SR-28-0143

Appendix F - PCB Cleanup Verification Report, 4 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

RECEIVED
MAY - 4 1998

March 1998

MITKEM CORPORATION

Client: VHB, Inc.

Client Project: 70632.13 Phase 1

(Boliden Metech, Inc.)

Lab Project No.: C0560

Date Samples Received: June 20, 1996

Project Narrative

Nine (9) aqueous and forty (40) soil samples were received from VHB, Inc. on June 20, 1996 and analyzed for the parameters specified in the Chain of Custody Form. Per client's request, analyses were not performed for twenty four (24) 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.

Due to an oversight, surrogates were not added to the Lab Control sample for the soil samples.

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

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MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0620-B1
Extration Date: 6/20/96
Matrix: Soil

		Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0560-01	BW09 Primary	102%	85%
C0560-04	BX07 Primary	98%	105%
C0560-07	PD01:F3	125%	100%
C0560-10	PG1:I3	100%	100%
C0560-11	DG1:I3	100%	100%
C0560-13	PJ01:L03	75%	100%
C0560-16	PM01:O03	125%	100%
C0560-18	PP01:R03	100%	150%
C0560-21	PS01:U03	100%	100%
C0560-24	PV01:X03	100%	125%
C0560-26	PJ7:L9	150%	150%
C0560-29	PS7:U9	75%	75%
C0560-32	PV07:X09	105%	165%
C0560-33	DV07:X09	102%	120%
C0560-44	PP07:R09	105%	180%
C0560-47	PG7:I9	88%	88%
QA/QC			
Method Blank			
P0620-B1		110%	98%
Lab Control Sample			
P0620-LCS1		*	*
Matrix Spike Summary			
C0560-04MS		127%	135%
C0560-04MSD		90%	90%

* Surrogate were not added to sample

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0620-B2
Extration Date: 6/20/96
Matrix: Aqueous

		Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0560-35	DE QAQC S1:U3	100%	60%
C0560-36	DE QAQC V1:X3	100%	60%
C0560-37	DE QAQC V7:X9	90%	45%
C0560-38	SDE QAQC J7:L9	100%	30%
C0560-39	SDE QAQC U7:X9	105%	40%
C0560-40	CDE QAQC V7:X9	105%	50%
C0560-41	CDE QAQC V1:X3	95%	40%
C0560-42	CDE QAQC P1:R3	95%	65%
C0560-43	CDE QAQC J1:L3	105%	50%
QA/QC			
Method Blank			
P0620-B2		95%	85%
Lab Control Sample			
P0620-LCS2		95%	80%

PCB Analysis - Aqueous Samples

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC S1: U3
Lab ID: C0560-35
Analysis: Method 8080

Analysis Date: 6/28/96
Matrix: Water
Concentration in: ug/L
Dilution:

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	100%
Decachlorobiphenyl	60%

QC Batch: P0620-B2

ND = Not Detected

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC V1: X3
Lab ID: C0560-36
Analysis: Method 8080

Analysis Date: 6/28/96
Matrix: Water
Concentration in: ug/L
Dilution:

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	100%
Decachlorobiphenyl	60%

QC Batch: P0620-B2

ND = Not Detected

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC V7: X9
Lab ID: C0560-37
Analysis: Method 8080

Analysis Date: 6/28/96
Matrix: Water
Concentration in: ug/L
Dilution:

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	45%

QC Batch: P0620-B2

ND = Not Detected

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: SDE QAQC J7: L9
Lab ID: C0560-38
Analysis: Method 8080

Analysis Date: 6/28/96
Matrix: Water
Concentration in: ug/L
Dilution:

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	1.8	1
Aroclor-1248	ND	1
Aroclor-1254	1.1	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	30%

QC Batch: P0620-B2

ND = Not Detected

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: SDE QAQC U7: X9
Lab ID: C0560-39
Analysis: Method 8080

Analysis Date: 6/28/96
Matrix: Water
Concentration in: ug/L
Dilution:

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	105%
Decachlorobiphenyl	40%

QC Batch: P0620-B2

ND = Not Detected

C0560-39

003

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: CDE QAQC V7: X9
Lab ID: C0560-40
Analysis: Method 8080

Analysis Date: 6/28/96
Matrix: Water
Concentration in: ug/L
Dilution:

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	105%
Decachlorobiphenyl	50%

QC Batch: P0620-B2

ND = Not Detected

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: CDE QAQC V1: X3
Lab ID: C0560-41
Analysis: Method 8080

Analysis Date: 6/28/96
Matrix: Water
Concentration in: ug/L
Dilution:

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	95%
Decachlorobiphenyl	40%

QC Batch: P0620-B2

ND = Not Detected

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: CDE QAQC P1: R3
Lab ID: C0560-42
Analysis: Method 8080

Analysis Date: 6/28/96
Matrix: Water
Concentration in: ug/L
Dilution:

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	95%
Decachlorobiphenyl	65%

QC Batch: P0620-B2

ND = Not Detected

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: CDE QAQC J1: L3
Lab ID: C0560-43
Analysis: Method 8080

Analysis Date: 6/28/96
Matrix: Water
Concentration in: ug/L
Dilution:

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	2.4	1
Aroclor-1248	ND	1
Aroclor-1254	1.5	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	105%
Decachlorobiphenyl	50%

QC Batch: P0620-B2

ND = Not Detected

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0620-B2
Analysis: Method 8080

Analysis Date: 6/28/96
Matrix: Water
Concentration in: ug/L
Dilution:

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	95%
Decachlorobiphenyl	85%

QC Batch: P0620-B2

ND = Not Detected

C0560-MB

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0620-LCS2
Analysis: Method 8080

Matrix: Aqueous
Analysis Date for Blank Spike: 6/28/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	96
2,2',3,3',4,4'-Hexachlorobiphenyl	98

QC Batch: P0620-B2

C0560-LCS

PCB Analysis - Soil Samples

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: BW09 Primary
Lab ID: C0560-01
Analysis: Method 8080

Analysis Date: 6/28/96
Matrix: Soil, 99% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	67
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	102%
Decachlorobiphenyl	85%

ND=Not Detected

QC Batch: P0620-B1

017

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: BX07 Primary
Lab ID: C0560-04
Analysis: Method 8080

Analysis Date: 6/28/96
Matrix: Soil, 96% solids
Concentration in: ug/kg, dry weight basis
Dilution: 3

Analyte	Results	Reporting Limits
Aroclor-1016	ND	100
Aroclor-1221	ND	210
Aroclor-1232	ND	100
Aroclor-1242	2,000	100
Aroclor-1248	ND	100
Aroclor-1254	2,500	100
Aroclor-1260	ND	100

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	98%
Decachlorobiphenyl	105%

ND=Not Detected

QC Batch: P0620-B1

018

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PD01:F3
Lab ID: C0560-07
Analysis: Method 8080

Analysis Date: 7/2/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	360
Aroclor-1221	ND	730
Aroclor-1232	ND	360
Aroclor-1242	9,200	360
Aroclor-1248	ND	360
Aroclor-1254	5,300	360
Aroclor-1260	ND	360

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	125%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0620-B1

010

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG1:I3
Lab ID: C0560-10
Analysis: Method 8080

Analysis Date: 6/29/96
Matrix: Soil, 85% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	390
Aroclor-1221	ND	790
Aroclor-1232	ND	390
Aroclor-1242	8,600	390
Aroclor-1248	ND	390
Aroclor-1254	6,500	390
Aroclor-1260	ND	390

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

ND=Not Detected

QC Batch: P0620-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DG1:I3
Lab ID: C0560-11
Analysis: Method 8080

Analysis Date: 6/29/96
Matrix: Soil, 87% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	380
Aroclor-1221	ND	770
Aroclor-1232	ND	380
Aroclor-1242	8,600	380
Aroclor-1248	ND	380
Aroclor-1254	7,100	380
Aroclor-1260	ND	380

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

ND=Not Detected

QC Batch: P0620-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PJ01:L03
Lab ID: C0560-13
Analysis: Method 8080

Analysis Date: 6/29/96
Matrix: Soil, 93% 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	8,400	350
Aroclor-1248	ND	350
Aroclor-1254	5,700	350
Aroclor-1260	ND	350

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0620-B1

022

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PM01:O03
Lab ID: C0560-16
Analysis: Method 8080

Analysis Date: 6/29/96
Matrix: Soil, 93% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	350
Aroclor-1221	ND	710
Aroclor-1232	ND	350
Aroclor-1242	14,000	350
Aroclor-1248	ND	350
Aroclor-1254	8,000	350
Aroclor-1260	ND	350

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	125%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0620-B1

023

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PP01:R03
Lab ID: C0560-18
Analysis: Method 8080

Analysis Date: 6/29/96
Matrix: Soil, 93% solids
Concentration in: ug/kg, dry weight basis
Dilution: 20

Analyte	Results	Reporting Limits
Aroclor-1016	ND	720
Aroclor-1221	ND	1,400
Aroclor-1232	ND	720
Aroclor-1242	16,000	720
Aroclor-1248	ND	720
Aroclor-1254	16,000	720
Aroclor-1260	ND	720

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

ND=Not Detected

QC Batch: P0620-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PS01:U03
Lab ID: C0560-21
Analysis: Method 8080

Analysis Date: 6/29/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 20

Analyte	Results	Reporting Limits
Aroclor-1016	ND	740
Aroclor-1221	ND	1,500
Aroclor-1232	ND	740
Aroclor-1242	29,000	740
Aroclor-1248	ND	740
Aroclor-1254	12,000	740
Aroclor-1260	ND	740

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

ND=Not Detected

QC Batch: P0620-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PV01:X03
Lab ID: C0560-24
Analysis: Method 8080

Analysis Date: 6/29/96
Matrix: Soil, 95% 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	7,700	350
Aroclor-1248	ND	350
Aroclor-1254	7,100	350
Aroclor-1260	ND	350

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	125%

ND=Not Detected

QC Batch: P0620-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PJ7:L9
Lab ID: C0560-26
Analysis: Method 8080

Analysis Date: 6/29/96
Matrix: Soil, 93% solids
Concentration in: ug/kg, dry weight basis
Dilution: 20

Analyte	Results	Reporting Limits
Aroclor-1016	ND	710
Aroclor-1221	ND	1,400
Aroclor-1232	ND	710
Aroclor-1242	16,000	710
Aroclor-1248	ND	710
Aroclor-1254	21,000	710
Aroclor-1260	ND	710

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

ND=Not Detected

QC Batch: P0620-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PS7:U9
Lab ID: C0560-29
Analysis: Method 8080

Analysis Date: 6/29/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	360
Aroclor-1221	ND	730
Aroclor-1232	ND	360
Aroclor-1242	6,800	360
Aroclor-1248	ND	360
Aroclor-1254	3,600	360
Aroclor-1260	ND	360

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

ND=Not Detected

QC Batch: P0620-B1

028

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PV07:X09
Lab ID: C0560-32
Analysis: Method 8080

Analysis Date: 6/29/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 2

Analyte	Results	Reporting Limits
Aroclor-1016	ND	73
Aroclor-1221	ND	150
Aroclor-1232	ND	73
Aroclor-1242	1,300	73
Aroclor-1248	ND	73
Aroclor-1254	650	73
Aroclor-1260	ND	73

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	105%
Decachlorobiphenyl	165%

ND=Not Detected

QC Batch: P0620-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DV07:X09
Lab ID: C0560-33
Analysis: Method 8080

Analysis Date: 6/29/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	73
Aroclor-1232	ND	36
Aroclor-1242	900	36
Aroclor-1248	ND	36
Aroclor-1254	520	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	102%
Decachlorobiphenyl	120%

ND=Not Detected

QC Batch: P0620-B1

030

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PP07:R09
Lab ID: C0560-44
Analysis: Method 8080

Analysis Date: 6/29/96
Matrix: Soil, 92% 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	2,200	110
Aroclor-1248	ND	110
Aroclor-1254	1,700	110
Aroclor-1260	ND	110

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	105%
Decachlorobiphenyl	180%

ND=Not Detected

QC Batch: P0620-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG7:I9
Lab ID: C0560-47
Analysis: Method 8080

Analysis Date: 6/29/96
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	4,000	180
Aroclor-1248	ND	180
Aroclor-1254	4,100	180
Aroclor-1260	ND	180

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

ND=Not Detected

QC Batch: P0620-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0620-B1
Analysis: Method 8080

Analysis Date: 6/20/96
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	98%

ND=Not Detected

QC Batch: P0620-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0620-LCS1
Analysis: Method 8080

Matrix: Soil
Analysis Date for Blank Spike: 6/28/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	104
2,2',3,3',4,4'-Hexachlorobiphenyl	114

QC Batch: P0620-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Matrix Spike Summary

Client: VHB, Inc.
Lab ID for Matrix Spike: C0560-04MS
Lab ID for Matrix Spike Duplicate: C0560-04MSD
Analysis: Method 8080

Matrix: Soil
Analysis Date for Matrix Spike: 6/28/96
Analysis Date for Matrix Spike Duplicate: 6/28/96

	% Recovery		
Analyte	Matrix Spike	Matrix Spike Dup.	% RPD
2,4,4'-Trichlorobiphenyl	352	22	240
2,2',3,3',4,4'-Hexachlorobiphenyl	204	112	58

* Matrix spike recoveries could not be accurately determined due to high level of AR-1242 (2,000 ug/kg as aroclor) and AR-1254 (2,500 ug/kg as aroclor) in the sample versus spike concentration for the 2 congeners (69 ug/kg as individual congeners)

QC Batch: P0620-B1

Sample (Aqueous) Chromatograms

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-35.D Vial: 26
Signal #2 : D:\HPCHEM\5\JUN27A\C560-35.D\CONFIRM.D
Acq On : 28 Jun 96 08:24 AM Operator: JS
Sample : VHB / DE QAQC S1:U3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:30 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	4319	3731	0.019	0.020
					Recovery	=	47.50%	50.00%
2)	S	Decachlorobiphenyl	22.23	30.36	5462	1017	0.027	0.012 #
					Recovery	=	67.50%	30.00%
		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	0.00	3929	0	0.043	N.D. #
5)	L1	Aroclor-1016	6.80	0.00	115	0	0.004	N.D. #
6)	L1	Aroclor-1016 {2}	8.93	10.30	70	37	0.005	0.001 #
7)	L1	Aroclor-1016 {3}	9.31	0.00	133	0	0.005	N.D. #
		Total Aroclor-1016			318	37	0.014	0.001
		Average Aroclor-1016					0.005	0.001
8)	L2	Aroclor-1221	5.01f	0.00	452	0	0.093	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	37	0	0.003	N.D. #
		Total Aroclor-1221			488	0	0.096	N.D.
		Average Aroclor-1221					0.048	0.000
11)	L3	Aroclor-1232	5.67	0.00	37	0	0.003	N.D. #
12)	L3	Aroclor-1232 {2}	6.80	10.30	115	37	0.013	0.005 #
13)	L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1232			151	37	0.016	0.005
		Average Aroclor-1232					0.008	0.005
14)	L4	Aroclor-1242	8.22	0.00	192	0	0.005	N.D. #
15)	L4	Aroclor-1242 {2}	8.93	0.00	70	0	0.006	N.D. #
16)	L4	Aroclor-1242 {3}	0.00	13.98	0	121	N.D.	0.010 #
		Total Aroclor-1242			262	121	0.011	0.010
		Average Aroclor-1242					0.006	0.010
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	10.15	0.00	136	0	0.009	N.D. #
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			136	0	0.009	N.D.
		Average Aroclor-1248					0.009	0.000

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

Signal #1 : D:\HPCHEM\5\JUN27A\C560-35.D Vial: 26
Signal #2 : D:\HPCHEM\5\JUN27A\C560-35.D\CONFIRM.D
Acq On : 28 Jun 96 08:24 AM Operator: JS
Sample : VHB / DE QAQC S1:U3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:30 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	11.99	15.45	68	73	0.003	0.003
21) L6	Aroclor-1254 {2}	13.43	15.69	98	81	0.003	0.003
22) L6	Aroclor-1254 {3}	15.84	17.54	201	125	0.009	0.003 #
Total	Aroclor-1254			367	279	0.014	0.009
Average	Aroclor-1254					0.005	0.003
23) L7	Aroclor-1260	13.93	0.00	43	0	0.001	N.D. #
24) L7	Aroclor-1260 {2}	0.00	18.49	0	90	N.D.	0.003 #
25) L7	Aroclor-1260 {3}	0.00	21.92	0	105	N.D.	0.002 #
Total	Aroclor-1260			43	194	0.001	0.005
Average	Aroclor-1260					0.001	0.002
26) L8	Aroclor-1268	0.00	23.34	0	89	N.D.	NoCal
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	21.80	0.00	3070	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.

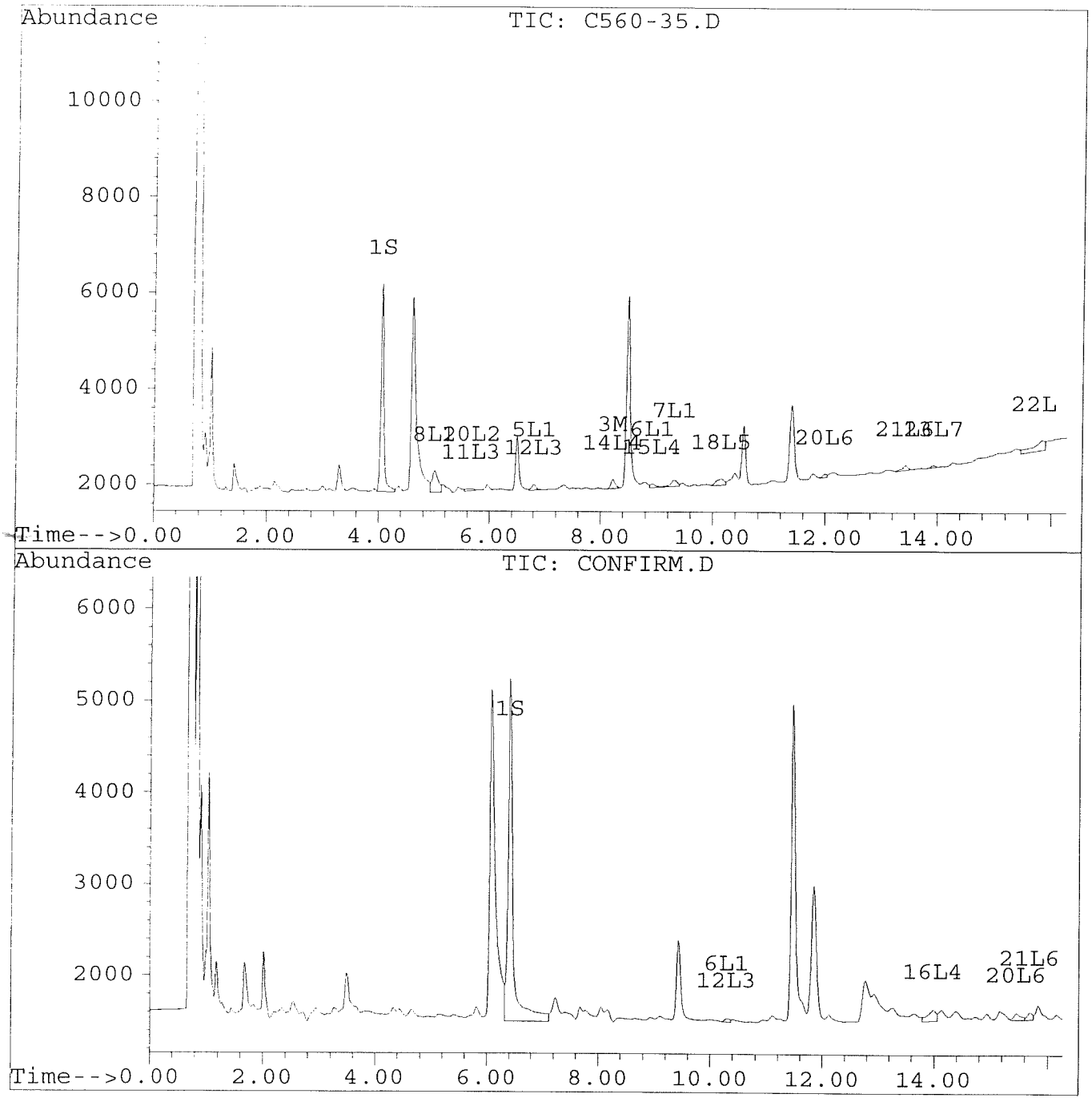
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-35.D
Signal #2 : D:\HPCHEM\5\JUN27A\C560-35.D\CONFIRM.D
Acq On : 28 Jun 96 08:24 AM
Sample : VHB / DE QAQC S1:U3
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jun 28 13:30 1996

Vial: 26
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

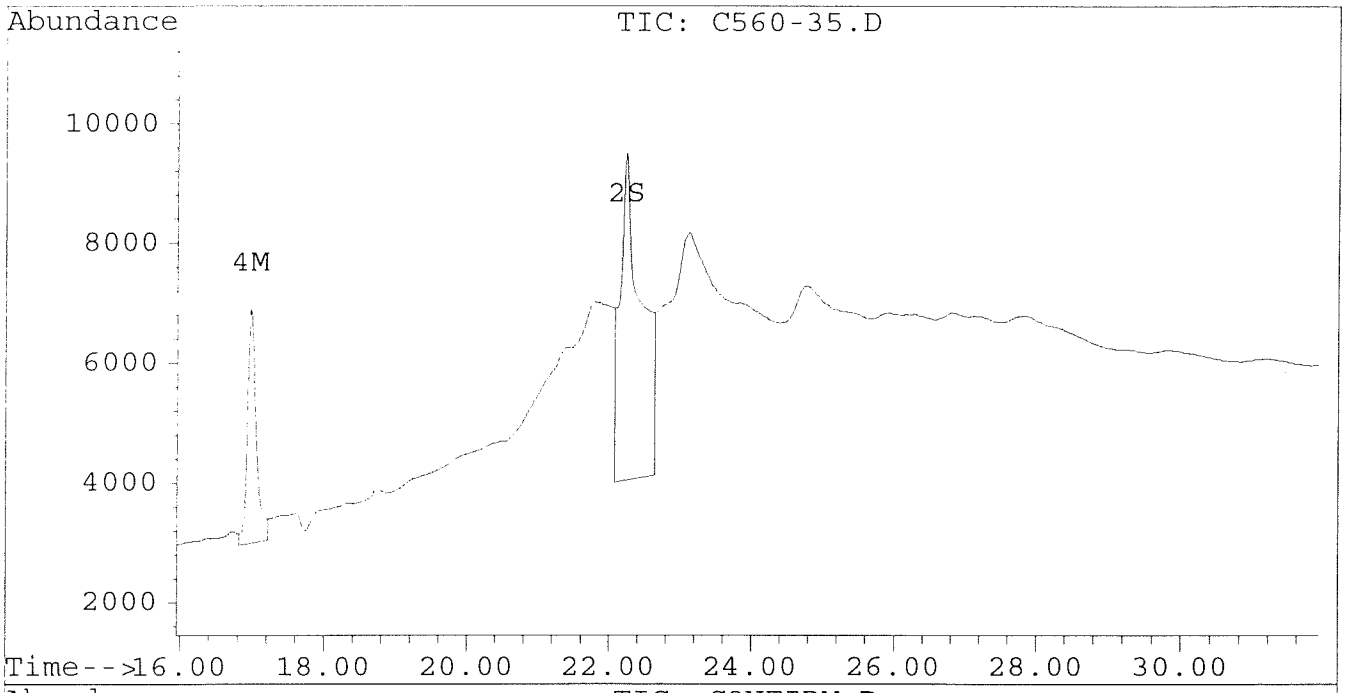


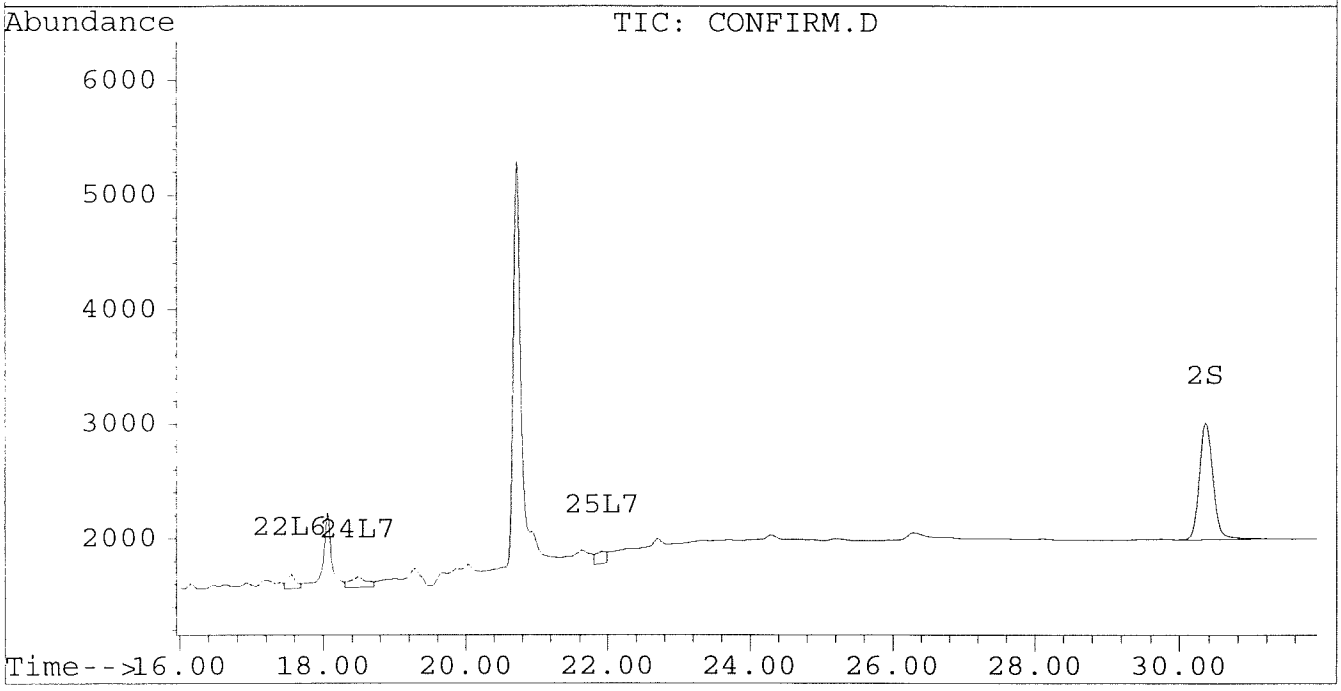
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-35.D Vial: 26
Signal #2 : D:\HPCHEM\5\JUN27A\C560-35.D\CONFIRM.D
Acq On : 28 Jun 96 08:24 AM Operator: JS
Sample : VHB / DE QAQC S1:U3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:30 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





040

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-36.D Vial: 27
Signal #2 : D:\HPCHEM\5\JUN27A\C560-36.D\CONFIRM.D
Acq On : 28 Jun 96 12:33 PM Operator: JS
Sample : VHB / DE QAQC V1:X3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:31 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	4484	3828	0.020	0.020 100%
				Recovery	=	50.00%	50.00%
2) S	Decachlorobiphenyl	22.23	30.36	4891	947	0.024	0.012 #
				Recovery	=	60.00%	30.00% 60%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	0.00	88	0	0.001	N.D. #
4) M	2,2',3,3',4,4'-Hexa	16.98	0.00	10436	0	0.113	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}	9.32	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	5.01f	0.00	476	0	0.098	N.D. #
9) L2	Aroclor-1221 {2}	5.45f	0.00	57	0	0.014	N.D. #
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			534	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}	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	88	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	57	N.D.	0.005 #
	Total Aroclor-1242			88	57	0.002	0.005
	Average Aroclor-1242					0.002	0.005
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	10.17	0.00	74	0	0.005	N.D. #
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			74	0	0.005	N.D.
	Average Aroclor-1248					0.005	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-36.D Vial: 27
Signal #2 : D:\HPCHEM\5\JUN27A\C560-36.D\CONFIRM.D
Acq On : 28 Jun 96 12:33 PM Operator: JS
Sample : VHB / DE QAQC V1:X3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:31 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	33	22	0.001	0.001 #
21) L6	Aroclor-1254 {2}	13.43	15.69	43	22	0.001	0.001 #
22) L6	Aroclor-1254 {3}	0.00	17.54	0	65	N.D.	0.002 #
Total	Aroclor-1254			76	109	0.003	0.003
Average	Aroclor-1254					0.001	0.001
23) L7	Aroclor-1260	0.00	18.17	0	59	N.D.	0.002 #
24) L7	Aroclor-1260 {2}	0.00	18.48	0	71	N.D.	0.002 #
25) L7	Aroclor-1260 {3}	0.00	21.94	0	124	N.D.	0.003 #
Total	Aroclor-1260			0	253	N.D.	0.007
Average	Aroclor-1260					0.000	0.002
26) L8	Aroclor-1268	0.00	23.32	0	106	N.D.	NoCal
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	21.82	0.00	2683	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

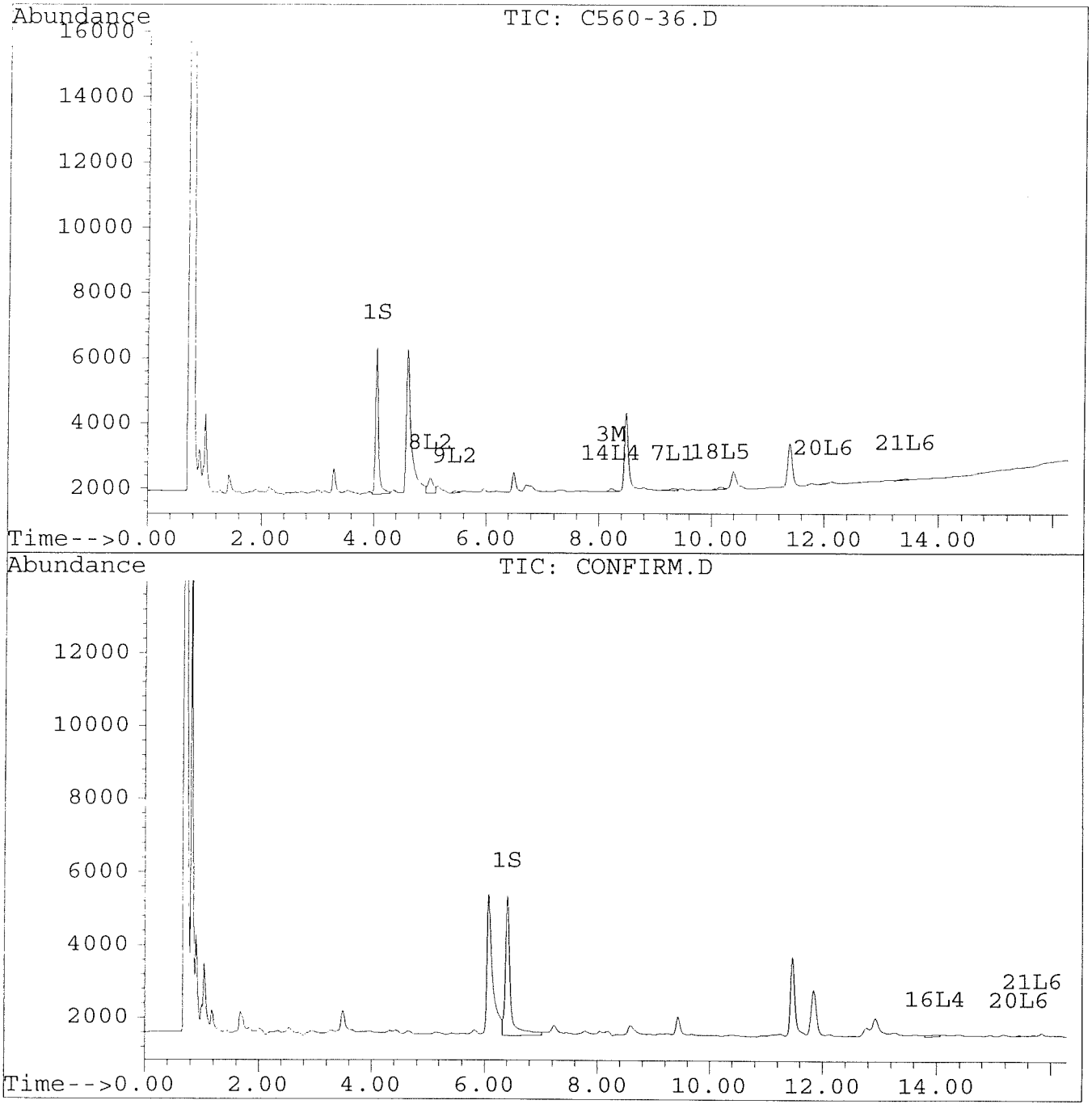
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-36.D Vial: 27
Signal #2 : D:\HPCHEM\5\JUN27A\C560-36.D\CONFIRM.D
Acq On : 28 Jun 96 12:33 PM Operator: JS
Sample : VHB / DE QAQC V1:X3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:31 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

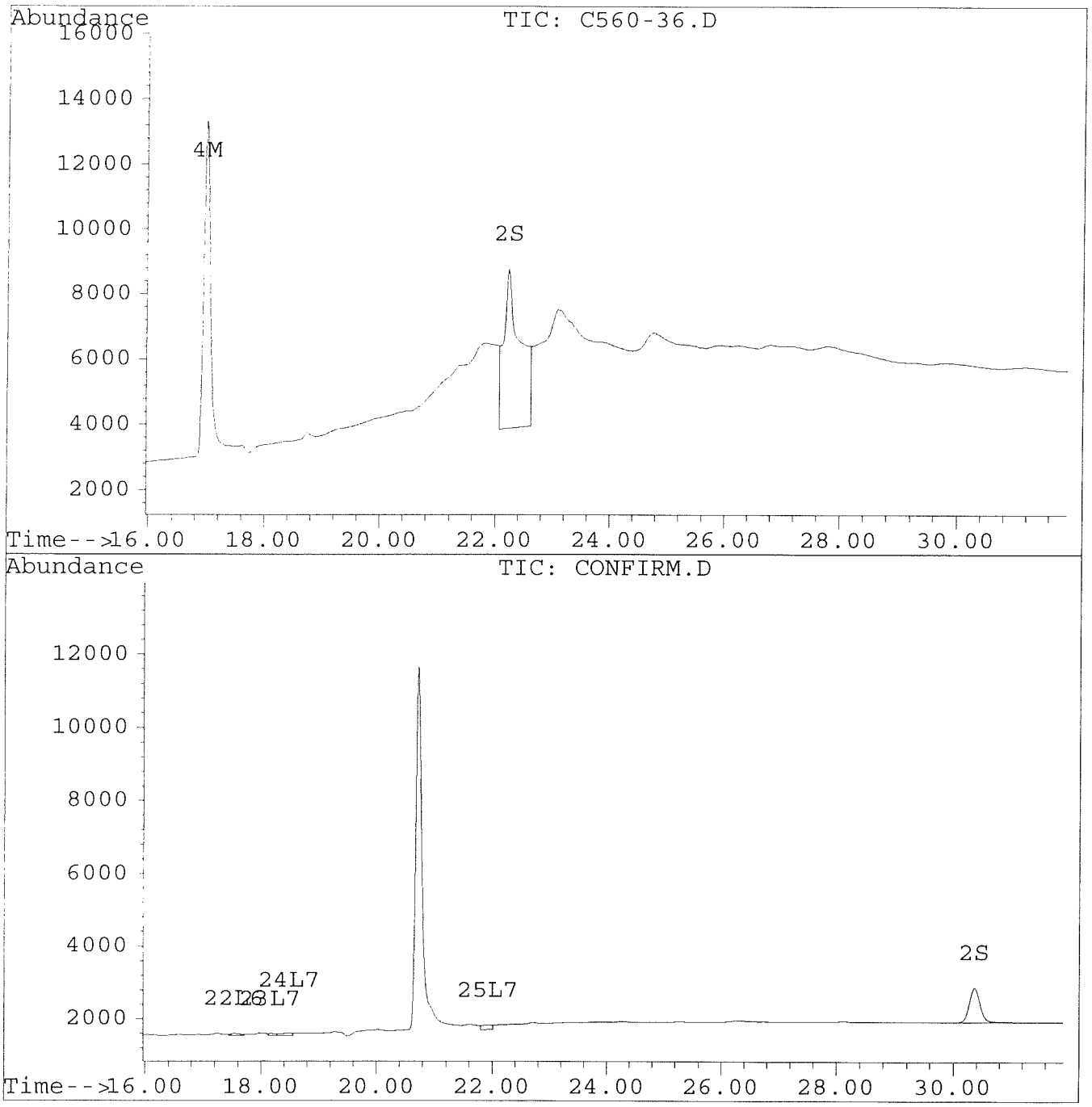


Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-36.D Vial: 27
Signal #2 : D:\HPCHEM\5\JUN27A\C560-36.D\CONFIRM.D
Acq On : 28 Jun 96 12:33 PM Operator: JS
Sample : VHB / DE QAQC V1:X3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:31 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\JUN27A\C560-37.D Vial: 28
Signal #2 : D:\HPCHEM\5\JUN27A\C560-37.D\CONFIRM.D
Acq On : 28 Jun 96 01:08 PM Operator: JS
Sample : VHB / DE QAQC V7:X9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:42 1996

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

Volume Inj. : 2.0 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	3596	3374	0.016	0.018
				Recovery	=	40.00%	45.00% 90%
2)	S Decachlorobiphenyl	22.23	30.36	4413	707	0.022	0.009 #
				Recovery	=	55.00%	22.50% 45%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.23	0.00	80	0	0.001	N.D. #
4)	M 2,2',3,3',4,4'-Hexa	16.97	0.00	968	0	0.010	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}	9.31	0.00	33	0	0.001	N.D. #
	Total Aroclor-1016			33	0	0.001	N.D.
	Average Aroclor-1016					0.001	0.000
8)	L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	5.68	0.00	28	0	0.002	N.D. #
	Total Aroclor-1221			28	0	0.002	N.D.
	Average Aroclor-1221					0.002	0.000
11)	L3 Aroclor-1232	5.68	0.00	28	0	0.002	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			28	0	0.002	N.D.
	Average Aroclor-1232					0.002	0.000
14)	L4 Aroclor-1242	8.23	0.00	80	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	107	N.D.	0.009 #
	Total Aroclor-1242			80	107	0.002	0.009
	Average Aroclor-1242					0.002	0.009
17)	L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5 Aroclor-1248 {2}	10.16	0.00	95	0	0.006	N.D. #
19)	L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			95	0	0.006	N.D.
	Average Aroclor-1248					0.006	0.000

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

Signal #1 : D:\HPCHEM\5\JUN27A\C560-37.D Vial: 28
Signal #2 : D:\HPCHEM\5\JUN27A\C560-37.D\CONFIRM.D
Acq On : 28 Jun 96 01:08 PM Operator: JS
Sample : VHB / DE QAQC V7:X9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:42 1996

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

Volume Inj. : 2.0 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	26	N.D.	0.001	#
21) L6	Aroclor-1254 {2}	0.00	15.70	0	32	N.D.	0.001	#
22) L6	Aroclor-1254 {3}	0.00	17.55	0	39	N.D.	0.001	#
Total	Aroclor-1254			0	97	N.D.	0.003	
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	18.46f	0	24	N.D.	0.001	#
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1260			0	24	N.D.	0.001	
Average	Aroclor-1260					0.000	0.001	
26) L8	Aroclor-1268	0.00	23.34	0	157	N.D.	NoCal	
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.	
28) L8	Aroclor-1268 {3}	21.82	0.00	2776	0	NoCal	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

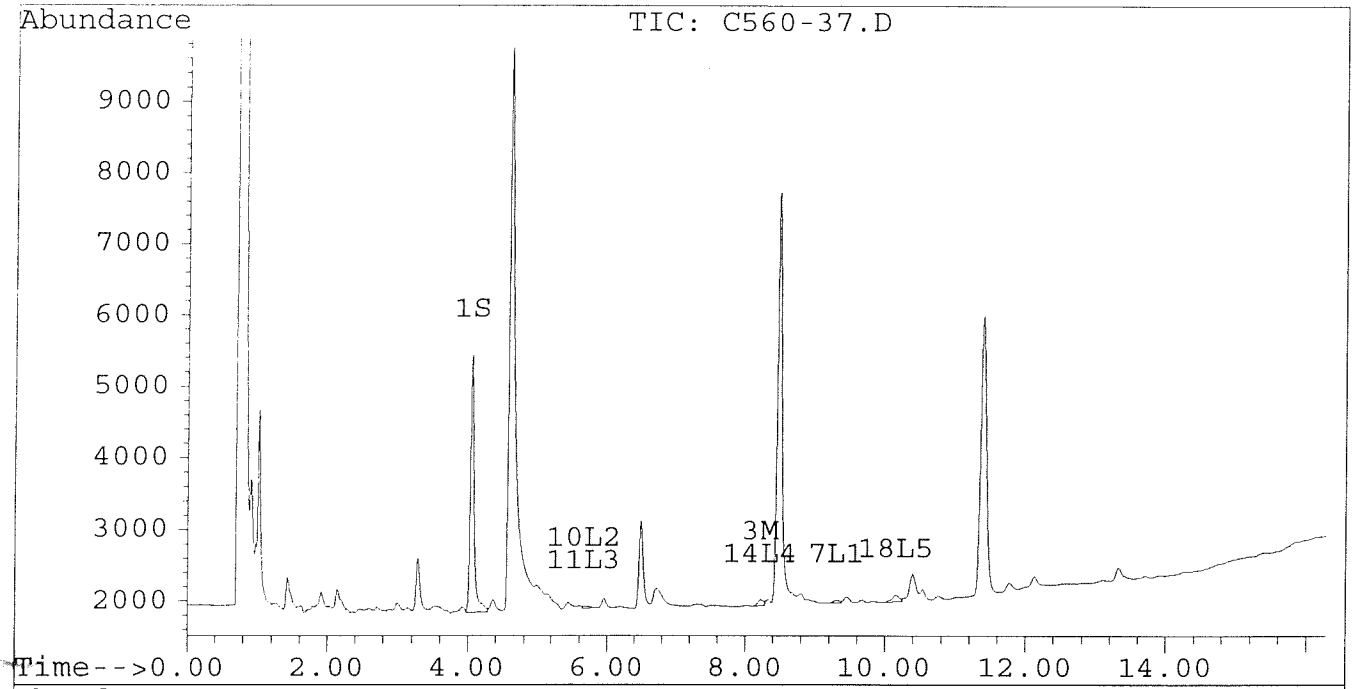
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

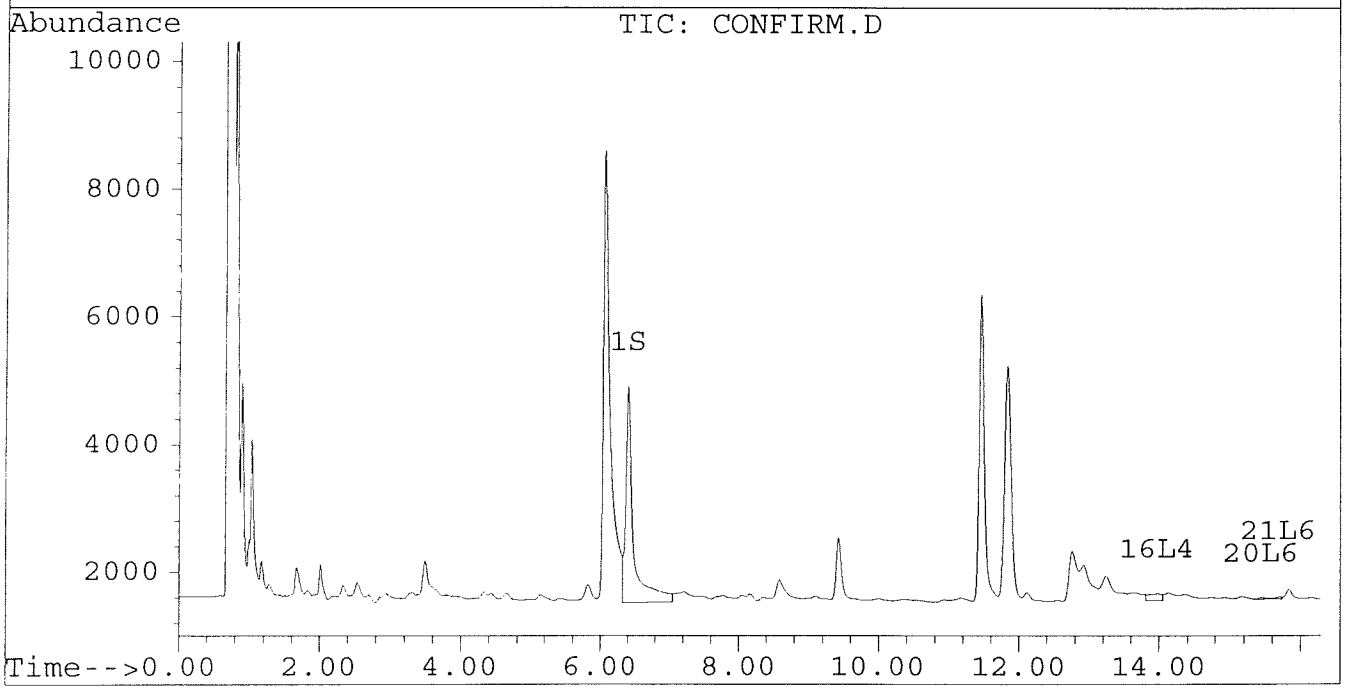
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-37.D Vial: 28
Signal #2 : D:\HPCHEM\5\JUN27A\C560-37.D\CONFIRM.D
Acq On : 28 Jun 96 01:08 PM Operator: JS
Sample : VHB / DE QAQC V7:X9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:42 1996

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

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



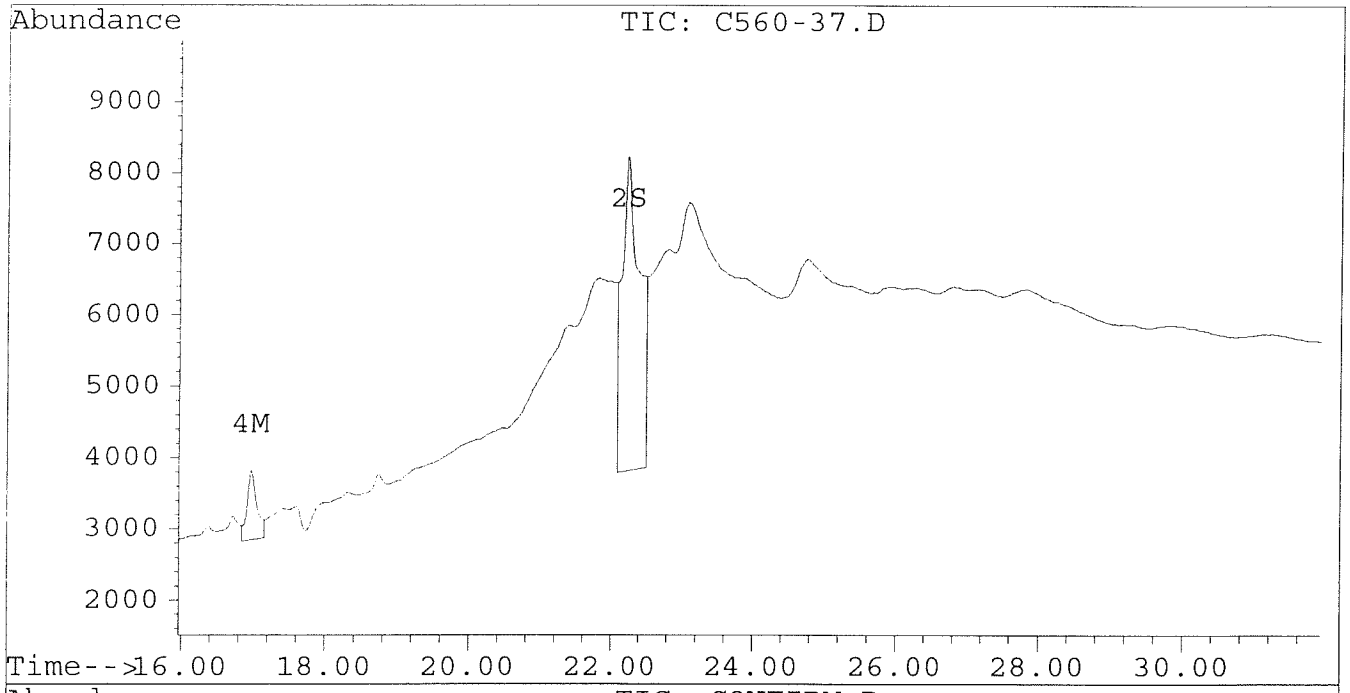


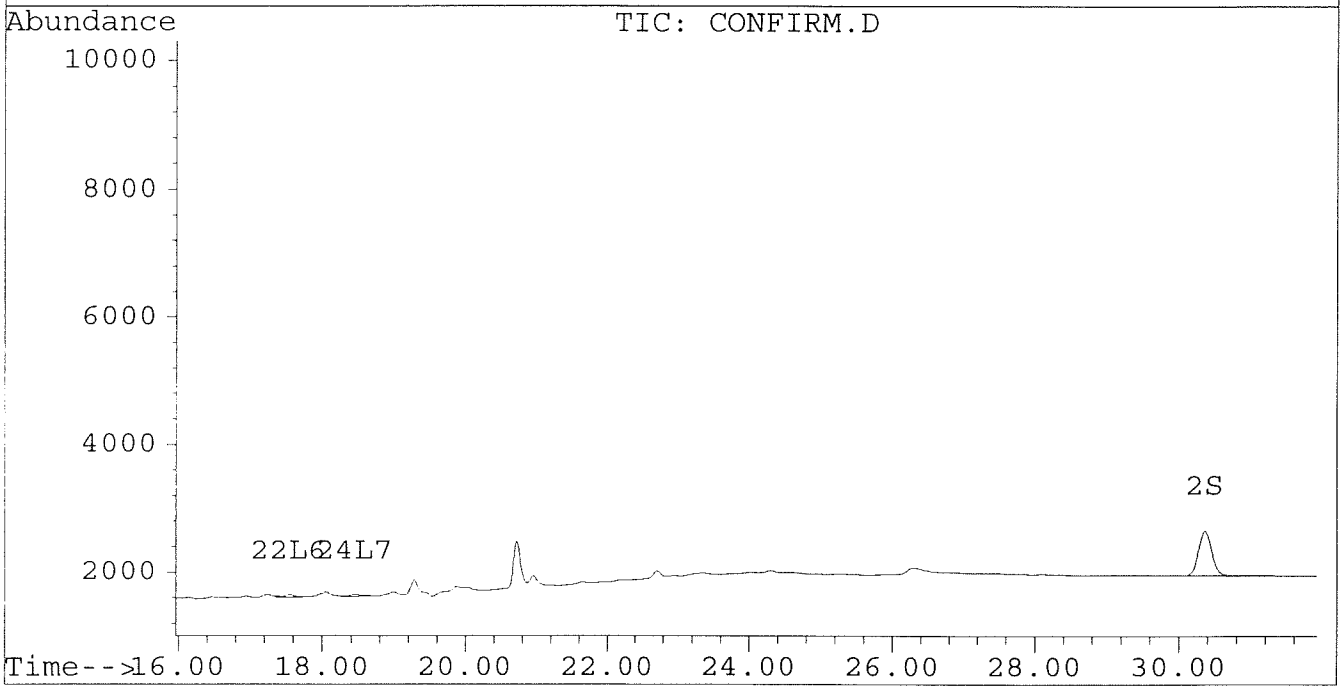
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-37.D Vial: 28
Signal #2 : D:\HPCHEM\5\JUN27A\C560-37.D\CONFIRM.D
Acq On : 28 Jun 96 01:08 PM Operator: JS
Sample : VHB / DE QAQC V7:X9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:42 1996

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

Volume Inj. : 2.0 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\C560-38.D Vial: 29
Signal #2 : D:\HPCHEM\5\JUN27A\C560-38.D\CONFIRM.D
Acq On : 28 Jun 96 01:44 PM Operator: JS
Sample : VHB / SDE QAQC J7:L9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:47 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	4519	3691	0.020m	0.020m
				Recovery	=	50.00%	50.00%
2)	S Decachlorobiphenyl	22.23	30.37	1283	489	0.006m	0.006
				Recovery	=	15.00%	15.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.22	11.64	3685	2810	0.036	0.028
4)	M 2,2',3,3',4,4'-Hexa	16.98	21.57	790	298	0.009	0.002 #
5)	L1 Aroclor-1016	6.80	8.76	773	361	0.025	0.027
6)	L1 Aroclor-1016 {2}	8.93	10.29	965	666	0.064	0.025 #
7)	L1 Aroclor-1016 {3}	9.32	12.22	1866	515	0.076	0.031 #
	Total Aroclor-1016			3604	1543	0.166	0.083
	Average Aroclor-1016					0.055	0.028
8)	L2 Aroclor-1221	5.01f	0.00	394	0	0.081	N.D. #
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	5.68	8.76	418	361	0.030	0.035
	Total Aroclor-1221			812	361	0.112	0.035
	Average Aroclor-1221					0.056	0.035
11)	L3 Aroclor-1232	5.68	8.76	418	361	0.035	0.040
12)	L3 Aroclor-1232 {2}	6.80	10.29	773	666	0.089	0.089
13)	L3 Aroclor-1232 {3}	8.60	12.22	528	515	0.101	0.120
	Total Aroclor-1232			1719	1543	0.224	0.249
	Average Aroclor-1232					0.075	0.083
14)	L4 Aroclor-1242	8.22	11.64	3592	2664	0.096m	0.091m
15)	L4 Aroclor-1242 {2}	8.93	12.22	965	370	0.087	0.029m#
16)	L4 Aroclor-1242 {3}	10.07	13.98	1478	1278	0.101	0.102m
	Total Aroclor-1242			6035	4312	0.284	0.223
	Average Aroclor-1242					0.095	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\JUN27A\C560-38.D Vial: 29
Signal #2 : D:\HPCHEM\5\JUN27A\C560-38.D\CONFIRM.D
Acq On : 28 Jun 96 01:44 PM Operator: JS
Sample : VHB / SDE QAQC J7:L9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:47 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	11.99	15.45	982	872	0.037	0.034m
21) L6	Aroclor-1254 {2}	13.43	15.69	1324	969	0.040	0.035m
22) L6	Aroclor-1254 {3}	15.83	17.54	962	1322	0.042	0.035m
Total	Aroclor-1254			3268	3163	0.118	0.104
Average	Aroclor-1254					0.039	0.035
23) L7	Aroclor-1260	13.92	18.17	655	536	0.023	0.018
24) L7	Aroclor-1260 {2}	14.71	18.50	570	583	0.019	0.018
25) L7	Aroclor-1260 {3}	17.93	21.91	437	275	0.011	0.006 #
Total	Aroclor-1260			1662	1395	0.053	0.041
Average	Aroclor-1260					0.018	0.014
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.05	0.00	502	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.82	28.13	2460	19	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR1242

$$\frac{0.091 + 0.029}{\frac{0.120\ \mu g/ml \times 10\ mL}{1\ L \times 0.666}} = 1.8\ \mu g/L$$

1.8

AR1254

$$\frac{0.035 + 0.035}{\frac{0.070 \times 10}{1\ L \times 0.666}} = 1.05$$

1.1

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
C560-38.D PCB1E.M Tue Jul 02 11:56:19 1996 HPPC 059 Page 2

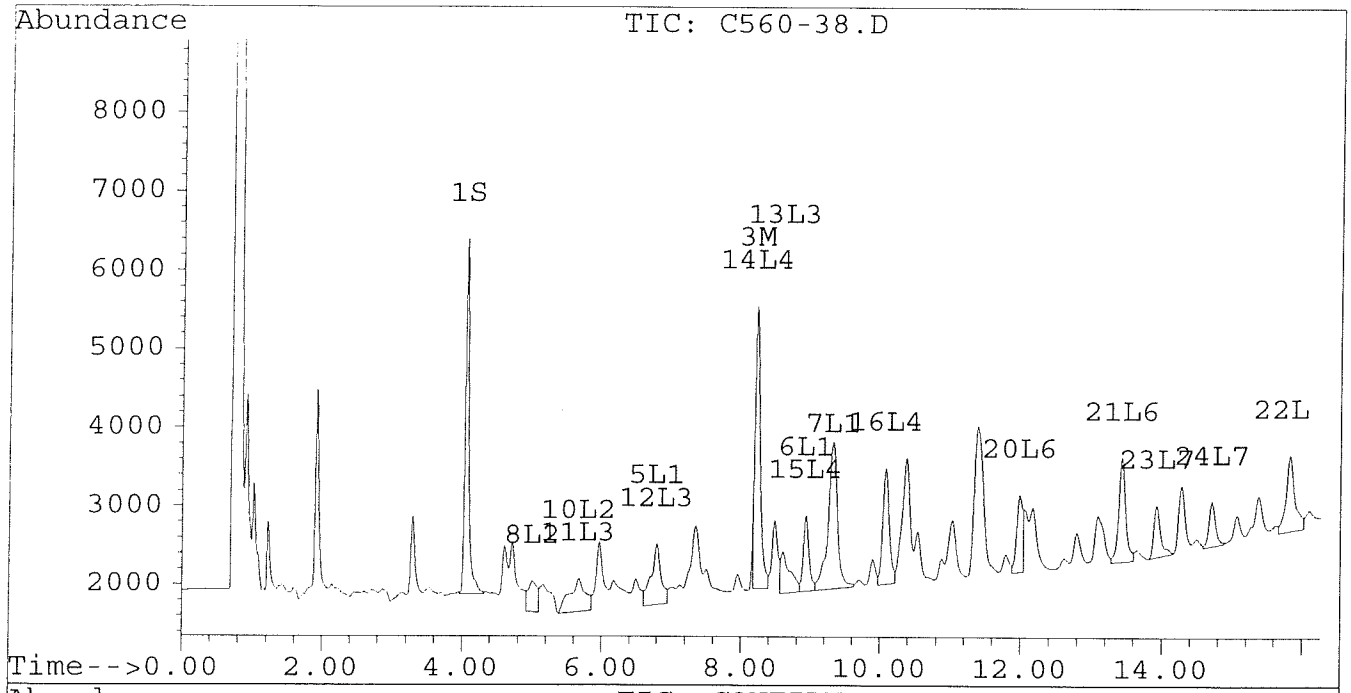
Quantitation Report

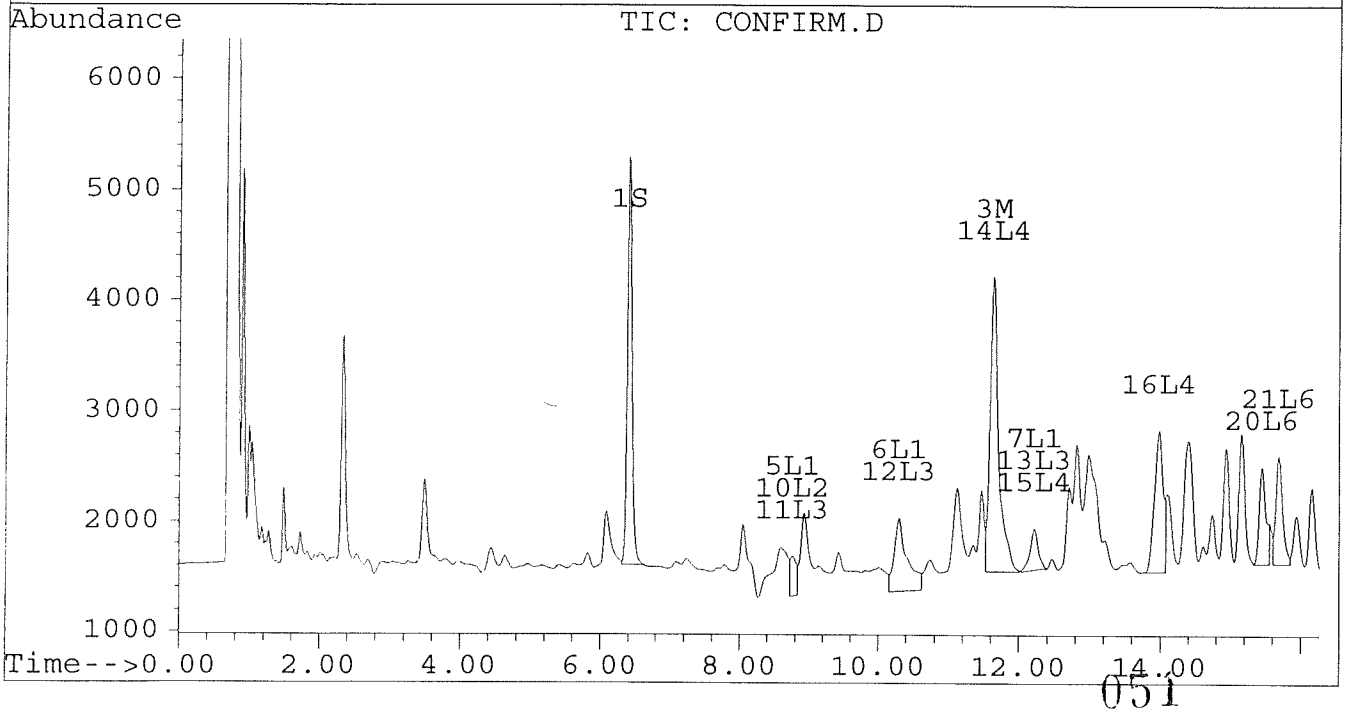
Signal #1 : D:\HPCHEM\5\JUN27A\C560-38.D
Signal #2 : D:\HPCHEM\5\JUN27A\C560-38.D\CONFIRM.D
Acq On : 28 Jun 96 01:44 PM
Sample : VHB / SDE QAQC J7:L9
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 2 11:47 1996

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



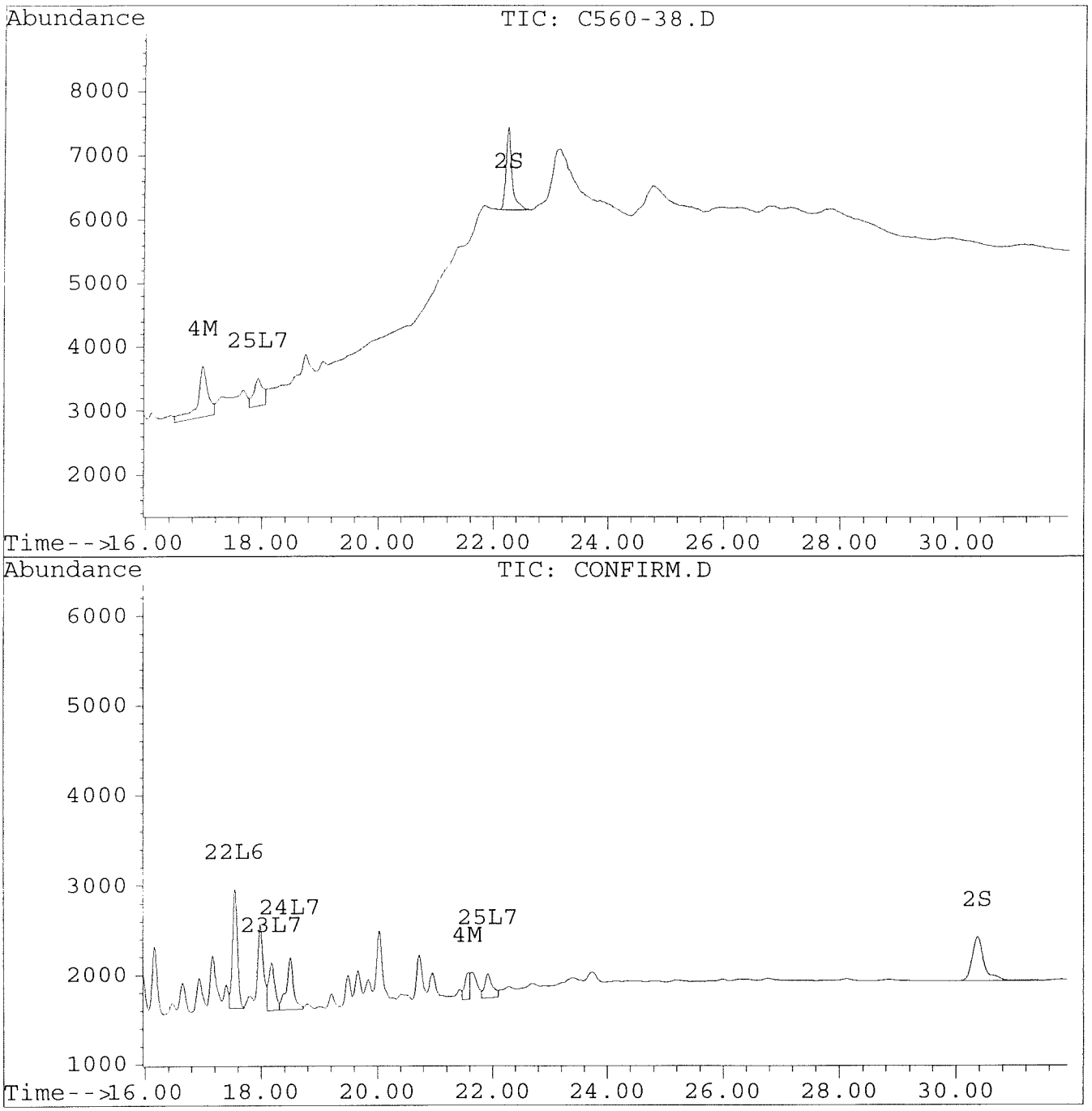


051

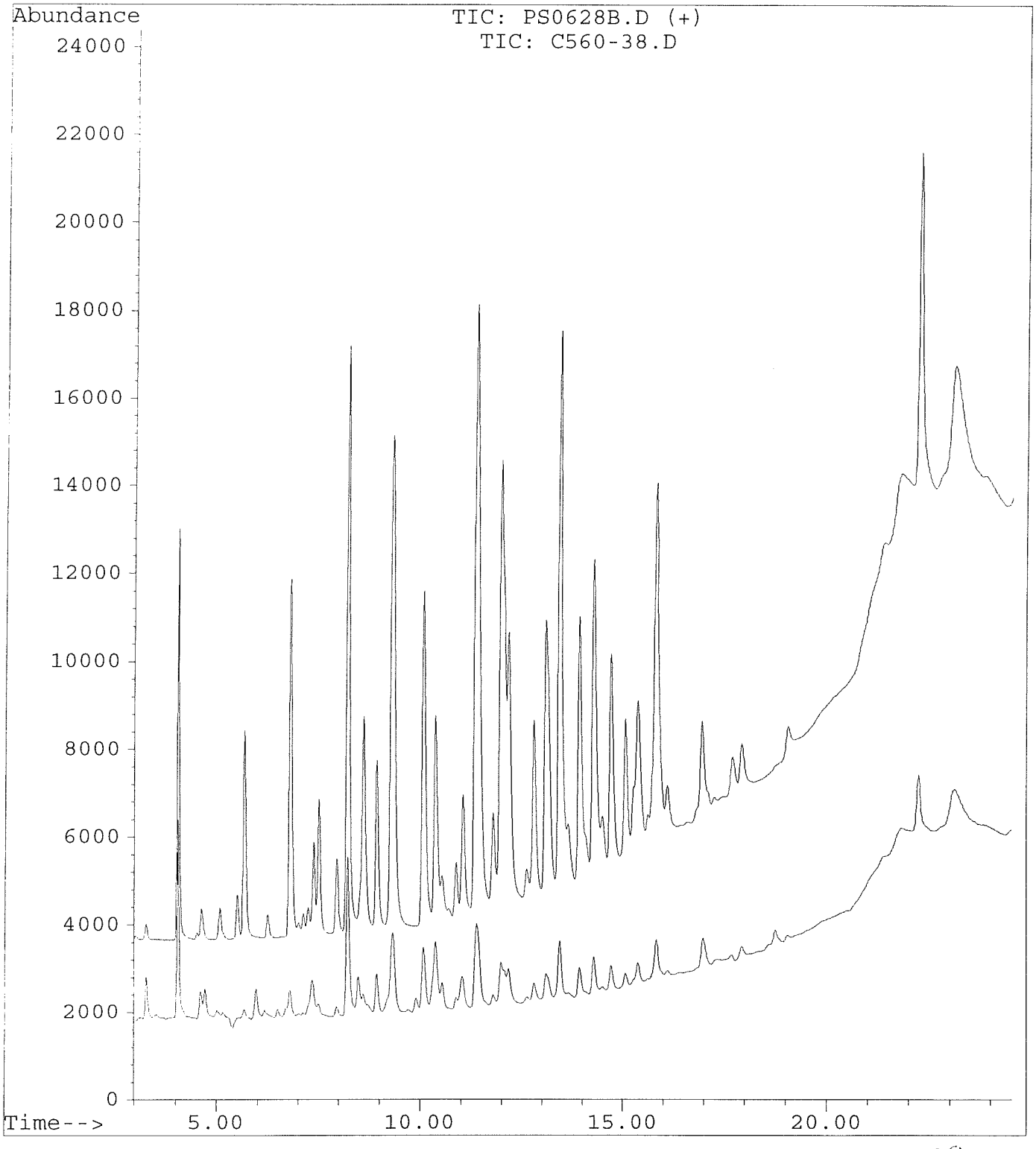
Signal #1 : D:\HPCHEM\5\JUN27A\C560-38.D Vial: 29
Signal #2 : D:\HPCHEM\5\JUN27A\C560-38.D\CONFIRM.D
Acq On : 28 Jun 96 01:44 PM Operator: JS
Sample : VHB / SDE QAQC J7:L9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:47 1996

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

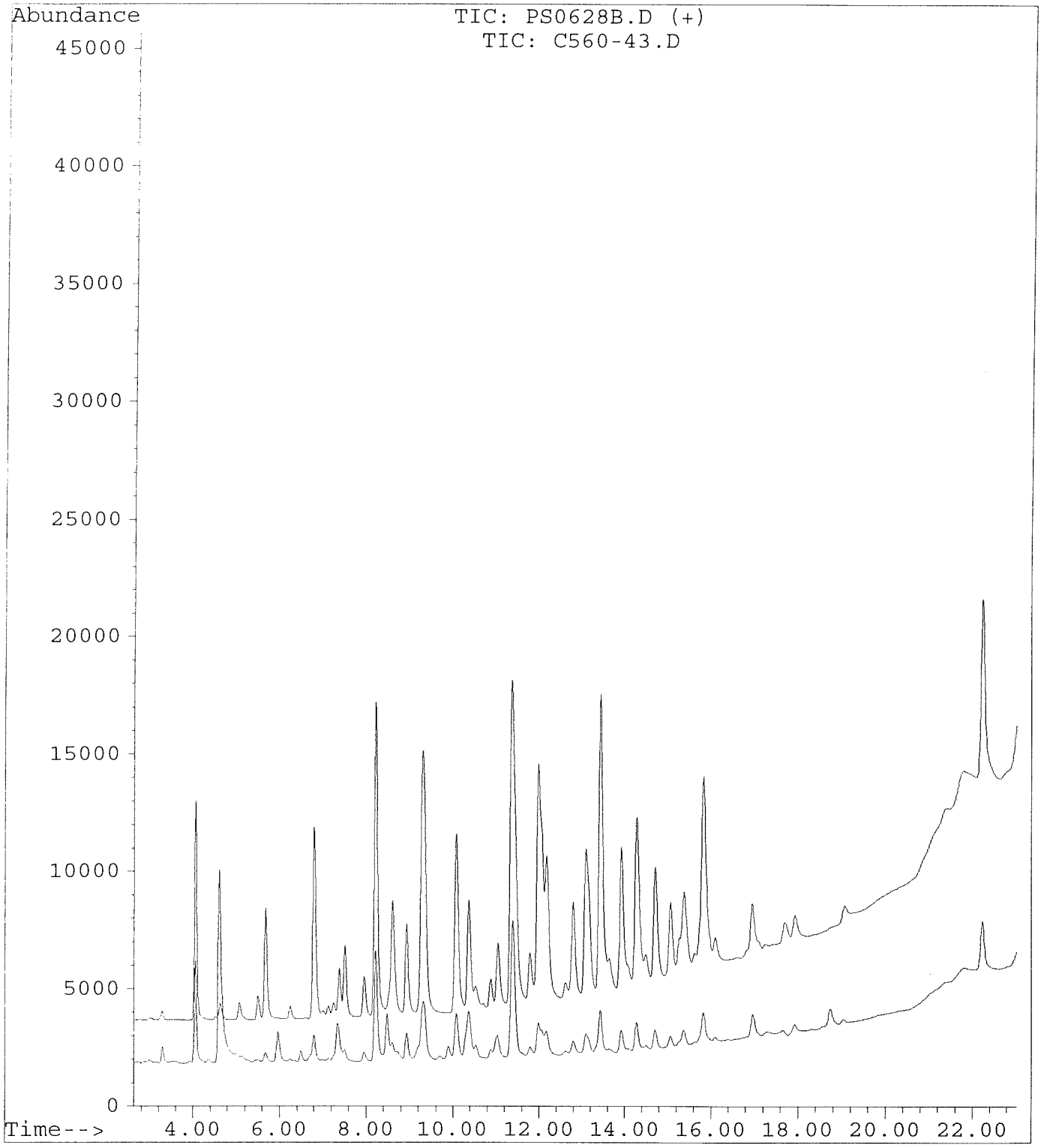
Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



File : D:\HPCHEM\5\JUN27A\C560-38.D
Operator : JS
Acquired : 28 Jun 96 01:44 PM using AcqMethod PCB1E.MTH
Instrument : ECD1
Sample Name: VHB / SDE QAQC J7:L9
Misc Info : 1L/10ML PCB ANALYSIS
Vial Number: 29



File : D:\HPCHEM\5\JUN27A\C560-43.D
Operator : JS
Acquired : 28 Jun 96 06:30 PM using AcqMethod PCB1E.MTH
Instrument : ECD1
Sample Name: VHB / CDE QAQC J1:L3
Misc Info : 1L/10ML PCB ANALYSIS
Vial Number: 34



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-39.D Vial: 30
Signal #2 : D:\HPCHEM\5\JUN27A\C560-39.D\CONFIRM.D
Acq On : 28 Jun 96 04:06 PM Operator: JS
Sample : VHB / SDE QAQC U7:X9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:49 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	4.05	6.41	4717	3965	0.021m	0.021m
				Recovery	=	52.50%	52.50% 105%
2) S	Decachlorobiphenyl	22.23	30.37	1661	651	0.008m	0.008
				Recovery	=	20.00%	20.00% 40%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	0.00	325	0	0.003	N.D. #
4) M	2,2',3,3',4,4'-Hexa	16.98	21.57	1132	406	0.012	0.003 #
5) L1	Aroclor-1016	6.80	0.00	317	0	0.010	N.D. #
6) L1	Aroclor-1016 {2}	8.93	10.30	106	55	0.007	0.002 #
7) L1	Aroclor-1016 {3}	9.31	0.00	188	0	0.008	N.D. #
	Total Aroclor-1016			611	55	0.025	0.002
	Average Aroclor-1016					0.008	0.002
8) L2	Aroclor-1221	5.01f	0.00	741	0	0.153	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	150	0	0.011	N.D. #
	Total Aroclor-1221			892	0	0.164	N.D.
	Average Aroclor-1221					0.082	0.000
11) L3	Aroclor-1232	5.67	0.00	150	0	0.013	N.D. #
12) L3	Aroclor-1232 {2}	6.80	10.30	317	55	0.036	0.007 #
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1232			467	55	0.049	0.007
	Average Aroclor-1232					0.024	0.007
14) L4	Aroclor-1242	8.22	0.00	325	0	0.009	N.D. #
15) L4	Aroclor-1242 {2}	8.93	0.00	106	0	0.010	N.D. #
16) L4	Aroclor-1242 {3}	10.09	13.98	133	388	0.009	0.031 #
	Total Aroclor-1242			564	388	0.027	0.031
	Average Aroclor-1242					0.009	0.031
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	10.14	0.00	133	0	0.008	N.D. #
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			133	0	0.008	N.D.
	Average Aroclor-1248					0.008	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-39.D Vial: 30
Signal #2 : D:\HPCHEM\5\JUN27A\C560-39.D\CONFIRM.D
Acq On : 28 Jun 96 04:06 PM Operator: JS
Sample : VHB / SDE QAQC U7:X9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:49 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
20) L6	Aroclor-1254	11.99	15.43	160	81	0.006	0.003m#
21) L6	Aroclor-1254 {2}	13.42	15.70	351	107	0.011	0.004m#
22) L6	Aroclor-1254 {3}	15.84	17.54	664	167	0.029	0.004m#
Total	Aroclor-1254			1175	355	0.045	0.011
Average	Aroclor-1254					0.015	0.004
23) L7	Aroclor-1260	13.91	18.19	204	450	0.007	0.015 #
24) L7	Aroclor-1260 {2}	14.73	18.51	250	584	0.008	0.018 #
25) L7	Aroclor-1260 {3}	17.96	0.00	894	0	0.023	N.D. #
Total	Aroclor-1260			1348	1034	0.039	0.033
Average	Aroclor-1260					0.013	0.016
26) L8	Aroclor-1268	0.00	23.31	0	255	N.D.	NoCal
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	21.83	0.00	2354	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.

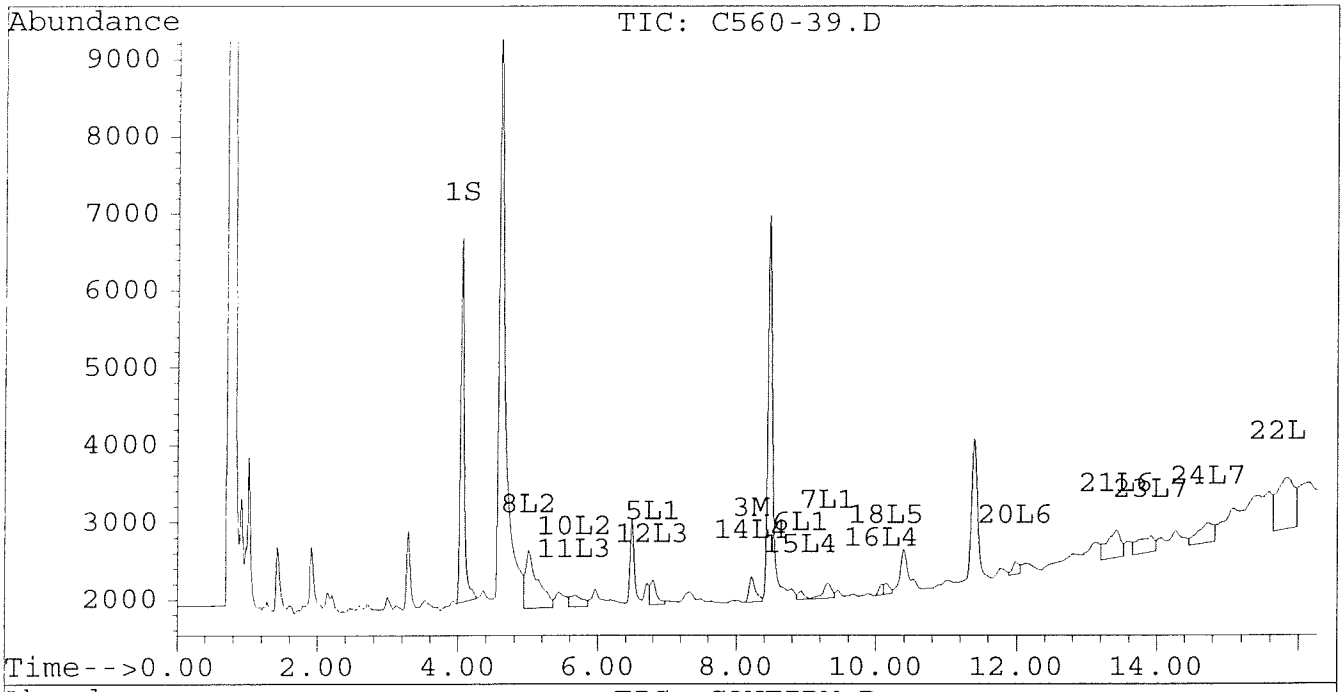
058

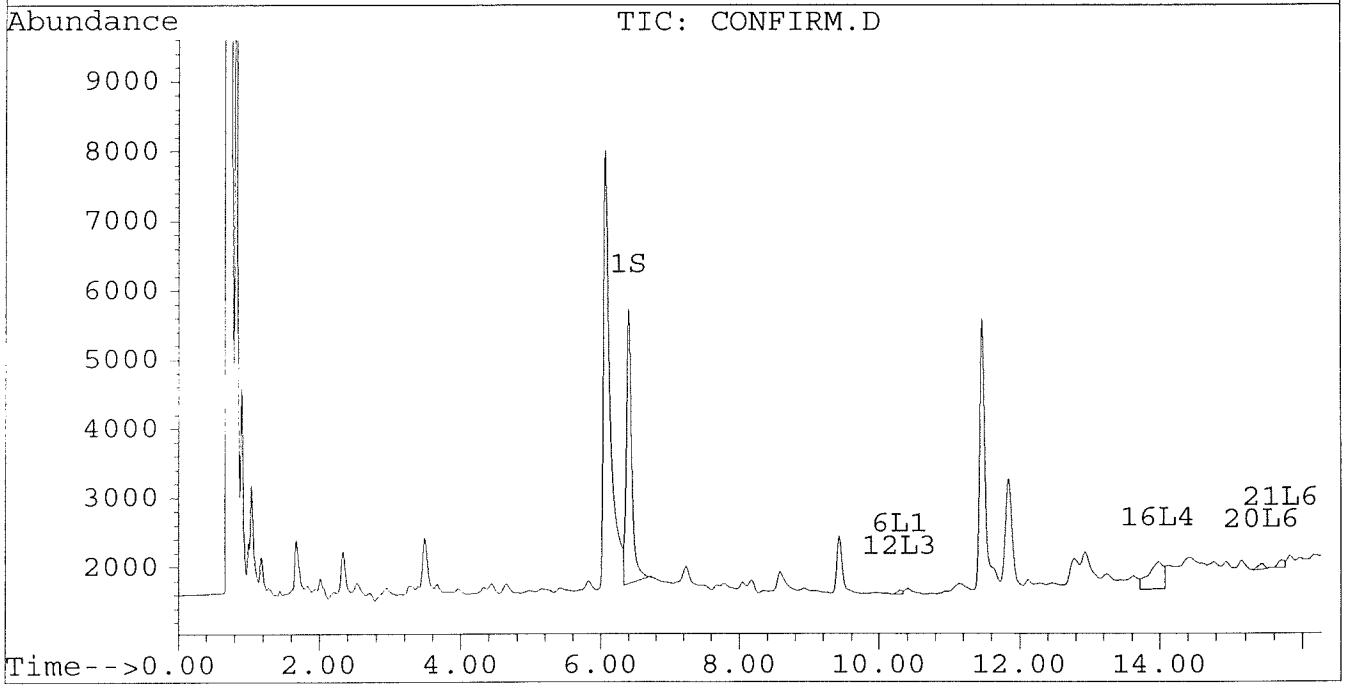
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-39.D Vial: 30
Signal #2 : D:\HPCHEM\5\JUN27A\C560-39.D\CONFIRM.D
Acq On : 28 Jun 96 04:06 PM Operator: JS
Sample : VHB / SDE QAQC U7:X9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:49 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





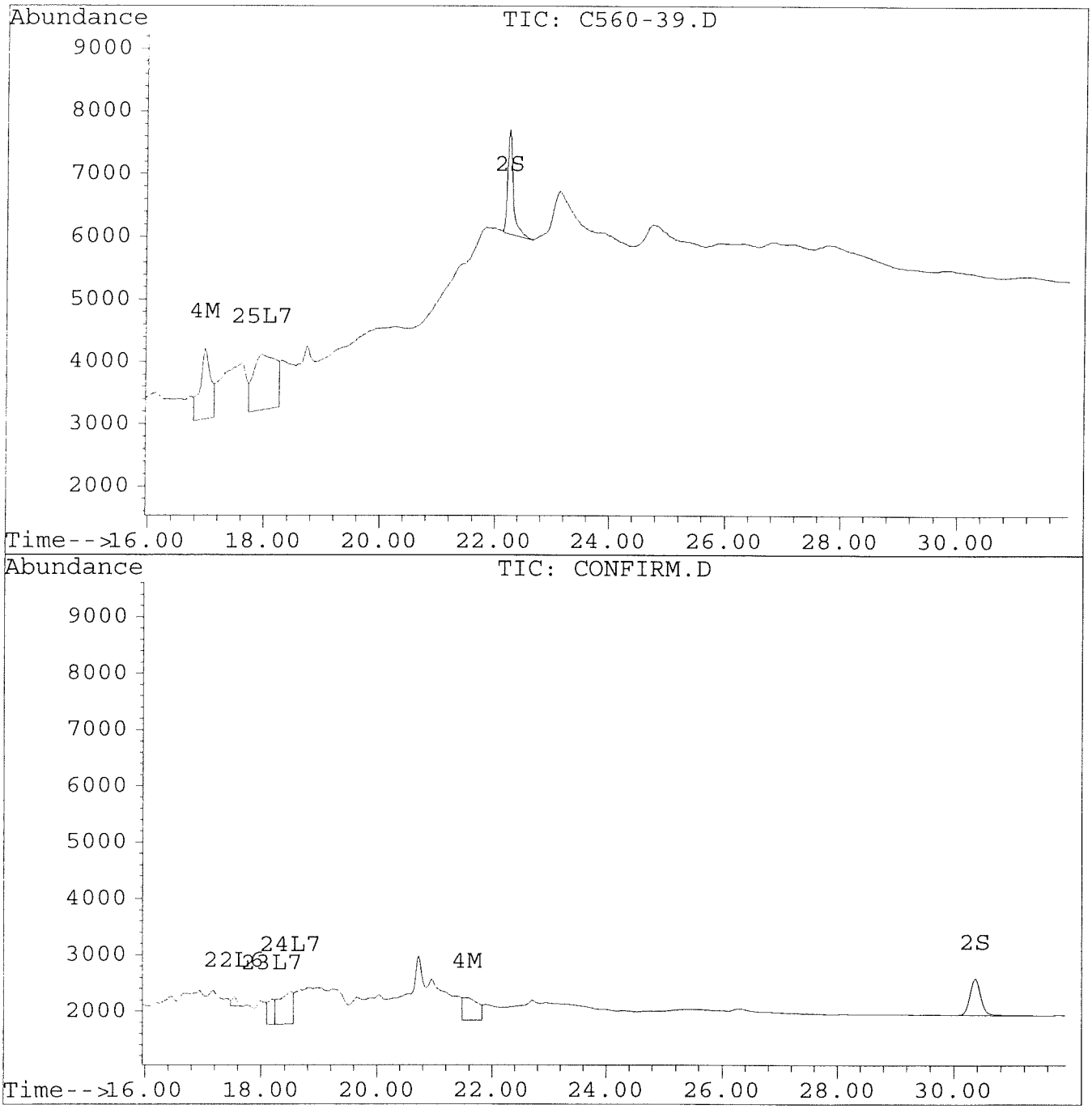
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-39.D
Signal #2 : D:\HPCHEM\5\JUN27A\C560-39.D\CONFIRM.D
Acq On : 28 Jun 96 04:06 PM
Sample : VHB / SDE QAQC U7:X9
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 2 11:49 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\JUN27A\C560-40.D Vial: 31
Signal #2 : D:\HPCHEM\5\JUN27A\C560-40.D\CONFIRM.D
Acq On : 28 Jun 96 04:43 PM Operator: JS
Sample : VHB / CDE QAQC V7:X9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:50 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	4.06	6.41	4709	4013	0.021	0.021m
				Recovery	=	52.50%	52.50%
2) S	Decachlorobiphenyl	22.23	30.37	3930	834	0.019	0.010 #
				Recovery	=	47.50%	25.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	0.00	105	0	0.001	N.D. #
4) M	2,2',3,3',4,4'-Hexa	16.99	0.00	921	0	0.010	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	55	0	0.004	N.D. #
7) L1	Aroclor-1016 {3}	9.33	0.00	64	0	0.003	N.D. #
	Total Aroclor-1016			119	0	0.006	N.D.
	Average Aroclor-1016					0.003	0.000
8) L2	Aroclor-1221	5.02f	0.00	529	0	0.109	N.D. #
9) L2	Aroclor-1221 {2}	5.45f	0.00	63	0	0.015	N.D. #
10) L2	Aroclor-1221 {3}	5.68	0.00	26	0	0.002	N.D. #
	Total Aroclor-1221			617	0	0.127	N.D.
	Average Aroclor-1221					0.042	0.000
11) L3	Aroclor-1232	5.68	0.00	26	0	0.002	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			26	0	0.002	N.D.
	Average Aroclor-1232					0.002	0.000
14) L4	Aroclor-1242	8.22	0.00	105	0	0.003	N.D. #
15) L4	Aroclor-1242 {2}	8.92	0.00	55	0	0.005	N.D. #
16) L4	Aroclor-1242 {3}	0.00	13.99	0	84	N.D.	0.007 #
	Total Aroclor-1242			160	84	0.008	0.007
	Average Aroclor-1242					0.004	0.007
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	10.16	0.00	94	0	0.006	N.D. #
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			94	0	0.006	N.D.
	Average Aroclor-1248					0.006	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-40.D Vial: 31
Signal #2 : D:\HPCHEM\5\JUN27A\C560-40.D\CONFIRM.D
Acq On : 28 Jun 96 04:43 PM Operator: JS
Sample : VHB / CDE QAQC V7:X9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:50 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	0.00	15.45	0	62	N.D.	0.002 #
21) L6	Aroclor-1254 {2}	13.44	15.69	50	62	0.002	0.002 #
22) L6	Aroclor-1254 {3}	15.85	17.55	119	101	0.005	0.003 #
Total	Aroclor-1254			169	225	0.007	0.007
Average	Aroclor-1254					0.003	0.002
23) L7	Aroclor-1260	13.93	0.00	25	0	0.001	N.D. #
24) L7	Aroclor-1260 {2}	0.00	18.49	0	86	N.D.	0.003 #
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			25	86	0.001	0.003
Average	Aroclor-1260					0.001	0.003
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	23.54	0	46	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

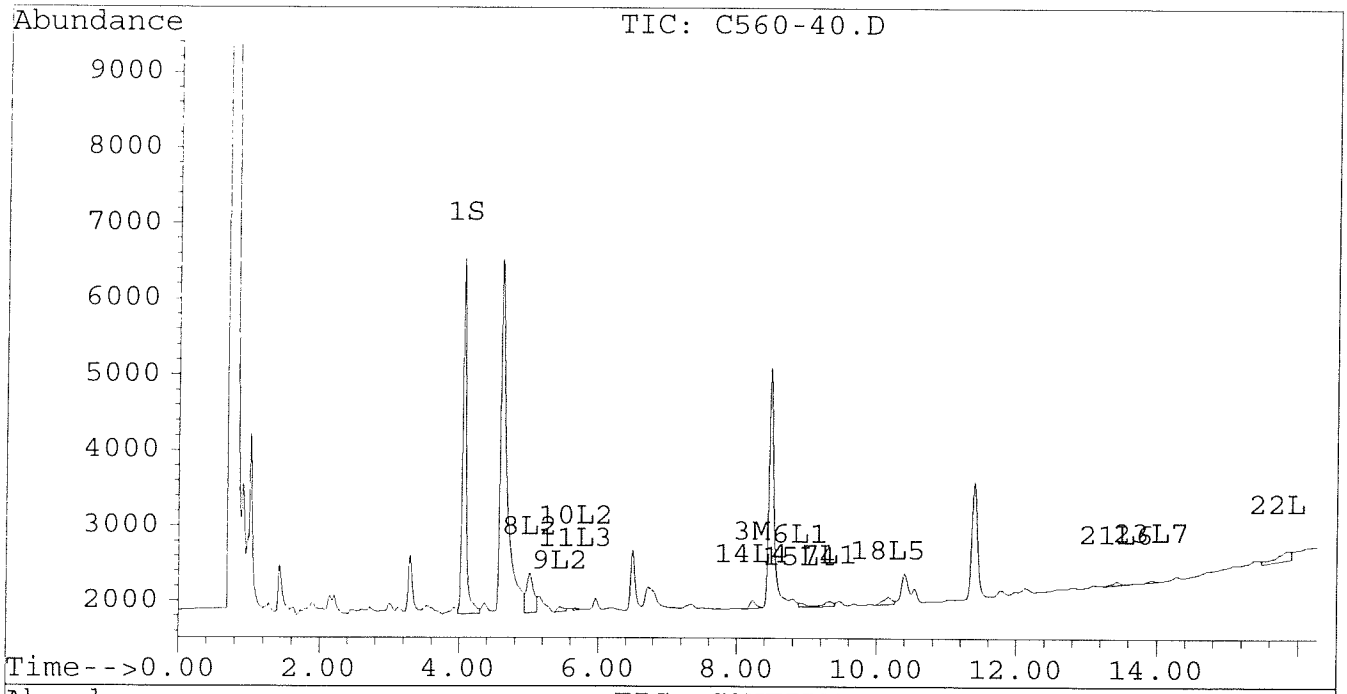
Quantitation Report

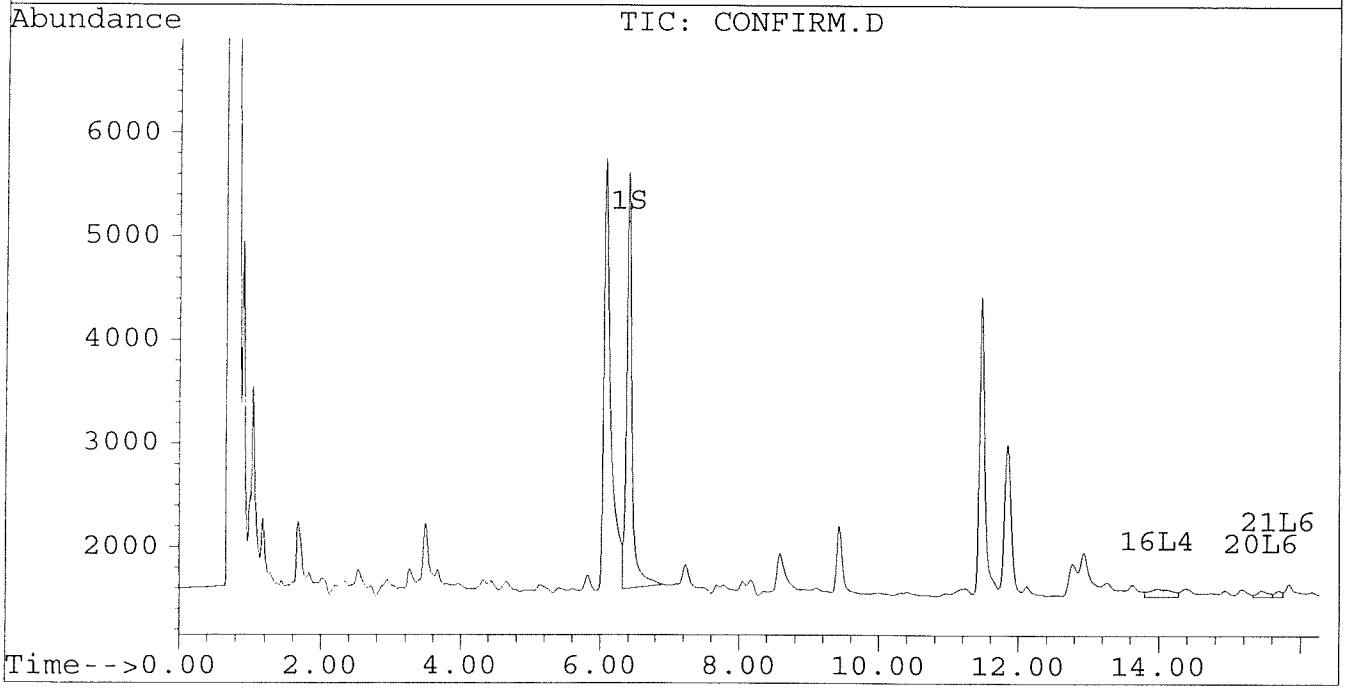
Signal #1 : D:\HPCHEM\5\JUN27A\C560-40.D
Signal #2 : D:\HPCHEM\5\JUN27A\C560-40.D\CONFIRM.D
Acq On : 28 Jun 96 04:43 PM
Sample : VHB / CDE QAQC V7:X9
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 2 11:50 1996

Vial: 31
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





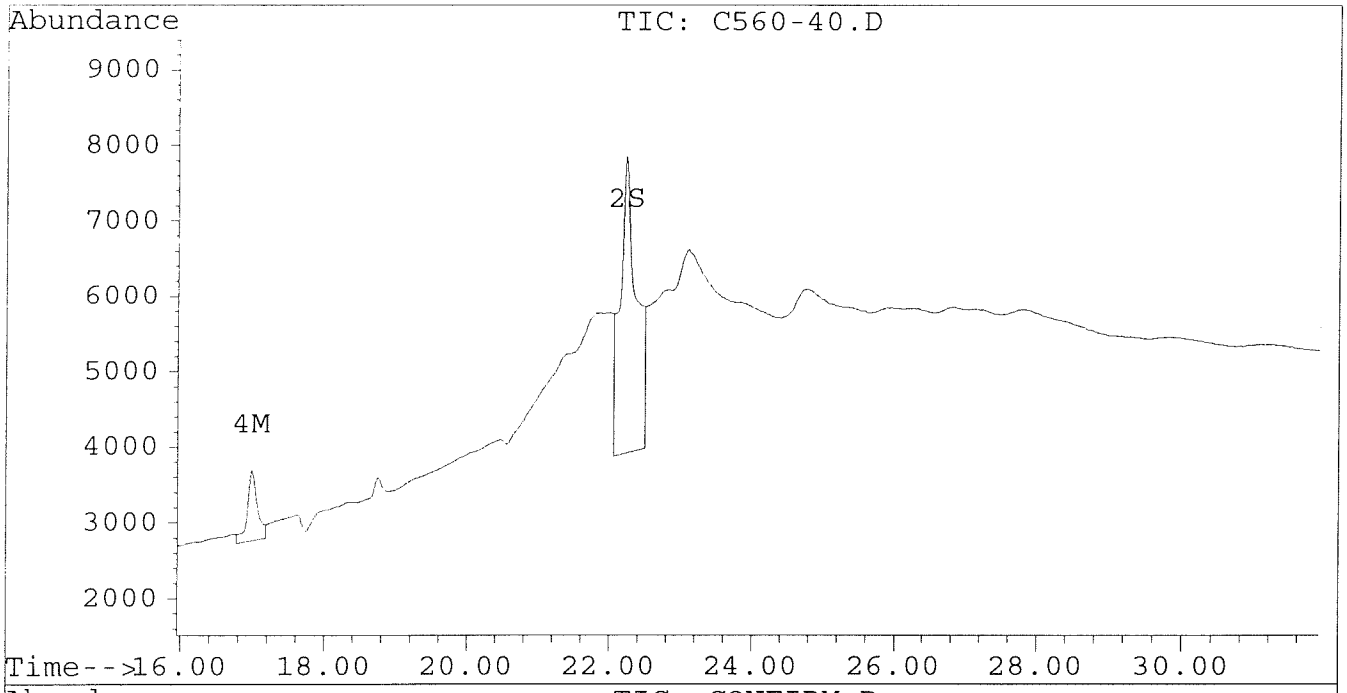
061

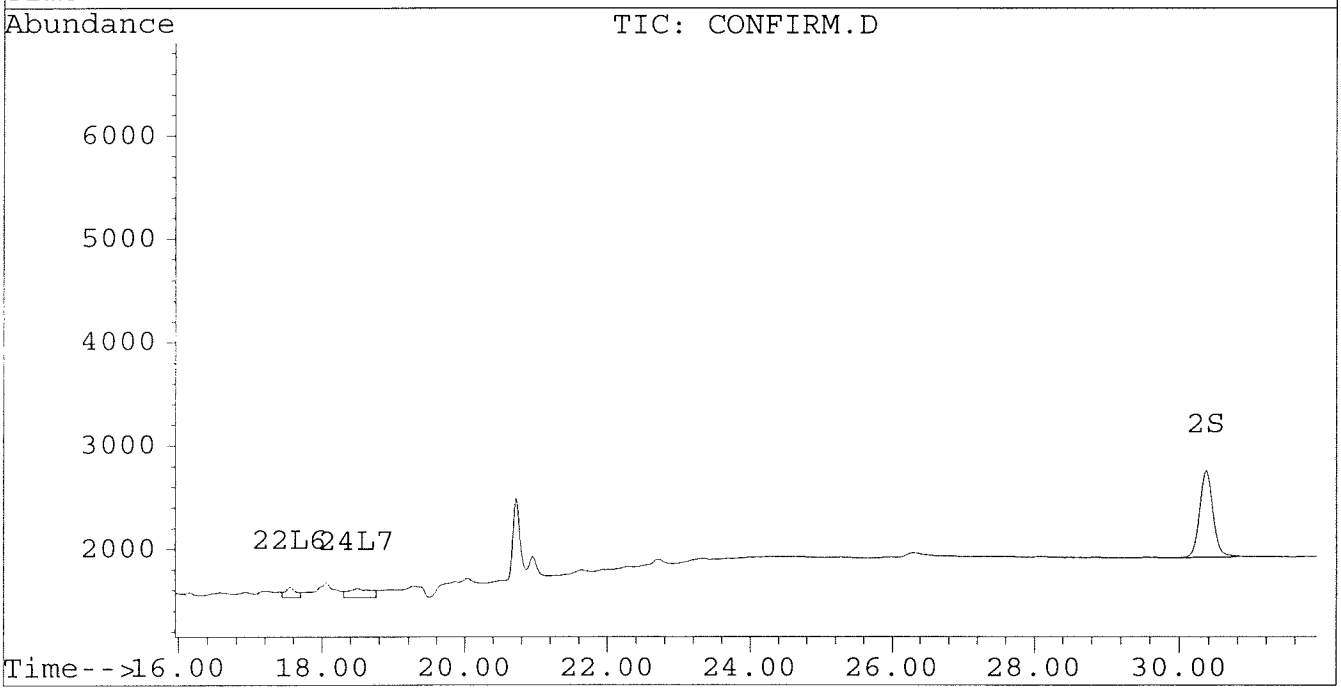
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-40.D Vial: 31
Signal #2 : D:\HPCHEM\5\JUN27A\C560-40.D\CONFIRM.D
Acq On : 28 Jun 96 04:43 PM Operator: JS
Sample : VHB / CDE QAQC V7:X9 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:50 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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-41.D Vial: 32
Signal #2 : D:\HPCHEM\5\JUN27A\C560-41.D\CONFIRM.D
Acq On : 28 Jun 96 05:18 PM Operator: JS
Sample : VHB / CDE QAQC V1:X3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:50 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	4.05	6.41	3987	3593	0.018	0.019m
				Recovery	=	45.00%	47.50% 95/
2) S	Decachlorobiphenyl	22.23	30.36	3941	659	0.019	0.008 #
				Recovery	=	47.50%	20.00% 40
	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	16.98	0.00	992	0	0.011	N.D. #
5) L1	Aroclor-1016	6.79	0.00	44	0	0.001	N.D. #
6) L1	Aroclor-1016 {2}	8.92	10.34f	35	54	0.002	0.002
7) L1	Aroclor-1016 {3}	9.32	0.00	27	0	0.001	N.D. #
Total	Aroclor-1016			106	54	0.005	0.002
Average	Aroclor-1016					0.002	0.002
8) L2	Aroclor-1221	5.06	0.00	394	0	0.081	N.D. #
9) L2	Aroclor-1221 {2}	0.00	8.57f	0	85	N.D.	0.025 #
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			394	85	0.081	0.025
Average	Aroclor-1221					0.081	0.025
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	6.79	0.00	44	0	0.005	N.D. #
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			44	0	0.005	N.D.
Average	Aroclor-1232					0.005	0.000
14) L4	Aroclor-1242	8.22	0.00	50	0	0.001	N.D. #
15) L4	Aroclor-1242 {2}	8.92	0.00	35	0	0.003	N.D. #
16) L4	Aroclor-1242 {3}	0.00	13.99	0	85	N.D.	0.007 #
Total	Aroclor-1242			85	85	0.004	0.007
Average	Aroclor-1242					0.002	0.007
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	10.16	0.00	51	0	0.003	N.D. #
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			51	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.

