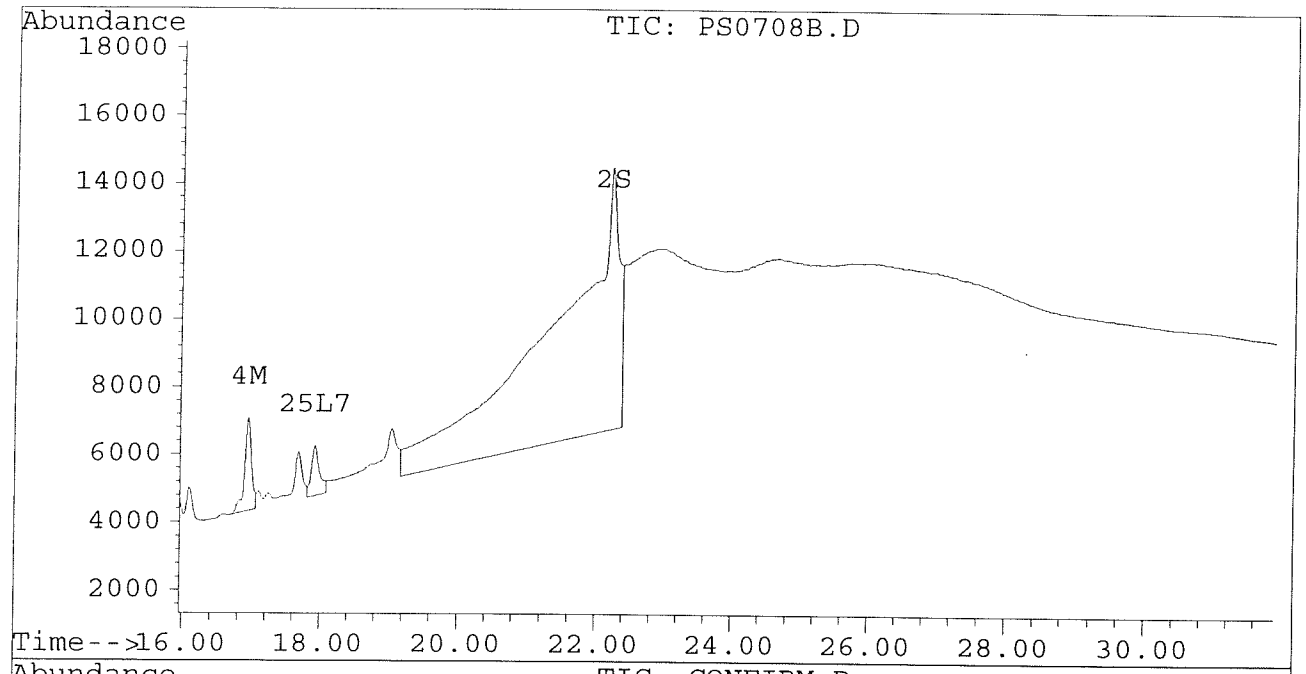
Vial: 2

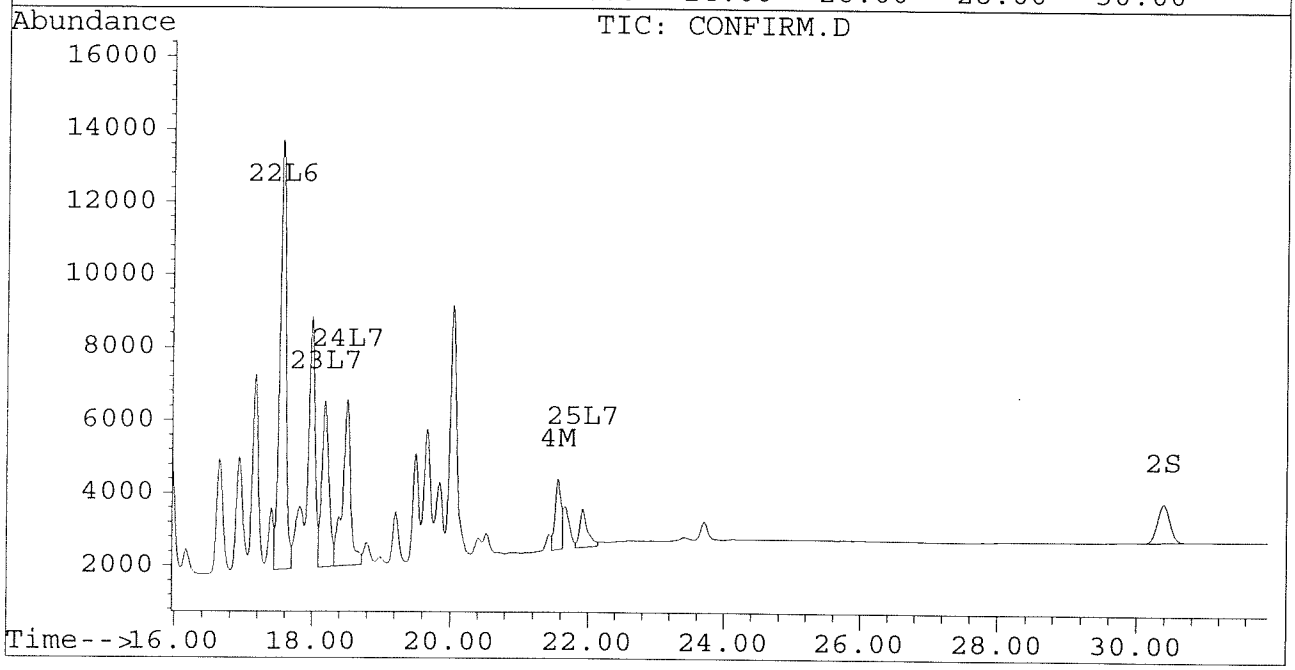
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL08\PS0708C.D\CONFIRM.D
Acq On : 08 Jul 96 10:14 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.42	4348	3944	0.019	0.021
				Recovery	=	47.50%	52.50%
2) S	Decachlorobiphenyl	22.23	30.38	6474	1051	0.032	0.013 #
				Recovery	=	80.00%	32.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	12478	9568	0.123	0.094
4) M	2,2',3,3',4,4'-Hexa	16.98	0.00	195	0	0.002	N.D. #
5) L1	Aroclor-1016	6.79	8.77	7649	3879	0.250	0.295
6) L1	Aroclor-1016 {2}	8.93	10.30	3616	6933	0.240	0.258
7) L1	Aroclor-1016 {3}	9.32	12.23	6054	4082	0.247	0.245
Total	Aroclor-1016			17318	14895	0.738	0.799
Average	Aroclor-1016					0.246	0.266
8) L2	Aroclor-1221	5.08	8.00	664	667	0.137	0.159
9) L2	Aroclor-1221 {2}	5.50	8.54	938	891	0.231	0.265
10) L2	Aroclor-1221 {3}	5.67	8.77	4428	3879	0.319	0.378
Total	Aroclor-1221			6030	5437	0.687	0.802
Average	Aroclor-1221					0.229	0.267
11) L3	Aroclor-1232	5.67	8.77	4428	3879	0.368	0.427
12) L3	Aroclor-1232 {2}	6.79	10.30	7649	6933	0.877	0.926
13) L3	Aroclor-1232 {3}	8.60	12.23	4638	4082	0.883	0.952
Total	Aroclor-1232			16715	14895	2.129	2.305
Average	Aroclor-1232					0.710	0.768
14) L4	Aroclor-1242	8.21	11.63	12478	9568	0.332	0.328
15) L4	Aroclor-1242 {2}	8.93	12.23	3616	4082	0.326	0.324
16) L4	Aroclor-1242 {3}	10.07	13.99	4983	4172	0.340	0.334
Total	Aroclor-1242			21077	17822	0.999	0.987
Average	Aroclor-1242					0.333	0.329
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL08\PS0708C.D\CONFIRM.D
Acq On : 08 Jul 96 10:14 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.45	0	1050	N.D.	0.041 #
21) L6 Aroclor-1254 {2}	13.43	15.70	1135	1093	0.034	0.039
22) L6 Aroclor-1254 {3}	15.83	17.55	157	1203	0.007	0.032 #
Total Aroclor-1254			1292	3346	0.041	0.112
Average Aroclor-1254					0.021	0.037
23) L7 Aroclor-1260	13.92	18.18	569	95	0.020	0.003 #
24) L7 Aroclor-1260 {2}	14.72	0.00	81	0	0.003	N.D. #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			650	95	0.023	0.003
Average Aroclor-1260					0.011	0.003
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

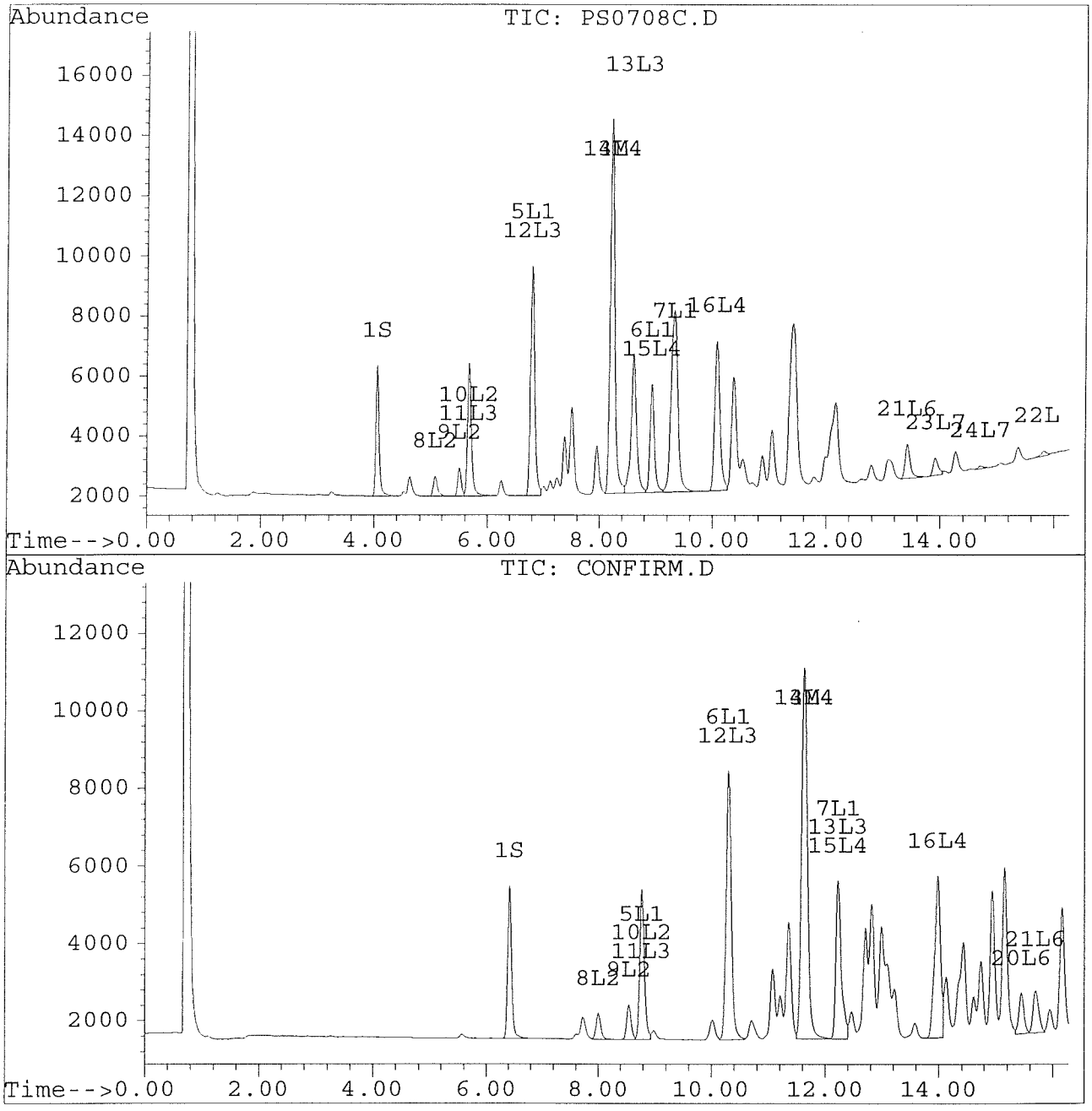
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL08\PS0708C.D\CONFIRM.D
Acq On : 08 Jul 96 10:14 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 10:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

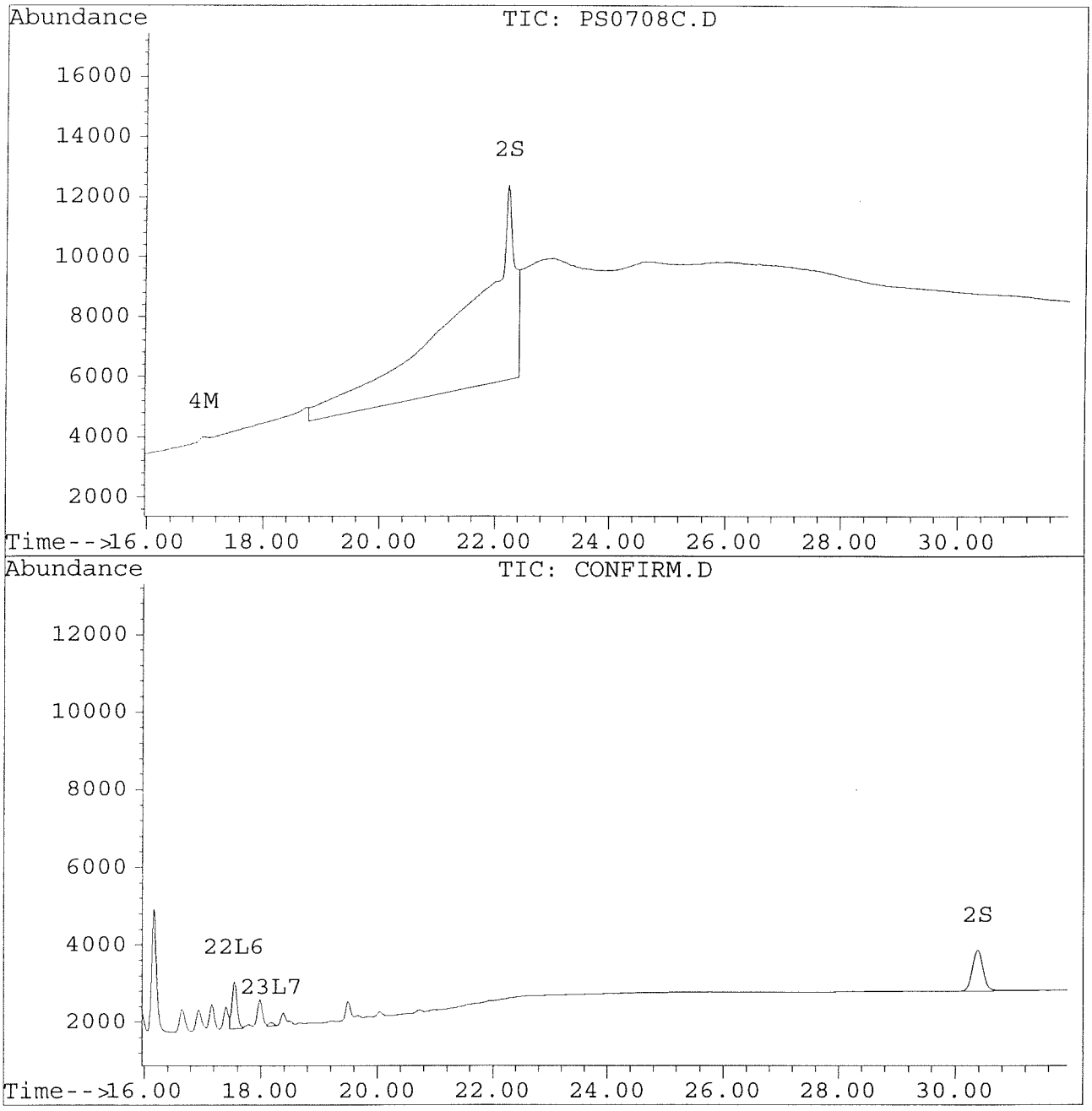
Signal #1 : D:\HPCHEM\5\JL08\PS0708C.D
Signal #2 : D:\HPCHEM\5\JL08\PS0708C.D\CONFIRM.D
Acq On : 08 Jul 96 10:14 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 8 10:48 1996

Vial: 3

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708D.D Vial: 7
Signal #2 : D:\HPCHEM\5\JL08\PS0708D.D\CONFIRM.D
Acq On : 08 Jul 96 12:49 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 13:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.05	6.42	4616	4084	0.020	0.022	
					Recovery	=	50.00%	55.00%	
2)	S	Decachlorobiphenyl	22.23	30.38	5975	1311	0.029	0.016	#
					Recovery	=	72.50%	40.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.21	11.63	17991	13952	0.177	0.138	
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.59	8271	1885	0.090	0.014	#
5)	L1	Aroclor-1016	6.79	8.77	10681	4736	0.350	0.360	
6)	L1	Aroclor-1016 {2}	8.93	10.30	5328	9683	0.354	0.361	
7)	L1	Aroclor-1016 {3}	9.32	12.23	8588	5911	0.351	0.355	
		Total Aroclor-1016			24596	20331	1.054	1.076	
		Average Aroclor-1016					0.351	0.359	
8)	L2	Aroclor-1221	5.08	8.00	757	741	0.157	0.177	
9)	L2	Aroclor-1221 {2}	5.50	8.54	1086	1020	0.267	0.303	
10)	L2	Aroclor-1221 {3}	5.67	8.77	5381	4736	0.388	0.461	
		Total Aroclor-1221			7225	6498	0.812	0.941	
		Average Aroclor-1221					0.271	0.314	
11)	L3	Aroclor-1232	5.67	8.77	5381	4736	0.448	0.522	
12)	L3	Aroclor-1232 {2}	6.79	10.30	10681	9683	1.225	1.293	
13)	L3	Aroclor-1232 {3}	8.60	12.23	6609	5911	1.259	1.379	
		Total Aroclor-1232			22671	20331	2.931	3.194	
		Average Aroclor-1232					0.977	1.065	
14)	L4	Aroclor-1242	8.21	11.63	17991	13952	0.479	0.478	
15)	L4	Aroclor-1242 {2}	8.93	12.23	5328	5911	0.481	0.470	
16)	L4	Aroclor-1242 {3}	10.07	13.99	6583	5337	0.450	0.428	
		Total Aroclor-1242			29902	25201	1.410	1.376	
		Average Aroclor-1242					0.470	0.459	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708D.D
Signal #2 : D:\HPCHEM\5\JL08\PS0708D.D\CONFIRM.D
Acq On : 08 Jul 96 12:49 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 8 13:23 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.45	4170	4118	0.156	0.160
21) L6	Aroclor-1254 {2}	13.44	15.69	6456	4257	0.195	0.153
22) L6	Aroclor-1254 {3}	15.82	17.53	10989	6290	0.475	0.168 #
Total	Aroclor-1254			21615	14665	0.826	0.482
Average	Aroclor-1254					0.275	0.161
23) L7	Aroclor-1260	13.92	18.18	10351	10526	0.362	0.351
24) L7	Aroclor-1260 {2}	14.71	18.50	11630	11333	0.379	0.344
25) L7	Aroclor-1260 {3}	17.92	21.91	15722	16233	0.413	0.348
Total	Aroclor-1260			37702	38092	1.154	1.042
Average	Aroclor-1260					0.385	0.347
26) L8	Aroclor-1268	18.85	23.35	3785	2991	NoCal	NoCal
27) L8	Aroclor-1268 {2}	19.03	23.54	10393	1899	NoCal	NoCal
28) L8	Aroclor-1268 {3}	21.81	28.14f	3447	494	NoCal	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.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708D.D
Signal #2 : D:\HPCHEM\5\JL08\PS0708D.D\CONFIRM.D
Acq On : 08 Jul 96 12:49 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 8 13:23 1996