063

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-41.D Vial: 32
Signal #2 : D:\HPCHEM\5\JUN27A\C560-41.D\CONFIRM.D
Acq On : 28 Jun 96 05:18 PM Operator: JS
Sample : VHB / CDE QAQC V1:X3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:50 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	0.00	0.00	0	0	N.D.	N.D.	
21) L6	Aroclor-1254 {2}	0.00	15.69	0	16	N.D.	0.001	#
22) L6	Aroclor-1254 {3}	0.00	17.55	0	27	N.D.	0.001	#
Total	Aroclor-1254			0	43	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	18.49	0	15	N.D.	0.000	#
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1260			0	15	N.D.	0.000	
Average	Aroclor-1260					0.000	0.000	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.	
28) L8	Aroclor-1268 {3}	21.80	0.00	2409	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.

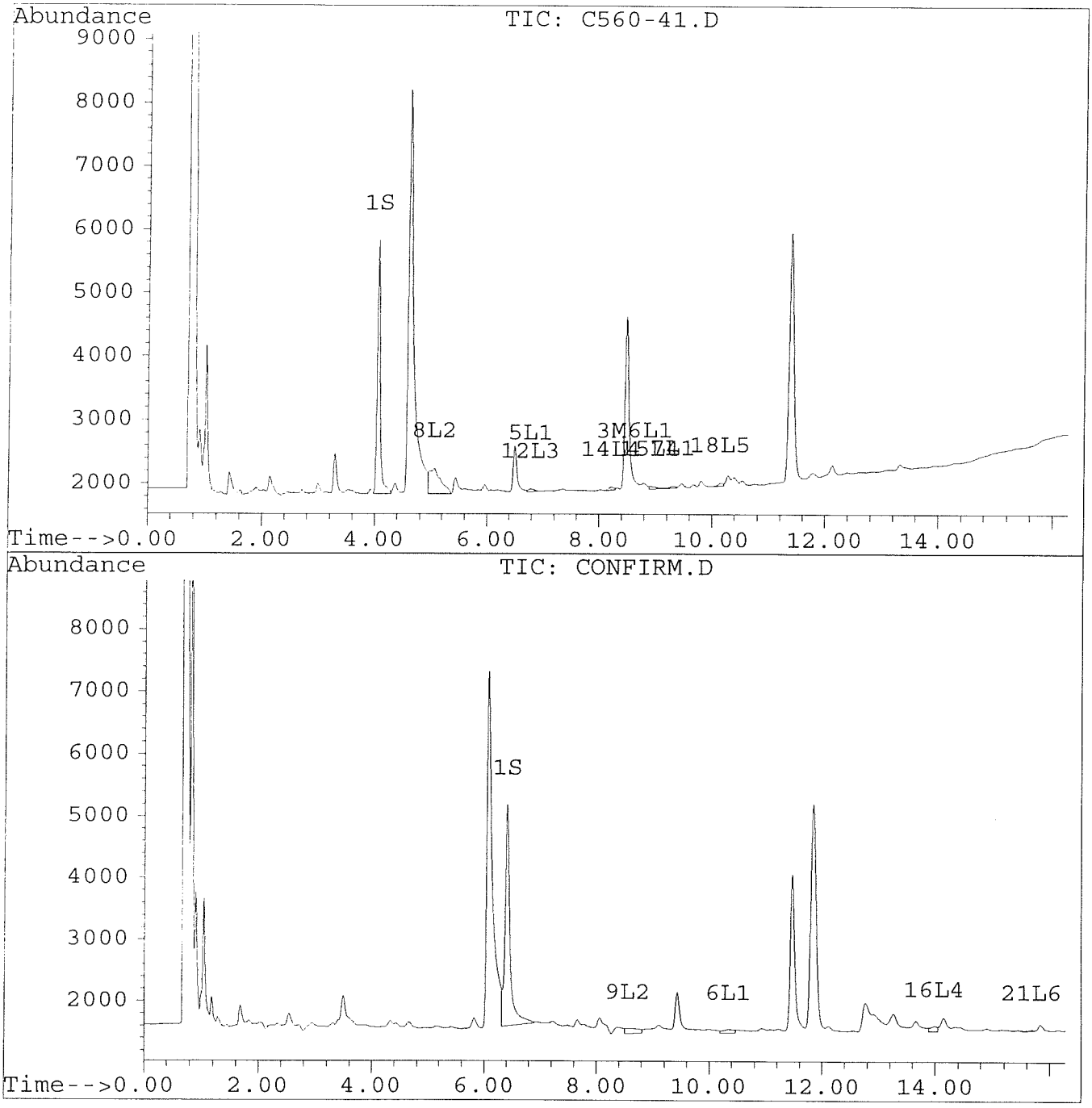
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-41.D
Signal #2 : D:\HPCHEM\5\JUN27A\C560-41.D\CONFIRM.D
Acq On : 28 Jun 96 05:18 PM
Sample : VHB / CDE QAQC V1:X3
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 2 11:50 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

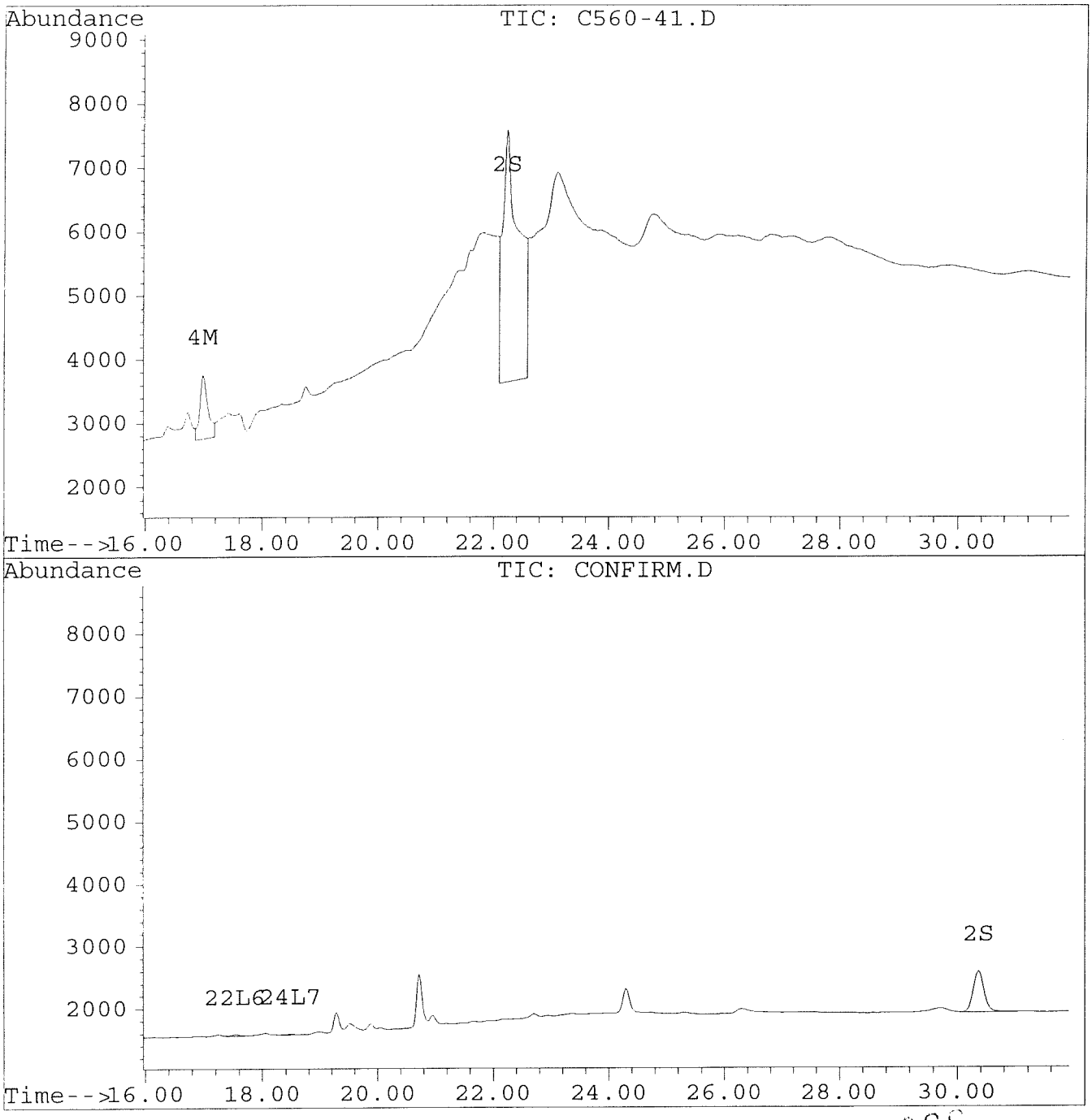
Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



Signal #1 : D:\HPCHEM\5\JUN27A\C560-41.D Vial: 32
Signal #2 : D:\HPCHEM\5\JUN27A\C560-41.D\CONFIRM.D
Acq On : 28 Jun 96 05:18 PM Operator: JS
Sample : VHB / CDE QAQC V1:X3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:50 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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-42.D Vial: 33
Signal #2 : D:\HPCHEM\5\JUN27A\C560-42.D\CONFIRM.D
Acq On : 28 Jun 96 05:54 PM Operator: JS
Sample : VHB / CDE QAQC P1:R3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:51 1996

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

Volume Inj. : 2.0 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	4400	3546	0.019m	0.019m
				Recovery	=	47.50%	47.50%
2) S	Decachlorobiphenyl	22.23	30.36	4489	1026	0.022	0.013 #
				Recovery	=	55.00%	32.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	0.00	83	0	0.001	N.D. #
4) M	2,2',3,3',4,4'-Hexa	17.01	0.00	381	0	0.004	N.D. #
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	8.91	0.00	38	0	0.002	N.D. #
7) L1	Aroclor-1016 {3}	9.32	0.00	28	0	0.001	N.D. #
Total	Aroclor-1016			66	0	0.004	N.D.
Average	Aroclor-1016					0.002	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	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	83	0	0.002	N.D. #
15) L4	Aroclor-1242 {2}	8.91	0.00	38	0	0.003	N.D. #
16) L4	Aroclor-1242 {3}	0.00	13.99	0	21	N.D.	0.002 #
Total	Aroclor-1242			120	21	0.006	0.002
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}	10.18	0.00	55	0	0.003	N.D. #
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			55	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\JUN27A\C560-42.D Vial: 33
Signal #2 : D:\HPCHEM\5\JUN27A\C560-42.D\CONFIRM.D
Acq On : 28 Jun 96 05:54 PM Operator: JS
Sample : VHB / CDE QAQC P1:R3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:51 1996

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

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

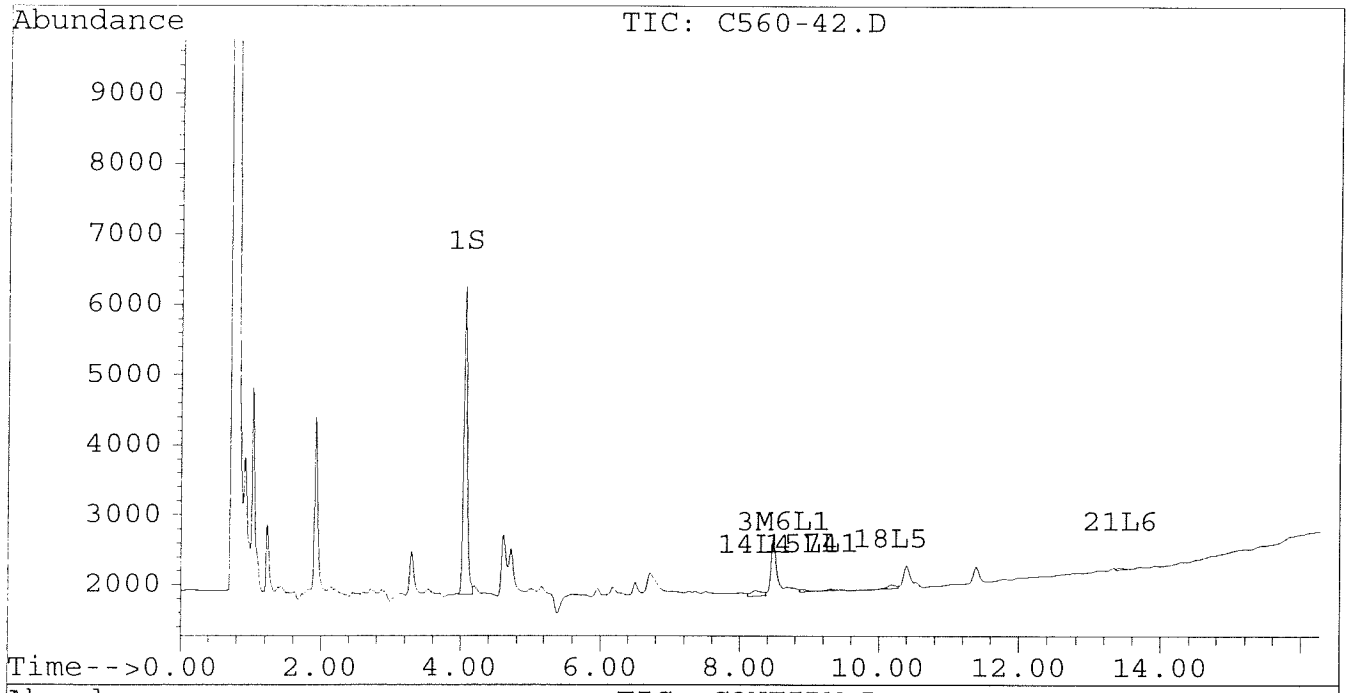
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.45	0	20	N.D.	0.001 #
21) L6	Aroclor-1254 {2}	13.44	15.69	32	25	0.001	0.001
22) L6	Aroclor-1254 {3}	0.00	17.54	0	52	N.D.	0.001 #
Total	Aroclor-1254			32	98	0.001	0.003
Average	Aroclor-1254					0.001	0.001
23) L7	Aroclor-1260	0.00	18.17	0	49	N.D.	0.002 #
24) L7	Aroclor-1260 {2}	0.00	18.49	0	53	N.D.	0.002 #
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	101	N.D.	0.003
Average	Aroclor-1260					0.000	0.002
26) L8	Aroclor-1268	0.00	23.33	0	123	N.D.	NoCal
27) L8	Aroclor-1268 {2}	0.00	23.51	0	112	N.D.	NoCal
28) L8	Aroclor-1268 {3}	21.81	0.00	2304	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

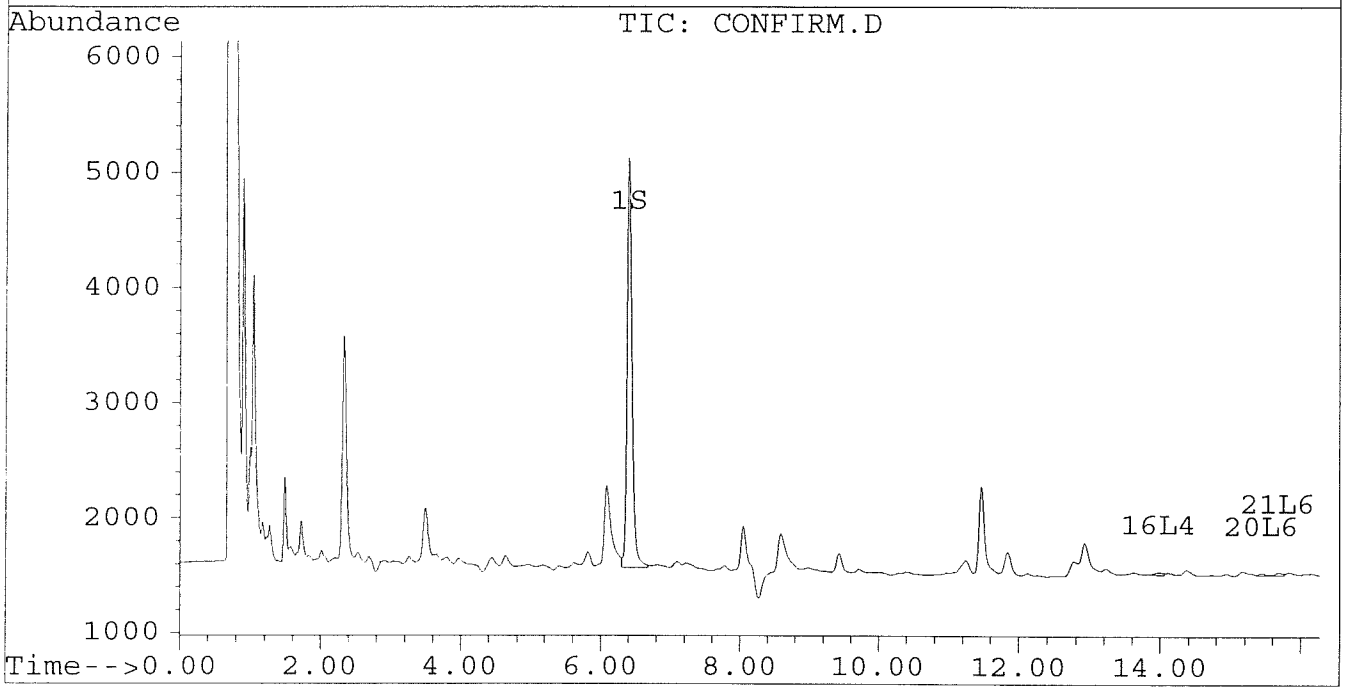
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-42.D Vial: 33
Signal #2 : D:\HPCHEM\5\JUN27A\C560-42.D\CONFIRM.D
Acq On : 28 Jun 96 05:54 PM Operator: JS
Sample : VHB / CDE QAQC P1:R3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:51 1996

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

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





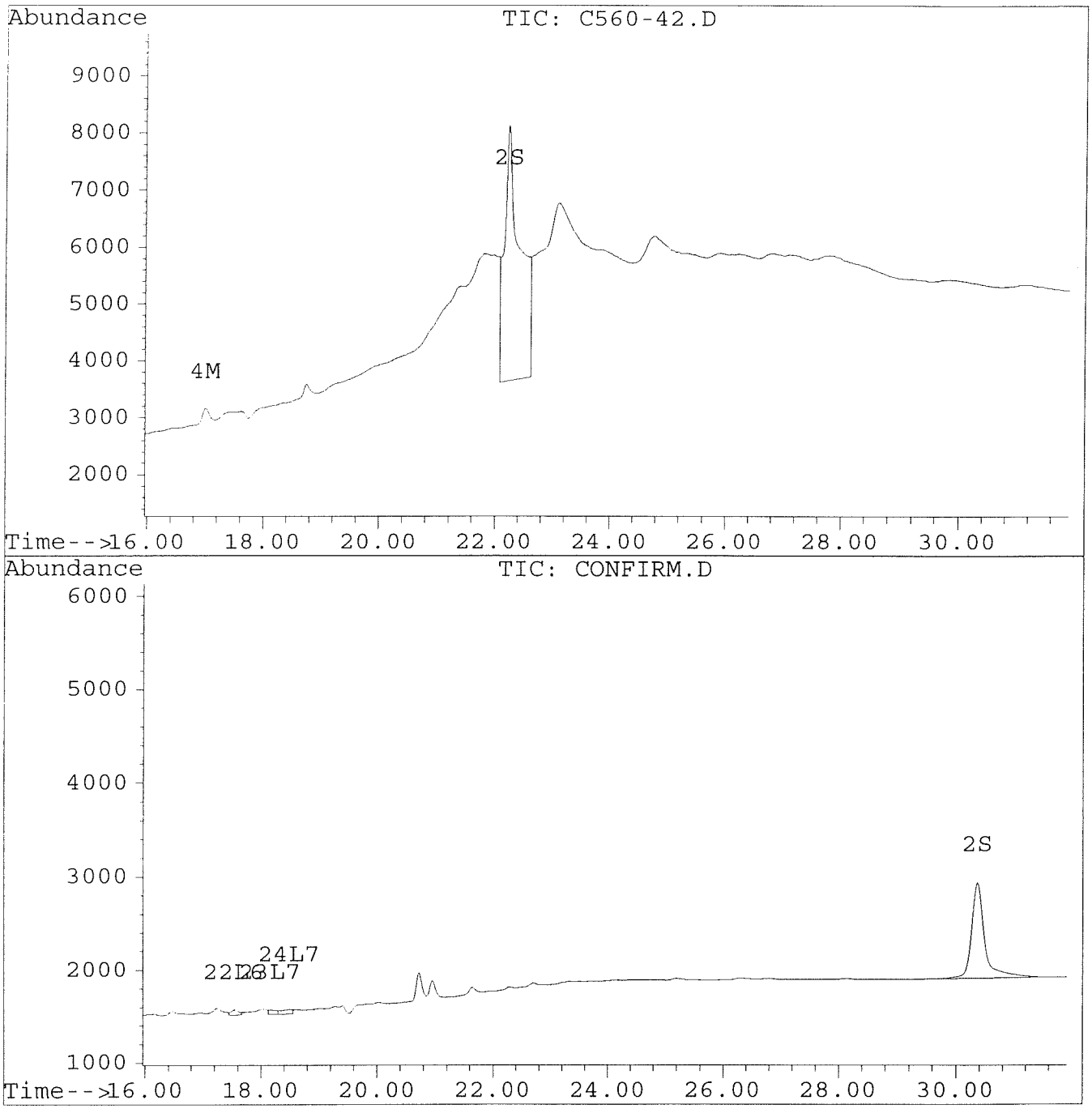
061

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-42.D Vial: 33
Signal #2 : D:\HPCHEM\5\JUN27A\C560-42.D\CONFIRM.D
Acq On : 28 Jun 96 05:54 PM Operator: JS
Sample : VHB / CDE QAQC P1:R3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 2 11:51 1996

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

Volume Inj. : 2.0 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\C560-43.D Vial: 34
Signal #2 : D:\HPCHEM\5\JUN27A\C560-43.D\CONFIRM.D
Acq On : 28 Jun 96 06:30 PM Operator: JS
Sample : VHB / CDE QAQC J1:L3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 3 14:19 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	4404	3958	0.019	0.021m
				Recovery	=	47.50%	52.50%
2) S	Decachlorobiphenyl	22.23	30.36	2031	805	0.010m	0.010
				Recovery	=	25.00%	25.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.64	4681	3211	0.046	0.032 #
4) M	2,2',3,3',4,4'-Hexa	16.97	21.56	1084	343	0.012	0.003 #
5) L1	Aroclor-1016	6.79	8.76	1138	257	0.037	0.020 #
6) L1	Aroclor-1016 {2}	8.93	10.30	1150	912	0.076	0.034 #
7) L1	Aroclor-1016 {3}	9.32	12.22	2487	652	0.102	0.039 #
	Total Aroclor-1016			4774	1821	0.215	0.093
	Average Aroclor-1016					0.072	0.031
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	5.49	0.00	109	0	0.027	N.D. #
10) L2	Aroclor-1221 {3}	5.67	8.76	435	257	0.031	0.025
	Total Aroclor-1221			545	257	0.058	0.025
	Average Aroclor-1221					0.029	0.025
11) L3	Aroclor-1232	5.67	8.76	435	257	0.036	0.028
12) L3	Aroclor-1232 {2}	6.79	10.30	1138	912	0.131	0.122
13) L3	Aroclor-1232 {3}	8.60	12.22	764	652	0.145	0.152
	Total Aroclor-1232			2337	1821	0.312	0.302
	Average Aroclor-1232					0.104	0.101
14) L4	Aroclor-1242	8.22	11.64	4681	3211	0.125	0.110
15) L4	Aroclor-1242 {2}	8.93	12.22	1150	652	0.104	0.052 #
16) L4	Aroclor-1242 {3}	10.07	13.98	1925	1635	0.131	0.131
	Total Aroclor-1242			7756	5498	0.360	0.293
	Average Aroclor-1242					0.120	0.098
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\C560-43.D
Signal #2 : D:\HPCHEM\5\JUN27A\C560-43.D\CONFIRM.D
Acq On : 28 Jun 96 06:30 PM
Sample : VHB / CDE QAQC J1:L3
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jul 3 14:19 1996

Vial: 34
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	11.99	15.45	1408	1302	0.053	0.051
21) L6 Aroclor-1254 {2}	13.43	15.69	1828	1436	0.055	0.052
22) L6 Aroclor-1254 {3}	15.82	17.54	1351	1820	0.058	0.049
Total Aroclor-1254			4586	4558	0.166	0.151
Average Aroclor-1254					0.055	0.050
23) L7 Aroclor-1260	13.92	18.17	928	749	0.032	0.025
24) L7 Aroclor-1260 {2}	14.71	18.50	805	825	0.026	0.025
25) L7 Aroclor-1260 {3}	17.93	21.91	511	313	0.013	0.007 #
Total Aroclor-1260			2244	1886	0.072	0.057
Average Aroclor-1260					0.024	0.019
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.04	0.00	540	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	28.12	2270	29	NoCal	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1254

$\frac{0.161 \times 10}{1C} = 1.5$ ug/l

AR1242

$\frac{0.110 + 0.051}{1 \times .66} \times 10 = \frac{0.161 \times 10}{1 \times .66} = \frac{2.4}{3.7}$ ug/l

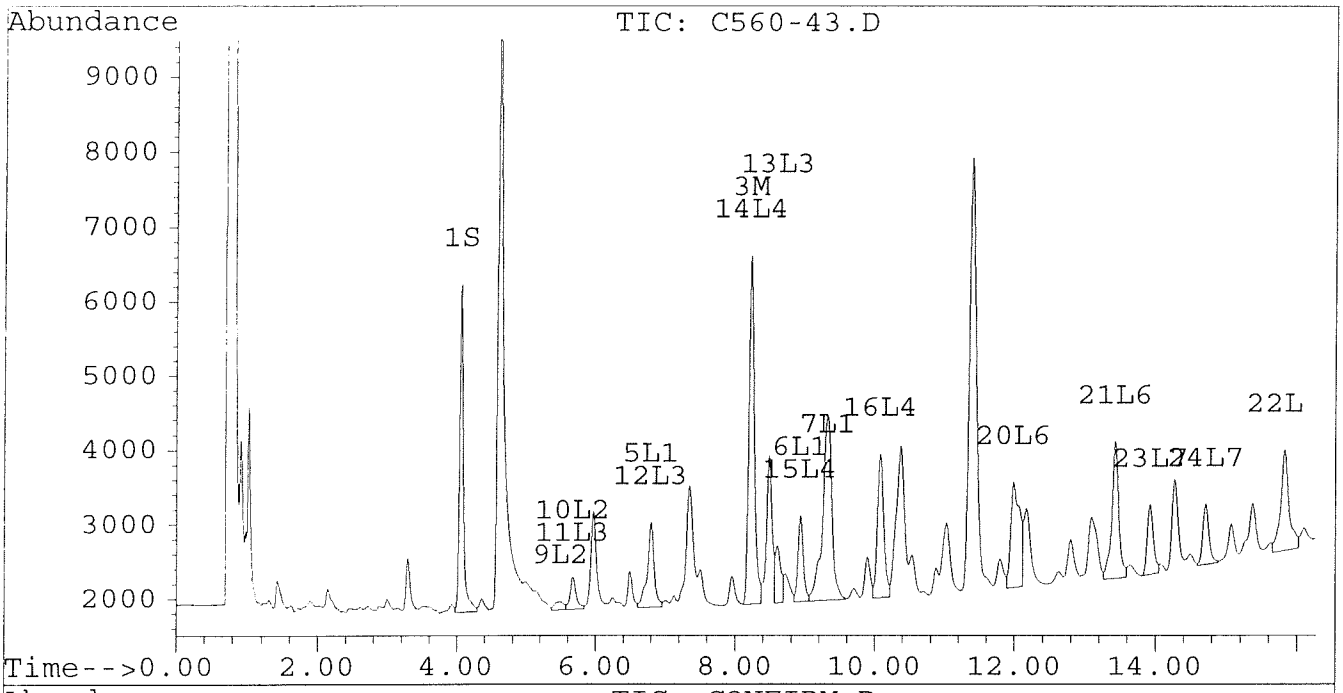
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

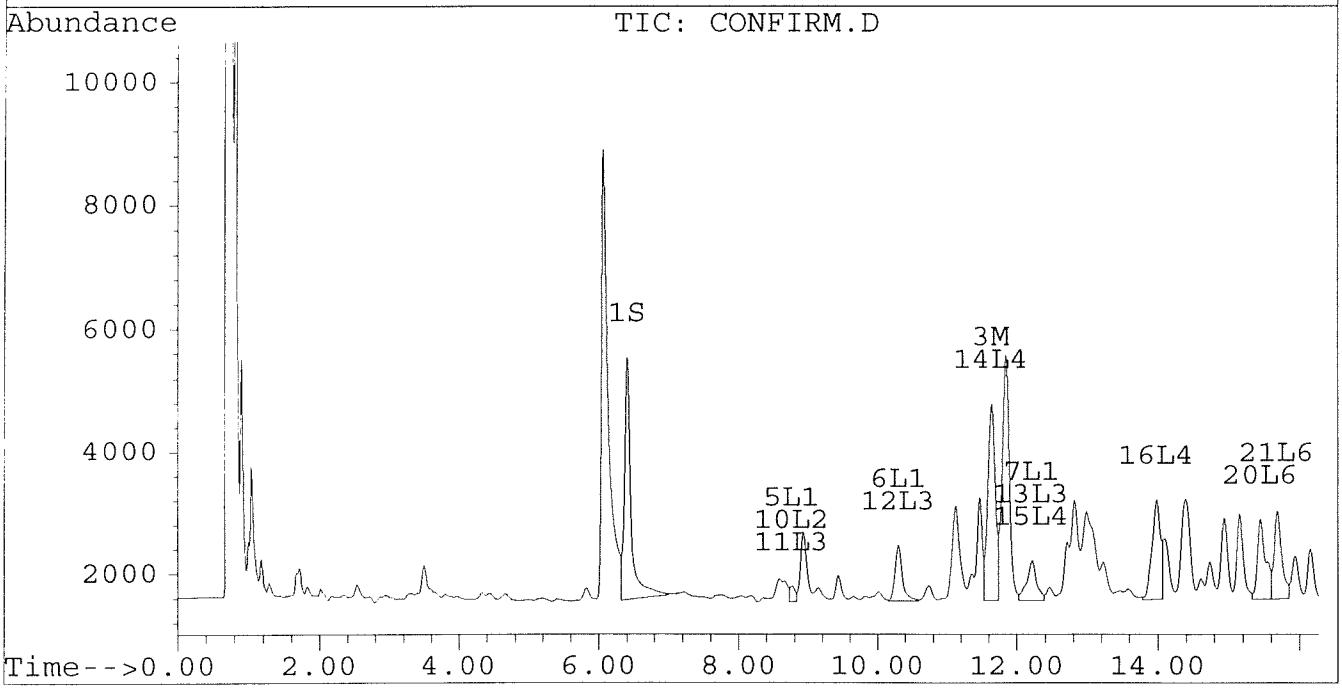
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-43.D Vial: 34
Signal #2 : D:\HPCHEM\5\JUN27A\C560-43.D\CONFIRM.D
Acq On : 28 Jun 96 06:30 PM Operator: JS
Sample : VHB / CDE QAQC J1:L3 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 3 14:19 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\JUN27A\P0620-B2.D
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-B2.D\CONFIRM.D
Acq On : 28 Jun 96 05:26 AM
Sample : AQUEOUS METHOD BLANK
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Jun 28 13:32 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

	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}	13.45	0.00	50	0	0.002	N.D. #
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1254			50	0	0.002	N.D.
Average	Aroclor-1254					0.002	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}	21.79	28.14f	3435	13	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

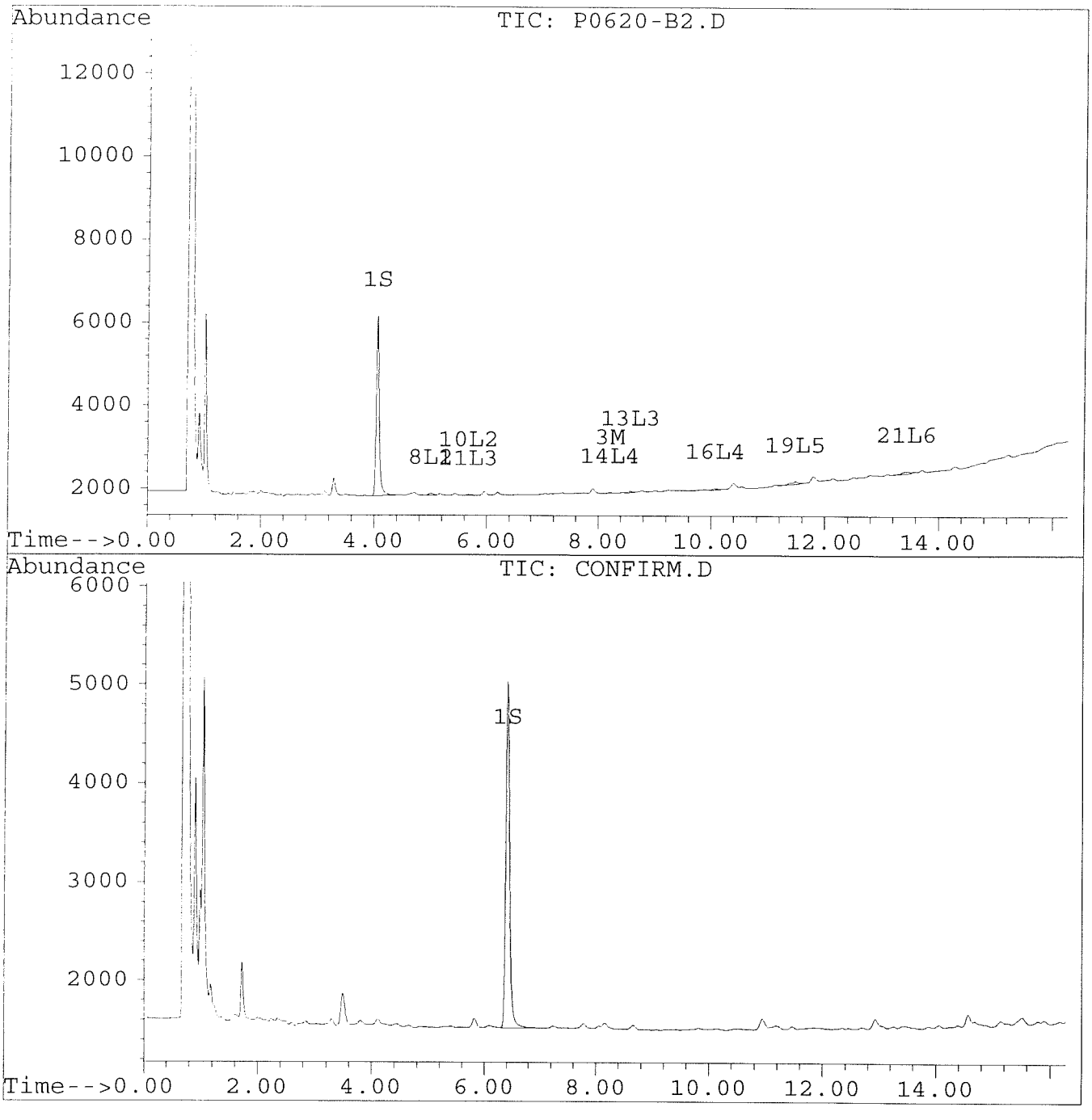
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\P0620-B2.D Vial: 21
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-B2.D\CONFIRM.D
Acq On : 28 Jun 96 05:26 AM Operator: JS
Sample : AQUEOUS METHOD BLANK Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:32 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

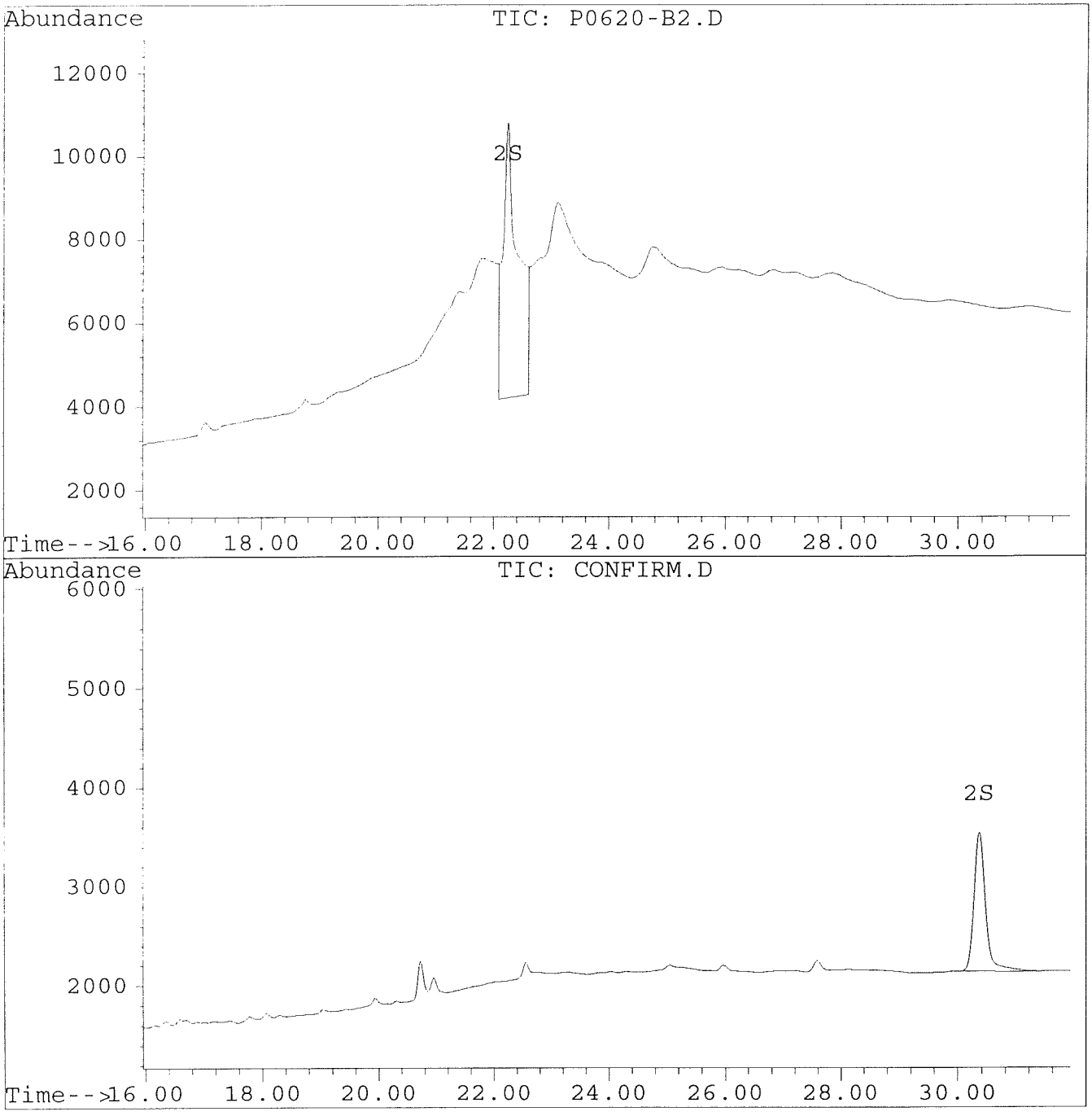


Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\P0620-B2.D Vial: 21
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-B2.D\CONFIRM.D
Acq On : 28 Jun 96 05:26 AM Operator: JS
Sample : AQUEOUS METHOD BLANK Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:32 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\JUN27A\P0620-L2.D Vial: 22
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-L2.D\CONFIRM.D
Acq On : 28 Jun 96 06:02 AM Operator: JS
Sample : AQUEOUS LAB CONTROL SAMPLE Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:34 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	4.05	6.41	4408	3536	0.019	0.019 95%
				Recovery	=	47.50%	47.50%
2) S	Decachlorobiphenyl	22.23	30.36	6211	1267	0.031	0.016 #
				Recovery	=	77.50%	40.00% 80%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.65	20128	19489	0.198	0.192 96%
4) M	2,2',3,3',4,4'-Hexa	16.96	21.55	23748	26173	0.257	0.195 98%
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	5.04	0.00	50	0	0.010	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	17	0	0.001	N.D. #
	Total Aroclor-1221			66	0	0.011	N.D.
	Average Aroclor-1221					0.006	0.000
11) L3	Aroclor-1232	5.68	0.00	17	0	0.001	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			17	0	0.001	N.D.
	Average Aroclor-1232					0.001	0.000
14) L4	Aroclor-1242	8.22	11.65	20128	19489	0.536	0.668
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4	Aroclor-1242 {3}	10.08	0.00	25	0	0.002	N.D. #
	Total Aroclor-1242			20154	19489	0.538	0.668
	Average Aroclor-1242					0.269	0.668
17) L5	Aroclor-1248	9.43	0.00	14	0	0.001	N.D. #
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	11.48	0.00	55	0	0.003	N.D. #
	Total Aroclor-1248			69	0	0.003	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\JUN27A\P0620-L2.D Vial: 22
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-L2.D\CONFIRM.D
Acq On : 28 Jun 96 06:02 AM Operator: JS
Sample : AQUEOUS LAB CONTROL SAMPLE Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:34 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	12.03f	0.00	23	0	0.001	N.D. #
21) L6	Aroclor-1254 {2}	13.45	0.00	51	0	0.002	N.D. #
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1254			74	0	0.002	N.D.
Average	Aroclor-1254					0.001	0.000
23) L7	Aroclor-1260	13.93	0.00	72	0	0.003	N.D. #
24) L7	Aroclor-1260 {2}	14.76f	0.00	36	0	0.001	N.D. #
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			108	0	0.004	N.D.
Average	Aroclor-1260					0.002	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	21.81	0.00	3379	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

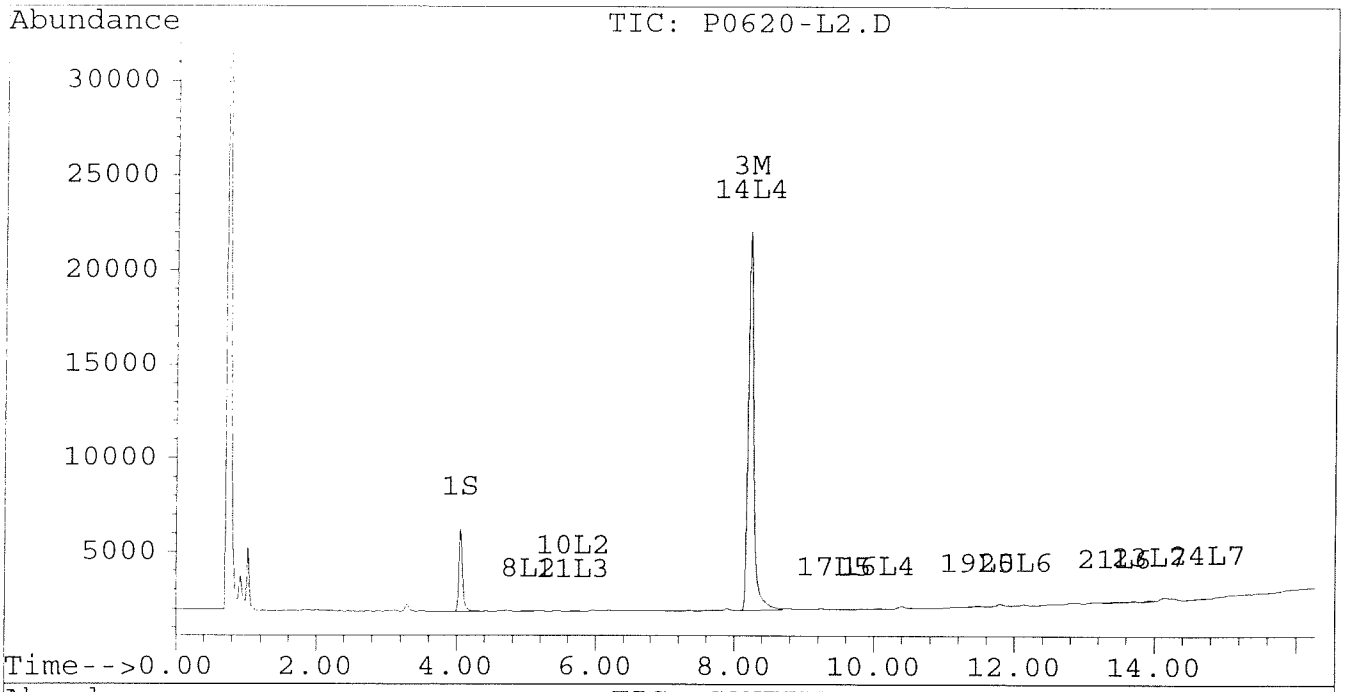
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

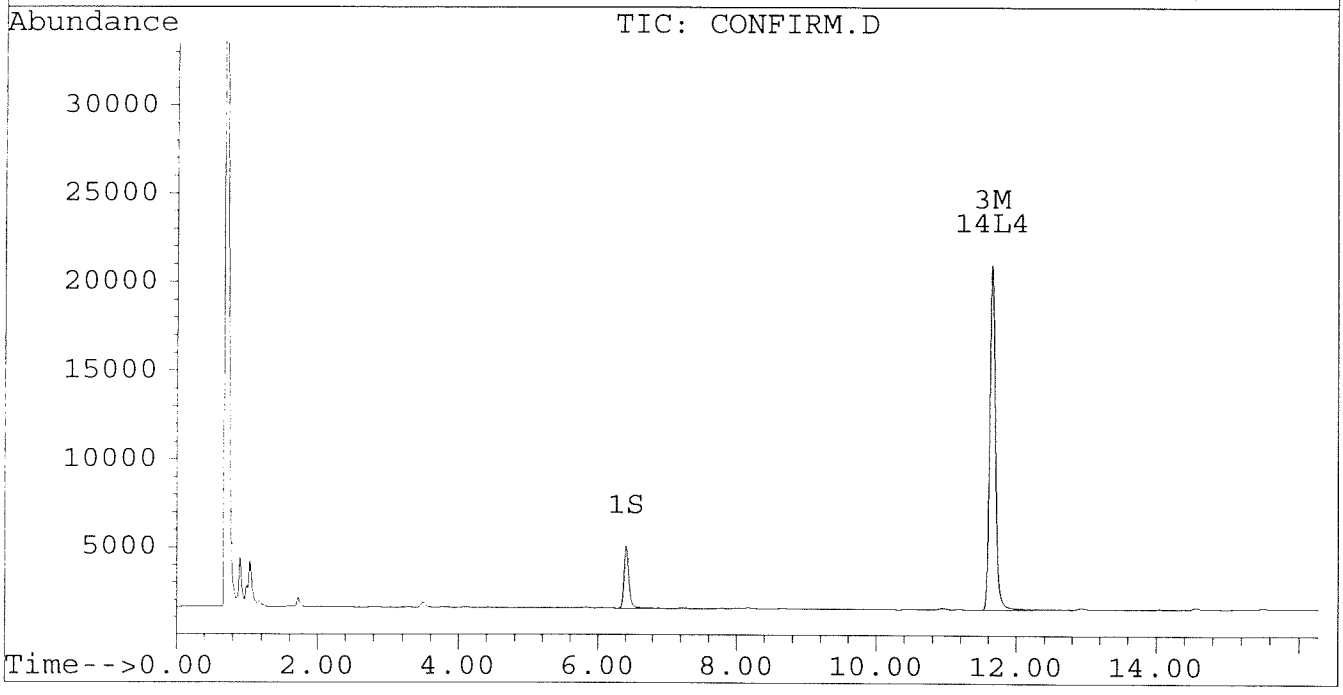
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\P0620-L2.D Vial: 22
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-L2.D\CONFIRM.D
Acq On : 28 Jun 96 06:02 AM Operator: JS
Sample : AQUEOUS LAB CONTROL SAMPLE Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:34 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





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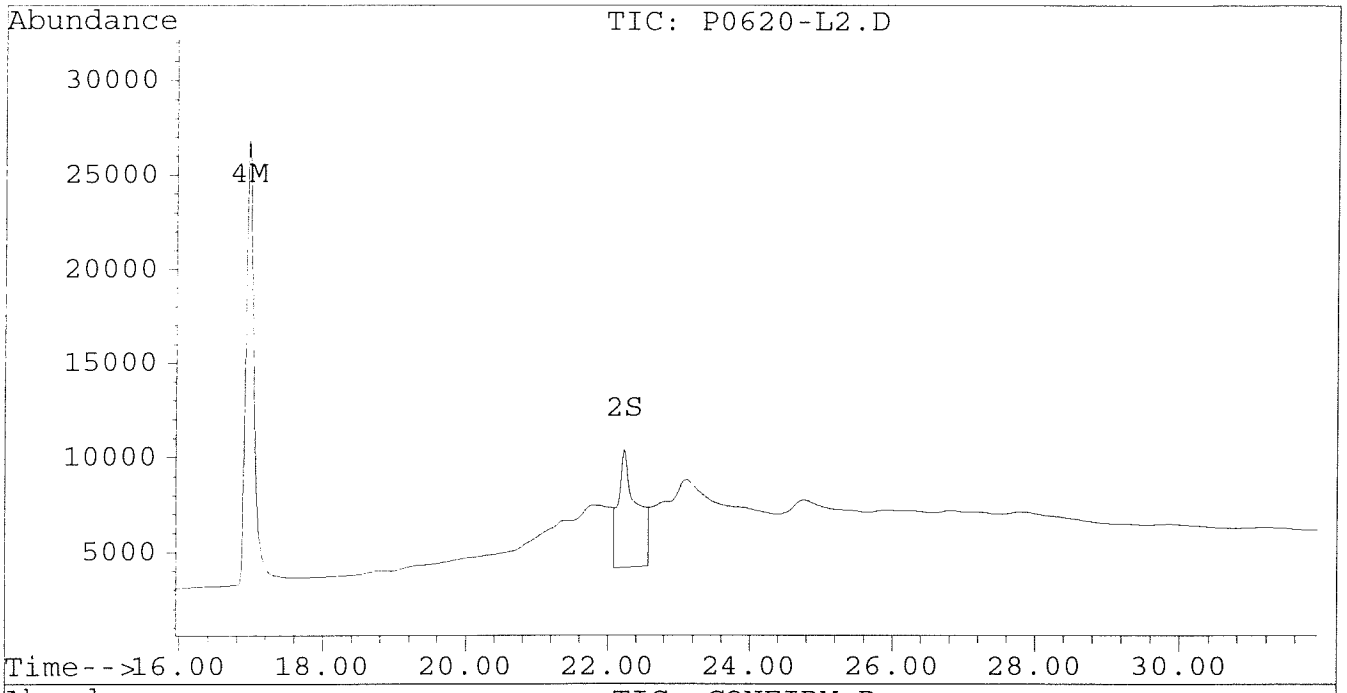
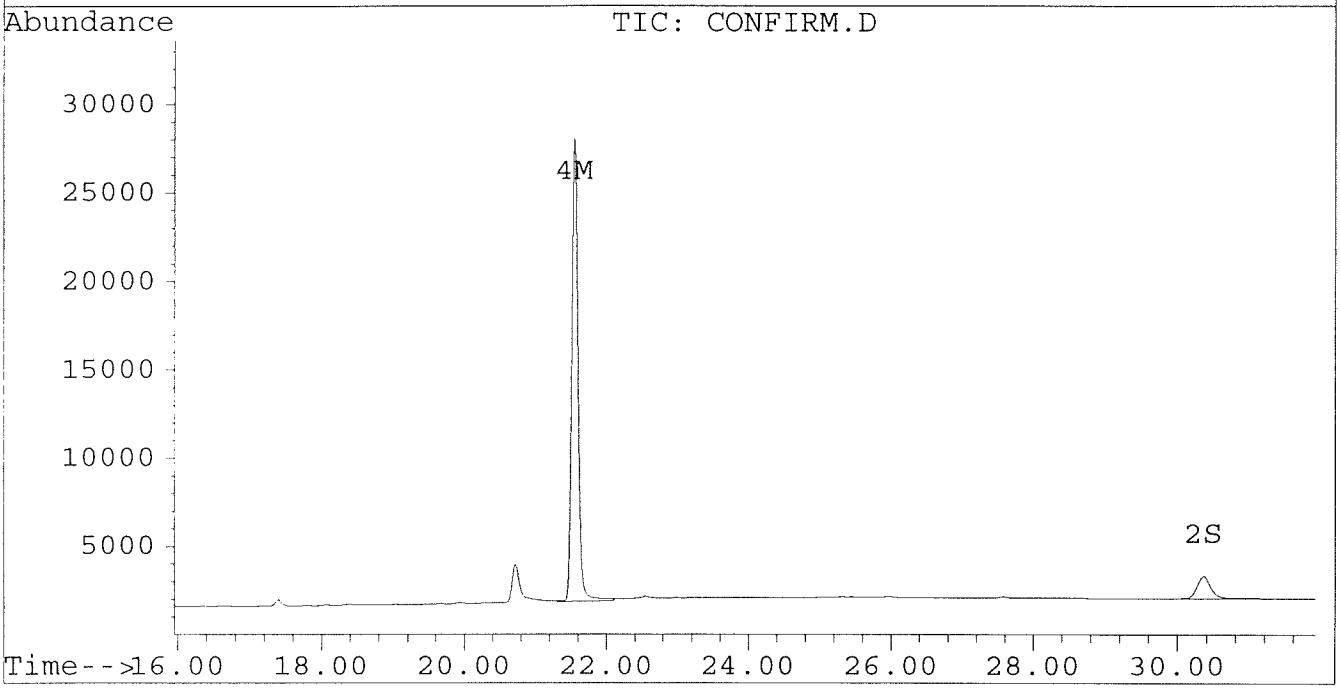
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\P0620-L2.D Vial: 22
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-L2.D\CONFIRM.D
Acq On : 28 Jun 96 06:02 AM Operator: JS
Sample : AQUEOUS LAB CONTROL SAMPLE Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:34 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





082

Solvent Track:

GPC Batch Number:
Florisil Lot Number:

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

Date: 06-20-96 | Analysis: PCB | Sample Matrix: AQ | Project #: CO560

Blank ID: P0620-B2 | Method: Sep. Funnel | Analyst: JSO | 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
P0620-B2		1L	1 mL PW960627A							
-LCS2		1L		1 mL PW960617A			6-21-96	10 mL Hexane	6-21-96	
PCO560-35		1L								
-36		1L								
-37		1L								
-38		1L								
-39		1L								
-40		1L								
-41		1L								
-42		1L								
-43		1L								

JSO 6-20-96

JSO 6-20-96

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Page 1 of 1

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Orgprep4
12/12/95

Sample (Soil) Chromatograms

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-01.D Vial: 20
Signal #2 : D:\HPCHEM\5\JUN27A\C560-01.D\CONFIRM.D
Acq On : 28 Jun 96 04:51 AM Operator: JS
Sample : VHB/ BW09 PRIMARY Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:28 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	9519	7607	0.042	0.041
				Recovery	=	105.00%	102.50%
2) S	Decachlorobiphenyl	22.23	30.36	10883	2783	0.054	0.034 #
				Recovery	=	135.00%	85.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.64	805	502	0.008	0.005 #
4) M	2,2',3,3',4,4'-Hexa	16.98	0.00	2012	0	0.022	N.D. #
5) L1	Aroclor-1016	6.80	0.00	133	0	0.004	N.D. #
6) L1	Aroclor-1016 {2}	8.93	10.30	179	118	0.012	0.004 #
7) L1	Aroclor-1016 {3}	9.32	12.20	528	114	0.022	0.007 #
	Total Aroclor-1016			840	232	0.038	0.011
	Average Aroclor-1016					0.013	0.006
8) L2	Aroclor-1221	5.02f	0.00	91	0	0.019	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	166	0	0.012	N.D. #
	Total Aroclor-1221			256	0	0.031	N.D.
	Average Aroclor-1221					0.015	0.000
11) L3	Aroclor-1232	5.69	0.00	166	0	0.014	N.D. #
12) L3	Aroclor-1232 {2}	6.80	10.30	133	118	0.015	0.016
13) L3	Aroclor-1232 {3}	8.60	12.20	98	114	0.019	0.027 #
	Total Aroclor-1232			396	232	0.048	0.042
	Average Aroclor-1232					0.016	0.021
14) L4	Aroclor-1242	8.22	11.64	805	502	0.021	0.017
15) L4	Aroclor-1242 {2}	8.93	12.20	179	114	0.016	0.009 #
16) L4	Aroclor-1242 {3}	10.08	13.99	414	356	0.028	0.029
	Total Aroclor-1242			1397	972	0.066	0.055
	Average Aroclor-1242					0.022	0.018
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\C560-01.D Vial: 20
Signal #2 : D:\HPCHEM\5\JUN27A\C560-01.D\CONFIRM.D
Acq On : 28 Jun 96 04:51 AM Operator: JS
Sample : VHB/ BW09 PRIMARY Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:28 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	302	247	0.011	0.010
21) L6 Aroclor-1254 {2}	13.43	15.69	425	280	0.013	0.010
22) L6 Aroclor-1254 {3}	15.84	17.55	674	658	0.029	0.018 #
Total Aroclor-1254			1400	1184	0.053	0.037
Average Aroclor-1254					0.018	0.012
23) L7 Aroclor-1260	13.93	18.18	214	520	0.007	0.017 #
24) L7 Aroclor-1260 {2}	14.72	0.00	247	0	0.008	N.D. #
25) L7 Aroclor-1260 {3}	17.95	21.91	2369	465	0.062	0.010 #
Total Aroclor-1260			2829	985	0.078	0.027
Average Aroclor-1260					0.026	0.014
26) L8 Aroclor-1268	0.00	23.30	0	932	N.D.	NoCal
27) L8 Aroclor-1268 {2}	18.99	0.00	1083	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.77f	0.00	4400	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.

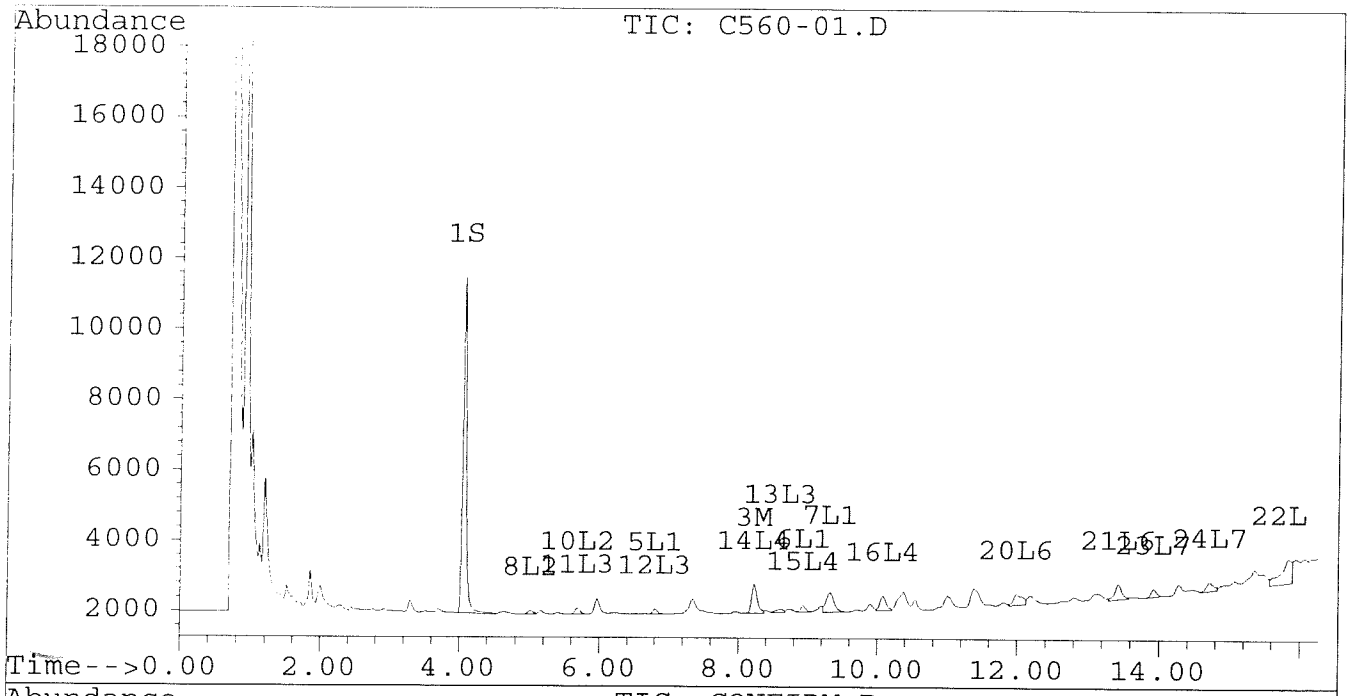
Quantitation Report

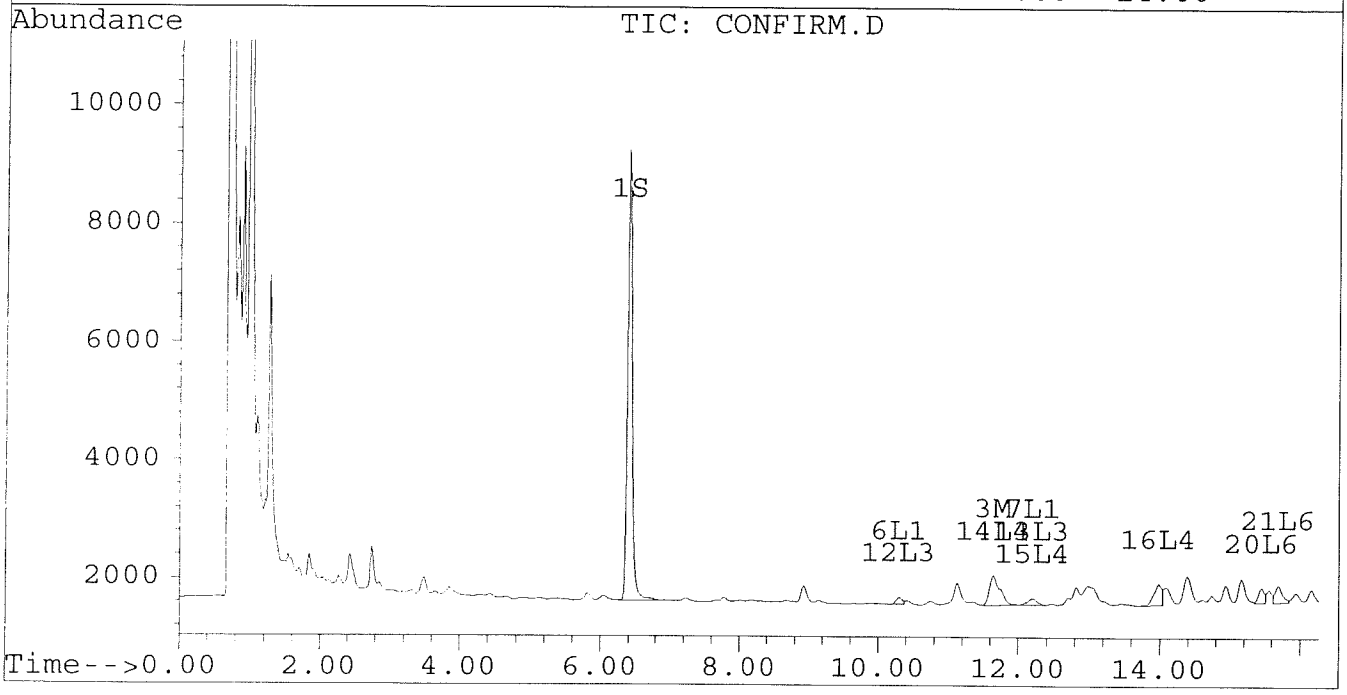
Signal #1 : D:\HPCHEM\5\JUN27A\C560-01.D
Signal #2 : D:\HPCHEM\5\JUN27A\C560-01.D\CONFIRM.D
Acq On : 28 Jun 96 04:51 AM
Sample : VHB/ BW09 PRIMARY
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Jun 28 13:28 1996

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

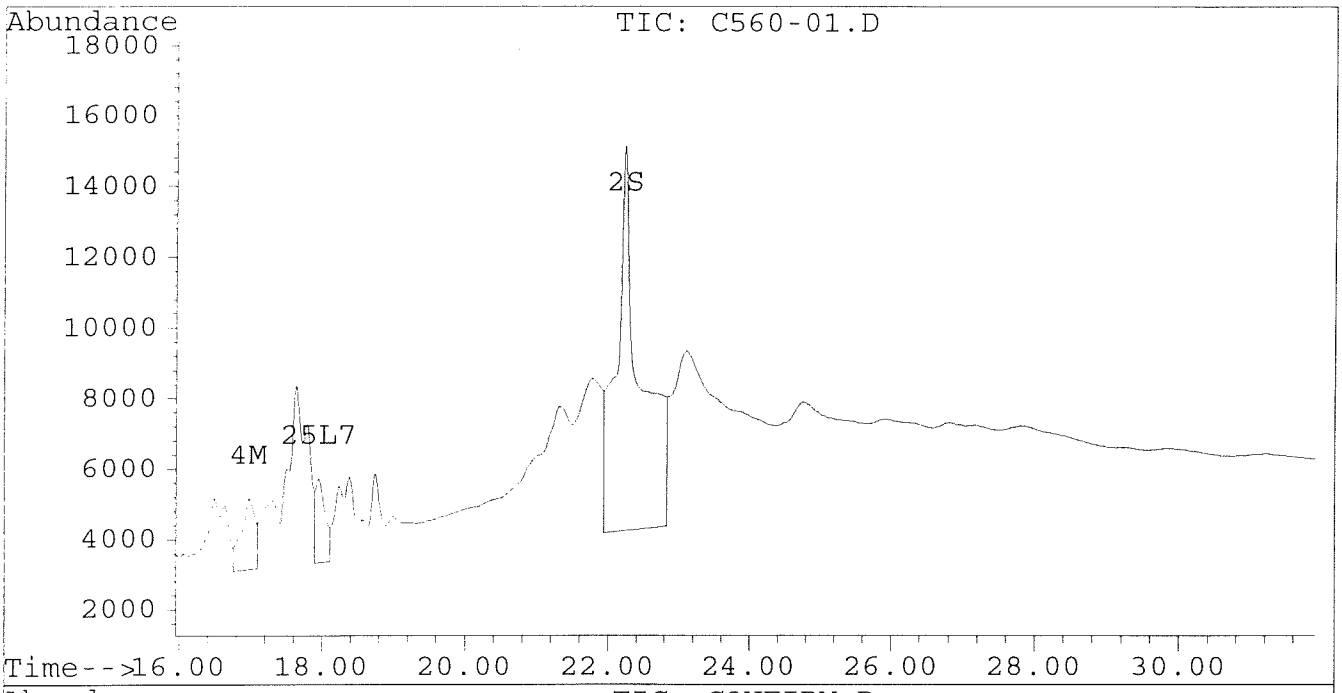


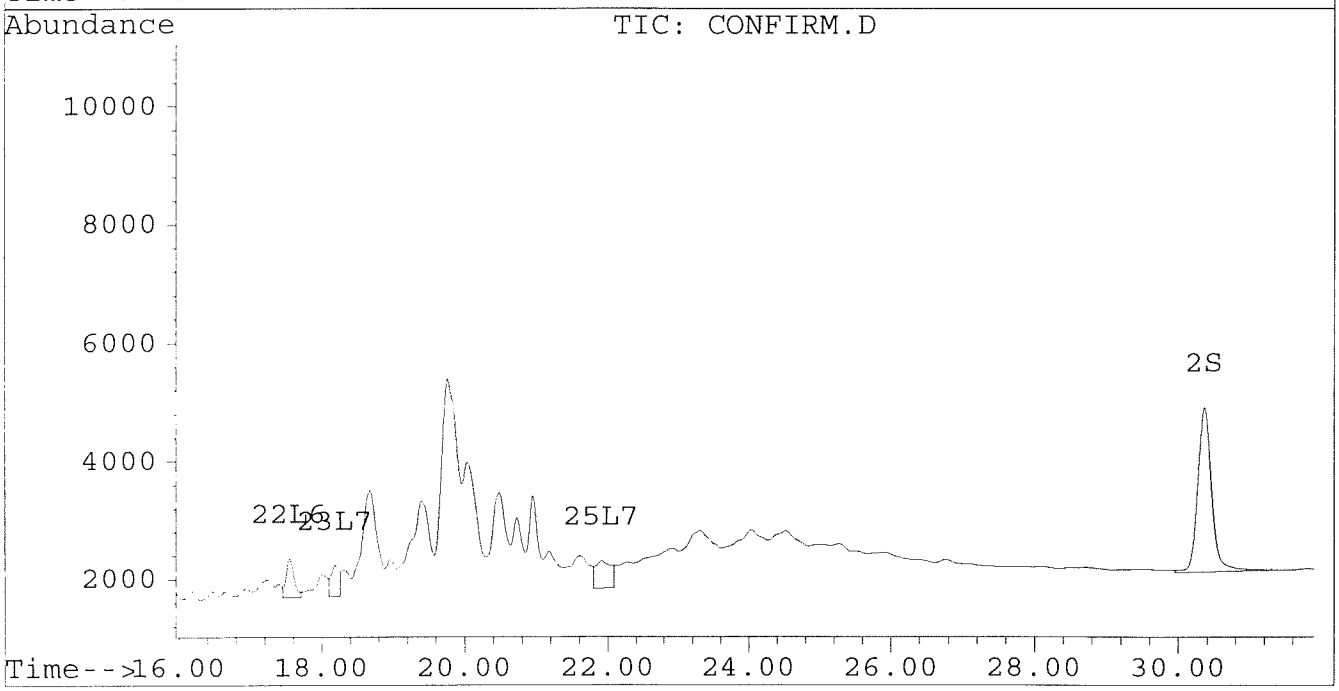


Signal #1 : D:\HPCHEM\5\JUN27A\C560-01.D Vial: 20
Signal #2 : D:\HPCHEM\5\JUN27A\C560-01.D\CONFIRM.D
Acq On : 28 Jun 96 04:51 AM Operator: JS
Sample : VHB/ BW09 PRIMARY Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 13:28 1996

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





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Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-04.D Vial: 45
Signal #2 : D:\HPCHEM\5\JUN27A\C560-04.D\CONFIRM.D
Acq On : 28 Jun 96 08:16 PM Operator: JS
Sample : VHB / BX07 DUPLICATE 1:3 DILUTION Inst : ECD1
Misc : 30.4G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jun 28 20:50 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	4.05	6.41	2887	2347	0.013	0.013	98?
				Recovery	=	32.50%	32.50%	
2) S	Decachlorobiphenyl	22.22	30.36	4963	1137	0.024	0.014	#
				Recovery	=	60.00%	35.00%	10
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.64	37860	26563	0.372	0.262	#
4) M	2,2',3,3',4,4'-Hexa	16.94	21.55	9841	7336	0.107	0.055	#
5) L1	Aroclor-1016	6.79	8.77	7466	1256	0.244	0.095	#
6) L1	Aroclor-1016 {2}	8.93	10.29	10721	6448	0.712	0.240	#
7) L1	Aroclor-1016 {3}	9.31	12.21	23395	4688	0.955	0.282	#
	Total Aroclor-1016			41581	12392	1.912	0.618	
	Average Aroclor-1016					0.637	0.206	
8) L2	Aroclor-1221	5.08	7.99	149	537	0.031	0.128	#
9) L2	Aroclor-1221 {2}	5.50	8.54	297	489	0.073	0.145	#
10) L2	Aroclor-1221 {3}	5.67	8.77	2340	1256	0.169	0.122	#
	Total Aroclor-1221			2786	2281	0.273	0.396	
	Average Aroclor-1221					0.091	0.132	
11) L3	Aroclor-1232	5.67	8.77	2340	1256	0.195	0.138	#
12) L3	Aroclor-1232 {2}	6.79	10.29	7466	6448	0.856	0.861	
13) L3	Aroclor-1232 {3}	8.60	12.21	5316	4688	1.012	1.093	
	Total Aroclor-1232			15121	12392	2.063	2.093	
	Average Aroclor-1232					0.688	0.698	
14) L4	Aroclor-1242	8.21	11.64	37860	26563	1.008	0.910	
15) L4	Aroclor-1242 {2}	8.93	12.21	10721	4688	0.968	0.373	#
16) L4	Aroclor-1242 {3}	10.07	13.98	20076	15653	1.371	1.254	
	Total Aroclor-1242			68656	46905	3.347	2.537	
	Average Aroclor-1242					1.116	0.846	
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\C560-04.D Vial: 45
Signal #2 : D:\HPCHEM\5\JUN27A\C560-04.D\CONFIRM.D
Acq On : 28 Jun 96 08:16 PM Operator: JS
Sample : VHB / BX07 DUPLICATE 1:3 DILUTION Inst : ECD1
Misc : 30.4G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jun 28 20:50 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	15.44	22137	18662	0.828	0.725
21) L6 Aroclor-1254 {2}	13.42	15.68	34526	21125	1.044	0.761 #
22) L6 Aroclor-1254 {3}	15.82	17.54	29596	33252	1.279	0.890 #
Total Aroclor-1254			86259	73040	3.151	2.375
Average Aroclor-1254					1.050	0.792
23) L7 Aroclor-1260	13.92	18.17	16838	12744	0.588	0.425 #
24) L7 Aroclor-1260 {2}	14.70	18.49	16369	14996	0.533	0.455
25) L7 Aroclor-1260 {3}	17.92	21.91	6138	5593	0.161	0.120 #
Total Aroclor-1260			39345	33333	1.283	1.000
Average Aroclor-1260					0.428	0.333
26) L8 Aroclor-1268	18.85	0.00	838	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	4267	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.81	28.12	2135	236	NoCal	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR 1242

0.910
0.373

$\frac{1.283 \text{ µg/mL} \times 10 \text{ mL}}{30.4 \text{ g} \times .96 \times 0.666} = 0.660 \text{ DF} = 0.640 \times 3 = 1.980 \text{ µg/g}$

1900 µg/kg
2000

AR 1254

0.761
0.890

$\frac{1.651 \text{ µg/mL} \times 10 \text{ mL}}{30.4 \text{ g} \times .96 \times 0.666} = 0.849 = 0.823 \times 3 = 2.548 = 2.471$

2500 µg/kg

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

(09)

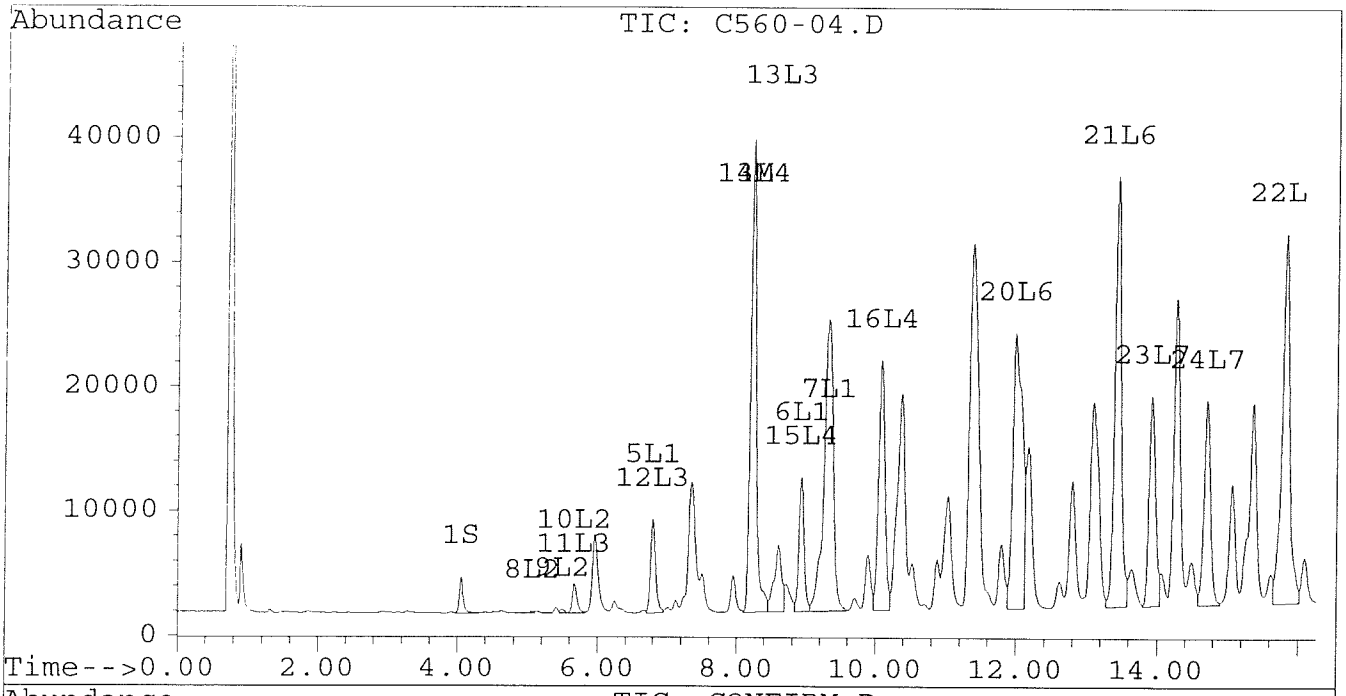
Quantitation Report

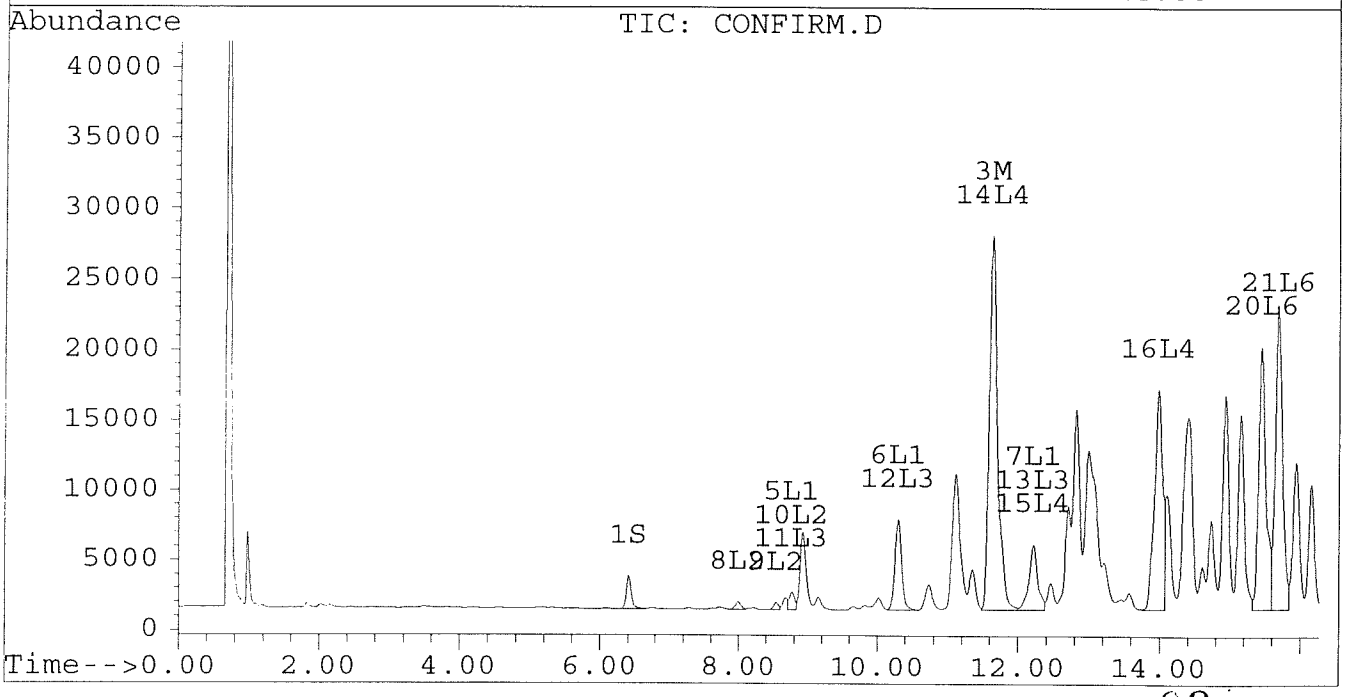
Signal #1 : D:\HPCHEM\5\JUN27A\C560-04.D
Signal #2 : D:\HPCHEM\5\JUN27A\C560-04.D\CONFIRM.D
Acq On : 28 Jun 96 08:16 PM
Sample : VHB / BX07 DUPLICATE 1:3 DILUTION
Misc : 30.4G/10ML PCB ANALYSIS 1:3 DILUTION
Quant Time: Jun 28 20:50 1996

Vial: 45
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



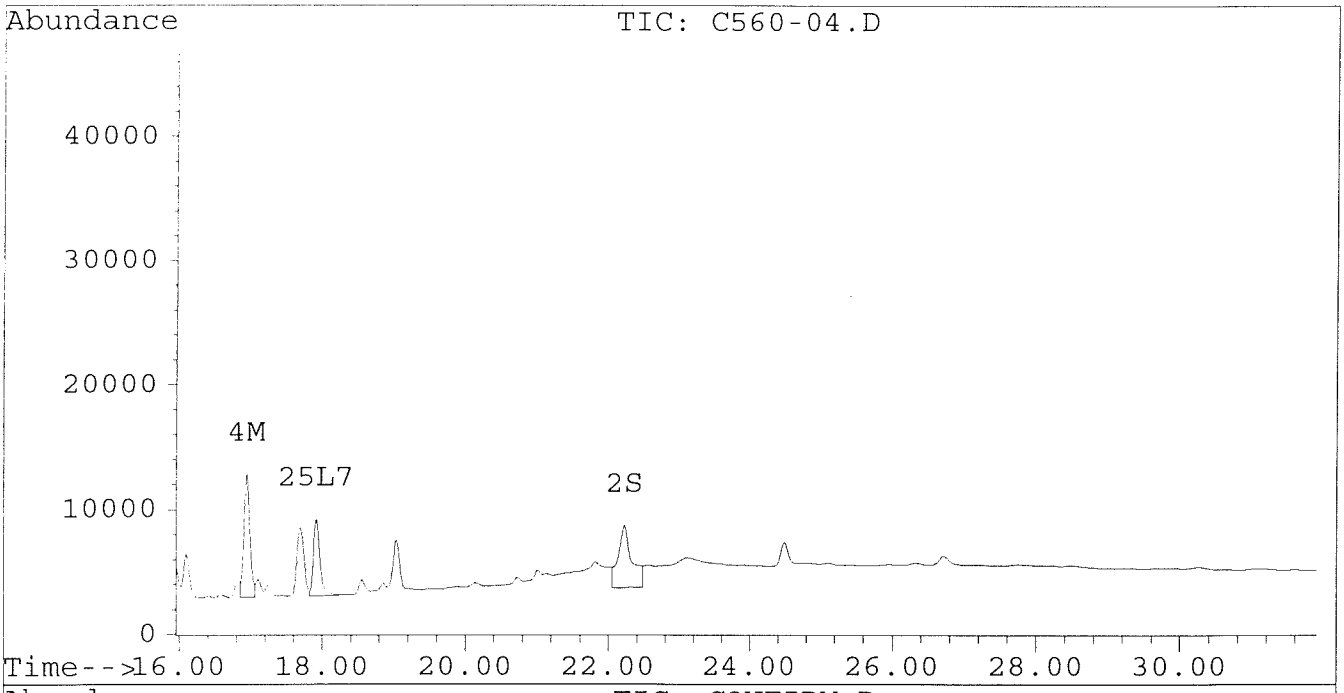


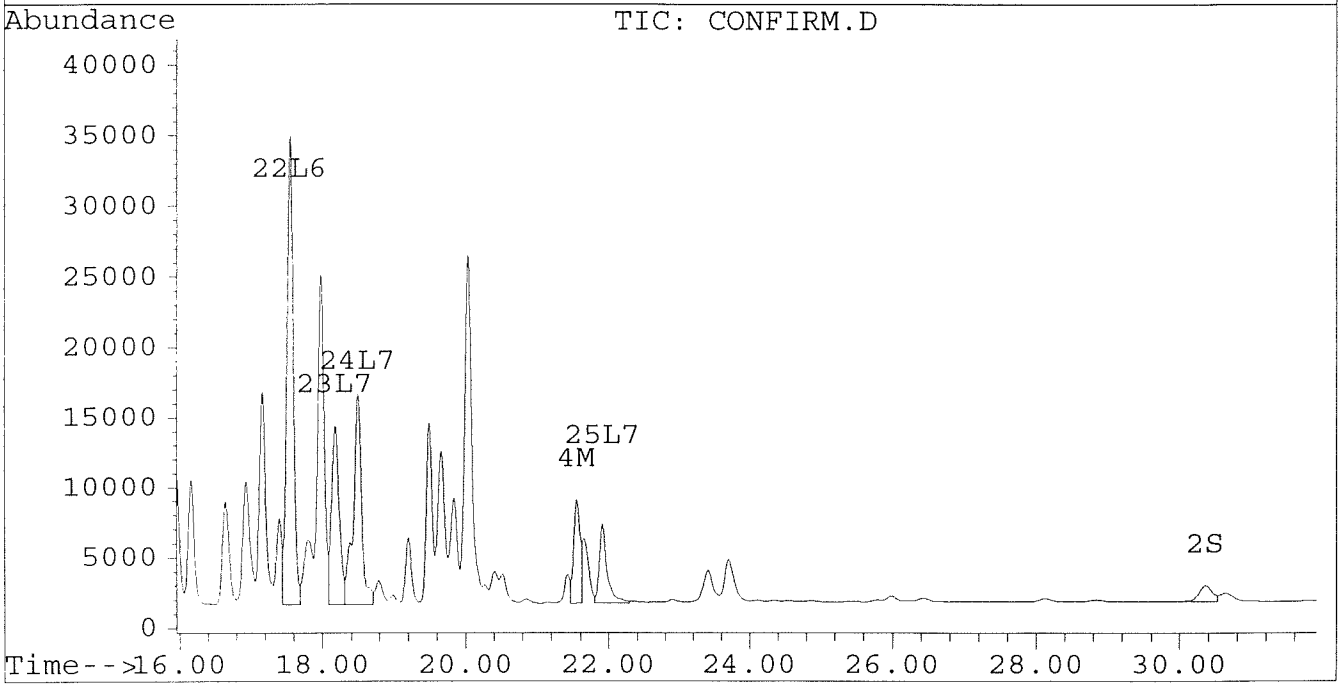
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-04.D Vial: 45
Signal #2 : D:\HPCHEM\5\JUN27A\C560-04.D\CONFIRM.D
Acq On : 28 Jun 96 08:16 PM Operator: JS
Sample : VHB / BX07 DUPLICATE 1:3 DILUTION Inst : ECD1
Misc : 30.4G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jun 28 20:50 1996