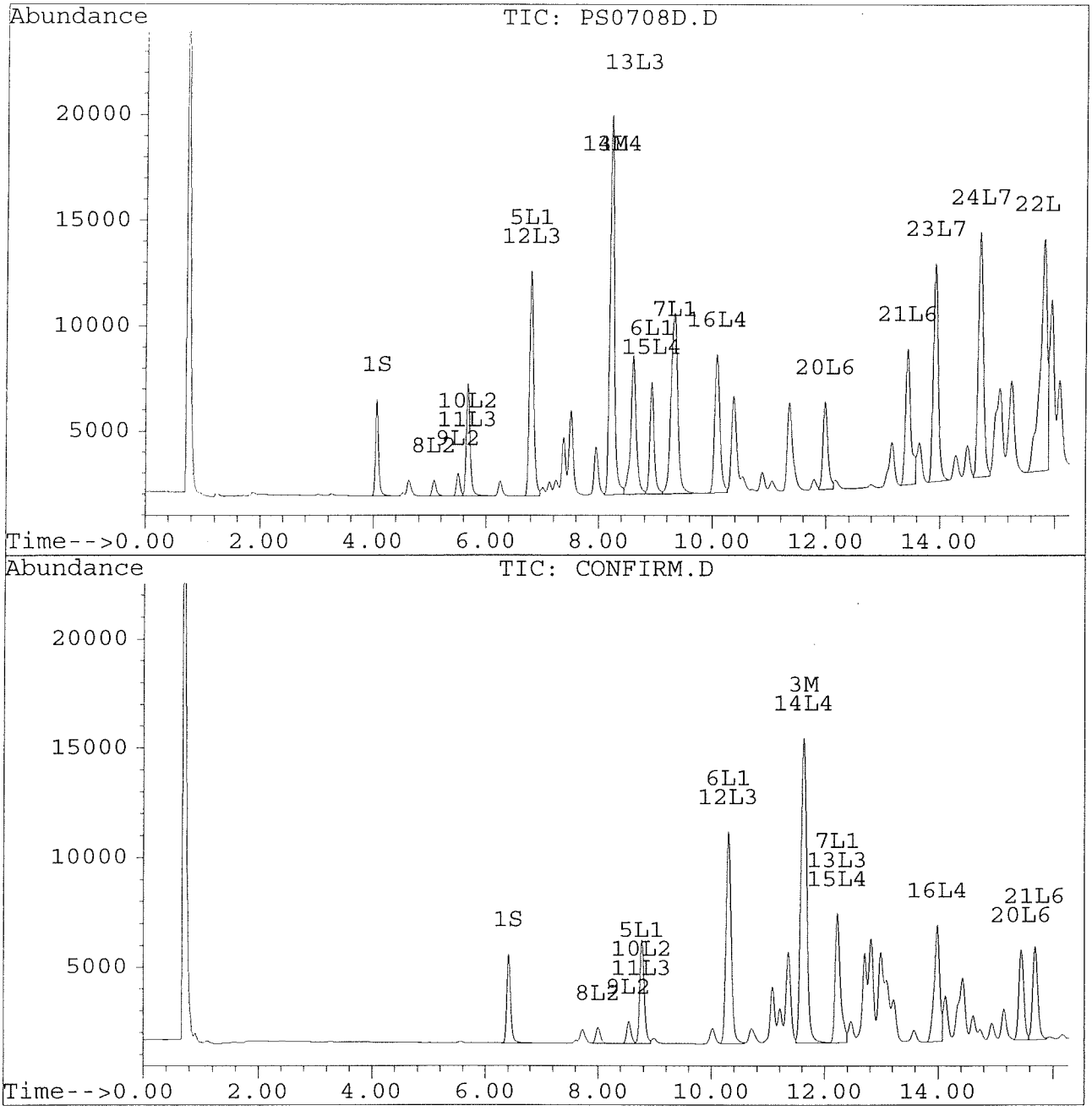
Vial: 7

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708D.D
Signal #2 : D:\HPCHEM\5\JL08\PS0708D.D\CONFIRM.D
Acq On : 08 Jul 96 12:49 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 8 13:23 1996