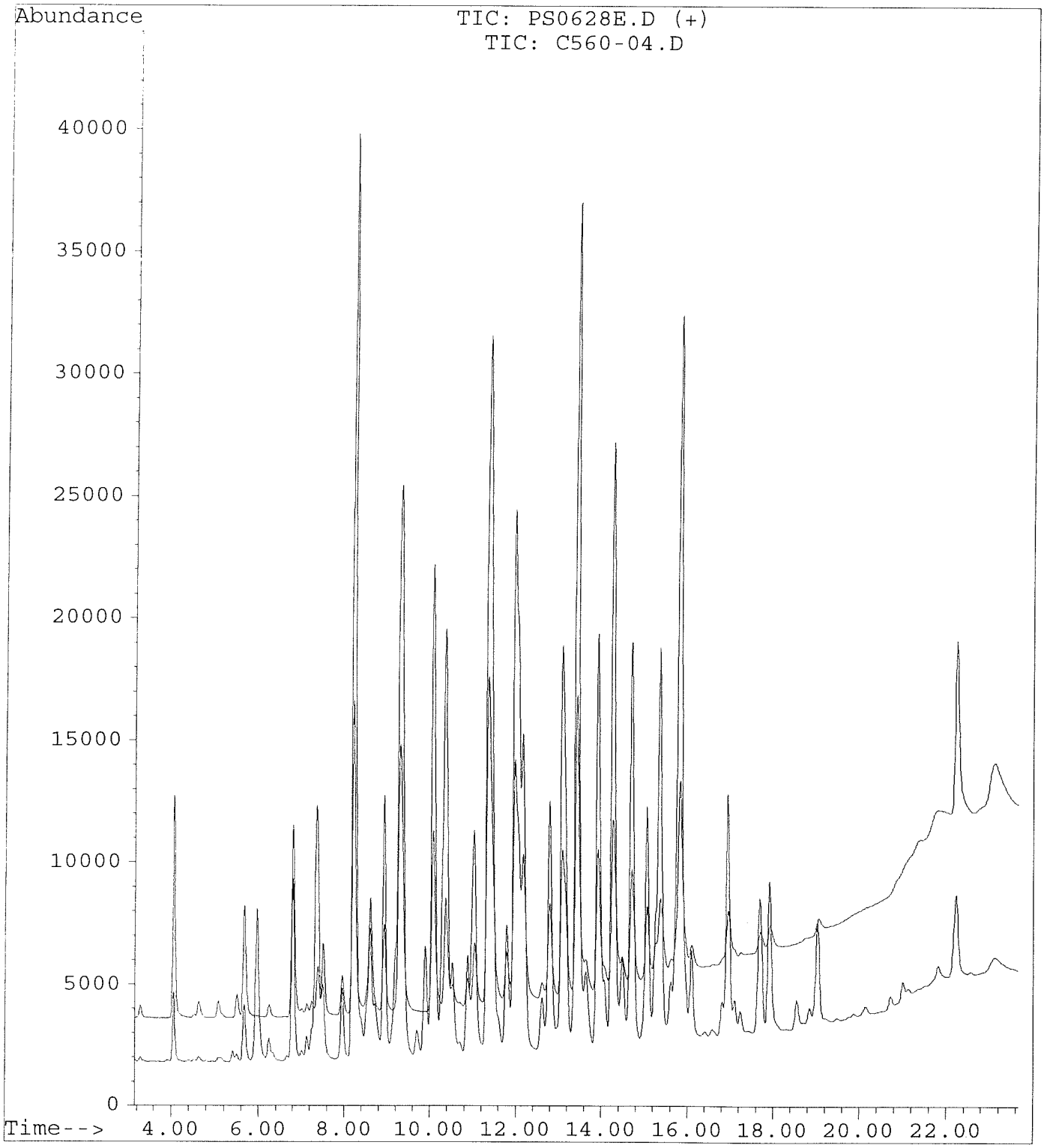
Method : C:\HPCHEM\5\METHODS\PCB1E.M
Title : PCB 5 LEVEL
Last Update : Fri Jun 28 13:24:25 1996
Response via : Multiple Level Calibration

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





File : D:\HPCHEM\5\JUN27A\C560-04.D
Operator : JS
Acquired : 28 Jun 96 08:16 PM using AcqMethod PCB1E.MTH
Instrument : ECD1
Sample Name: VHB / BX07 DUPLICATE 1:3 DILUTION
Misc Info : 30.4G/10ML PCB ANALYSIS 1:3 DILUTION
Vial Number: 45



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C540-07A.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL02\C540-07A.D\CONFIRM.D
Acq On : 02 Jul 96 11:22 AM Operator: JS
Sample : VHB/ PD01:F3 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML 1:10 DILUTION RERUN Multiplr: 1.00
Quant Time: Jul 2 11:56 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	797	963	0.004	0.005	#
					Recovery	=	10.00%	12.50%	
2)	S	Decachlorobiphenyl	0.00	30.38	0	343	N.D.	0.004	#
					Recovery	=	0.00%	10.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.21	11.63	50174	32614	0.493	0.322	#
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.55	4993	3238	0.054	0.024	#
5)	L1	Aroclor-1016	6.79	8.76	10128	2252	0.331	0.171	#
6)	L1	Aroclor-1016 {2}	8.92	10.29	13837	8579	0.919	0.320	#
7)	L1	Aroclor-1016 {3}	9.32	12.21	23870	7026	0.975	0.422	#
		Total Aroclor-1016			47835	17857	2.226	0.913	
		Average Aroclor-1016					0.742	0.304	
8)	L2	Aroclor-1221	5.08	7.99	292	405	0.060	0.097	#
9)	L2	Aroclor-1221 {2}	5.50	8.53	556	1552	0.137	0.461	#
10)	L2	Aroclor-1221 {3}	5.67	8.76	5462	2252	0.394	0.219	#
		Total Aroclor-1221			6311	4209	0.591	0.777	
		Average Aroclor-1221					0.197	0.259	
11)	L3	Aroclor-1232	5.67	8.76	5462	2252	0.455	0.248	#
12)	L3	Aroclor-1232 {2}	6.79	10.29	10128	8579	1.162	1.146	
13)	L3	Aroclor-1232 {3}	8.60	12.21	7238	7026	1.378	1.639	
		Total Aroclor-1232			22828	17857	2.994	3.033	
		Average Aroclor-1232					0.998	1.011	
14)	L4	Aroclor-1242	8.21	11.63	50174	32614	1.336	1.118	
15)	L4	Aroclor-1242 {2}	8.92	12.21	13837	7026	1.249	0.558	#
16)	L4	Aroclor-1242 {3}	10.07	13.98	21083	16705	1.440	1.338	
		Total Aroclor-1242			85094	56346	4.025	3.014	
		Average Aroclor-1242					1.342	1.005	
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\C540-07A.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL02\C540-07A.D\CONFIRM.D
Acq On : 02 Jul 96 11:22 AM Operator: JS
Sample : VHB/ PD01:F3 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML 1:10 DILUTION RERUN Multiplr: 1.00
Quant Time: Jul 2 11:56 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		11.98	15.45	13489	26614	0.505	1.033 #
21) L6	Aroclor-1254	{2}	13.42	15.68	20222	13153	0.611	0.474
22) L6	Aroclor-1254	{3}	15.81	17.54	14473	18606	0.625	0.498
Total	Aroclor-1254				48184	58372	1.741	2.005
Average	Aroclor-1254						0.580	0.668
23) L7	Aroclor-1260		13.92	18.17	9844	7240	0.344	0.241 #
24) L7	Aroclor-1260	{2}	14.70	18.49	8562	7587	0.279	0.230
25) L7	Aroclor-1260	{3}	17.91	21.91	3695	3107	0.097	0.067 #
Total	Aroclor-1260				22101	17935	0.720	0.538
Average	Aroclor-1260						0.240	0.179
26) L8	Aroclor-1268		18.85	0.00	977	0	NoCal	N.D.
27) L8	Aroclor-1268	{2}	19.03	0.00	2623	0	NoCal	N.D.
28) L8	Aroclor-1268	{3}	21.81	28.13	2175	282	NoCal	NoCal
Total	Aroclor-1268				0	0	N.D.	N.D.
Average	Aroclor-1268						0.000	0.000

AR1242
1.118
+0.558
1.676 µg/mL x 10mL
0.0300 dg x 0.666 x .91 = 921 x3 = 2765 µg/dg
2800

AR1254
0.474
0.498
0.972 µg/mL x 10mL
0.03 dg x 0.666 x .91 = 5346 x3 = 16038 µg/dg
9200
5300
1600
KC

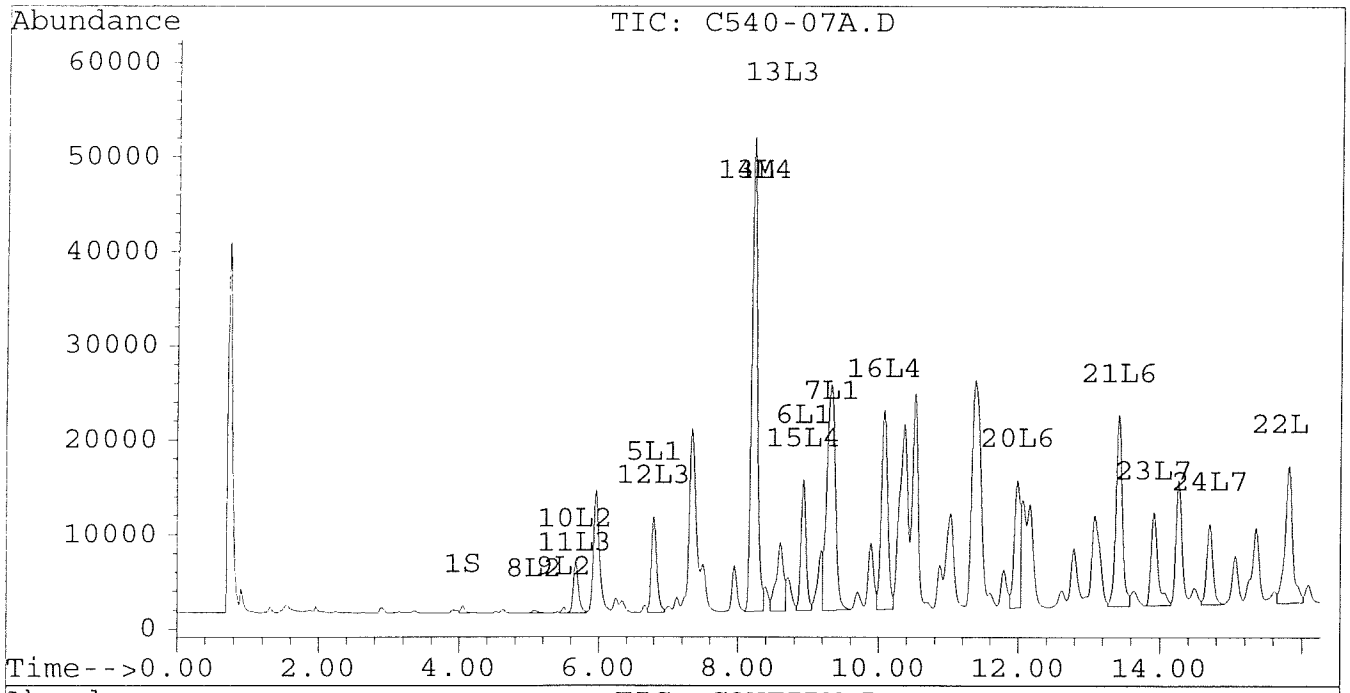
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual ~~int.~~

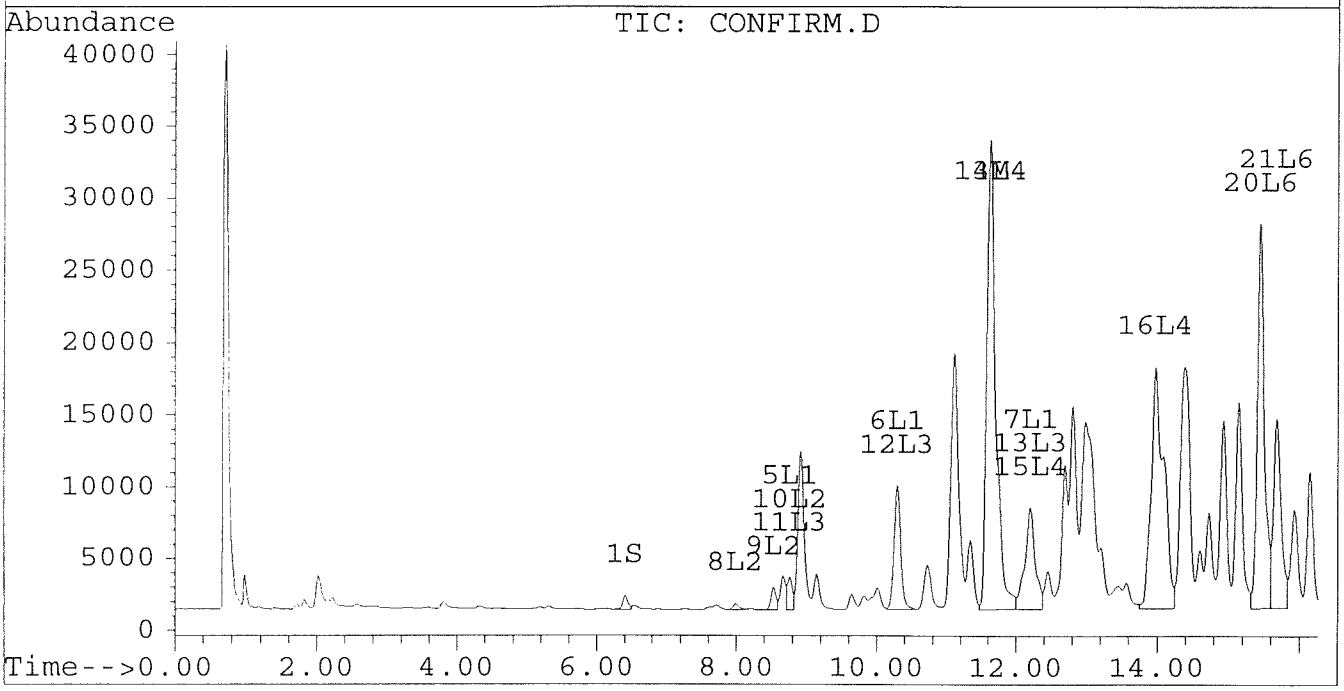
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C540-07A.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL02\C540-07A.D\CONFIRM.D
Acq On : 02 Jul 96 11:22 AM Operator: JS
Sample : VHB/ PD01:F3 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML 1:10 DILUTION RERUN Multiplr: 1.00
Quant Time: Jul 2 11:56 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



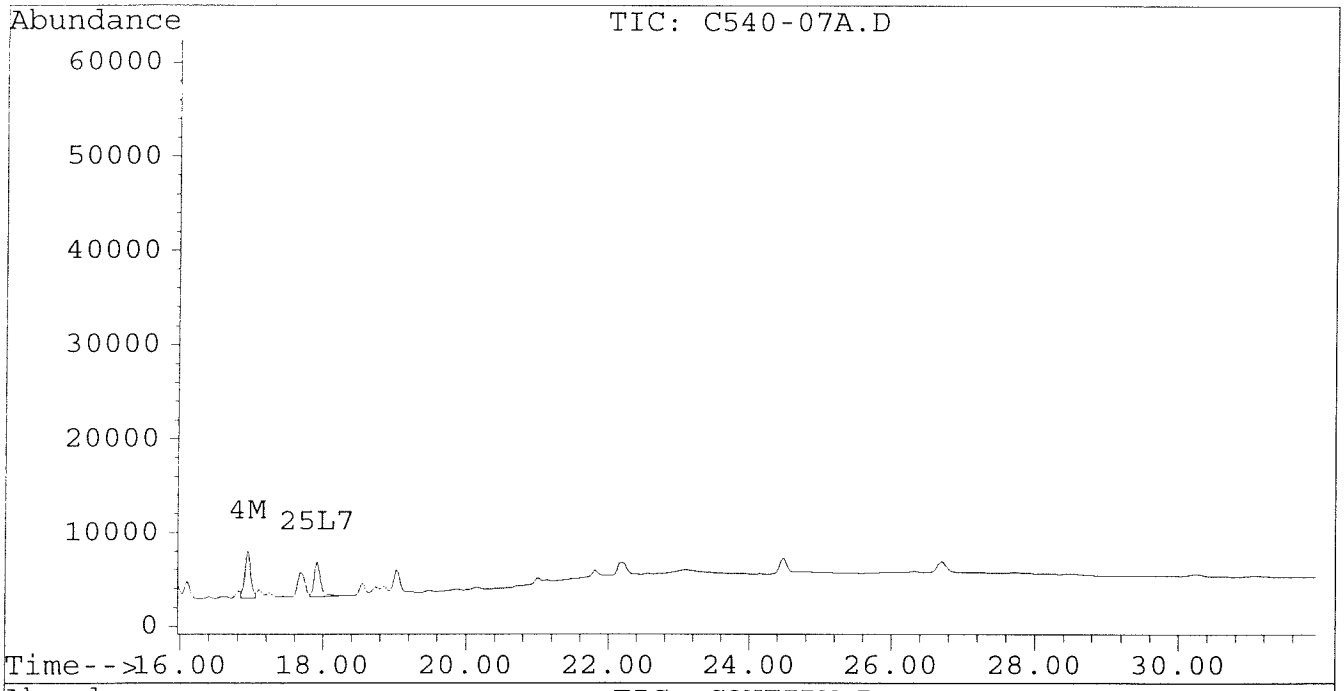


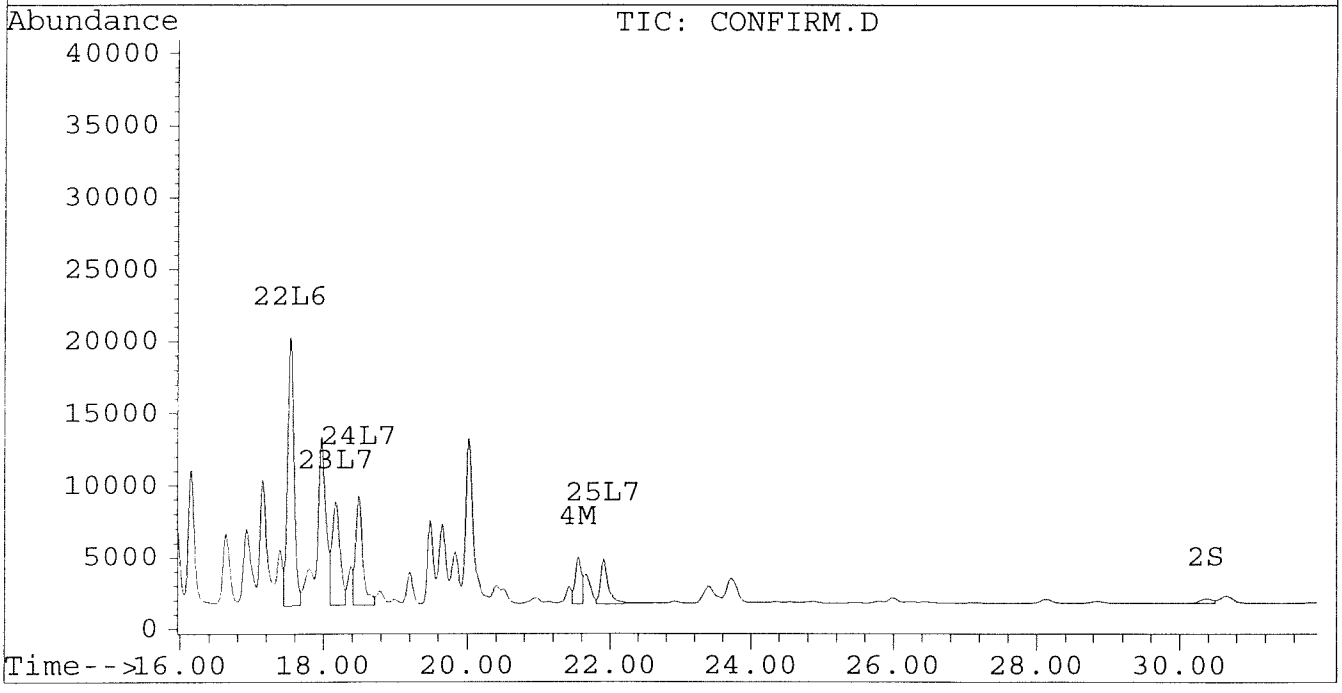
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\C540-07A.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL02\C540-07A.D\CONFIRM.D
Acq On : 02 Jul 96 11:22 AM Operator: JS
Sample : VHB/ PD01:F3 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML 1:10 DILUTION RERUN Multiplr: 1.00
Quant Time: Jul 2 11:56 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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-10.D Vial: 52
Signal #2 : D:\HPCHEM\5\JUN27A\C560-10.D\CONFIRM.D
Acq On : 29 Jun 96 00:25 AM Operator: JS
Sample : VHB / PG1:I3 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jun 29 0:58 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	656	666	0.003	0.004
					Recovery	=	7.50%	10.00% 10
2)	S	Decachlorobiphenyl	22.21	30.37	2577	350	0.013	0.004 #
					Recovery	=	32.50%	10.00% 10
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.64	43155	29935	0.424	0.295 #
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.55	5431	3751	0.059	0.028 #
5)	L1	Aroclor-1016	6.79	8.77	9205	1599	0.301	0.122 #
6)	L1	Aroclor-1016 {2}	8.93	10.29	12023	7832	0.799	0.292 #
7)	L1	Aroclor-1016 {3}	9.32	12.21	24109	5802	0.985	0.349 #
		Total Aroclor-1016			45337	15233	2.085	0.762
		Average Aroclor-1016					0.695	0.254
8)	L2	Aroclor-1221	5.08	7.99	183	413	0.038	0.098 #
9)	L2	Aroclor-1221 {2}	5.50	8.53	371	1430	0.091	0.425 #
10)	L2	Aroclor-1221 {3}	5.67	8.77	3941	1599	0.284	0.156 #
		Total Aroclor-1221			4495	3442	0.413	0.679
		Average Aroclor-1221					0.138	0.226
11)	L3	Aroclor-1232	5.67	8.77	3941	1599	0.328	0.176 #
12)	L3	Aroclor-1232 {2}	6.79	10.29	9205	7832	1.056	1.046
13)	L3	Aroclor-1232 {3}	8.60	12.21	6396	5802	1.218	1.353
		Total Aroclor-1232			19542	15233	2.602	2.576
		Average Aroclor-1232					0.867	0.859
14)	L4	Aroclor-1242	8.22	11.64	43155	29935	1.149	1.026
15)	L4	Aroclor-1242 {2}	8.93	12.21	12023	5802	1.085	0.461 #
16)	L4	Aroclor-1242 {3}	10.07	13.98	21175	16439	1.446	1.317
		Total Aroclor-1242			76354	52177	3.681	2.804
		Average Aroclor-1242					1.227	0.935
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.

09

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-10.D Vial: 52
Signal #2 : D:\HPCHEM\5\JUN27A\C560-10.D\CONFIRM.D
Acq On : 29 Jun 96 00:25 AM Operator: JS
Sample : VHB / PG1:I3 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jun 29 0:58 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	15.44	15447	14002	0.578	0.544
21) L6	Aroclor-1254	{2}	13.43	15.69	22895	14938	0.692	0.538
22) L6	Aroclor-1254	{3}	15.82	17.54	16631	21585	0.719	0.577
Total	Aroclor-1254				54973	50526	1.989	1.659
Average	Aroclor-1254						0.663	0.553
23) L7	Aroclor-1260		13.92	18.17	11114	7892	0.388	0.263 #
24) L7	Aroclor-1260	{2}	14.70	18.49	9532	8947	0.311	0.272
25) L7	Aroclor-1260	{3}	17.92	21.91	3784	3562	0.099	0.076
Total	Aroclor-1260				24430	20401	0.798	0.611
Average	Aroclor-1260						0.266	0.204
26) L8	Aroclor-1268		18.85	0.00	859	0	NoCal	N.D.
27) L8	Aroclor-1268	{2}	19.03	0.00	2675	0	NoCal	N.D.
28) L8	Aroclor-1268	{3}	21.81	28.12	1933	290	NoCal	NoCal
Total	Aroclor-1268				0	0	N.D.	N.D.
Average	Aroclor-1268						0.000	0.000

AR1242

1.026
+ 6.461
1.487 µg/mL × 10mL

0.0304 × .85 × 0.666 = 864 × 10 = 8640

AR1254
0.538
6.577
1.115 × 10

0.0304 × .85 × 0.666 = 6479 × 10 = 64790

8600

6500

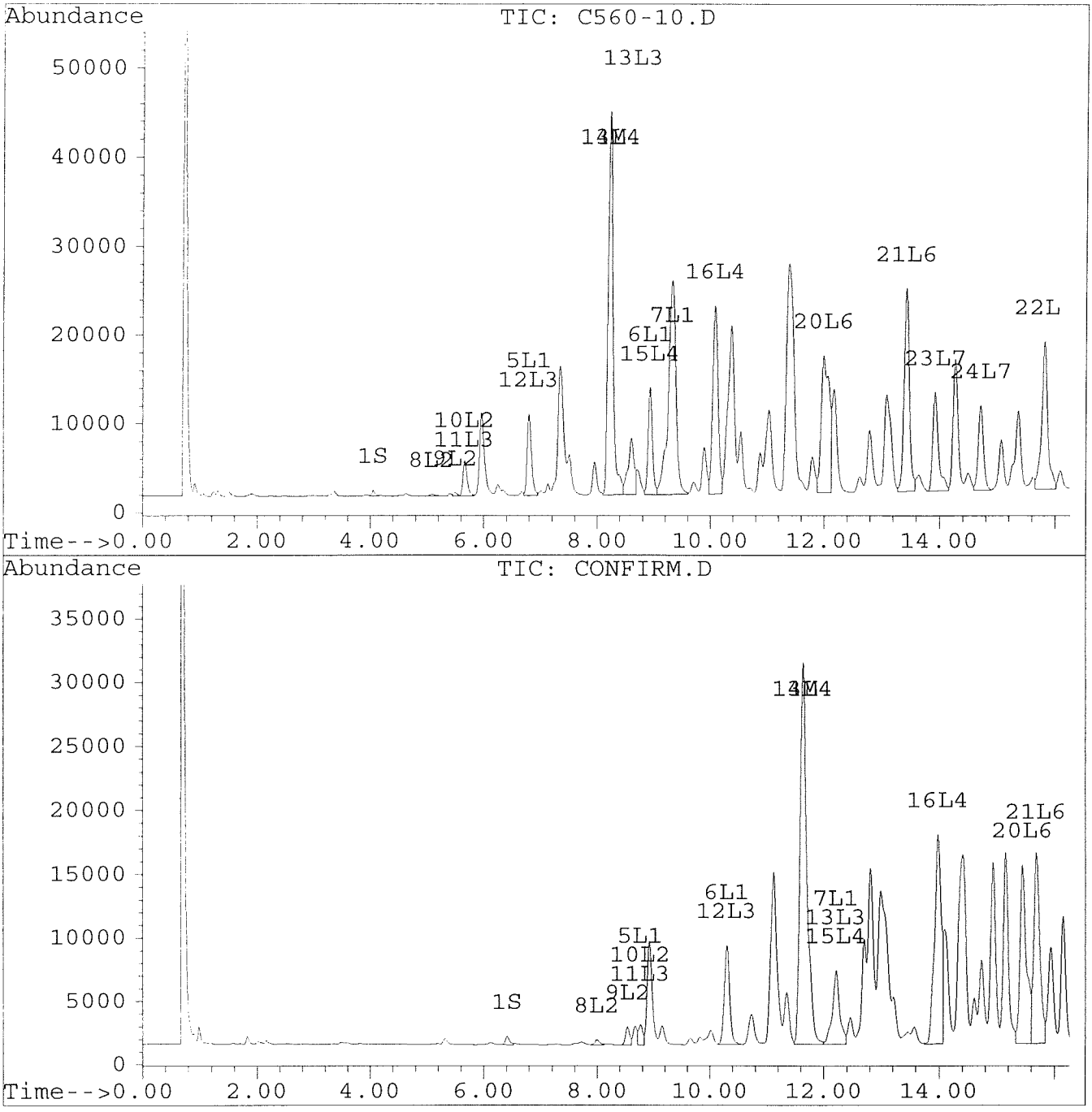
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-10.D Vial: 52
Signal #2 : D:\HPCHEM\5\JUN27A\C560-10.D\CONFIRM.D
Acq On : 29 Jun 96 00:25 AM Operator: JS
Sample : VHB / PG1:I3 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jun 29 0:58 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

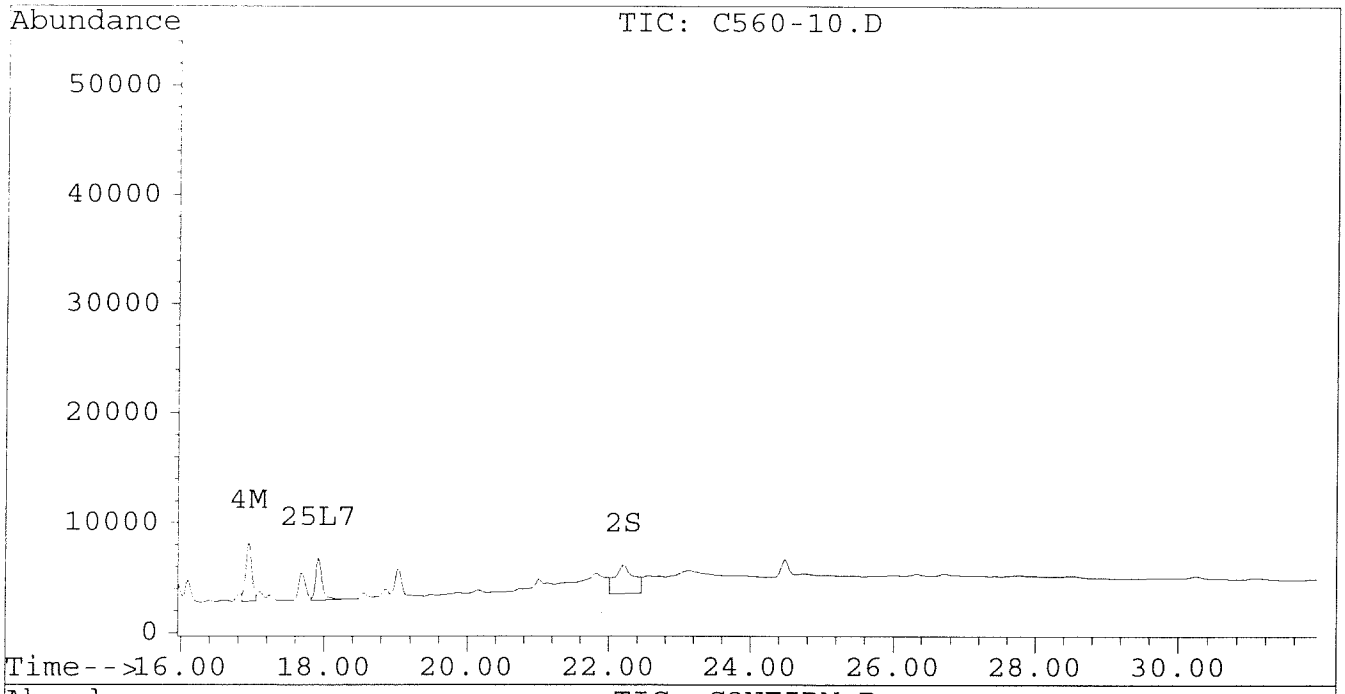


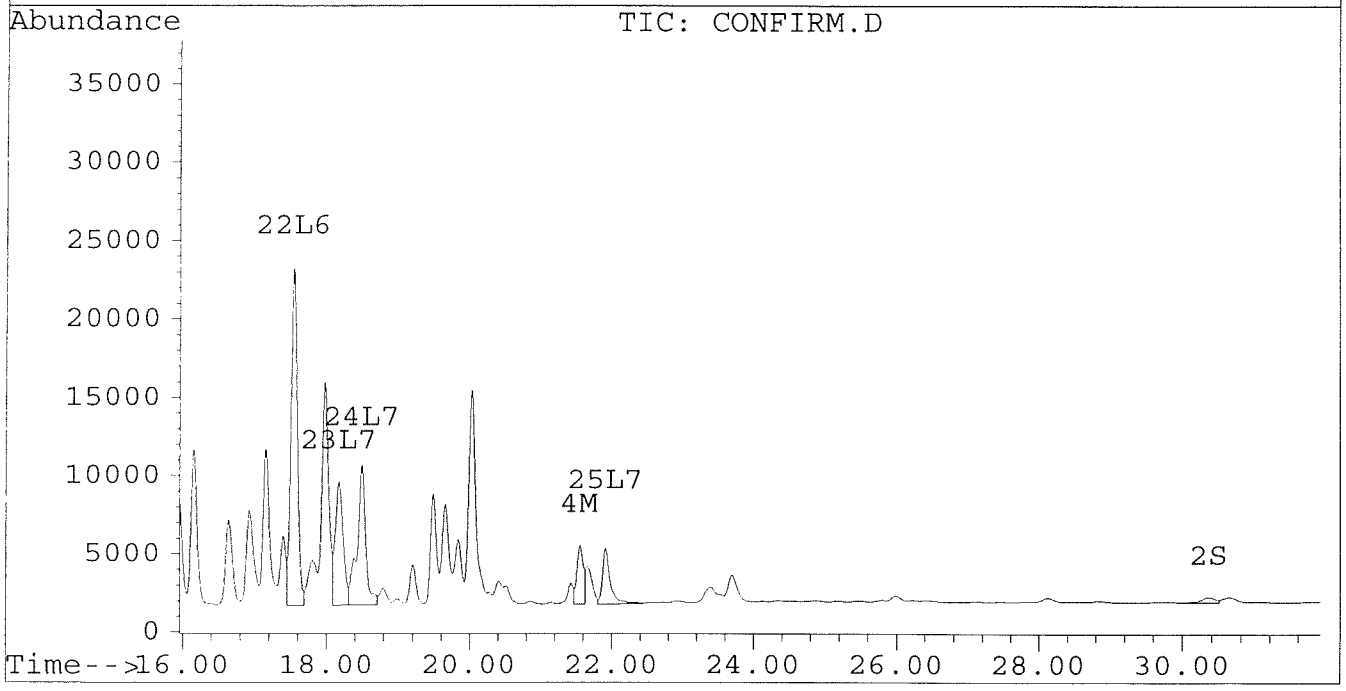
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-10.D Vial: 52
Signal #2 : D:\HPCHEM\5\JUN27A\C560-10.D\CONFIRM.D
Acq On : 29 Jun 96 00:25 AM Operator: JS
Sample : VHB / PG1:I3 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jun 29 0:58 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\JUN27A\C560-11.D Vial: 53
Signal #2 : D:\HPCHEM\5\JUN27A\C560-11.D\CONFIRM.D
Acq On : 29 Jun 96 01:00 AM Operator: JS
Sample : VHB / DG1:I3 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jun 29 1:34 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	4.05	6.41	761	753	0.003	0.004	
				Recovery	=	7.50%	10.00%	100
2) S	Decachlorobiphenyl	22.21	30.36	2775	353	0.014	0.004	#
				Recovery	=	35.00%	10.00%	100
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.64	44459	30932	0.437	0.305	#
4) M	2,2',3,3',4,4'-Hexa	16.94	21.55	6013	4243	0.065	0.032	#
5) L1	Aroclor-1016	6.80	8.77	10196	1828	0.334	0.139	#
6) L1	Aroclor-1016 {2}	8.93	10.29	12660	8735	0.841	0.326	#
7) L1	Aroclor-1016 {3}	9.32	12.21	25396	5767	1.037	0.347	#
Total	Aroclor-1016			48253	16330	2.212	0.811	
Average	Aroclor-1016					0.737	0.270	
8) L2	Aroclor-1221	5.08	7.99	215	466	0.045	0.111	#
9) L2	Aroclor-1221 {2}	5.50	8.54	430	1753	0.106	0.521	#
10) L2	Aroclor-1221 {3}	5.67	8.77	4382	1828	0.316	0.178	#
Total	Aroclor-1221			5027	4047	0.466	0.810	
Average	Aroclor-1221					0.155	0.270	
11) L3	Aroclor-1232	5.67	8.77	4382	1828	0.365	0.201	#
12) L3	Aroclor-1232 {2}	6.80	10.29	10196	8735	1.169	1.167	
13) L3	Aroclor-1232 {3}	8.60	12.21	6343	5767	1.208	1.345	
Total	Aroclor-1232			20921	16330	2.742	2.713	
Average	Aroclor-1232					0.914	0.904	
14) L4	Aroclor-1242	8.22	11.64	44459	30932	1.184	1.060	
15) L4	Aroclor-1242 {2}	8.93	12.21	12660	5767	1.143	0.458	#
16) L4	Aroclor-1242 {3}	10.07	13.98	22046	17133	1.506	1.373	
Total	Aroclor-1242			79165	53832	3.833	2.891	
Average	Aroclor-1242					1.278	0.964	
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\C560-11.D Vial: 53
Signal #2 : D:\HPCHEM\5\JUN27A\C560-11.D\CONFIRM.D
Acq On : 29 Jun 96 01:00 AM Operator: JS
Sample : VHB / DG1:I3 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jun 29 1:34 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	11.99	15.44	17437	16223	0.652	0.630
21) L6	Aroclor-1254 {2}	13.43	15.69	25692	17013	0.777	0.613
22) L6	Aroclor-1254 {3}	15.82	17.54	18268	24123	0.789	0.645
Total	Aroclor-1254			61397	57360	2.218	1.888
Average	Aroclor-1254					0.739	0.629
23) L7	Aroclor-1260	13.92	18.17	12326	8956	0.431	0.298 #
24) L7	Aroclor-1260 {2}	14.71	18.49	10581	9908	0.345	0.301
25) L7	Aroclor-1260 {3}	17.92	21.91	4333	3983	0.114	0.085 #
Total	Aroclor-1260			27240	22847	0.889	0.684
Average	Aroclor-1260					0.296	0.228
26) L8	Aroclor-1268	18.85	0.00	943	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	2980	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.81	28.12	2054	254	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR1242

$$\frac{1.06 \quad 6.458 \quad 1.518 \times 10}{0.0304 \times .97 \times 0666} = 861.7 \times 10^2 \quad 8617 \quad 8600$$

AR1254

$$\frac{0.613 \quad 0.645 \quad 1.258 \times 10}{6.0304 \times .95 \times .666} = 714.1 \times 10 = 7141 \quad 7100$$

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

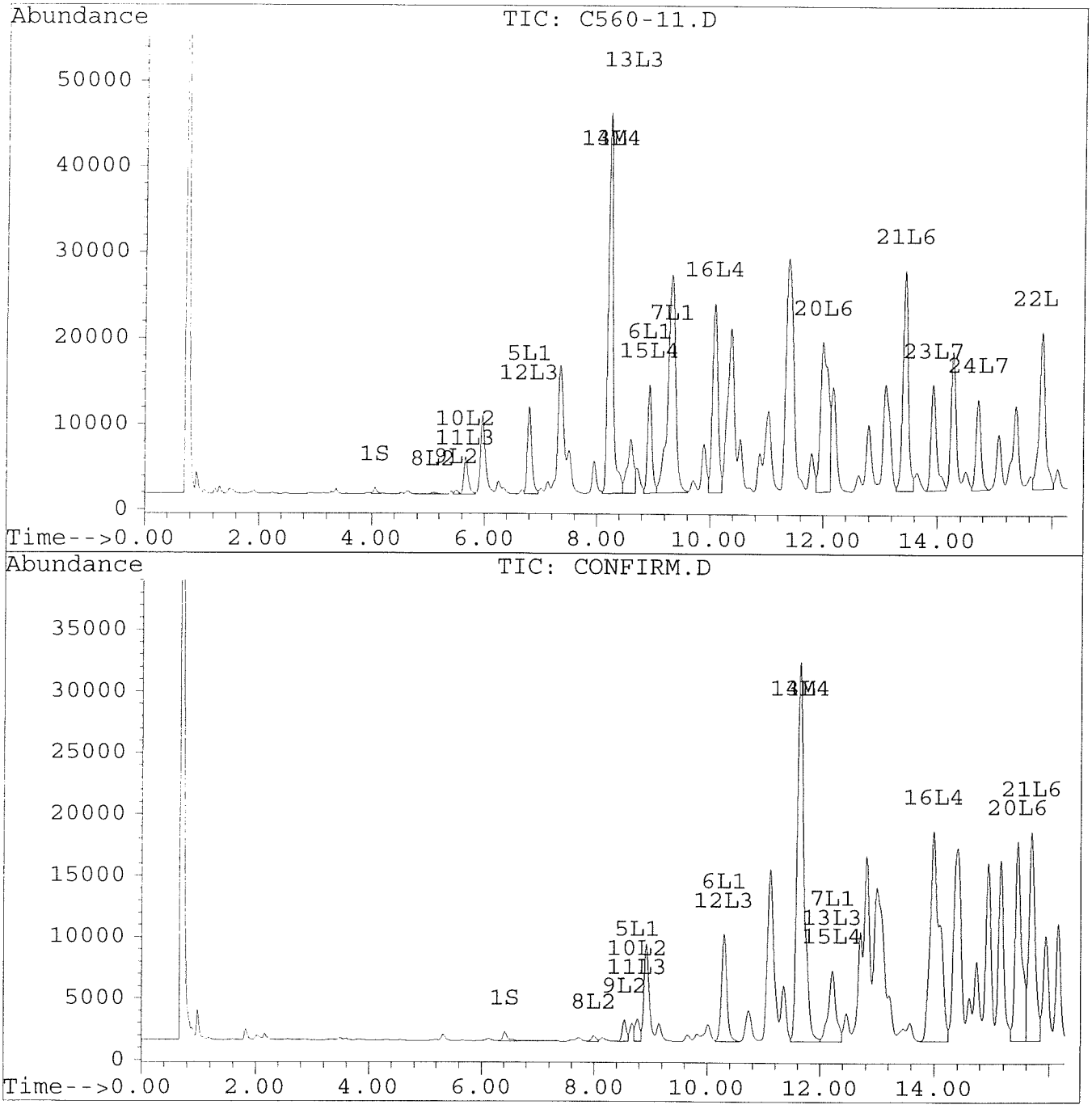
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-11.D
Signal #2 : D:\HPCHEM\5\JUN27A\C560-11.D\CONFIRM.D
Acq On : 29 Jun 96 01:00 AM
Sample : VHB / DG1:I3 1:10 DILUTION
Misc : 30.4G/10ML PCB ANALYSIS 1:10 DILUTION
Quant Time: Jun 29 1:34 1996

Vial: 53
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

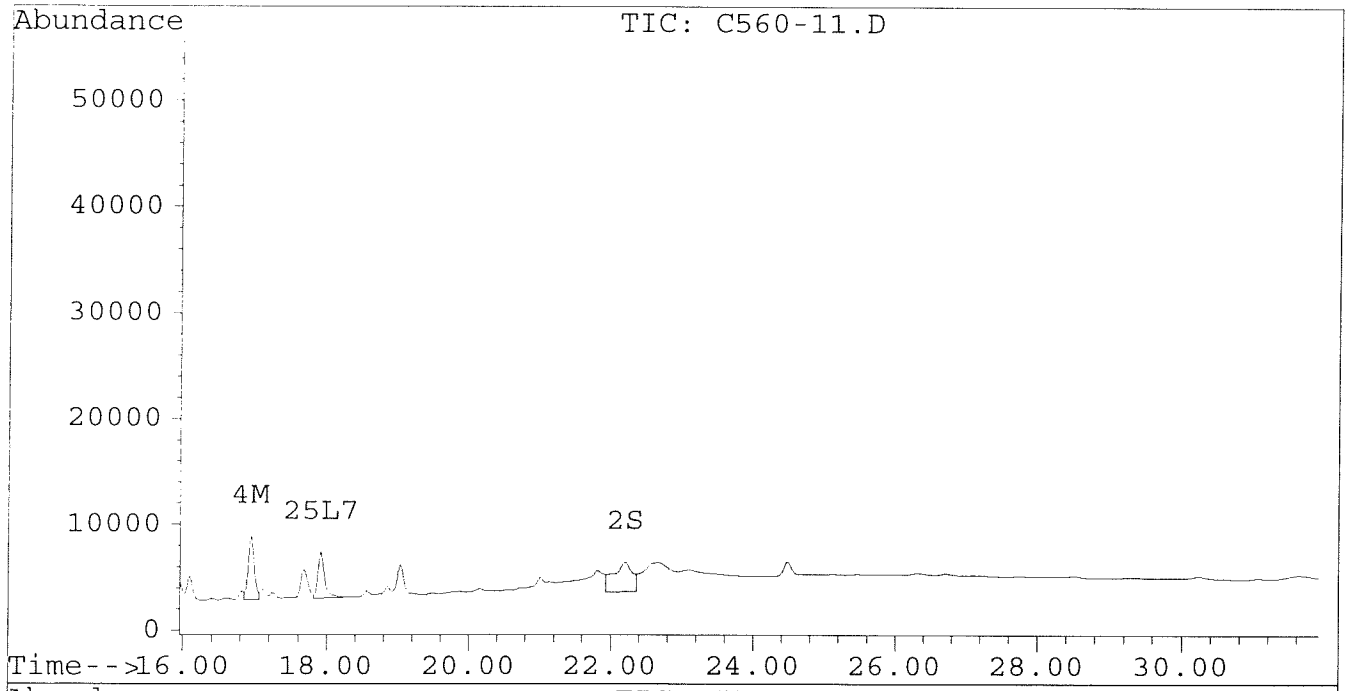


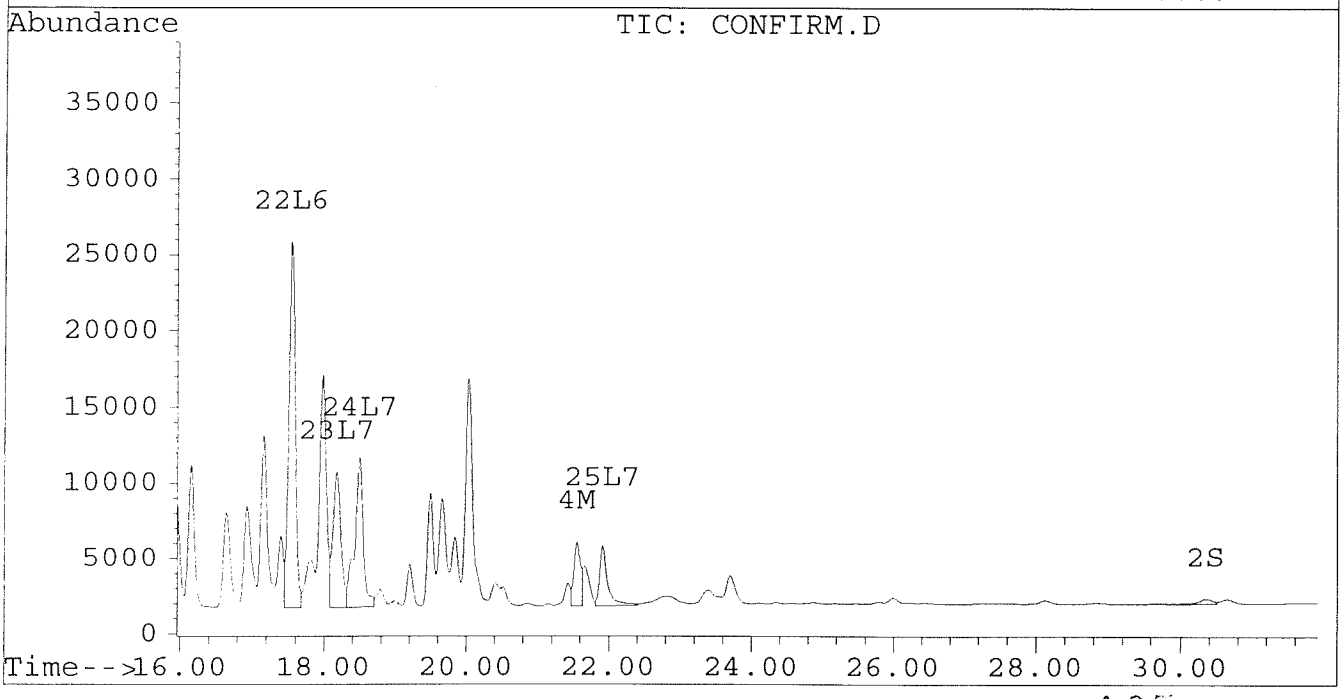
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-11.D Vial: 53
Signal #2 : D:\HPCHEM\5\JUN27A\C560-11.D\CONFIRM.D
Acq On : 29 Jun 96 01:00 AM Operator: JS
Sample : VHB / DG1:I3 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jun 29 1:34 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\JUN27A\C560-13.D Vial: 54
Signal #2 : D:\HPCHEM\5\JUN27A\C560-13.D\CONFIRM.D
Acq On : 29 Jun 96 01:36 AM Operator: JS
Sample : VHB / PJ01:L03 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jun 29 2:09 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	596	566	0.003	0.003
				Recovery	=	7.50%	7.50%
2) S	Decachlorobiphenyl	22.22	30.37	2486	308	0.012	0.004 #
				Recovery	=	30.00%	10.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	46228	31447	0.454	0.310 #
4) M	2,2',3,3',4,4'-Hexa	16.94	21.55	5416	3807	0.059	0.028 #
5) L1	Aroclor-1016	6.79	8.77	9978	2209	0.327	0.168 #
6) L1	Aroclor-1016 {2}	8.93	10.29	12702	8535	0.844	0.318 #
7) L1	Aroclor-1016 {3}	9.32	12.21	24372	5998	0.995	0.361 #
Total	Aroclor-1016			47051	16742	2.166	0.847
Average	Aroclor-1016					0.722	0.282
8) L2	Aroclor-1221	5.08	7.99	282	473	0.058	0.113 #
9) L2	Aroclor-1221 {2}	5.50	8.54	538	1022	0.133	0.304 #
10) L2	Aroclor-1221 {3}	5.67	8.77	4017	2209	0.290	0.215 #
Total	Aroclor-1221			4838	3704	0.480	0.632
Average	Aroclor-1221					0.160	0.211
11) L3	Aroclor-1232	5.67	8.77	4017	2209	0.334	0.243 #
12) L3	Aroclor-1232 {2}	6.79	10.29	9978	8535	1.144	1.140
13) L3	Aroclor-1232 {3}	8.60	12.21	6664	5998	1.269	1.399
Total	Aroclor-1232			20659	16742	2.748	2.782
Average	Aroclor-1232					0.916	0.927
14) L4	Aroclor-1242	8.21	11.63	46228	31447	1.231	1.078
15) L4	Aroclor-1242 {2}	8.93	12.21	12702	5998	1.147	0.477 #
16) L4	Aroclor-1242 {3}	10.07	13.98	21548	16469	1.472	1.319
Total	Aroclor-1242			80477	53914	3.849	2.874
Average	Aroclor-1242					1.283	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\JUN27A\C560-13.D Vial: 54
Signal #2 : D:\HPCHEM\5\JUN27A\C560-13.D\CONFIRM.D
Acq On : 29 Jun 96 01:36 AM Operator: JS
Sample : VHB / PJ01:L03 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jun 29 2:09 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	15.44	14749	13064	0.552	0.507
21) L6	Aroclor-1254 {2}	13.42	15.68	22194	14110	0.671	0.509
22) L6	Aroclor-1254 {3}	15.82	17.54	16012	20287	0.692	0.543
Total	Aroclor-1254			52955	47461	1.914	1.558
Average	Aroclor-1254					0.638	0.519
23) L7	Aroclor-1260	13.92	18.17	10676	7531	0.373	0.251 #
24) L7	Aroclor-1260 {2}	14.70	18.49	9057	8480	0.295	0.257
25) L7	Aroclor-1260 {3}	17.92	21.91	3816	3463	0.100	0.074 #
Total	Aroclor-1260			23548	19473	0.768	0.582
Average	Aroclor-1260					0.256	0.194
26) L8	Aroclor-1268	18.85	0.00	1032	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	23.54	2734	575	NoCal	NoCal
28) L8	Aroclor-1268 {3}	21.81	28.12	2171	319	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

$$\frac{1.078 + 0.477 \times 10}{1.555 \times 10 / 0.030 \times .93 \times 0.666} = 8368 \times 10 = 8368 \approx 8400$$

$$\frac{0.509 + 0.543 \times 10}{1.052 \times 10 / 0.030 \times .93 \times .666} = 566.1 \times 10 = 5661 \approx 5700$$

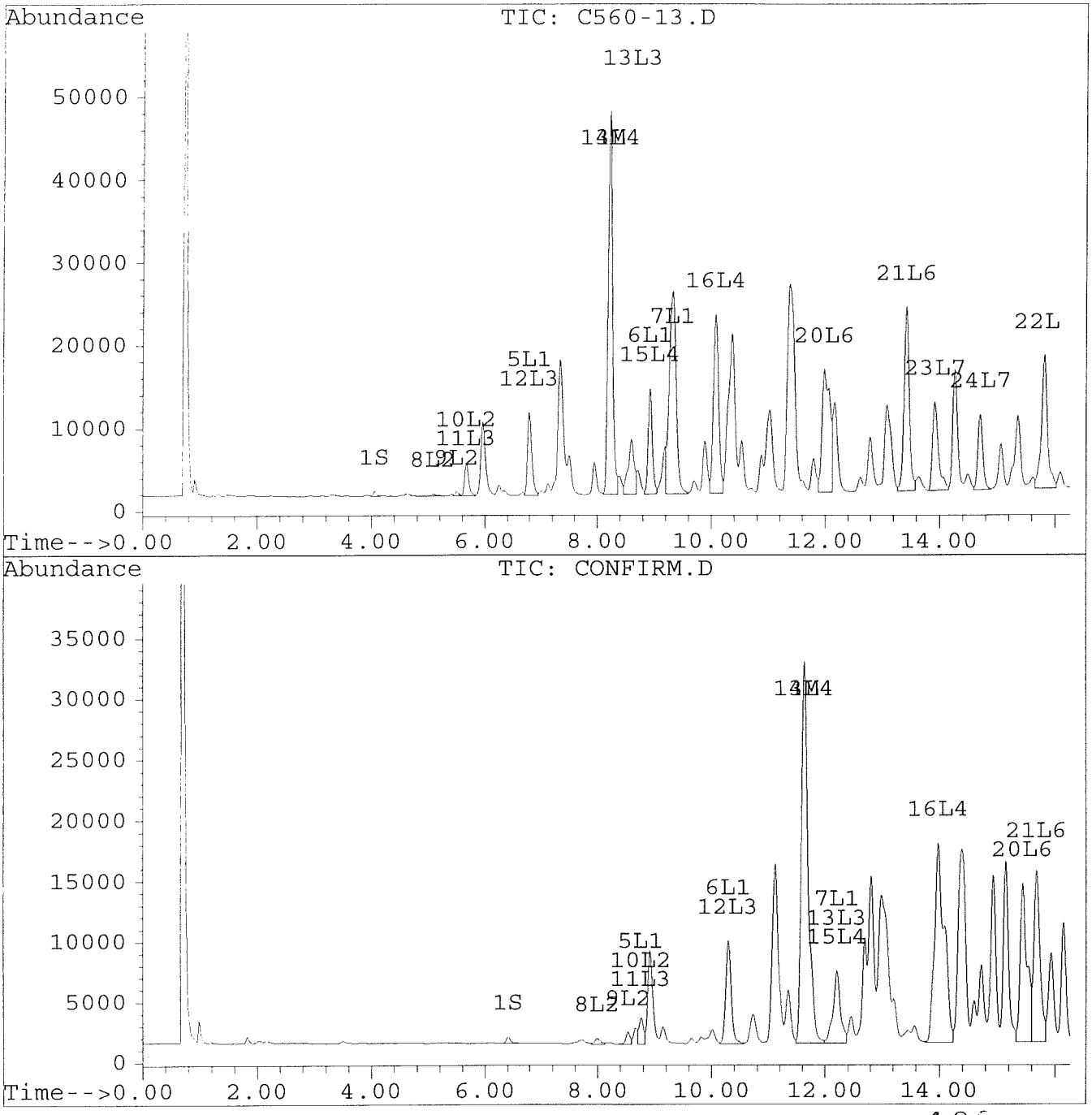
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-13.D Vial: 54
Signal #2 : D:\HPCHEM\5\JUN27A\C560-13.D\CONFIRM.D
Acq On : 29 Jun 96 01:36 AM Operator: JS
Sample : VHB / PJ01:L03 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jun 29 2:09 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

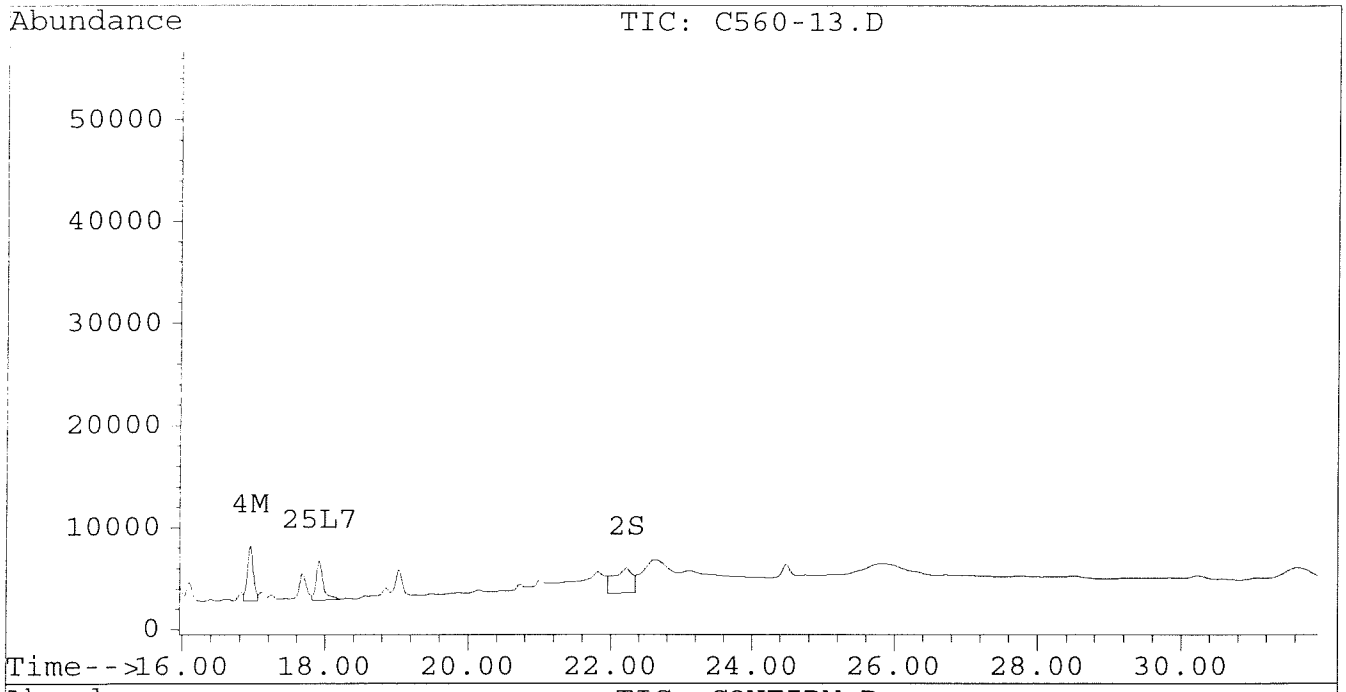


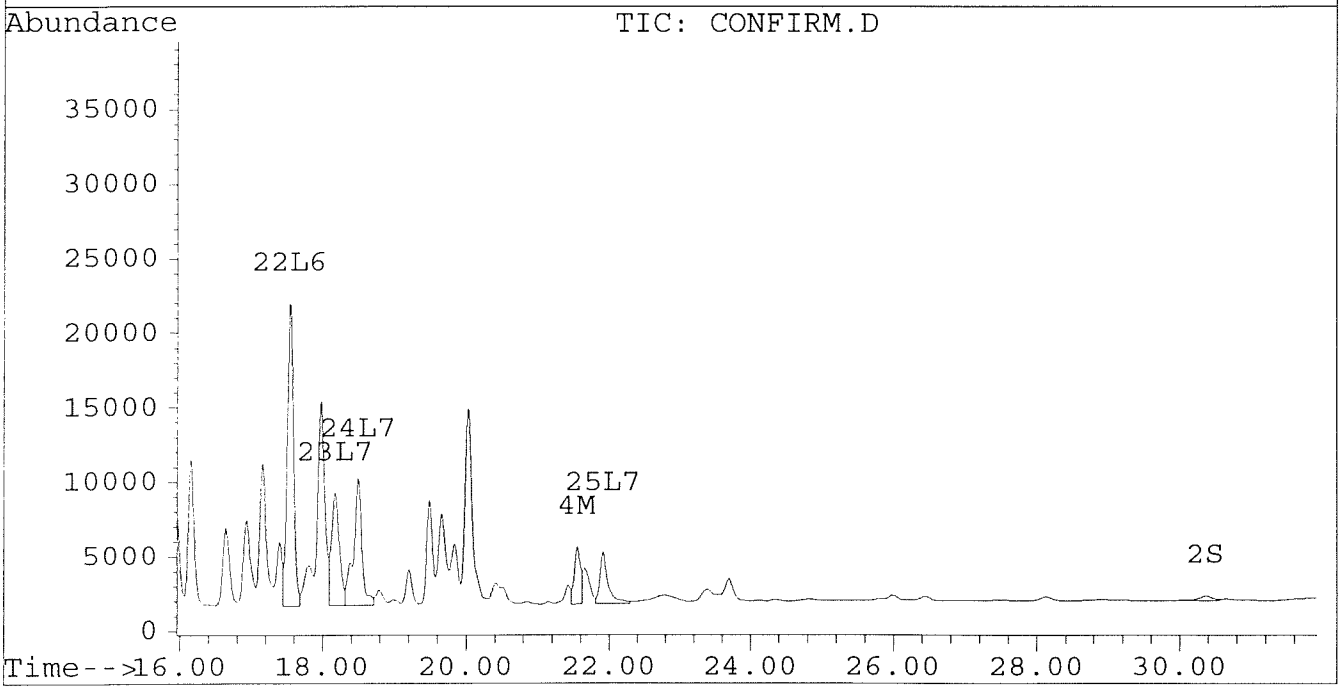
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-13.D Vial: 54
Signal #2 : D:\HPCHEM\5\JUN27A\C560-13.D\CONFIRM.D
Acq On : 29 Jun 96 01:36 AM Operator: JS
Sample : VHB / PJ01:L03 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jun 29 2:09 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\JUN27A\C560-16.D Vial: 55
Signal #2 : D:\HPCHEM\5\JUN27A\C560-16.D\CONFIRM.D
Acq On : 29 Jun 96 02:11 AM Operator: JS
Sample : VHB / PM01:O03 1:10 DILUTION Inst : ECD1
Misc : 30.1G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:23 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	754	858	0.003	0.005m	#
				Recovery	=	7.50%	12.50%	
2)	S Decachlorobiphenyl	22.22	30.37	1025	311	0.005m	0.004m	
				Recovery	=	12.50%	10.00%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.22	11.64	78121	52124	0.767	0.514	#
4)	M 2,2',3,3',4,4'-Hexa	16.94	21.55	7276	5120	0.079	0.038	#
5)	L1 Aroclor-1016	6.79	8.76	14137	2512	0.463	0.191	#
6)	L1 Aroclor-1016 {2}	8.93	10.29	22337	11911	1.484	0.444	#
7)	L1 Aroclor-1016 {3}	9.32	12.21	37724	9219	1.541	0.554	#
	Total Aroclor-1016			74198	23642	3.487	1.189	
	Average Aroclor-1016					1.162	0.396	
8)	L2 Aroclor-1221	5.08	7.99	270	590	0.056	0.141	#
9)	L2 Aroclor-1221 {2}	5.50	8.54	591	1441	0.145	0.428	#
10)	L2 Aroclor-1221 {3}	5.67	8.76	6752	2512	0.487	0.245	#
	Total Aroclor-1221			7612	4543	0.688	0.814	
	Average Aroclor-1221					0.229	0.271	
11)	L3 Aroclor-1232	5.67	8.76	6752	2512	0.562	0.277	#
12)	L3 Aroclor-1232 {2}	6.79	10.29	14137	11911	1.621	1.591	
13)	L3 Aroclor-1232 {3}	8.60	12.21	9328	9219	1.776	2.150	
	Total Aroclor-1232			30216	23642	3.959	4.018	
	Average Aroclor-1232					1.320	1.339	
14)	L4 Aroclor-1242	8.22	11.64	78121	52124	2.080	1.786	
15)	L4 Aroclor-1242 {2}	8.93	12.21	22337	9219	2.016	0.733	#
16)	L4 Aroclor-1242 {3}	10.07	13.98	34161	26103	2.333	2.091	
	Total Aroclor-1242			134619	87445	6.430	4.610	
	Average Aroclor-1242					2.143	1.537	
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\C560-16.D Vial: 55
Signal #2 : D:\HPCHEM\5\JUN27A\C560-16.D\CONFIRM.D
Acq On : 29 Jun 96 02:11 AM Operator: JS
Sample : VHB / PM01:O03 1:10 DILUTION Inst : ECD1
Misc : 30.1G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:23 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	20742	18700	0.776	0.726	
21) L6	Aroclor-1254	{2}	13.42	15.68	31284	19971	0.946	0.720	
22) L6	Aroclor-1254	{3}	15.82	17.54	21699	29105	0.938	0.779	
Total	Aroclor-1254				73725	67776	2.659	2.224	
Average	Aroclor-1254						0.886	0.741	
23) L7	Aroclor-1260		13.92	18.17	15017	10734	0.525	0.358	#
24) L7	Aroclor-1260	{2}	14.70	18.49	12414	11480	0.404	0.348	
25) L7	Aroclor-1260	{3}	17.91	21.91	5104	4824	0.134	0.103	
Total	Aroclor-1260				32535	27038	1.063	0.809	
Average	Aroclor-1260						0.354	0.270	
26) L8	Aroclor-1268		18.85	0.00	1356	0	NoCal	N.D.	
27) L8	Aroclor-1268	{2}	19.03	23.53	3714	778	NoCal	NoCal	
28) L8	Aroclor-1268	{3}	21.81	28.13	2259	636	NoCal	NoCal	
Total	Aroclor-1268				0	0	N.D.	N.D.	
Average	Aroclor-1268						0.000	0.000	

$$\frac{1.786 \quad 0.733}{\frac{2.514 \times 10}{0.0301 \times .93 \times .666}} = 1351 \times 10 = 13511 \quad 14000$$

$$\frac{0.720 \quad 0.779}{\frac{1449 \times 10}{0.0301 \times .93 \times .666}} = 5040 \times 10 = 50400 \quad 6000$$

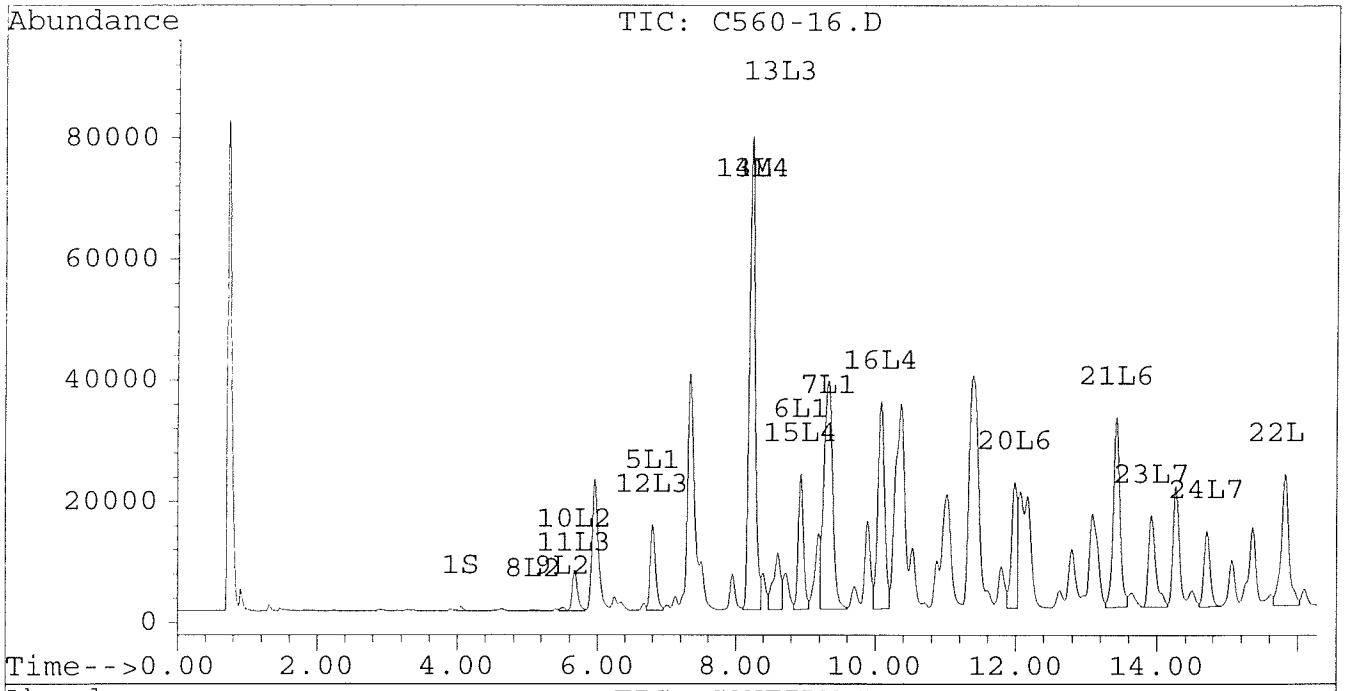
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

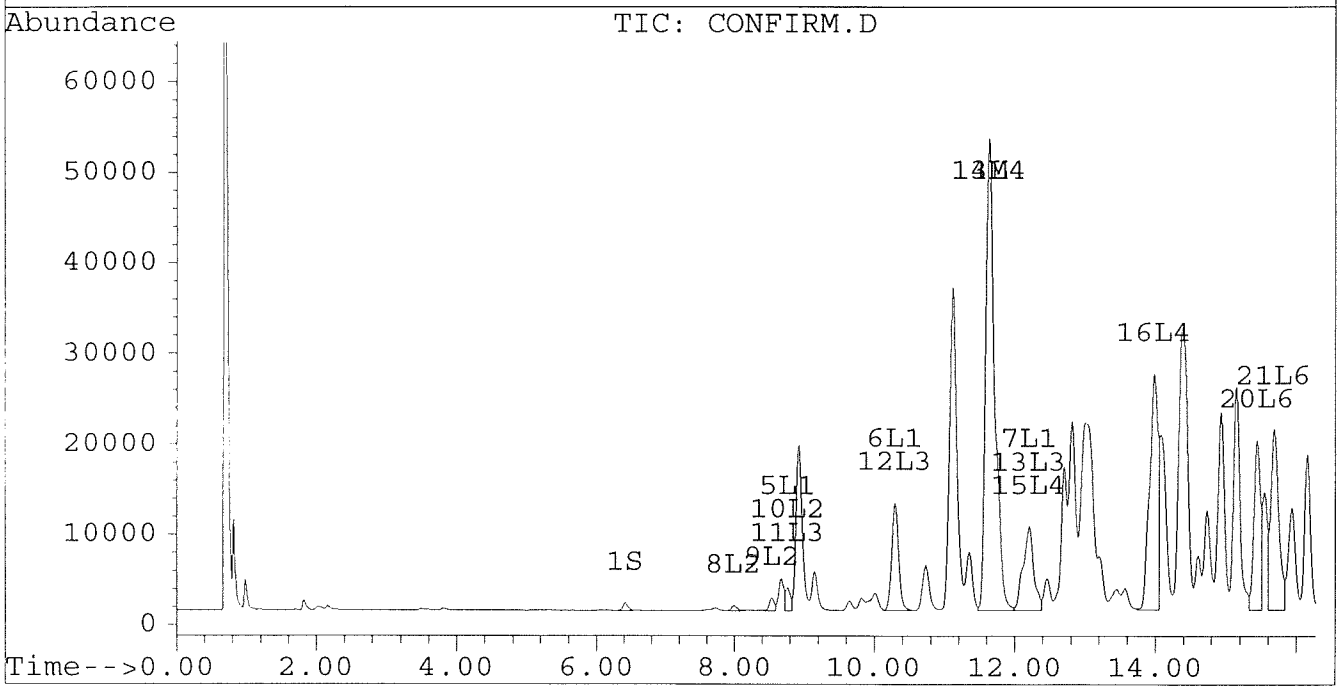
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-16.D Vial: 55
Signal #2 : D:\HPCHEM\5\JUN27A\C560-16.D\CONFIRM.D
Acq On : 29 Jun 96 02:11 AM Operator: JS
Sample : VHB / PM01:O03 1:10 DILUTION Inst : ECD1
Misc : 30.1G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:23 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





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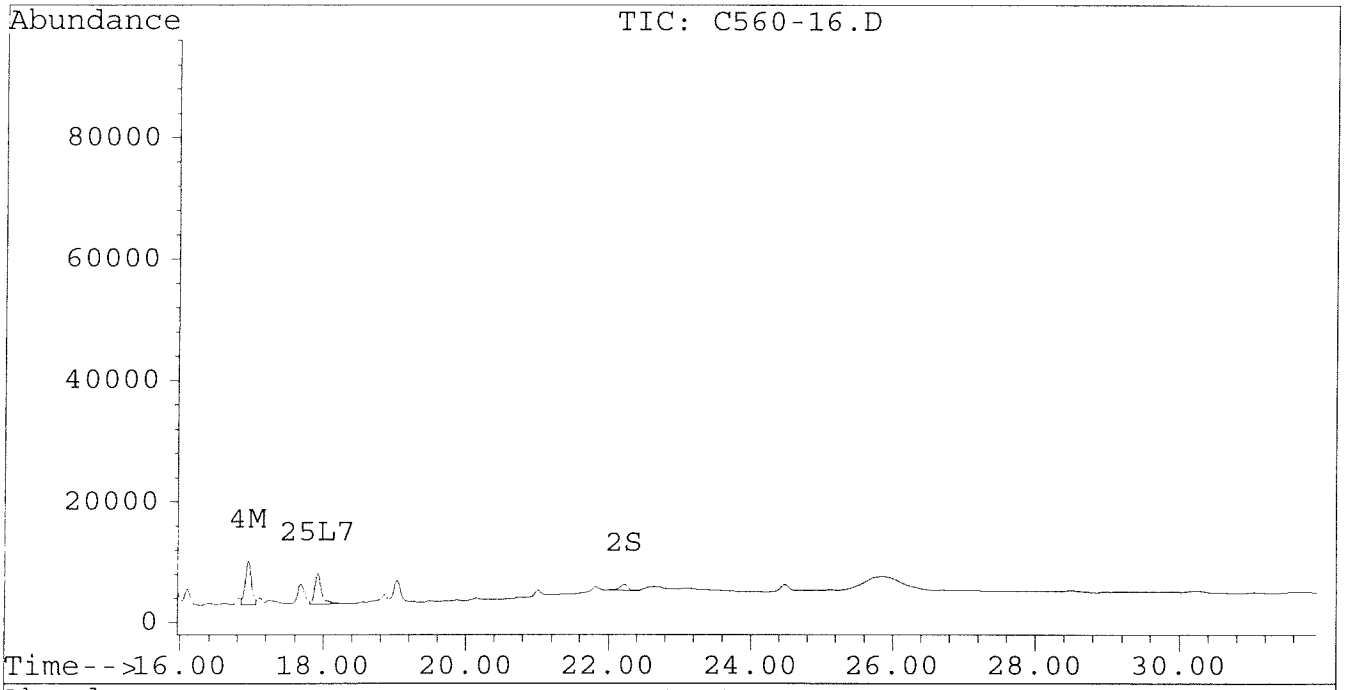
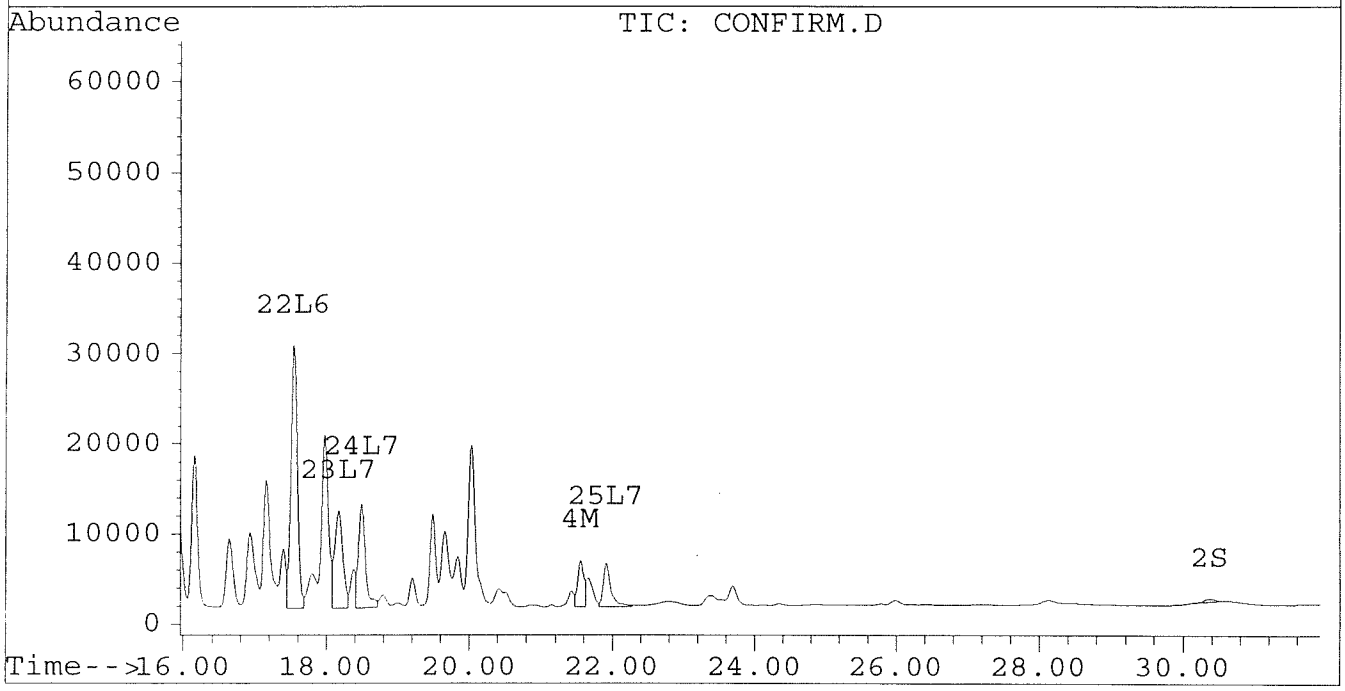
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-16.D Vial: 55
Signal #2 : D:\HPCHEM\5\JUN27A\C560-16.D\CONFIRM.D
Acq On : 29 Jun 96 02:11 AM Operator: JS
Sample : VHB / PM01:O03 1:10 DILUTION Inst : ECD1
Misc : 30.1G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:23 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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-18.D Vial: 56
Signal #2 : D:\HPCHEM\5\JUN27A\C560-18.D\CONFIRM.D
Acq On : 29 Jun 96 02:46 AM Operator: JS
Sample : VHB / PP01:R03 1:20 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:20 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:30 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	366	353	0.002	0.002	
				Recovery	=	5.00%	5.00%	
2) S	Decachlorobiphenyl	22.22	30.39	609	208	0.003m	0.003m	
				Recovery	=	7.50%	7.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.63	46987	31744	0.461	0.313	#
4) M	2,2',3,3',4,4'-Hexa	16.94	21.55	7680	5575	0.083	0.041	#
5) L1	Aroclor-1016	6.79	8.77	10695	1509	0.350	0.115	#
6) L1	Aroclor-1016 {2}	8.93	10.29	11733	9077	0.780	0.338	#
7) L1	Aroclor-1016 {3}	9.31	12.21	27090	5415	1.106	0.326	#
Total	Aroclor-1016			49518	16001	2.236	0.778	
Average	Aroclor-1016					0.745	0.259	
8) L2	Aroclor-1221	5.08	7.99	151	306	0.031	0.073	#
9) L2	Aroclor-1221 {2}	5.50	8.54	362	915	0.089	0.272	#
10) L2	Aroclor-1221 {3}	5.67	8.77	3258	1509	0.235	0.147	#
Total	Aroclor-1221			3771	2729	0.355	0.492	
Average	Aroclor-1221					0.118	0.164	
11) L3	Aroclor-1232	5.67	8.77	3258	1509	0.271	0.166	#
12) L3	Aroclor-1232 {2}	6.79	10.29	10695	9077	1.227	1.212	
13) L3	Aroclor-1232 {3}	8.60	12.21	6036	5415	1.149	1.263	
Total	Aroclor-1232			19989	16001	2.647	2.642	
Average	Aroclor-1232					0.882	0.881	
14) L4	Aroclor-1242	8.21	11.63	46987	31744	1.251	1.088	
15) L4	Aroclor-1242 {2}	8.93	12.21	11733	5415	1.059	0.430	#
16) L4	Aroclor-1242 {3}	10.07	13.98	23155	17931	1.582	1.436	
Total	Aroclor-1242			81875	55090	3.892	2.955	
Average	Aroclor-1242					1.297	0.985	
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\C560-18.D Vial: 56
Signal #2 : D:\HPCHEM\5\JUN27A\C560-18.D\CONFIRM.D
Acq On : 29 Jun 96 02:46 AM Operator: JS
Sample : VHB / PP01:R03 1:20 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:20 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:30 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		11.98	15.44	21415	18581	0.801	0.721
21) L6	Aroclor-1254	{2}	13.42	15.68	32318	20307	0.977	0.732 #
22) L6	Aroclor-1254	{3}	15.82	17.54	23332	29694	1.008	0.794
Total	Aroclor-1254				77066	68581	2.786	2.248
Average	Aroclor-1254						0.929	0.749
23) L7	Aroclor-1260		13.92	18.17	14547	10642	0.508	0.355 #
24) L7	Aroclor-1260	{2}	14.70	18.49	12872	11964	0.419	0.363
25) L7	Aroclor-1260	{3}	17.91	21.91	4852	4599	0.127	0.099
Total	Aroclor-1260				32271	27205	1.055	0.816
Average	Aroclor-1260						0.352	0.272
26) L8	Aroclor-1268		0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268	{2}	19.03	23.53	3532	796	NoCal	NoCal
28) L8	Aroclor-1268	{3}	21.81	28.14f	2449	956	NoCal	NoCal
Total	Aroclor-1268				0	0	N.D.	N.D.
Average	Aroclor-1268						0.000	0.000

$$\frac{1.688 + 0.430}{\frac{1.518 \times 10}{0.0305 \times .93 \times .666}} = 803.5 \times 20 = 16071$$

16000

$$\frac{.732 + .794}{\frac{1.526 \times 10}{0.0305 \times .93 \times .666}} = 807.7 \times 20 = 16155$$

16000

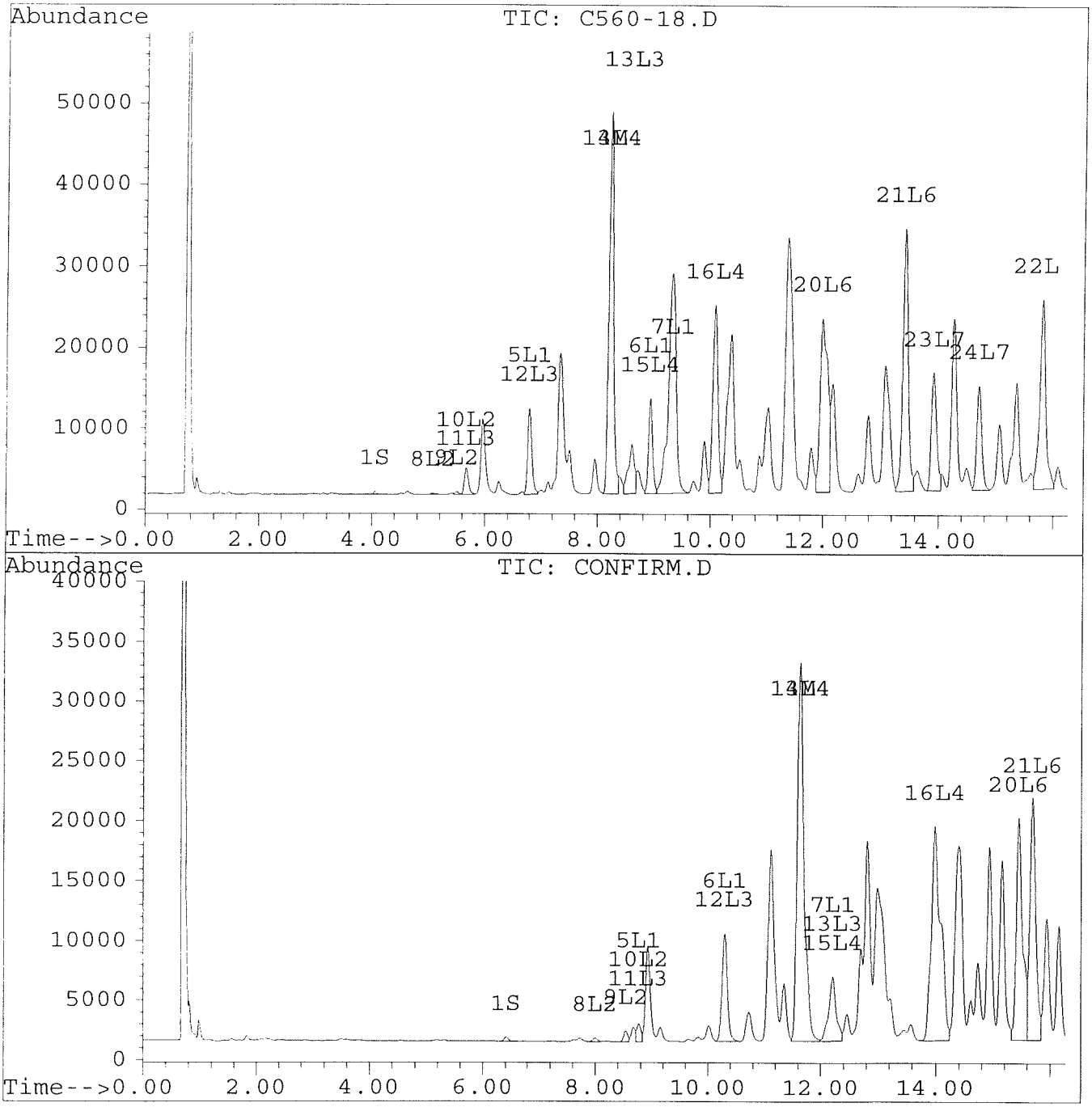
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-18.D Vial: 56
Signal #2 : D:\HPCHEM\5\JUN27A\C560-18.D\CONFIRM.D
Acq On : 29 Jun 96 02:46 AM Operator: JS
Sample : VHB / PP01:R03 1:20 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:20 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:30 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

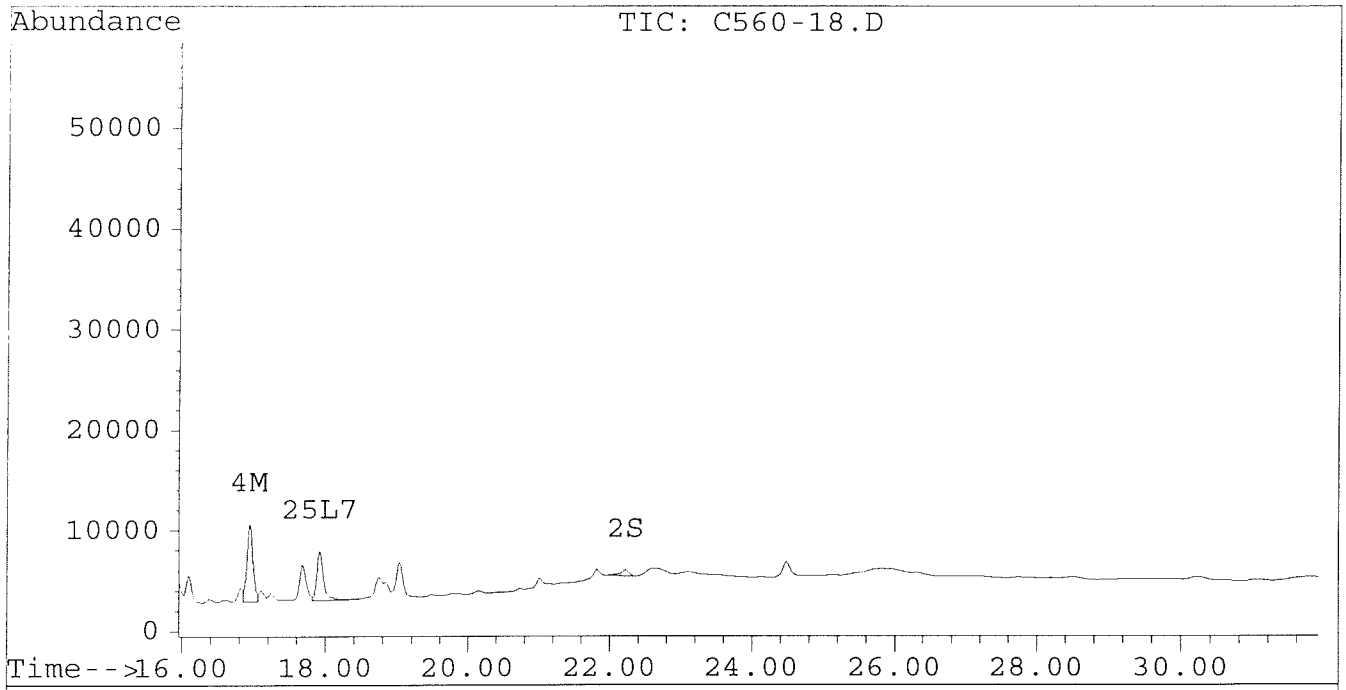


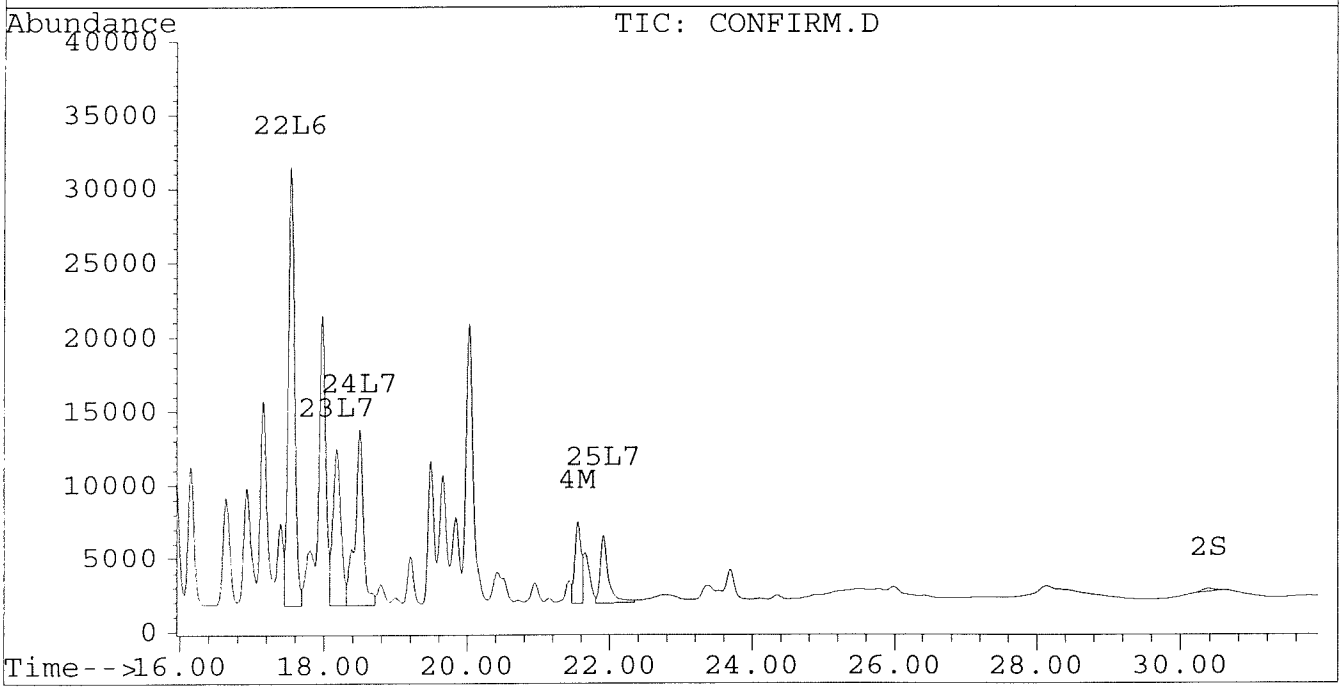
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-18.D Vial: 56
Signal #2 : D:\HPCHEM\5\JUN27A\C560-18.D\CONFIRM.D
Acq On : 29 Jun 96 02:46 AM Operator: JS
Sample : VHB / PP01:R03 1:20 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:20 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:30 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\JUN27A\C560-21.D Vial: 57
Signal #2 : D:\HPCHEM\5\JUN27A\C560-21.D\CONFIRM.D
Acq On : 29 Jun 96 03:22 AM Operator: JS
Sample : VHB / PS01:U03 1:20 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:20 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:31 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	386	433	0.002	0.002m#
				Recovery	=	5.00%	5.00%
2) S	Decachlorobiphenyl	22.16f	30.37	813	140	0.004m	0.002m#
				Recovery	=	10.00%	5.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	79854	56716	0.784	0.560 #
4) M	2,2',3,3',4,4'-Hexa	16.94	21.55	5326	3458	0.058	0.026 #
5) L1	Aroclor-1016	6.79	8.76	19027	2279	0.623	0.173 #
6) L1	Aroclor-1016 {2}	8.93	10.29	24492	15966	1.627	0.595 #
7) L1	Aroclor-1016 {3}	9.32	12.22	36691	9234	1.498	0.555 #
Total	Aroclor-1016			80210	27479	3.748	1.323
Average	Aroclor-1016					1.249	0.441
8) L2	Aroclor-1221	0.00	8.00	0	518	N.D.	0.123 #
9) L2	Aroclor-1221 {2}	5.50	8.53	663	1653	0.163	0.491 #
10) L2	Aroclor-1221 {3}	5.67	8.76	5346	2279	0.385	0.222 #
Total	Aroclor-1221			6009	4449	0.549	0.837
Average	Aroclor-1221					0.274	0.279
11) L3	Aroclor-1232	5.67	8.76	5346	2279	0.445	0.251 #
12) L3	Aroclor-1232 {2}	6.79	10.29	19027	15966	2.182	2.133
13) L3	Aroclor-1232 {3}	8.60	12.22	11567	9234	2.203	2.154
Total	Aroclor-1232			35940	27479	4.830	4.537
Average	Aroclor-1232					1.610	1.512
14) L4	Aroclor-1242	8.21	11.63	79854	56716	2.127	1.944
15) L4	Aroclor-1242 {2}	8.93	12.22	24492	9234	2.211	0.734 #
16) L4	Aroclor-1242 {3}	10.07	13.98	32213	24023	2.200	1.925
Total	Aroclor-1242			136559	89973	6.538	4.602
Average	Aroclor-1242					2.179	1.534
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\C560-21.D Vial: 57
Signal #2 : D:\HPCHEM\5\JUN27A\C560-21.D\CONFIRM.D
Acq On : 29 Jun 96 03:22 AM Operator: JS
Sample : VHB / PS01:U03 1:20 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:20 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:31 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	11.98	15.44	16524	15331	0.618	0.595
21) L6	Aroclor-1254 {2}	13.42	15.68	23924	15655	0.723	0.564
22) L6	Aroclor-1254 {3}	15.81	17.54	15351	21515	0.663	0.576
Total	Aroclor-1254			55799	52501	2.005	1.735
Average	Aroclor-1254					0.668	0.578
23) L7	Aroclor-1260	13.92	18.17	11148	7298	0.389	0.243 #
24) L7	Aroclor-1260 {2}	14.70	18.49	9026	8041	0.294	0.244
25) L7	Aroclor-1260 {3}	17.91	21.91	3789	3409	0.100	0.073 #
Total	Aroclor-1260			23963	18748	0.783	0.560
Average	Aroclor-1260					0.261	0.187
26) L8	Aroclor-1268	0.00	23.35	0	937	N.D.	NoCal
27) L8	Aroclor-1268 {2}	19.02	23.54	2973	681	NoCal	NoCal
28) L8	Aroclor-1268 {3}	21.80	28.12	2133	606	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