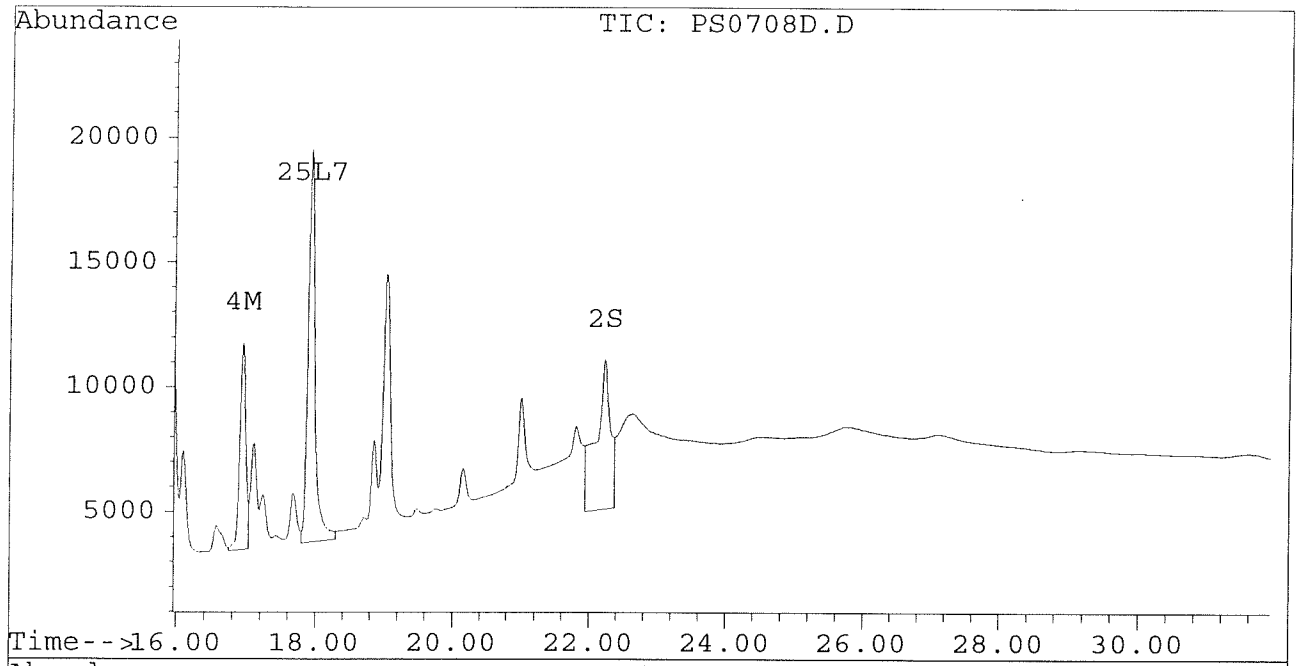
Vial: 7

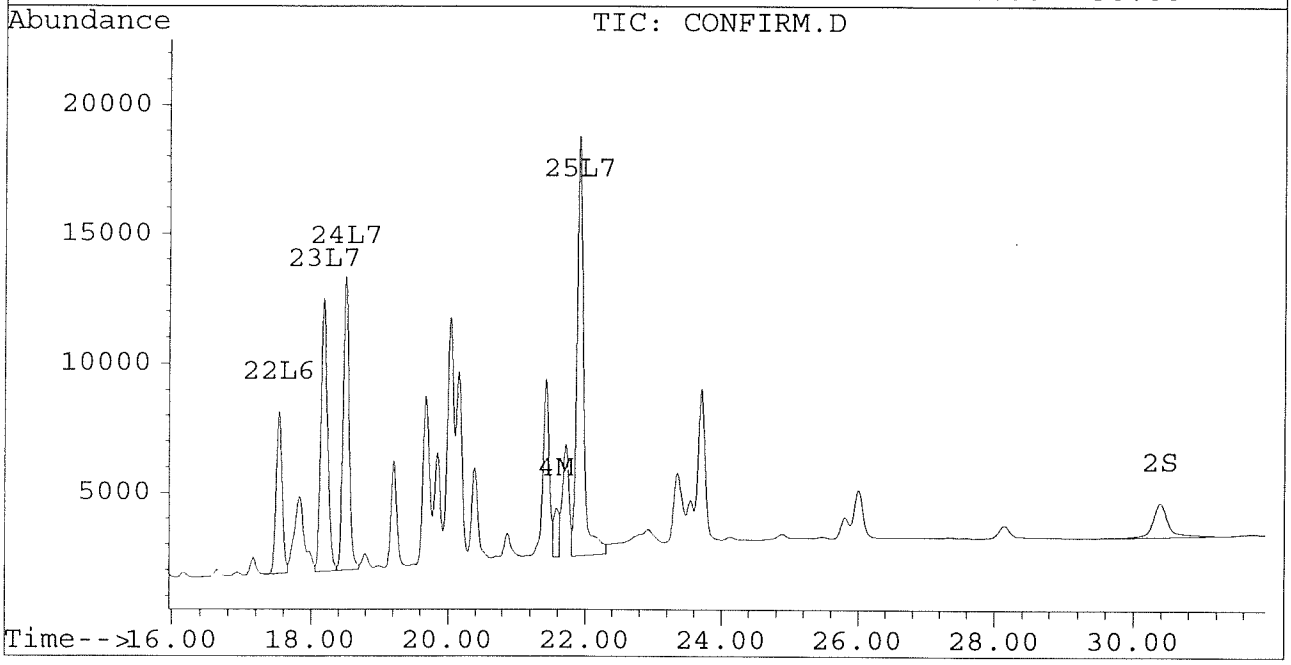
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708E.D Vial: 8
Signal #2 : D:\HPCHEM\5\JL08\PS0708E.D\CONFIRM.D
Acq On : 08 Jul 96 01:24 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 13:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.06	6.42	4495	4081	0.020	0.022	
					Recovery	=	50.00%	55.00%	
2)	S	Decachlorobiphenyl	22.22	30.38	4819	1427	0.024	0.017	#
					Recovery	=	60.00%	42.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.63	301	262	0.003	0.003	
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.56	2761	2493	0.030	0.019	#
5)	L1	Aroclor-1016	6.80	8.78	171	69	0.006	0.005	
6)	L1	Aroclor-1016 {2}	8.93	10.30	89	171	0.006	0.006	
7)	L1	Aroclor-1016 {3}	9.29f	12.23	5646	81	0.231	0.005	#
		Total Aroclor-1016			5906	321	0.242	0.016	
		Average Aroclor-1016					0.081	0.005	
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10)	L2	Aroclor-1221 {3}	5.68	8.78	74	69	0.005	0.007	#
		Total Aroclor-1221			74	69	0.005	0.007	
		Average Aroclor-1221					0.005	0.007	
11)	L3	Aroclor-1232	5.68	8.78	74	69	0.006	0.008	
12)	L3	Aroclor-1232 {2}	6.80	10.30	171	171	0.020	0.023	
13)	L3	Aroclor-1232 {3}	8.60	12.23	110	81	0.021	0.019	
		Total Aroclor-1232			355	321	0.047	0.049	
		Average Aroclor-1232					0.016	0.016	
14)	L4	Aroclor-1242	8.22	11.63	301	262	0.008	0.009	
15)	L4	Aroclor-1242 {2}	8.93	12.23	89	81	0.008	0.006	
16)	L4	Aroclor-1242 {3}	10.07	13.99	2637	2585	0.180	0.207	
		Total Aroclor-1242			3027	2927	0.196	0.222	
		Average Aroclor-1242					0.065	0.074	
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.	
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.	
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.	
		Total Aroclor-1248			0	0	N.D.	N.D.	
		Average Aroclor-1248					0.000	0.000	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708E.D Vial: 8
Signal #2 : D:\HPCHEM\5\JL08\PS0708E.D\CONFIRM.D
Acq On : 08 Jul 96 01:24 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 13:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.98	15.45	9474	8966	0.354	0.348
21) L6 Aroclor-1254 {2}	13.43	15.69	12763	9580	0.386	0.345
22) L6 Aroclor-1254 {3}	15.82	17.55	9246	13419	0.400	0.359
Total Aroclor-1254			31483	31965	1.140	1.052
Average Aroclor-1254					0.380	0.351
23) L7 Aroclor-1260	13.92	18.18	5910	4862	0.206	0.162
24) L7 Aroclor-1260 {2}	14.71	18.50	5172	5208	0.169	0.158
25) L7 Aroclor-1260 {3}	17.92	21.92	1218	1551	0.032	0.033
Total Aroclor-1260			12301	11620	0.407	0.353
Average Aroclor-1260					0.136	0.118
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.04	0.00	839	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

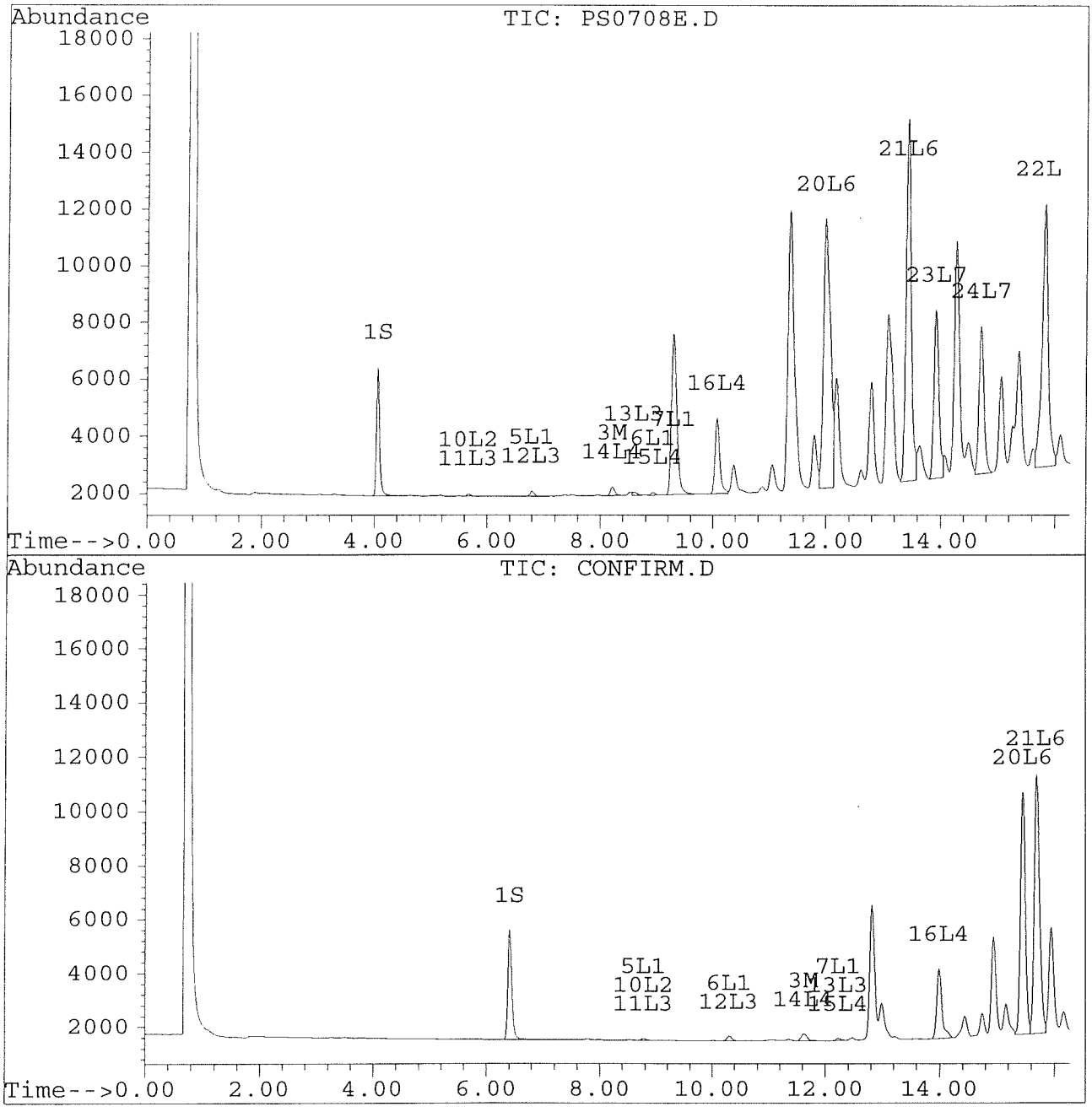
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708E.D Vial: 8
Signal #2 : D:\HPCHEM\5\JL08\PS0708E.D\CONFIRM.D
Acq On : 08 Jul 96 01:24 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 13:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