$\frac{1.944 \quad 0.734}{2.678 \times 10 \quad 0.0305 \times .91 \times .666} = 1448.7 \times 20 = 28975 \approx 29000$

$\frac{0.564 \quad 0.576}{1.140 \times 10 \quad 0.0305 \times .91 \times .666} \times 20 = 12334 \approx 12000$

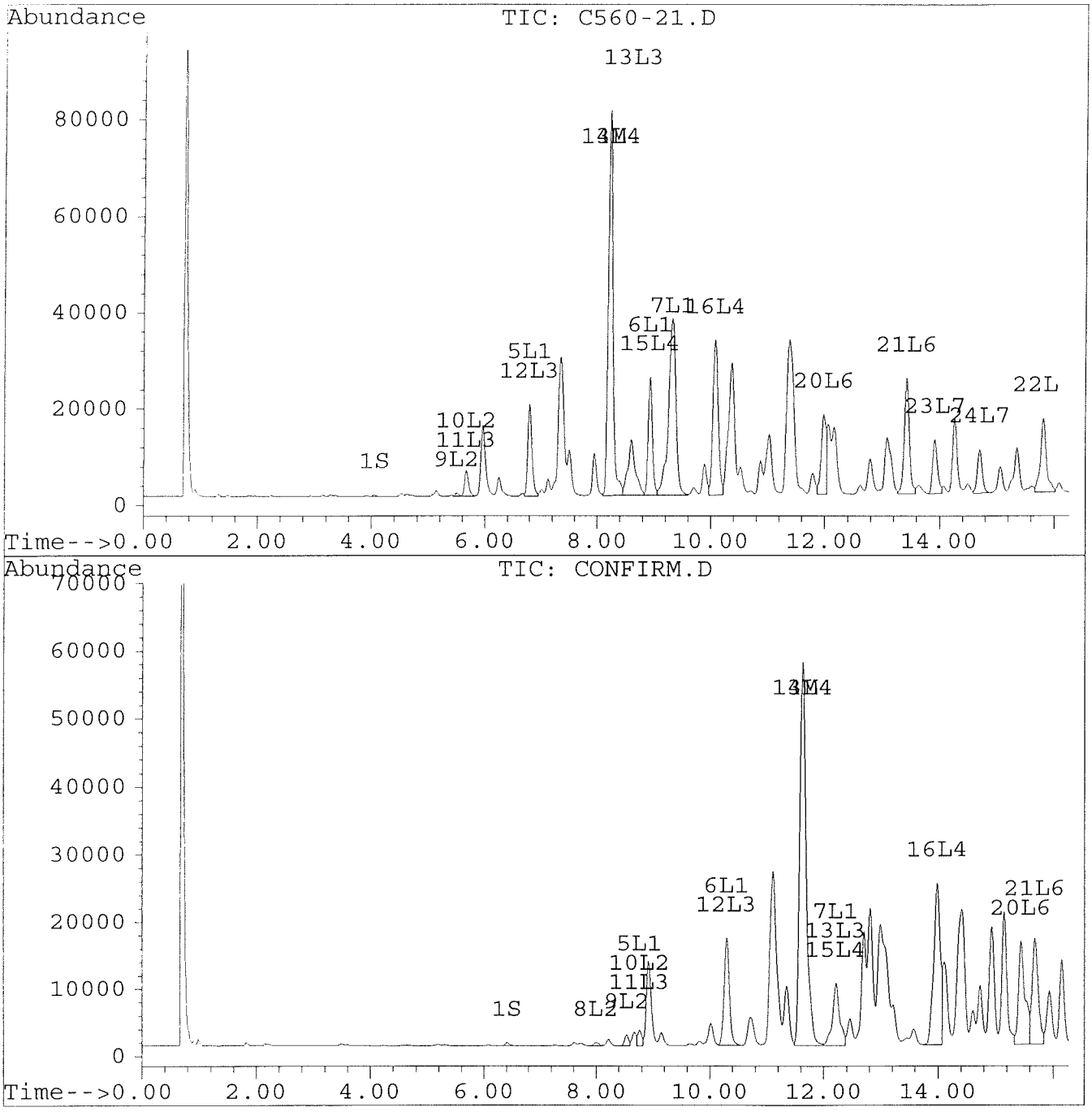
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-21.D Vial: 57
Signal #2 : D:\HPCHEM\5\JUN27A\C560-21.D\CONFIRM.D
Acq On : 29 Jun 96 03:22 AM Operator: JS
Sample : VHB / PS01:U03 1:20 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:20 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:31 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

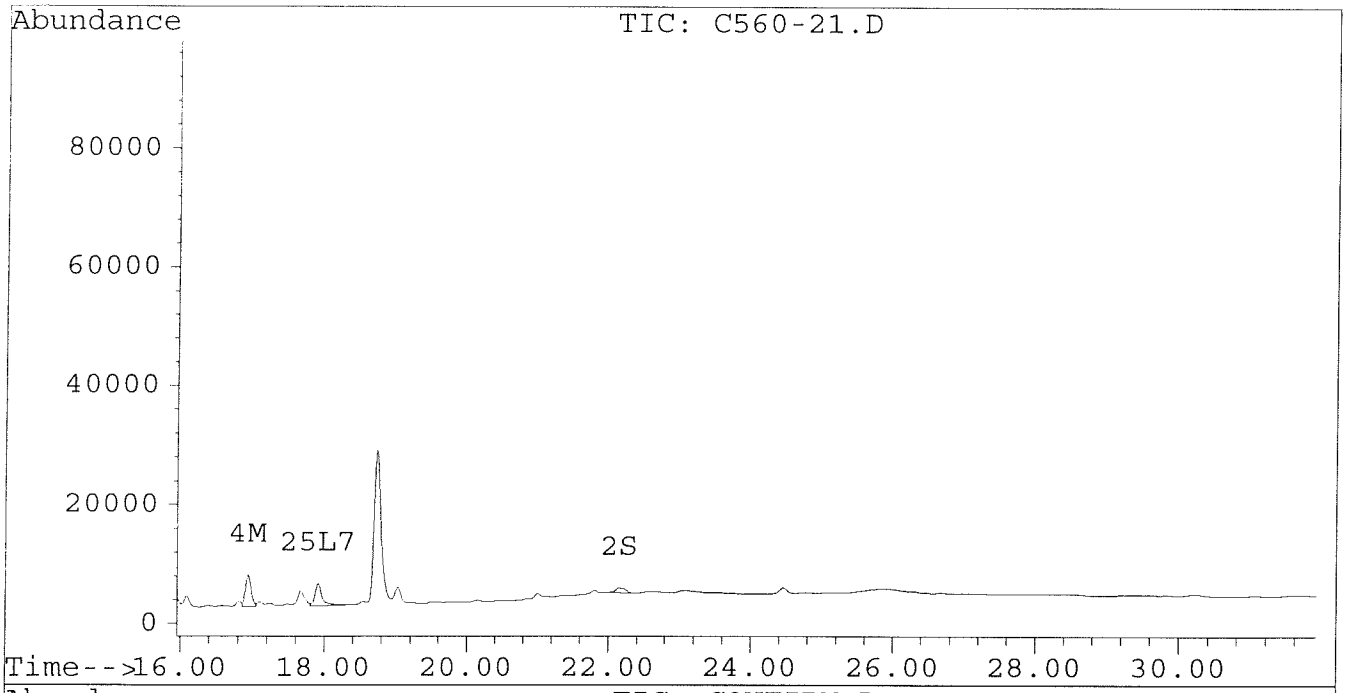


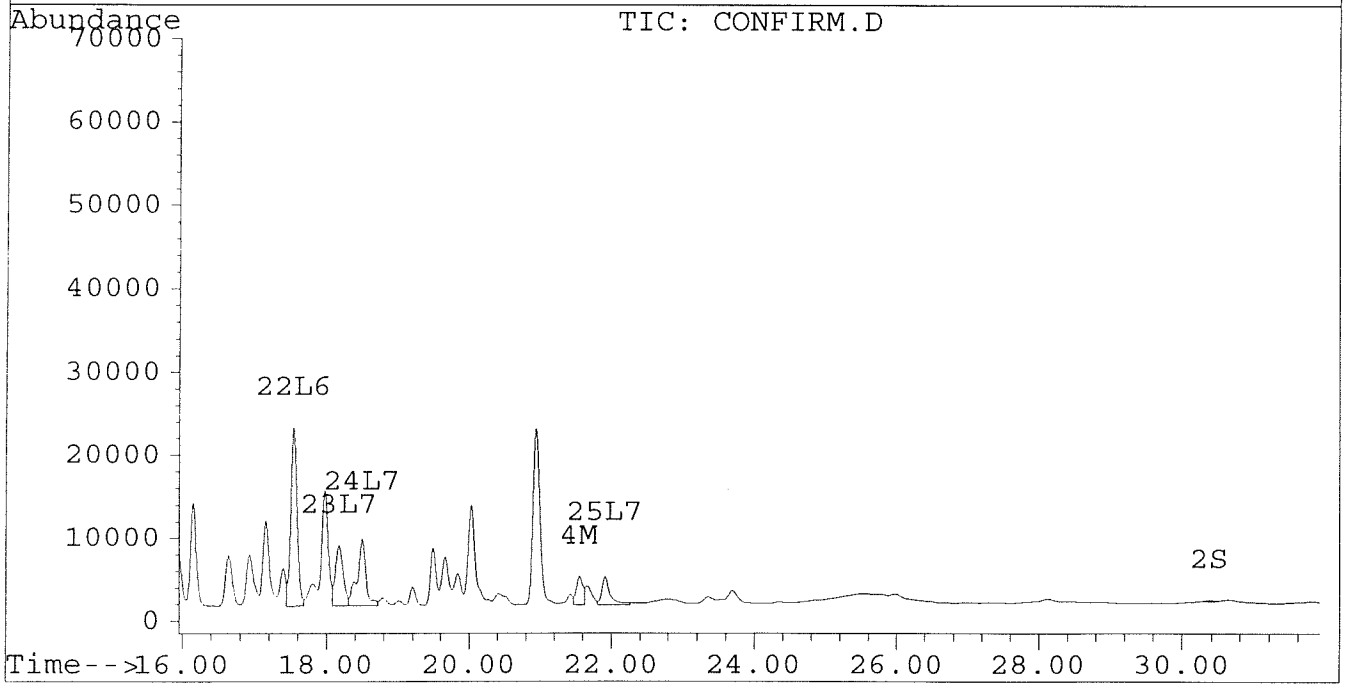
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-21.D Vial: 57
Signal #2 : D:\HPCHEM\5\JUN27A\C560-21.D\CONFIRM.D
Acq On : 29 Jun 96 03:22 AM Operator: JS
Sample : VHB / PS01:U03 1:20 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:20 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:31 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\JUN27A\C560-24.D Vial: 58
Signal #2 : D:\HPCHEM\5\JUN27A\C560-24.D\CONFIRM.D
Acq On : 29 Jun 96 03:58 AM Operator: JS
Sample : VHB / PV01:X03 1:10 DILUTION Inst : ECD1
Misc : 30.2G/10ML PCB ANALYSIS 1;10 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:32 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
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.41	778	683	0.003	0.004m
				Recovery	=	7.50%	10.00%
2) S	Decachlorobiphenyl	22.22	30.37	1069	387	0.005m	0.005m
				Recovery	=	12.50%	12.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	44749	31593	0.439	0.312 #
4) M	2,2',3,3',4,4'-Hexa	16.94	21.55	7654	4932	0.083	0.037 #
5) L1	Aroclor-1016	6.79	8.77	9536	1287	0.312	0.098 #
6) L1	Aroclor-1016 (2)	8.93	10.29	11680	8098	0.776	0.302 #
7) L1	Aroclor-1016 (3)	9.32	12.22	27766	4954	1.134	0.298 #
Total	Aroclor-1016			48982	14339	2.222	0.697
Average	Aroclor-1016					0.741	0.232
8) L2	Aroclor-1221	0.00	7.99	0	390	N.D.	0.093 #
9) L2	Aroclor-1221 (2)	5.50	8.53	313	1641	0.077	0.488 #
10) L2	Aroclor-1221 (3)	5.66	8.77	3265	1287	0.235	0.125 #
Total	Aroclor-1221			3578	3317	0.312	0.706
Average	Aroclor-1221					0.156	0.235
11) L3	Aroclor-1232	5.66	8.77	3265	1287	0.272	0.142 #
12) L3	Aroclor-1232 (2)	6.79	10.29	9536	8098	1.094	1.082
13) L3	Aroclor-1232 (3)	8.60	12.22	6243	4954	1.189	1.155
Total	Aroclor-1232			19043	14339	2.554	2.379
Average	Aroclor-1232					0.851	0.793
14) L4	Aroclor-1242	8.21	11.63	44749	31593	1.192	1.083
15) L4	Aroclor-1242 (2)	8.93	12.22	11680	4954	1.054	0.394 #
16) L4	Aroclor-1242 (3)	10.07	13.98	24111	18187	1.647	1.457
Total	Aroclor-1242			80541	54734	3.893	2.933
Average	Aroclor-1242					1.298	0.978
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\C560-24.D Vial: 58
Signal #2 : D:\HPCHEM\5\JUN27A\C560-24.D\CONFIRM.D
Acq On : 29 Jun 96 03:58 AM Operator: JS
Sample : VHB / PV01:X03 1:10 DILUTION Inst : ECD1
Misc : 30.2G/10ML PCB ANALYSIS 1;10 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:32 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		11.98	15.44	19203	16387	0.718	0.636	
21) L6	Aroclor-1254	{2}	13.42	15.69	29067	18081	0.879	0.652	#
22) L6	Aroclor-1254	{3}	15.81	17.54	21366	26039	0.923	0.697	
Total	Aroclor-1254				69636	60506	2.520	1.984	
Average	Aroclor-1254						0.840	0.661	
23) L7	Aroclor-1260		13.92	18.17	13942	9554	0.487	0.318	#
24) L7	Aroclor-1260	{2}	14.70	18.49	12135	10996	0.395	0.334	
25) L7	Aroclor-1260	{3}	17.91	21.91	6343	7013	0.167	0.150	
Total	Aroclor-1260				32420	27563	1.049	0.802	
Average	Aroclor-1260						0.350	0.267	
26) L8	Aroclor-1268		0.00	23.34	0	1876	N.D.	NoCal	
27) L8	Aroclor-1268	{2}	19.02	23.54	5075	1396	NoCal	NoCal	
28) L8	Aroclor-1268	{3}	21.81	28.12	3816	1297	NoCal	NoCal	
Total	Aroclor-1268				0	0	N.D.	N.D.	
Average	Aroclor-1268						0.000	0.000	

1.053
.394
1.477 x 10
0.0302 x .95 x .666
x 10 = 7,739
7700

.652
.697
1.349 x 10
0.0300 x .95 x .666
x 10 = 7060
7000
11,00

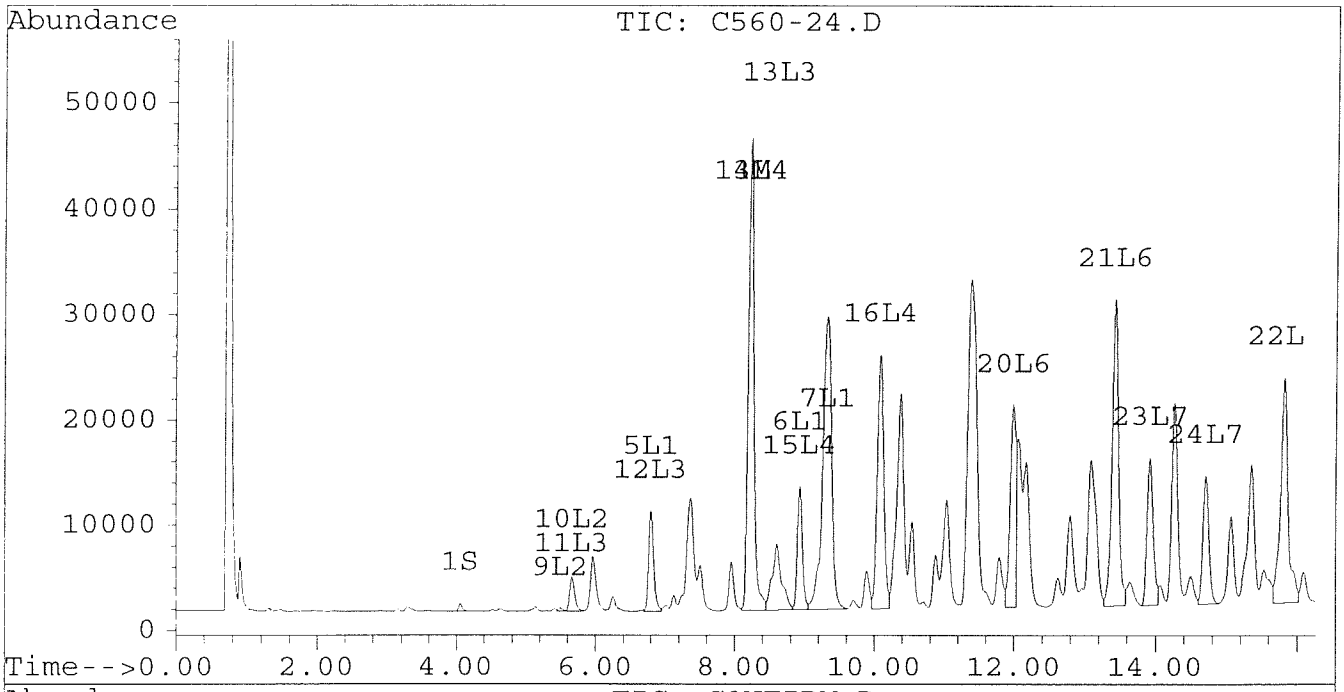
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

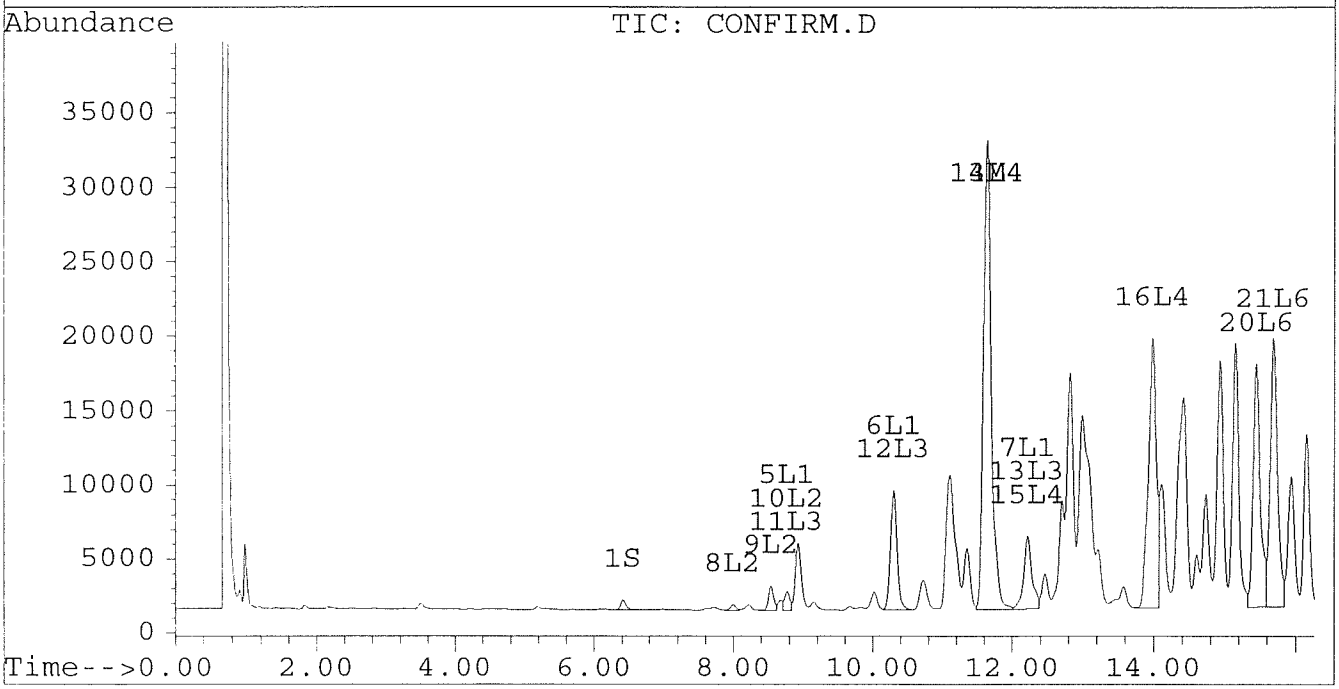
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-24.D Vial: 58
Signal #2 : D:\HPCHEM\5\JUN27A\C560-24.D\CONFIRM.D
Acq On : 29 Jun 96 03:58 AM Operator: JS
Sample : VHB / PV01:X03 1:10 DILUTION Inst : ECD1
Misc : 30.2G/10ML PCB ANALYSIS 1;10 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:32 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



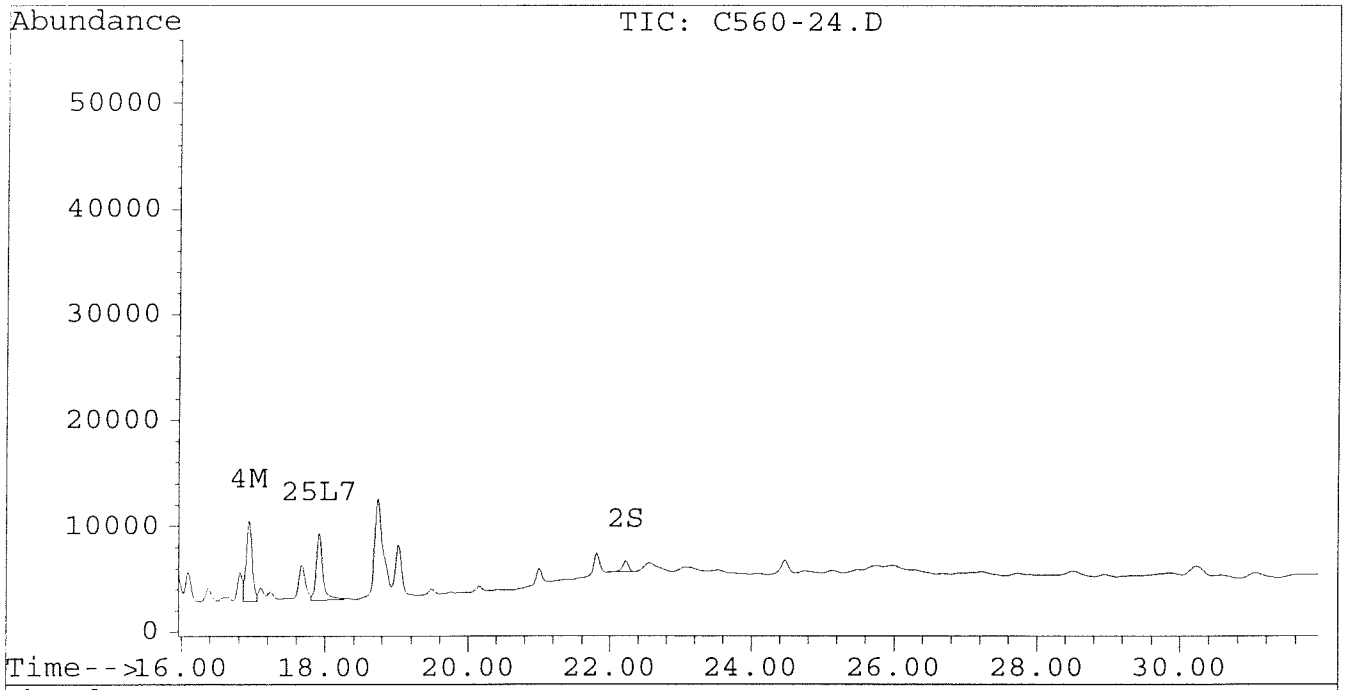


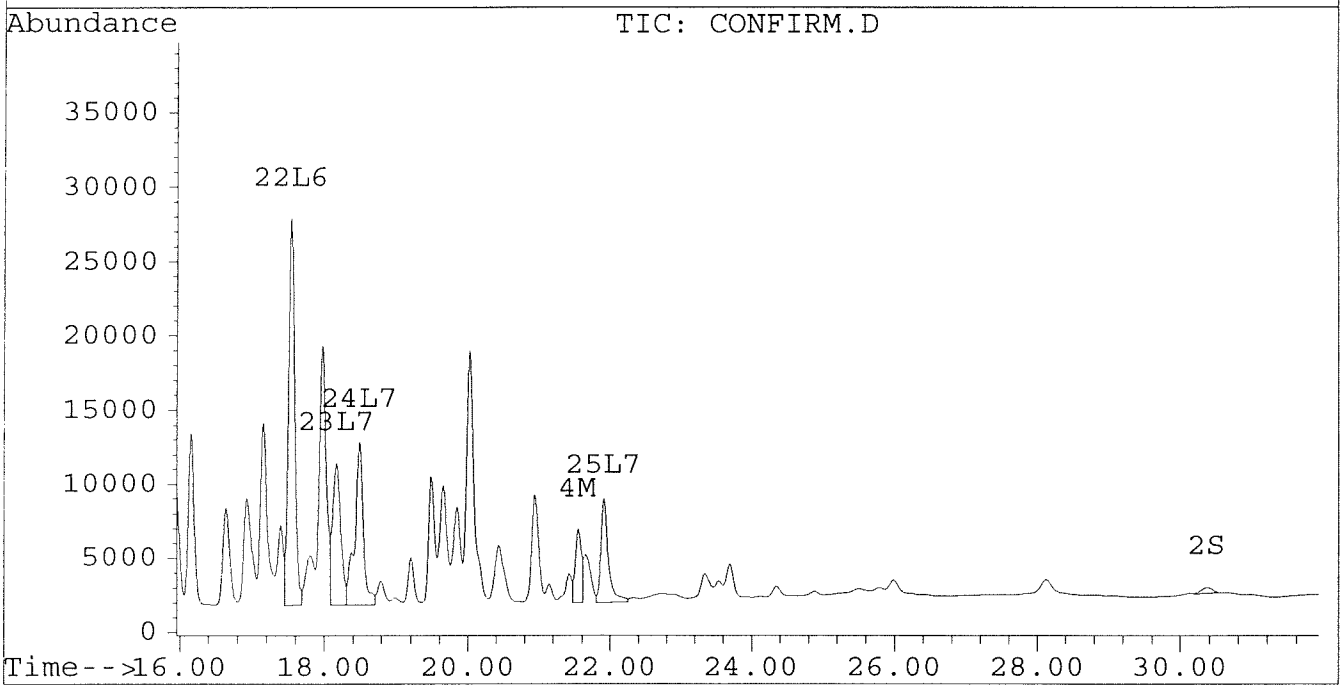
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-24.D Vial: 58
Signal #2 : D:\HPCHEM\5\JUN27A\C560-24.D\CONFIRM.D
Acq On : 29 Jun 96 03:58 AM Operator: JS
Sample : VHB / PV01:X03 1:10 DILUTION Inst : ECD1
Misc : 30.2G/10ML PCB ANALYSIS 1;10 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:32 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



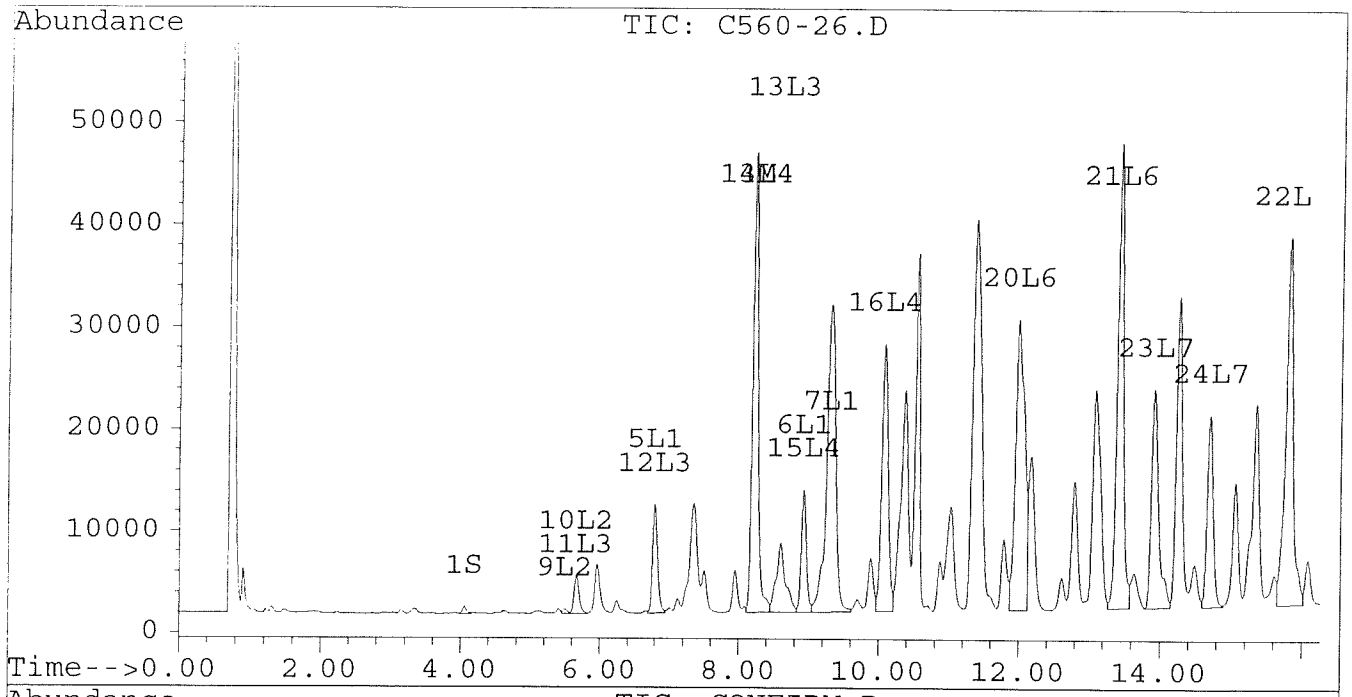


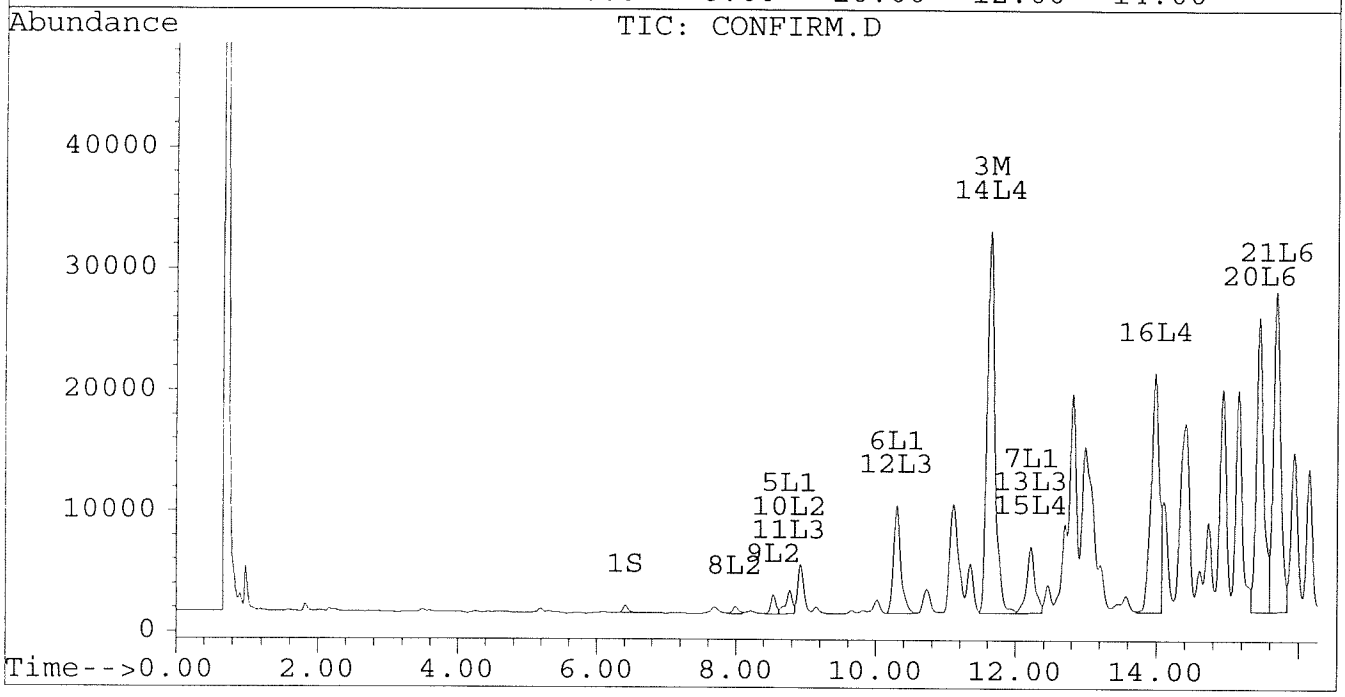
Signal #1 : D:\HPCHEM\5\JUN27A\C560-26.D
Signal #2 : D:\HPCHEM\5\JUN27A\C560-26.D\CONFIRM.D
Acq On : 29 Jun 96 04:33 AM
Sample : VHB / PJ7:L9 1:20 DILUTION
Misc : 30.1G/10ML PCB ANALYSIS
Quant Time: Jul 3 15:32 1996

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



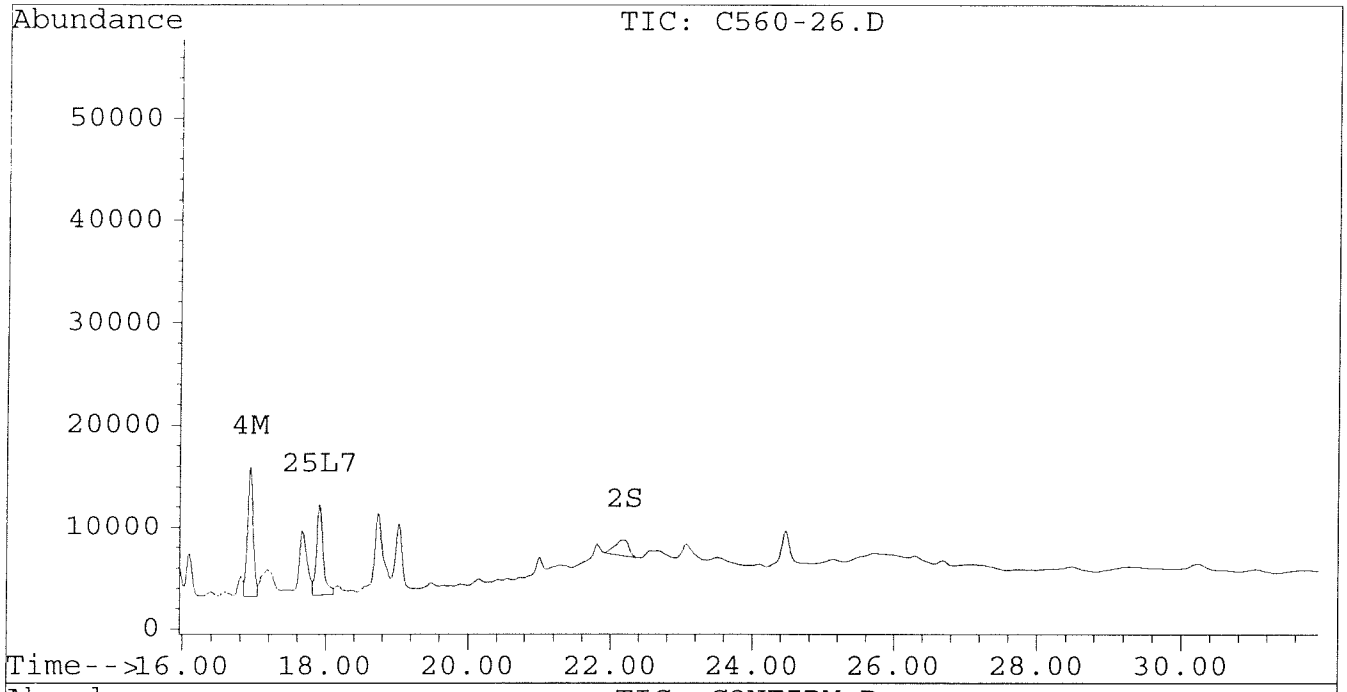


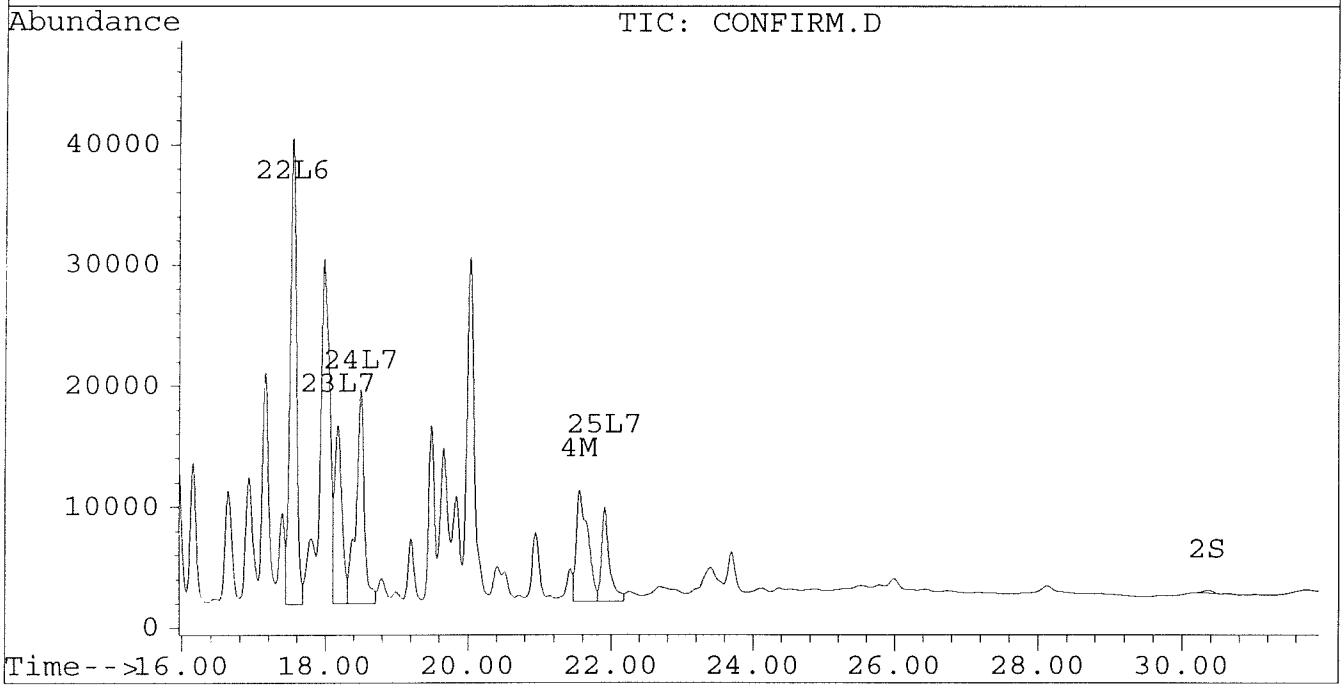
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-26.D Vial: 59
Signal #2 : D:\HPCHEM\5\JUN27A\C560-26.D\CONFIRM.D
Acq On : 29 Jun 96 04:33 AM Operator: JS
Sample : VHB / PJ7:L9 1:20 DILUTION Inst : ECD1
Misc : 30.1G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 3 15:32 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\JUN27A\C560-29.D Vial: 60
Signal #2 : D:\HPCHEM\5\JUN27A\C560-29.D\CONFIRM.D
Acq On : 29 Jun 96 05:09 AM Operator: JS
Sample : VHB / PS7:U9 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jul 3 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	709	539	0.003	0.003m
				Recovery	=	7.50%	7.50%
2) S	Decachlorobiphenyl	22.15f	30.36	1560	250	0.008m	0.003m#
				Recovery	=	20.00%	7.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	38616	26182	0.379	0.258 #
4) M	2,2',3,3',4,4'-Hexa	16.95	21.55	4920	2582	0.053	0.019 #
5) L1	Aroclor-1016	6.79	8.76	8369	1194	0.274	0.091 #
6) L1	Aroclor-1016 {2}	8.93	10.29	10622	7071	0.706	0.264 #
7) L1	Aroclor-1016 {3}	9.32	12.21	20780	4704	0.849	0.283 #
Total	Aroclor-1016			39770	12969	1.828	0.637
Average	Aroclor-1016					0.609	0.212
8) L2	Aroclor-1221	5.04	7.99	314	464	0.065	0.111 #
9) L2	Aroclor-1221 {2}	5.50	8.53	341	1261	0.084	0.375 #
10) L2	Aroclor-1221 {3}	5.66	8.76	2759	1194	0.199	0.116 #
Total	Aroclor-1221			3415	2919	0.348	0.602
Average	Aroclor-1221					0.116	0.201
11) L3	Aroclor-1232	5.66	8.76	2759	1194	0.230	0.132 #
12) L3	Aroclor-1232 {2}	6.79	10.29	8369	7071	0.960	0.944
13) L3	Aroclor-1232 {3}	8.60	12.21	5480	4704	1.044	1.097
Total	Aroclor-1232			16609	12969	2.233	2.173
Average	Aroclor-1232					0.744	0.724
14) L4	Aroclor-1242	8.21	11.63	38616	26182	1.028	0.897
15) L4	Aroclor-1242 {2}	8.93	12.21	10622	4704	0.959	0.374 #
16) L4	Aroclor-1242 {3}	10.07	13.98	17708	13709	1.210	1.098
Total	Aroclor-1242			66945	44595	3.197	2.369
Average	Aroclor-1242					1.066	0.790
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	15.24	0	62041	N.D.	4.761 #
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	62041	N.D.	4.761
Average	Aroclor-1248					0.000	4.761

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-29.D Vial: 60
Signal #2 : D:\HPCHEM\5\JUN27A\C560-29.D\CONFIRM.D
Acq On : 29 Jun 96 05:09 AM Operator: JS
Sample : VHB / PS7:U9 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jul 3 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	15.44	10018	9275	0.375	0.360
21) L6	Aroclor-1254	{2}	13.42	15.68	15017	9574	0.454	0.345
22) L6	Aroclor-1254	{3}	15.81	17.54	10670	12460	0.461	0.333 #
Total	Aroclor-1254				35705	31309	1.290	1.038
Average	Aroclor-1254						0.430	0.346
23) L7	Aroclor-1260		13.92	18.17	7241	5016	0.253	0.167 #
24) L7	Aroclor-1260	{2}	14.70	18.49	6224	5527	0.203	0.168
25) L7	Aroclor-1260	{3}	17.91	21.91	3477	2893	0.091	0.062 #
Total	Aroclor-1260				16942	13436	0.547	0.397
Average	Aroclor-1260						0.182	0.132
26) L8	Aroclor-1268		18.83	0.00	1457	0	NoCal	N.D.
27) L8	Aroclor-1268	{2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268	{3}	21.81	28.12	2918	646	NoCal	NoCal
Total	Aroclor-1268				0	0	N.D.	N.D.
Average	Aroclor-1268						0.000	0.000

$$\frac{0.397 + 0.374}{0.0305 \times .92 \times .666} \times 10 = 6901$$

$$\frac{0.345 + 0.333}{0.0305 \times .91 \times .666} \times 10 = 3628$$

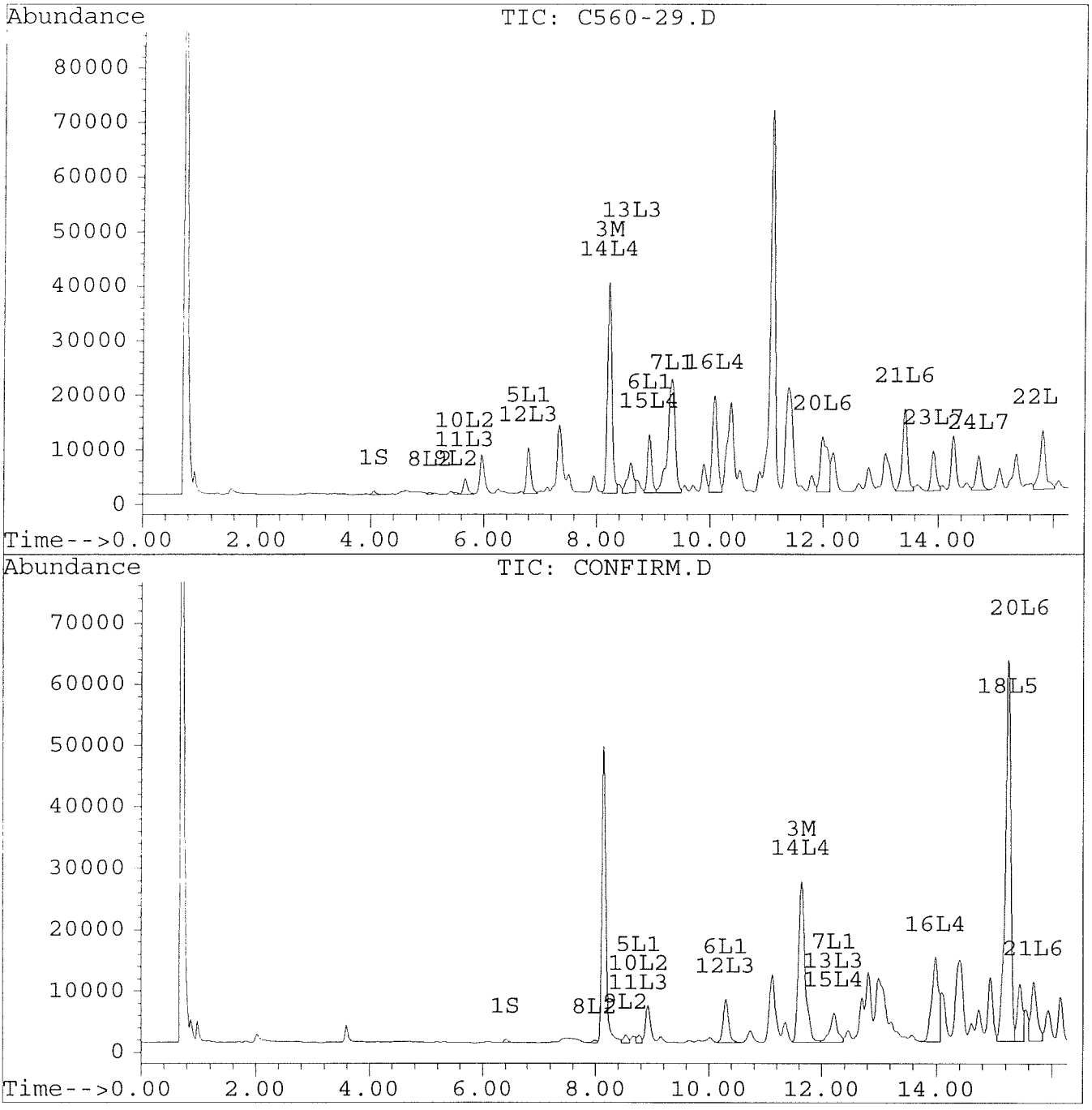
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-29.D Vial: 60
Signal #2 : D:\HPCHEM\5\JUN27A\C560-29.D\CONFIRM.D
Acq On : 29 Jun 96 05:09 AM Operator: JS
Sample : VHB / PS7:U9 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jul 3 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

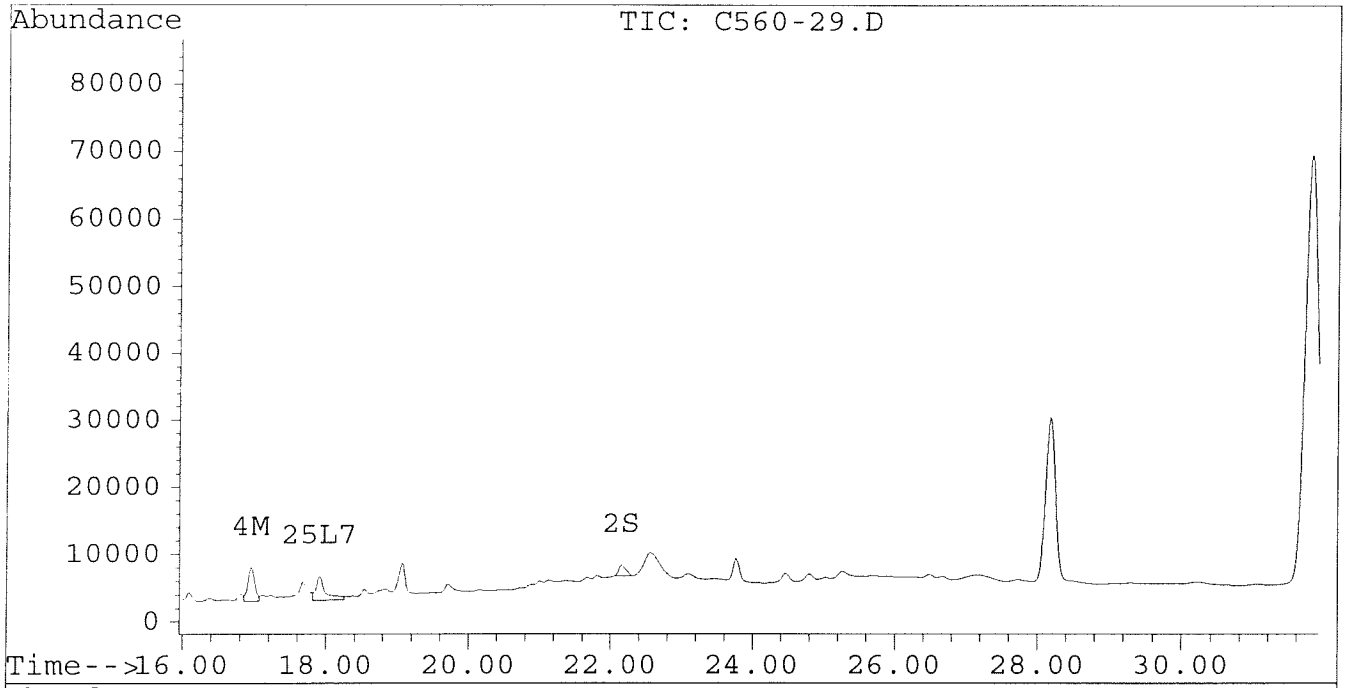


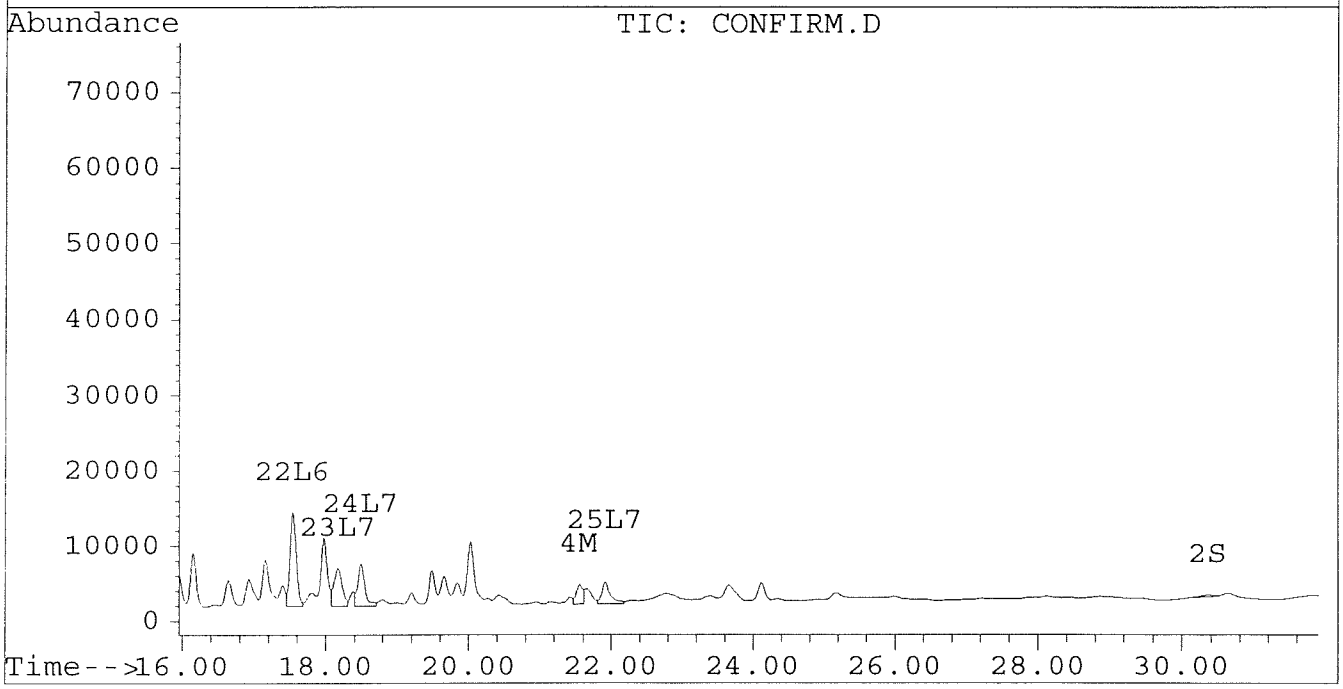
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-29.D Vial: 60
Signal #2 : D:\HPCHEM\5\JUN27A\C560-29.D\CONFIRM.D
Acq On : 29 Jun 96 05:09 AM Operator: JS
Sample : VHB / PS7:U9 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:10 DILUTION Multiplr: 1.00
Quant Time: Jul 3 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\JUN27A\C560-32.D Vial: 64
Signal #2 : D:\HPCHEM\5\JUN27A\C560-32.D\CONFIRM.D
Acq On : 29 Jun 96 07:31 AM Operator: JS
Sample : VHB / PV07:X09 1:2 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:2 DILUTION Multiplr: 1.00
Quant Time: Jul 3 14:16 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	4501	3849	0.020	0.021
				Recovery	=	50.00%	52.50%
2) S	Decachlorobiphenyl	22.22	30.36	4734	2661	0.023m	0.033m#
				Recovery	=	57.50%	82.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.64	37987	23220	0.373	0.229 #
4) M	2,2',3,3',4,4'-Hexa	16.94	21.55	3224	2117	0.035	0.016 #
5) L1	Aroclor-1016	6.79	0.00	6382	0	0.209	N.D. #
6) L1	Aroclor-1016 {2}	8.93	10.29	8985	5285	0.597	0.197 #
7) L1	Aroclor-1016 {3}	9.32	12.19f	18653	4863	0.762	0.292 #
Total	Aroclor-1016			34020	10148	1.568	0.489
Average	Aroclor-1016					0.523	0.245
8) L2	Aroclor-1221	0.00	7.99	0	859	N.D.	0.205 #
9) L2	Aroclor-1221 {2}	0.00	8.53	0	1151	N.D.	0.342 #
10) L2	Aroclor-1221 {3}	5.67	0.00	3564	0	0.257	N.D. #
Total	Aroclor-1221			3564	2010	0.257	0.547
Average	Aroclor-1221					0.257	0.273
11) L3	Aroclor-1232	5.67	0.00	3564	0	0.297	N.D. #
12) L3	Aroclor-1232 {2}	6.79	10.29	6382	5285	0.732	0.706
13) L3	Aroclor-1232 {3}	8.60	12.19	3825	4863	0.728	1.134 #
Total	Aroclor-1232			13771	10148	1.757	1.840
Average	Aroclor-1232					0.586	0.920
14) L4	Aroclor-1242	8.22	11.64	37987	23220	1.012	0.796
15) L4	Aroclor-1242 {2}	8.93	12.19	8985	4863	0.811	0.386 #
16) L4	Aroclor-1242 {3}	10.07	13.98	16556	12808	1.131	1.026
Total	Aroclor-1242			63528	40891	2.954	2.208
Average	Aroclor-1242					0.985	0.736
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\C560-32.D Vial: 64
Signal #2 : D:\HPCHEM\5\JUN27A\C560-32.D\CONFIRM.D
Acq On : 29 Jun 96 07:31 AM Operator: JS
Sample : VHB / PV07:X09 1:2 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:2 DILUTION Multiplr: 1.00
Quant Time: Jul 3 14:16 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	8329	8049	0.312	0.313
21)	L6 Aroclor-1254	{2}	13.42	15.68	12846	8285	0.388	0.299
22)	L6 Aroclor-1254	{3}	15.81	17.54	8751	11673	0.378	0.312
	Total Aroclor-1254				29926	28008	1.078	0.923
	Average Aroclor-1254						0.359	0.308
23)	L7 Aroclor-1260		13.92	18.17	6530	5132	0.228	0.171 #
24)	L7 Aroclor-1260	{2}	14.70	18.49	5639	4930	0.184	0.150
25)	L7 Aroclor-1260	{3}	17.91	21.91	2901	2780	0.076	0.060
	Total Aroclor-1260				15071	12842	0.488	0.380
	Average Aroclor-1260						0.163	0.127
26)	L8 Aroclor-1268		0.00	23.36f	0	878	N.D.	NoCal
27)	L8 Aroclor-1268	{2}	19.03	23.52	2001	618	NoCal	NoCal
28)	L8 Aroclor-1268	{3}	21.81	28.11	1988	494	NoCal	NoCal
	Total Aroclor-1268				0	0	N.D.	N.D.
	Average Aroclor-1268						0.000	0.000

$$\frac{0.796 + 0.336}{\frac{1.132 \times 10}{0.0305 \times .92 \times .666}} = 632 \times 2 = 1264 \rightarrow 1300$$

$$\frac{0.299 + 0.312}{\frac{0.611 \times 10}{0.0305 \times .92 \times .666}} = 326 \times 2 = 653 \rightarrow 650$$

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-33.D Vial: 65
Signal #2 : D:\HPCHEM\5\JUN27A\C560-33.D\CONFIRM.D
Acq On : 29 Jun 96 08:06 AM Operator: JS
Sample : VHB / DV07:X09 Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 3 14:17 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	4.05	6.41	9652	7716	0.042	0.041m
				Recovery	=	105.00%	102.50%
2)	S Decachlorobiphenyl	22.22	30.36	8825	3912	0.044m	0.048m
				Recovery	=	110.00%	120.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.21	11.64	53794	34526	0.528	0.341 #
4)	M 2,2',3,3',4,4'-Hexa	16.93	21.56	5757	3875	0.062	0.029 #
5)	L1 Aroclor-1016	6.79	0.00	8558	0	0.280	N.D. #
6)	L1 Aroclor-1016 {2}	8.93	10.29	13167	7148	0.875	0.266 #
7)	L1 Aroclor-1016 {3}	9.32	12.20	26243	6287	1.072	0.378 #
	Total Aroclor-1016			47968	13435	2.227	0.644
	Average Aroclor-1016					0.742	0.322
8)	L2 Aroclor-1221	0.00	7.99	0	1503	N.D.	0.358 #
9)	L2 Aroclor-1221 {2}	0.00	8.53	0	2136	N.D.	0.635 #
10)	L2 Aroclor-1221 {3}	5.66	0.00	5371	0	0.387	N.D. #
	Total Aroclor-1221			5371	3639	0.387	0.993
	Average Aroclor-1221					0.387	0.497
11)	L3 Aroclor-1232	5.66	0.00	5371	0	0.447	N.D. #
12)	L3 Aroclor-1232 {2}	6.79	10.29	8558	7148	0.982	0.955
13)	L3 Aroclor-1232 {3}	8.60	12.20	5653	6287	1.076	1.466 #
	Total Aroclor-1232			19581	13435	2.505	2.421
	Average Aroclor-1232					0.835	1.211
14)	L4 Aroclor-1242	8.21	11.64	53794	34526	1.433	1.183
15)	L4 Aroclor-1242 {2}	8.93	12.20	13167	6287	1.189	0.500 /#
16)	L4 Aroclor-1242 {3}	10.07	13.98	22979	18461	1.570	1.479
	Total Aroclor-1242			89940	59274	4.191	3.162
	Average Aroclor-1242					1.397	1.054
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\C560-33.D Vial: 65
Signal #2 : D:\HPCHEM\5\JUN27A\C560-33.D\CONFIRM.D
Acq On : 29 Jun 96 08:06 AM Operator: JS
Sample : VHB / DV07:X09 Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 3 14:17 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
20) L6	Aroclor-1254		11.98	15.44	13235	12046	0.495	0.468
21) L6	Aroclor-1254	{2}	13.42	15.68	21429	12802	0.648	0.461 #
22) L6	Aroclor-1254	{3}	15.81	17.54	15588	19164	0.674	0.513
Total	Aroclor-1254				50252	44012	1.816	1.442
Average	Aroclor-1254						0.605	0.481
23) L7	Aroclor-1260		13.91	18.17	10801	8108	0.377	0.270 #
24) L7	Aroclor-1260	{2}	14.70	18.49	9077	8133	0.296	0.247
25) L7	Aroclor-1260	{3}	17.91	21.91	5405	5177	0.142	0.111
Total	Aroclor-1260				25283	21419	0.815	0.628
Average	Aroclor-1260						0.272	0.209
26) L8	Aroclor-1268		18.85	23.36f	1246	1466	NoCal	NoCal
27) L8	Aroclor-1268	{2}	19.02	23.52	3673	1033	NoCal	NoCal
28) L8	Aroclor-1268	{3}	21.80	28.12	2850	708	NoCal	NoCal
Total	Aroclor-1268				0	0	N.D.	N.D.
Average	Aroclor-1268						0.000	0.000

$$\frac{1.193}{0.500} \quad \frac{1.683 \times 10}{0.0305 \times 92 \times .666} = 900$$

$$\frac{0.461}{0.513} \quad \frac{0.974 \times 10}{0.0305 \times .92 \times .666} = 521$$

520

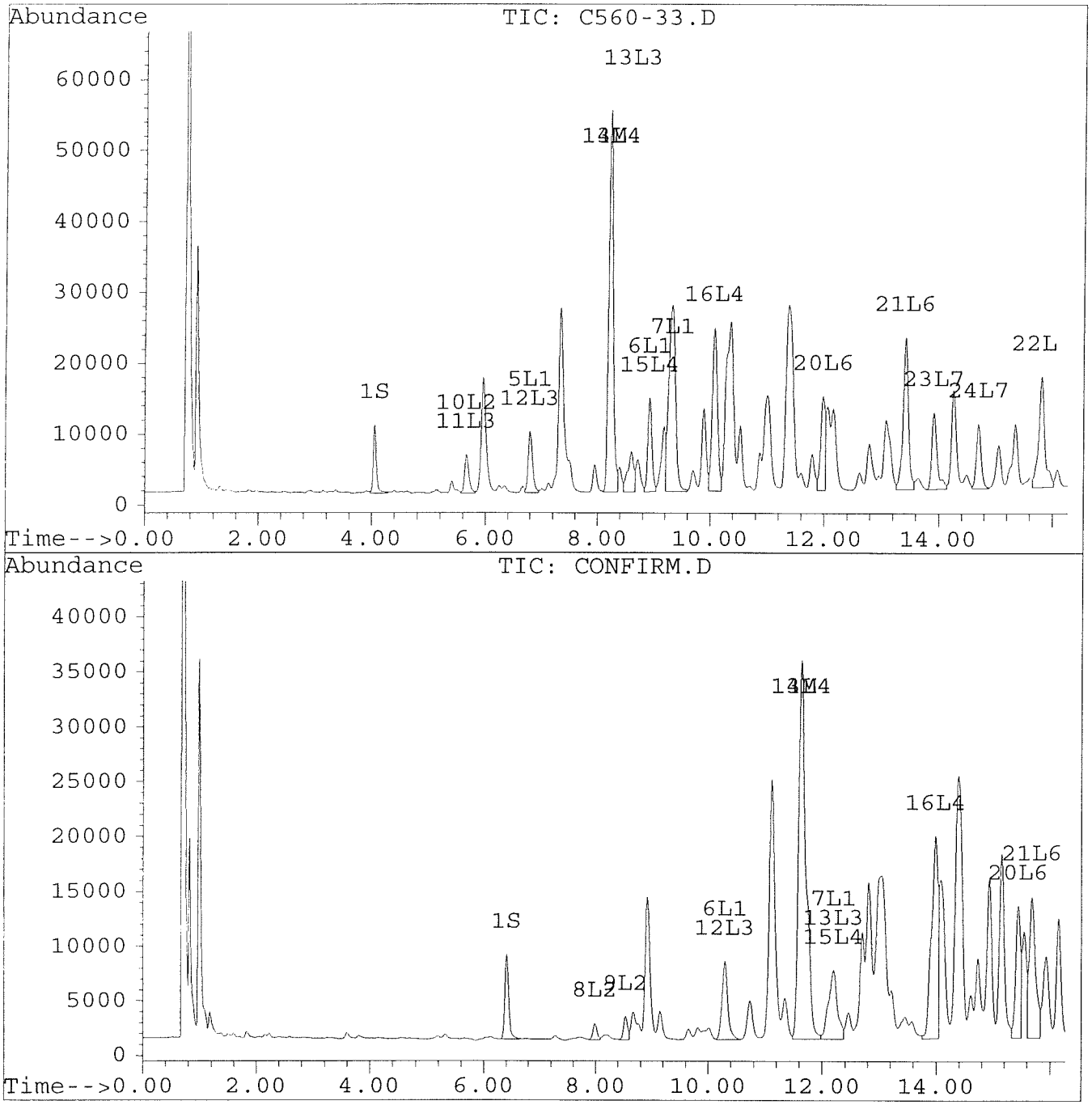
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-33.D Vial: 65
Signal #2 : D:\HPCHEM\5\JUN27A\C560-33.D\CONFIRM.D
Acq On : 29 Jun 96 08:06 AM Operator: JS
Sample : VHB / DV07:X09 Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 3 14:17 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

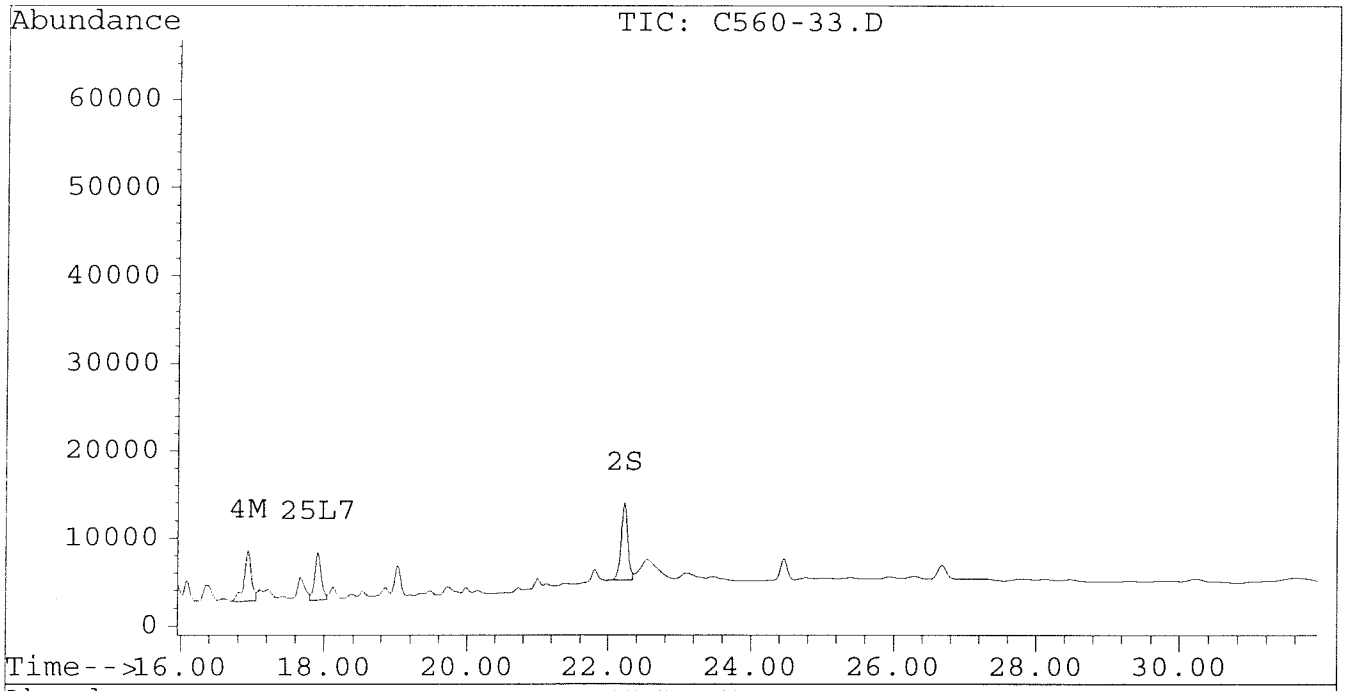


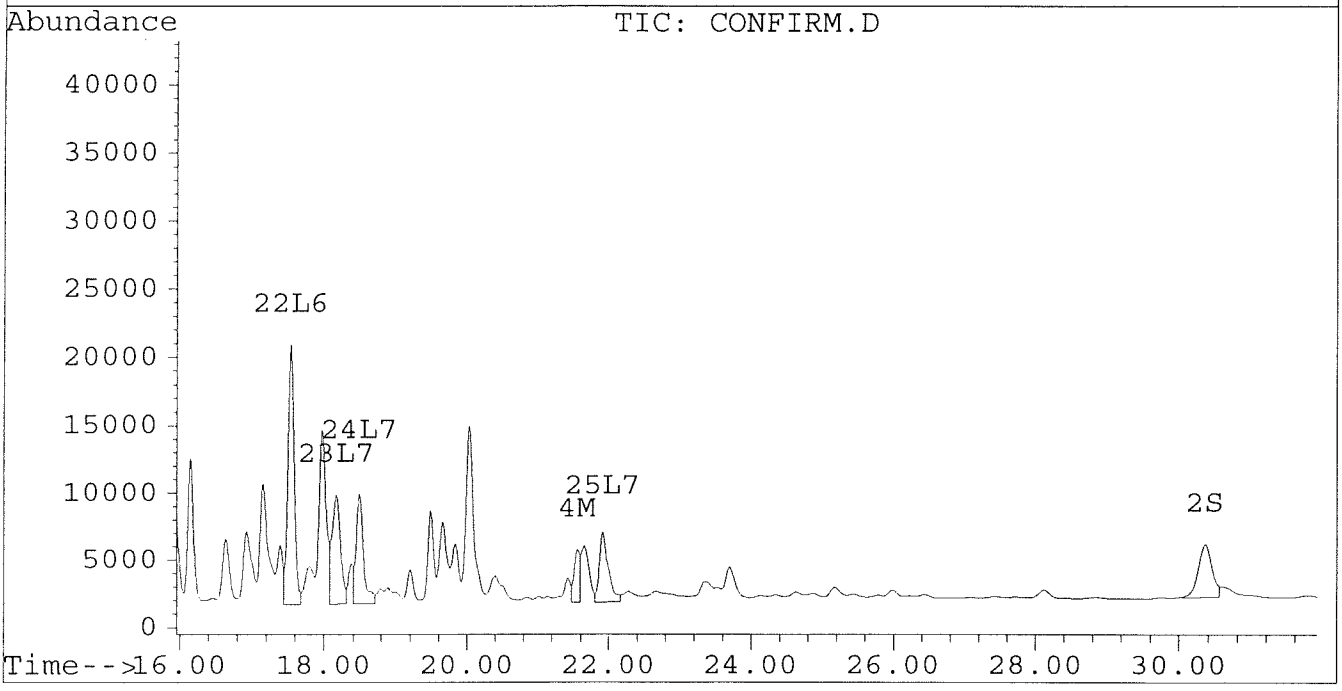
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-33.D Vial: 65
Signal #2 : D:\HPCHEM\5\JUN27A\C560-33.D\CONFIRM.D
Acq On : 29 Jun 96 08:06 AM Operator: JS
Sample : VHB / DV07:X09 Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 3 14:17 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\JUN27A\C560-44.D Vial: 67
Signal #2 : D:\HPCHEM\5\JUN27A\C560-44.D\CONFIRM.D
Acq On : 29 Jun 96 09:18 AM Operator: JS
Sample : VHB / PP07:R09 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:36 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	3158	2539	0.014	0.014m
				Recovery	=	35.00%	35.00%
2) S	Decachlorobiphenyl	22.22	30.35	5342	1991	0.026m	0.024m
				Recovery	=	65.00%	60.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	40246	28295	0.395	0.279 #
4) M	2,2',3,3',4,4'-Hexa	16.93	21.55	5810	4090	0.063	0.030 #
5) L1	Aroclor-1016	6.79	8.76	8975	1517	0.294	0.115 #
6) L1	Aroclor-1016 {2}	8.92	10.29	10645	7465	0.707	0.278 #
7) L1	Aroclor-1016 {3}	9.31	12.21	22614	5417	0.923	0.326 #
Total	Aroclor-1016			42234	14399	1.924	0.719
Average	Aroclor-1016					0.641	0.240
8) L2	Aroclor-1221	0.00	7.99	0	1147	N.D.	0.274 #
9) L2	Aroclor-1221 {2}	5.49	8.53	489	4010	0.120	1.192 #
10) L2	Aroclor-1221 {3}	5.65	8.76	6076	1517	0.438	0.148 #
Total	Aroclor-1221			6565	6675	0.558	1.614
Average	Aroclor-1221					0.279	0.538
11) L3	Aroclor-1232	5.65	8.76	6076	1517	0.506	0.167 #
12) L3	Aroclor-1232 {2}	6.79	10.29	8975	7465	1.029	0.997
13) L3	Aroclor-1232 {3}	8.60	12.21	5550	5417	1.057	1.263
Total	Aroclor-1232			20601	14399	2.592	2.428
Average	Aroclor-1232					0.864	0.809
14) L4	Aroclor-1242	8.21	11.63	40246	28295	1.072	0.970
15) L4	Aroclor-1242 {2}	8.92	12.21	10645	5417	0.961	0.430 #
16) L4	Aroclor-1242 {3}	10.07	13.98	19793	15331	1.352	1.228
Total	Aroclor-1242			70684	49043	3.385	2.628
Average	Aroclor-1242					1.128	0.876
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.

Signal #1 : D:\HPCHEM\5\JUN27A\C560-44.D Vial: 67
Signal #2 : D:\HPCHEM\5\JUN27A\C560-44.D\CONFIRM.D
Acq On : 29 Jun 96 09:18 AM Operator: JS
Sample : VHB / PR07:R09 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:36 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	15186	13034	0.568	0.506
21) L6	Aroclor-1254	{2}	13.42	15.68	23472	14373	0.709	0.518 #
22) L6	Aroclor-1254	{3}	15.81	17.54	17217	21021	0.744	0.562
Total	Aroclor-1254				55875	48428	2.022	1.586
Average	Aroclor-1254						0.674	0.529
23) L7	Aroclor-1260		13.91	18.17	11123	7535	0.389	0.251 #
24) L7	Aroclor-1260	{2}	0.00	18.49	0	8774	N.D.	0.266 #
25) L7	Aroclor-1260	{3}	17.91	21.91	4968	3852	0.131	0.083 #
Total	Aroclor-1260				16092	20161	0.519	0.600
Average	Aroclor-1260						0.260	0.200
26) L8	Aroclor-1268		18.85	23.36f	1625	1480	NoCal	NoCal
27) L8	Aroclor-1268	{2}	19.02	23.52	3318	977	NoCal	NoCal
28) L8	Aroclor-1268	{3}	21.80	28.11	5014	1682	NoCal	NoCal
Total	Aroclor-1268				0	0	N.D.	N.D.
Average	Aroclor-1268						0.000	0.000

$\frac{.970}{.430} \times \frac{1.400 \times 10}{0.0365 \times .92 \times .666} \times 3 = 2247$

$\frac{0.519}{0.562} \times \frac{1.090 \times 10}{0.0305 \times .93 \times .666} \times 3 = 1733$

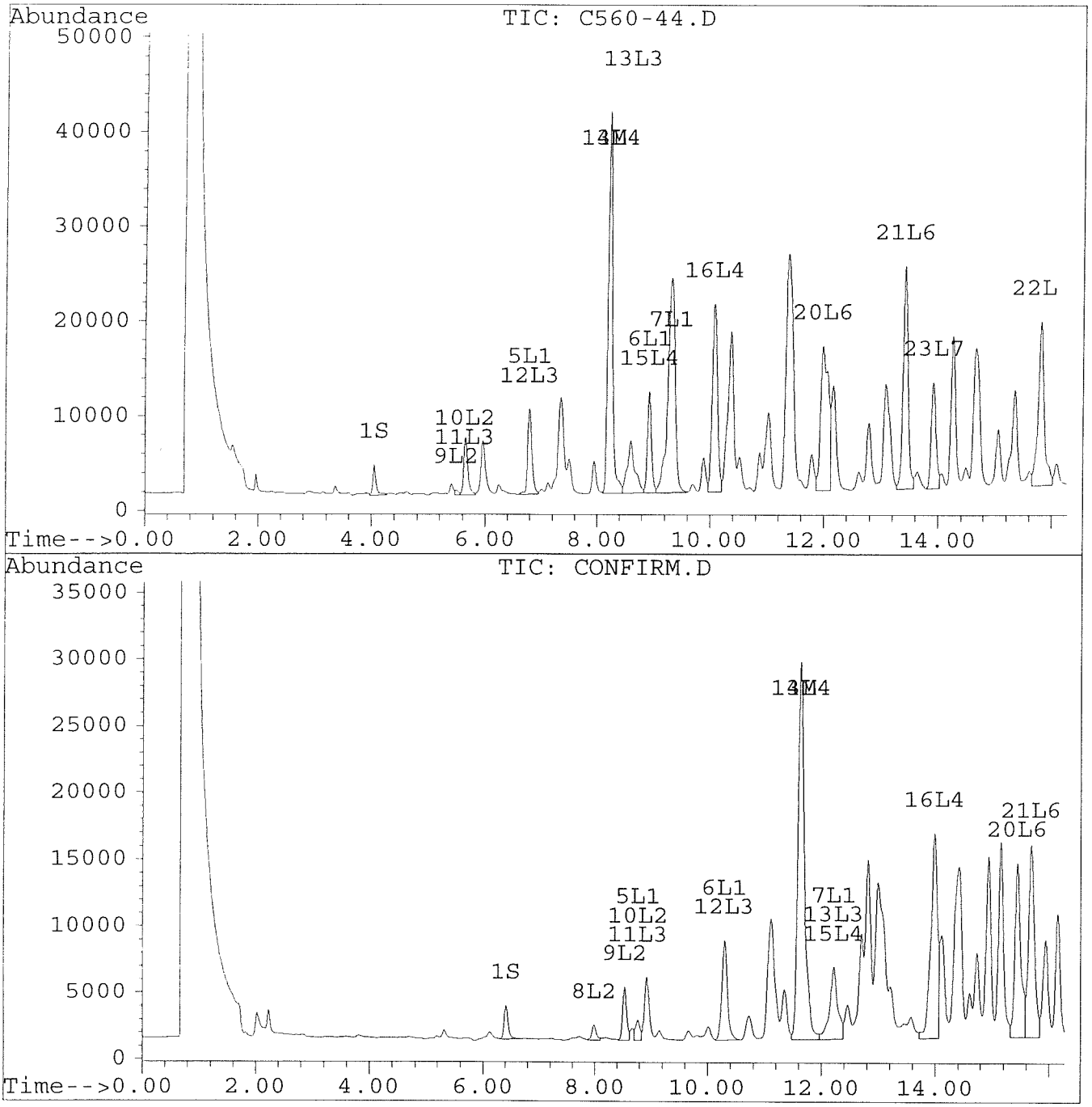
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-44.D Vial: 67
Signal #2 : D:\HPCHEM\5\JUN27A\C560-44.D\CONFIRM.D
Acq On : 29 Jun 96 09:18 AM Operator: JS
Sample : VHB / PP07:R09 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:36 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

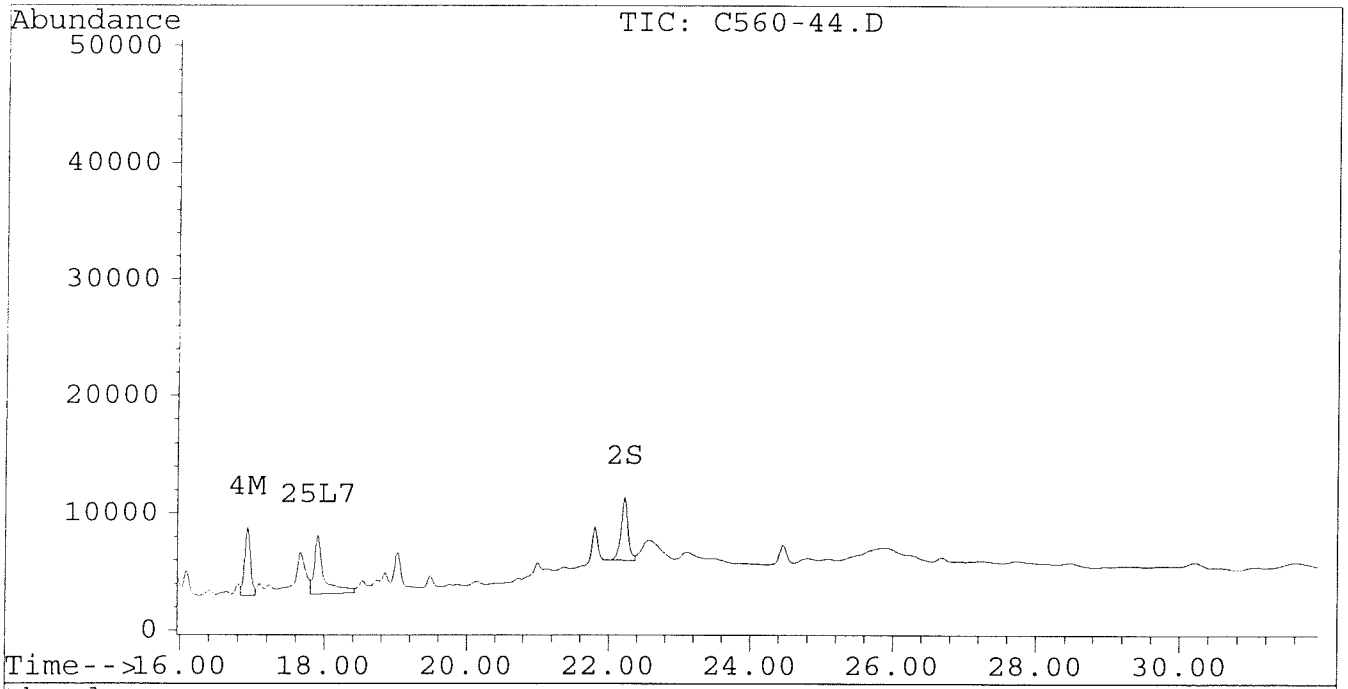


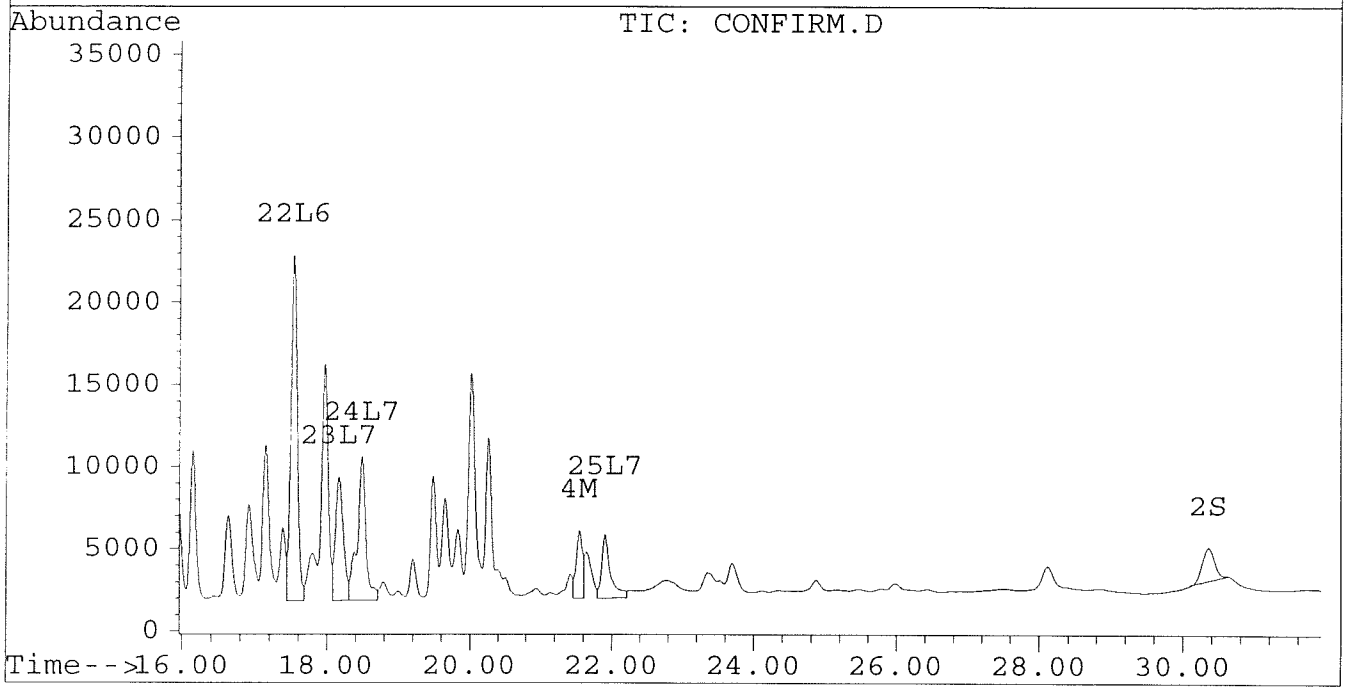
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-44.D Vial: 67
Signal #2 : D:\HPCHEM\5\JUN27A\C560-44.D\CONFIRM.D
Acq On : 29 Jun 96 09:18 AM Operator: JS
Sample : VHB / PP07:R09 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:36 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\C560-47.D Vial: 66
Signal #2 : D:\HPCHEM\5\JUN27A\C560-47.D\CONFIRM.D
Acq On : 29 Jun 96 08:42 AM Operator: JS
Sample : VHB / PG7:I9 1:5 DILUTION Inst : ECD1
Misc : 30.3G/10ML PCB ANALYSIS 1:5 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:37 1996

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

Volume Inj. : 2.0 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	1563	1355	0.007	0.007
				Recovery	=	17.50%	17.50%
2) S	Decachlorobiphenyl	22.22	30.36	3592	549	0.018	0.007m#
				Recovery	=	45.00%	17.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	43922	29866	0.431	0.295 #
4) M	2,2',3,3',4,4'-Hexa	16.93	21.55	8701	6073	0.094	0.045 #
5) L1	Aroclor-1016	6.79	8.76	9873	1898	0.323	0.144 #
6) L1	Aroclor-1016 {2}	8.92	10.29	11903	8346	0.791	0.311 #
7) L1	Aroclor-1016 {3}	9.31	12.21	26428	5437	1.079	0.327 #
Total	Aroclor-1016			48203	15681	2.193	0.782
Average	Aroclor-1016					0.731	0.261
8) L2	Aroclor-1221	5.08	7.99	228	591	0.047	0.141 #
9) L2	Aroclor-1221 {2}	5.50	8.53	454	1663	0.112	0.495 #
10) L2	Aroclor-1221 {3}	5.66	8.76	4121	1898	0.297	0.185 #
Total	Aroclor-1221			4803	4153	0.456	0.820
Average	Aroclor-1221					0.152	0.273
11) L3	Aroclor-1232	5.66	8.76	4121	1898	0.343	0.209 #
12) L3	Aroclor-1232 {2}	6.79	10.29	9873	8346	1.132	1.115
13) L3	Aroclor-1232 {3}	8.60	12.21	6182	5437	1.177	1.268
Total	Aroclor-1232			20176	15681	2.653	2.592
Average	Aroclor-1232					0.884	0.864
14) L4	Aroclor-1242	8.21	11.63	43922	29866	1.170	1.024
15) L4	Aroclor-1242 {2}	8.92	12.21	11903	5437	1.074	0.432 #
16) L4	Aroclor-1242 {3}	10.07	13.98	23286	17553	1.591	1.406
Total	Aroclor-1242			79110	52855	3.835	2.862
Average	Aroclor-1242					1.278	0.954
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\C560-47.D Vial: 66
Signal #2 : D:\HPCHEM\5\JUN27A\C560-47.D\CONFIRM.D
Acq On : 29 Jun 96 08:42 AM Operator: JS
Sample : VHB / PG7:I9 1:5 DILUTION Inst : ECD1
Misc : 30.3G/10ML PCB ANALYSIS 1:5 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:37 1996

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

Volume Inj. : 2.0 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	21045	17713	0.787	0.688
21) L6	Aroclor-1254 {2}	13.42	15.68	32896	19453	0.994	0.701 #
22) L6	Aroclor-1254 {3}	15.81	17.54	25477	30000	1.101	0.803 #
Total	Aroclor-1254			79418	67166	2.882	2.191
Average	Aroclor-1254					0.961	0.730
23) L7	Aroclor-1260	0.00	18.17	0	10832	N.D.	0.361 #
24) L7	Aroclor-1260 {2}	14.70	18.49	14052	12759	0.458	0.387
25) L7	Aroclor-1260 {3}	17.91	21.91	7085	5607	0.186	0.120 #
Total	Aroclor-1260			21137	29198	0.644	0.868
Average	Aroclor-1260					0.322	0.289
26) L8	Aroclor-1268	18.84	0.00	1426	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.02	0.00	4466	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.81	28.11	2433	552	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

$\frac{1.024}{0.43 \times} \quad \frac{1.456 \times 10}{0.0303 \times .91 \times .666} \times 5 = 3964 \rightarrow 4000$

$\frac{0.701}{0.803} \quad \frac{1.504 \times 10}{0.0303 \times .91 \times .666} \times 5 = 4695 \rightarrow 4100$

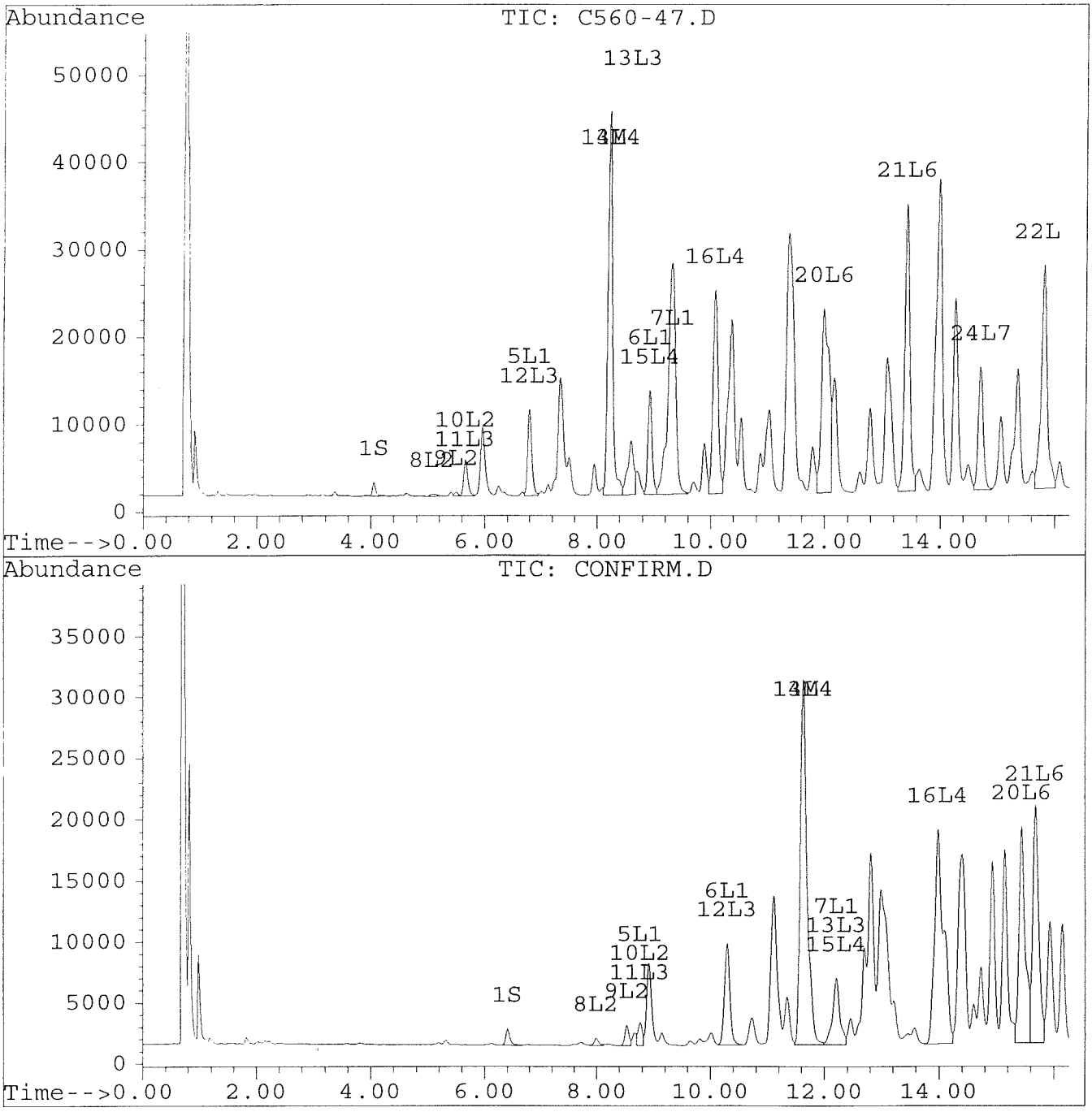
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-47.D Vial: 66
Signal #2 : D:\HPCHEM\5\JUN27A\C560-47.D\CONFIRM.D
Acq On : 29 Jun 96 08:42 AM Operator: JS
Sample : VHB / PG7:I9 1:5 DILUTION Inst : ECD1
Misc : 30.3G/10ML PCB ANALYSIS 1:5 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:37 1996

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

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

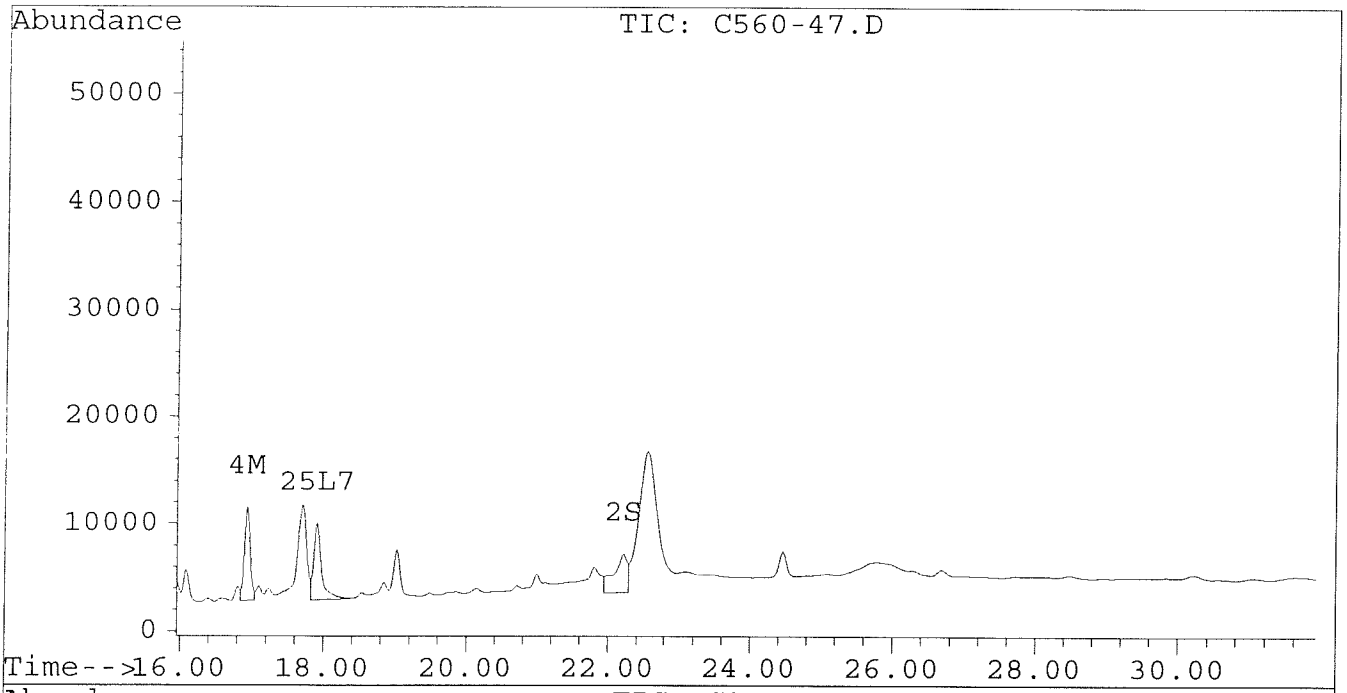


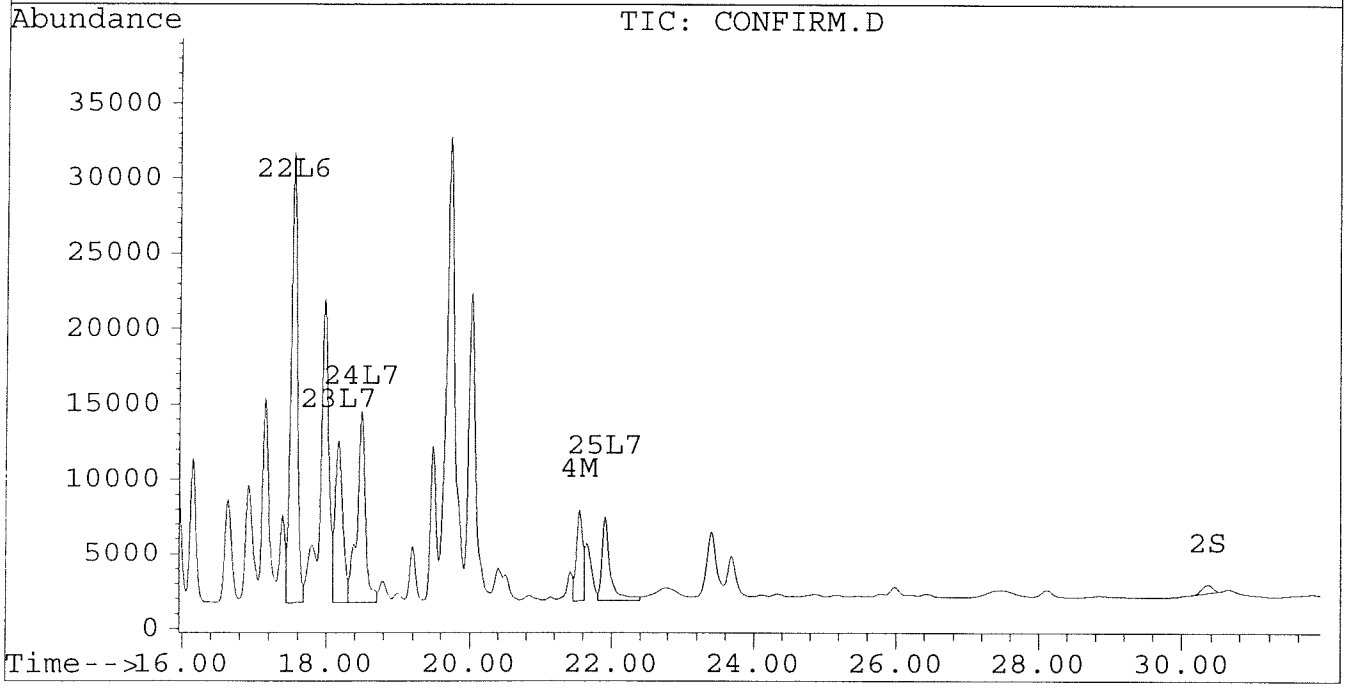
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-47.D Vial: 66
Signal #2 : D:\HPCHEM\5\JUN27A\C560-47.D\CONFIRM.D
Acq On : 29 Jun 96 08:42 AM Operator: JS
Sample : VHB / PG7:I9 1:5 DILUTION Inst : ECD1
Misc : 30.3G/10ML PCB ANALYSIS 1:5 DILUTION Multiplr: 1.00
Quant Time: Jul 3 15:37 1996

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

Volume Inj. : 2.0 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\P0620-B1.D Vial: 43
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-B1.D\CONFIRM.D
Acq On : 28 Jun 96 07:05 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 19:39 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	10474	8245	0.046	0.044
					Recovery	=	115.00%	110.00%
2)	S	Decachlorobiphenyl	22.23	30.36	8976	3225	0.044	0.039
					Recovery	=	110.00%	97.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4)	M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1016			0	0	N.D.	N.D.
		Average Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	5.02f	0.00	20	0	0.004	N.D. #
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1221			20	0	0.004	N.D.
		Average Aroclor-1221					0.004	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\JUN27A\P0620-B1.D Vial: 43
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-B1.D\CONFIRM.D
Acq On : 28 Jun 96 07:05 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 19:39 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	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}	21.82	28.13	1703	18	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

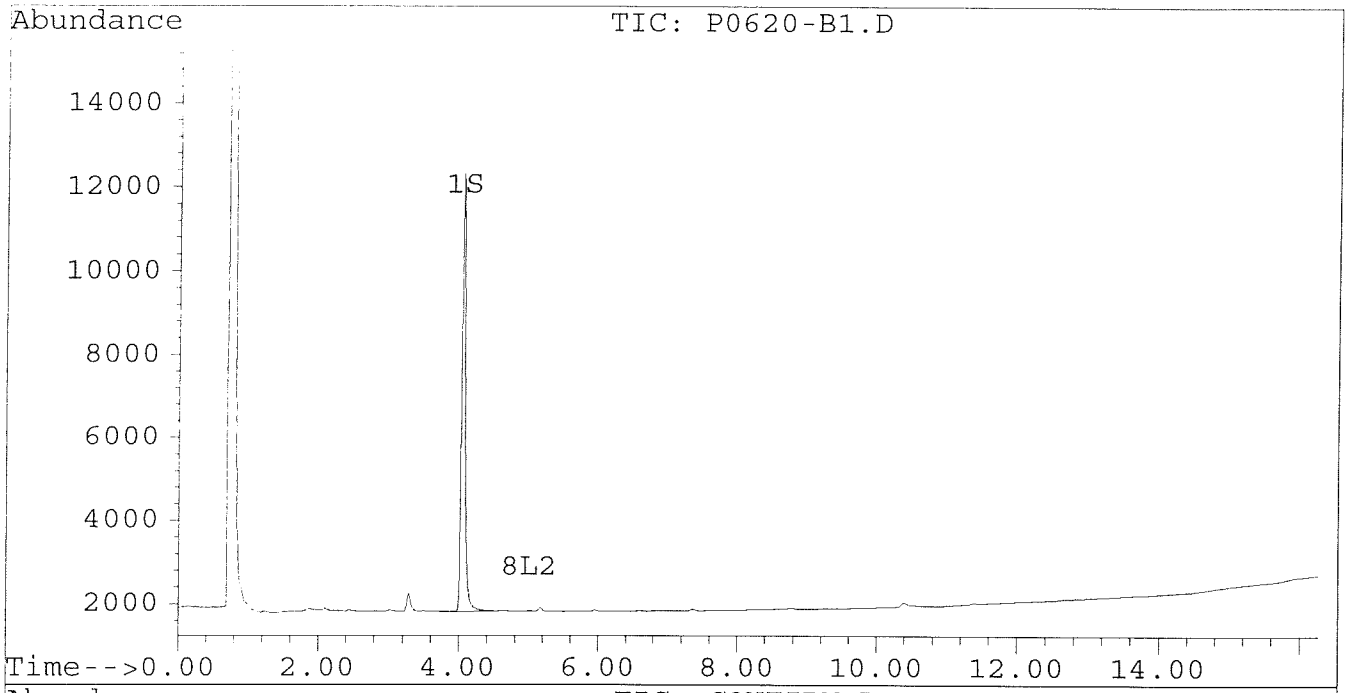
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

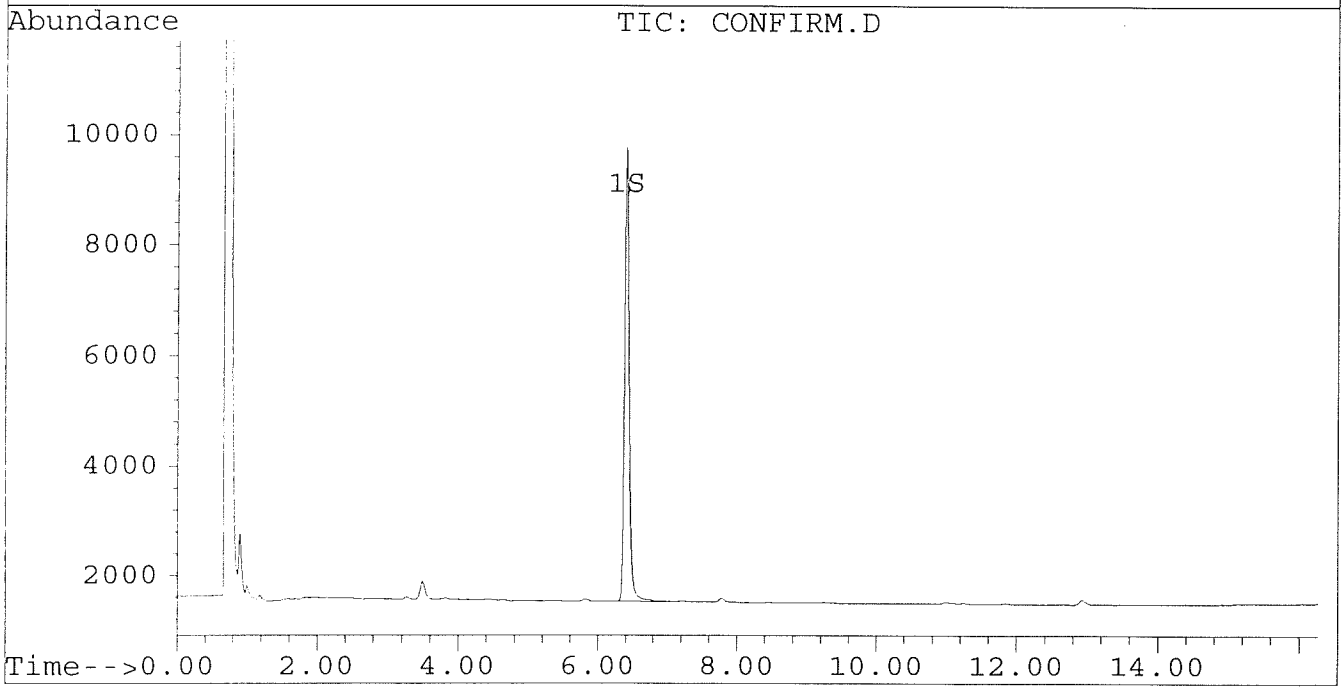
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\P0620-B1.D Vial: 43
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-B1.D\CONFIRM.D
Acq On : 28 Jun 96 07:05 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 19:39 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





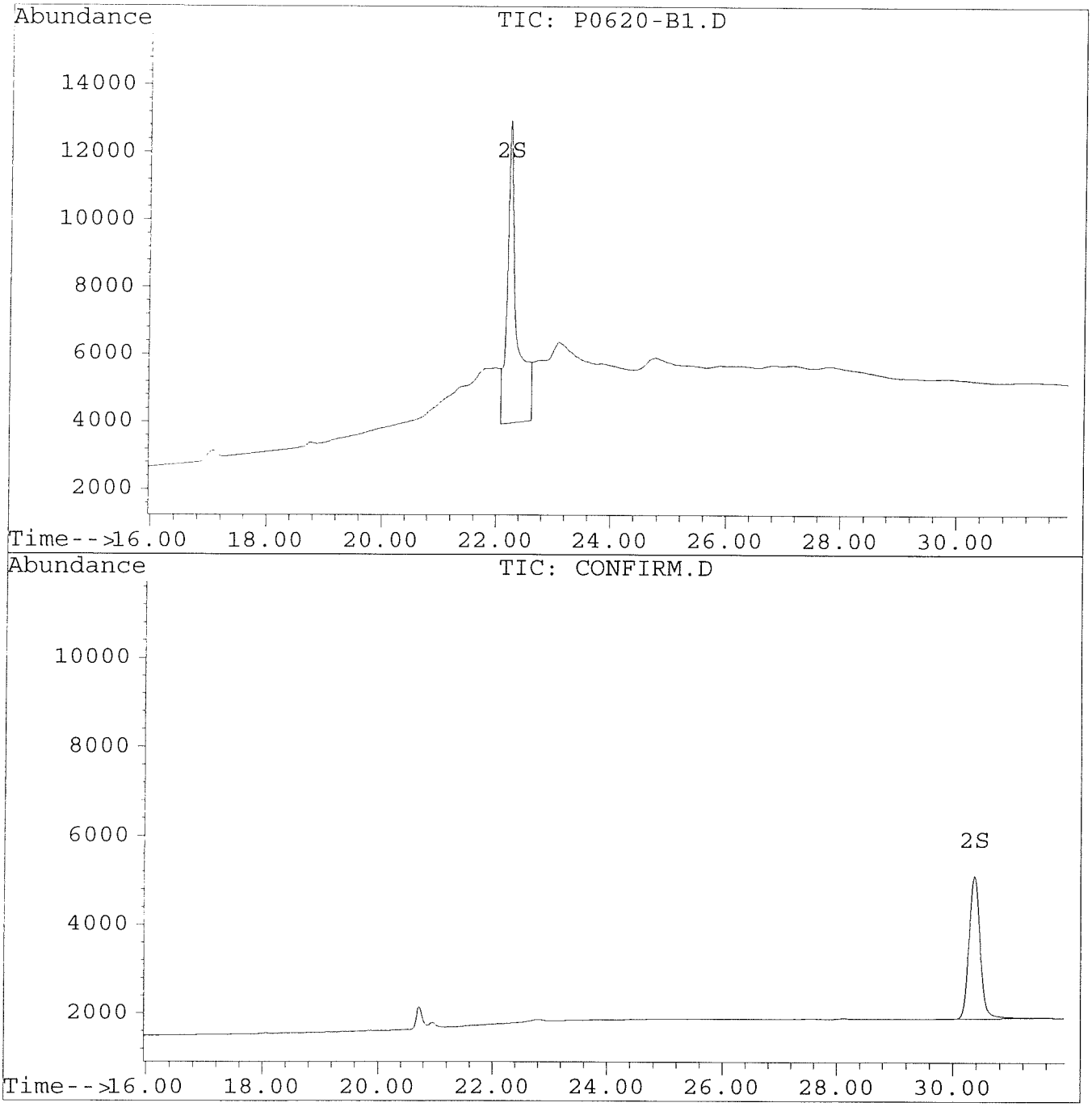
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\P0620-B1.D
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-B1.D\CONFIRM.D
Acq On : 28 Jun 96 07:05 PM
Sample : SOIL METHOD BLANK
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Jun 28 19:39 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\JUN27A\P0620-L1.D Vial: 44
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-L1.D\CONFIRM.D
Acq On : 28 Jun 96 07:41 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 20:14 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						no surr added
1)	S Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.	N.D.
				Recovery	=	0.00%	0.00%
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	8.21	11.64	22270	20958	0.219	0.207 10%
4)	M 2,2',3,3',4,4'-Hexa	16.96	21.55	25227	30477	0.273	0.227 11%
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	5.06	7.98	28	23	0.006	0.006
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			28	23	0.006	0.006
	Average Aroclor-1221					0.006	0.006
11)	L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1232			0	0	N.D.	N.D.
	Average Aroclor-1232					0.000	0.000
14)	L4 Aroclor-1242	8.21	11.64	22270	20958	0.593	0.718
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			22270	20958	0.593	0.718
	Average Aroclor-1242					0.593	0.718
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\P0620-L1.D Vial: 44
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-L1.D\CONFIRM.D
Acq On : 28 Jun 96 07:41 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 20:14 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.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

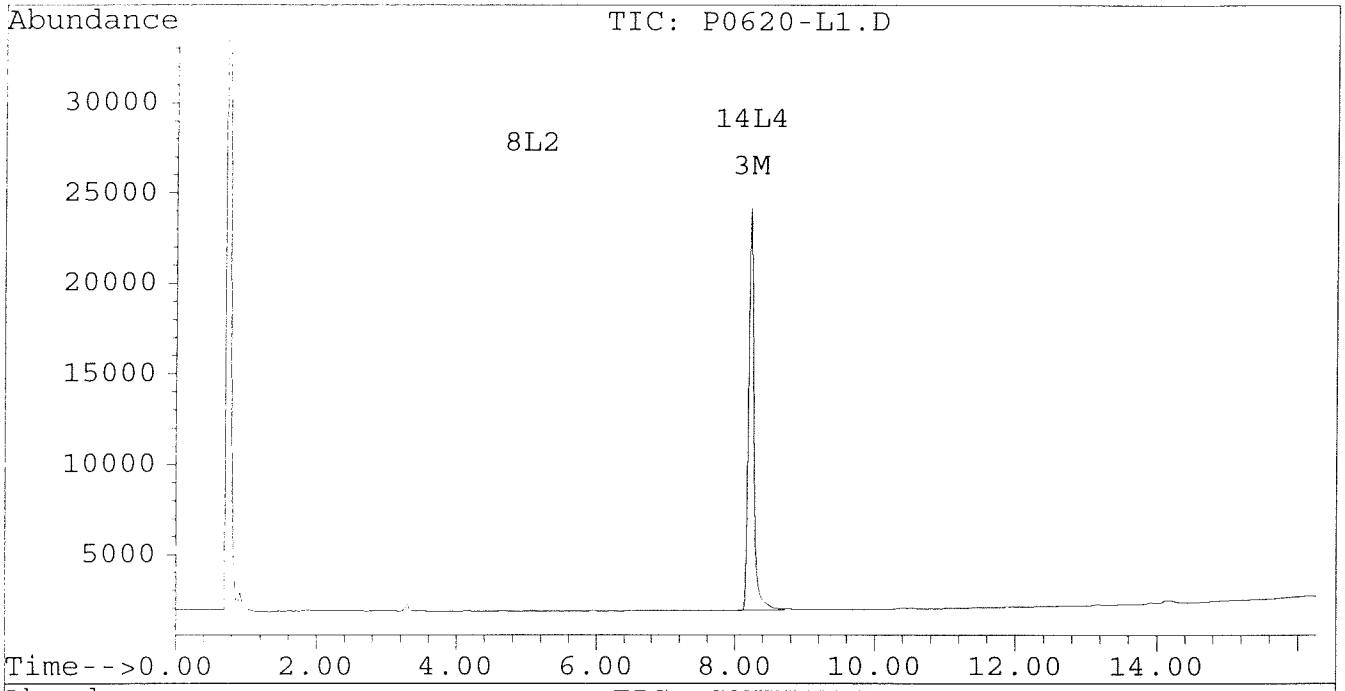
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

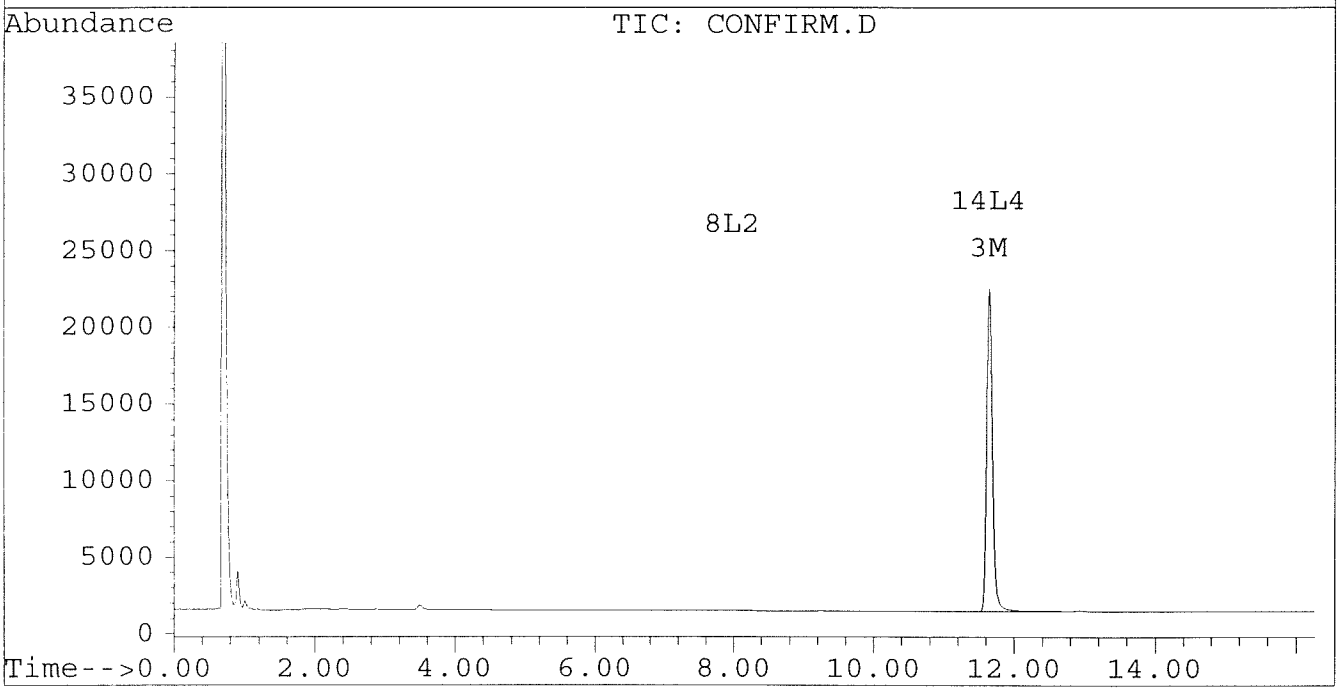
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\P0620-L1.D Vial: 44
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-L1.D\CONFIRM.D
Acq On : 28 Jun 96 07:41 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 20:14 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



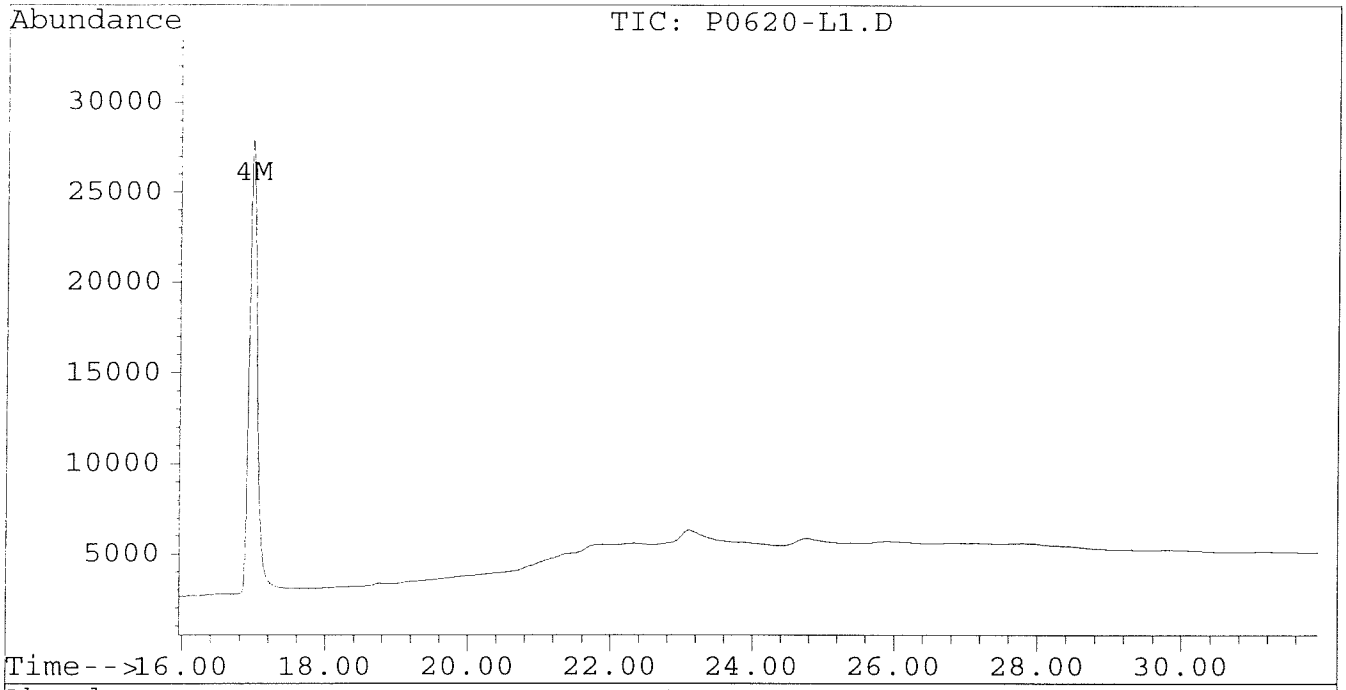


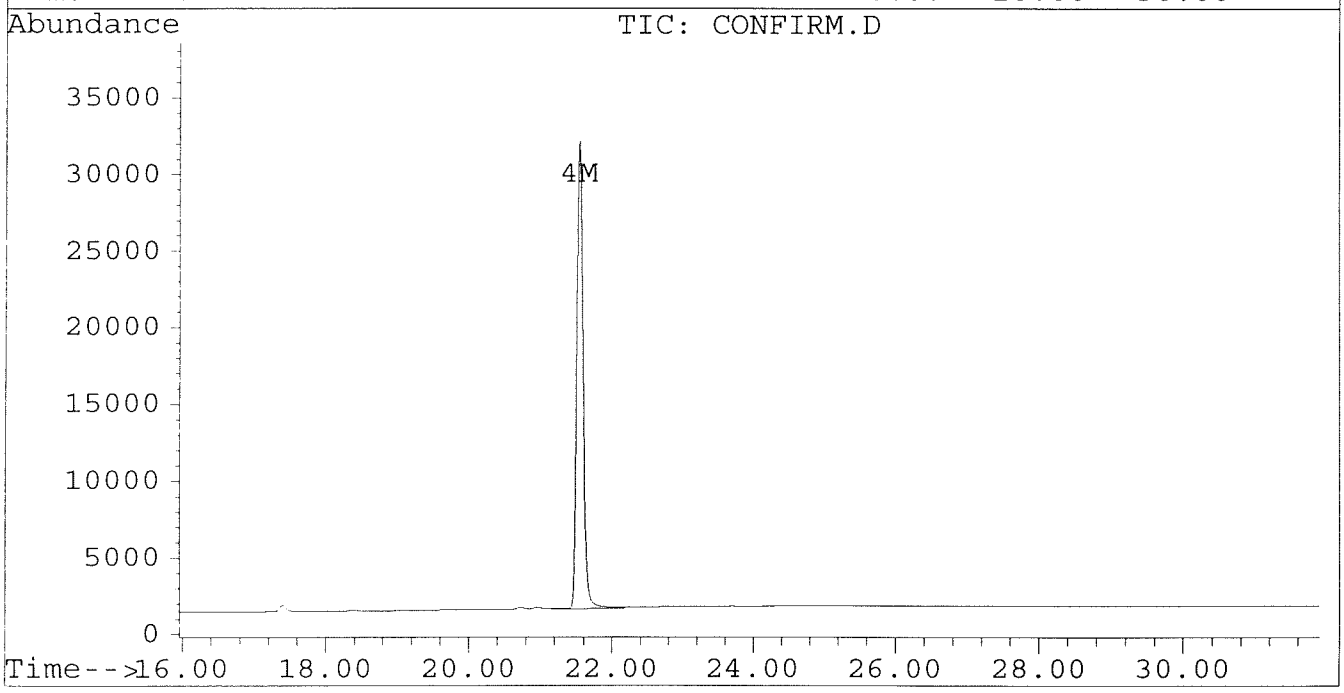
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\P0620-L1.D Vial: 44
Signal #2 : D:\HPCHEM\5\JUN27A\P0620-L1.D\CONFIRM.D
Acq On : 28 Jun 96 07:41 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jun 28 20:14 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\C560-04M.D Vial: 46
Signal #2 : D:\HPCHEM\5\JUN27A\C560-04M.D\CONFIRM.D
Acq On : 28 Jun 96 08:52 PM Operator: JS
Sample : VHB / BX07 DUPLICATE MS 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jul 3 13:57 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	4015	3179	0.018	0.017
				Recovery	=	45.00%	42.50%
2) S	Decachlorobiphenyl	22.22	30.36	4359	1474	0.021m	0.018m
				Recovery	=	52.50%	45.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.63	69708	50391	0.685	0.497m#
4) M	2,2',3,3',4,4'-Hexa	16.97	21.55	49037	25719	0.532	0.191m#
5) L1	Aroclor-1016	6.79	8.77	16205	3982	0.530	0.303 #
6) L1	Aroclor-1016 {2}	8.93	10.29	19402	13551	1.289	0.505 #
7) L1	Aroclor-1016 {3}	9.31	12.22	36487	10462	1.490	0.629 #
Total	Aroclor-1016			72095	27996	3.310	1.437
Average	Aroclor-1016					1.103	0.479
8) L2	Aroclor-1221	5.08	7.99	617	1017	0.127	0.242 #
9) L2	Aroclor-1221 {2}	5.50	8.54	1052	1340	0.259	0.398 #
10) L2	Aroclor-1221 {3}	5.67	8.77	6073	3982	0.438	0.388
Total	Aroclor-1221			7742	6339	0.824	1.029
Average	Aroclor-1221					0.275	0.343
11) L3	Aroclor-1232	5.67	8.77	6073	3982	0.505	0.439
12) L3	Aroclor-1232 {2}	6.79	10.29	16205	13551	1.859	1.810
13) L3	Aroclor-1232 {3}	8.60	12.22	12460	10462	2.373	2.440
Total	Aroclor-1232			34739	27996	4.737	4.689
Average	Aroclor-1232					1.579	1.563
14) L4	Aroclor-1242	8.21	11.63	69708	50727	1.856	1.739
15) L4	Aroclor-1242 {2}	8.93	12.22	19402	10462	1.751	0.831 #
16) L4	Aroclor-1242 {3}	10.07	13.98	33846	25585	2.312	2.050
Total	Aroclor-1242			122956	86774	5.920	4.620
Average	Aroclor-1242					1.973	1.540
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\C560-04M.D Vial: 46
Signal #2 : D:\HPCHEM\5\JUN27A\C560-04M.D\CONFIRM.D
Acq On : 28 Jun 96 08:52 PM Operator: JS
Sample : VHB / BX07 DUPLICATE MS 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jul 3 13:57 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	11.98	15.44	30220	25521	1.130	0.991	
21) L6	Aroclor-1254 {2}	13.42	15.68	48979	28456	1.480	1.026	#
22) L6	Aroclor-1254 {3}	15.81	17.54	41184	44706	1.780	1.196	#
Total	Aroclor-1254			120383	98683	4.391	3.212	
Average	Aroclor-1254					1.464	1.071	
23) L7	Aroclor-1260	13.92	18.17	23458	16575	0.819	0.552	#
24) L7	Aroclor-1260 {2}	14.70	18.49	22307	19597	0.727	0.595	
25) L7	Aroclor-1260 {3}	17.91	21.91	9065	7648	0.238	0.164	#
Total	Aroclor-1260			54830	43821	1.784	1.311	
Average	Aroclor-1260					0.595	0.437	
26) L8	Aroclor-1268	18.85	0.00	1102	0	NoCal	N.D.	
27) L8	Aroclor-1268 {2}	19.03	0.00	6009	0	NoCal	N.D.	
28) L8	Aroclor-1268 {3}	21.81	28.12	2003	288	NoCal	NoCal	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

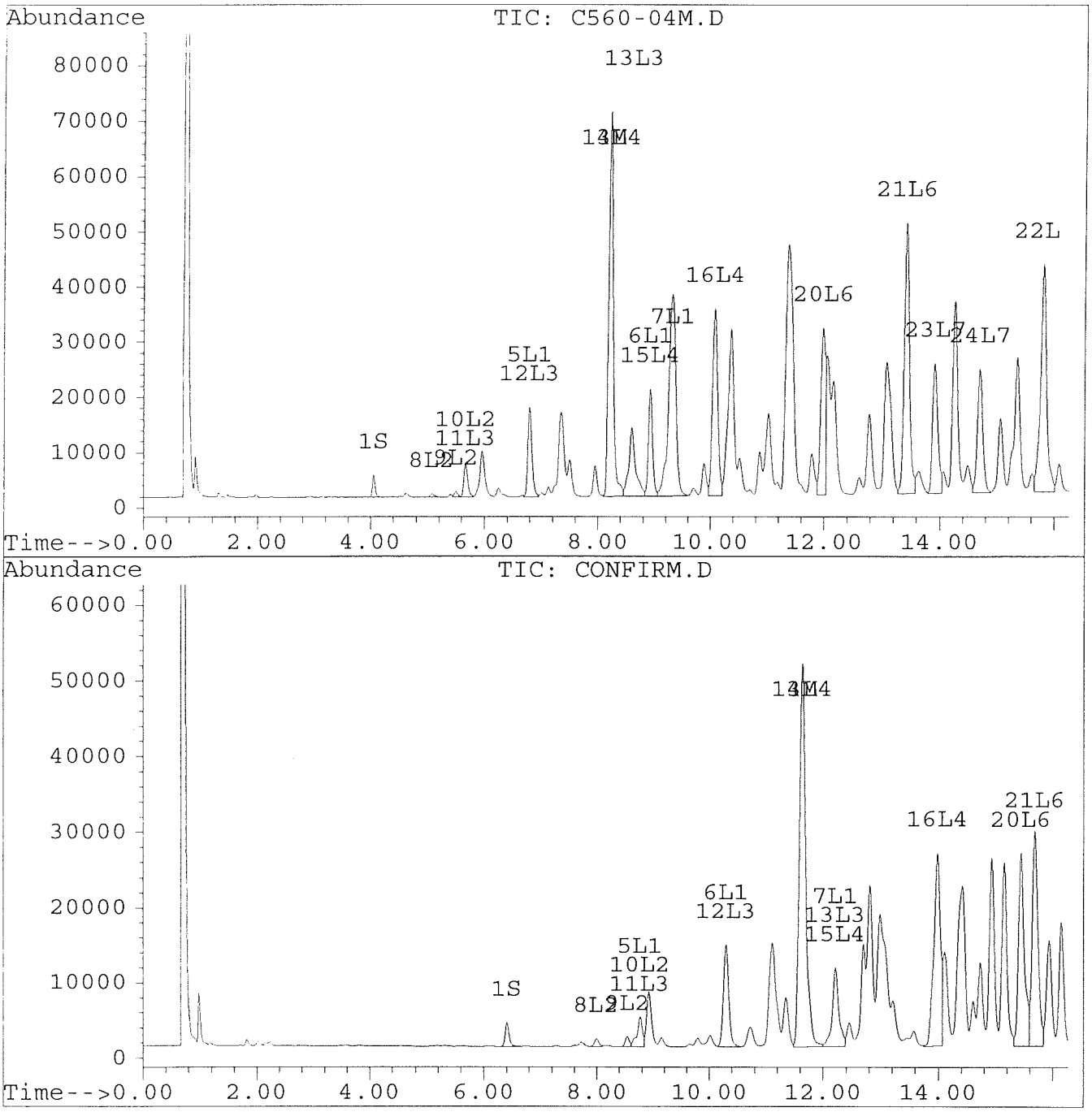
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-04M.D Vial: 46
Signal #2 : D:\HPCHEM\5\JUN27A\C560-04M.D\CONFIRM.D
Acq On : 28 Jun 96 08:52 PM Operator: JS
Sample : VHB / BX07 DUPLICATE MS 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jul 3 13:57 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

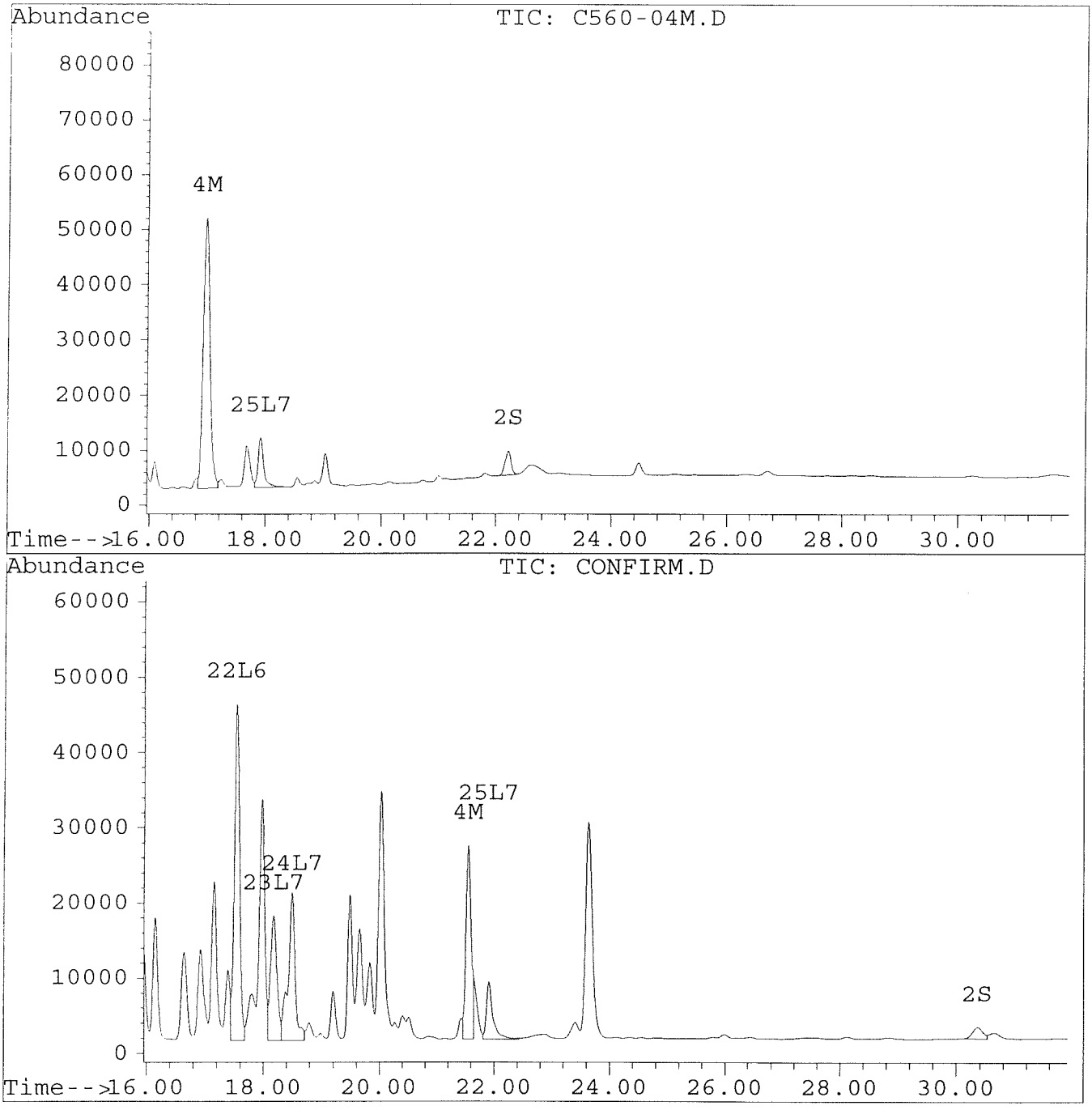


Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-04M.D Vial: 46
Signal #2 : D:\HPCHEM\5\JUN27A\C560-04M.D\CONFIRM.D
Acq On : 28 Jun 96 08:52 PM Operator: JS
Sample : VHB / BX07 DUPLICATE MS 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jul 3 13:57 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\JUN27A\C560-04D.D Vial: 47
Signal #2 : D:\HPCHEM\5\JUN27A\C560-04D.D\CONFIRM.D
Acq On : 28 Jun 96 09:27 PM Operator: JS
Sample : VHB / BX07 DUPLICATE MSD 1:3 DILUTION Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jul 3 14:07 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	2774	2238	0.012	0.012	
				Recovery	=	30.00%	30.00%	9
2)	S Decachlorobiphenyl	22.22	30.36	3037	1001	0.015m	0.012m	
				Recovery	=	37.50%	30.00%	90
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.21	11.64	37662	28054	0.370	0.277m	#
4)	M 2,2',3,3',4,4'-Hexa	16.94	21.55	20413	17421	0.221	0.130m	#
5)	L1 Aroclor-1016	6.79	8.77	5962	1038	0.195	0.079	#
6)	L1 Aroclor-1016 {2}	8.93	10.29	8181	5248	0.544	0.196	#
7)	L1 Aroclor-1016 {3}	9.31	12.21	18926	3459	0.773	0.208	#
	Total Aroclor-1016			33069	9745	1.512	0.482	
	Average Aroclor-1016					0.504	0.161	
8)	L2 Aroclor-1221	5.08	7.99	131	488	0.027	0.116	#
9)	L2 Aroclor-1221 {2}	5.50	8.54	248	390	0.061	0.116	#
10)	L2 Aroclor-1221 {3}	5.67	8.77	1955	1038	0.141	0.101	#
	Total Aroclor-1221			2334	1916	0.229	0.334	
	Average Aroclor-1221					0.076	0.111	
11)	L3 Aroclor-1232	5.67	8.77	1955	1038	0.163	0.114	#
12)	L3 Aroclor-1232 {2}	6.79	10.29	5962	5248	0.684	0.701	
13)	L3 Aroclor-1232 {3}	8.60	12.21	3908	3459	0.744	0.807	
	Total Aroclor-1232			11825	9745	1.591	1.622	
	Average Aroclor-1232					0.530	0.541	
14)	L4 Aroclor-1242	8.21	11.64	37662	28181	1.003	0.966	
15)	L4 Aroclor-1242 {2}	8.93	12.21	8181	3459	0.738	0.275	#
16)	L4 Aroclor-1242 {3}	10.07	13.98	15814	12296	1.080	0.985	
	Total Aroclor-1242			61657	43937	2.822	2.226	
	Average Aroclor-1242					0.941	0.742	
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\C560-04D.D Vial: 47
Signal #2 : D:\HPCHEM\5\JUN27A\C560-04D.D\CONFIRM.D
Acq On : 28 Jun 96 09:27 PM Operator: JS
Sample : VHB / BX07 DUPLICATE MSD 1:3 DILUTION Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jul 3 14:07 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	11.98	15.44	19046	15744	0.712	0.611	
21) L6	Aroclor-1254 {2}	13.43	15.68	30249	18214	0.914	0.656	#
22) L6	Aroclor-1254 {3}	15.82	17.54	26730	28592	1.155	0.765	#
Total	Aroclor-1254			76024	62550	2.782	2.033	
Average	Aroclor-1254					0.927	0.678	
23) L7	Aroclor-1260	13.92	18.17	14882	11227	0.520	0.374	#
24) L7	Aroclor-1260 {2}	14.70	18.49	16338	13348	0.532	0.405	
25) L7	Aroclor-1260 {3}	17.92	21.91	6176	5179	0.162	0.111	#
Total	Aroclor-1260			37396	29754	1.214	0.890	
Average	Aroclor-1260					0.405	0.297	
26) L8	Aroclor-1268	18.85	0.00	1029	0	NoCal	N.D.	
27) L8	Aroclor-1268 {2}	19.04	0.00	4089	0	NoCal	N.D.	
28) L8	Aroclor-1268 {3}	21.82	28.12	1775	301	NoCal	NoCal	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

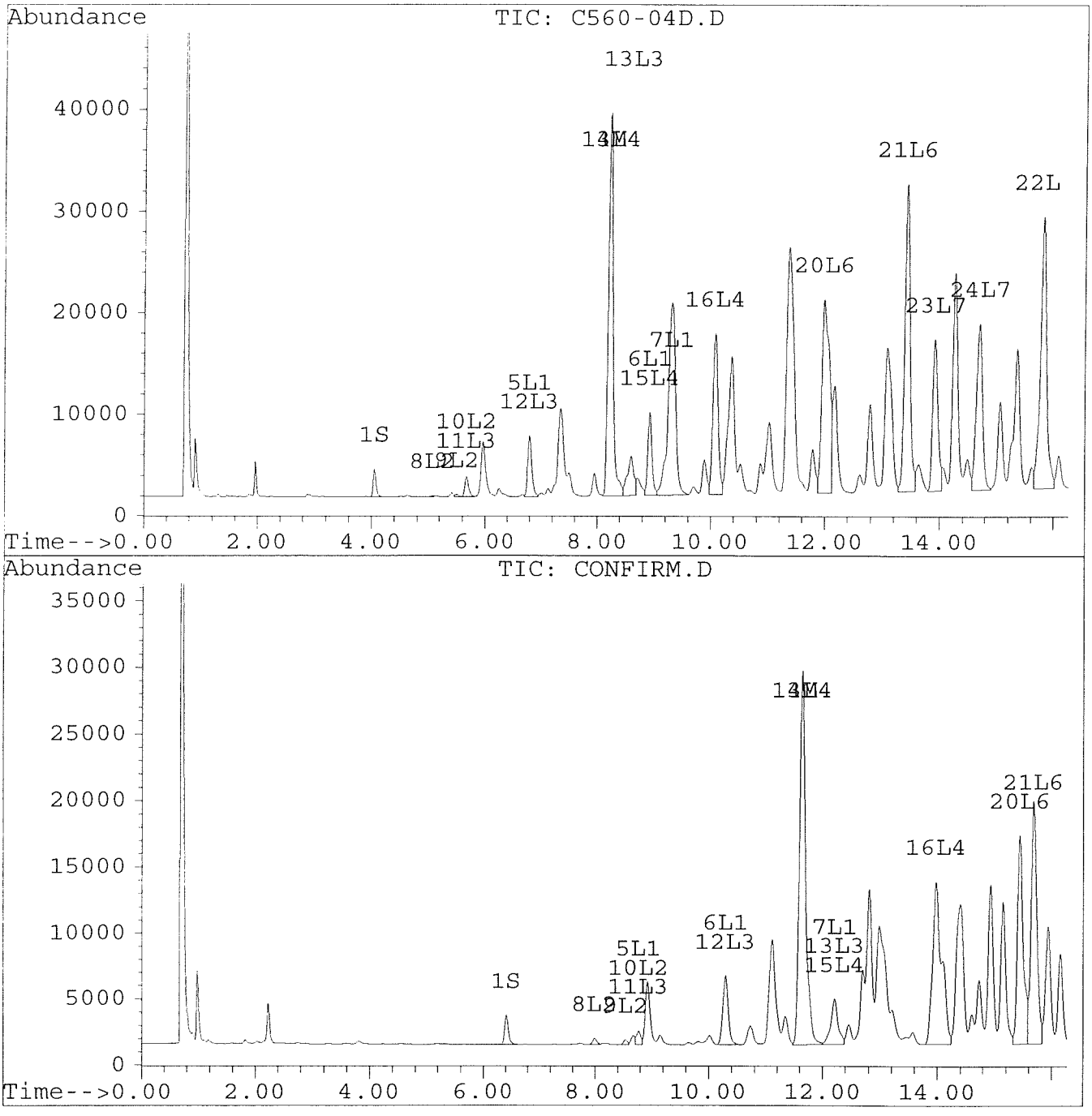
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-04D.D Vial: 47
Signal #2 : D:\HPCHEM\5\JUN27A\C560-04D.D\CONFIRM.D
Acq On : 28 Jun 96 09:27 PM Operator: JS
Sample : VHB / BX07 DUPLICATE MSD 1:3 DILUTION Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jul 3 14:07 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

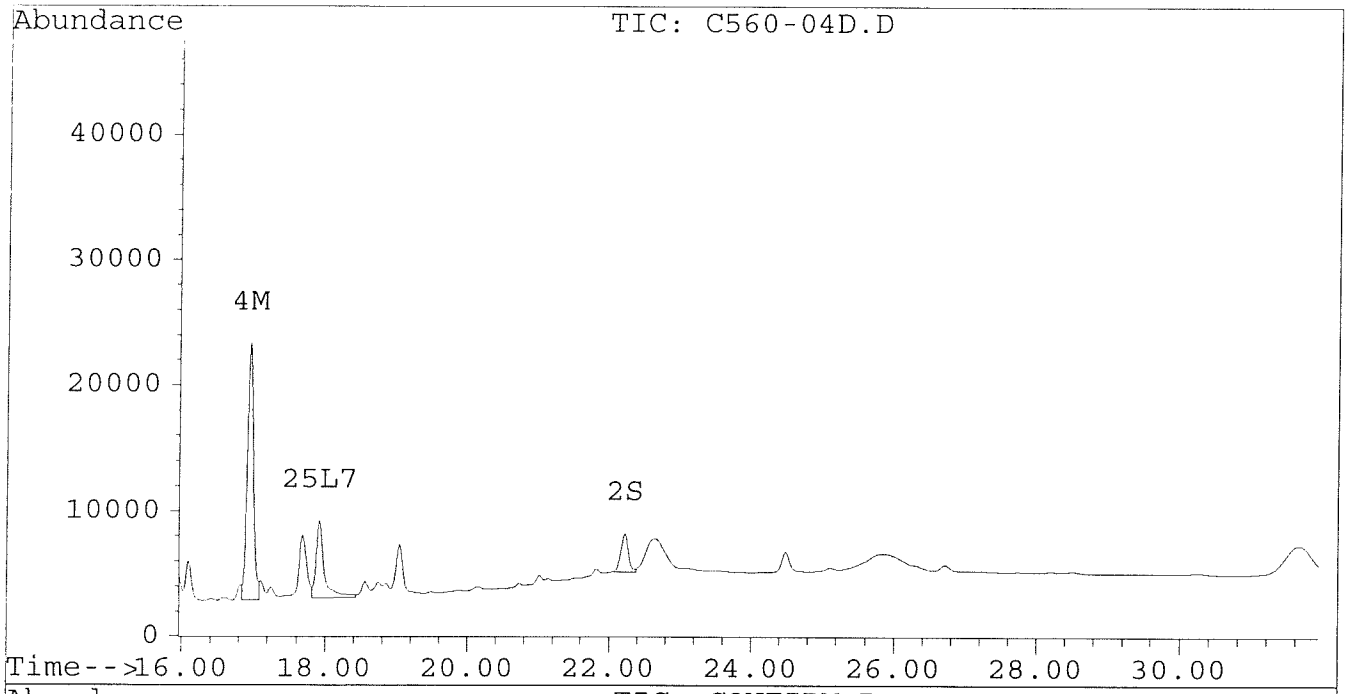


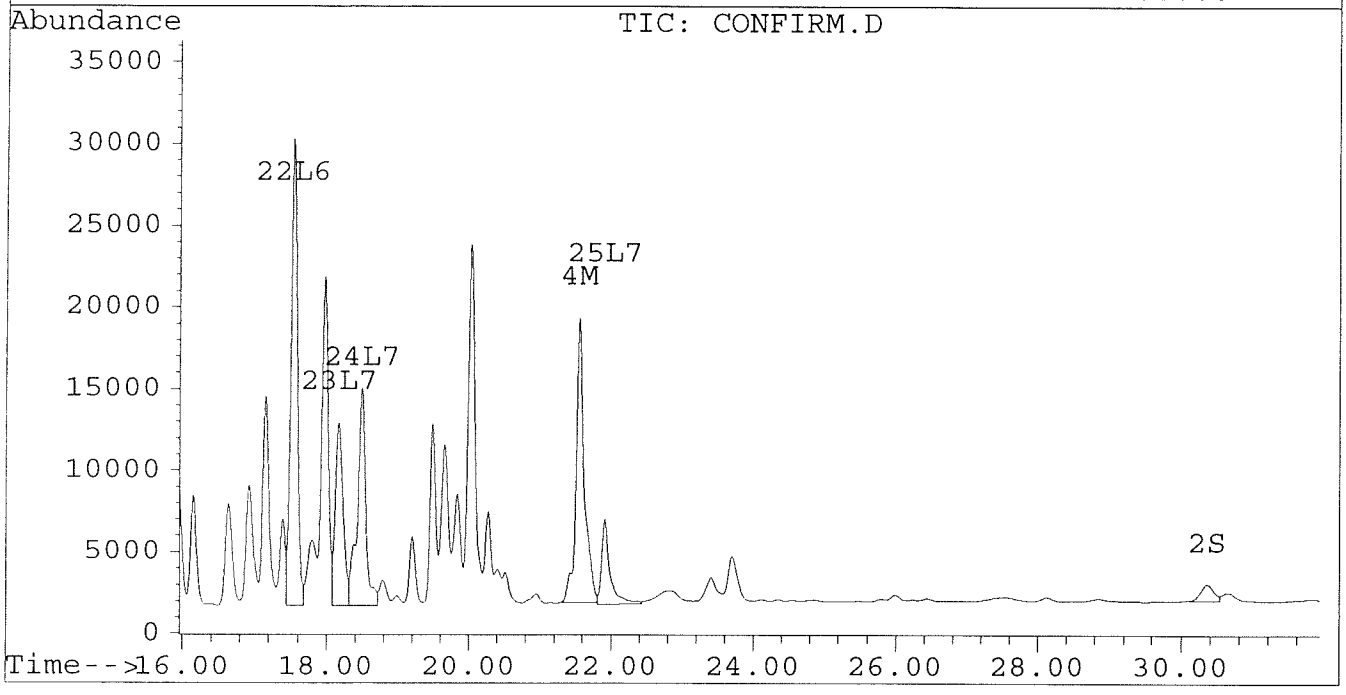
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\C560-04D.D Vial: 47
Signal #2 : D:\HPCHEM\5\JUN27A\C560-04D.D\CONFIRM.D
Acq On : 28 Jun 96 09:27 PM Operator: JS
Sample : VHB / BX07 DUPLICATE MSD 1:3 DILUTION Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS 1:3 DILUTION Multiplr: 1.00
Quant Time: Jul 3 14:07 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





Solvent Track:

GPC Batch Number:
Florisil Lot Number:

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

Date: 06-20-96	Analysis: PCB				Sample Matrix: Soil			Project #: LC5260	
Blank ID: PB0620-~~PCB~~BL	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
PB0620-BL		30.0 g	2mL PW960612A	1mL PW960617A			10-20-96	10mL Hexane	6-21-96	
-LCS1		30.0 g								
PLC5260-01	BW09 Primary	30.0 g								
-04	BX67 Primary	30.4 g								
-04MS		30.5 g		1mL PW960617A						
-04MSD		30.0 g								
11 -07		30.0 g								
35 -10		30.4 g								
37 -11		30.4 g								
3 -13		30.0 g								
18 -16		30.1 g								
23 -18		30.5 g								
71 -21		30.5 g								
95 -24		30.2 g								
13 -26		30.1 g								
72 -29		30.5 g								
92 -32		30.5 g								
94 -33		30.5 g								
96 -47		30.3 g								
97 -44		30.4 g								

Standard Chromatograms

- Initial Calibration

Standard Chromatograms

- Continuing Calibration

Response Factor Report ECD1

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Initial Calibration

Calibration Files
0.5 =PS0618M.D 0.1 =PS0618L.D 1.0 =PS0618K.D
2.5 =PS0618J.D 5.0 =PS0618I.D

		Compound	0.5	0.1	1.0	2.5	5.0	Avg		%RSD
1)	S	Tetrachloro-m-xylene	239.2	227.5	234.7	259.4	297.3	251.6	E3	11.19
2)	S	Decachlorobiphenyl	175.0	187.0	165.3	158.7	164.6	170.1	E3	6.53
3)	M	2,4,4'-Trichlorobiphe	117.5	119.2	123.3	127.5	123.9	122.3	E3	3.23
4)	M	2,2',3,3',4,4'-Hexach	167.7	174.3	185.2	194.0	191.2	182.5	E3	6.14
5)	L1	Aroclor-1016	36.7	41.2	32.4	28.6	26.5	33.1	E3	17.98
6)	L1	Aroclor-1016 (2)	18.4	18.8	17.3	17.3	17.4	17.8	E3	3.87
7)	L1	Aroclor-1016 (3)	28.3	30.9	25.7	23.7	22.6	26.2	E3	12.87
8)	L2	Aroclor-1221	4.1	5.2	5.0	5.1	4.9	4.8	E3	9.26
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	10.57
13)	L3	Aroclor-1232 (3)	5.0	5.7	5.3	5.2	5.0	5.3	E3	5.41
14)	L4	Aroclor-1242	44.4	26.9	43.6	41.6	37.0	38.7	E3	18.57
15)	L4	Aroclor-1242 (2)	13.1	7.8	13.2	13.5	12.9	12.1	E3	20.09
16)	L4	Aroclor-1242 (3)	17.3	10.6	17.1	16.8	15.6	15.5	E3	18.24
17)	L5	Aroclor-1248	20.6	22.0	19.6	16.5	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	18.8	19.4	20.7	E3	7.59
20)	L6	Aroclor-1254	32.0	32.4	30.1	28.4	26.3	29.8	E3	8.54
21)	L6	Aroclor-1254 (2)	42.3	39.9	41.6	41.3	39.6	40.9	E3	2.81
22)	L6	Aroclor-1254 (3)	30.6	28.5	30.3	31.1	30.9	30.3	E3	3.50
23)	L7	Aroclor-1260	36.8	39.7	33.6	31.0	30.0	34.2	E3	11.82
24)	L7	Aroclor-1260 (2)	42.0	45.1	38.6	36.0	34.7	39.3	E3	10.85
25)	L7	Aroclor-1260 (3)	56.1	54.8	54.6	53.5	54.2	54.6	E3	1.75
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	206.3	204.9	200.2	212.5	234.3	211.6	E3	6.34
2)	S	Decachlorobiphenyl	85.4	93.5	78.6	71.2	70.3	79.8	E3	12.28
3)	M	2,4,4'-Trichlorobiphe	104.0	105.7	107.9	110.4	108.2	107.2	E3	2.31
4)	M	2,2',3,3',4,4'-Hexach	140.5	144.6	150.1	197.0	153.2	157.1	E3	14.54
5)	L1	Aroclor-1016	15.1	17.1	13.3	11.7	10.7	13.6	E3	19.06
6)	L1	Aroclor-1016 (2)	30.5	35.9	26.6	23.0	20.7	27.4	E3	22.15
7)	L1	Aroclor-1016 (3)	18.3	20.5	16.3	14.8	13.9	16.8	E3	15.87
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\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 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	14.09
13) L3	Aroclor-1232 {3}	4.1	4.9	4.4	4.1	3.9	4.3 E3	8.54
14) L4	Aroclor-1242	30.2	19.5	28.7	27.3	24.1	26.0 E3	16.41
15) L4	Aroclor-1242 {2}	13.6	8.5	12.8	11.9	10.9	11.5 E3	17.00
16) L4	Aroclor-1242 {3}	13.3	8.4	12.5	11.9	10.8	11.4 E3	16.40
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	10.95
19) L5	Aroclor-1248 {3}	10.6	11.1	10.3	9.1	9.7	10.2 E3	7.56
20) L6	Aroclor-1254	25.9	28.3	23.6	21.4	19.4	23.7 E3	14.88
21) L6	Aroclor-1254 {2}	27.1	30.2	24.8	21.9	20.0	24.8 E3	16.48
22) L6	Aroclor-1254 {3}	35.9	38.1	33.3	30.5	28.4	33.2 E3	11.83
23) L7	Aroclor-1260	32.3	36.5	29.0	25.7	24.0	29.5 E3	17.11
24) L7	Aroclor-1260 {2}	35.9	41.3	32.0	28.6	26.6	32.9 E3	17.92
25) L7	Aroclor-1260 {3}	51.0	55.7	48.4	45.6	43.3	48.8 E3	9.92
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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618I.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618I.D\CONFIRM.D
Acq On : 19 Jun 96 08:00 AM
Sample : PCB COGENER SPIKE 200 NG/ML
Misc : PW960617A
Quant Time: Jun 19 18:26 1996

Vial: 70
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.19	11.60	24779	21649	0.224	0.196
4) M 2,2',3,3',4,4'-Hexa	16.90	21.48	38241	30639	0.243m	0.156m
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.
			0	0	N.D.	N.D.
Total Aroclor-1016					0.000	0.000
Average Aroclor-1016						
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 (3)	0.00	0.00	0	0	N.D.	N.D.
			0	0	N.D.	N.D.
Total Aroclor-1221					0.000	0.000
Average Aroclor-1221						
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	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.
			0	0	N.D.	N.D.
Total Aroclor-1232					0.000	0.000
Average Aroclor-1232						
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4 Aroclor-1242 (2)	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 (3)	0.00	0.00	0	0	N.D.d	N.D.d
			0	0	N.D.	N.D.
Total Aroclor-1242					0.000	0.000
Average Aroclor-1242						
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.d	N.D.d
			0	0	N.D.	N.D.
Total Aroclor-1248					0.000	0.000
Average Aroclor-1248						

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618I.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618I.D\CONFIRM.D
Acq On : 19 Jun 96 08:00 AM
Sample : PCB COGENER SPIKE 200 NG/ML
Misc : PW960617A
Quant Time: Jun 19 18:26 1996

Vial: 70
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618I.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618I.D\CONFIRM.D
Acq On : 19 Jun 96 08:00 AM
Sample : PCB COGENER SPIKE 200 NG/ML
Misc : PW960617A
Quant Time: Jun 19 18:26 1996

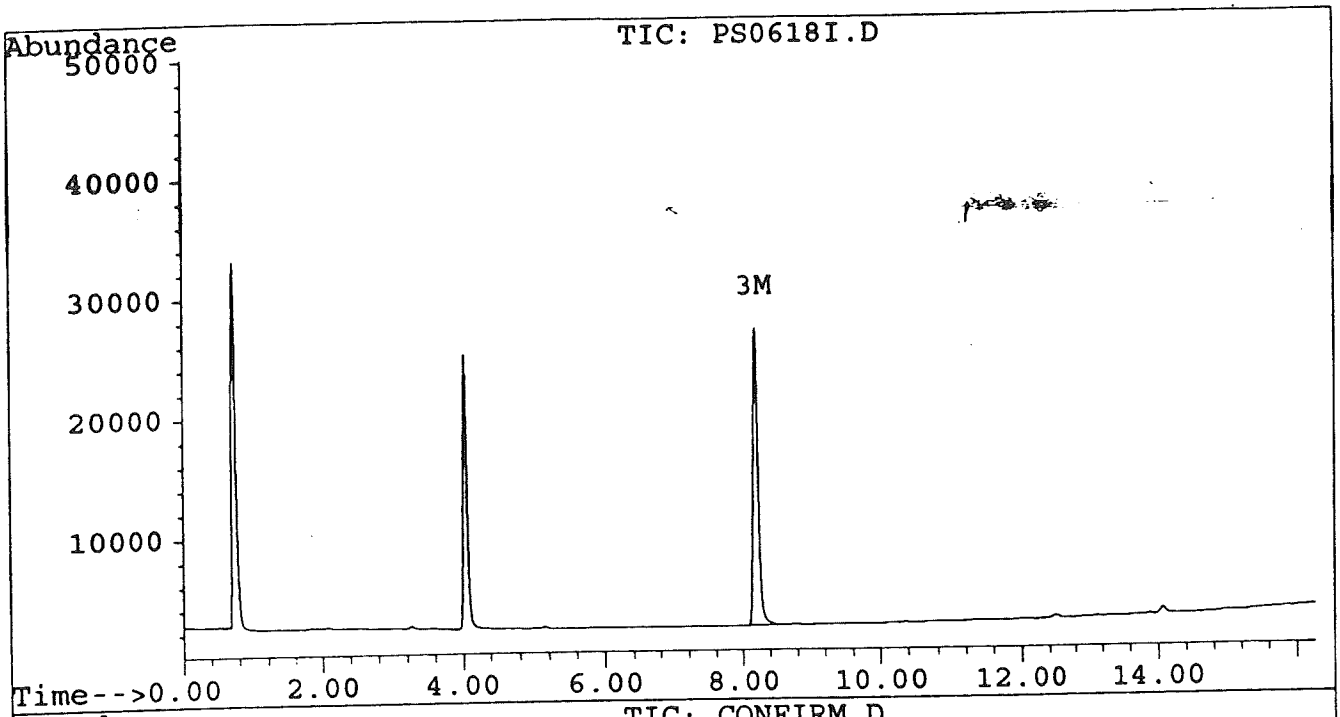
Vial: 70

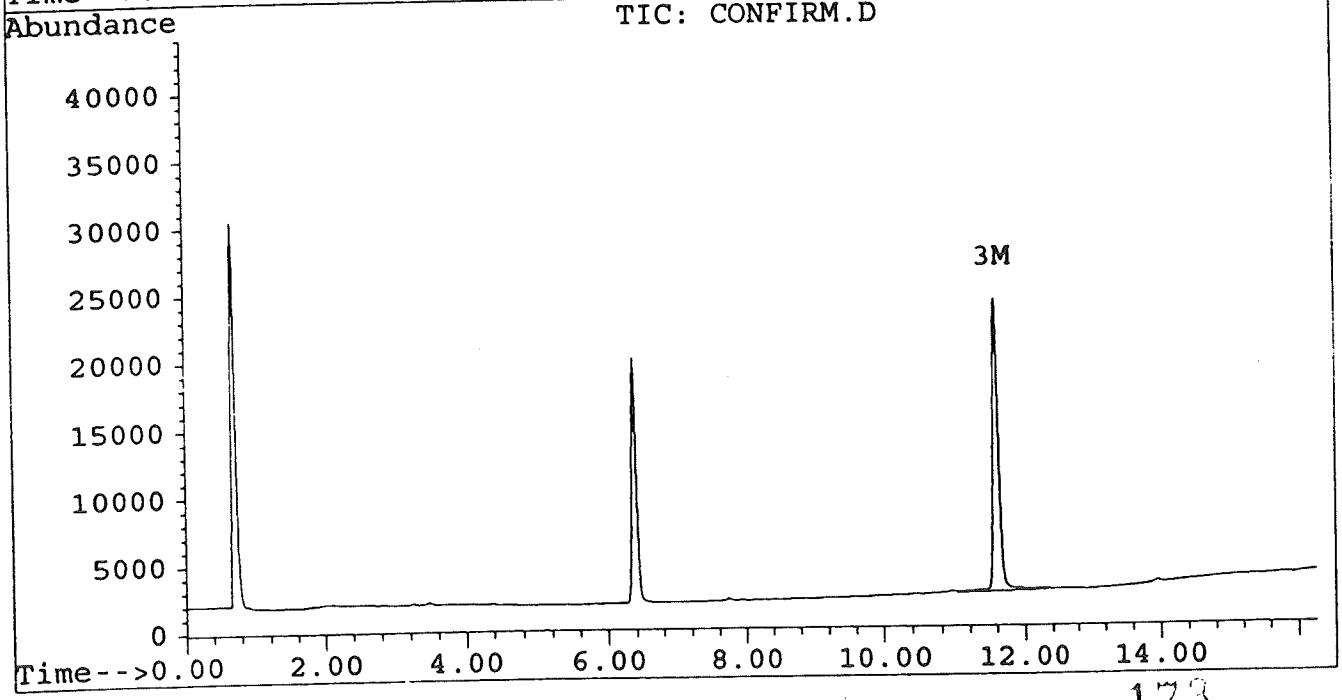
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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





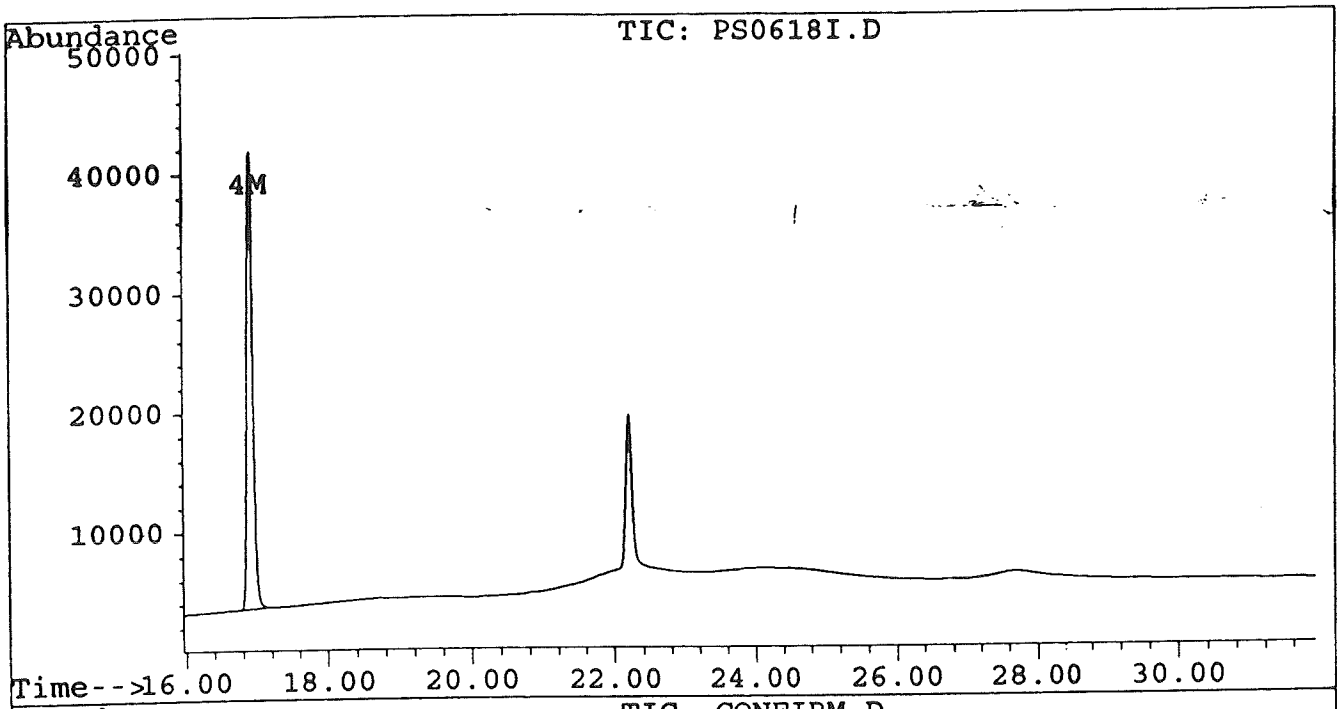
Quantitation Report

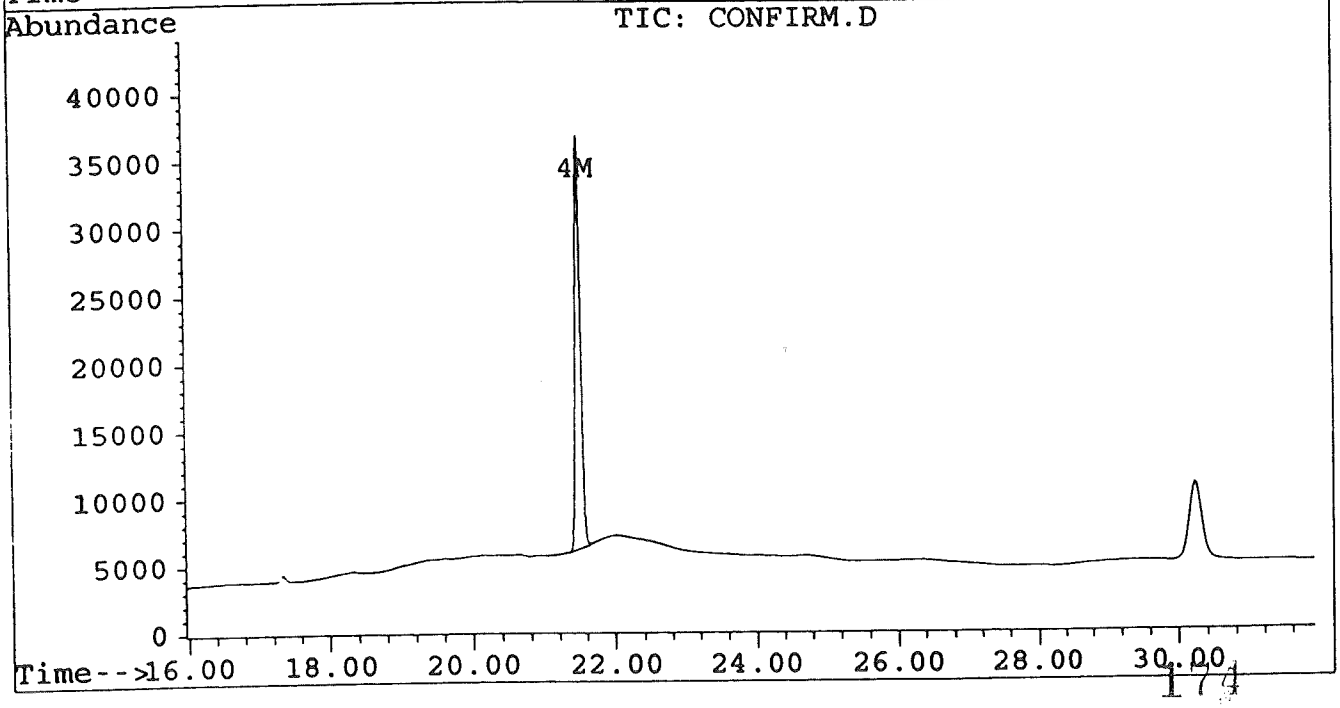
Signal #1 : D:\HPCHEM\5\JUN17\PS0618I.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618I.D\CONFIRM.D
Acq On : 19 Jun 96 08:00 AM
Sample : PCB COGENER SPIKE 200 NG/ML
Misc : PW960617A
Quant Time: Jun 19 18:26 1996

Vial: 70
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618J.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618J.D\CONFIRM.D
Acq On : 19 Jun 96 08:36 AM
Sample : PCB COGENER SPIKE 100 NG/ML
Misc : PW960617B
Quant Time: Jun 19 18:23 1996

Vial: 71
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.19f	11.60	12746	11039	0.119m	NoCal #
4) M 2,2',3,3',4,4'-Hexa	16.90f	21.49	19400	19696	0.130m	NoCal #
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.
			0	0	N.D.	N.D.
Total Aroclor-1016					0.000	0.000
Average Aroclor-1016						
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	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.
			0	0	N.D.	N.D.
Total Aroclor-1221					0.000	0.000
Average Aroclor-1221						
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	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.
			0	0	N.D.	N.D.
Total Aroclor-1232					0.000	0.000
Average Aroclor-1232						
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
			0	0	N.D.	N.D.
Total Aroclor-1242					0.000	0.000
Average Aroclor-1242						
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.
			0	0	N.D.	N.D.
Total Aroclor-1248					0.000	0.000
Average Aroclor-1248						

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618J.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618J.D\CONFIRM.D
Acq On : 19 Jun 96 08:36 AM
Sample : PCB COGENER SPIKE 100 NG/ML
Misc : PW960617B
Quant Time: Jun 19 18:23 1996

Vial: 71

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618J.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618J.D\CONFIRM.D
Acq On : 19 Jun 96 08:36 AM
Sample : PCB COGENER SPIKE 100 NG/ML
Misc : PW960617B
Quant Time: Jun 19 18:23 1996

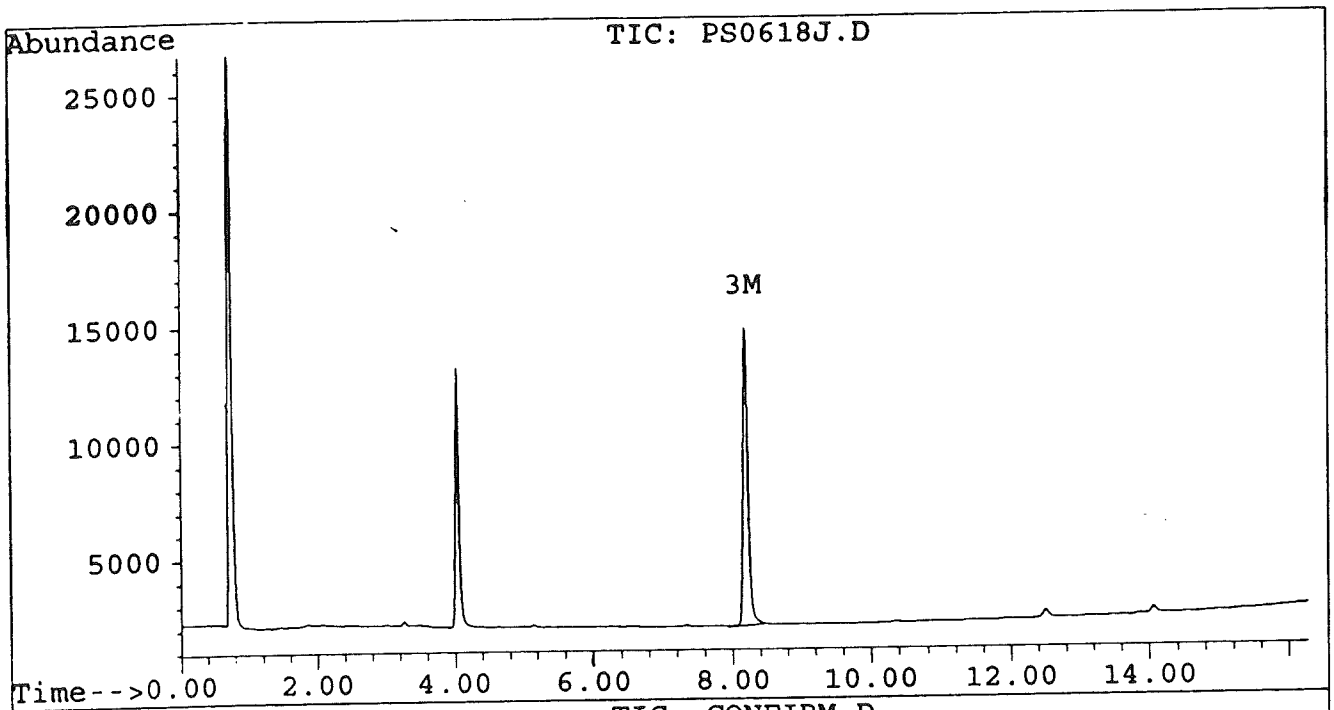
Vial: 71

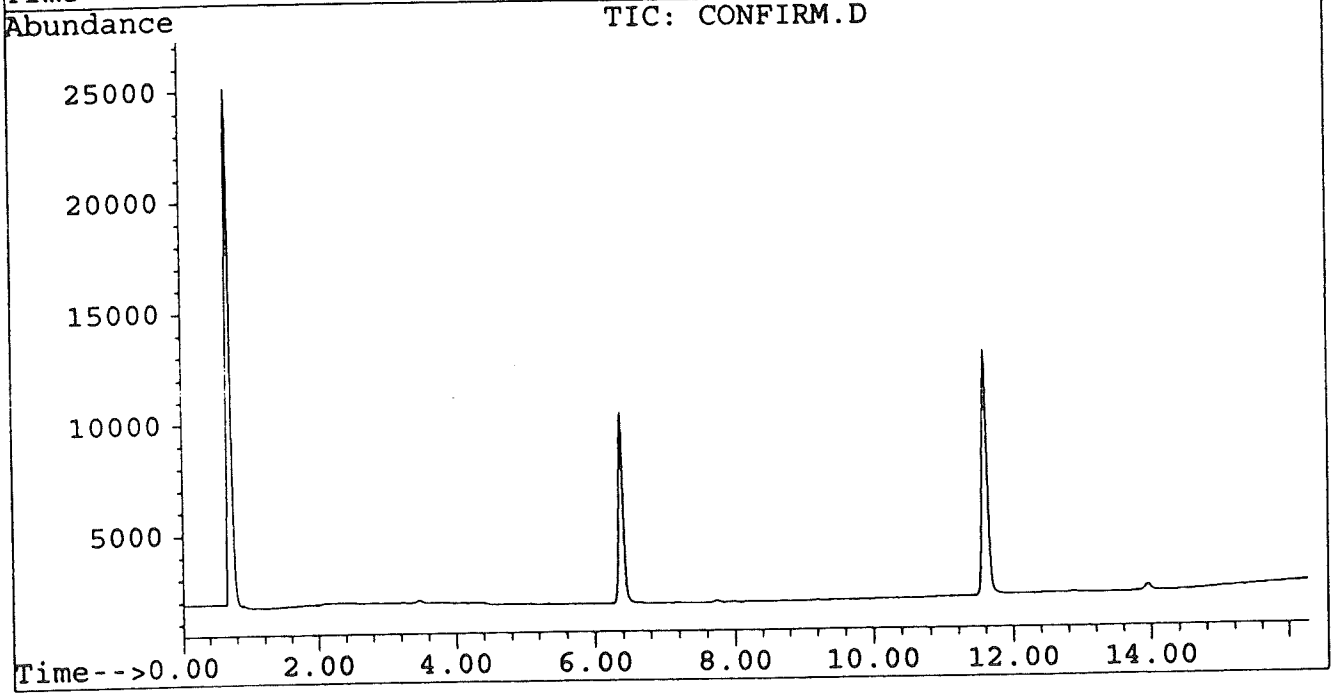
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618J.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618J.D\CONFIRM.D
Acq On : 19 Jun 96 08:36 AM
Sample : PCB COGENER SPIKE 100 NG/ML
Misc : PW960617B
Quant Time: Jun 19 18:23 1996

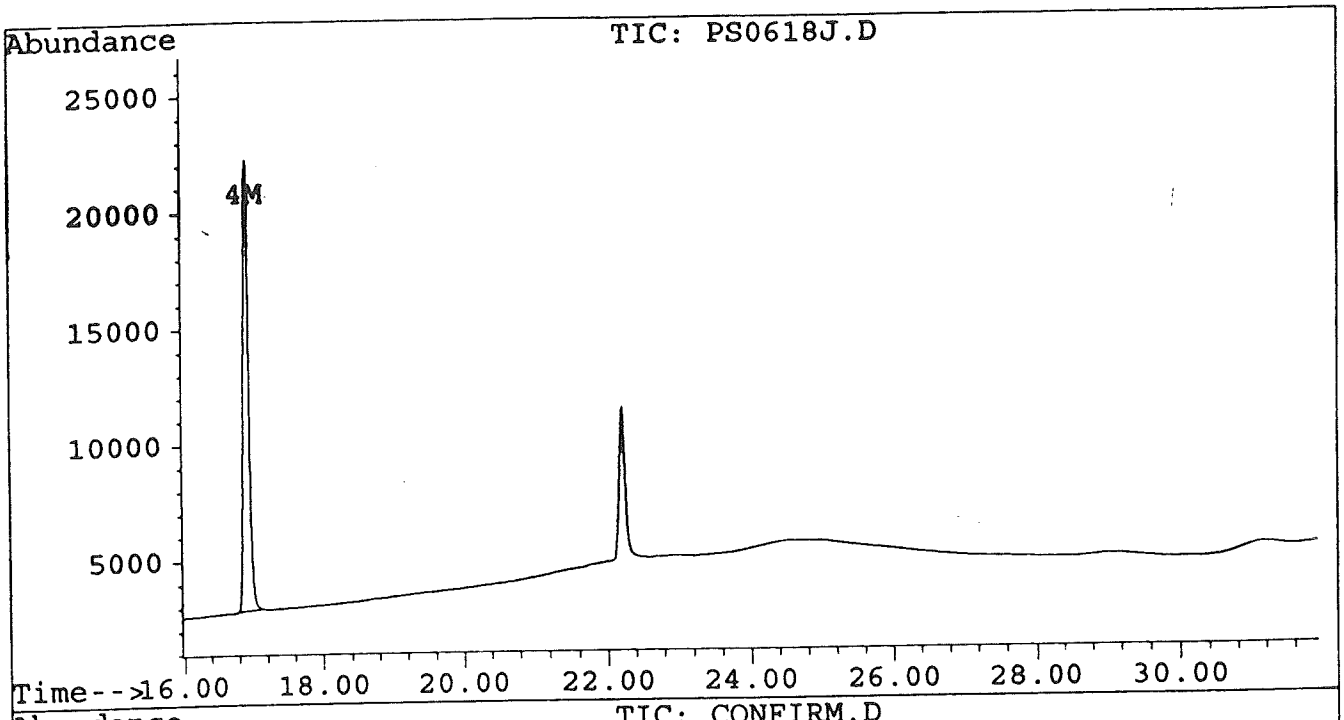
Vial: 71

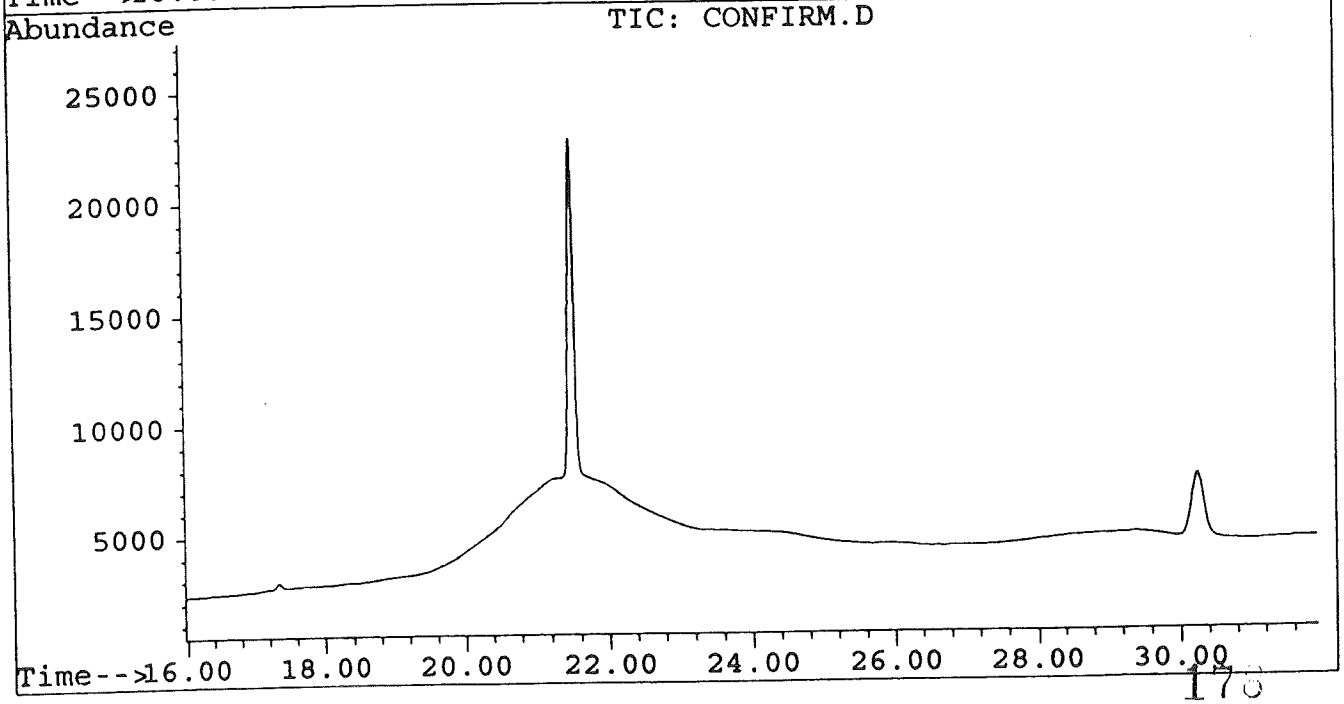
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618K.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618K.D\CONFIRM.D
Acq On : 19 Jun 96 09:12 AM
Sample : PCB COGENER SPIKE 50 NG/ML
Misc : PW960617C
Quant Time: Jun 19 18:27 1996

Vial: 72

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.19	11.60	6163	5395	0.056	0.049
4) M 2,2',3,3',4,4'-Hexa	16.90	21.48	9259	7503	0.059m	0.038m#
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.
			0	0	N.D.	N.D.
Total Aroclor-1016					0.000	0.000
Average Aroclor-1016						
8) L2 Aroclor-1221	0.00	0.00	0	0	N.D.	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.
			0	0	N.D.	N.D.
Total Aroclor-1221					0.000	0.000
Average Aroclor-1221						
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	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.
			0	0	N.D.	N.D.
Total Aroclor-1232					0.000	0.000
Average Aroclor-1232						
14) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.d	N.D.d
			0	0	N.D.	N.D.
Total Aroclor-1242					0.000	0.000
Average Aroclor-1242						
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.
			0	0	N.D.	N.D.
Total Aroclor-1248					0.000	0.000
Average Aroclor-1248						

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618K.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618K.D\CONFIRM.D
Acq On : 19 Jun 96 09:12 AM
Sample : PCB COGENER SPIKE 50 NG/ML
Misc : PW960617C
Quant Time: Jun 19 18:27 1996

Vial: 72

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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.
			0	0	N.D.	N.D.
Total Aroclor-1254					0.000	0.000
Average Aroclor-1254						
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.
			0	0	N.D.	N.D.
Total Aroclor-1260					0.000	0.000
Average Aroclor-1260						
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.
			0	0	N.D.	N.D.
Total Aroclor-1268					0.000	0.000
Average Aroclor-1268						

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618K.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618K.D\CONFIRM.D
Acq On : 19 Jun 96 09:12 AM
Sample : PCB COGENER SPIKE 50 NG/ML
Misc : PW960617C
Quant Time: Jun 19 18:27 1996

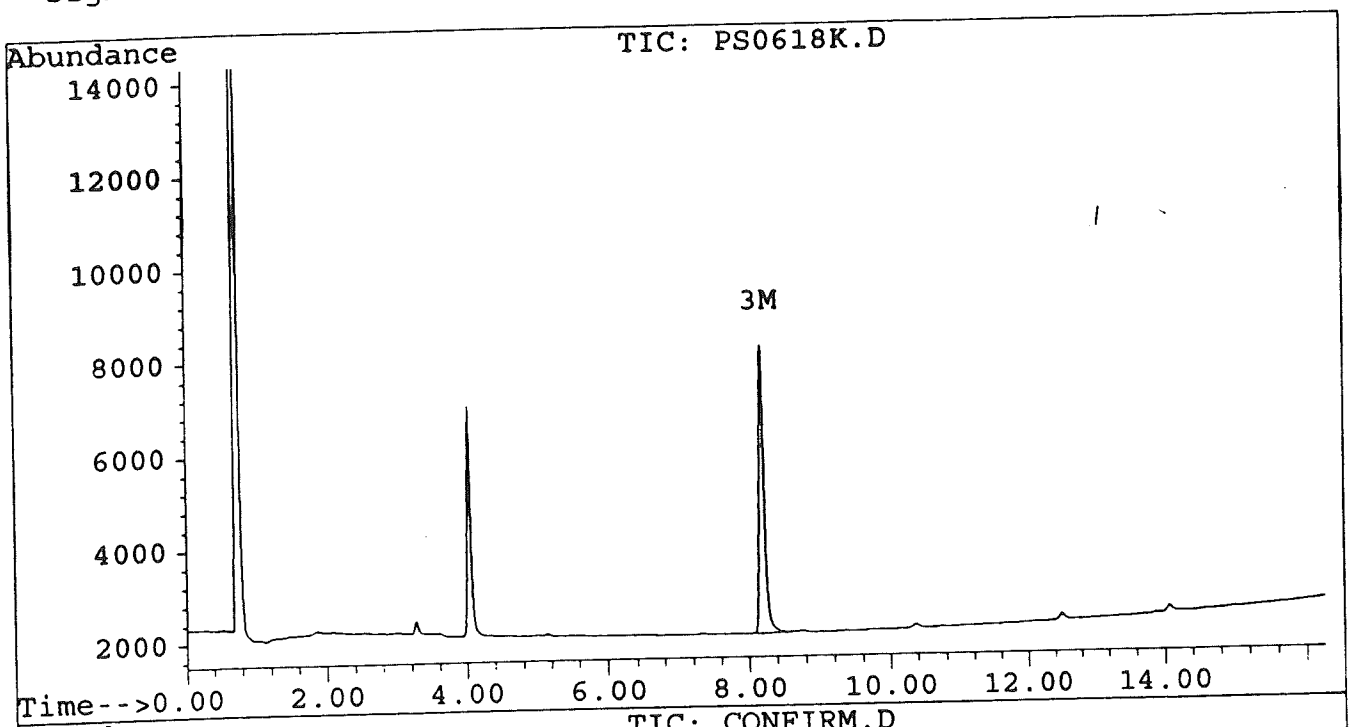
Vial: 72

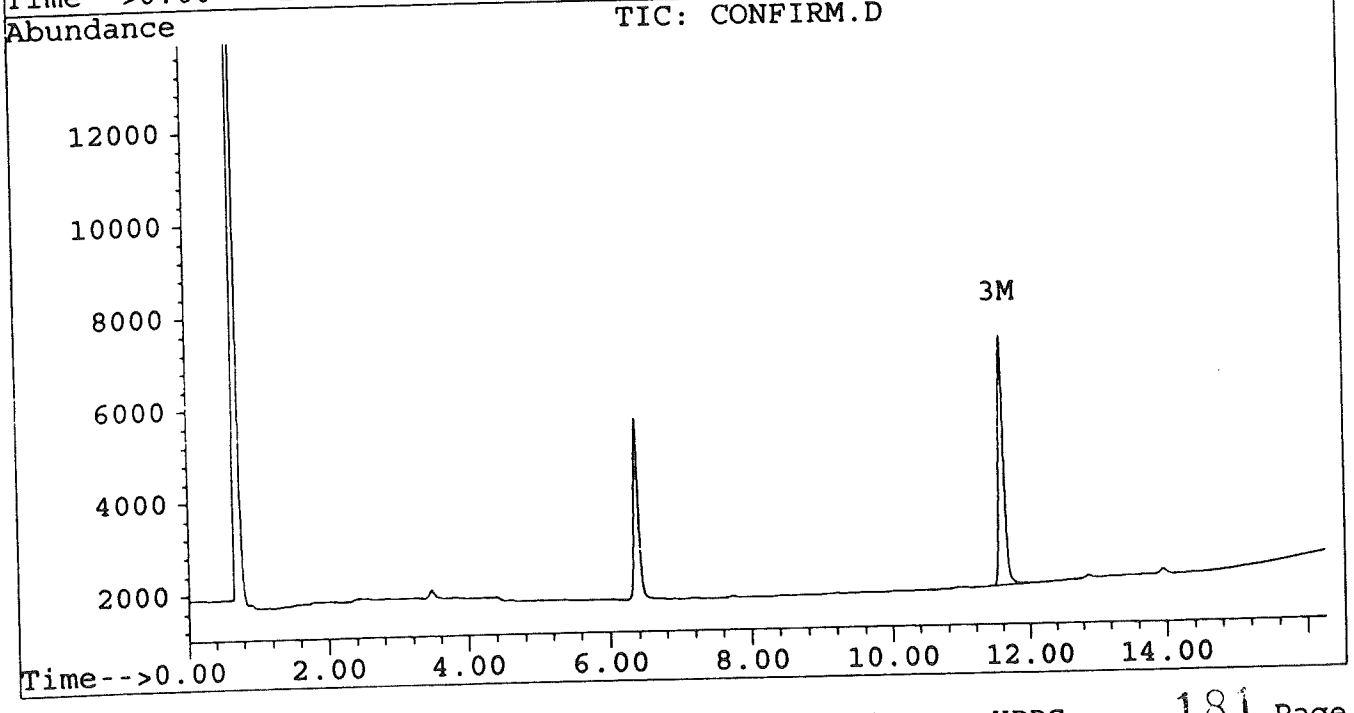
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618K.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618K.D\CONFIRM.D
Acq On : 19 Jun 96 09:12 AM
Sample : PCB COGENER SPIKE 50 NG/ML
Misc : PW960617C
Quant Time: Jun 19 18:27 1996