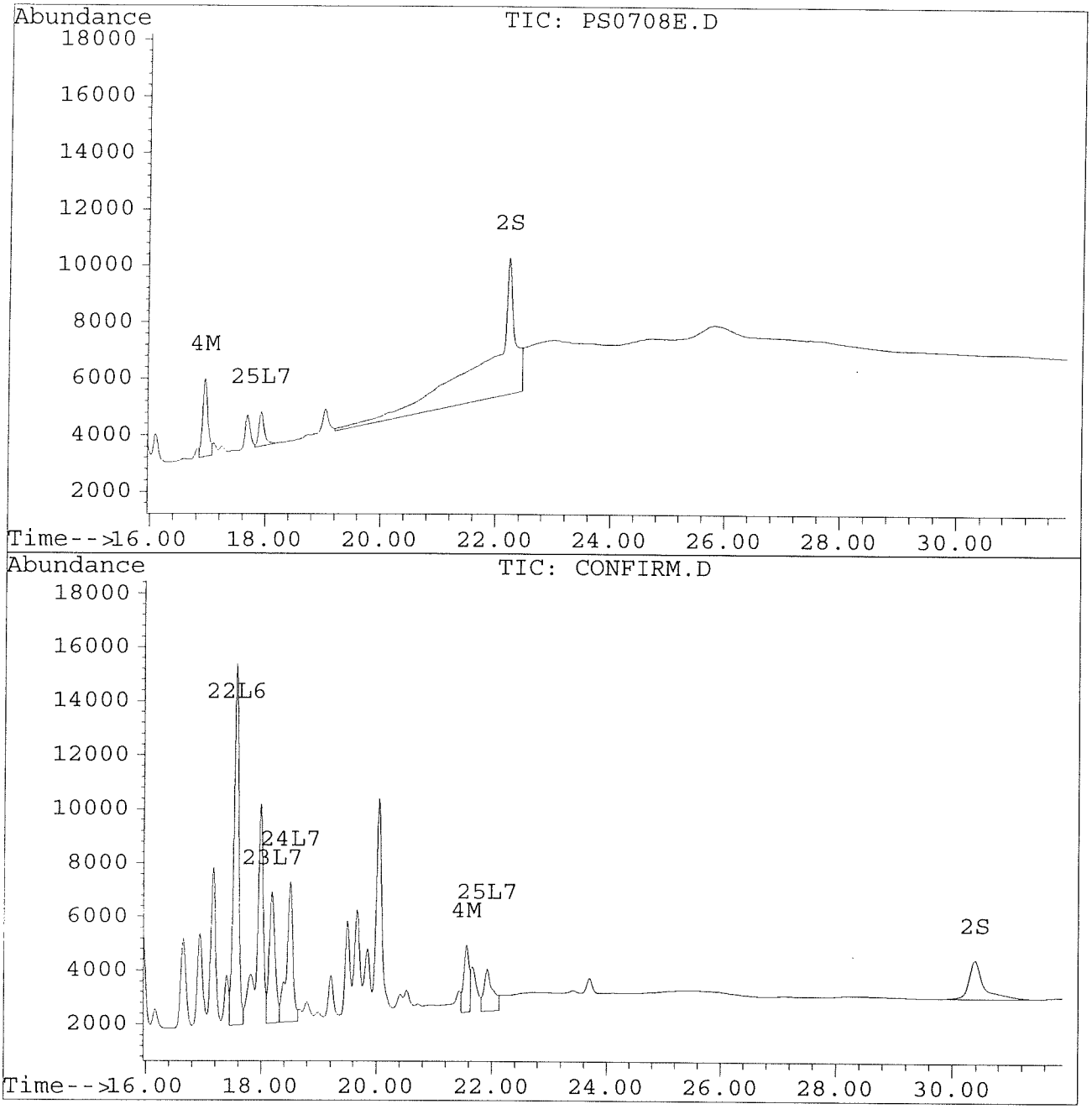
Signal #1 : D:\HPCHEM\5\JL08\PS0708E.D
Signal #2 : D:\HPCHEM\5\JL08\PS0708E.D\CONFIRM.D
Acq On : 08 Jul 96 01:24 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 8 13:58 1996

Vial: 8

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708F.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL08\PS0708F.D\CONFIRM.D
Acq On : 08 Jul 96 03:11 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 15:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.42	4359	3983	0.019	0.021
				Recovery	=	47.50%	52.50%
2) S	Decachlorobiphenyl	22.22	30.38	3982	1165	0.020	0.014 #
				Recovery	=	50.00%	35.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	12792	10240	0.126	0.101
4) M	2,2',3,3',4,4'-Hexa	0.00	21.57	0	253	N.D.	0.002 #
5) L1	Aroclor-1016	6.79	8.77	7772	4037	0.254	0.307
6) L1	Aroclor-1016 {2}	8.93	10.30	3693	7157	0.245	0.267
7) L1	Aroclor-1016 {3}	9.32	12.23	6212	4465	0.254	0.268
Total	Aroclor-1016			17677	15659	0.753	0.842
Average	Aroclor-1016					0.251	0.281
8) L2	Aroclor-1221	5.07	8.00	670	672	0.139	0.160
9) L2	Aroclor-1221 {2}	5.50	8.54	939	905	0.231	0.269
10) L2	Aroclor-1221 {3}	5.67	8.77	4481	4037	0.323	0.393
Total	Aroclor-1221			6091	5614	0.693	0.822
Average	Aroclor-1221					0.231	0.274
11) L3	Aroclor-1232	5.67	8.77	4481	4037	0.373	0.445
12) L3	Aroclor-1232 {2}	6.79	10.30	7772	7157	0.891	0.956
13) L3	Aroclor-1232 {3}	8.60	12.23	4728	4465	0.900	1.041
Total	Aroclor-1232			16981	15659	2.165	2.442
Average	Aroclor-1232					0.722	0.814
14) L4	Aroclor-1242	8.21	11.63	12792	10240	0.341	0.351
15) L4	Aroclor-1242 {2}	8.93	12.23	3693	4465	0.333	0.355
16) L4	Aroclor-1242 {3}	10.07	13.98	5031	4397	0.344	0.352
Total	Aroclor-1242			21517	19102	1.018	1.058
Average	Aroclor-1242					0.339	0.353
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708F.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL08\PS0708F.D\CONFIRM.D
Acq On : 08 Jul 96 03:11 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 15:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.45	0	1099	N.D.	0.043 #
21) L6 Aroclor-1254 {2}	13.43	15.70	1141	1172	0.034	0.042
22) L6 Aroclor-1254 {3}	15.83	17.55	130	1298	0.006	0.035 #
Total Aroclor-1254			1271	3570	0.040	0.120
Average Aroclor-1254					0.020	0.040
23) L7 Aroclor-1260	13.92	18.18	573	115	0.020	0.004 #
24) L7 Aroclor-1260 {2}	14.71	0.00	90	0	0.003	N.D. #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			663	115	0.023	0.004
Average Aroclor-1260					0.011	0.004
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

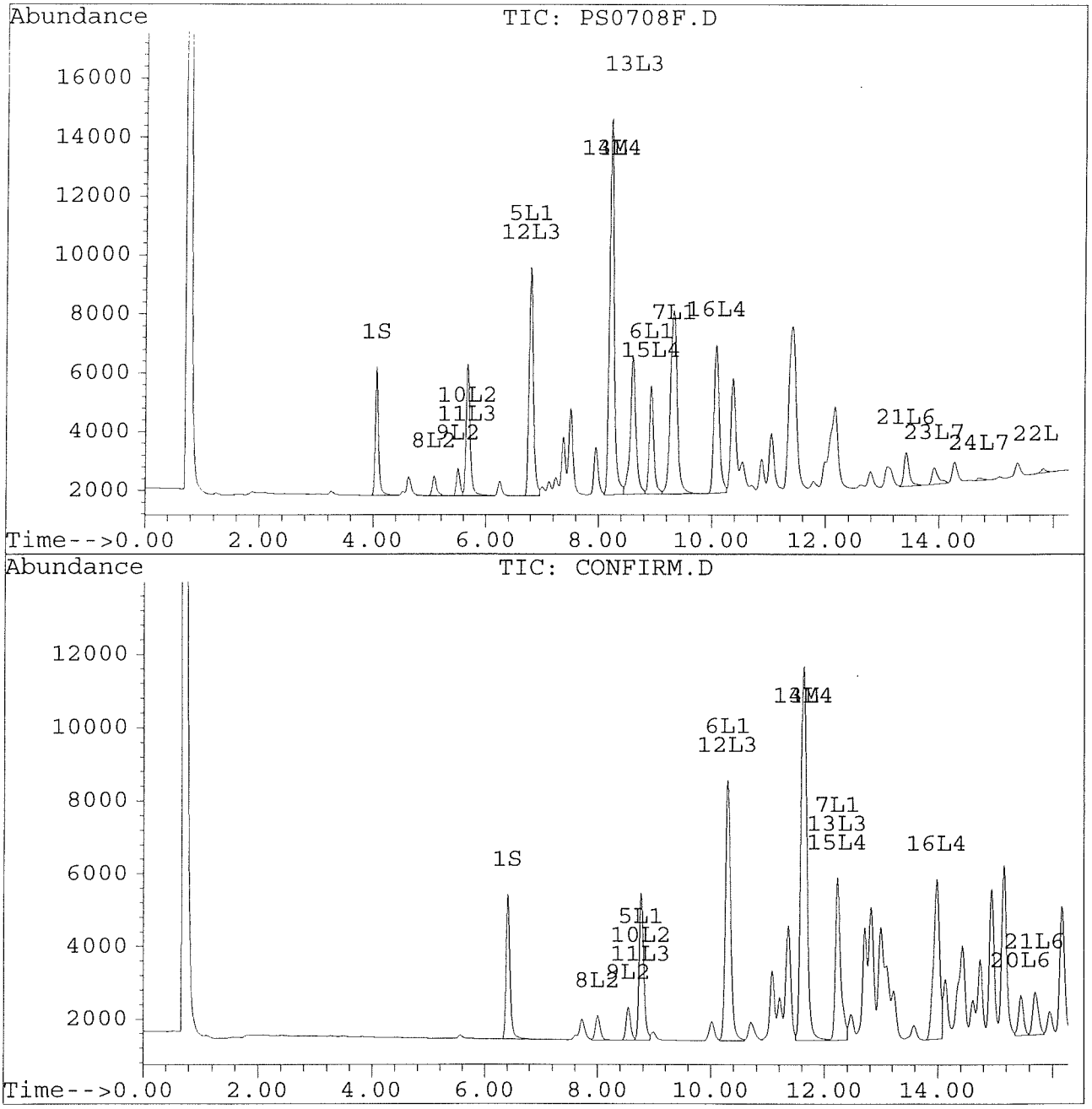
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708F.D
Signal #2 : D:\HPCHEM\5\JL08\PS0708F.D\CONFIRM.D
Acq On : 08 Jul 96 03:11 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 8 15:45 1996

Vial: 11
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

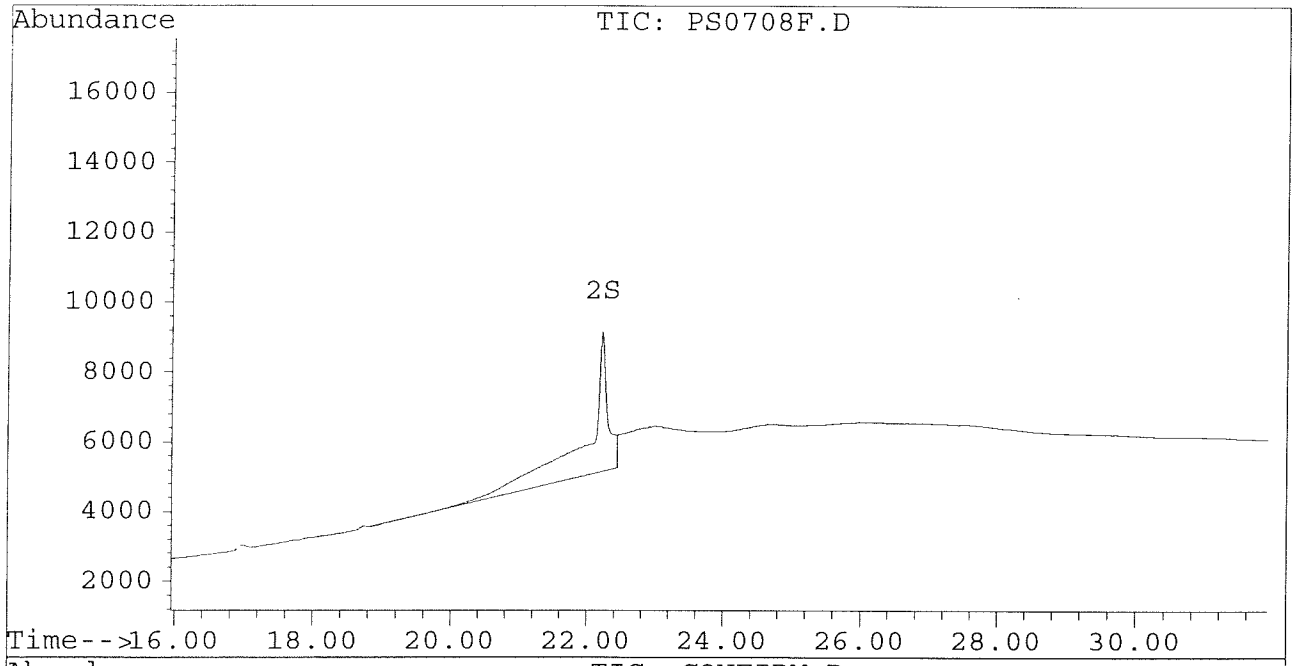


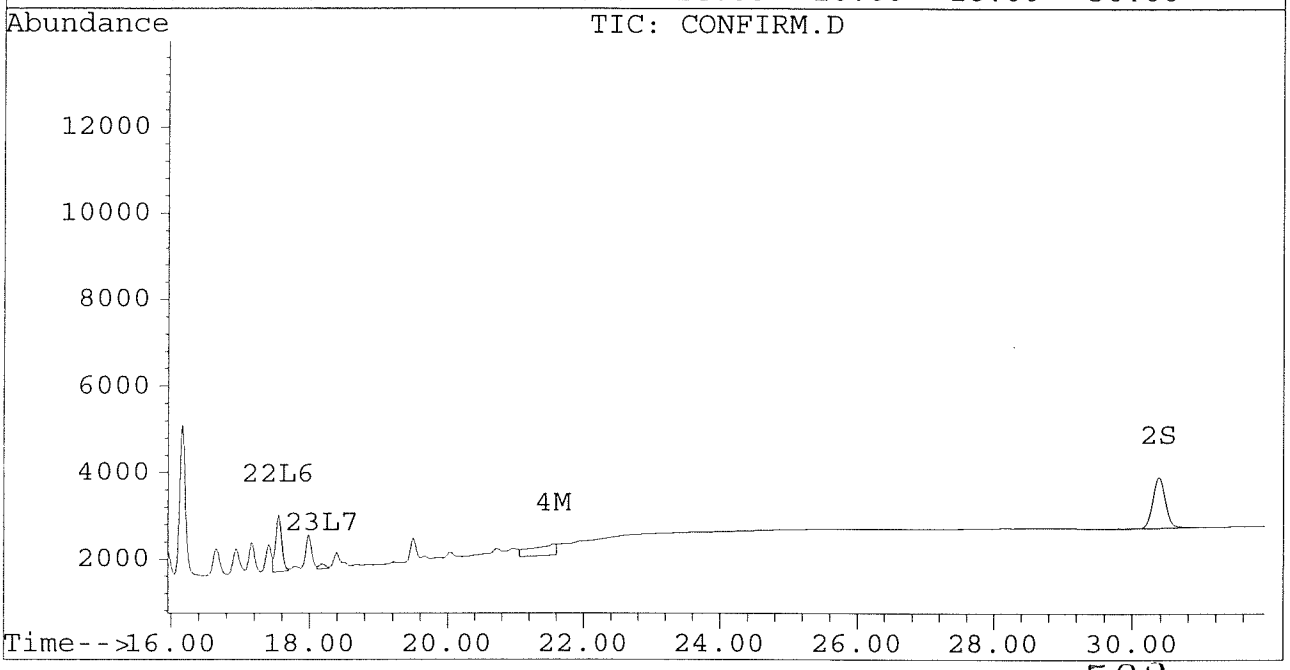
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL08\PS0708F.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL08\PS0708F.D\CONFIRM.D
Acq On : 08 Jul 96 03:11 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 8 15:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





MITKEM CORPORATION

Lab Project #: **C0575**
Client Name: **VHB, Inc.**
Client Project #: **70632.13**
Client PO #:
Project Name: **Boliden Metech, Inc.**
Date Due: **7/8/96**
Total Price: **$ 2,660.00**
Deliverables Req'd: **NA**
Case Completed: **YES**

Logged In By: MS
Reviewed By: Only 1 TCL sample #48
Date: 6/24/96 Time: 15:32
49-76 on 6/24/96

Lab ID	Client ID	Matrix	Analysis	Price	Sampled	Received	Comments	EXTRACTED BY
-01	PA4:C6	SL	PCB	70.00	6/14/96	6/24/96		6/28/96
-02	DA4:C6	SL	PCB	0.00	6/14/96	6/24/96	HOLD	6/28/96
-03	RA4:C6	SL	PCB	0.00	6/14/96	6/24/96	HOLD	6/28/96
-04	PA7:C9	SL	PCB	70.00	6/6/96	6/24/96		6/24/96
-05	DA7:C9	SL	PCB	0.00	6/6/96	6/24/96	HOLD	6/24/96
-06	RA7:C9	SL	PCB	0.00	6/6/96	6/24/96	HOLD	6/24/96
-07	PA10:C12	SL	PCB	70.00	6/13/96	6/24/96		6/27/96
-08	DA10:C12	SL	PCB	70.00	6/13/96	6/24/96		6/27/96
-09	RA10:C12	SL	PCB	0.00	6/13/96	6/24/96	HOLD	6/27/96
-10	PD4:F6	SL	PCB	70.00	6/13/96	6/24/96		6/27/96
-11	DD4:F6	SL	PCB	0.00	6/13/96	6/24/96	HOLD	6/27/96
-12	RD4:F6	SL	PCB	0.00	6/13/96	6/24/96	HOLD	6/27/96
-13	PD7:F09	SL	PCB	70.00	6/6/96	6/24/96		6/25/96