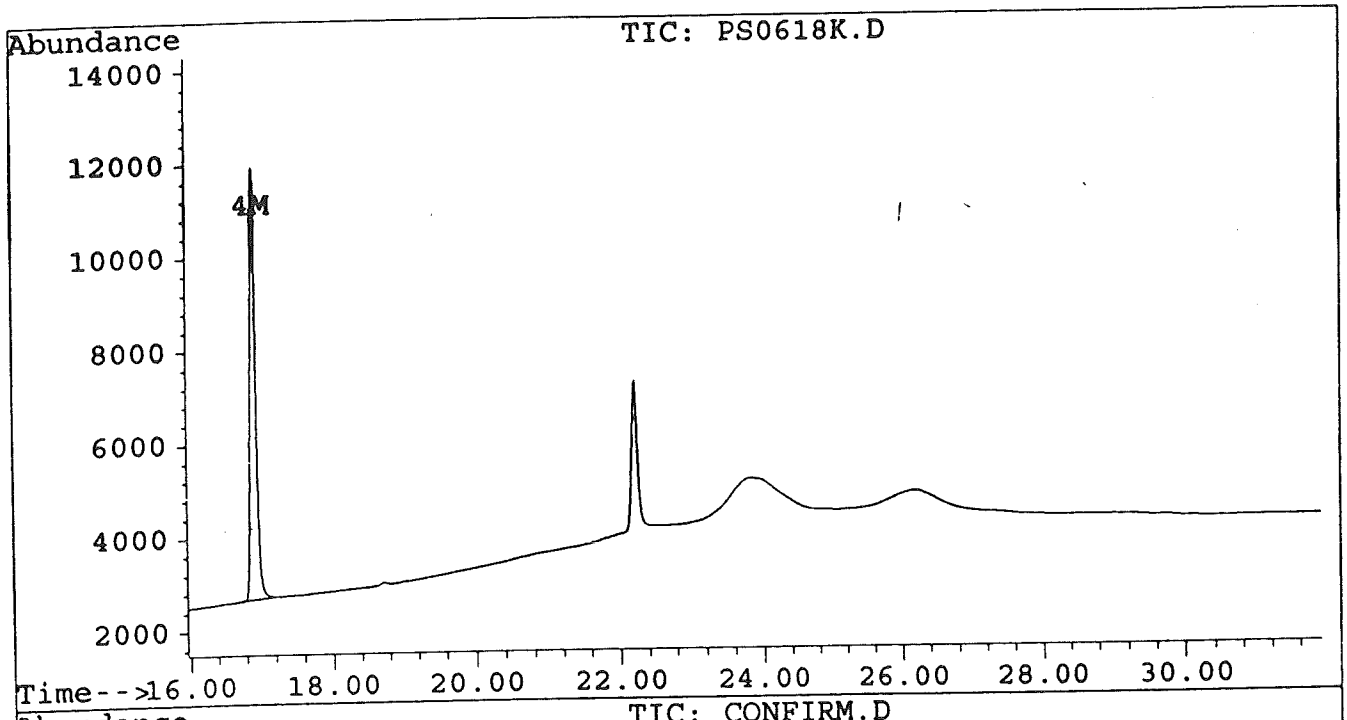
Vial: 72

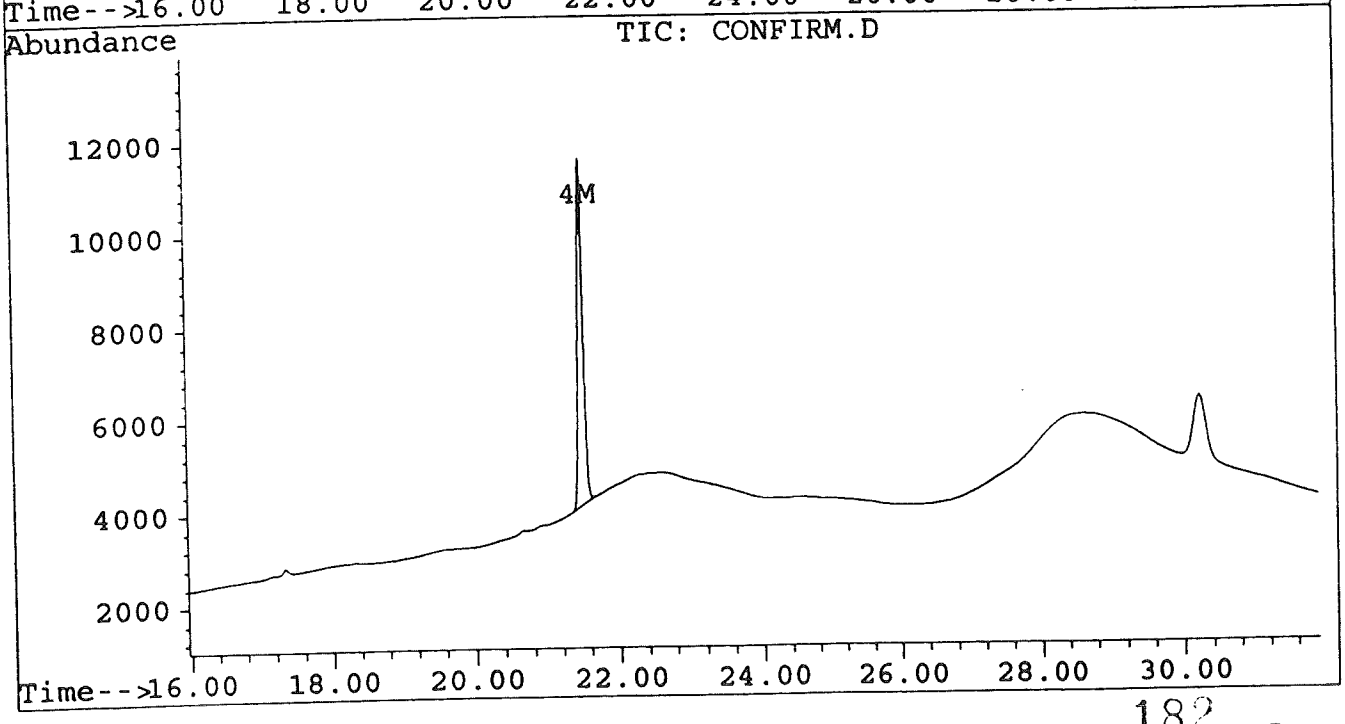
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618L.D Vial: 73
Signal #2 : D:\HPCHEM\5\JUN17\PS0618L.D\CONFIRM.D
Acq On : 19 Jun 96 09:48 AM Operator: JS
Sample : PCB COGENER SPIKE 25 NG/ML Inst : ECD1
Misc : PW960617D Multiplr: 1.00
Quant Time: Jun 19 18:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
2)	S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.19	11.60	2979	2642	0.027	0.024
4)	M 2,2',3,3',4,4'-Hexa	16.90	21.49	4358	3615	0.028m	0.018m#
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.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\JUN17\PS0618L.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618L.D\CONFIRM.D
Acq On : 19 Jun 96 09:48 AM
Sample : PCB COGENER SPIKE 25 NG/ML
Misc : PW960617D
Quant Time: Jun 19 18:28 1996

Vial: 73

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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.
			0	0	N.D.	N.D.
Total Aroclor-1254					0.000	0.000
Average Aroclor-1254						
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.
			0	0	N.D.	N.D.
Total Aroclor-1260					0.000	0.000
Average Aroclor-1260						
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.
			0	0	N.D.	N.D.
Total Aroclor-1268					0.000	0.000
Average Aroclor-1268						

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618L.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618L.D\CONFIRM.D
Acq On : 19 Jun 96 09:48 AM
Sample : PCB COGENER SPIKE 25 NG/ML
Misc : PW960617D
Quant Time: Jun 19 18:28 1996

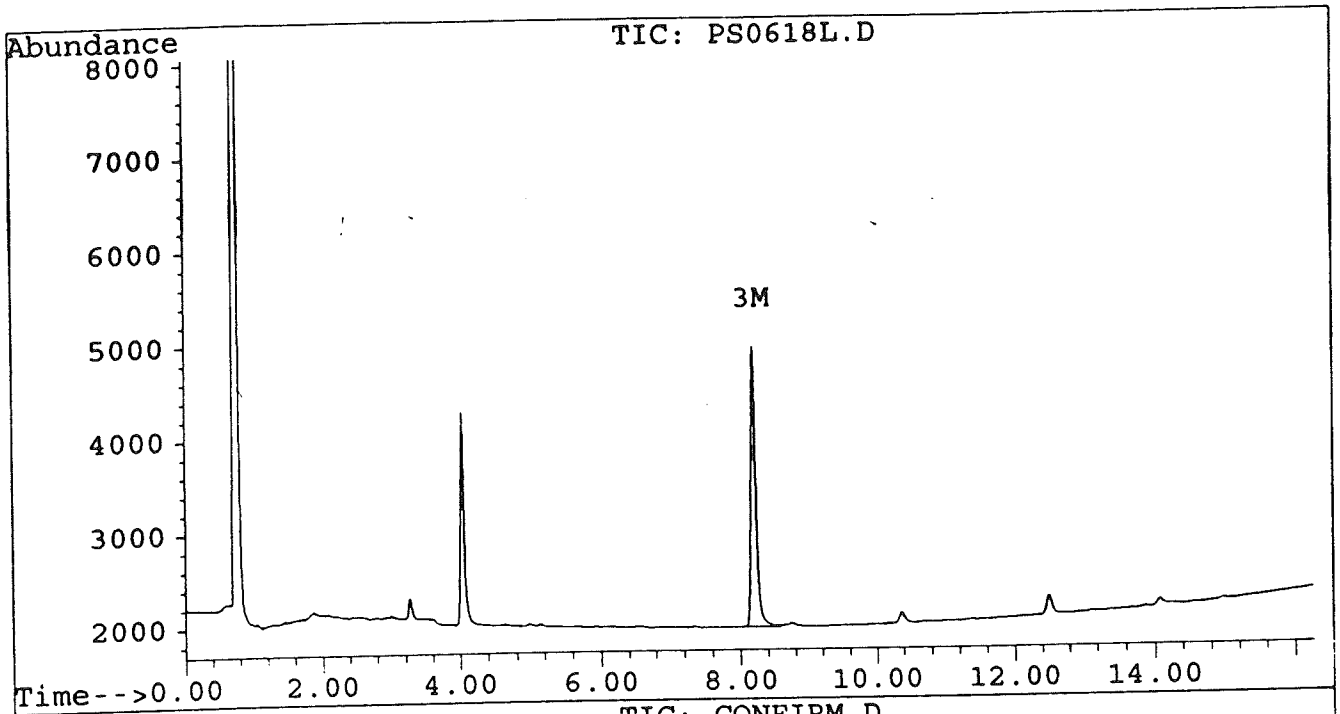
Vial: 73

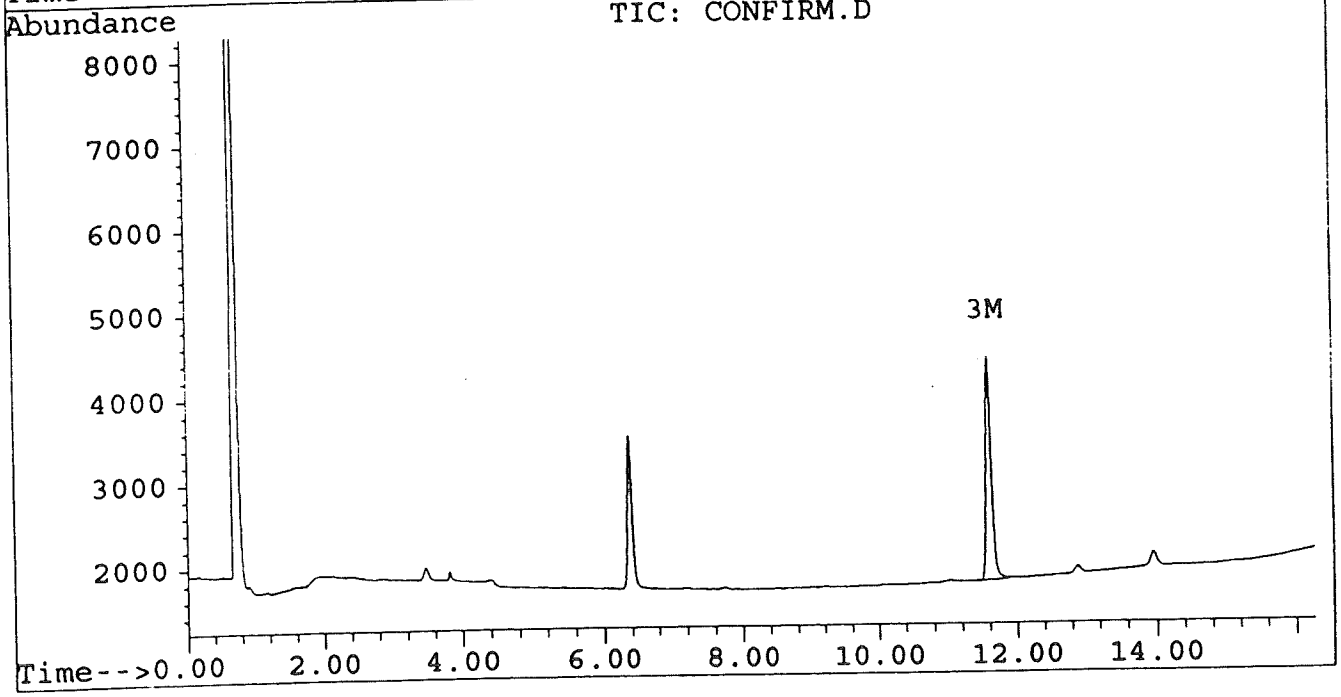
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618L.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618L.D\CONFIRM.D
Acq On : 19 Jun 96 09:48 AM
Sample : PCB COGENER SPIKE 25 NG/ML
Misc : PW960617D
Quant Time: Jun 19 18:28 1996

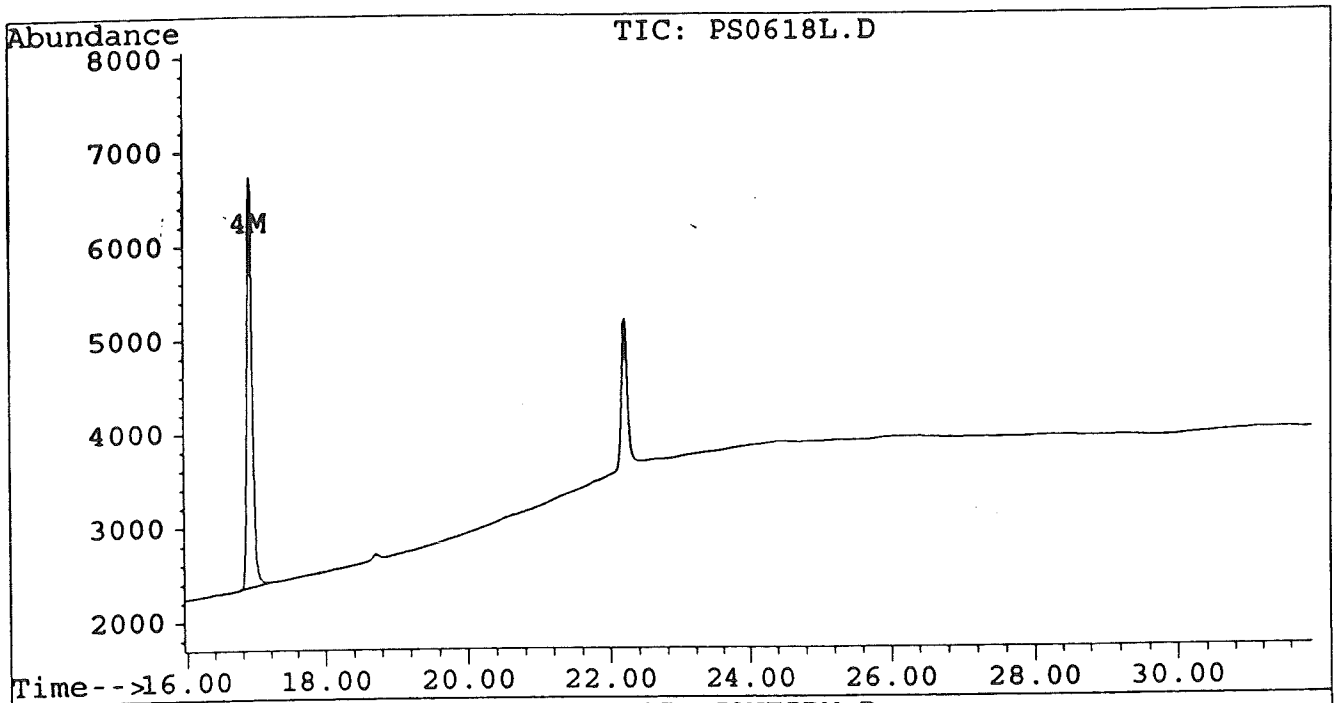
Vial: 73

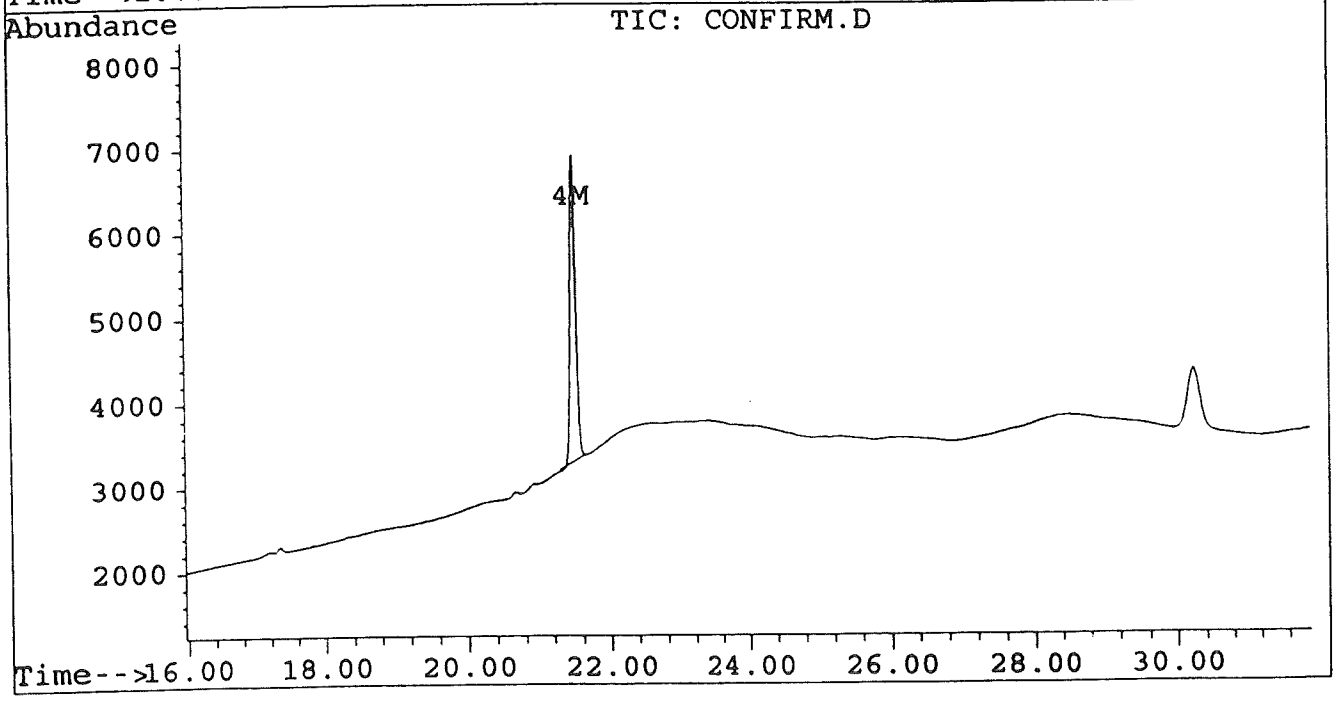
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618M.D Vial: 74
Signal #2 : D:\HPCHEM\5\JUN17\PS0618M.D\CONFIRM.D
Acq On : 19 Jun 96 10:23 AM Operator: JS
Sample : PCB COGENER SPIKE 12.5 NG/ML Inst : ECD1
Misc : PW960617E Multiplr: 1.00
Quant Time: Jun 19 18:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.19	11.60	1528	1352	0.014	0.012
4) M	2,2',3,3',4,4'-Hexa	16.90	21.48	2180	1826	0.014m	0.009m#
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.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\JUN17\PS0618M.D Vial: 74
Signal #2 : D:\HPCHEM\5\JUN17\PS0618M.D\CONFIRM.D
Acq On : 19 Jun 96 10:23 AM Operator: JS
Sample : PCB COGENER SPIKE 12.5 NG/ML Inst : ECD1
Misc : PW960617E Multiplr: 1.00
Quant Time: Jun 19 18:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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

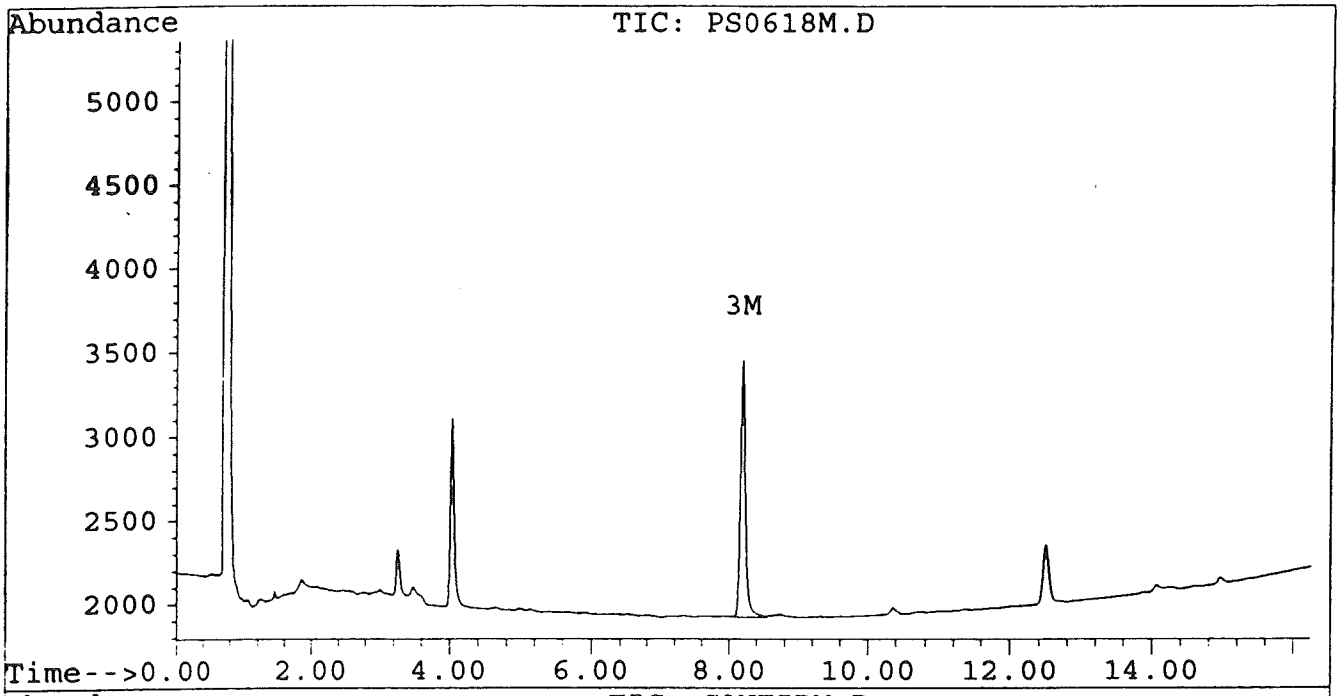
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

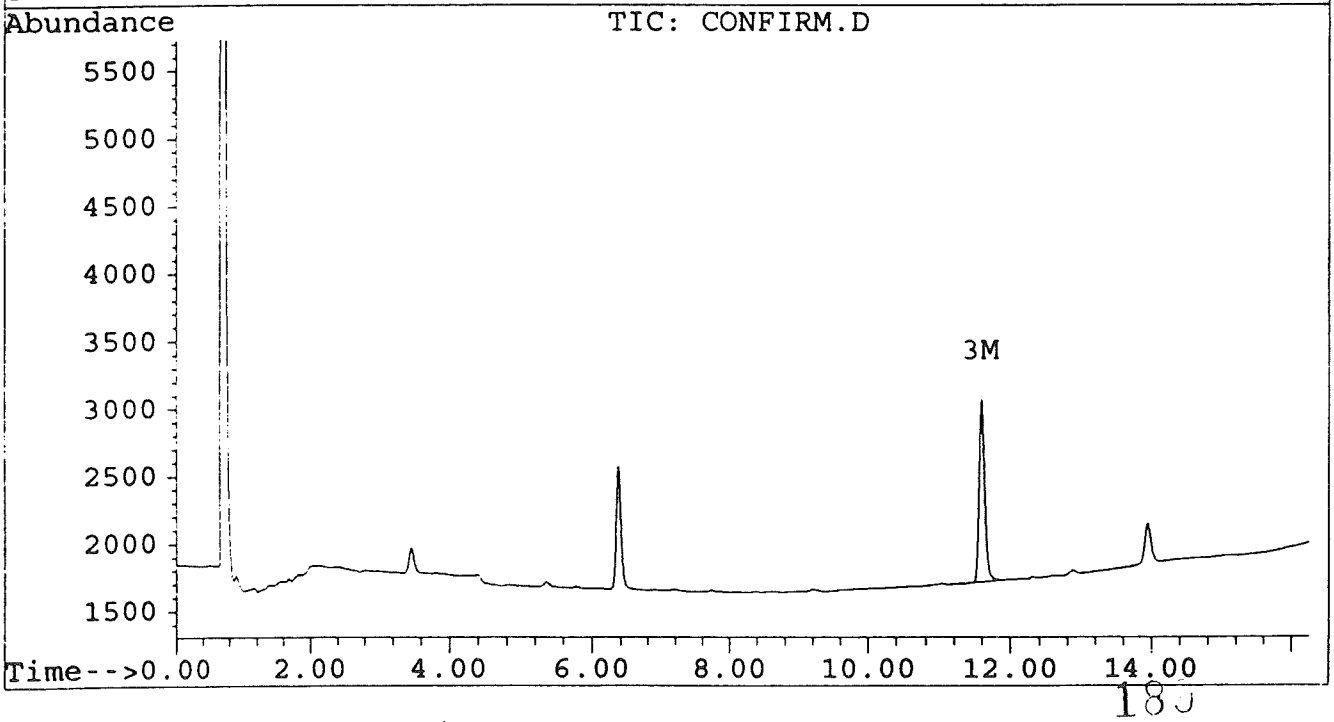
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN17\PS0618M.D Vial: 74
Signal #2 : D:\HPCHEM\5\JUN17\PS0618M.D\CONFIRM.D
Acq On : 19 Jun 96 10:23 AM Operator: JS
Sample : PCB COGENER SPIKE 12.5 NG/ML Inst : ECD1
Misc : PW960617E Multiplr: 1.00
Quant Time: Jun 19 18:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JUN17\PS0618M.D
Signal #2 : D:\HPCHEM\5\JUN17\PS0618M.D\CONFIRM.D
Acq On : 19 Jun 96 10:23 AM
Sample : PCB COGENER SPIKE 12.5 NG/ML
Misc : PW960617E
Quant Time: Jun 19 18:29 1996

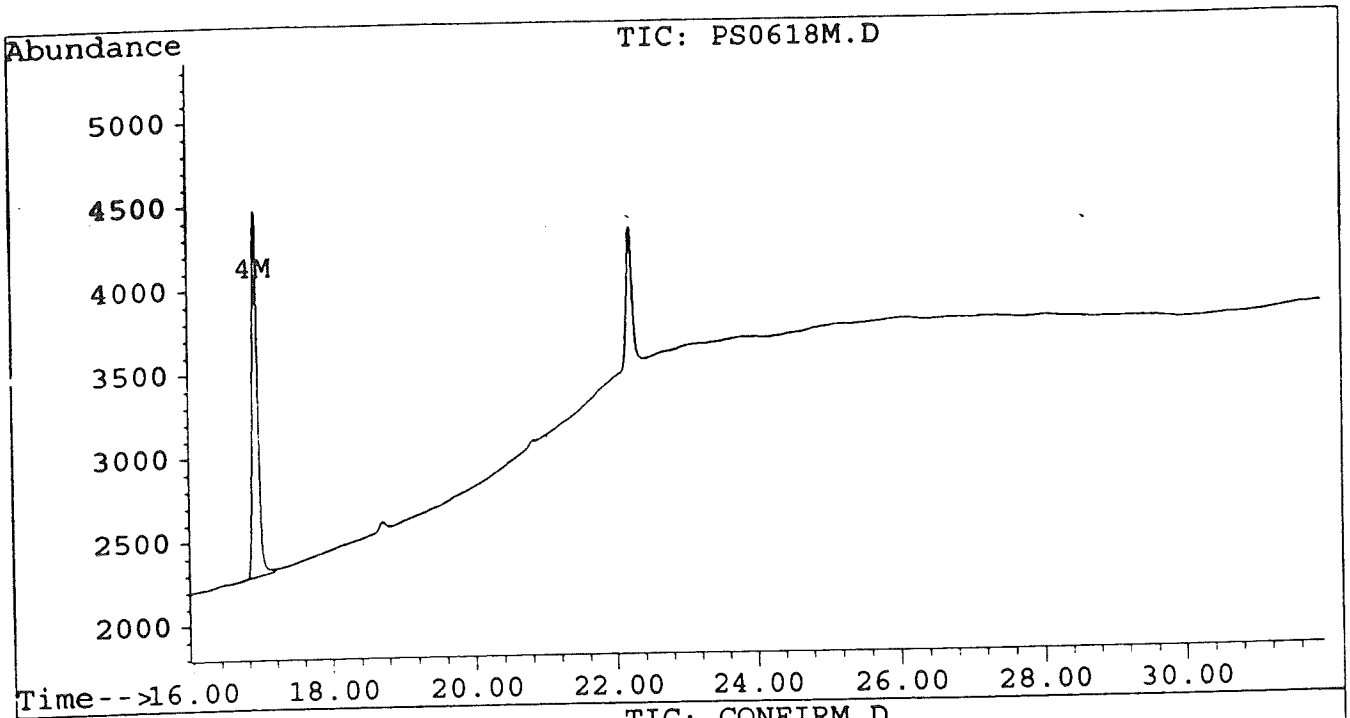
Vial: 74

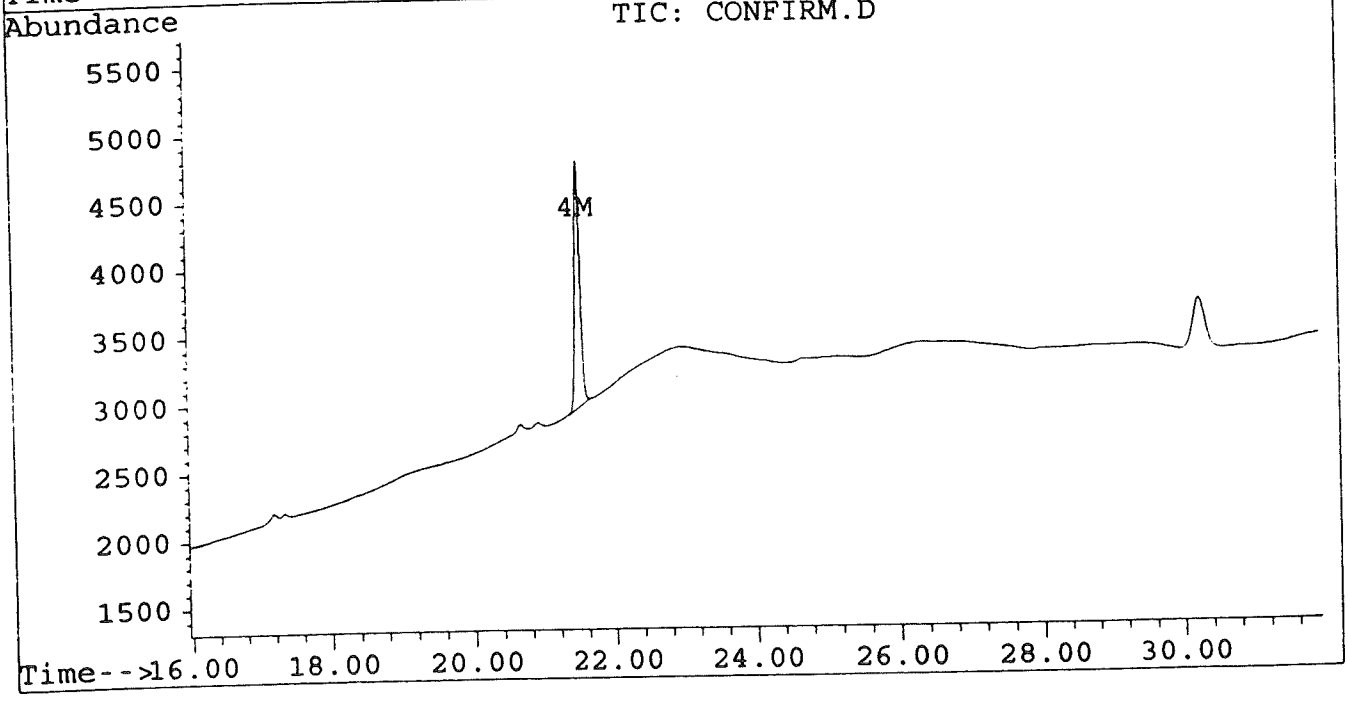
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB5.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB5.D\CONFIRM.D
Acq On : 10 May 96 08:31 PM
Sample : AR1660 0.1 UG/ML
Misc :
Quant Time: May 15 14:47 1996

Vial: 5

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.04	6.39f	455	410	0.000	0.000
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	22.21	30.28	374	187	0.000	0.000 #
			Recovery	=	0.00%	0.00%
Target Compounds						
3) L1 Aroclor-1016	6.78	8.74	1358	566	0.002	0.001 #
4) L1 Aroclor-1016 {2}	8.91	10.27	619	1186	0.000	0.001 #
5) L1 Aroclor-1016 {3}	9.30	12.19	1019	677	0.000	0.000 #
Total Aroclor-1016			2996	2428	0.002	0.002
Average Aroclor-1016					0.001	0.001
6) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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.

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB5.D Vial: 5
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB5.D\CONFIRM.D
Acq On : 10 May 96 08:31 PM Operator: JS
Sample : AR1660 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
18) L6	Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7	Aroclor-1260	13.90	18.14	1310	1205	0.001	0.001
22) L7	Aroclor-1260 {2}	14.68	18.46f	1487	1362	0.001	0.001
23) L7	Aroclor-1260 {3}	17.89f	21.87f	1810	1839	0.001	0.001
Total	Aroclor-1260			4607	4407	0.002	0.002
Average	Aroclor-1260					0.001	0.001
24) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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\PCB5LVL1\PCB5.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB5.D\CONFIRM.D
Acq On : 10 May 96 08:31 PM
Sample : AR1660 0.1 UG/ML
Misc :
Quant Time: May 15 14:47 1996

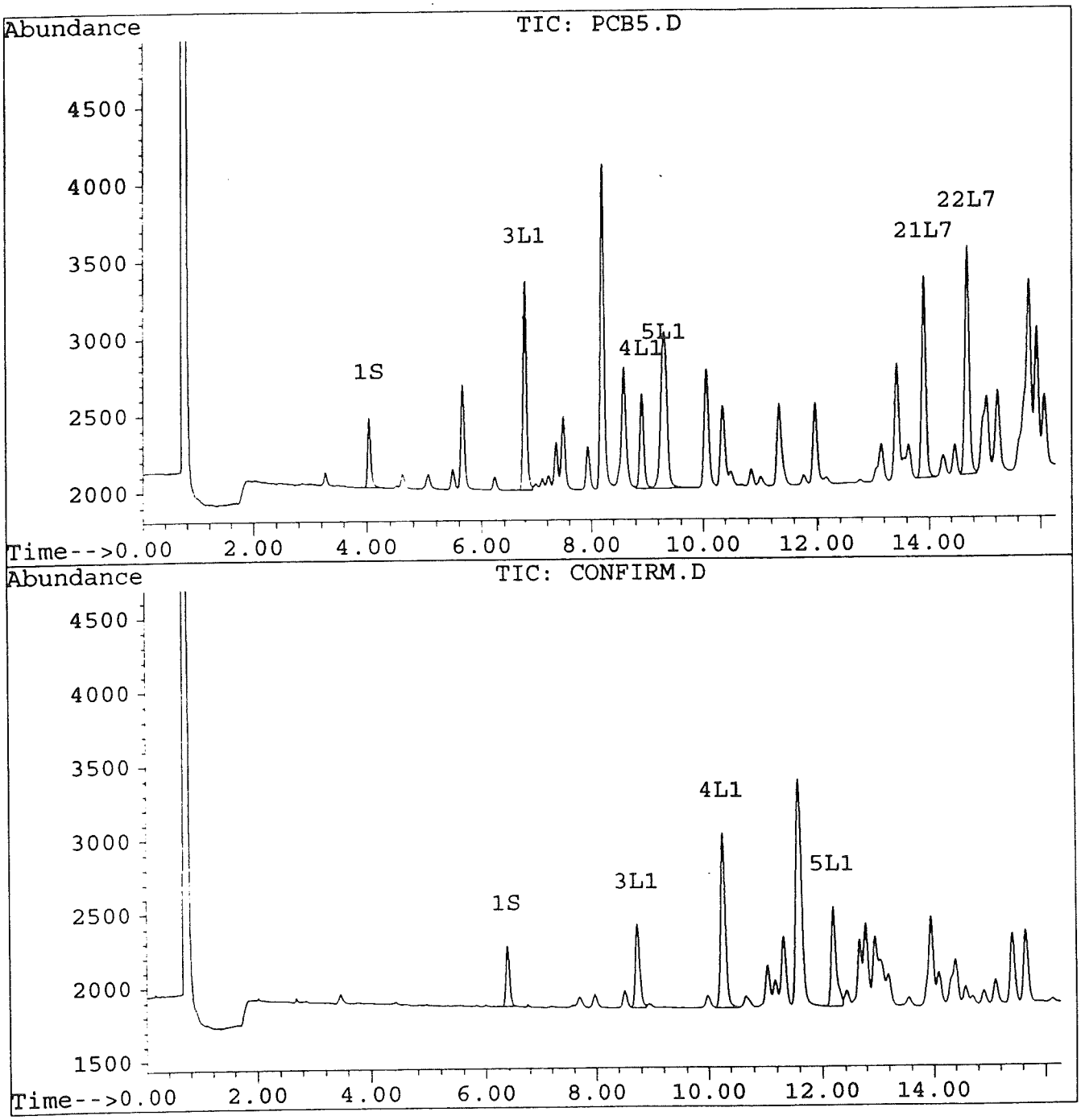
Vial: 5

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB5.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB5.D\CONFIRM.D
Acq On : 10 May 96 08:31 PM
Sample : AR1660 0.1 UG/ML
Misc :
Quant Time: May 15 14:47 1996

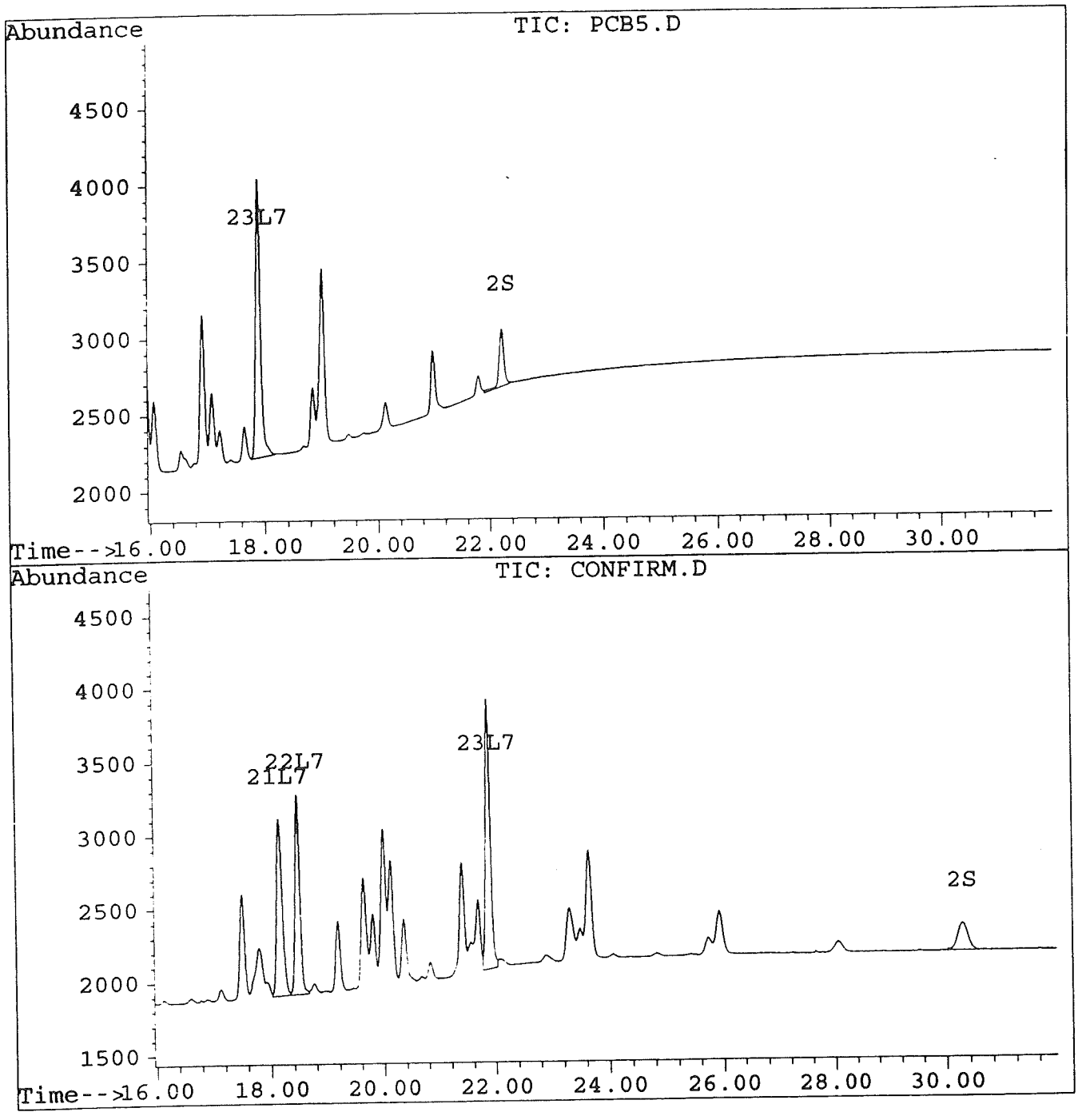
Vial: 5

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB4.D Vial: 4
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB4.D\CONFIRM.D
Acq On : 10 May 96 07:55 PM Operator: JS
Sample : AR1660 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.04	6.39f	2392	2063	0.000	0.000	
				Recovery	=	0.00%	0.00%	
2) S	Decachlorobiphenyl	22.21	30.28	1750	854	0.000	0.000	#
				Recovery	=	0.00%	0.00%	
	Target Compounds							
3) L1	Aroclor-1016	6.78	8.74	6097	2513	0.008	0.004	#
4) L1	Aroclor-1016 {2}	8.91	10.27	3048	5068	0.002	0.003	#
5) L1	Aroclor-1016 {3}	9.30	12.19	4692	3033	0.002	0.001	#
Total	Aroclor-1016			13837	10614	0.011	0.008	
Average	Aroclor-1016					0.004	0.003	
6) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d	
7) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d	
8) 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	
9) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d	
10) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d	
11) 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	
12) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d	
13) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d	
14) 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	
15) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d	
16) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d	
17) 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.
PCB4.D PCB1B.M Thu May 16 09:43:01 1996 HPPC Page 1

Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB4.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB4.D\CONFIRM.D
Acq On : 10 May 96 07:55 PM
Sample : AR1660 0.5 UG/ML
Misc :
Quant Time: May 15 14:49 1996

Vial: 4

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	13.90	18.14	6114	5364	0.003	0.003
22) L7 Aroclor-1260 {2}	14.68	18.46f	6964	5951	0.003	0.003
23) L7 Aroclor-1260 {3}	17.89f	21.87f	9305	8465	0.003	0.003
Total Aroclor-1260			22382	19780	0.010	0.010
Average Aroclor-1260					0.003	0.003
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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\PCB5LVL1\PCB4.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB4.D\CONFIRM.D
Acq On : 10 May 96 07:55 PM
Sample : AR1660 0.5 UG/ML
Misc :
Quant Time: May 15 14:49 1996

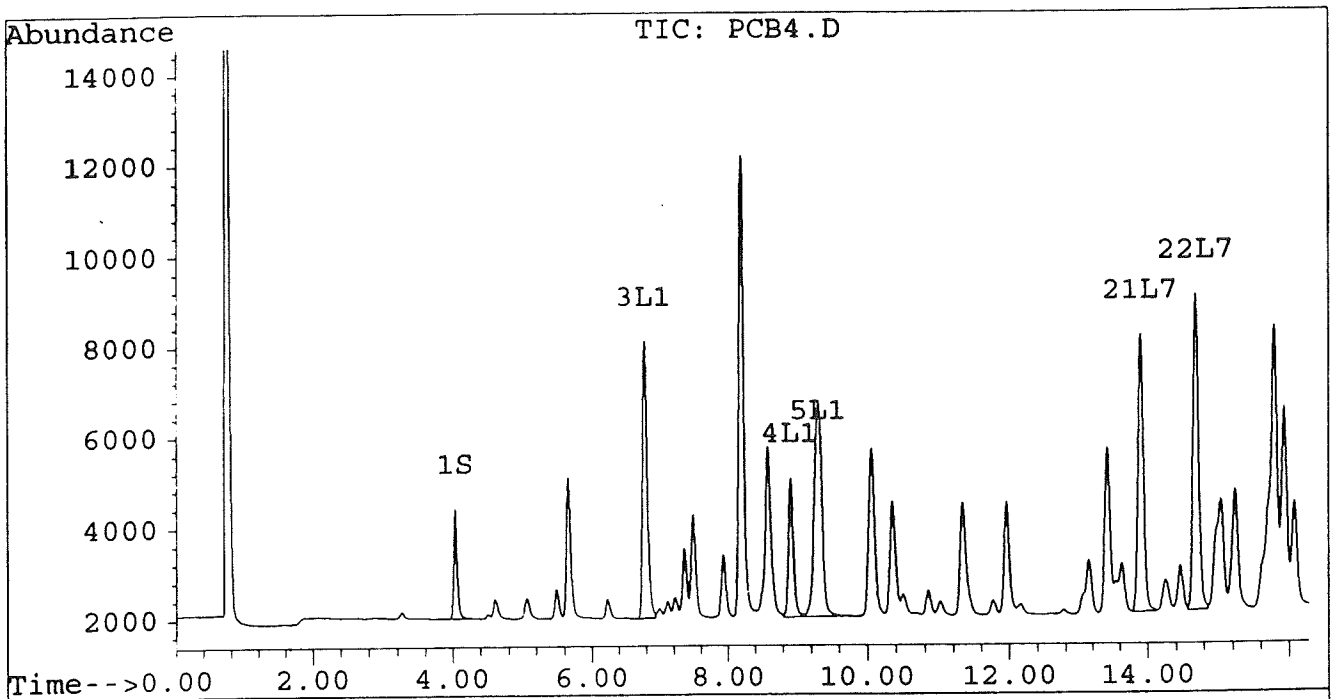
Vial: 4

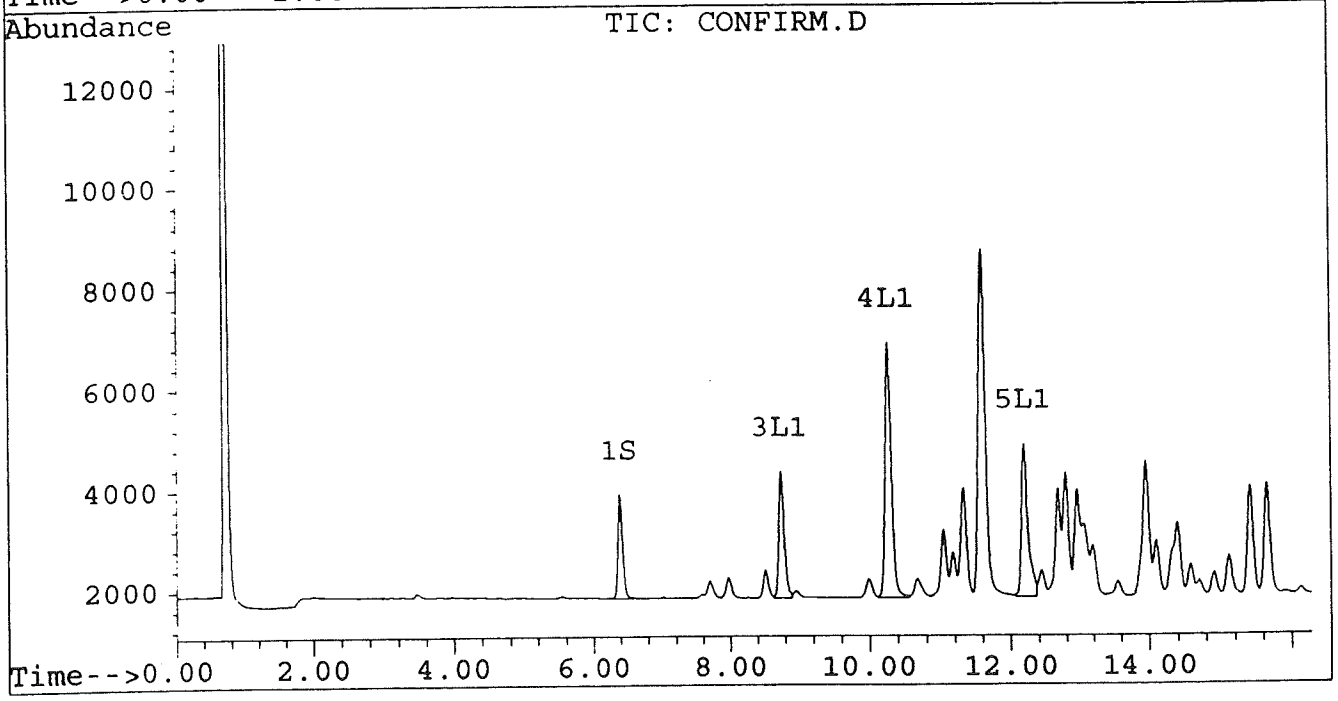
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB4.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB4.D\CONFIRM.D
Acq On : 10 May 96 07:55 PM
Sample : AR1660 0.5 UG/ML
Misc :
Quant Time: May 15 14:49 1996

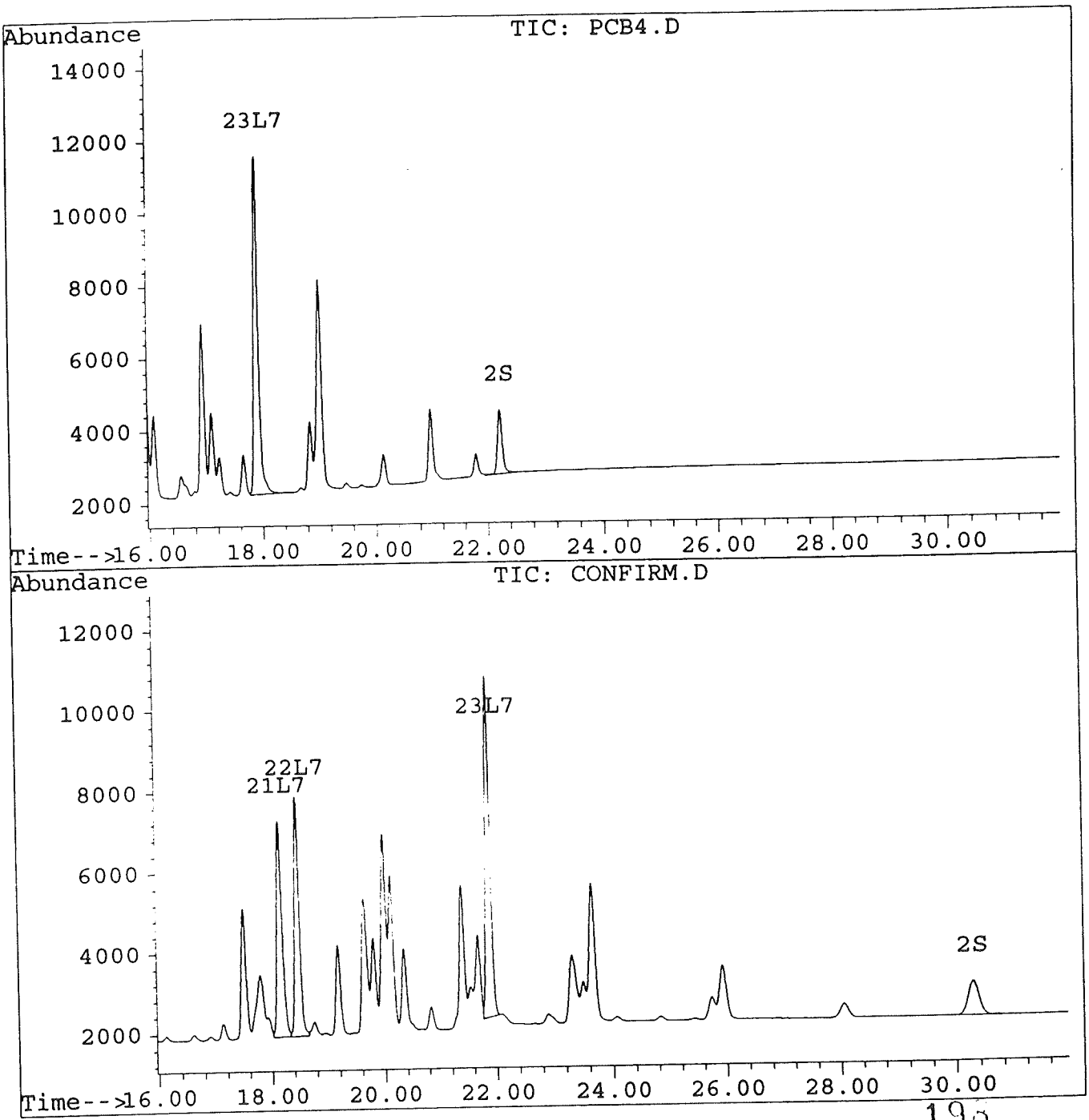
Vial: 4

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB3.D Vial: 3
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB3.D\CONFIRM.D
Acq On : 10 May 96 07:20 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.04	6.39f	4694	4003	0.001	0.001
				Recovery	=	0.00%	0.00%
2) S	Decachlorobiphenyl	22.21	30.27	3306	1571	0.001	0.000 #
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) L1	Aroclor-1016	6.78	8.74	10798	4437	0.013	0.006 #
4) L1	Aroclor-1016 {2}	8.91	10.27	5759	8870	0.003	0.005 #
5) L1	Aroclor-1016 {3}	9.31	12.19	8566	5432	0.003	0.002 #
Total	Aroclor-1016			25123	18739	0.020	0.014
Average	Aroclor-1016					0.007	0.005
6) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB3.D Vial: 3
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB3.D\CONFIRM.D
Acq On : 10 May 96 07:20 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	13.90	18.14f	11204	9670	0.006	0.005
22) L7 Aroclor-1260 {2}	14.68	18.46f	12843	10663	0.006	0.006
23) L7 Aroclor-1260 {3}	17.89	21.87f	18172	16114	0.006	0.006
Total Aroclor-1260			42220	36448	0.019	0.018
Average Aroclor-1260					0.006	0.006
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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

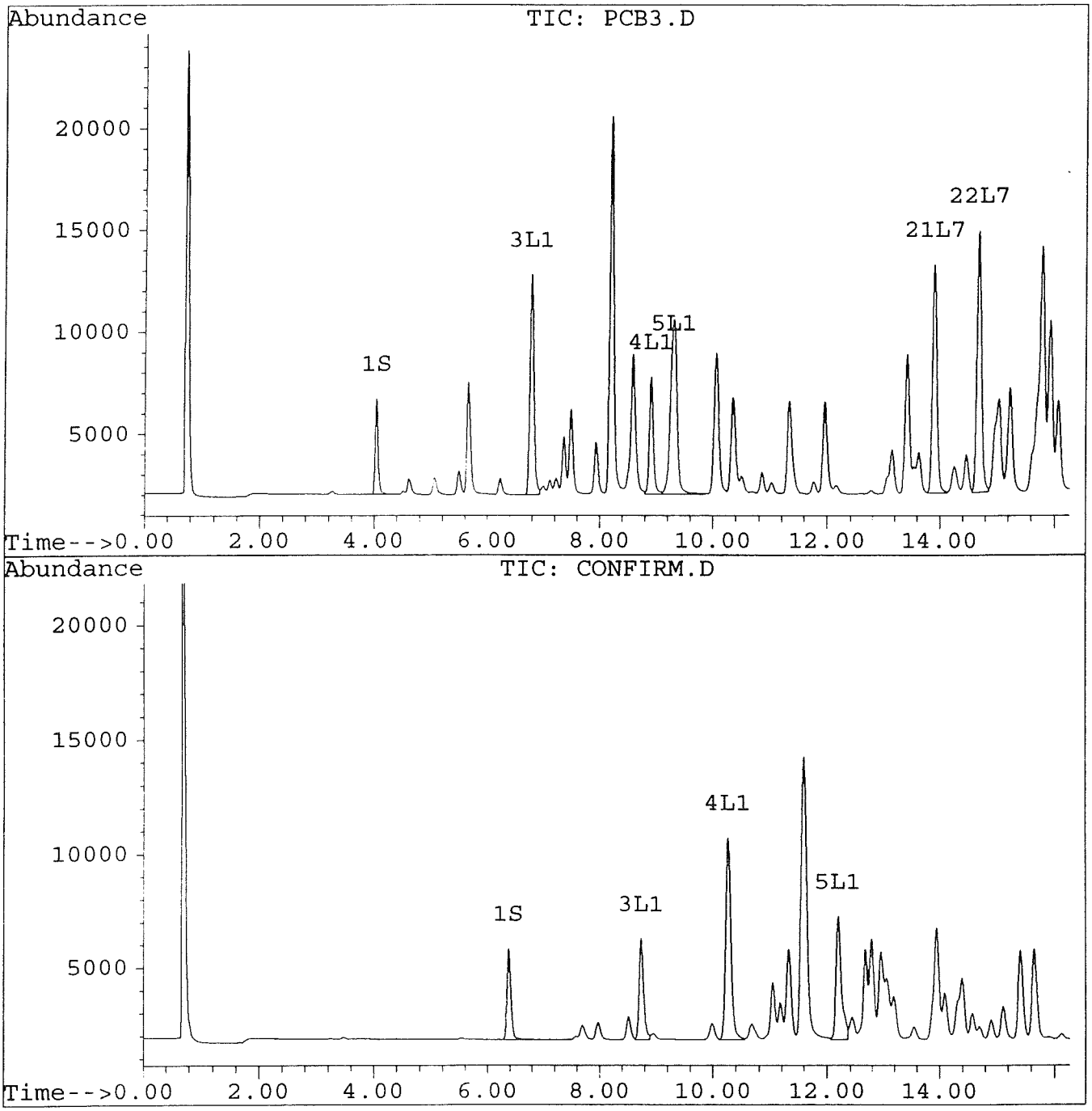
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB3.D Vial: 3
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB3.D\CONFIRM.D
Acq On : 10 May 96 07:20 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\PCB5LVL1\PCB3.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB3.D\CONFIRM.D
Acq On : 10 May 96 07:20 PM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: May 15 14:50 1996

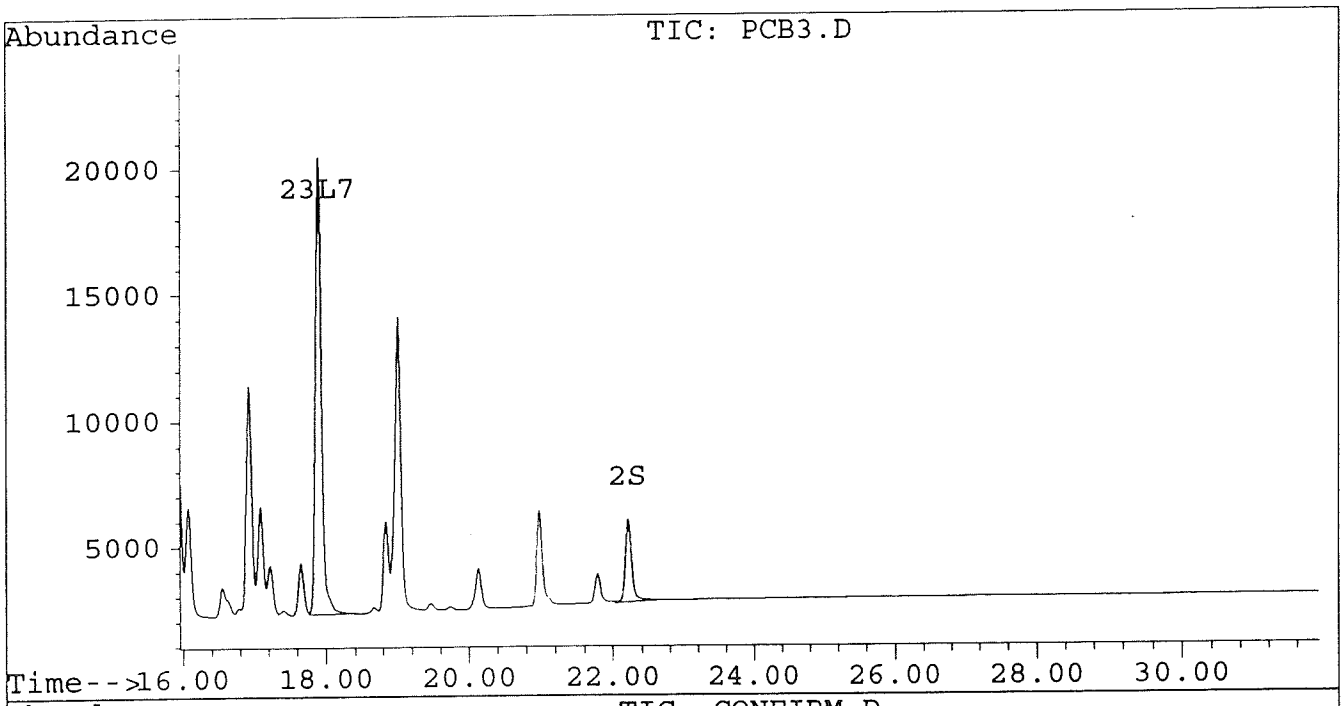
Vial: 3

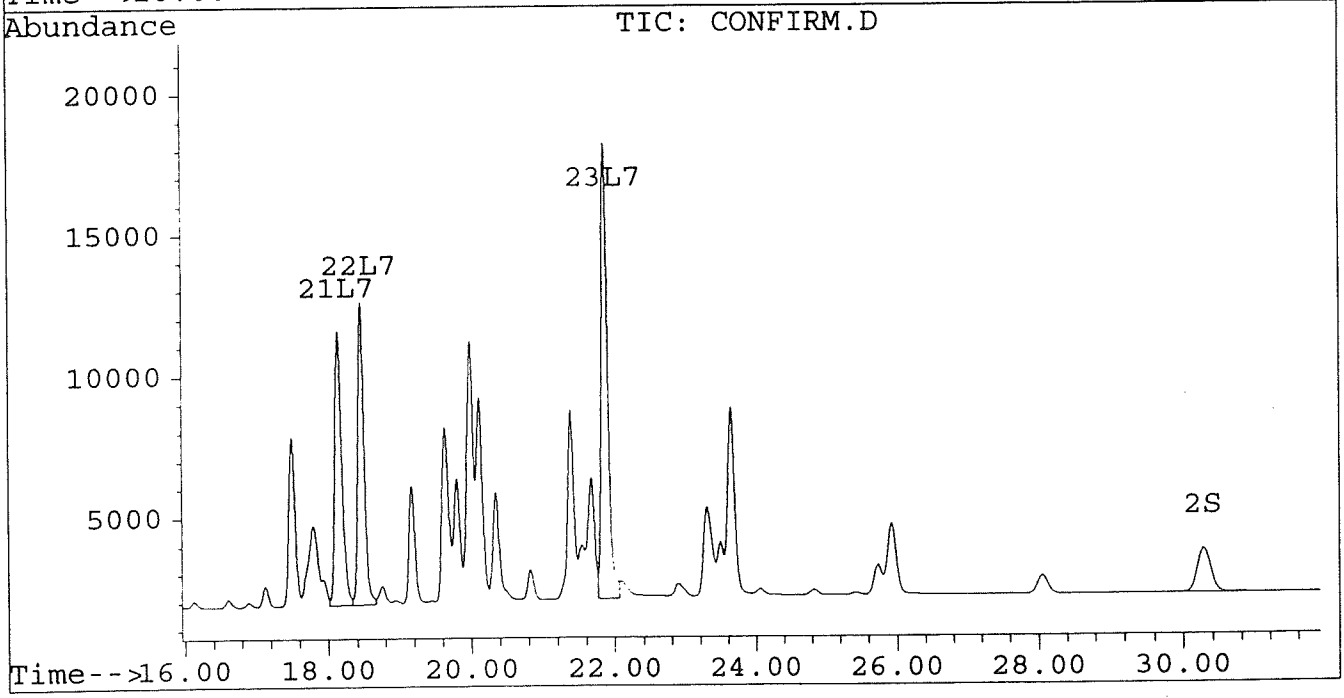
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB2.D Vial: 2
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB2.D\CONFIRM.D
Acq On : 10 May 96 06:44 PM Operator: JS
Sample : AR1660 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.04	6.39f	12970	10623	0.003	0.002	
				Recovery	=	0.01%	0.01%	
2) S	Decachlorobiphenyl	22.21	30.28	7936	3558	0.002	0.001	#
				Recovery	=	0.01%	0.00%	
	Target Compounds							
3) L1	Aroclor-1016	6.78	8.74	23865	9718	0.030	0.014	#
4) L1	Aroclor-1016 {2}	8.91	10.26	14380	19176	0.009	0.012	#
5) L1	Aroclor-1016 {3}	9.31	12.19	19712	12365	0.007	0.005	#
Total	Aroclor-1016			57957	41259	0.045	0.030	
Average	Aroclor-1016					0.015	0.010	
6) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d	
7) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d	
8) 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	
9) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d	
10) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d	
11) 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	
12) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d	
13) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d	
14) 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	
15) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d	
16) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d	
17) 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\PCB5LVL1\PCB2.D Vial: 2
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB2.D\CONFIRM.D
Acq On : 10 May 96 06:44 PM Operator: JS
Sample : AR1660 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
18) L6	Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7	Aroclor-1260	13.90	18.14f	25845	21430	0.014	0.012
22) L7	Aroclor-1260 {2}	14.68	18.46f	30005	23806	0.014	0.013
23) L7	Aroclor-1260 {3}	17.89	21.87f	44525	38000	0.016	0.015
Total	Aroclor-1260			100375	83237	0.044	0.040
Average	Aroclor-1260					0.015	0.013
24) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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.

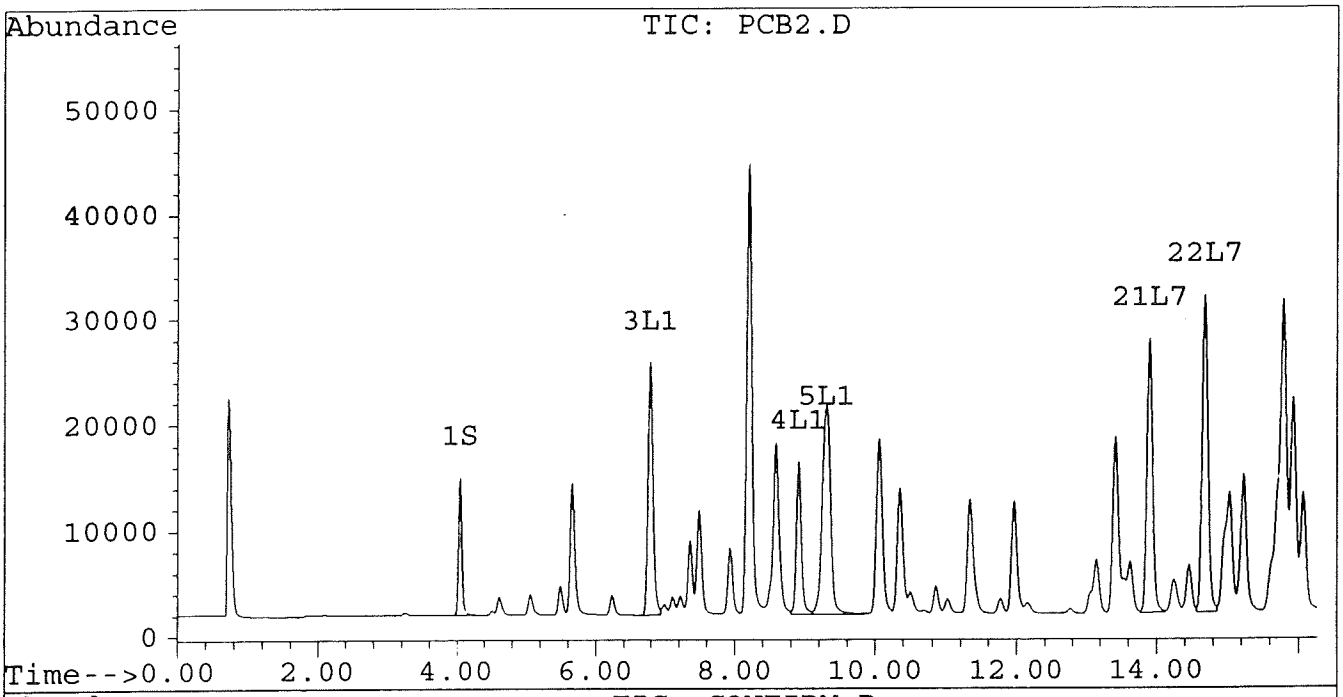
204

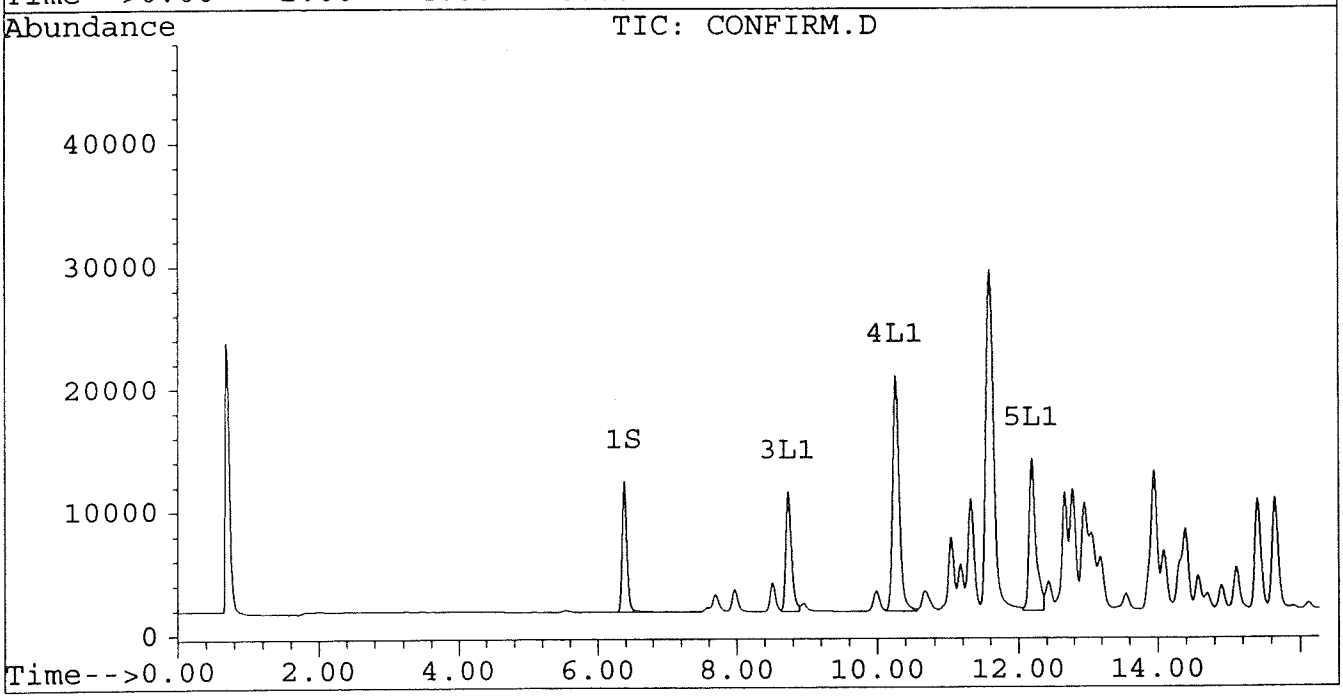
Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB2.D Vial: 2
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB2.D\CONFIRM.D
Acq On : 10 May 96 06:44 PM Operator: JS
Sample : AR1660 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\PCB5LVL1\PCB2.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB2.D\CONFIRM.D
Acq On : 10 May 96 06:44 PM
Sample : AR1660 2.5 UG/ML
Misc :
Quant Time: May 15 14:51 1996

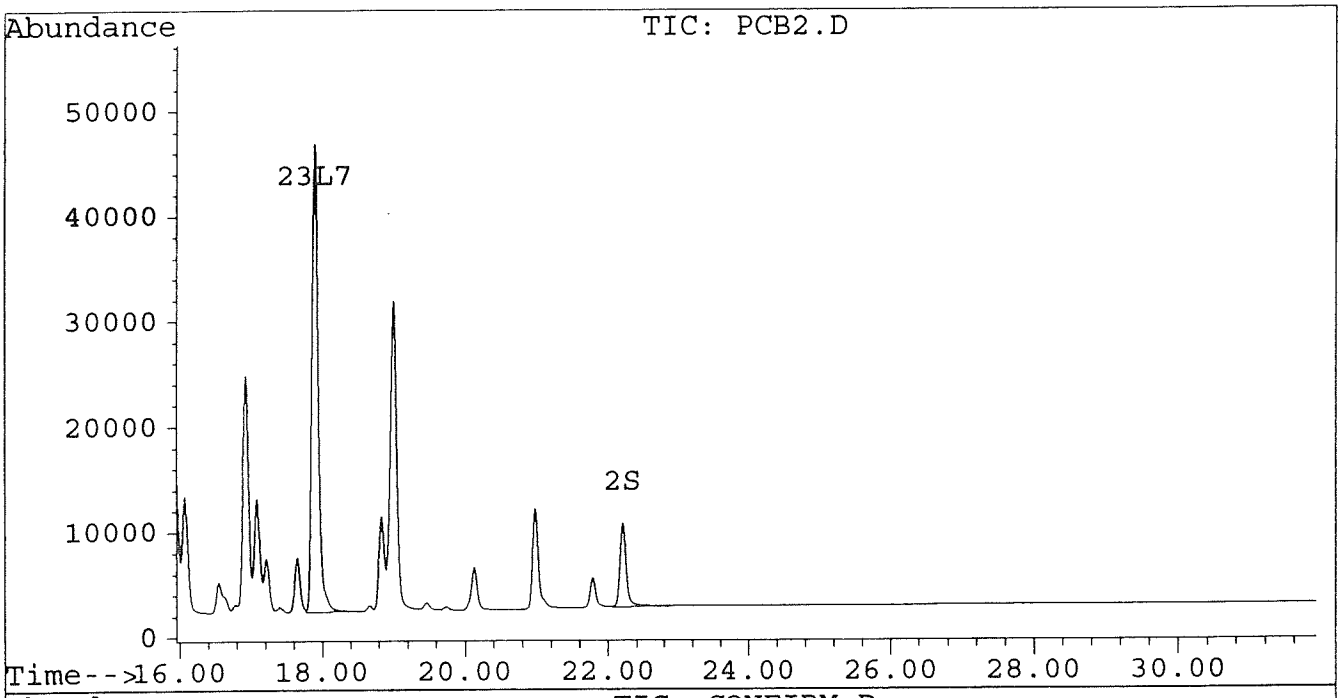
Vial: 2

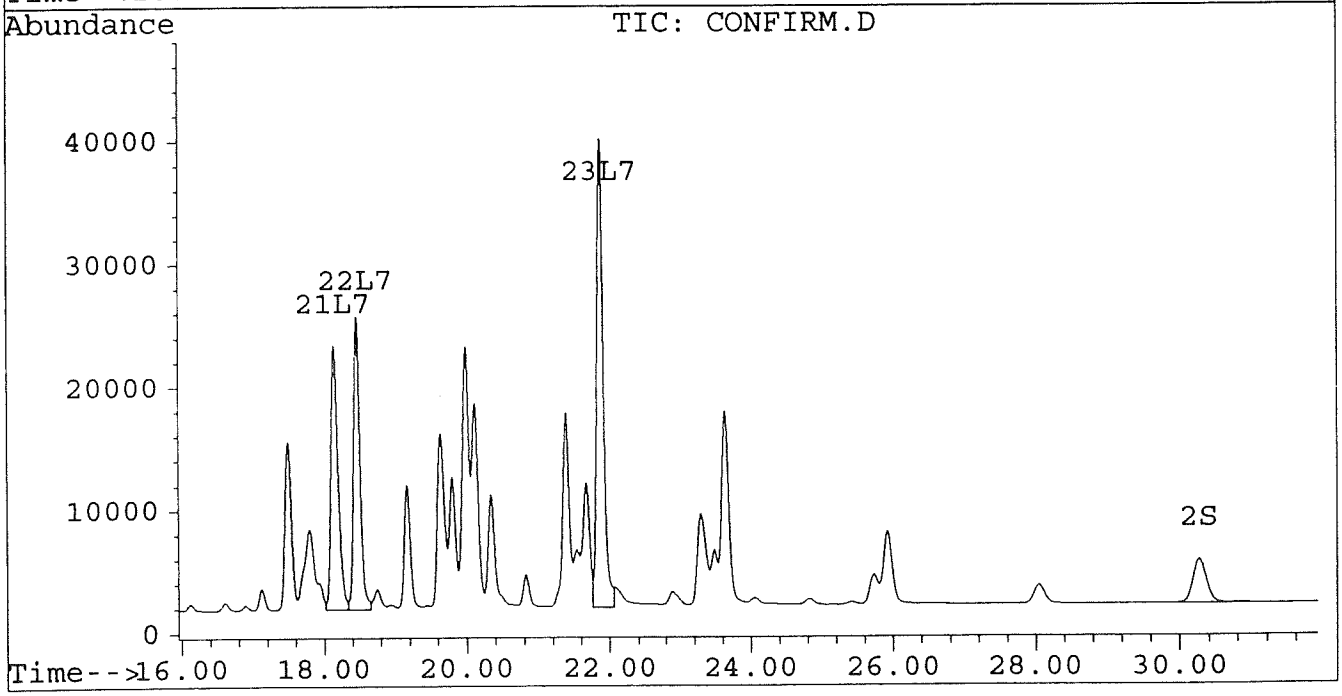
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB1.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB1.D\CONFIRM.D
Acq On : 10 May 96 06:07 PM
Sample : AR1660 5.0 UG/ML
Misc :
Quant Time: May 16 8:40 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.37f	29732	23429	0.006	0.005m
				Recovery	=	0.02%	0.01%
2) S	Decachlorobiphenyl	22.21	30.28	16456	7034	0.003	0.001 #
				Recovery	=	0.01%	0.00%
	Target Compounds						
3) L1	Aroclor-1016	6.79	8.73	44185	17905	0.055	0.026 #
4) L1	Aroclor-1016 {2}	8.92	10.26	29065	34510	0.018	0.021
5) L1	Aroclor-1016 {3}	9.32	12.18	37673	23161	0.013	0.009 #
Total	Aroclor-1016			110922	75576	0.085	0.056
Average	Aroclor-1016					0.028	0.019
6) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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\PCB5LVL1\PCB1.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB1.D\CONFIRM.D
Acq On : 10 May 96 06:07 PM
Sample : AR1660 5.0 UG/ML
Misc :
Quant Time: May 16 8:40 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	13.90	18.14f	49920	39966	0.027	0.022
22) L7 Aroclor-1260 {2}	14.69	18.45f	57811	44234	0.027	0.025
23) L7 Aroclor-1260 {3}	17.89	21.87f	90268	72100	0.031	0.028
Total Aroclor-1260			198000	156300	0.086	0.075
Average Aroclor-1260					0.029	0.025
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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\PCB5LVL1\PCB1.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB1.D\CONFIRM.D
Acq On : 10 May 96 06:07 PM
Sample : AR1660 5.0 UG/ML
Misc :
Quant Time: May 16 8:40 1996

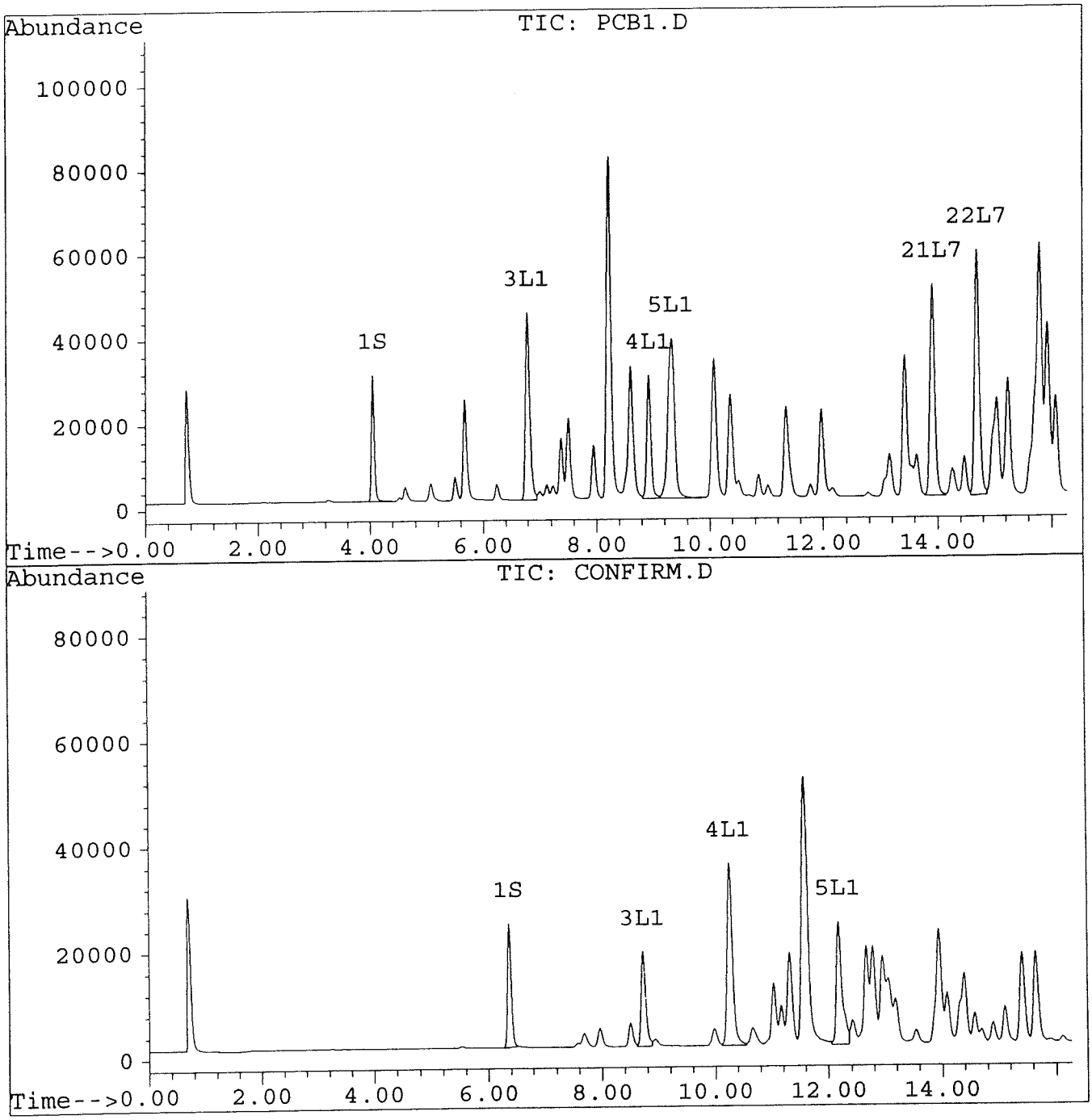
Vial: 1

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

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

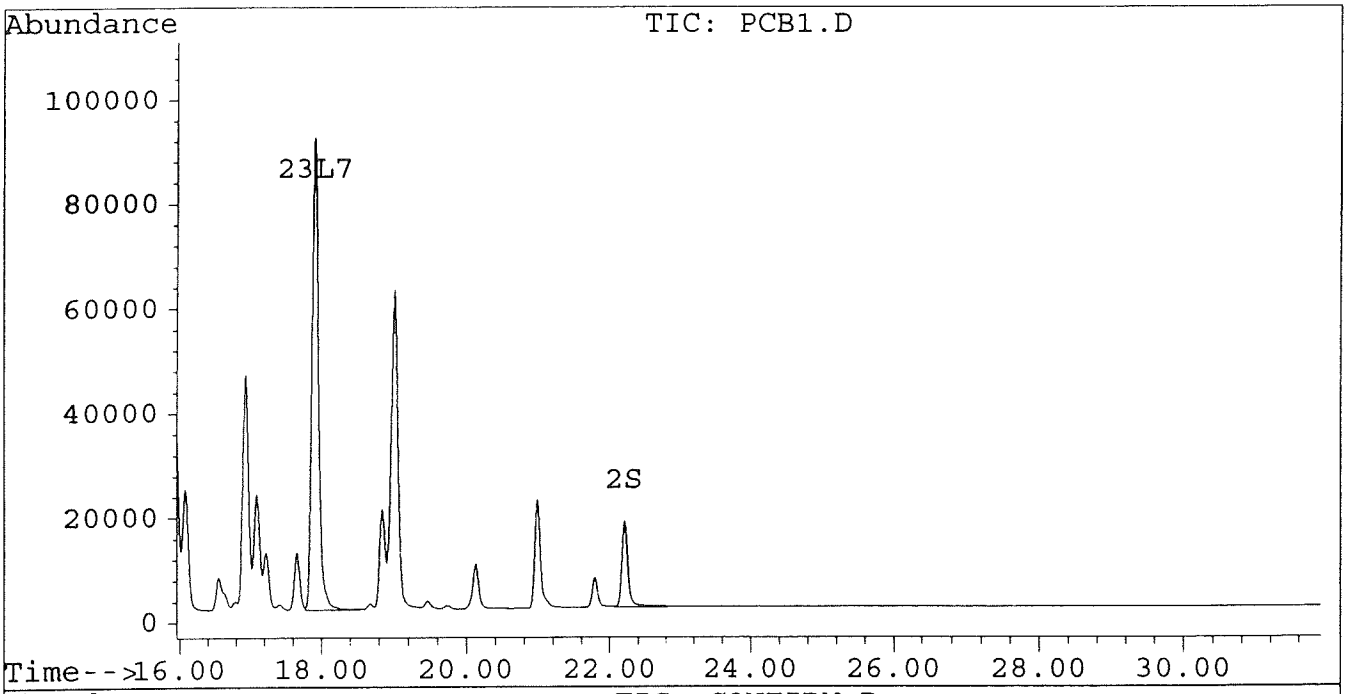


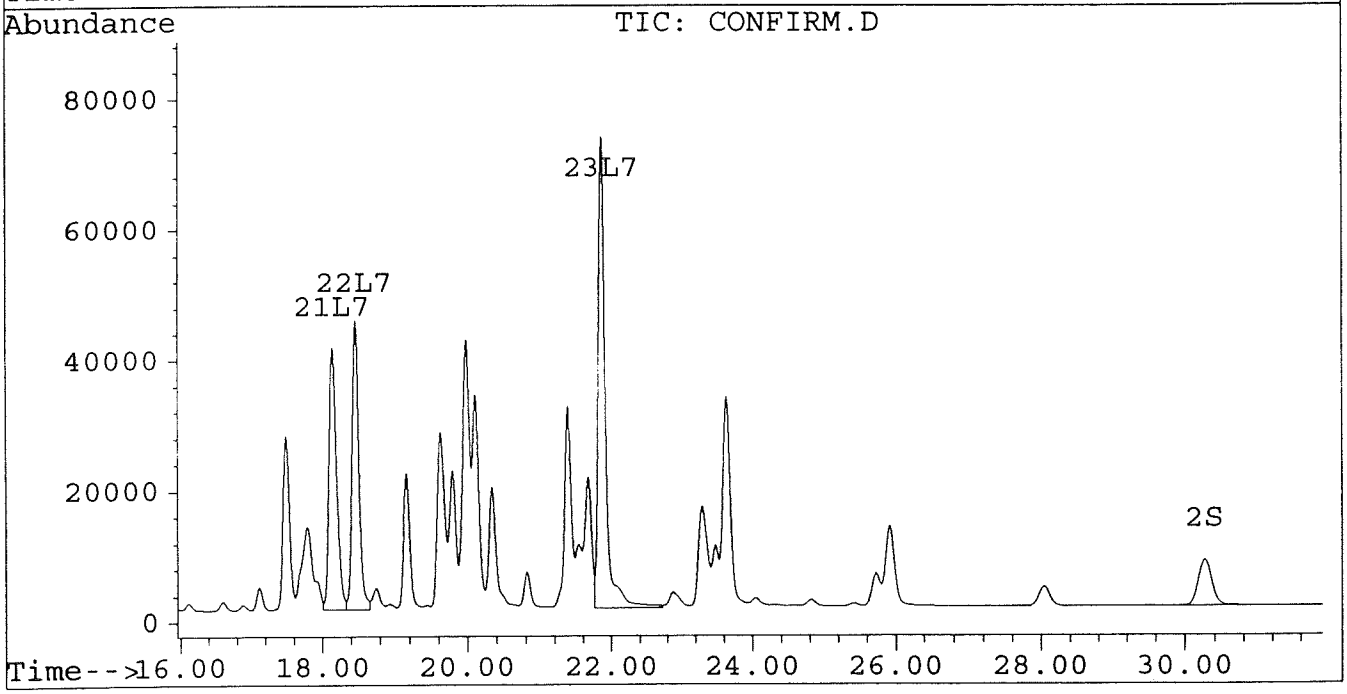
Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB1.D Vial: 1
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB1.D\CONFIRM.D
Acq On : 10 May 96 06:07 PM Operator: JS
Sample : AR1660 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 16 8:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\6\MY14\PS0514E.D Vial: 5
Signal #2 : D:\HPCHEM\6\MY14\PS0514E.D\CONFIRM.D
Acq On : 14 May 96 06:33 PM Operator: JS
Sample : AR1254 5.0 UG/ML Inst : ECD2
Misc : Multiplr: 1.00
Quant Time: May 14 19:07 1996

Method : C:\HPCHEM\6\METHODS\PCB2B.M
Title : PCB 5 LEVEL
Last Update : Mon May 13 08:44:37 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.26	6.54	12209	21183	0.097	0.098
				Recovery	=	242.50%	245.00%
2) S	Decachlorobiphenyl	20.21	29.19	5936	7578	0.081	0.080
				Recovery	=	202.50%	200.00%
	Target Compounds						
3) L1	Aroclor-1016	6.80	8.65	460	370	0.031	0.025
4) L1	Aroclor-1016 {2}	8.70	9.99	278	855	0.034	0.030
5) L1	Aroclor-1016 {3}	8.99f	11.66	10507	484	0.977	0.025 #
Total	Aroclor-1016			11244	1709	1.042	0.080
Average	Aroclor-1016					0.347	0.027
6) L2	Aroclor-1221	3.50f	0.00	127	0	NoCal	N.D.
7) L2	Aroclor-1221 {2}	5.32	0.00	143	0	NoCal	N.D.
8) L2	Aroclor-1221 {3}	0.00	8.65f	0	370	N.D.	NoCal
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
9) L3	Aroclor-1232	5.78	6.54	200	21183	0.023	1.847 #
10) L3	Aroclor-1232 {2}	6.80	7.96	460	45	0.072	0.008 #
11) L3	Aroclor-1232 {3}	8.41f	8.65	295	370	0.074	0.021 #
Total	Aroclor-1232			955	21598	0.170	1.876
Average	Aroclor-1232					0.057	0.625
12) L4	Aroclor-1242	8.06	11.13	823	1284	0.057	0.043
13) L4	Aroclor-1242 {2}	8.70	11.66	278	484	0.055	0.035 #
14) L4	Aroclor-1242 {3}	9.68	13.17	6047	12115	0.910	0.884
Total	Aroclor-1242			7148	13882	1.022	0.963
Average	Aroclor-1242					0.341	0.321
15) L5	Aroclor-1248	0.00	13.96	0	18385	N.D.	0.811 #
16) L5	Aroclor-1248 {2}	9.94	14.16	2573	6378	0.310	0.277
17) L5	Aroclor-1248 {3}	10.79f	15.02	20428	4373	1.877	0.244 #
Total	Aroclor-1248			23002	29136	2.187	1.332
Average	Aroclor-1248					1.093	0.444

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

Quantitation Report

Signal #1 : D:\HPCHEM\6\MY14\PS0514E.D
Signal #2 : D:\HPCHEM\6\MY14\PS0514E.D\CONFIRM.D
Acq On : 14 May 96 06:33 PM
Sample : AR1254 5.0 UG/ML
Misc :
Quant Time: May 14 19:07 1996

Vial: 5
Operator: JS
Inst : ECD2
Multiplr: 1.00

Method : C:\HPCHEM\6\METHODS\PCB2B.M
Title : PCB 5 LEVEL
Last Update : Mon May 13 08:44:37 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
18) L6 Aroclor-1254	11.31	14.60	18551	38702	1.786	1.436
19) L6 Aroclor-1254 {2}	12.55	16.19	28702	59111	2.067	1.653
20) L6 Aroclor-1254 {3}	14.58	16.54	21172	41997	2.237	1.804
Total Aroclor-1254			68425	139811	6.091	4.892
Average Aroclor-1254					2.030	1.631
21) L7 Aroclor-1260	15.54	16.97	7474	26066	0.596	0.681
22) L7 Aroclor-1260 {2}	16.35	18.29	3410	40776	0.152	1.225 #
23) L7 Aroclor-1260 {3}	17.31	20.03	2407	5613	0.165	0.122 #
Total Aroclor-1260			13290	72455	0.913	2.028
Average Aroclor-1260					0.304	0.676
24) L8 Aroclor-1268	17.15	0.00	118	0	0.003	N.D. #
25) L8 Aroclor-1268 {2}	17.31	0.00	2407	0	0.079	N.D. #
26) L8 Aroclor-1268 {3}	19.77f	26.72	58	68	0.001	0.001 #
Total Aroclor-1268			2582	68	0.084	0.001
Average Aroclor-1268					0.028	0.001

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

213

Quantitation Report

Signal #1 : D:\HPCHEM\6\MY14\PS0514E.D
Signal #2 : D:\HPCHEM\6\MY14\PS0514E.D\CONFIRM.D
Acq On : 14 May 96 06:33 PM
Sample : AR1254 5.0 UG/ML
Misc :
Quant Time: May 14 19:07 1996

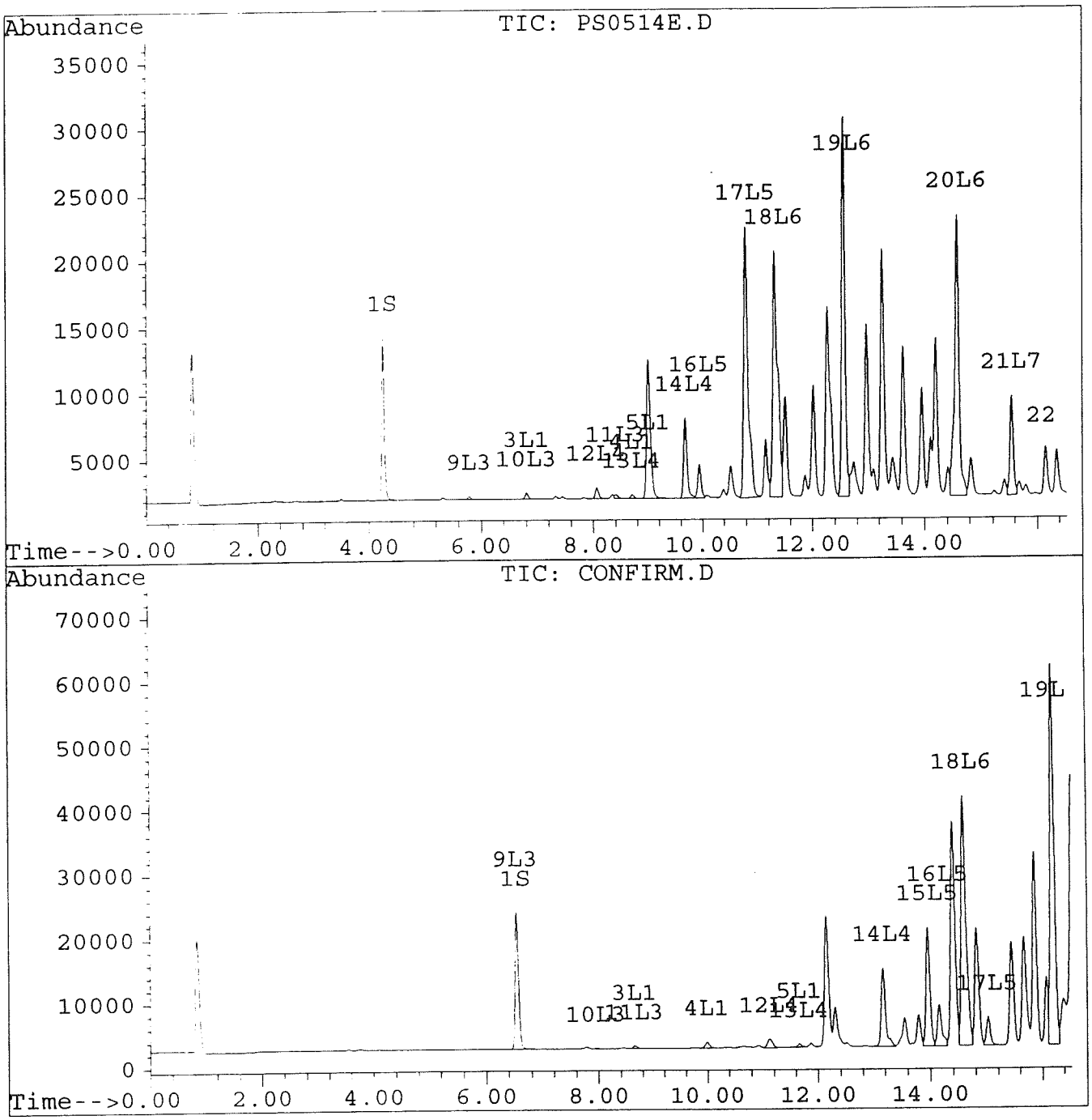
Vial: 5

Operator: JS
Inst : ECD2
Multiplr: 1.00

Method : C:\HPCHEM\6\METHODS\PCB2B.M
Title : PCB 5 LEVEL
Last Update : Mon May 13 08:44:37 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\6\MY14\PS0514E.D
Signal #2 : D:\HPCHEM\6\MY14\PS0514E.D\CONFIRM.D
Acq On : 14 May 96 06:33 PM
Sample : AR1254 5.0 UG/ML
Misc :
Quant Time: May 14 19:07 1996

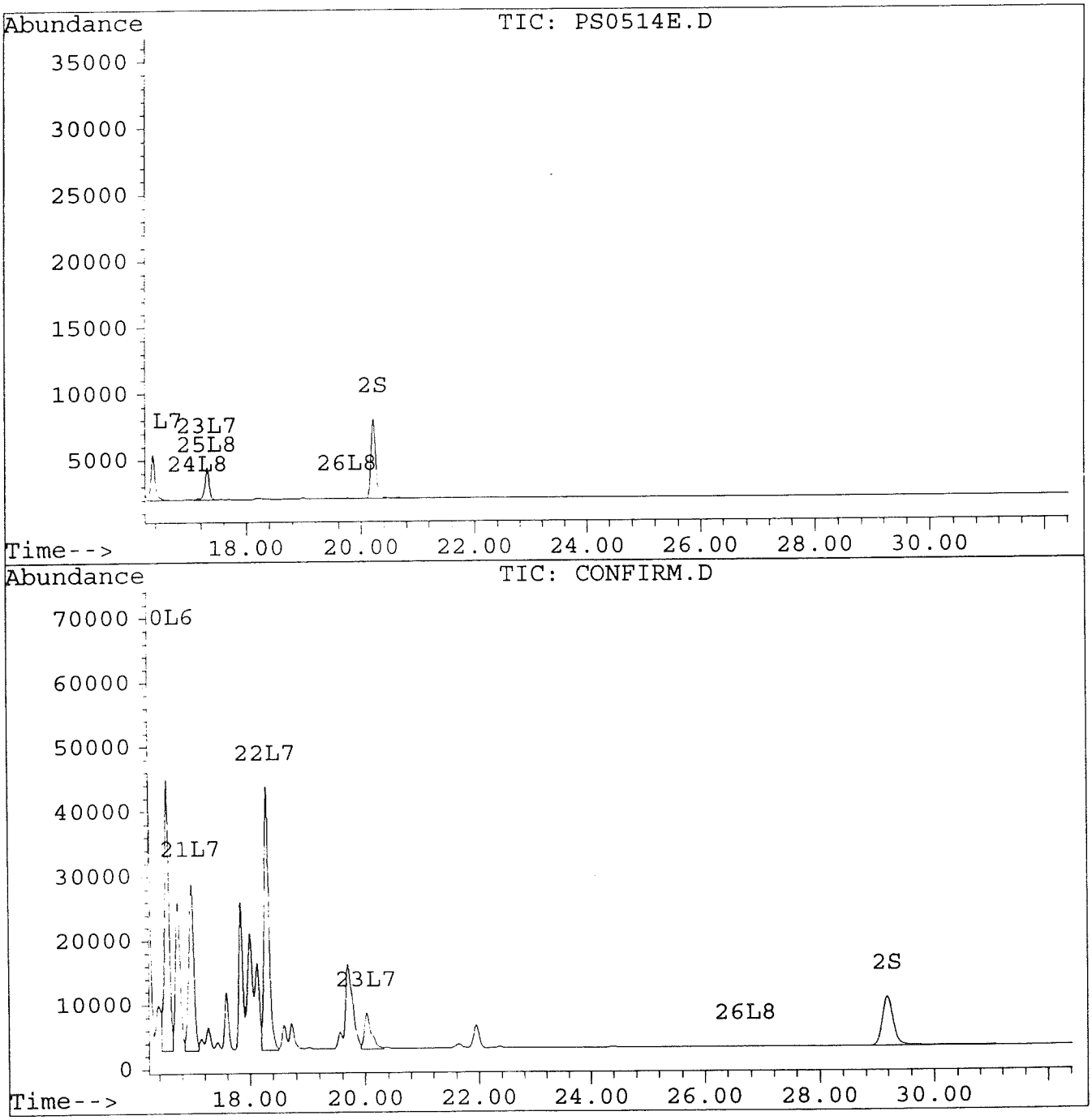
Vial: 5

Operator: JS
Inst : ECD2
Multiplr: 1.00

Method : C:\HPCHEM\6\METHODS\PCB2B.M
Title : PCB 5 LEVEL
Last Update : Mon May 13 08:44:37 1996
Response via : Multiple Level Calibration

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

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



...:PCHE ... PS...14B.D Vial: 3
...:PCHE ... PS...14B.D\CONFIRM.D
...: May 9 ... PM Operator: JS
... 54 2 Inst : ECD1
Multiplr: 1.00
... Mar 14 1 ...