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MITKEM CORPORATION

Lab ID	Client ID	Matrix	Analysis	Price	Sampled	Received	Comments	EXTRACTED BY
-14	DD7:F09	SL	PCB	0.00	6/6/96	6/24/96	HOLD	6/25/96
-15	RD7:F09	SL	PCB	0.00	6/6/96	6/24/96	HOLD	6/25/96
-16	PD10:F12	SL	PCB	70.00	6/14/96	6/24/96		6/28/96
-17	DD10:F12	SL	PCB	0.00	6/14/96	6/24/96	HOLD	6/28/96
-18	RD10:F12	SL	PCB	0.00	6/14/96	6/24/96	HOLD	6/28/96
-19	PG4:I6	SL	PCB	70.00	6/12/96	6/24/96		6/27/96
-20	DG4:I6	SL	PCB	0.00	6/12/96	6/24/96	HOLD	6/27/96
-21	RG4:I6	SL	PCB	0.00	6/12/96	6/24/96	HOLD	6/27/96
-22	PG10:I12	SL	PCB	70.00	6/14/96	6/24/96		6/28/96
-23	DG10:I12	SL	PCB	0.00	6/14/96	6/24/96	HOLD	6/28/96
-24	RG10:I12	SL	PCB	0.00	6/14/96	6/24/96	HOLD	6/28/96
-25	PJ4:L6	SL	PCB	70.00	6/12/96	6/24/96		6/27/96
-26	DJ4:L6	SL	PCB	0.00	6/12/96	6/24/96	HOLD	6/27/96
-27	RJ4:L6	SL	PCB	0.00	6/12/96	6/24/96	HOLD	6/27/96
-28	PJ10:I12	SL	PCB	70.00	6/13/96	6/24/96		6/27/96
-29	DJ10:I12	SL	PCB	0.00	6/13/96	6/24/96	HOLD	6/27/96
-30	RJ10:I12	SL	PCB	0.00	6/13/96	6/24/96	HOLD	6/27/96
-31	PM4:O6	SL	PCB	70.00	6/12/96	6/24/96		6/27/96
-32	DM4:O6	SL	PCB	0.00	6/12/96	6/24/96	HOLD	6/27/96

MITKEM CORPORATION

Lab ID	Client ID	Matrix	Analysis	Price	Sampled	Received	Comments	EXTRACTED BY
-33	RM4:O6	SL	PCB	0.00	6/12/96	6/24/96	HOLD	6/27/96
-34	PM7:O9	SL	PCB	70.00	6/10/96	6/24/96		6/26/96
-35	DM7:O9	SL	PCB	0.00	6/10/96	6/24/96	HOLD	6/26/96
-36	RM7:O9	SL	PCB	0.00	6/10/96	6/24/96	HOLD	6/26/96
-37	PM10:O12	SL	PCB	70.00	6/13/96	6/24/96		6/27/96
-38	DM10:O12	SL	PCB	0.00	6/13/96	6/24/96	HOLD	6/27/96
-39	RM10:O12	SL	PCB	0.00	6/13/96	6/24/96	HOLD	6/27/96
-40	PP4:R6	SL	PCB	70.00	6/11/96	6/24/96		6/26/96
-41	DP4:R6	SL	PCB	0.00	6/11/96	6/24/96	HOLD	6/26/96
-42	RP4:R6	SL	PCB	0.00	6/11/96	6/24/96	HOLD	6/26/96
-43	PP10:R12	SL	PCB	70.00	6/13/96	6/24/96		6/27/96
-44	DP10:R12	SL	PCB	70.00	6/13/96	6/24/96		6/27/96
-45	RP10:R12	SL	PCB	0.00	6/13/96	6/24/96	HOLD	6/27/96
-46	BS10:U12	SL	PCB	70.00	6/13/96	6/24/96		6/27/96
-47	BV10:X12	SL	PCB	70.00	6/13/96	6/24/96		6/27/96
-48	PS04:U06	SL	PCB	70.00	6/11/96	6/24/96		6/26/96
-49	DS04:U06	SL	PCB	0.00	6/11/96	6/24/96	HOLD	6/26/96
-50	RS04:U06	SL	PCB	0.00	6/11/96	6/24/96	HOLD	6/26/96
-51	PS10:U12	SL	PCB	70.00	6/13/96	6/24/96		6/27/96

MITKEM CORPORATION

Lab ID	Client ID	Matrix	Analysis	Price	Sampled	Received	Comments	EXTRACTED BY
-52	DS10:U12	SL	PCB	0.00	6/13/96	6/24/96	HOLD	6/27/96
-53	RS10:U12	SL	PCB	0.00	6/13/96	6/24/96	HOLD	6/27/96
-54	PV04:X06	SL	PCB	70.00	6/11/96	6/24/96		6/26/96
-55	DV04:X06	SL	PCB	0.00	6/11/96	6/24/96	HOLD	6/26/96
-56	RV04:X06	SL	PCB	0.00	6/11/96	6/24/96	HOLD	6/26/96
-57	PV10:X12	SL	PCB	70.00	6/12/96	6/24/96		6/27/96
-58	DV10:X12	SL	PCB	0.00	6/12/96	6/24/96	HOLD	6/27/96
-59	RV10:X12	SL	PCB	0.00	6/12/96	6/24/96	HOLD	6/27/96
-60	L4	SL	PCB	0.00			HOLD	
-61	DE QAQC M1:O3	W	PCB	70.00	6/19/96	6/24/96		6/26/96
-62	DE QAQC M4:O6	W	PCB	70.00	6/20/96	6/24/96		6/27/96
-63	DE QAQC D4:F6	W	PCB	70.00	6/20/96	6/24/96		6/27/96
-64	DE QAQC D7:F9	W	PCB	70.00	6/20/96	6/24/96		6/27/96
-65	DE QAQC G10:I12	W	PCB	70.00	6/20/96	6/24/96		6/27/96
-66	DE QAQC P1:R3	W	PCB	70.00	6/19/96	6/24/96		6/26/96
-67	DE QAQC G1:I3	W	PCB	70.00	6/19/96	6/24/96		6/26/96
-68	DE QAQC G7:I9	W	PCB	70.00	6/19/96	6/24/96		6/26/96
-69	DE QAQC J1:L3	W	PCB	70.00	6/19/96	6/24/96		6/26/96
-70	DE QAQC D1:F3	W	PCB	70.00	6/19/96	6/24/96		6/26/96

MITKEM CORPORATION

Lab ID	Client ID	Matrix	Analysis	Price	Sampled	Received	Comments	EXTRACTED BY
-71	DE QAQC V7:X9	W	PCB	70.00	6/19/96	6/24/96		6/26/96
-72	DE QAQC P4:R6	W	PCB	70.00	6/20/96	6/24/96		6/27/96
-73	DE QAQC C1:F3	W	PCB	70.00	6/19/96	6/24/96	EXTRACT; HOLD ANALYSIS	6/26/96
-74	DE QAQC J10:F12	W	PCB	0.00	6/20/96	6/24/96		6/27/96
-75	SDE QAQC U2	W	PCB	70.00	6/19/96	6/24/96		6/26/96
-76	SDE QAQC L4	W	PCB	70.00	6/20/96	6/24/96		6/27/96

TPH	IR	BNA	Herb	P/P	Wet	Met	Voa
0	0	0	0	38	0	0	0

NOTES:

ORIGINAL REPORT GOES TO:
VHB, Inc.
101 Walnut Street
Watertown, MA 02272
ATT: Jeff Gower
Phone: 617 924-1770
Fax: 617 923-2336

INVOICE GOES TO:
same

ADDITIONAL REPORT GOES TO:
none

ADDITIONAL REPORT GOES TO:
none

MEITEM CORPORATION
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CHAIN-OF-CUSTODY RECORD

INVOICE TO		REPORT TO		
COMPANY Vanasse Hangen Brustlin	PHONE 617-924-1770	COMPANY	PHONE	LAB REFERENCE #:
NAME Jeff Gower	FAX 617-923-2390	NAME	FAX	
ADDRESS 6/21/96		ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP Watertown, MA		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Baldwin Metech	70632	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	8020-PCB	COMMENTS
										MUST BE EXTRACTED BY
PA4:C6	6/14/96	X			X			1	X	6/28/96
DA4:C6	6/14/96	X			X			1		Hold 6/28/96
RA4:C6	6/14/96	X			X			1		Hold 6/28/96
PA7:C9	6/6/96	X			X			1	X	6/24/96
DA7:C9	6/6/96	X			X			1		Hold 6/24/96
RA7:C9	6/6/96	X			X			1		Hold 6/24/96
PA10:C12	6/13/96	X			X			1	X	6/27/96
DA10:C12	6/13/96	X			X			1	X	6/27/96
RA10:C12	6/13/96	X			X			1		Hold 6/27/96
PD4:F6	6/13/96	X			X			1	X	6/27/96
DD4:F6	6/13/96	X			X			1		Hold 6/27/96
RD4:F6	6/13/96	X			X			1		Hold 6/27/96

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
1st	David Carlson	6/24/96 17:50	[illegible]	6/24/96 17:50	Per Client's Request Sample's on Hold were put on Freezer on 6/25/96 at 13:30	
2nd		/		/		
3rd		/		/		

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CHAIN-OF-CUSTODY RECORD

924-1770

INVOICE TO		REPORT TO		
COMPANY Vanasse Hangen Brustlin	PHONE 617-924-1770	COMPANY	PHONE	LAB REFERENCE #:
NAME Jeff Gower	FAX 617-923-2336	NAME	FAX	
ADDRESS 10 Walnut St.		ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP Watertown, MA 02173		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Bolden Metech	70632.13	

REQUESTED ANALYSES: TCL-8260

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	COMMENTS
PD7:F09	6/6/96	X			X			1	Sampling Must be Performed By 6/25/96
HD7:F09	6/6/96	X			X			1	Hold 6/25/96
RD7:F09	6/6/96	X			X			1	Hold 6/25/96
PD10:F12	6/14/96	X			X			1	6/28/96
HD10:F12	6/14/96	X			X			1	Hold 6/28/96
RD10:F12	6/14/96	X			X			1	Hold 6/28/96
PG4:I6	6/12/96	X			X			1	6/27/96
DG4:I6	6/12/96	X			X			1	Hold 6/27/96
RG4:I6	6/12/96	X			X			1	Hold 6/27/96
PG10:I12	6/14/96	X			X			1	6/28/96
DG10:I12	6/14/96	X			X			1	Hold 6/28/96
RG10:I12	6/14/96	X			X			1	Hold 6/28/96

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
1st	David Carlson	6/24/96 7:30			Per Client's Request Samples on hold were put in freezer	

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CHAIN-OF-CUSTODY RECORD

INVOICE TO		REPORT TO		
COMPANY ~~Vanasse~~ VHB	PHONE 617-924-1770	COMPANY	PHONE	LAB REFERENCE #:
NAME Jeff Gower	FAX 617-924-7336	NAME	FAX	
ADDRESS 101 Walnut St.		ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP Watertown, MA		CITY/ST/ZIP		

CLIENT PROJECT NAME: Baldwin Meadow

CLIENT PROJECT #: 7062.03

CLIENT P.O.#:

REQUESTED ANALYSES: RCB-8260

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	RCB-8260	COMMENTS
PJ4:L6	6/12/96	X			X			1	X	MUST BE EXTRACTED BY 6/27/96
DJ4:L6	6/12/96	X			X			1		Hold 6/27/96
RJ4:L6	6/12/96	X			X			1		Hold 6/27/96
PJ10:I12	6/13/96	X			X			1	X	6/27/96
DJ10:I12	6/13/96	X			X			1		Hold 6/27/96
RJ10:I12	6/13/96	X			X			1		Hold 6/27/96
PM4:06	6/12/96	X			X			1	X	6/27/96
DM4:06	6/12/96	X			X			1		Hold 6/27/96
RM4:06	6/12/96	X			X			1		Hold 6/27/96
PM7:09	6/10/96	X			X			1	X	6/26/96
DM7:09	6/10/96	X			X			1		Hold 6/26/96
RM7:09	6/10/96	X			X			1		Hold 6/26/96

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
1st	David Carlson	6/14/96 7:50	[illegible]	6/14/96 17:20
2nd		/		/
3rd		/		/

ADDITIONAL REMARKS: Per Client's Request Samples on Hold were put in Freezer on 6/24/96 at 13:30

COOLER TEMP:

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570

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CHAIN-OF-CUSTODY RECORD

INVOICE TO		REPORT TO		
COMPANY VHB	PHONE 617-924-1170	COMPANY	PHONE	LAB REFERENCE #:
NAME Jeff Gower	FAX 617-924-2334	NAME	FAX	
ADDRESS 101 Walnut St.		ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP Watertown, MA 02172		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Bolidar Metech	70632.13	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	PCB-8080	COMMENTS
DMD:012	6/12/96	X			X			1	X	MUST BE EXTRACTED BY 6/27/96
DM10:012	6/13/96	X			X			1		Hold 6/27/96
RMD:012	6/13/96	X			X			1		Hold 6/27/96
PP4:R6	6/11/96	X			X			1	X	6/25/96
DP4:K6	6/11/96	X			X			1		Hold 6/24/96
RP4:R6	6/11/96	X			X			1		Hold 6/26/96
PP10:R12	6/13/96	X			X			1	X	6/27/96
DP10:R12	6/13/96	X			X			1	X	6/27/96
RP10:R12	6/13/96	X			X			1		Hold 6/27/96
BS10:U12	6/13/96	X			X			1	X	6/27/96
BV10:X12	6/13/96	X			X			1	X	6/27/96
	6/13/96	X						1		6/27/96

TSP#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
1st	David Cashen	6/24/96 7:50		6/24/96 17:50	Per Clients Request Samples on hold were put in freezer on 6/27/96 at 13:30	
2nd		/		/		
3rd		/		/		

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CHAIN-OF-CUSTODY RECORD

INVOICE TO		REPORT TO		
COMPANY VAB	PHONE 617-924-1170	COMPANY	PHONE	LAB REFERENCE #:
NAME Jeff Gower	FAX 617-923-2336	NAME	FAX	
ADDRESS 10 Walnut Street		ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP Watertown, MA 02172		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Boliden Metech	70632.13	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	PCB-8080	COMMENTS
PS04:U06	6/11/96	X			X				X	Must be Extracted by: 6/26/96
PS04:U06	6/11/96	X			X					Hold 6/26/96
RS04:U06	6/11/96	X			X					Hold 6/26/96
PS10:U12	6/13/96	X			X				X	6/27/96
DS10:U12	6/13/96	X			X					Hold 6/27/96
RS10:U12	6/13/96	X			X					Hold 6/27/96
PV04:X06	6/11/96	X			X				X	6/26/96
DV04:X06	6/11/96	X			X					Hold 6/26/96
RV04:X06	6/11/96	X			X					Hold 6/26/96
PV10:X12	6/12/96	X			X				X	6/27/96
DV10:X12	6/12/96	X			X					Hold 6/27/96
RV10:X12	6/12/96	X			X					Hold 6/27/96

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
1st	David Cuba	6/24/96 7:50	[illegible]	6/24/96 10:10	For Clients request Samples Put on hold were put in freezer on 6/24/96 at 13:30	
2nd		/		/		
3rd		/		/		

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5712

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CHAIN-OF-CUSTODY RECORD

INVOICE TO		REPORT TO		
COMPANY Vanasse Hangen Brustlin	PHONE 617-924-1770	COMPANY	PHONE	LAB REFERENCE #:
NAME Jeff Gower	FAX 617-969-2336	NAME	FAX	
ADDRESS 6/21/96		ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP Watertown, MA		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Bolidex Metech	70632.13	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: PCB-8080	COMMENTS: MUST BE EXTRACTED BY
L4	/				X			2	Hold	
DEQAQLM1:D3	6/19/96			X				1	X	6/26/96
DEQAQLM4:D6	6/20/96			X				1	X	6/27/96
DEQAQLD4:F6	6/20/96			X				1	X	6/27/96
DEQAQLD7:F9	6/20/96			X				1	X	6/27/96
DEQAQLG10:I12	6/20/96			X				1	X	6/27/96
DEQAQLP1:B3	6/19/96			X				1	X	6/26/96
DEQAQLG1:I3	6/19/96			X				1	X	6/26/96
DEQAQLG7:I9	6/19/96			X				1	X	6/26/96
DEQAQLJ1:L3	6/19/96			X				1	X	6/26/96
DEQAQLD1:F3	6/19/96			X				1	X	6/26/96
DEQAQLV7:X9	6/19/96			X				1	X	6/26/96

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
1st	David Carlson	6/24/96 7:50	[illegible]	[illegible]
2nd		/		/
3rd		/		/

ADDITIONAL REMARKS: Per Client's Request Samples on hold were put in freezer on 6/27/96 at 13:30

COOLER TEMP:

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CHAIN-OF-CUSTODY RECORD

INVOICE TO		REPORT TO		
COMPANY VHB	PHONE	COMPANY	PHONE	LAB REFERENCE #:
NAME Jeff Gower	FAX	NAME	FAX	
ADDRESS 101 WALNUT ST.		ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP WATERTOWN, MA		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Boliden Metech	10632.13	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	PCB-8080	COMMENTS
DEQHQCP4:R6	6/20/96			X					X	MUST BE EXPLAINED BY 6/27/96
DEQHQC4:F3	6/19/96			X					X	6/26/96
DEQHQCJD:C12	6/20/96			X					X	Hold 6/27/96
SDEQHQC[illegible]12	6/19/96			X					X	6/26/96
SDEQHQC4	6/20/96			X					X	6/27/96
	/									
	/									
	/									
	/									
	/									
	/									
	/									

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
1st	David Carlson	6/24/96 7:50	[illegible]	[illegible] 10	Per Clients Request Samples On hold were put in freezer on 6/24/96 at 13:30	
2nd		/		/		
3rd		/		/		

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Last Page of Data Report