...: C:\HP ...THODS\PCB1B.M
...: PCB 5 ...
...: Mon M ...01:59 1996
...: Multi ... Calibration

...: 2.
...: D... Signal #1 Phase: DB-608
...: 0. Signal #2 Info : 0.53 MM

	Compound	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
	Surrogate Monitoring Comp ...					
1) S	Tetrachloro-m-xylen...	6.29f	8529	7139	0.002	0.001
			Recovery	=	0.01%	0.00%
2) S	Decachlorobiphenyl ...	10.29	4778	2402	0.001	0.000 #
			Recovery	=	0.00%	0.00%
	... Compounds					
3) I	...	8.75	136	109	0.000	0.000
4) I	...}	9.27	327	276	0.000	0.000
5) I	...}	1....	581	419	0.000	0.000
Tot	...		1043	804	0.001	0.000
Avera	...				0.000	0.000
6) I	...	0.00	0	0	N.D.	N.D.
7) I	...}	0.00	24	0	0.000	N.D. #
8) I	...}	8.7...	136	109	0.000	0.000
Tot	...		160	109	0.000	0.000
Avert	...				0.000	0.000
9) I	...	8.7...	136	109	0.000	0.000
10) I	...}	9.27	327	276	0.000	0.000
11) I	...}	1.0...	581	419	0.000	0.000
To	...		1043	804	0.001	0.001
Aver	...				0.000	0.000
12) I	...	8.7...	136	109	0.000	0.000
13) I	...}	10.27	327	276	0.000	0.000
14) I	...}	1.0...	581	419	0.000	0.000
To	...		1043	804	0.001	0.001
Aver	...				0.000	0.000
15) I	...	f 2.7...	9627	6778	0.004	0.006 #
16) I	...}	3....	4378	3817	0.003	0.003
17) I	...}	1.1...	0	1812	N.D.	0.001 #
To	...		14506	12406	0.007	0.010
Aver	...				0.003	0.003

(f... ...ndow ...nc...ts differ by > 25% (m)=manual int.

: HPCHE 14 PS 14B.D Vial: 3
: HPCHE 14 PS 14B.D\CONFIRM.D
: ay 9 04 M Operator: JS
: .54 2 ML Inst : ECD1
Multiplr: 1.00
: 14 1 99

: D:\HP \M THODS\PCB1B.M
: PCB 5 L
: on M 09 1:59 1996
: ulti ve Calibration

: 2.
: DI Signal #1 Phase: DB-608
: 0. Signal #2 Info : 0.53 MM

		RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18)		5.41	17736	12408	0.008	0.009
19)	}	5.66	16053	12150	0.007	0.007
20)	}	7.51	22181	16343	0.009	0.008
Tot			55969	40901	0.023	0.024
Aver					0.008	0.008
21)		8.14	10528	7066	0.006	0.004 f
22)	}	f 8.46f	8904	6951	0.004	0.004
23)	}	f 1.83f	2203	2005	0.001	0.001
To			21634	16022	0.011	0.009
Aver					0.004	0.003
24)		0.37f	0	238	N.D.	0.000 #
25)	}	1.0	1486	0	0.000	N.D. #
26)	}	1.7	43	23	0.000	0.000 #
To			1529	261	0.000	0.000
Aver					0.000	0.000

(ndow mounts differ by > 25% (m)=manual int.

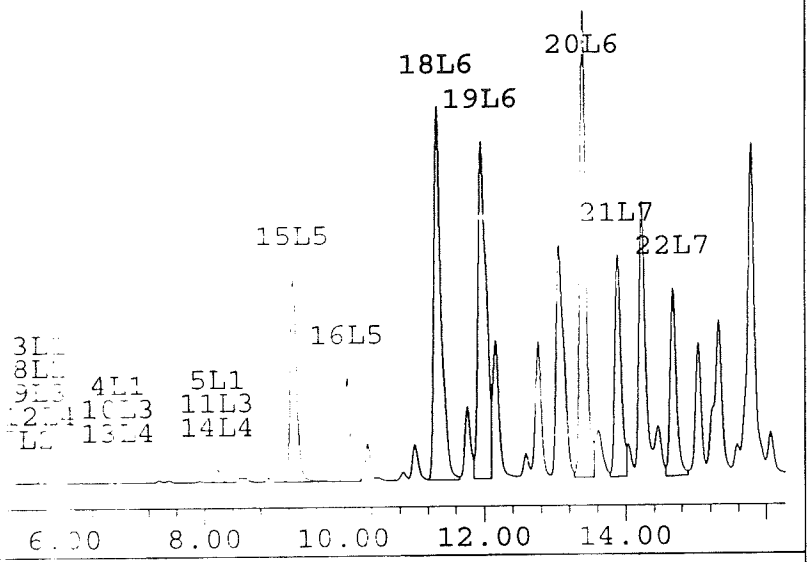
21h

: PCHE 14 PS0514B.D Vial: 3
: PCHE 14 PS 514B.D\CONFIRM.D
: ay 9 04 M Operator: JS
54 2 L Inst : ECD1
Multiplr: 1.00
14 1 99

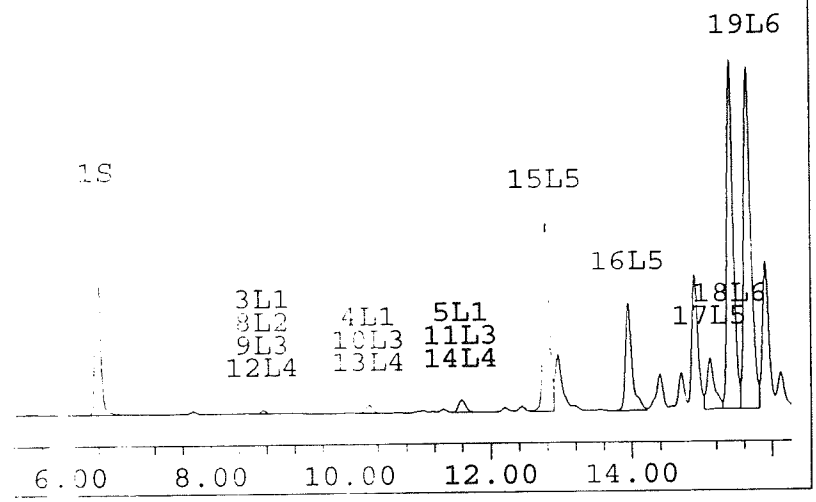
: D:\HP \METHODS\PCB1B.M
: CB 5 L
: on M 09:01:59 1996
: Multi vel Calibration

: 2.
: DI Signal #1 Phase: DB-608
: 0. Signal #2 Info : 0.53 MM

TIC: PS0514B.D



TIC: CONFIRM.D



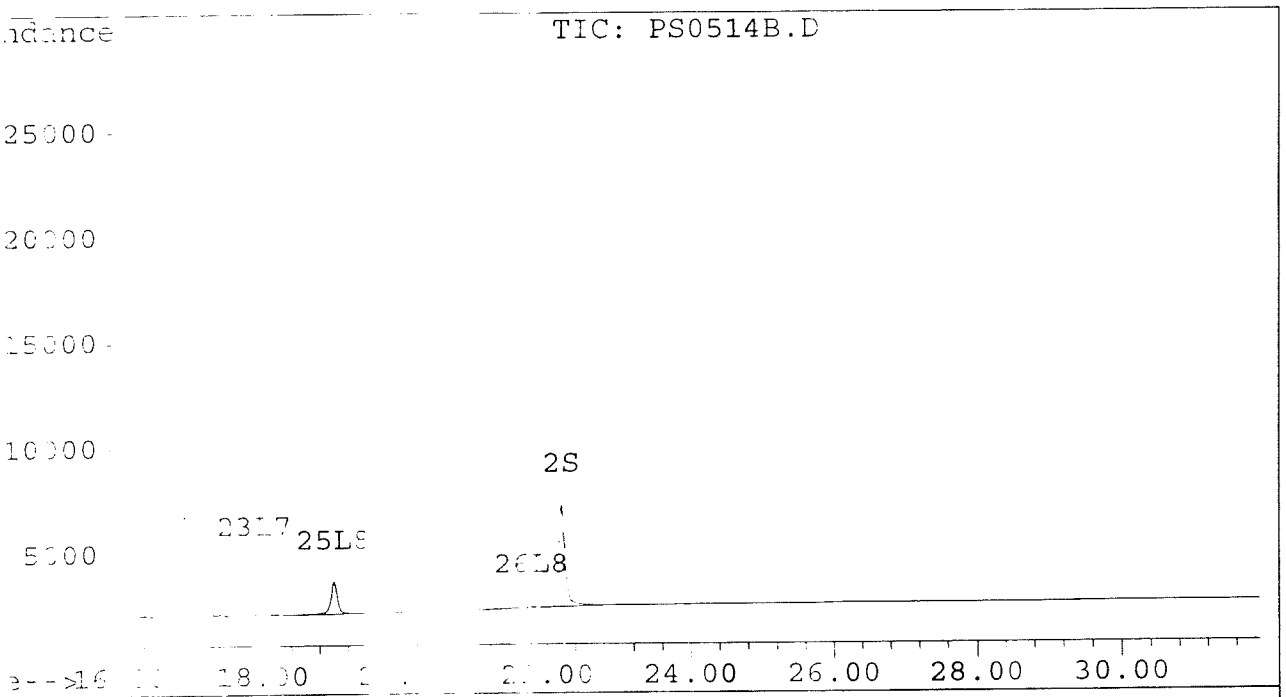
Signal #1 : D:\HPCHE\ 5\14 PS0514B.D
Signal #2 : D:\HPCHE\ 5\14 PS0514B.D\CONFIRM.D
Acq On : 14 May 9 04 PM
Sample : AR1254 2.5 ML
Misc :
Quant Time: May 14 1 :3 99

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

Method : C:\HP \METHODS\PCB1B.M
Title : PCB 5 L
Last Update : Mon M 09:01:59 1996
Response via : Multi Level Calibration

Volume Inj. : 2.
Signal #1 Phase: DI
Signal #1 Info : 0.

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\MY14\PS0514C.D Vial: 4
Signal #2 : D:\HPCHEM\5\MY14\PS0514C.D\CONFIRM.D
Acq On : 14-May 96 07:43 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 14 20:14 1996

Method : D:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Mon May 13 09:01:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylene	4.03f	6.39f	4506	3628	0.001	0.001
				Recovery	=	0.00%	0.00%
2) S	Decachlorobiphenyl	22.20	30.29	2633	1362	0.001	0.000 #
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) L1	Aroclor-1016	5.66	8.74	72	57	0.000	0.000
4) L1	Aroclor-1016 [2]	6.78	10.27	173	147	0.000	0.000
5) L1	Aroclor-1016 [3]	8.19	11.59	306	227	0.000	0.000
	Total Aroclor-1016			552	431	0.000	0.000
	Average Aroclor-1016					0.000	0.000
6) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
7) L2	Aroclor-1221 [2]	0.00	0.00	0	0	N.D.	N.D.
8) L2	Aroclor-1221 [3]	5.66	8.74	72	57	0.000	0.000
	Total Aroclor-1221			72	57	0.000	0.000
	Average Aroclor-1221					0.000	0.000
9) L3	Aroclor-1232	5.66	8.74	72	57	0.000	0.000
10) L3	Aroclor-1232 [2]	6.78	10.27	173	147	0.000	0.000
11) L3	Aroclor-1232 [3]	8.19	11.59	306	227	0.000	0.000
	Total Aroclor-1232			552	431	0.001	0.000
	Average Aroclor-1232					0.000	0.000
12) L4	Aroclor-1242	5.66	8.74	72	57	0.000	0.000
13) L4	Aroclor-1242 [2]	6.78	10.27	173	147	0.000	0.000
14) L4	Aroclor-1242 [3]	8.19	11.59	306	227	0.000	0.000
	Total Aroclor-1242			552	431	0.000	0.000
	Average Aroclor-1242					0.000	0.000
15) L5	Aroclor-1248	9.27f	12.77	5273	3866	0.002	0.003 #
16) L5	Aroclor-1248 [2]	10.04	13.91	2581	2132	0.002	0.002
17) L5	Aroclor-1248 [3]	0.00	15.21		991	N.D.	0.001 #
	Total Aroclor-1248			7854	7009	0.004	0.006
	Average Aroclor-1248					0.002	0.002

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

219

Quantitation Report

Si [illegible] 1 : [illegible]PCHEM\5\MY1[illegible]\PS0[illegible]C.D Vial: 4
Si [illegible] 2 : [illegible]PCHEM\5\MY1[illegible]\PS0[illegible]C.D\CONFIRM.D
Ac [illegible] : [illegible]ay 96 07:4[illegible] PM [illegible]erator: JS
Sa [illegible] : [illegible].54 1.0 UG/M[illegible] [illegible]t : ECD1
Mi [illegible] : [illegible]ltiplr: 1.00
Qu [illegible]t [illegible]me: [illegible] 14 20:14 19[illegible]6

Me [illegible]o[illegible] : D:\HPCHEM\5\METHOD[illegible]PCB1B.M
Ti [illegible]e : PCB 5 LEVEL
La [illegible] Rate : Mon May 13 [illegible]:01:[illegible] 1996
Re [illegible]o[illegible]e via : Multiple Level Calibration

Vo [illegible] Inj. : 2.0 UL
Si [illegible] 1 Pl[illegible] : DB-5 Signal #2 Phase: [illegible]-608
Si [illegible]1 In[illegible] : 0.53 MM Signal #2 Info : [illegible]3 MM

Compound		RT#1	RT#2	Resp#1	Resp#2	[illegible]mL	ng/mL
1[illegible]) L6 A[illegible]cl[illegible]r-1254		11.33	15.41	96[illegible]0	6925	0.004	0.005
1[illegible]) L6 A[illegible]cl[illegible]r-1254	2}	11.96f	15.6[illegible]	8775	6991	0.004	0.004
2[illegible]) L6 A[illegible]cl[illegible]r-1254	3}	13.40	17.51	11857	9190	0.005	0.004
Total A[illegible]cl[illegible]r-1254				30232	23106	0.013	0.013
A[illegible]erage A[illegible]cl[illegible]r-1254						0.004	0.004
2[illegible]) L7 A [illegible]-1260		13.89f	18.1[illegible]	5[illegible]8	3945	0.003	0.002
2[illegible]) L7 A [illegible]-12[illegible]	2}	14.68f	18.4[illegible]	[illegible]8[illegible]3	4007	0.002	0.002
2[illegible]) L7 A [illegible]-12[illegible]	3}	17.88f	21.8[illegible]	1206	1133	0.000	0.000
Total A [illegible]-12[illegible]				11791	9084	0.006	0.005
A[illegible]erage A [illegible]-12[illegible]						0.002	0.002
2[illegible]) L8 A [illegible]-12[illegible]		0.00	23.3[illegible]	[illegible]	127	N.D.	0.000 #
2[illegible]) L8 A [illegible]-12[illegible]	2}	19.00	0.0[illegible]	799	0	0.000	N.D. #
2[illegible]) L8 A [illegible]-12[illegible]	3}	21.79	0.0	[illegible]5	0	0.000	N.D. #
Total A [illegible]-12[illegible]				824	127	0.000	0.000
A[illegible]erage A [illegible]-12[illegible]						0.000	0.000

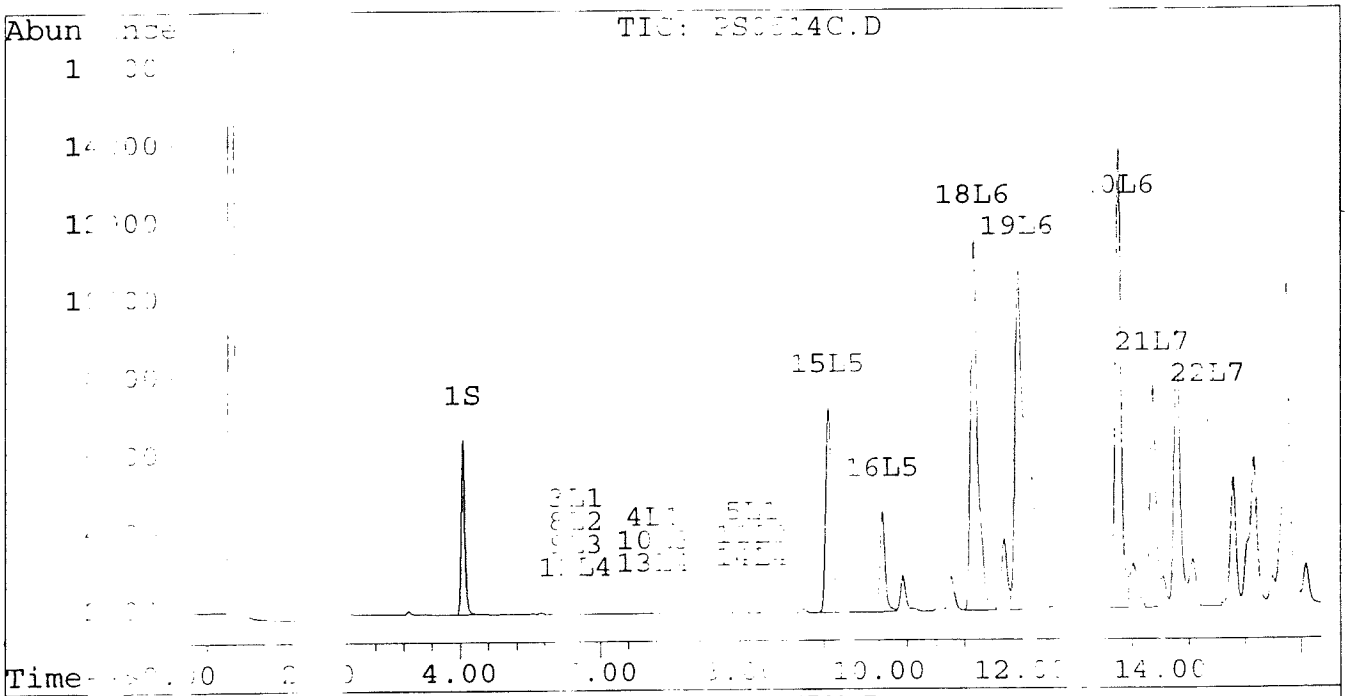
(f)=RT [illegible] > 1[illegible] [illegible]ndow (#)=Amounts [illegible]ffer by > 25% (m)= [illegible]nual int.

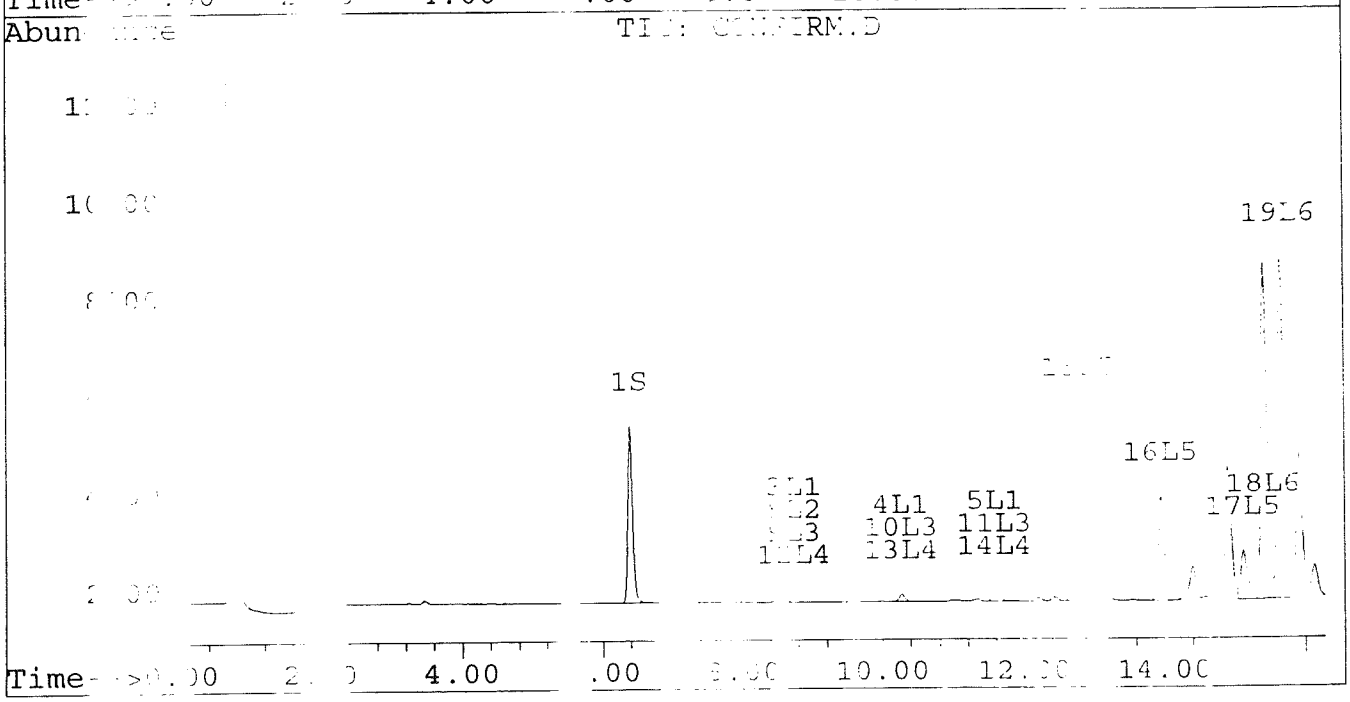
Quantitation Report

Signal #1 : D:\HPCHEM\5\MY1...\PS0514C.D Vial: 4
Signal #2 : D:\HPCHEM\5\MY1...\PS0514C.D CONFIRM.D
Acq On : 14-May 96 07:4... PM Operator: JS
Sample : ...54 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: ... 14 20:14 19...6

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : ...on May 13 ...:01:... 199...
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\MY14\PS0514D.D Vial: 5
Signal #2 : D:\HPCHEM\5\MY14\PS0514D.D\CONFIRM.D
Acq On : 14 May 96 08:15 PM Operator: JS
Sample : AR1254 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 14 20:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Mon May 13 09:01:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6	Aroclor-1254	11.33	15.42	4982	3759	0.002	0.003
19) L6	Aroclor-1254 {2}	11.96f	15.66	4593	3851	0.002	0.002
20) L6	Aroclor-1254 {3}	13.40	17.51	5941	5018	0.002	0.002
Total	Aroclor-1254			15515	12629	0.006	0.007
Average	Aroclor-1254					0.002	0.002
21) L7	Aroclor-1260	13.89	18.15	2887	2126	0.002	0.001
22) L7	Aroclor-1260 {2}	14.68f	18.46f	2502	2199	0.001	0.001
23) L7	Aroclor-1260 {3}	17.88f	21.88f	615	614	0.000	0.000
Total	Aroclor-1260			6004	4938	0.003	0.003
Average	Aroclor-1260					0.001	0.001
24) L8	Aroclor-1268	0.00	23.37f	0	80	N.D.	0.000 #
25) L8	Aroclor-1268 {2}	19.00	0.00	411	0	0.000	N.D. #
26) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			411	80	0.000	0.000
Average	Aroclor-1268					0.000	0.000

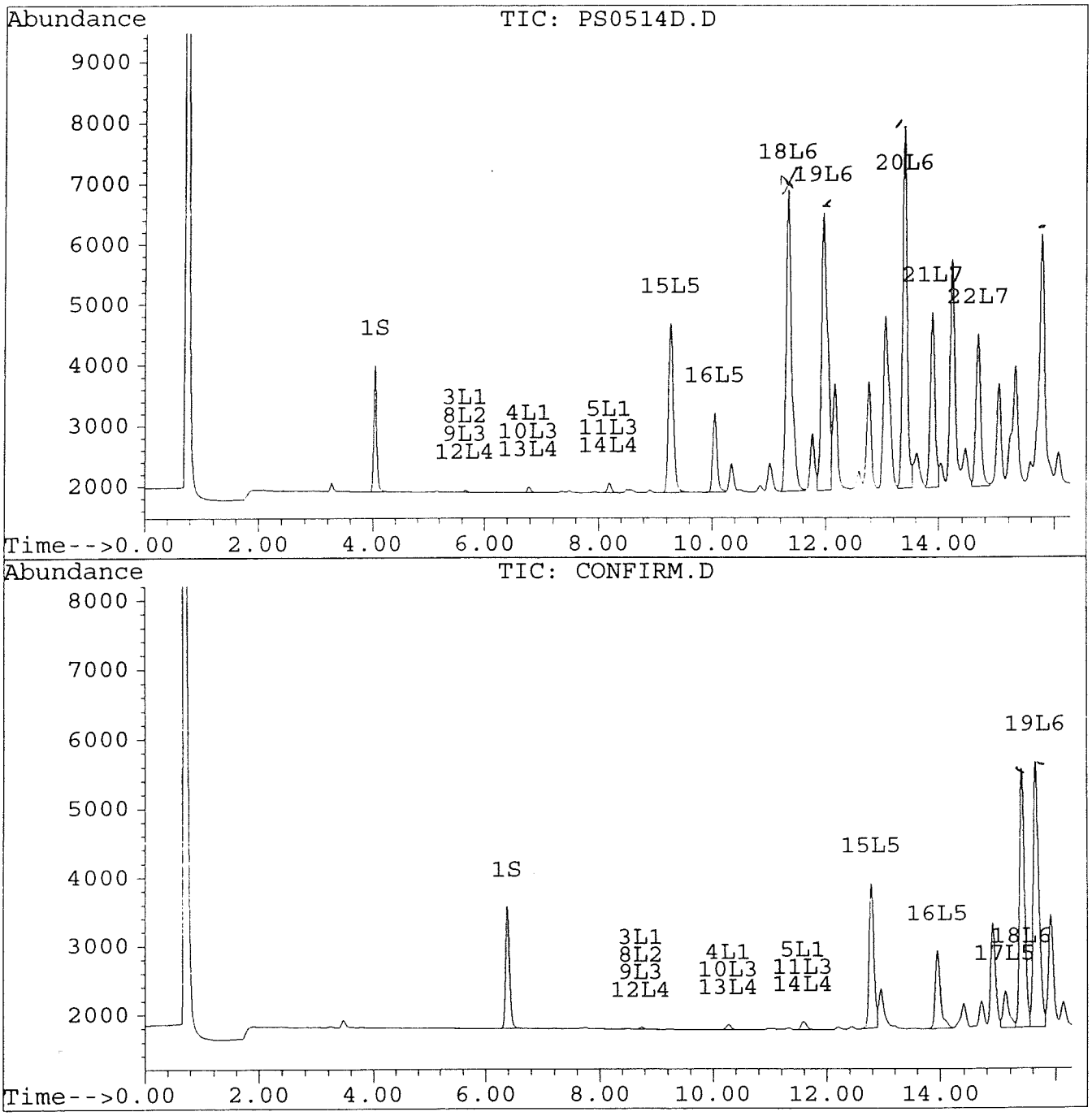
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\MY14\PS0514D.D Vial: 5
Signal #2 : D:\HPCHEM\5\MY14\PS0514D.D\CONFIRM.D
Acq On : 14 May 96 08:15 PM Operator: JS
Sample : AR1254 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 14 20:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Mon May 13 09:01:59 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\MY14\PS0514D.D
Signal #2 : D:\HPCHEM\5\MY14\PS0514D.D\CONFIRM.D
Acq On : 14 May 96 08:15 PM
Sample : AR1254 0.5 UG/ML
Misc :
Quant Time: May 14 20:49 1996

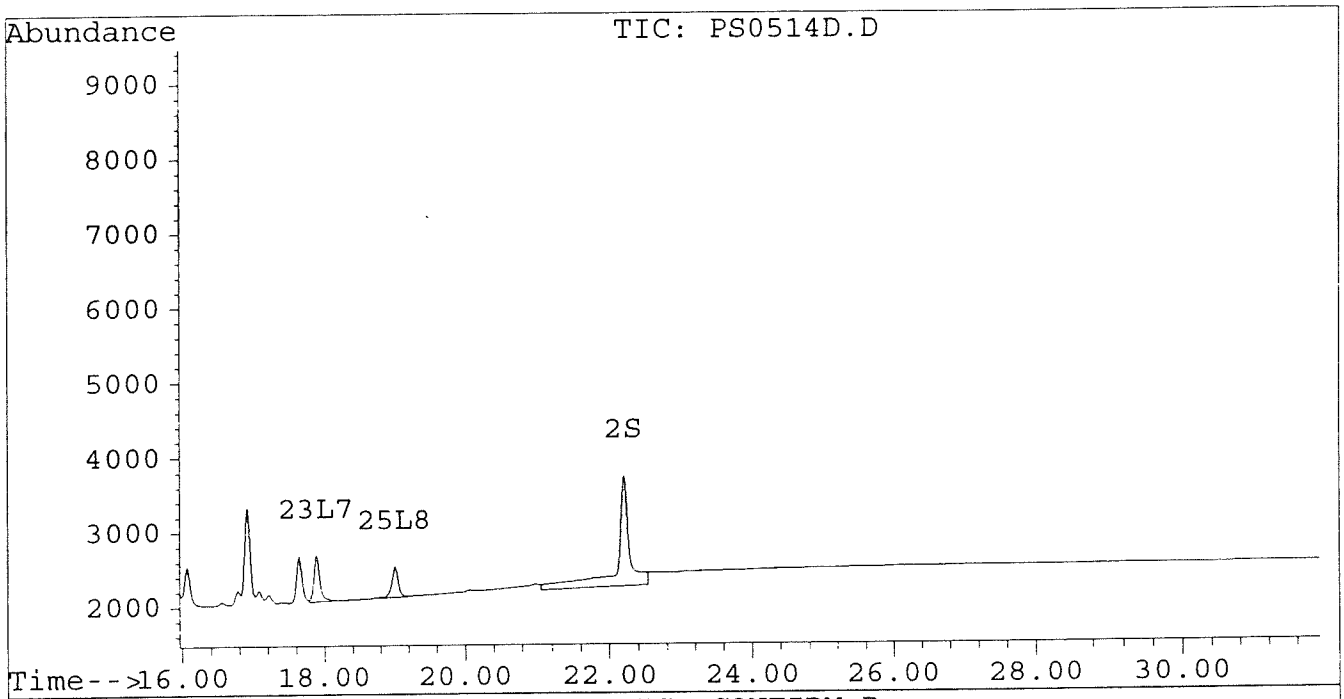
Vial: 5

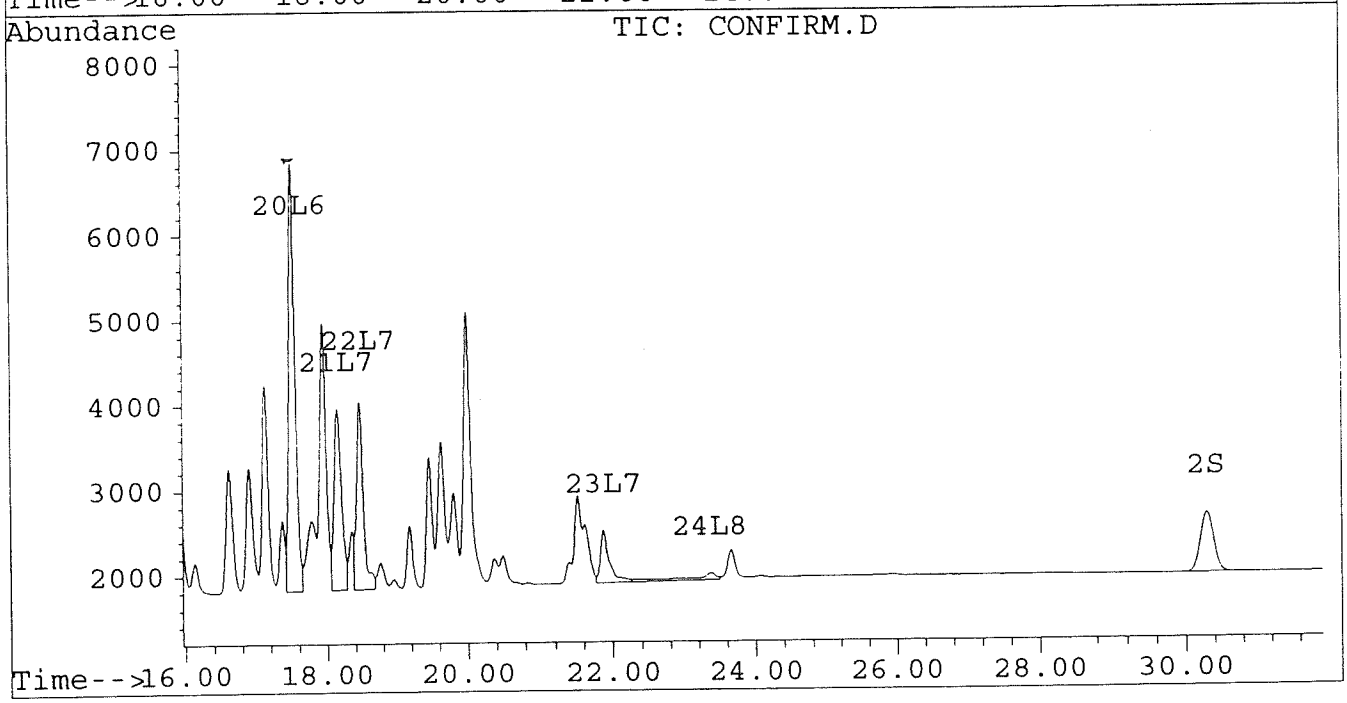
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Mon May 13 09:01:59 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\MY14\PS0514E.D Vial: 6
Signal #2 : D:\HPCHEM\5\MY14\PS0514E.D\CONFIRM.D
Acq On : 14 May 96 08:51 PM Operator: JS
Sample : AR1254 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 14 21:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Mon May 13 09:01:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.04f	6.39f	387	356	0.000	0.000
				Recovery	=	0.00%	0.00%
2) S	Decachlorobiphenyl	22.21	30.29	432	153	0.000	0.000 #
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
4) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
5) L1	Aroclor-1016 {3}	8.19	11.59	31	24	0.000	0.000
Total	Aroclor-1016			31	24	0.000	0.000
Average	Aroclor-1016					0.000	0.000
6) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
7) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
8) 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
9) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
10) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
11) L3	Aroclor-1232 {3}	8.19	11.59	31	24	0.000	0.000
Total	Aroclor-1232			31	24	0.000	0.000
Average	Aroclor-1232					0.000	0.000
12) L4	Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
13) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
14) L4	Aroclor-1242 {3}	8.19	11.59	31	24	0.000	0.000
Total	Aroclor-1242			31	24	0.000	0.000
Average	Aroclor-1242					0.000	0.000
15) L5	Aroclor-1248	9.27f	12.79	604	482	0.000	0.000 #
16) L5	Aroclor-1248 {2}	10.05	13.96	272	244	0.000	0.000
17) L5	Aroclor-1248 {3}	0.00	15.12	0	112	N.D.	0.000 #
Total	Aroclor-1248			876	838	0.000	0.001
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\MY14\PS0514E.D
Signal #2 : D:\HPCHEM\5\MY14\PS0514E.D\CONFIRM.D
Acq On : 14 May 96 08:51 PM
Sample : AR1254 0.1 UG/ML
Misc :
Quant Time: May 14 21:25 1996

Vial: 6

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Mon May 13 09:01:59 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6 Aroclor-1254	11.34	15.42	1079	866	0.000	0.001
19) L6 Aroclor-1254 {2}	11.96	15.66	993	911	0.000	0.001 #
20) L6 Aroclor-1254 {3}	13.40	17.51	1215	1146	0.000	0.001
Total Aroclor-1254			3286	2923	0.001	0.002
Average Aroclor-1254					0.000	0.001
21) L7 Aroclor-1260	13.89	18.15	606	474	0.000	0.000
22) L7 Aroclor-1260 {2}	14.68	18.46f	523	495	0.000	0.000
23) L7 Aroclor-1260 {3}	17.89f	21.88	122	122	0.000	0.000
Total Aroclor-1260			1250	1091	0.001	0.001
Average Aroclor-1260					0.000	0.000
24) L8 Aroclor-1268	0.00	23.37f	0	15	N.D.	0.000 #
25) L8 Aroclor-1268 {2}	19.01	0.00	91	0	0.000	N.D. #
26) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			91	15	0.000	0.000
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\MY14\PS0514E.D
Signal #2 : D:\HPCHEM\5\MY14\PS0514E.D\CONFIRM.D
Acq On : 14 May 96 08:51 PM
Sample : AR1254 0.1 UG/ML
Misc :
Quant Time: May 14 21:25 1996

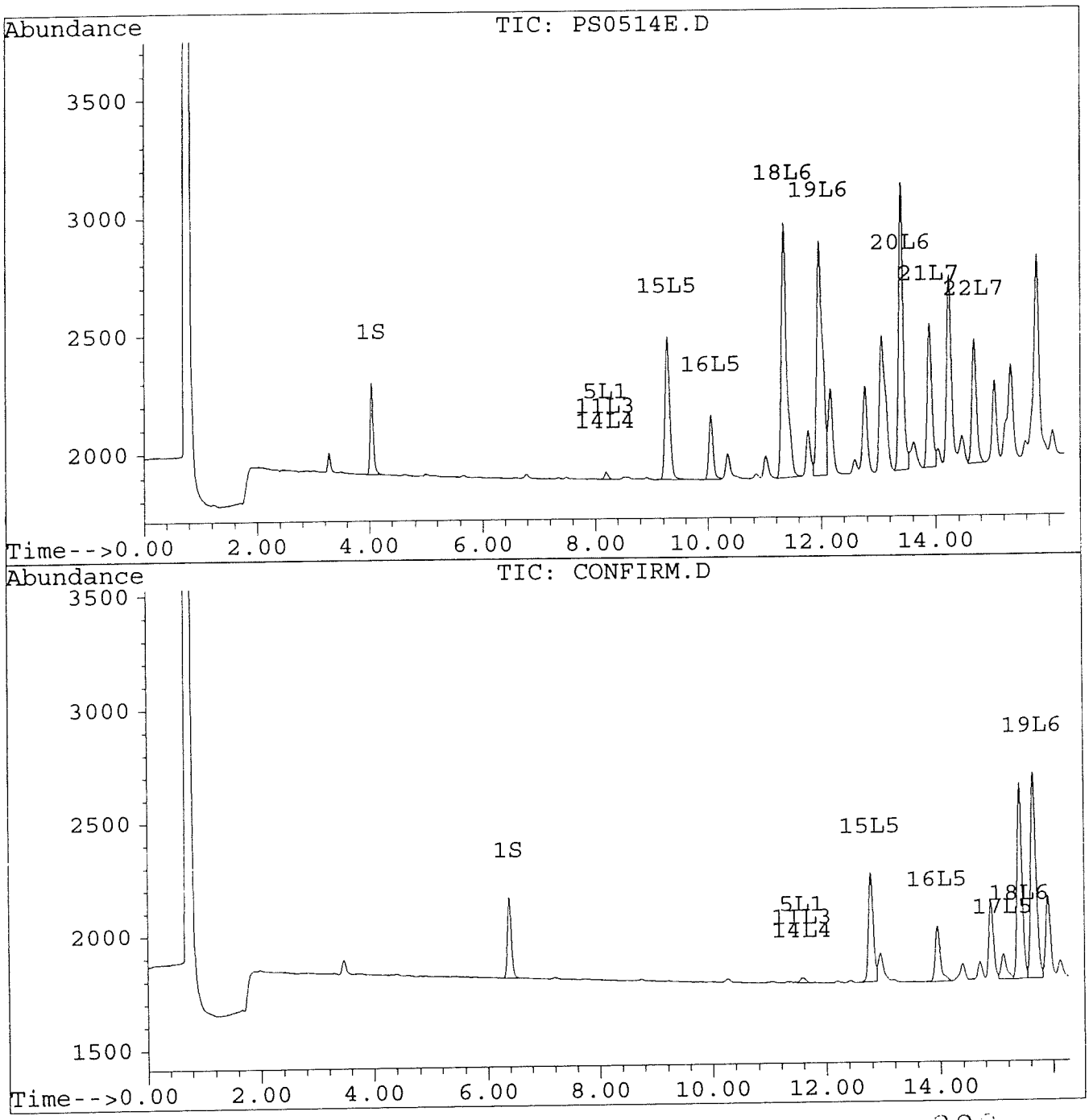
Vial: 6

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Mon May 13 09:01:59 1996
Response via : Multiple Level Calibration

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

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

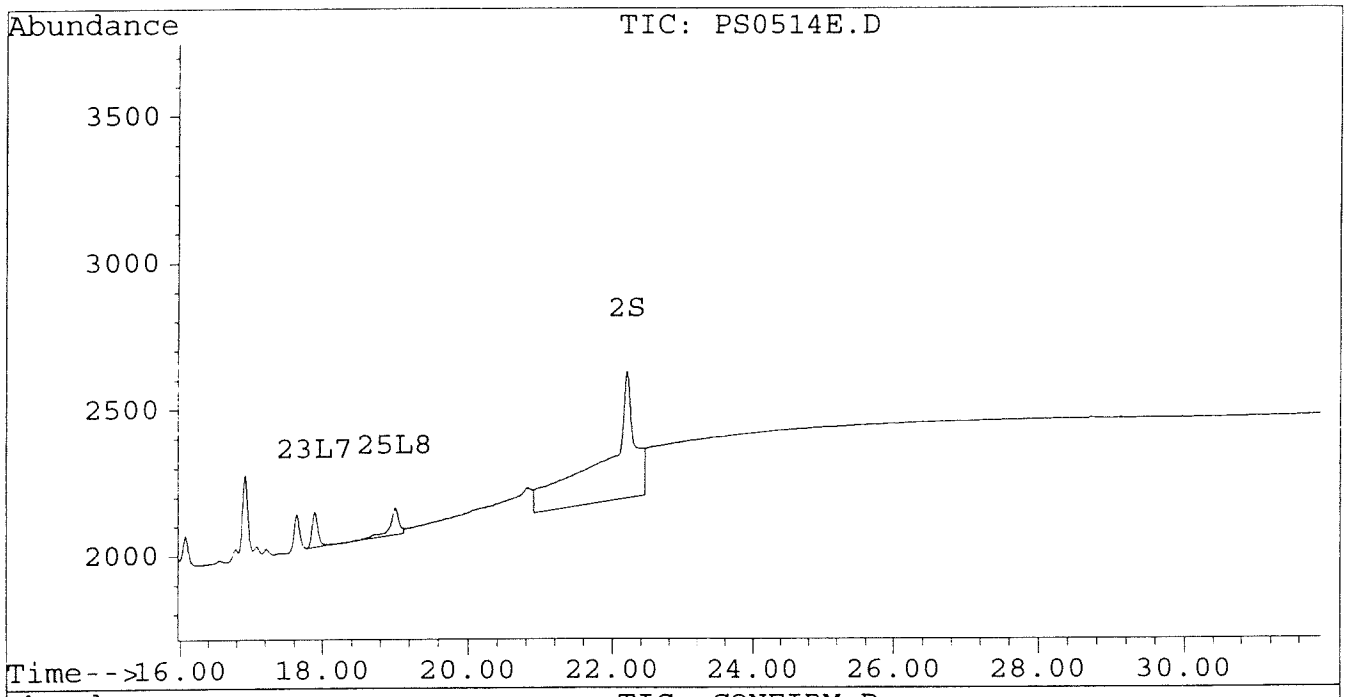


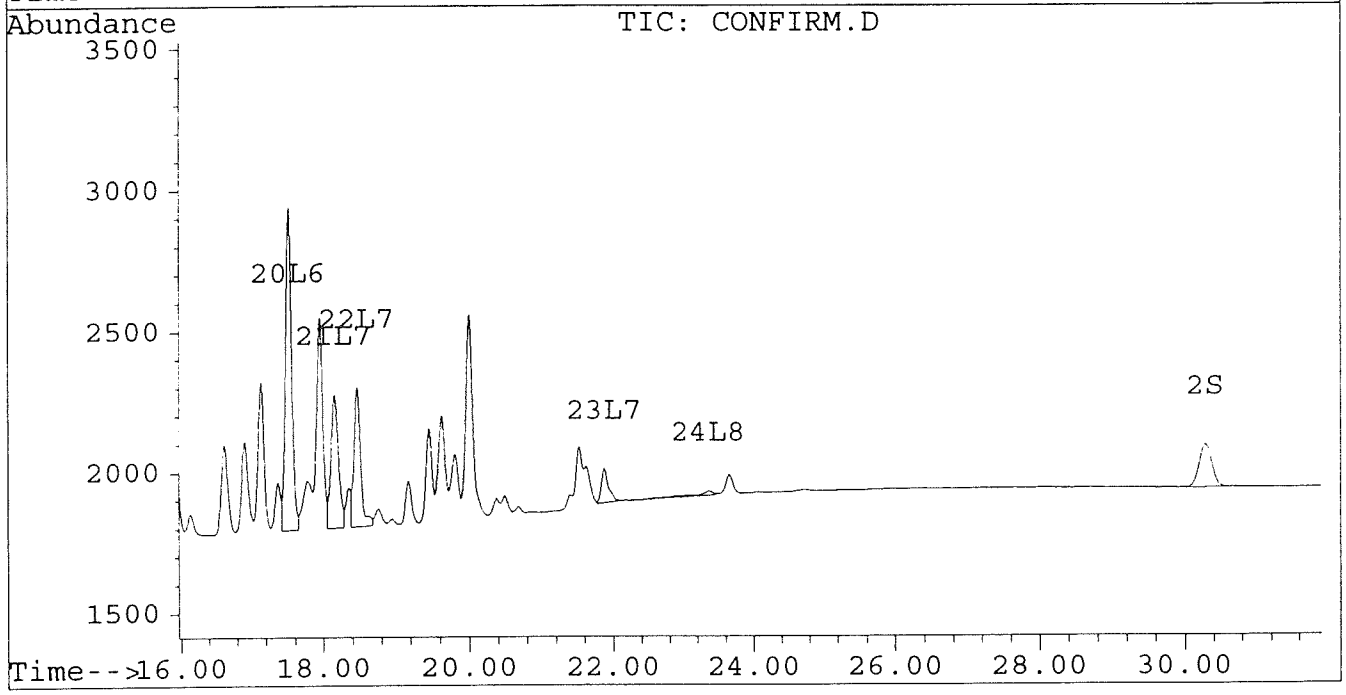
Quantitation Report

Signal #1 : D:\HPCHEM\5\MY14\PS0514E.D Vial: 6
Signal #2 : D:\HPCHEM\5\MY14\PS0514E.D\CONFIRM.D
Acq On : 14 May 96 08:51 PM Operator: JS
Sample : AR1254 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 14 21:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Mon May 13 09:01:59 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB20.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB20.D\CONFIRM.D
Acq On : 11 May 96 05:24 AM
Sample : AR1242 0.1 UG/ML
Misc :
Quant Time: May 15 14:07 1996

Vial: 20
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4 Aroclor-1242	8.20	11.60	887	644	0.001	0.001
13) L4 Aroclor-1242 {2}	8.91	12.20	257	281	0.000	0.000
14) L4 Aroclor-1242 {3}	10.06	13.96	349	279	0.000	0.000
Total Aroclor-1242			1493	1204	0.002	0.001
Average Aroclor-1242					0.001	0.000
15) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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\PCB5LVL1\PCB20.D Vial: 20
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB20.D\CONFIRM.D
Acq On : 11 May 96 05:24 AM Operator: JS
Sample : AR1242 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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.

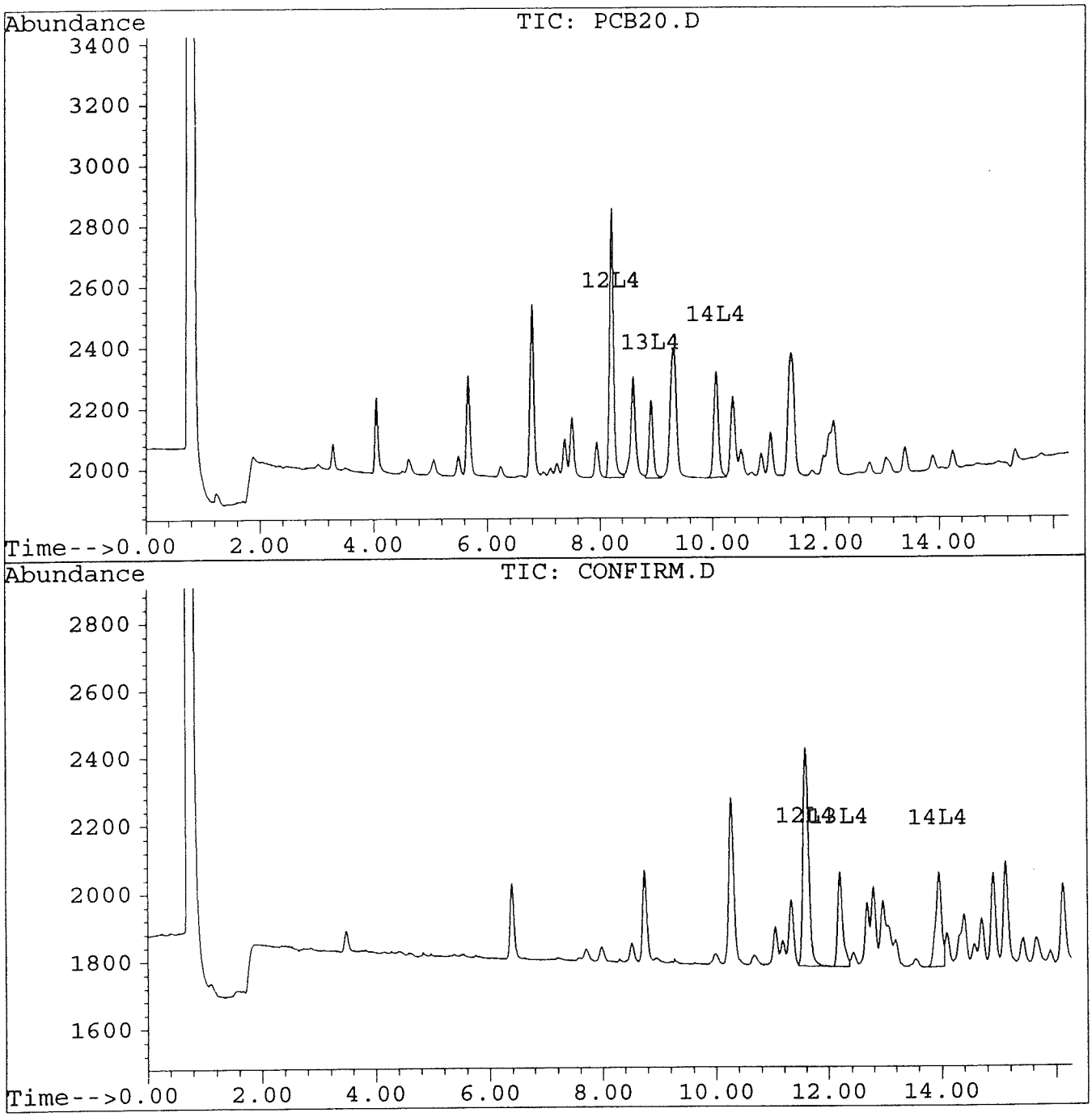
Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB20.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB20.D\CONFIRM.D
Acq On : 11 May 96 05:24 AM
Sample : AR1242 0.1 UG/ML
Misc :
Quant Time: May 15 14:07 1996

Vial: 20
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB20.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB20.D\CONFIRM.D
Acq On : 11 May 96 05:24 AM
Sample : AR1242 0.1 UG/ML
Misc :
Quant Time: May 15 14:07 1996

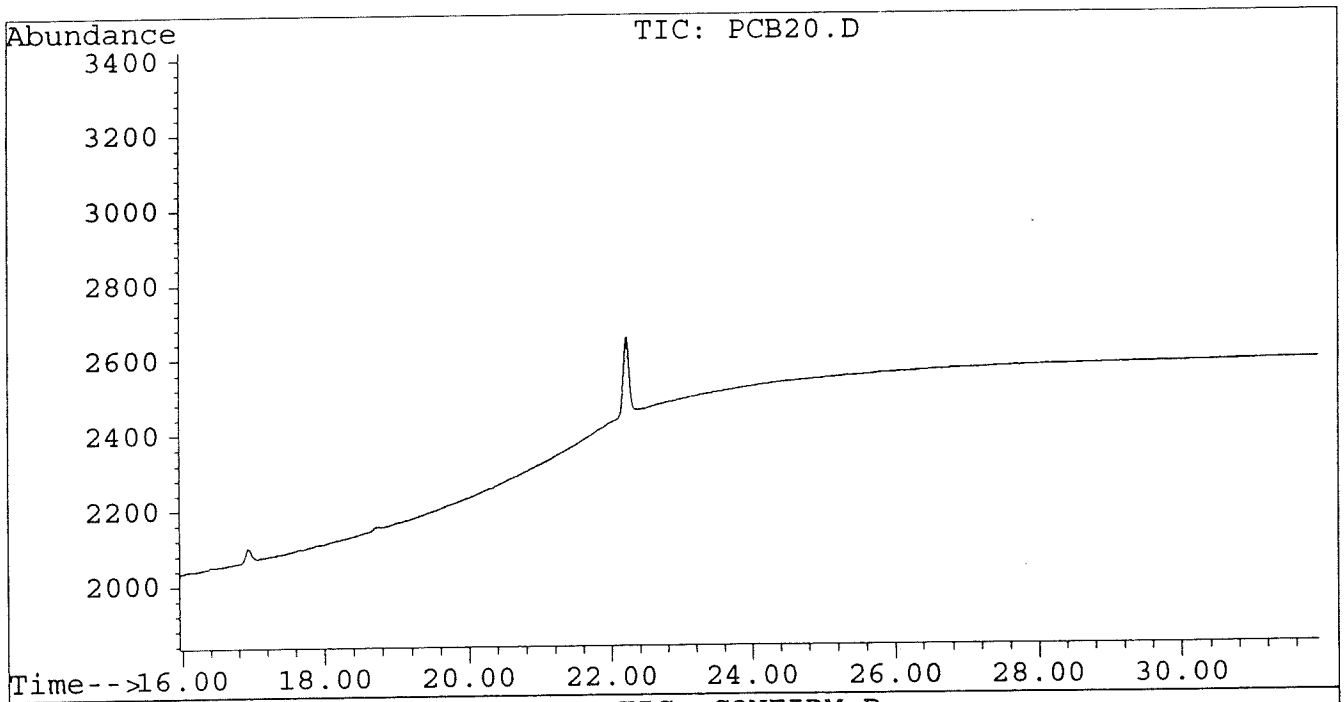
Vial: 20

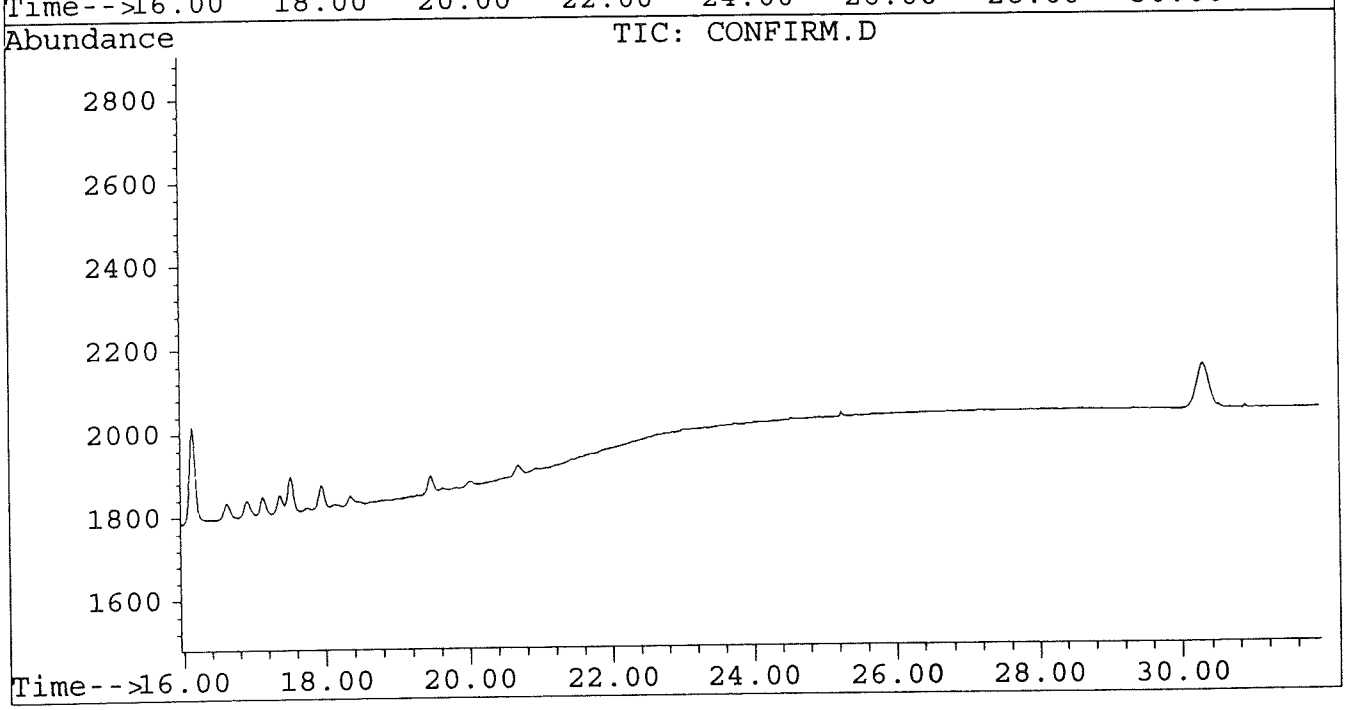
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB19.D Vial: 19
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB19.D\CONFIRM.D
Acq On : 11 May 96 04:49 AM Operator: JS
Sample : AR1242 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4 Aroclor-1242	8.20	11.60	7363	5020	0.010	0.008 #
13) L4 Aroclor-1242 {2}	8.91	12.19	2176	2254	0.002	0.002
14) L4 Aroclor-1242 {3}	10.05	13.95	2877	2200	0.001	0.001
Total Aroclor-1242			12416	9474	0.013	0.011
Average Aroclor-1242					0.004	0.004
15) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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\PCB5LVL1\PCB19.D Vial: 19
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB19.D\CONFIRM.D
Acq On : 11 May 96 04:49 AM Operator: JS
Sample : AR1242 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 (2)	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 (2)	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 (2)	0.00	0.00	0	0	N.D.d	N.D.d
26) 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\PCB5LVL1\PCB19.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB19.D\CONFIRM.D
Acq On : 11 May 96 04:49 AM
Sample : AR1242 0.5 UG/ML
Misc :
Quant Time: May 15 14:06 1996

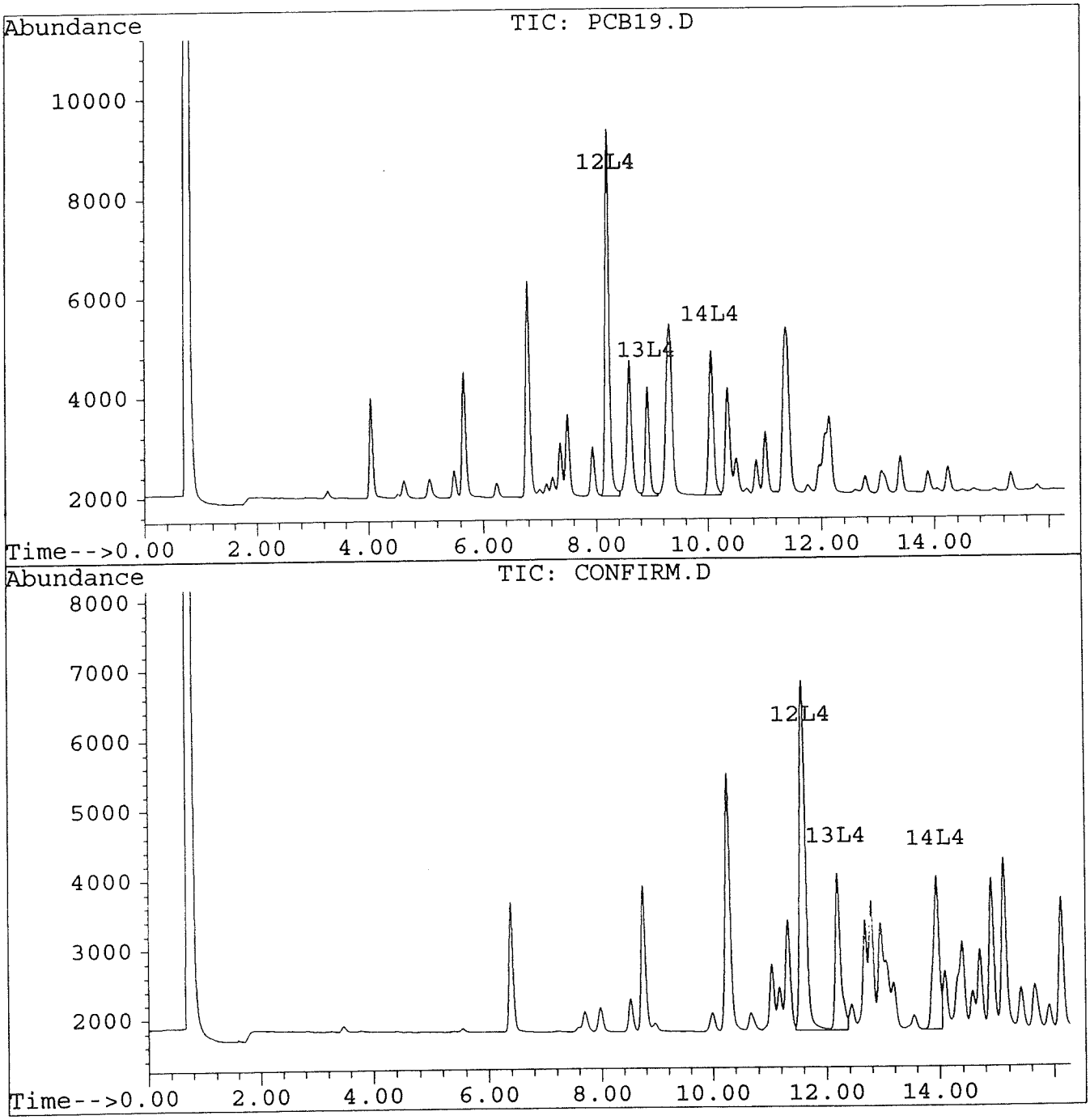
Vial: 19

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB19.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB19.D\CONFIRM.D
Acq On : 11 May 96 04:49 AM
Sample : AR1242 0.5 UG/ML
Misc :
Quant Time: May 15 14:06 1996

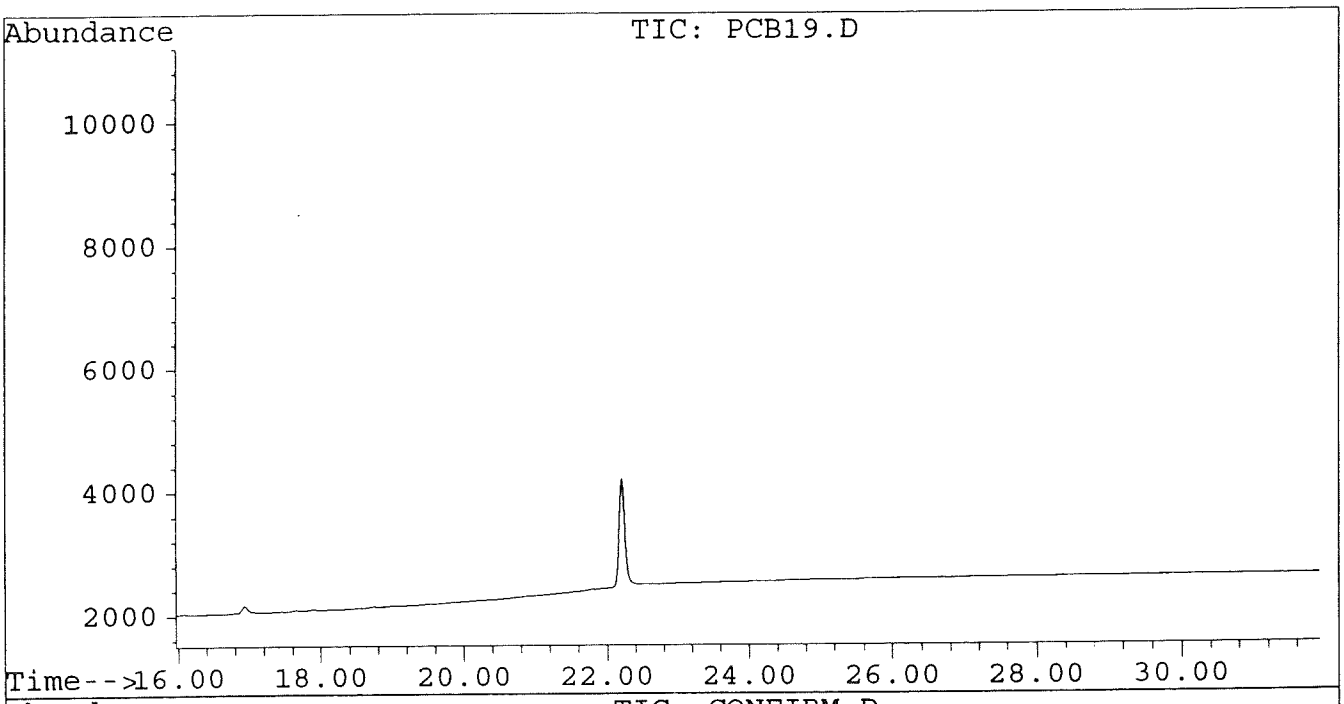
Vial: 19

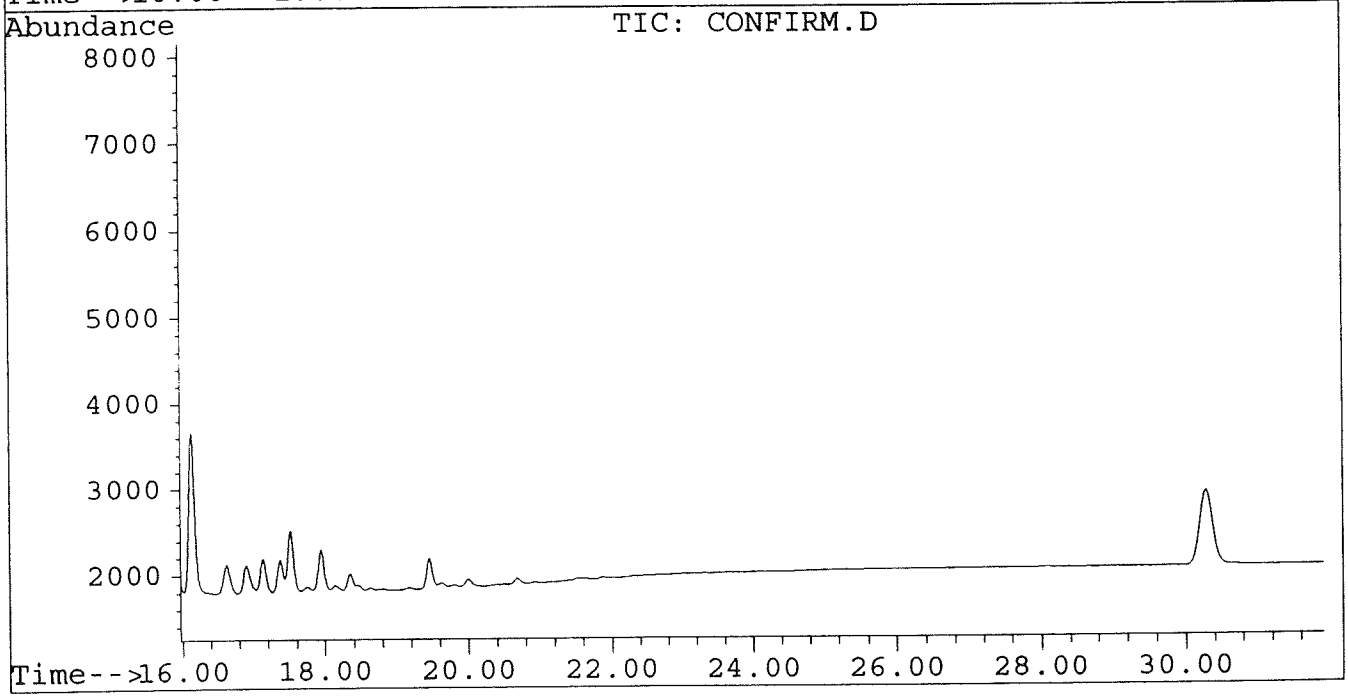
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB18.D Vial: 18
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB18.D\CONFIRM.D
Acq On : 11 May 96 04:13 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4 Aroclor-1242	8.19	11.60	14510	9558	0.021	0.015 #
13) L4 Aroclor-1242 {2}	8.91	12.19	4409	4246	0.003	0.003
14) L4 Aroclor-1242 {3}	10.05	13.95	5704	4146	0.003	0.002
Total Aroclor-1242			24624	17950	0.027	0.020
Average Aroclor-1242					0.009	0.007
15) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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\PCB5LVL1\PCB18.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB18.D\CONFIRM.D
Acq On : 11 May 96 04:13 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: May 15 14:05 1996

Vial: 18

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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

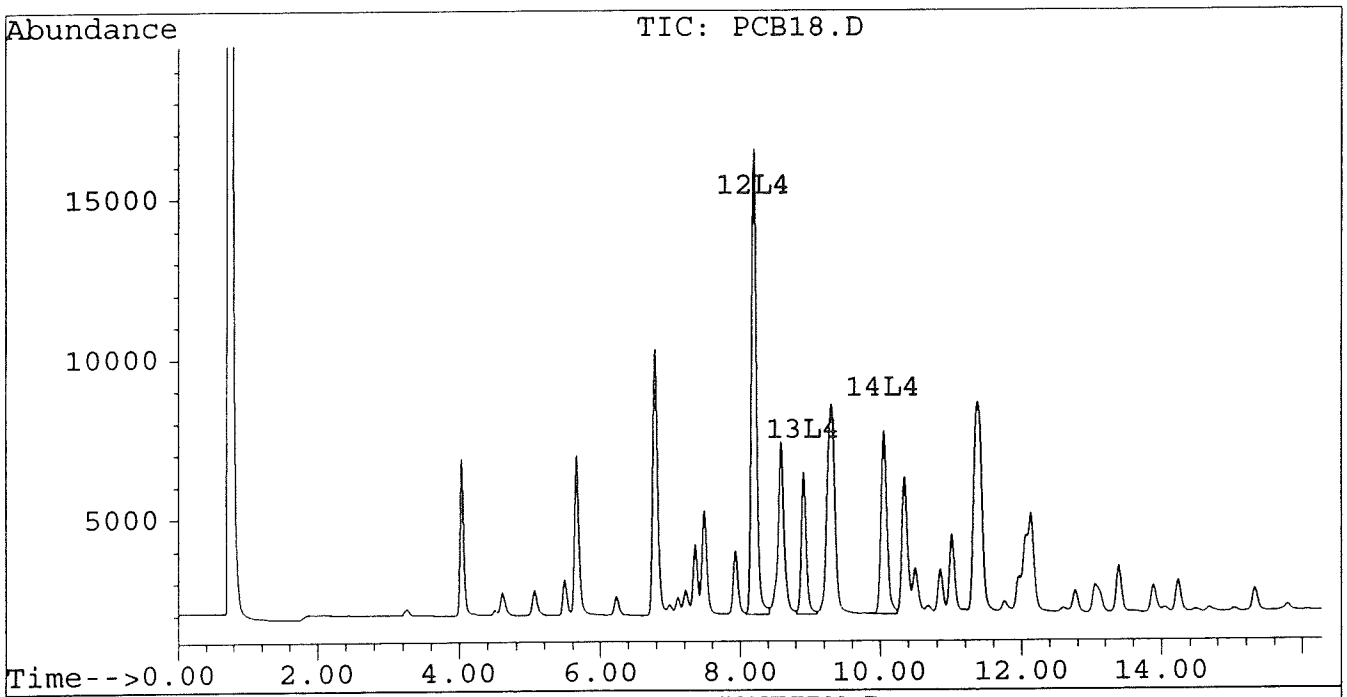
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

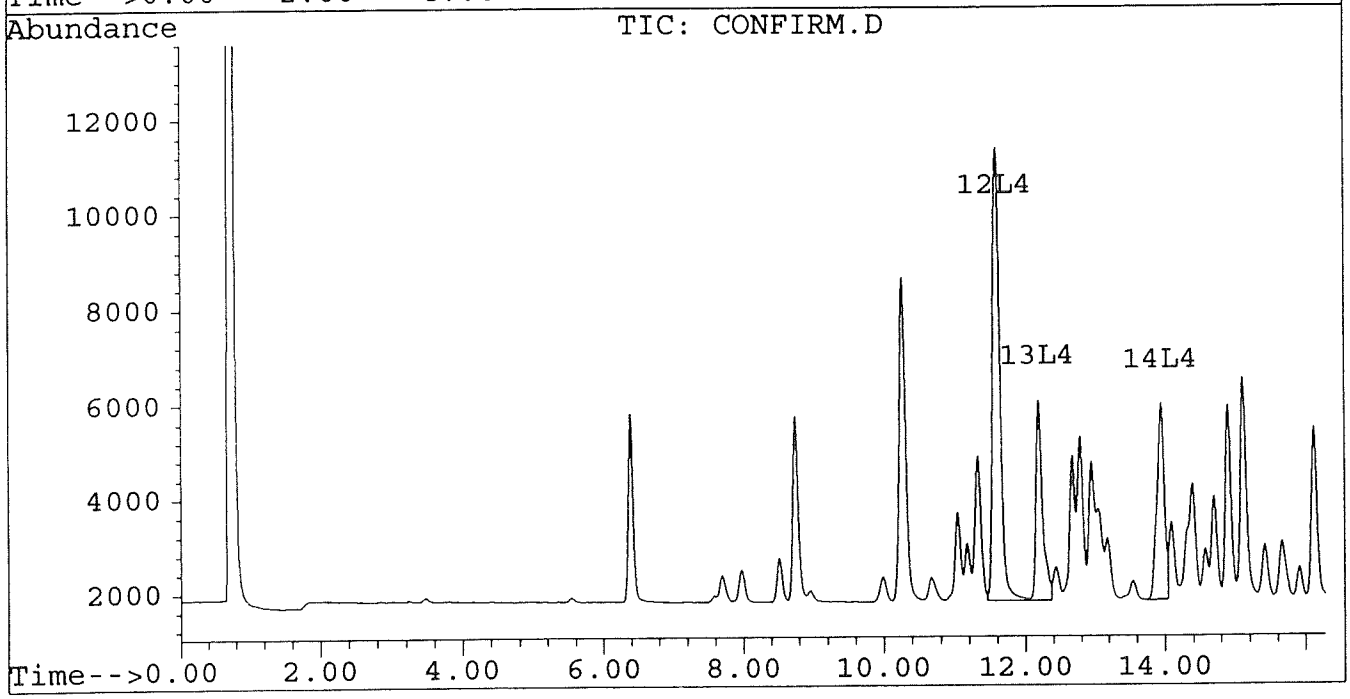
Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB18.D Vial: 18
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB18.D\CONFIRM.D
Acq On : 11 May 96 04:13 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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

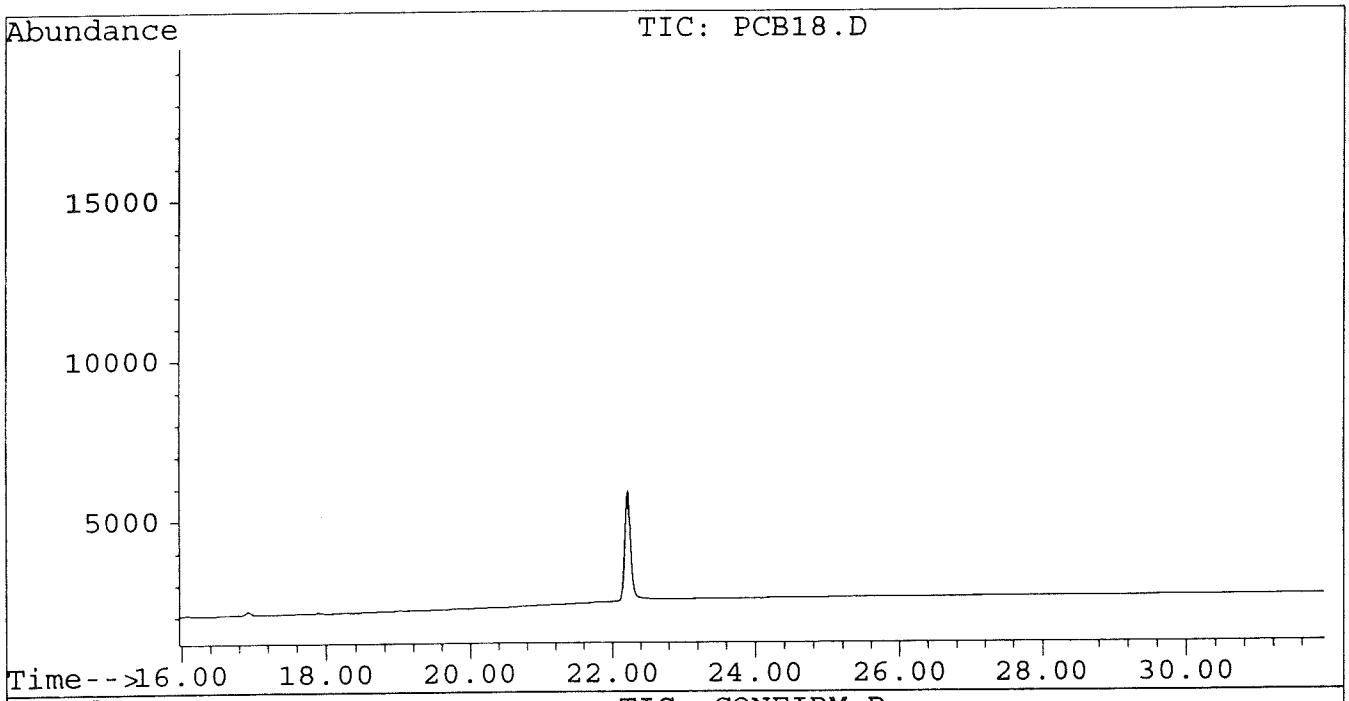
Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB18.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB18.D\CONFIRM.D
Acq On : 11 May 96 04:13 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: May 15 14:05 1996

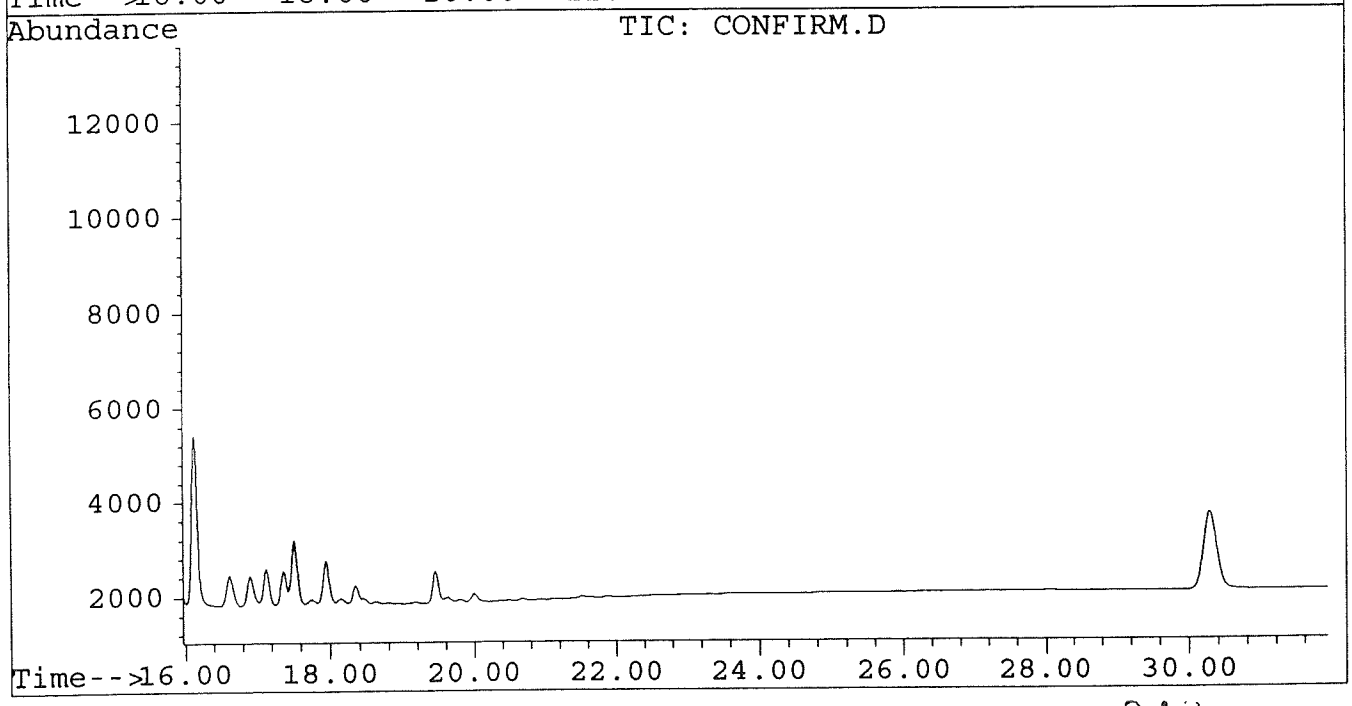
Vial: 18

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB17.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB17.D\CONFIRM.D
Acq On : 11 May 96 03:38 AM
Sample : AR1242 2.5 UG/ML
Misc :
Quant Time: May 15 14:02 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4 Aroclor-1242	8.19	11.60	34636	22780	0.049	0.035 #
13) L4 Aroclor-1242 {2}	8.91	12.19	11261	9942	0.009	0.008
14) L4 Aroclor-1242 {3}	10.05	13.95	13960	9921	0.006	0.005
Total Aroclor-1242			59857	42643	0.064	0.048
Average Aroclor-1242					0.021	0.016
15) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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\PCB5LVL1\PCB17.D Vial: 17
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB17.D\CONFIRM.D
Acq On : 11 May 96 03:38 AM Operator: JS
Sample : AR1242 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
18) L6	Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7	Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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\PCB5LVL1\PCB17.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB17.D\CONFIRM.D
Acq On : 11 May 96 03:38 AM
Sample : AR1242 2.5 UG/ML
Misc :
Quant Time: May 15 14:02 1996

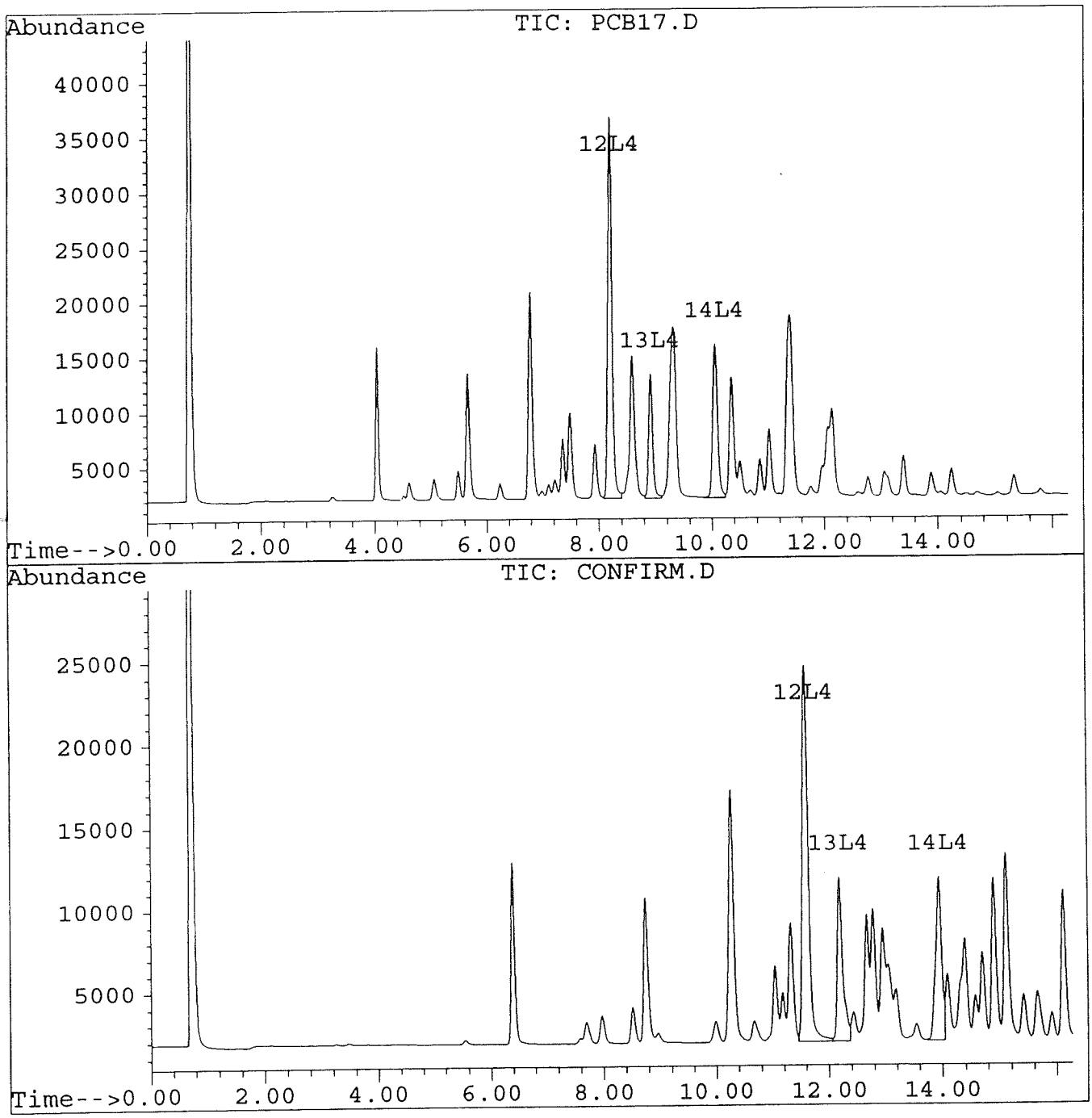
Vial: 17

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

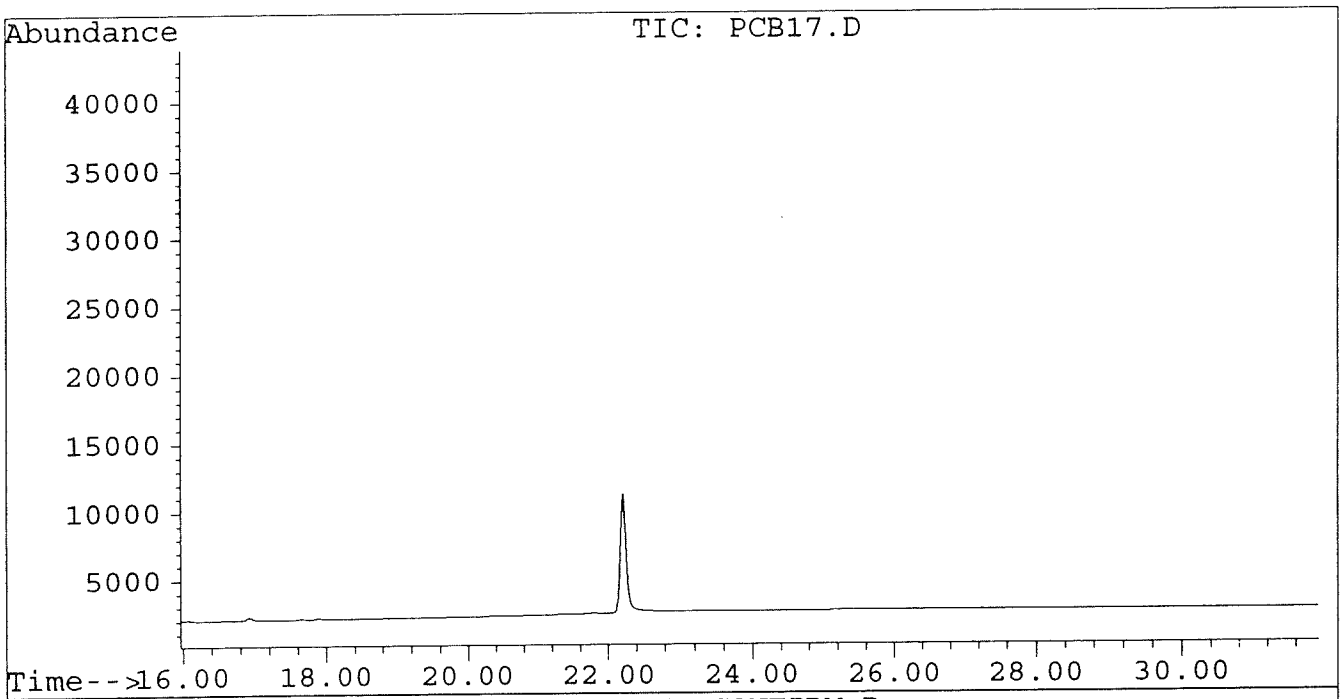
Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB17.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB17.D\CONFIRM.D
Acq On : 11 May 96 03:38 AM
Sample : AR1242 2.5 UG/ML
Misc :
Quant Time: May 15 14:02 1996

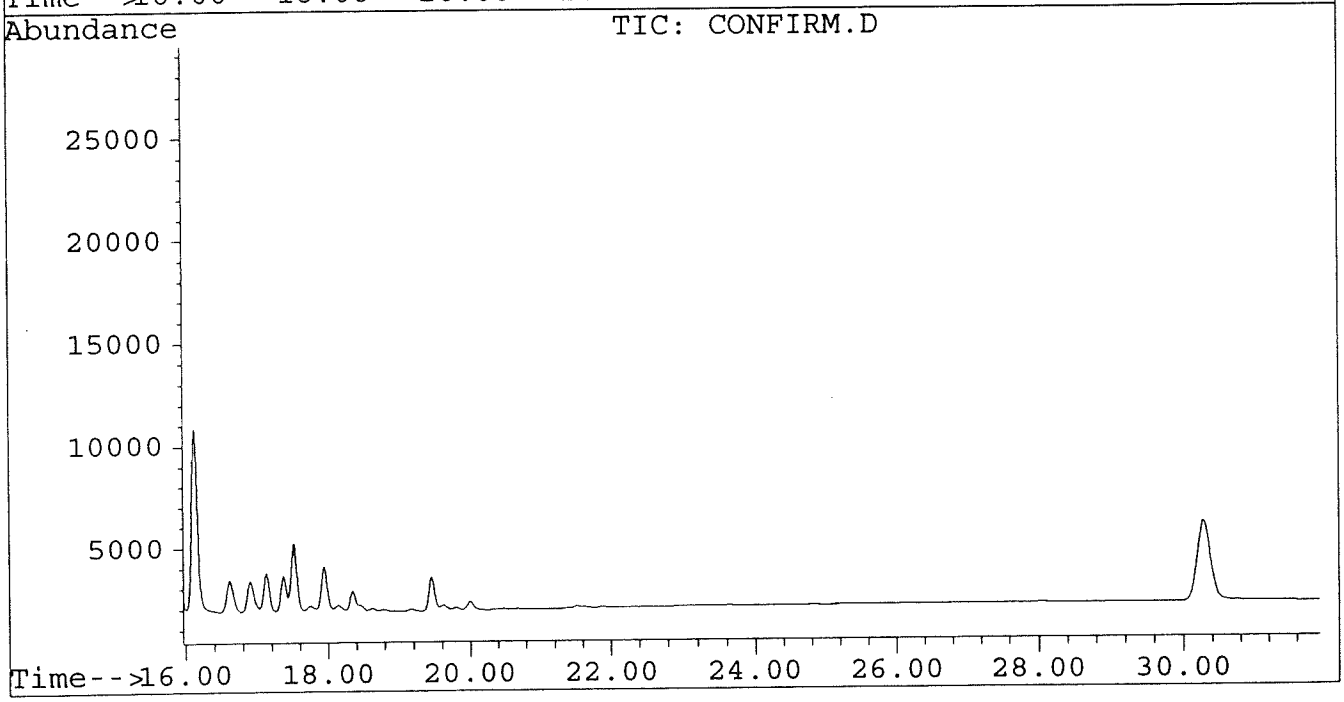
Vial: 17

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB16.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB16.D\CONFIRM.D
Acq On : 11 May 96 03:02 AM
Sample : AR1242 5.0 UG/ML
Misc :
Quant Time: May 15 14:04 1996

Vial: 16

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4 Aroclor-1242	8.19	11.60	61710	40124	0.087	0.062 #
13) L4 Aroclor-1242 {2}	8.91	12.19	21453	18169	0.017	0.014
14) L4 Aroclor-1242 {3}	10.05	13.95	25909	17993	0.012	0.009 #
Total Aroclor-1242			109072	76285	0.116	0.085
Average Aroclor-1242					0.039	0.028
15) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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\PCB5LVL1\PCB16.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB16.D\CONFIRM.D
Acq On : 11 May 96 03:02 AM
Sample : AR1242 5.0 UG/ML
Misc :
Quant Time: May 15 14:04 1996

Vial: 16

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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\PCB5LVL1\PCB16.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB16.D\CONFIRM.D
Acq On : 11 May 96 03:02 AM
Sample : AR1242 5.0 UG/ML
Misc :
Quant Time: May 15 14:04 1996

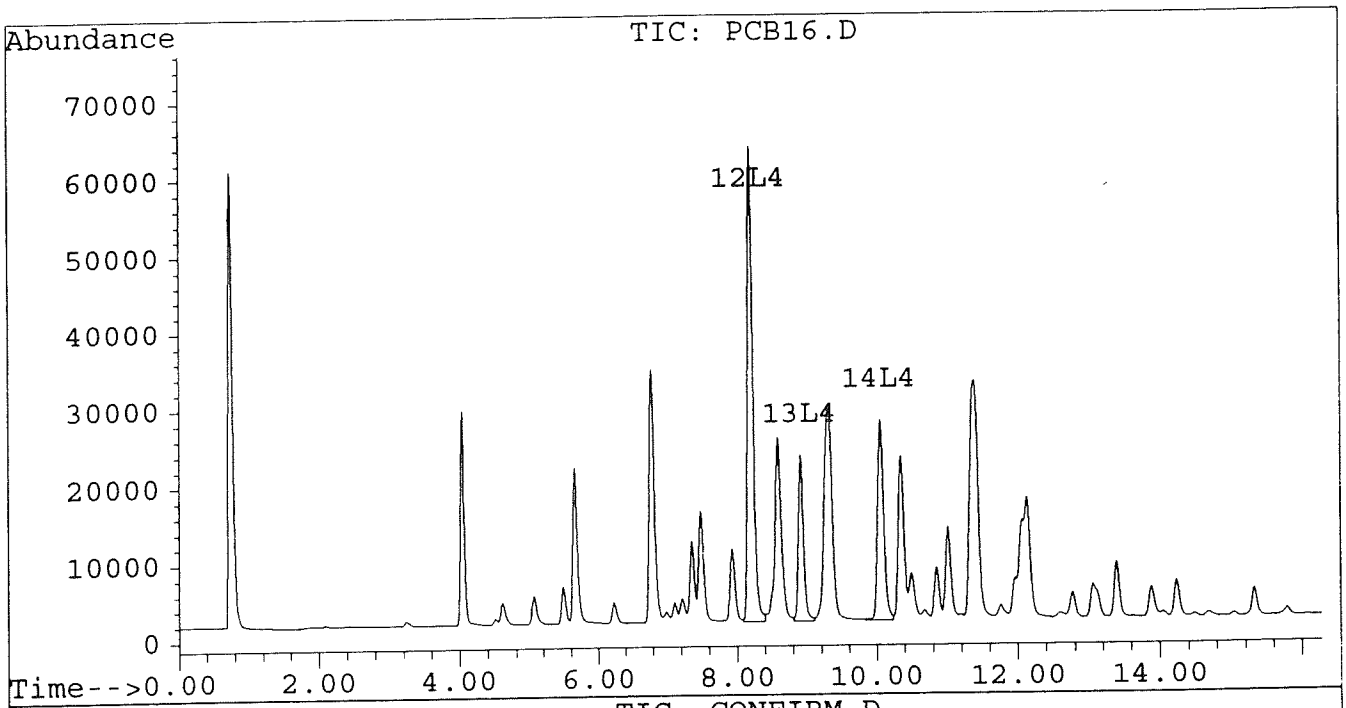
Vial: 16

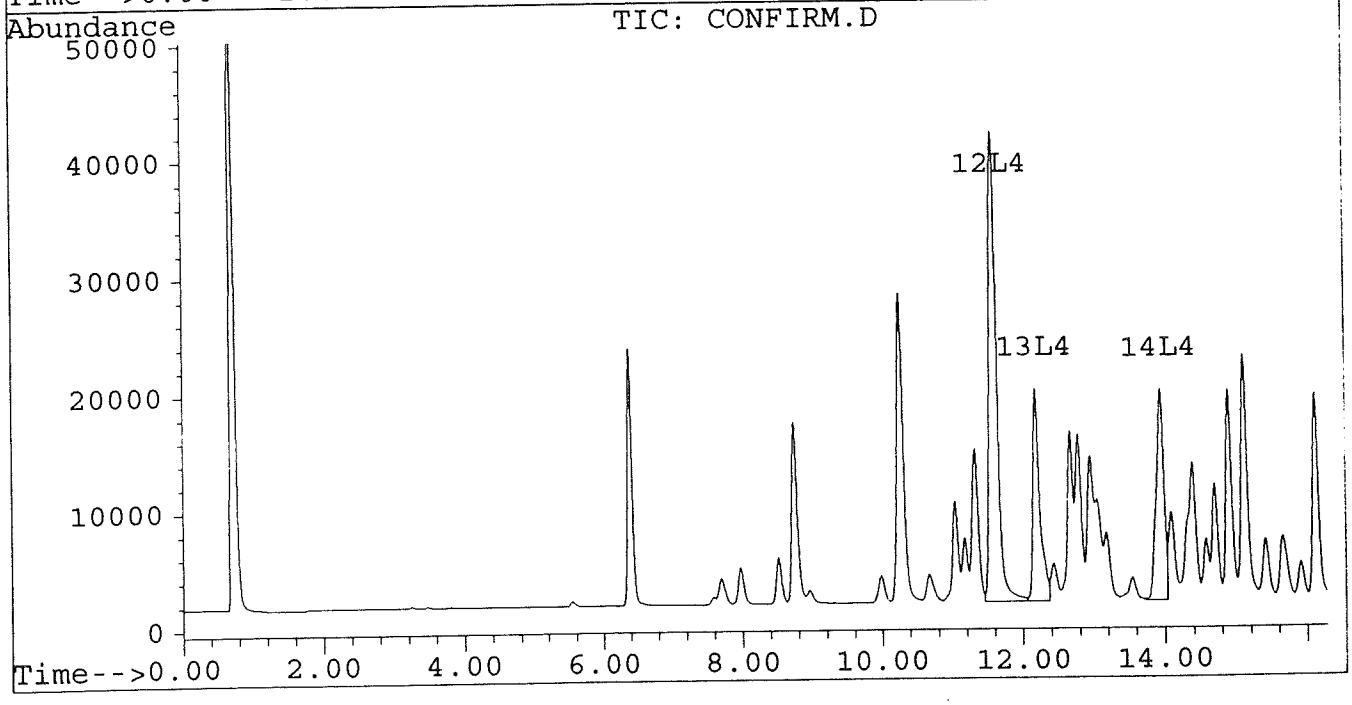
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB16.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB16.D\CONFIRM.D
Acq On : 11 May 96 03:02 AM
Sample : AR1242 5.0 UG/ML
Misc :
Quant Time: May 15 14:04 1996

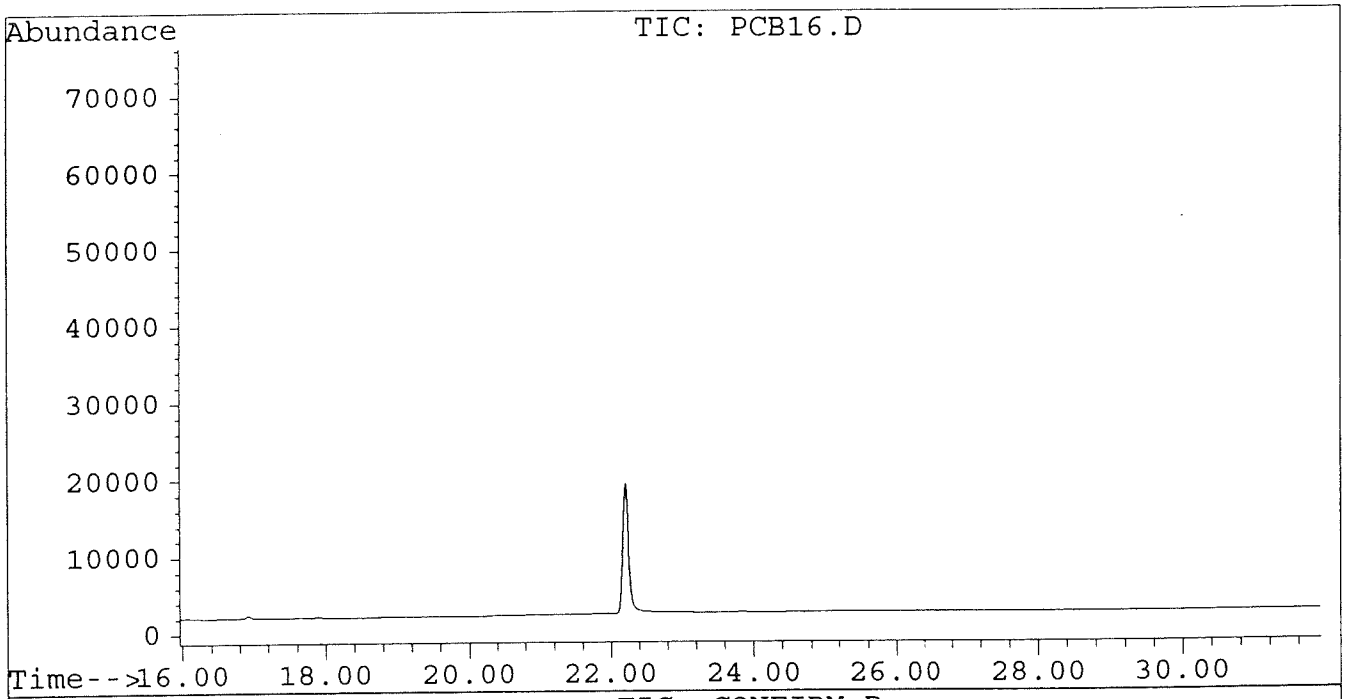
Vial: 16

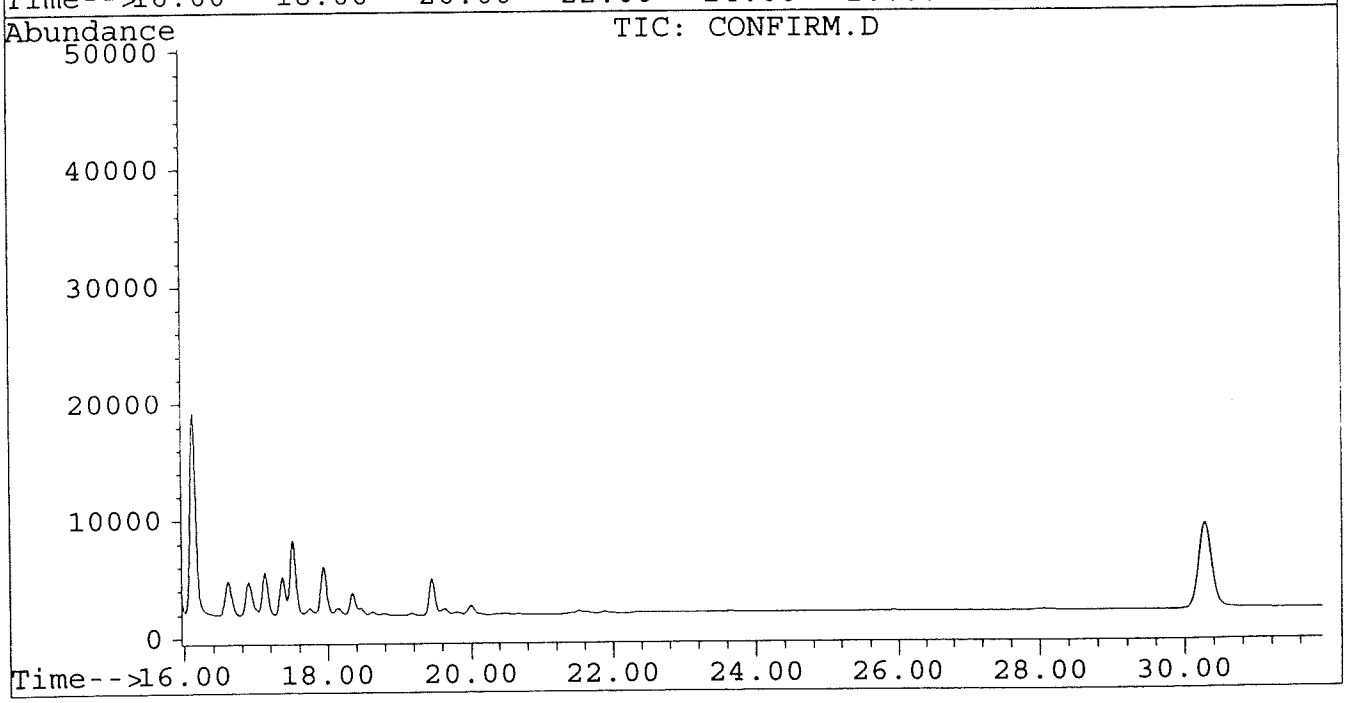
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB15.D Vial: 15
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB15.D\CONFIRM.D
Acq On : 11 May 96 02:27 AM Operator: JS
Sample : AR1248 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1 Aroclor-1016 (2)	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2 Aroclor-1221 (2)	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3 Aroclor-1232 (2)	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4 Aroclor-1242 (2)	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5 Aroclor-1248	9.30	14.90	726	494	0.000	0.000 #
16) L5 Aroclor-1248 (2)	10.05	15.12	564	490	0.000	0.000
17) L5 Aroclor-1248 (3)	11.37	16.12	746	367	0.000	0.000
Total Aroclor-1248			2036	1351	0.001	0.001
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\PCB5LVL1\PCB15.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB15.D\CONFIRM.D
Acq On : 11 May 96 02:27 AM
Sample : AR1248 0.1 UG/ML
Misc :
Quant Time: May 15 14:12 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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

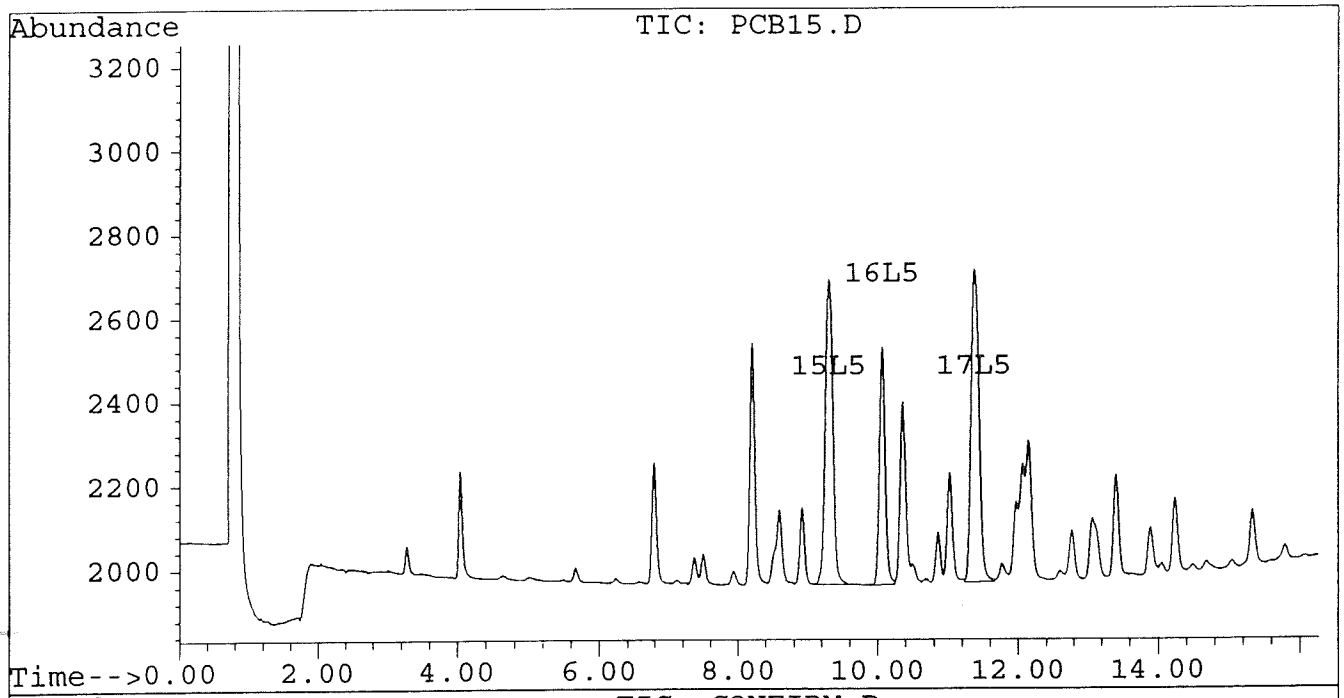
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

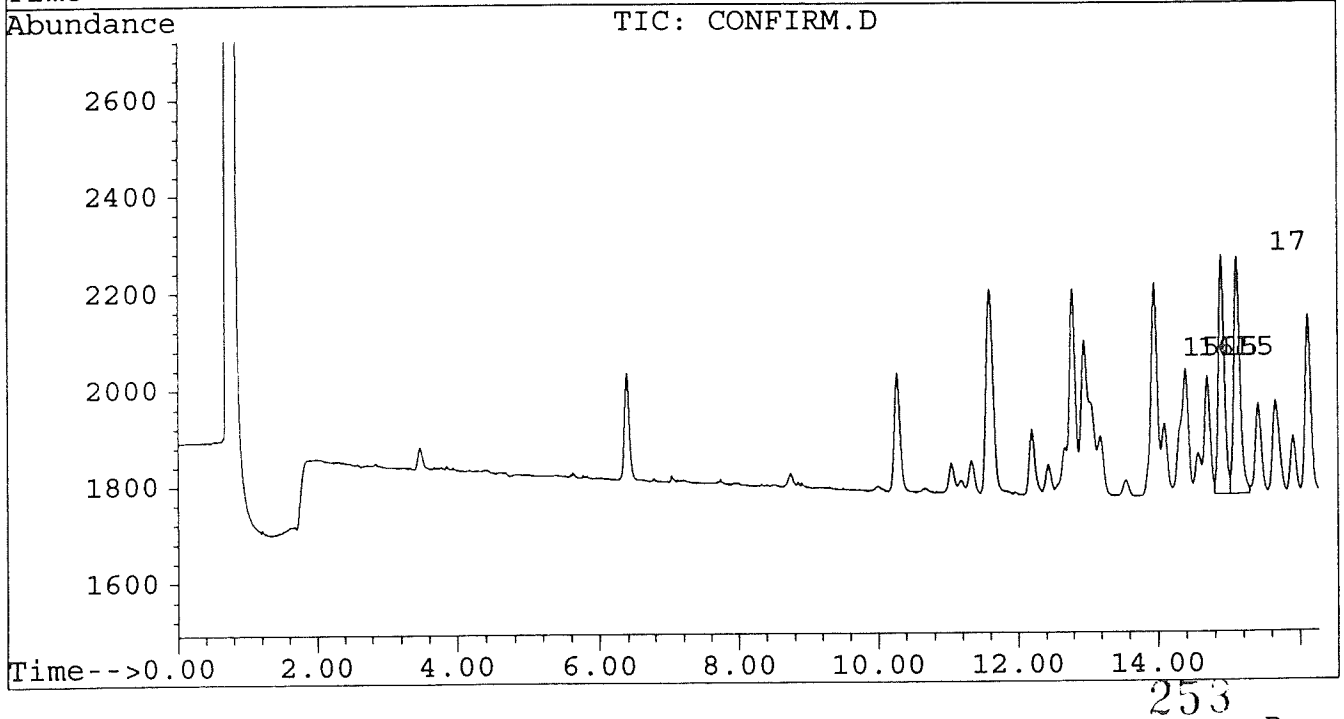
Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB15.D Vial: 15
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB15.D\CONFIRM.D
Acq On : 11 May 96 02:27 AM Operator: JS
Sample : AR1248 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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



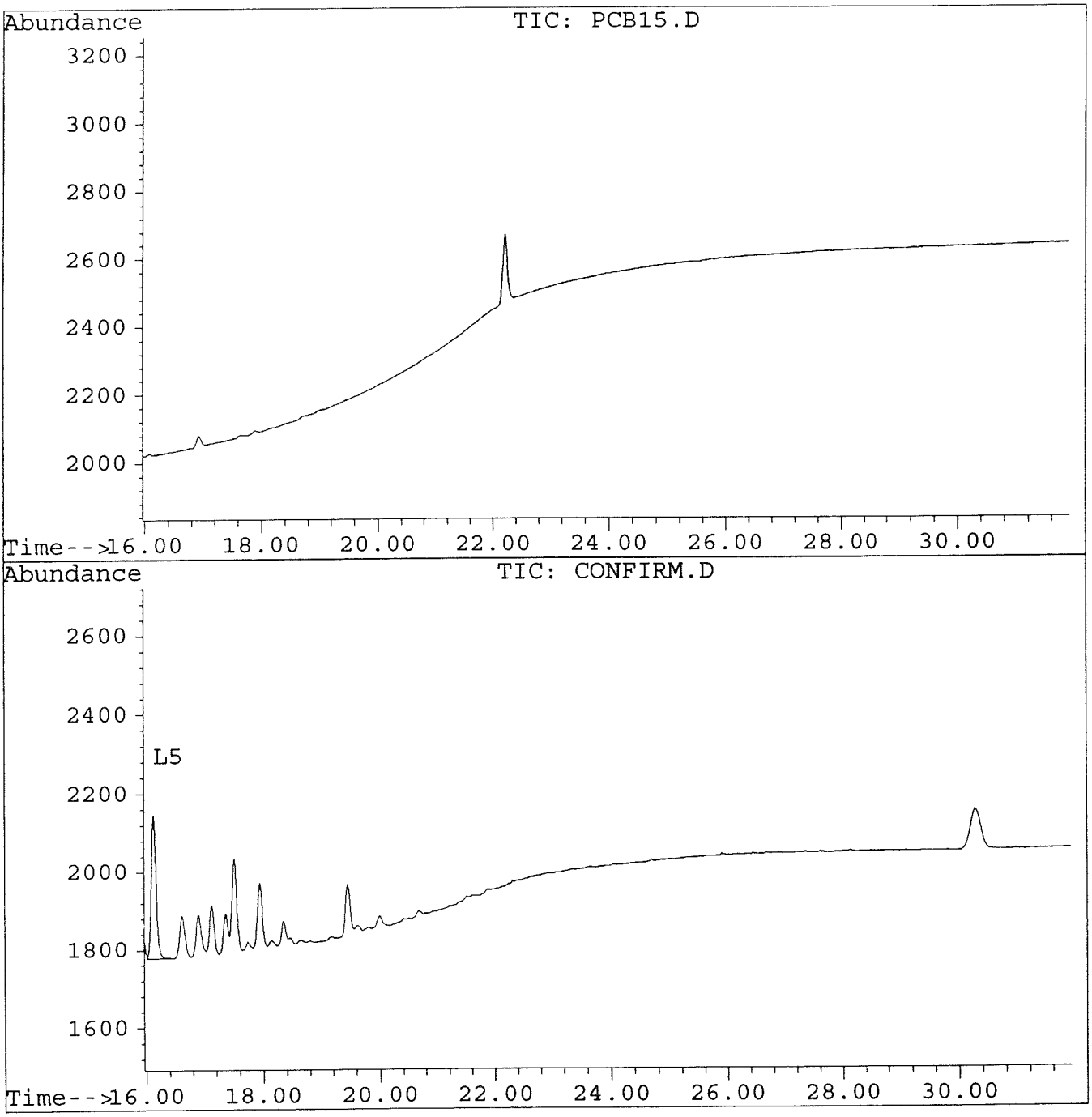


Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB15.D Vial: 15
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB15.D\CONFIRM.D
Acq On : 11 May 96 02:27 AM Operator: JS
Sample : AR1248 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\PCB5LVL1\PCB14.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB14.D\CONFIRM.D
Acq On : 11 May 96 01:51 AM
Sample : AR1248 0.5 UG/ML
Misc :
Quant Time: May 15 14:11 1996

Vial: 14

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5 Aroclor-1248	9.30	14.90	3412	2261	0.001	0.002 #
16) L5 Aroclor-1248 {2}	10.06	15.12	2770	2296	0.002	0.002
17) L5 Aroclor-1248 {3}	11.37	16.12	3584	1758	0.001	0.001
Total Aroclor-1248			9766	6315	0.004	0.005
Average Aroclor-1248					0.001	0.002

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB14.D Vial: 14
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB14.D\CONFIRM.D
Acq On : 11 May 96 01:51 AM Operator: JS
Sample : AR1248 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
18) L6	Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7	Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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

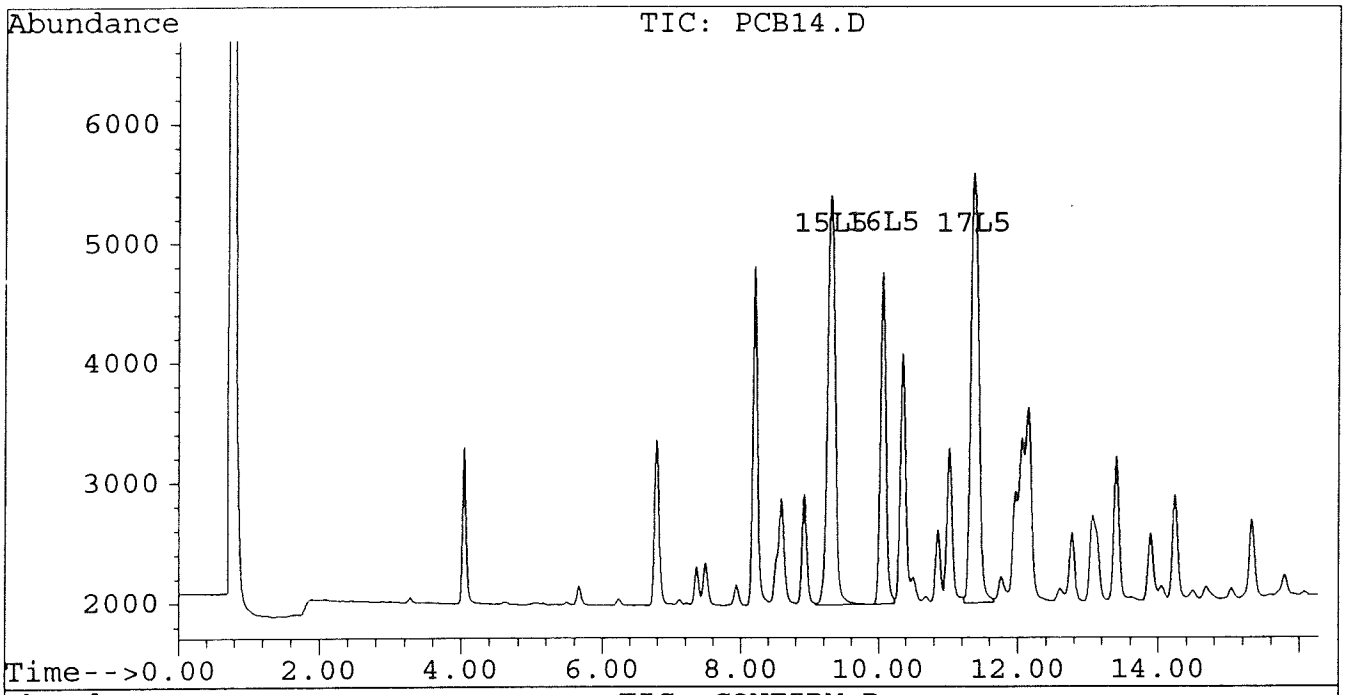
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

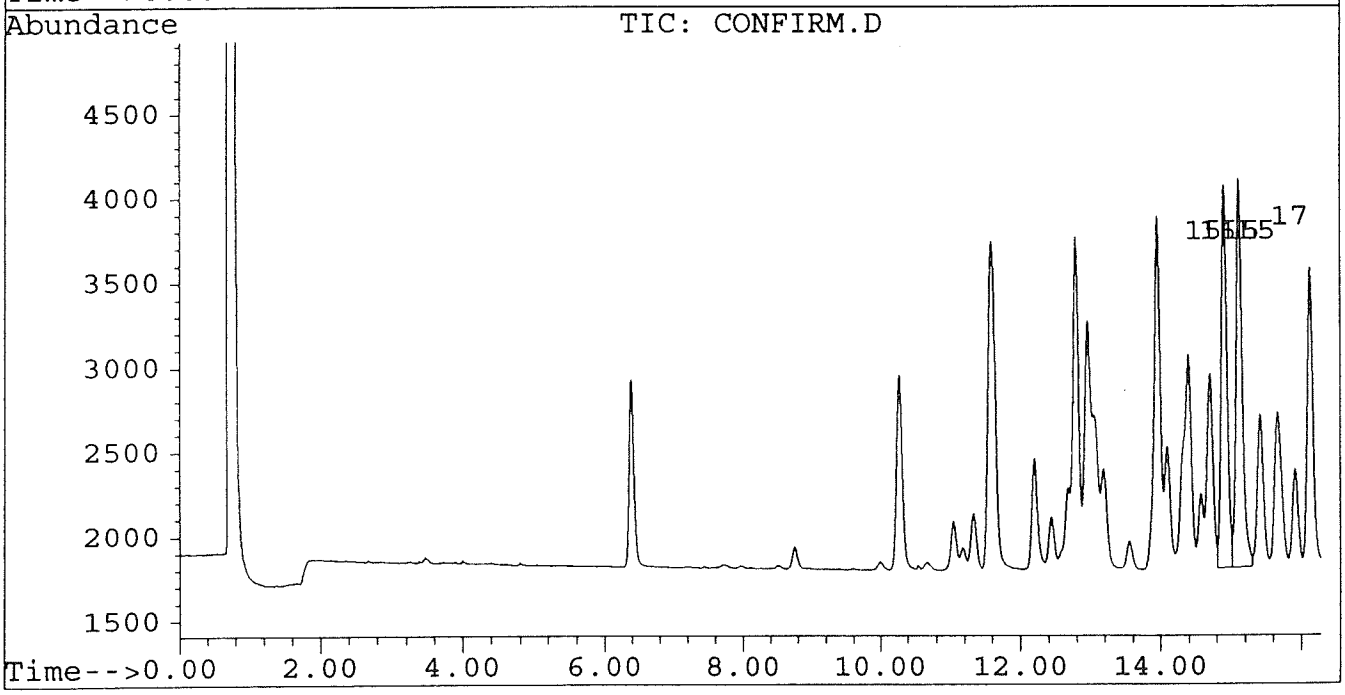
Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB14.D Vial: 14
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB14.D\CONFIRM.D
Acq On : 11 May 96 01:51 AM Operator: JS
Sample : AR1248 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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



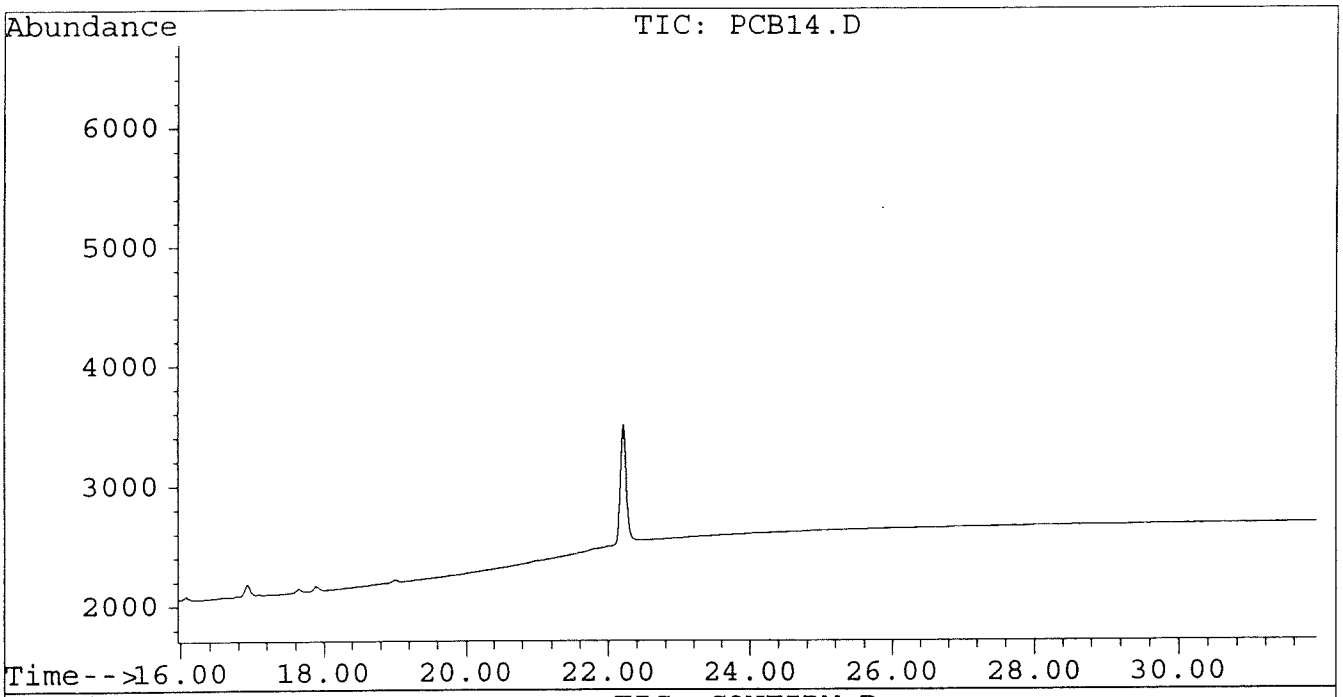


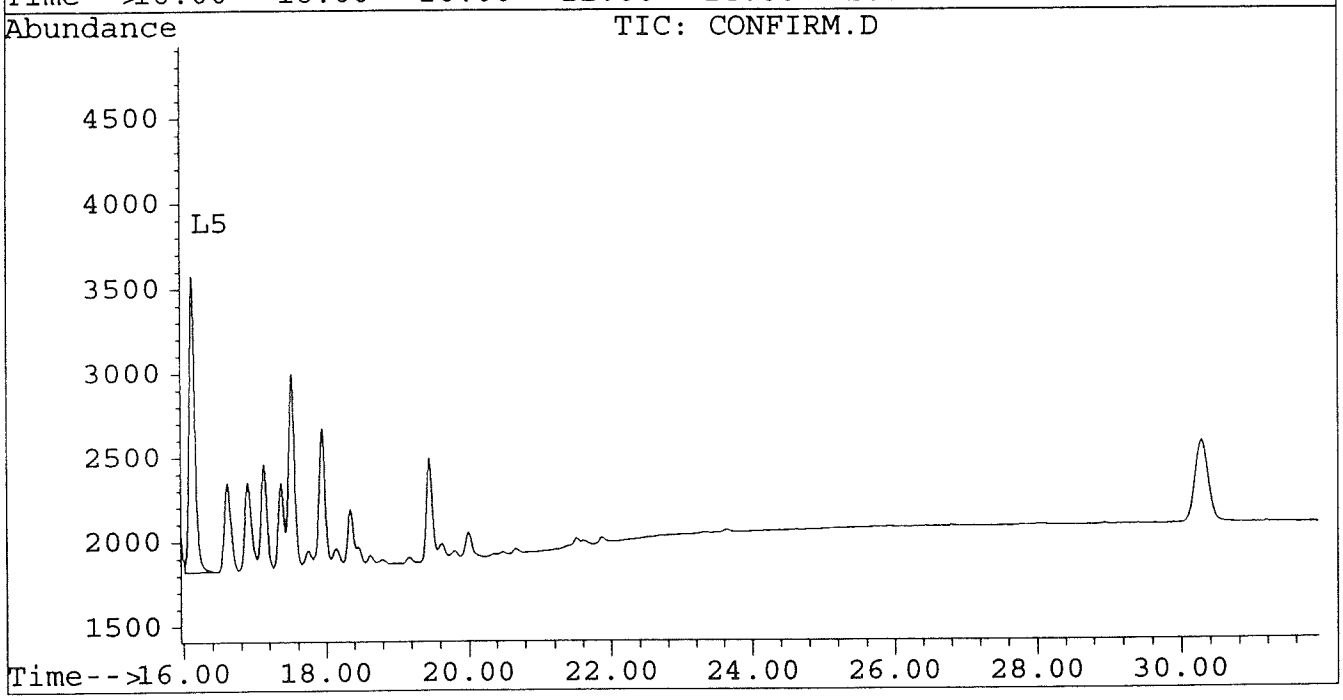
Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB14.D Vial: 14
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB14.D\CONFIRM.D
Acq On : 11 May 96 01:51 AM Operator: JS
Sample : AR1248 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\PCB5LVL1\PCB13.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB13.D\CONFIRM.D
Acq On : 11 May 96 01:16 AM
Sample : AR1248 1.0 UG/ML
Misc :
Quant Time: May 15 14:10 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5 Aroclor-1248	9.30	14.90	6515	4367	0.002	0.004 #
16) L5 Aroclor-1248 {2}	10.05	15.12	5427	4427	0.003	0.004
17) L5 Aroclor-1248 {3}	11.37	16.12	7060	3441	0.002	0.003
Total Aroclor-1248			19002	12234	0.008	0.010
Average Aroclor-1248					0.003	0.003

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

25

Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB13.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB13.D\CONFIRM.D
Acq On : 11 May 96 01:16 AM
Sample : AR1248 1.0 UG/ML
Misc :
Quant Time: May 15 14:10 1996

Vial: 13

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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.
PCB13.D PCB1B.M Thu May 16 09:13:09 1996 HPPC Page 2

Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB13.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB13.D\CONFIRM.D
Acq On : 11 May 96 01:16 AM
Sample : AR1248 1.0 UG/ML
Misc :
Quant Time: May 15 14:10 1996

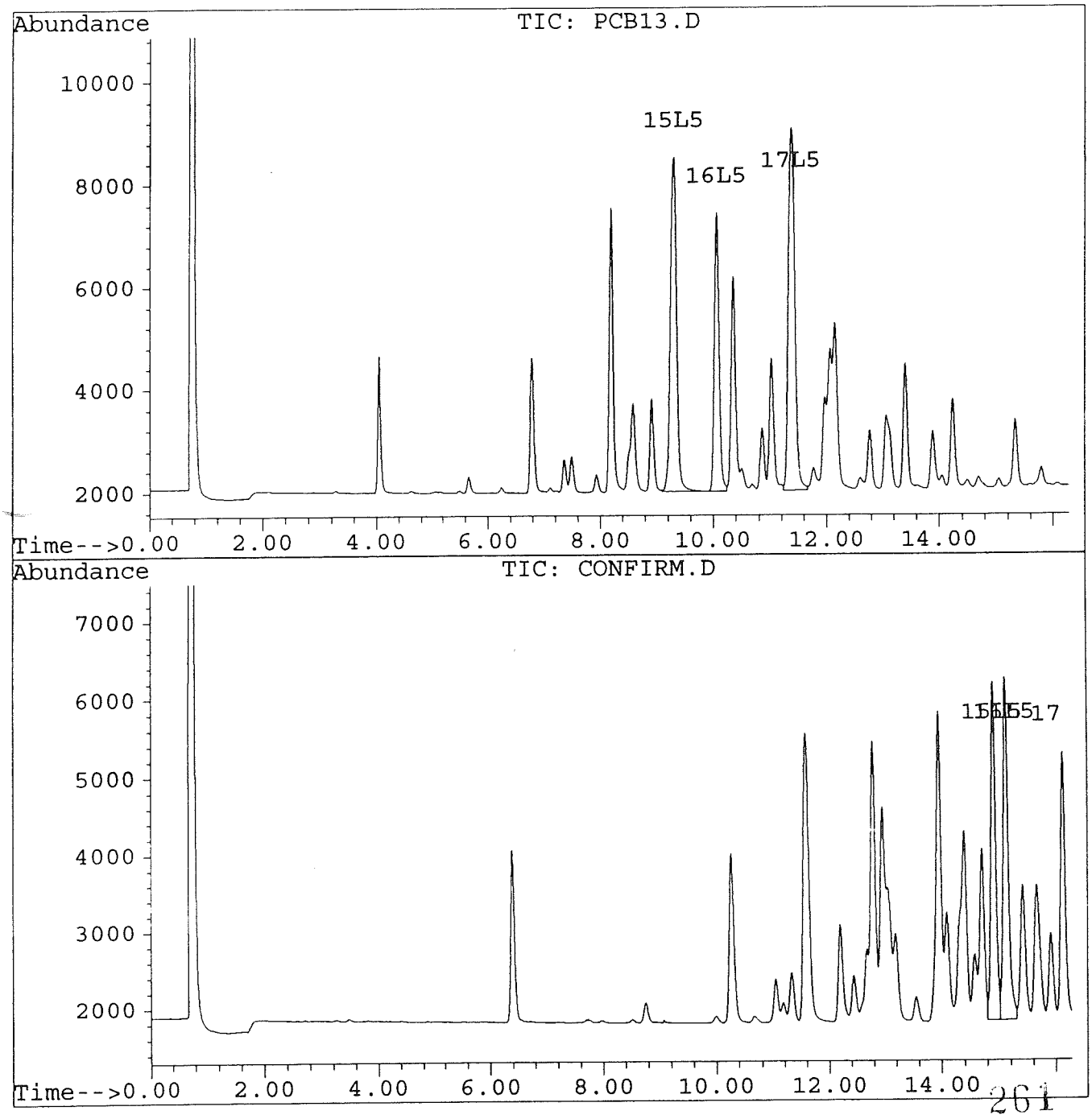
Vial: 13

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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

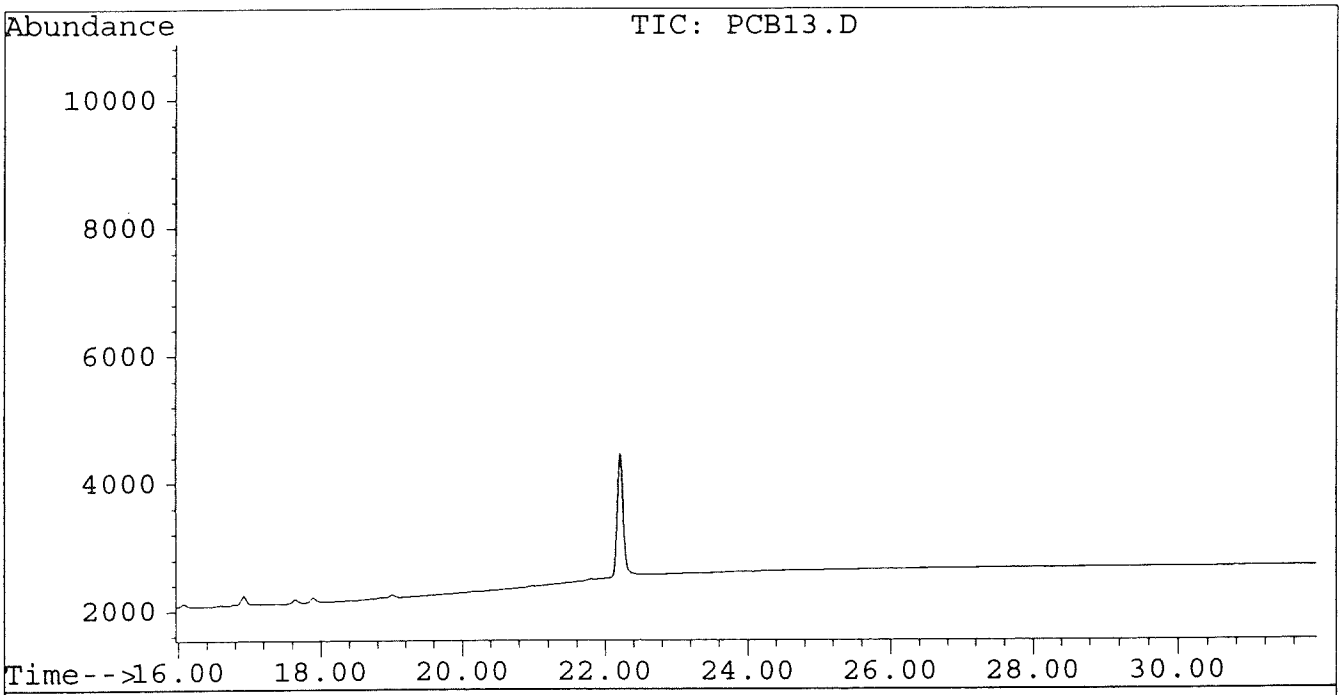


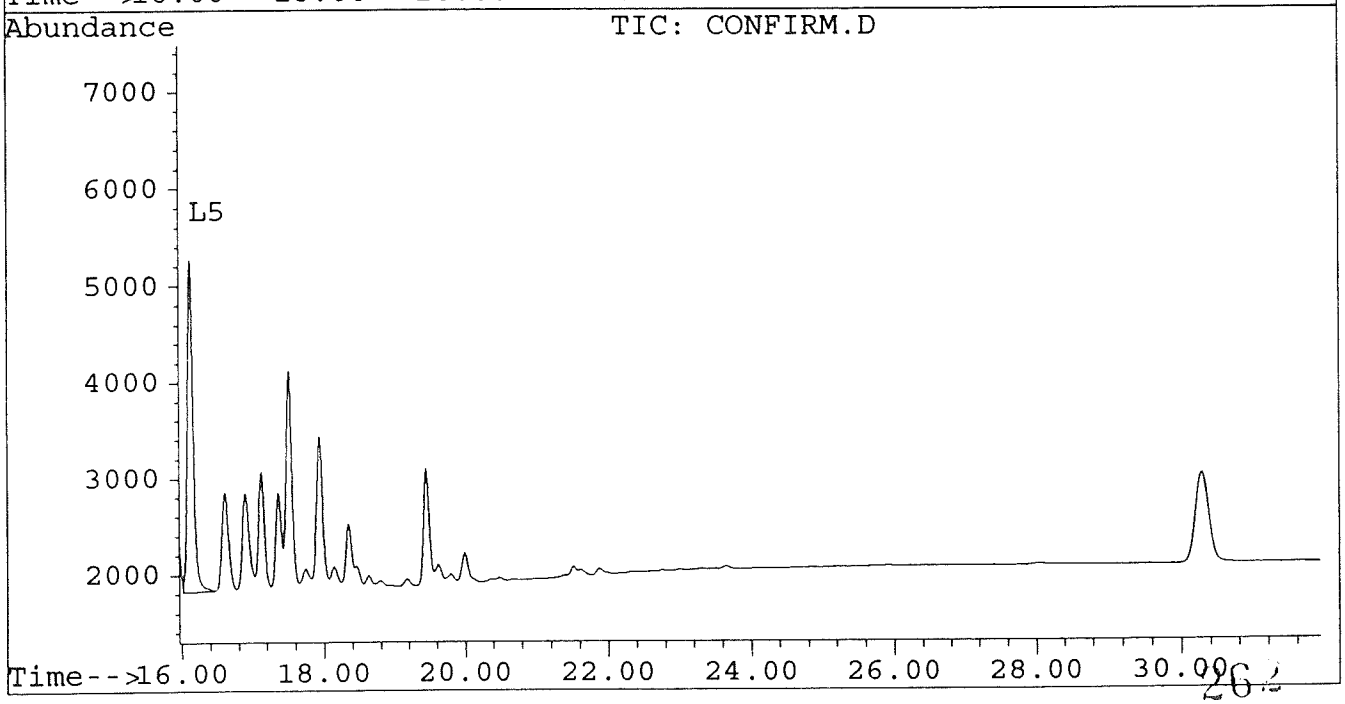
Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB13.D Vial: 13
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB13.D\CONFIRM.D
Acq On : 11 May 96 01:16 AM Operator: JS
Sample : AR1248 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:10 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\PCB5LVL1\PCB12.D Vial: 12
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB12.D\CONFIRM.D
Acq On : 11 May 96 00:40 AM Operator: JS
Sample : AR1248 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5	Aroclor-1248	9.30	14.90	13762	9247	0.005	0.008 #
16) L5	Aroclor-1248 {2}	10.05	15.12	12005	9557	0.007	0.008
17) L5	Aroclor-1248 {3}	11.37	16.12	15693	7613	0.005	0.006
	Total Aroclor-1248			41460	26416	0.017	0.021
	Average Aroclor-1248					0.006	0.007

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
PCB12.D PCB1B.M Thu May 16 09:12:13 1996 HPPC Page 1

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB12.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB12.D\CONFIRM.D
Acq On : 11 May 96 00:40 AM
Sample : AR1248 2.5 UG/ML
Misc :
Quant Time: May 15 14:09 1996

Vial: 12

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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\PCB5LVL1\PCB12.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB12.D\CONFIRM.D
Acq On : 11 May 96 00:40 AM
Sample : AR1248 2.5 UG/ML
Misc :
Quant Time: May 15 14:09 1996

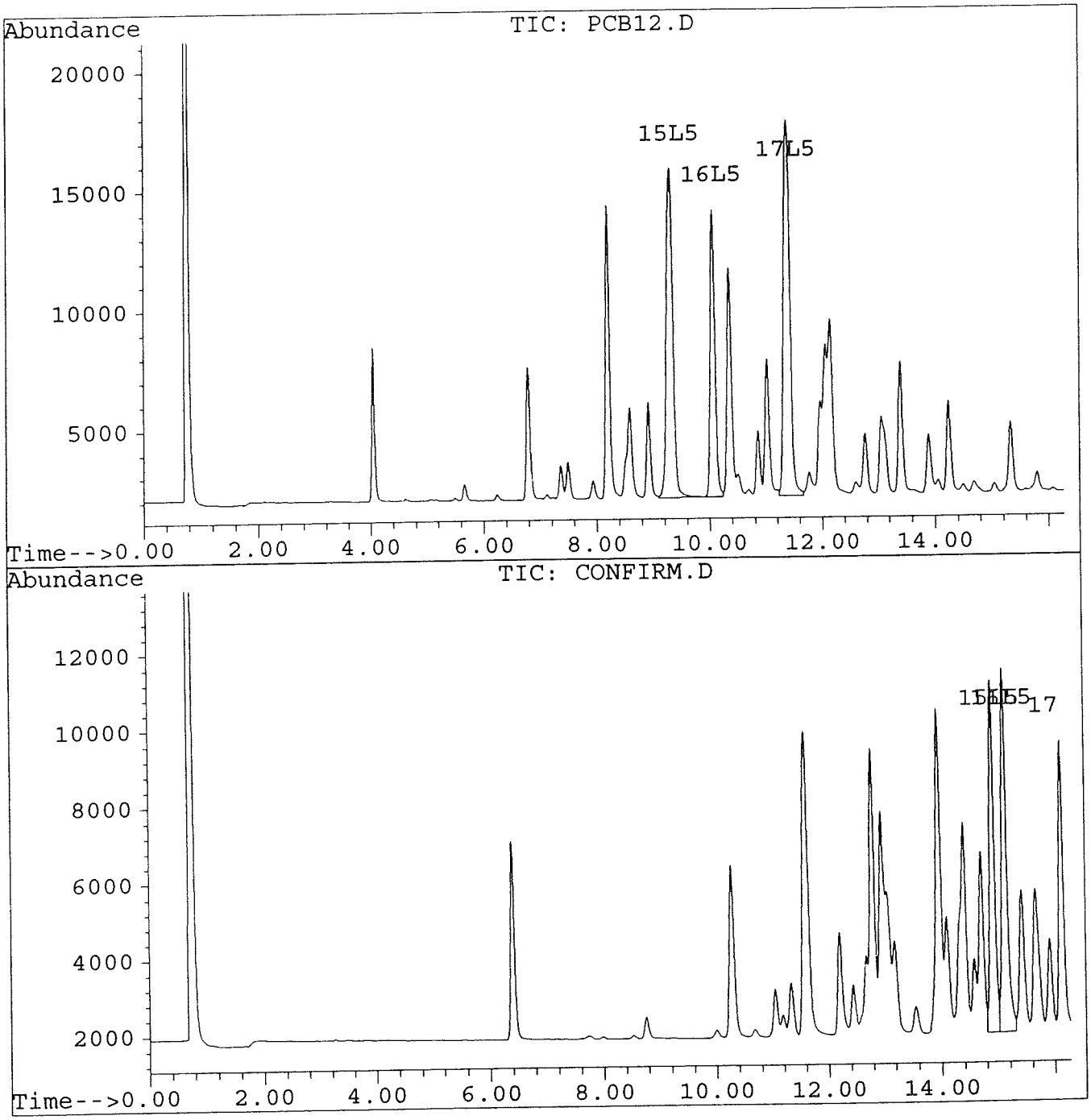
Vial: 12

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB12.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB12.D\CONFIRM.D
Acq On : 11 May 96 00:40 AM
Sample : AR1248 2.5 UG/ML
Misc :
Quant Time: May 15 14:09 1996

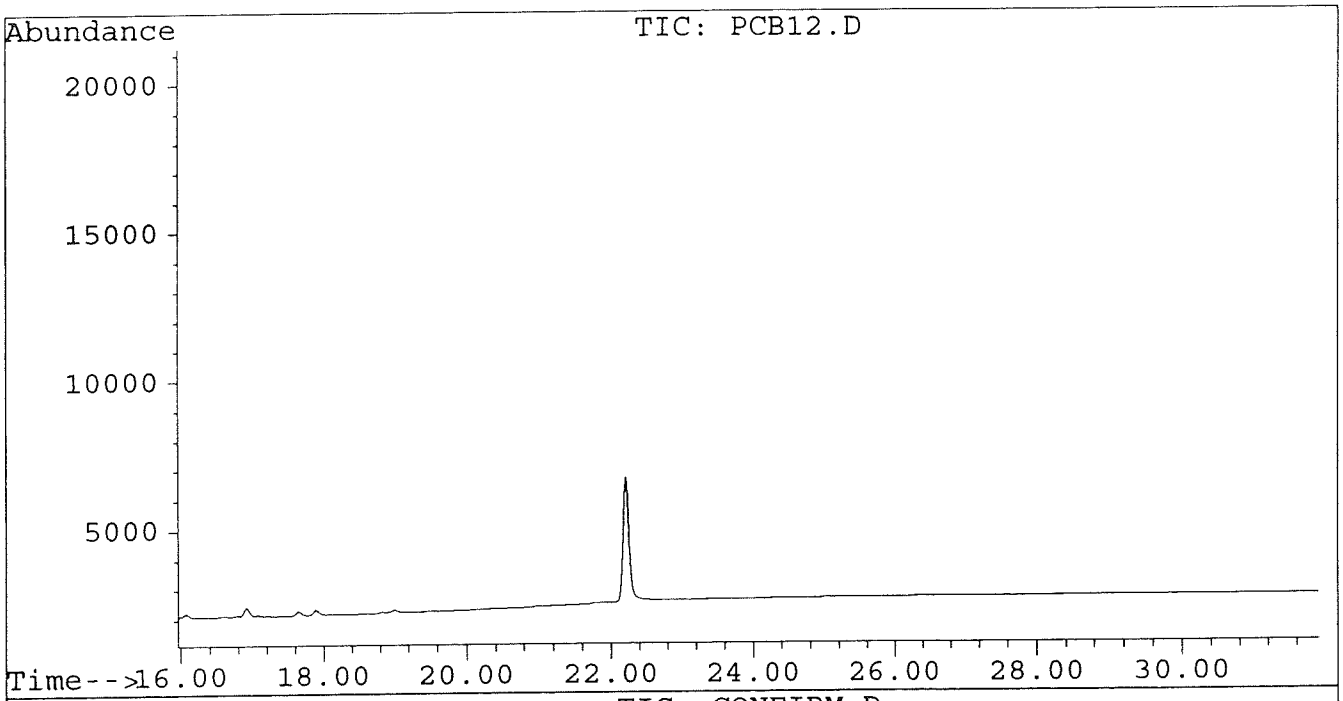
Vial: 12

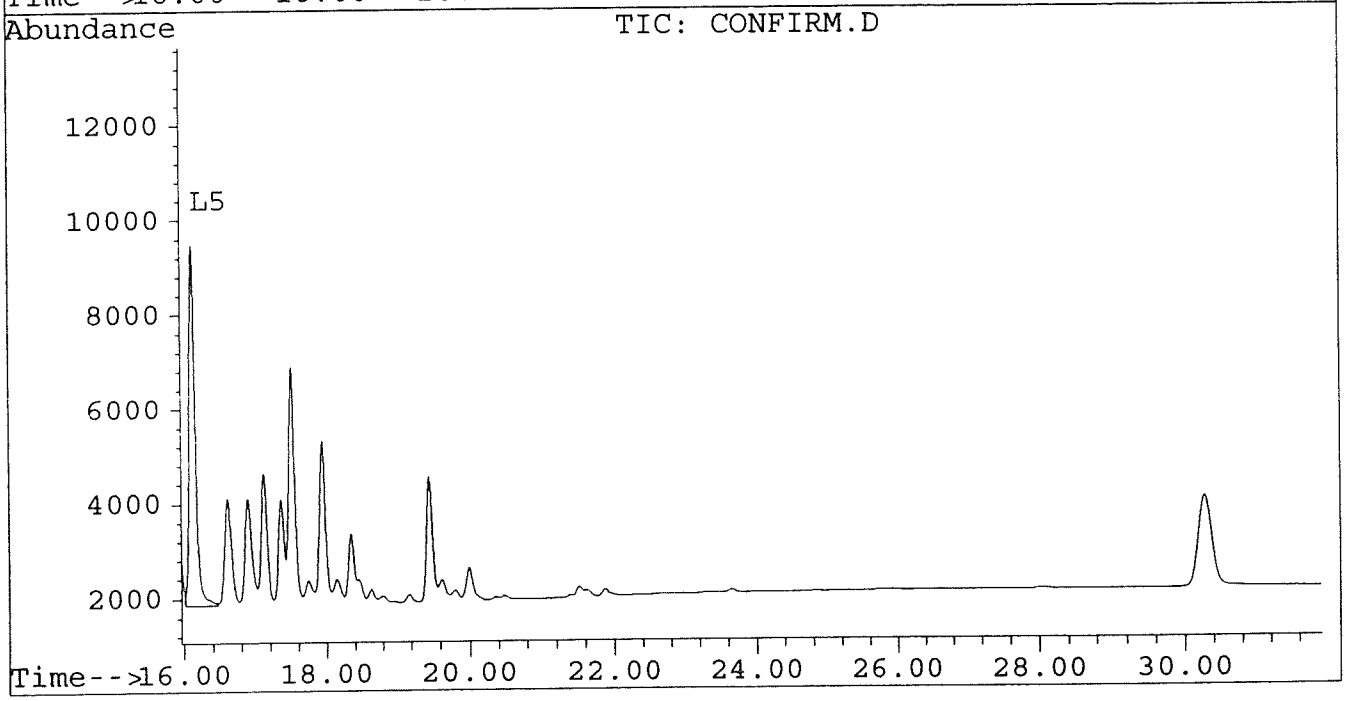
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB11.D Vial: 11
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB11.D\CONFIRM.D
Acq On : 11 May 96 00:04 AM Operator: JS
Sample : AR1248 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5	Aroclor-1248	9.30	14.90	27486	18348	0.010	0.015 #
16) L5	Aroclor-1248 {2}	10.05	15.11	24736	19523	0.015	0.016
17) L5	Aroclor-1248 {3}	11.37	16.12	32255	16213	0.011	0.012
Total	Aroclor-1248			84477	54084	0.036	0.044
Average	Aroclor-1248					0.012	0.015

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB11.D Vial: 11
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB11.D\CONFIRM.D
Acq On : 11 May 96 00:04 AM Operator: JS
Sample : AR1248 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5 Aroclor-1248	9.30	14.90	27486	18348	0.010	0.015 #
16) L5 Aroclor-1248 {2}	10.05	15.11	24736	19523	0.015	0.016
17) L5 Aroclor-1248 {3}	11.37	16.12	32255	16213	0.011	0.012
Total Aroclor-1248			84477	54084	0.036	0.044
Average Aroclor-1248					0.012	0.015

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB11.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB11.D\CONFIRM.D
Acq Cn : 11 May 96 00:04 AM
Sample : AR1248 5.0 UG/ML
Misc :
Quant Time: May 15 14:08 1996

Vial: 11

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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\PCB5LVL1\PCB11.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB11.D\CONFIRM.D
Acq On : 11 May 96 00:04 AM
Sample : AR1248 5.0 UG/ML
Misc :
Quant Time: May 15 14:08 1996

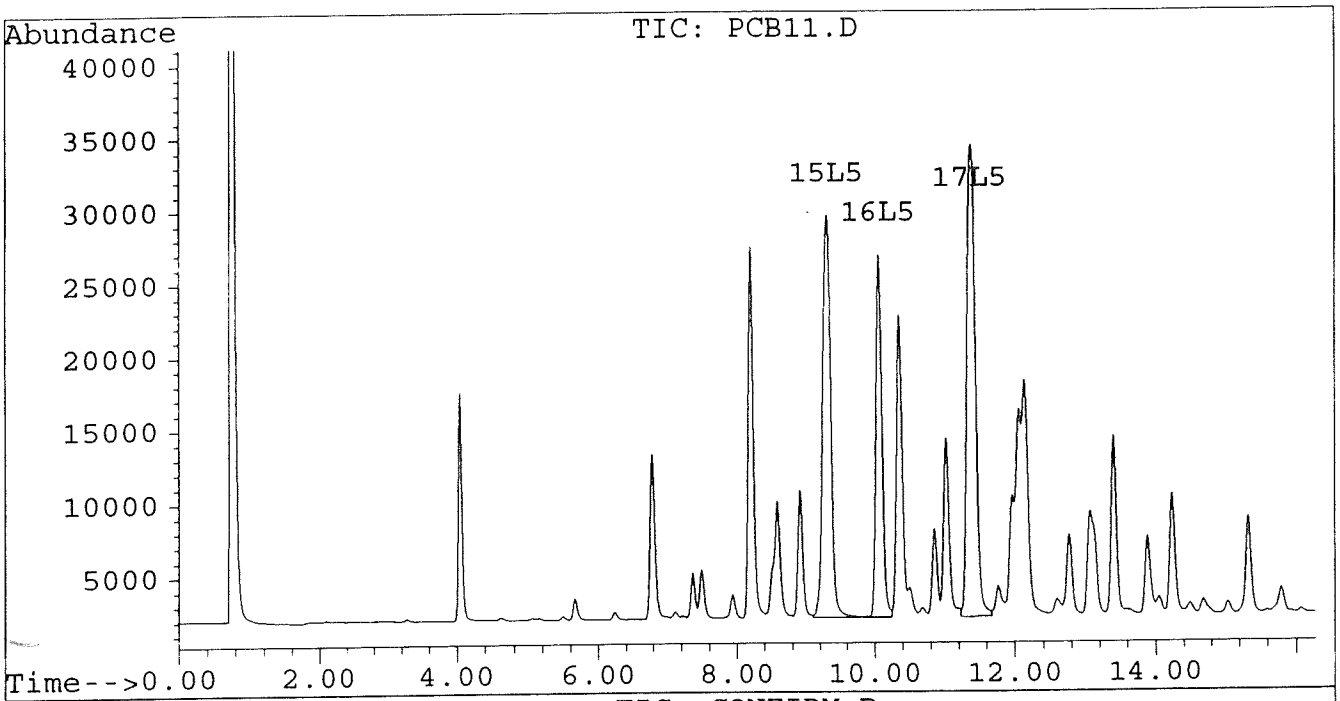
Vial: 11

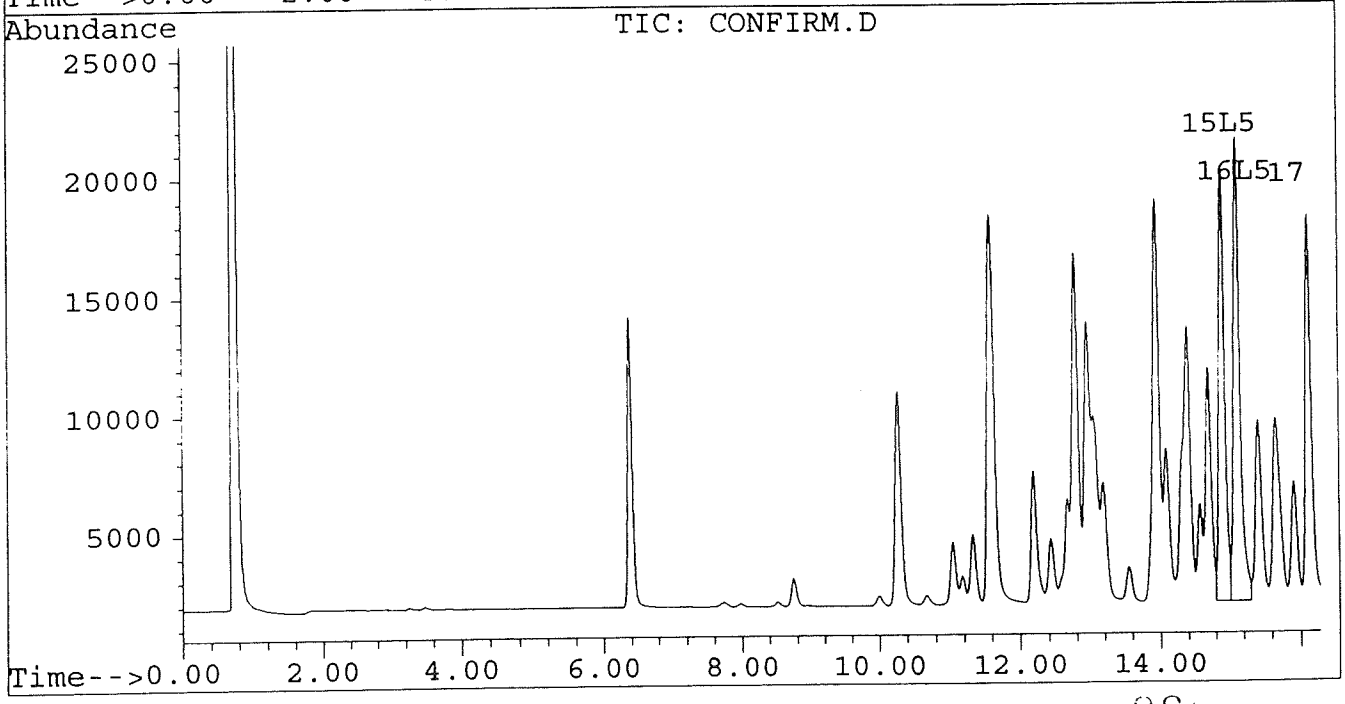
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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



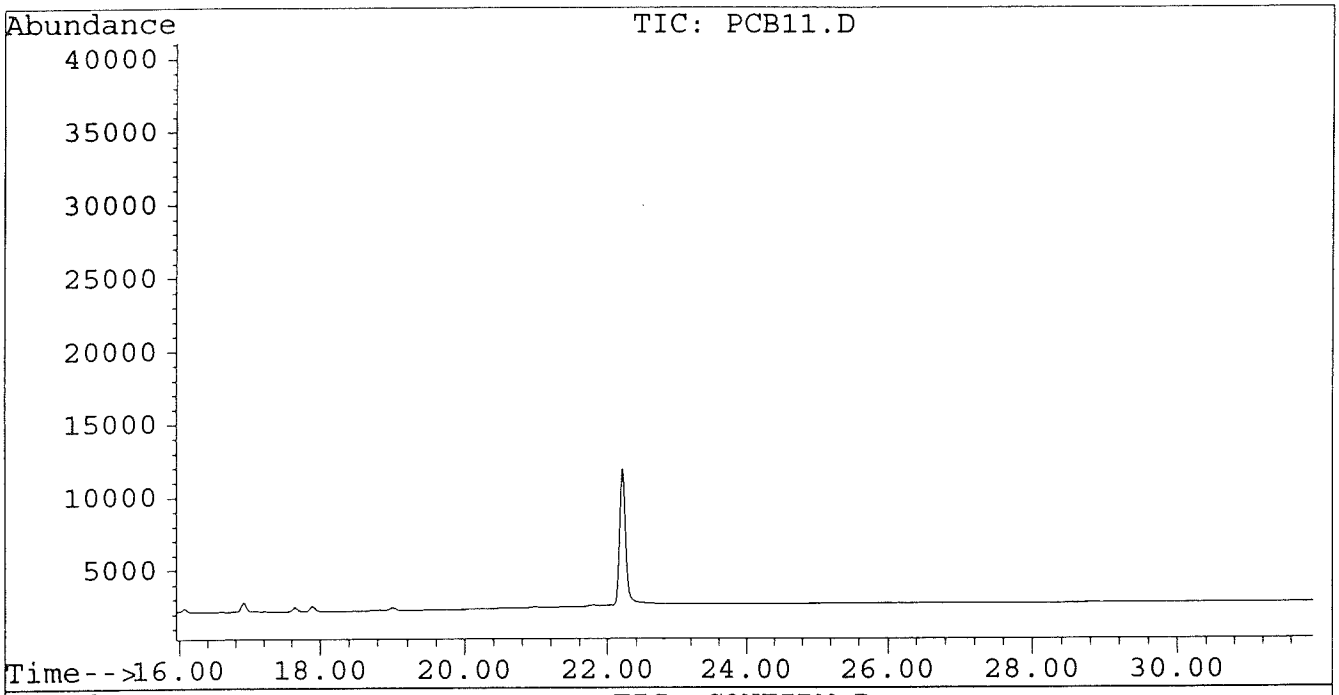


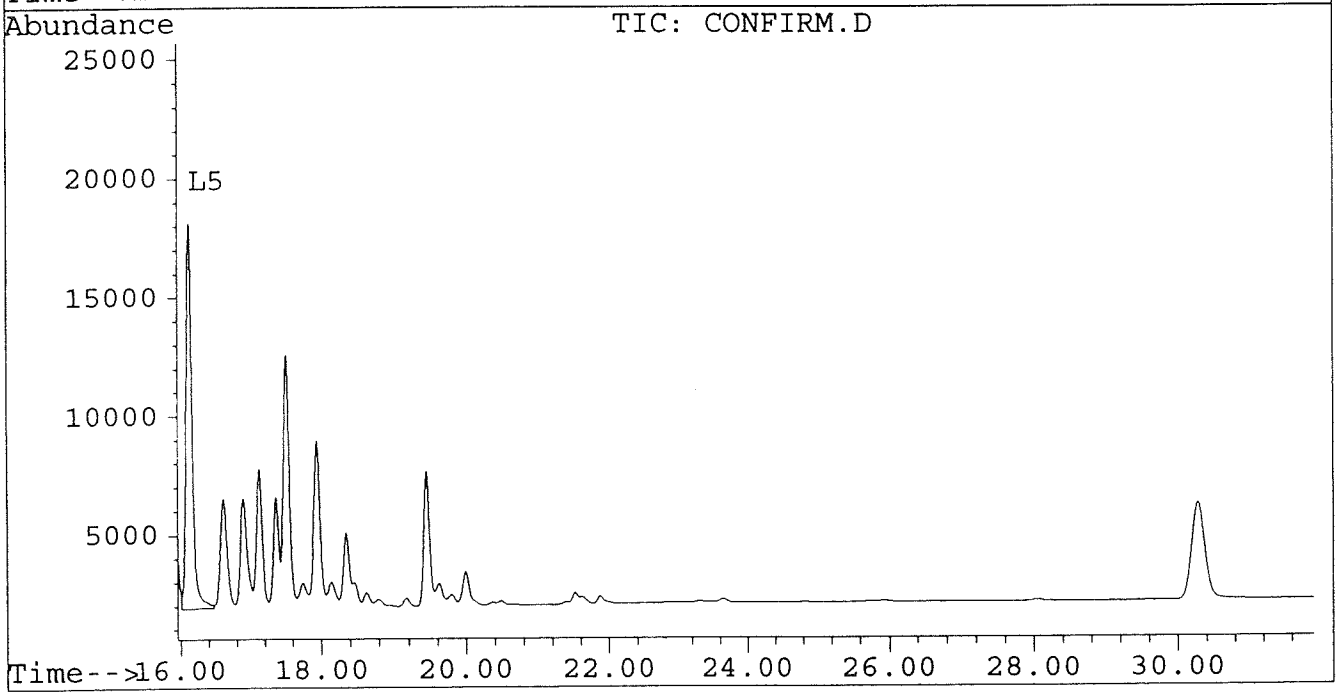
Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB11.D Vial: 11
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB11.D\CONFIRM.D
Acq On : 11 May 96 00:04 AM Operator: JS
Sample : AR1248 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\PCB5LVL1\PCB25.D Vial: 25
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB25.D\CONFIRM.D
Acq On : 11 May 96 08:22 AM Operator: JS
Sample : AR1232 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 14:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3	Aroclor-1232	5.66	8.75	472	367	0.000	0.000
10) L3	Aroclor-1232 {2}	6.78	10.27	336	301	0.000	0.000
11) L3	Aroclor-1232 {3}	8.59	12.20	189	161	0.000	0.000
	Total Aroclor-1232			996	829	0.001	0.001
	Average Aroclor-1232					0.000	0.000
12) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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\PCB5LVL1\PCB25.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB25.D\CONFIRM.D
Acq On : 11 May 96 08:22 AM
Sample : AR1232 0.1 UG/ML
Misc :
Quant Time: May 15 14:01 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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\PCB5LVL1\PCB25.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB25.D\CONFIRM.D
Acq On : 11 May 96 08:22 AM
Sample : AR1232 0.1 UG/ML
Misc :
Quant Time: May 15 14:01 1996

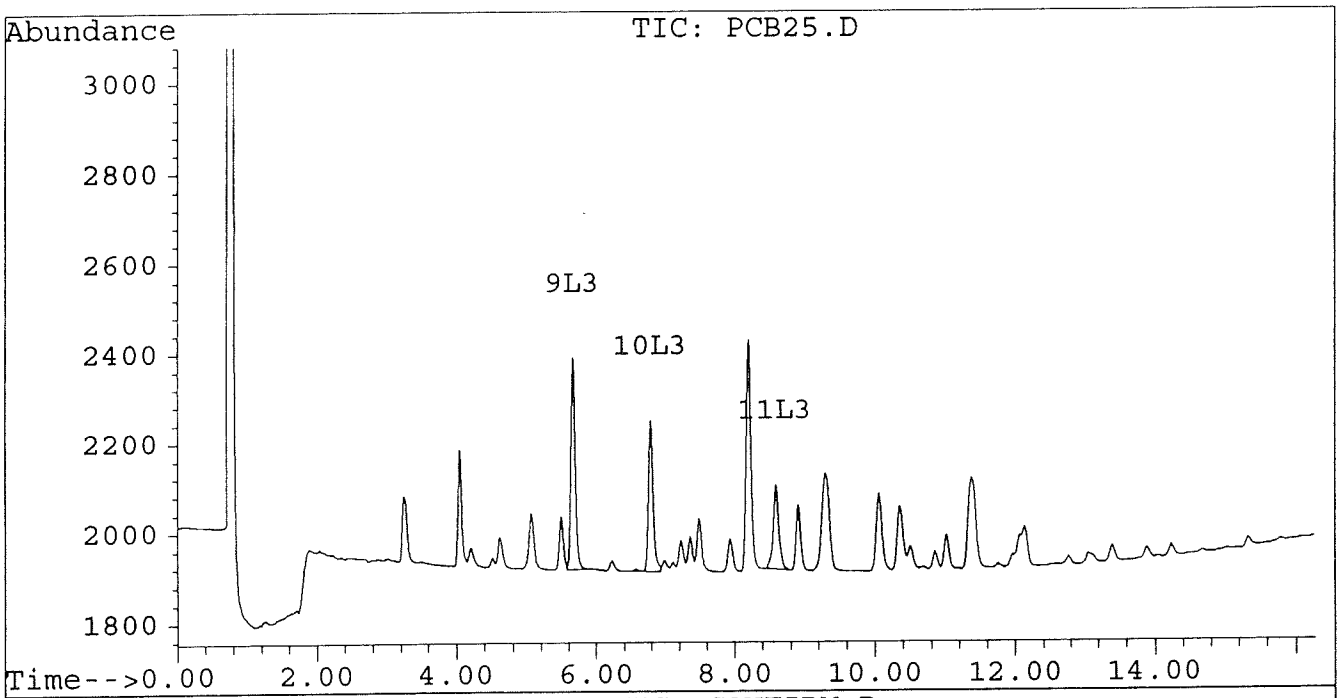
Vial: 25

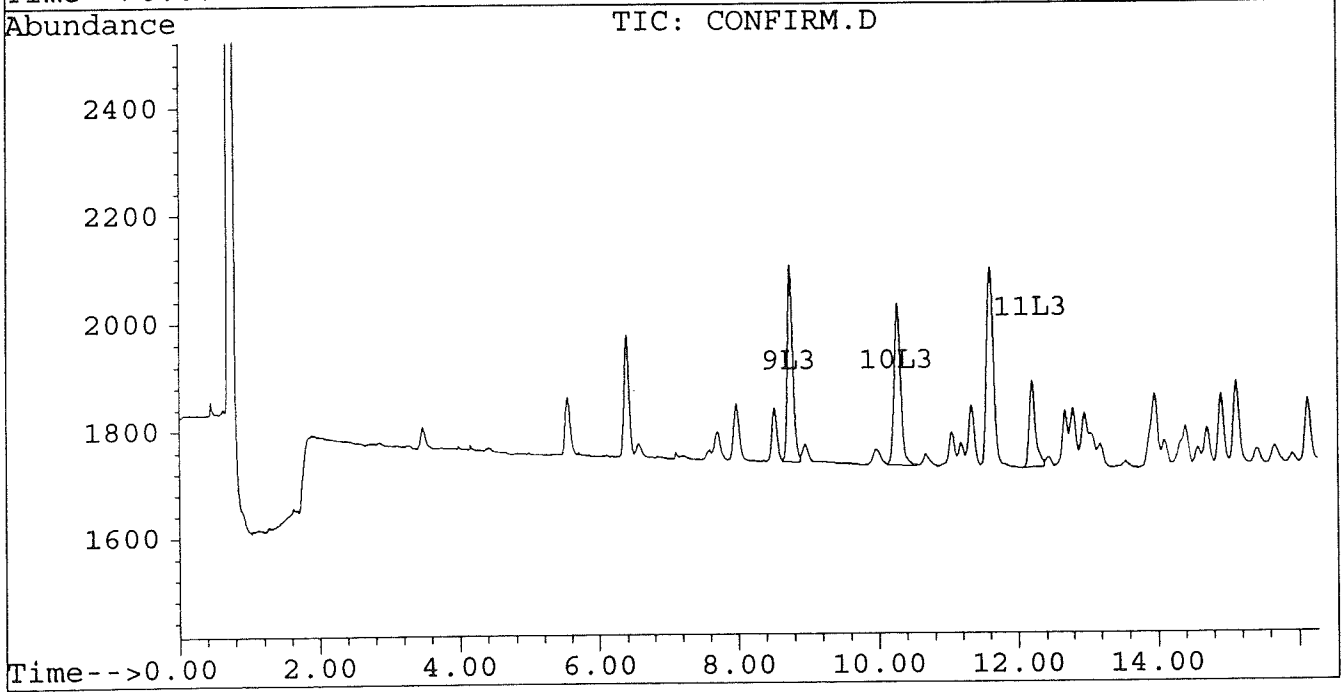
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB25.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB25.D\CONFIRM.D
Acq On : 11 May 96 08:22 AM
Sample : AR1232 0.1 UG/ML
Misc :
Quant Time: May 15 14:01 1996

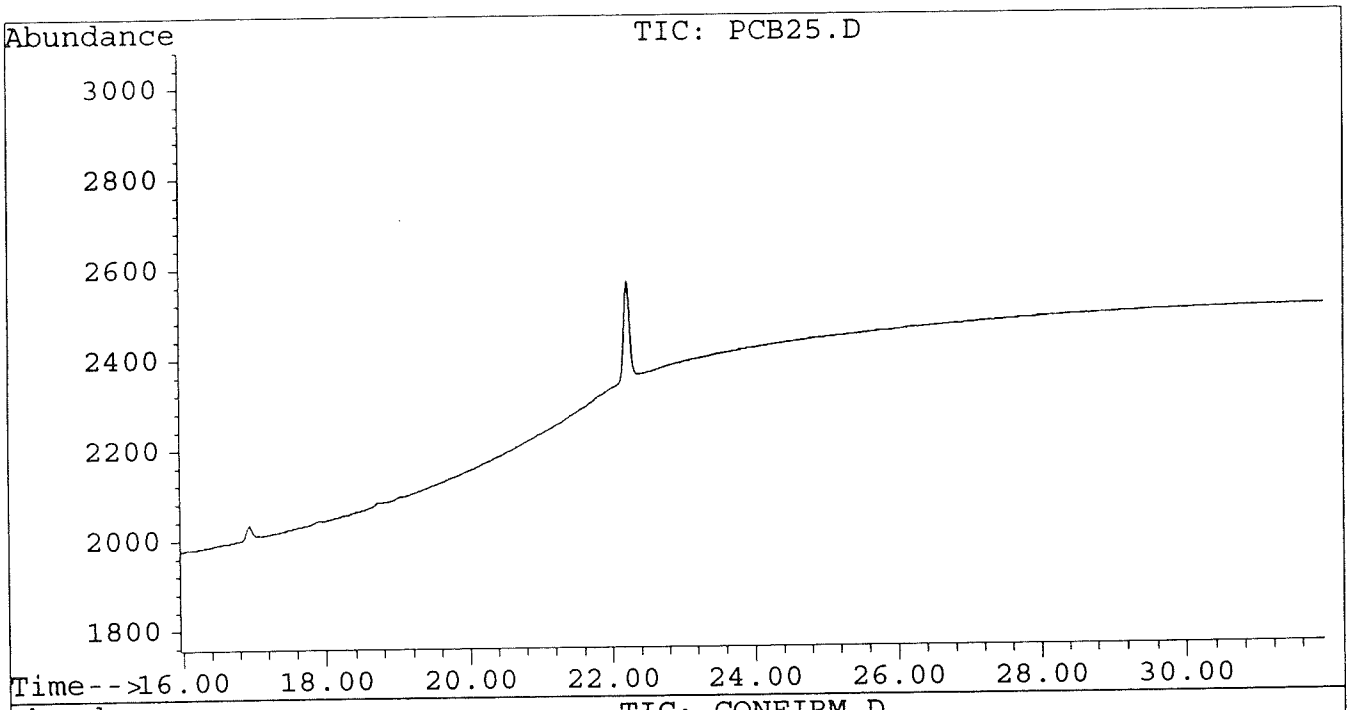
Vial: 25

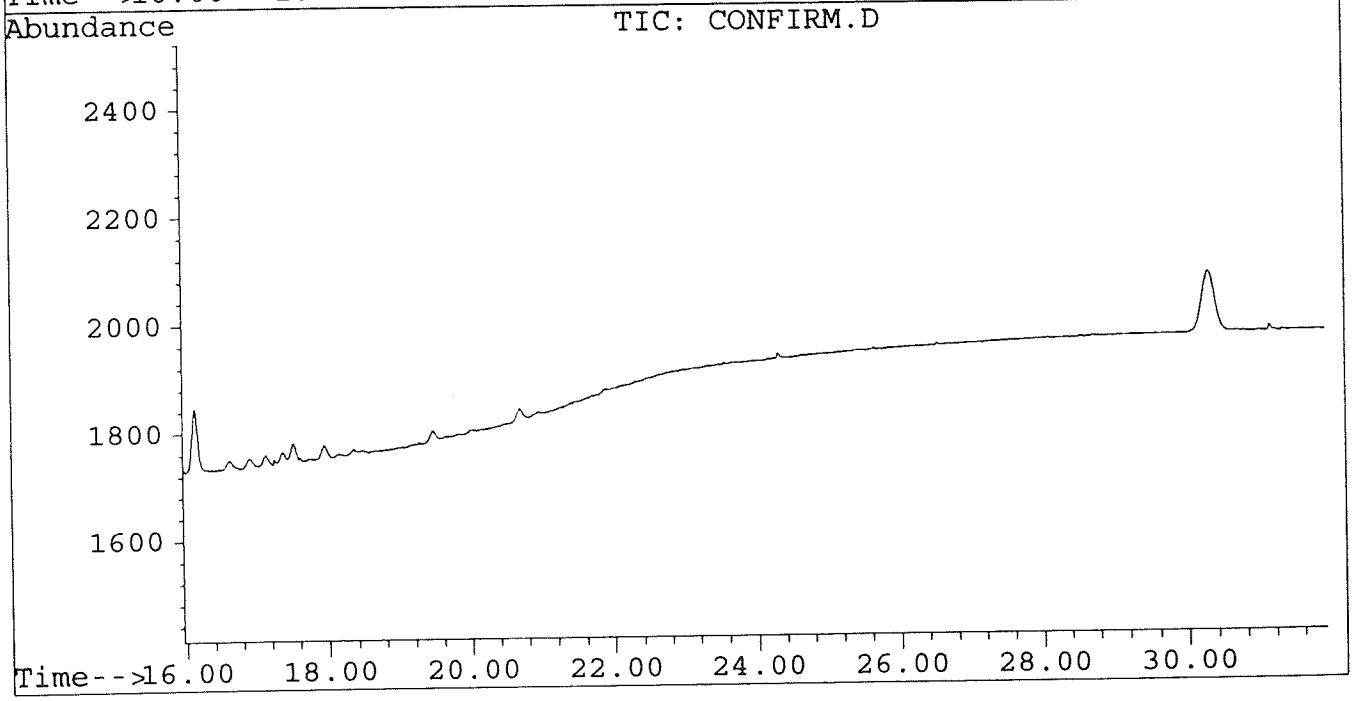
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB24.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB24.D\CONFIRM.D
Acq On : 11 May 96 07:47 AM
Sample : AR1232 0.5 UG/ML
Misc :
Quant Time: May 15 14:00 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3	Aroclor-1232	5.66	8.75	1983	1524	0.002	0.002
10) L3	Aroclor-1232 {2}	6.78	10.27	1427	1252	0.002	0.001
11) L3	Aroclor-1232 {3}	8.59	12.20	836	689	0.001	0.001
Total	Aroclor-1232			4246	3464	0.005	0.004
Average	Aroclor-1232					0.002	0.001
12) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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\PCB5LVL1\PCB24.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB24.D\CONFIRM.D
Acq On : 11 May 96 07:47 AM
Sample : AR1232 0.5 UG/ML
Misc :
Quant Time: May 15 14:00 1996

Vial: 24

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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\PCB5LVL1\PCB24.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB24.D\CONFIRM.D
Acq On : 11 May 96 07:47 AM
Sample : AR1232 0.5 UG/ML
Misc :
Quant Time: May 15 14:00 1996

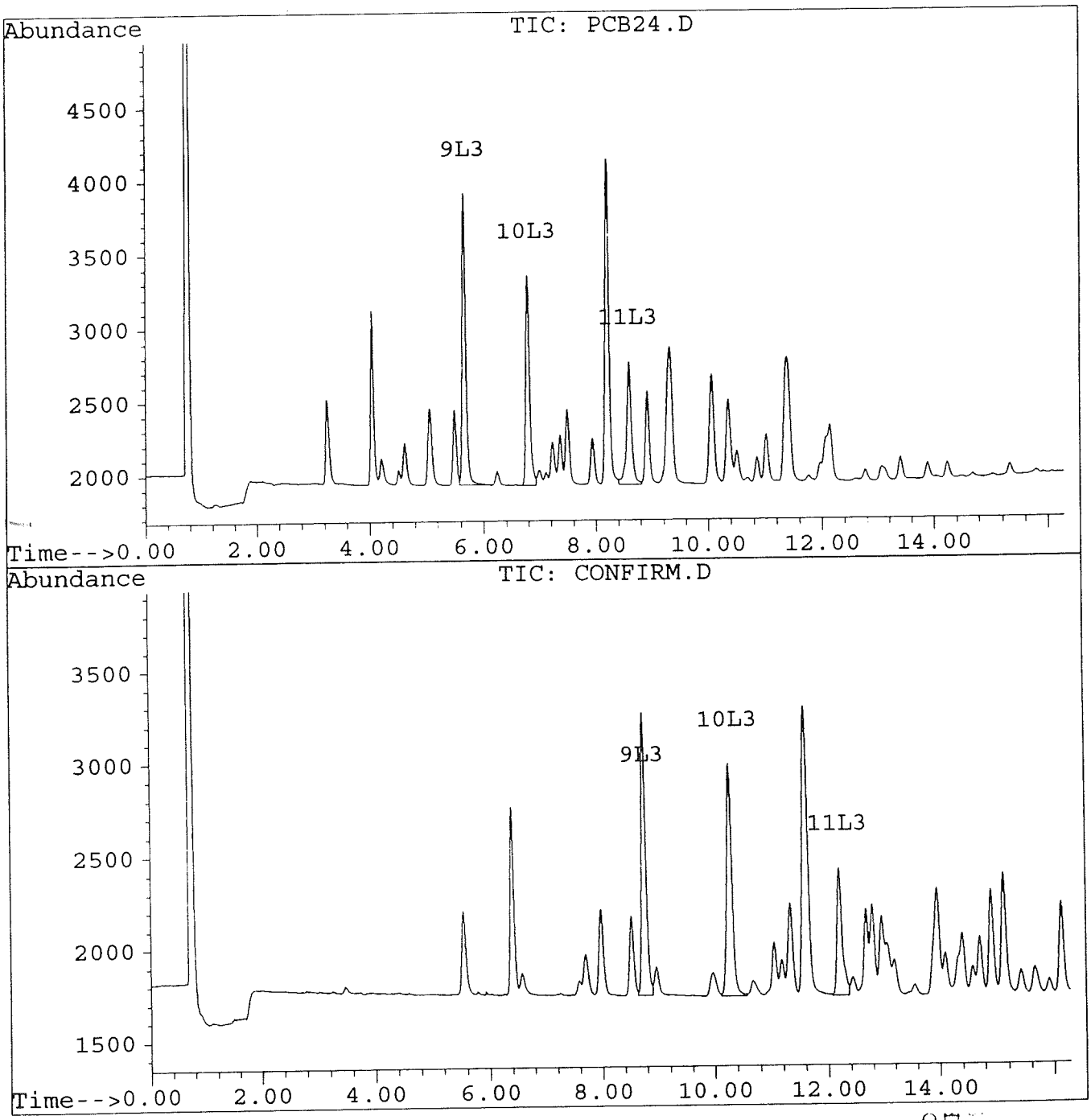
Vial: 24

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB24.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB24.D\CONFIRM.D
Acq On : 11 May 96 07:47 AM
Sample : AR1232 0.5 UG/ML
Misc :
Quant Time: May 15 14:00 1996

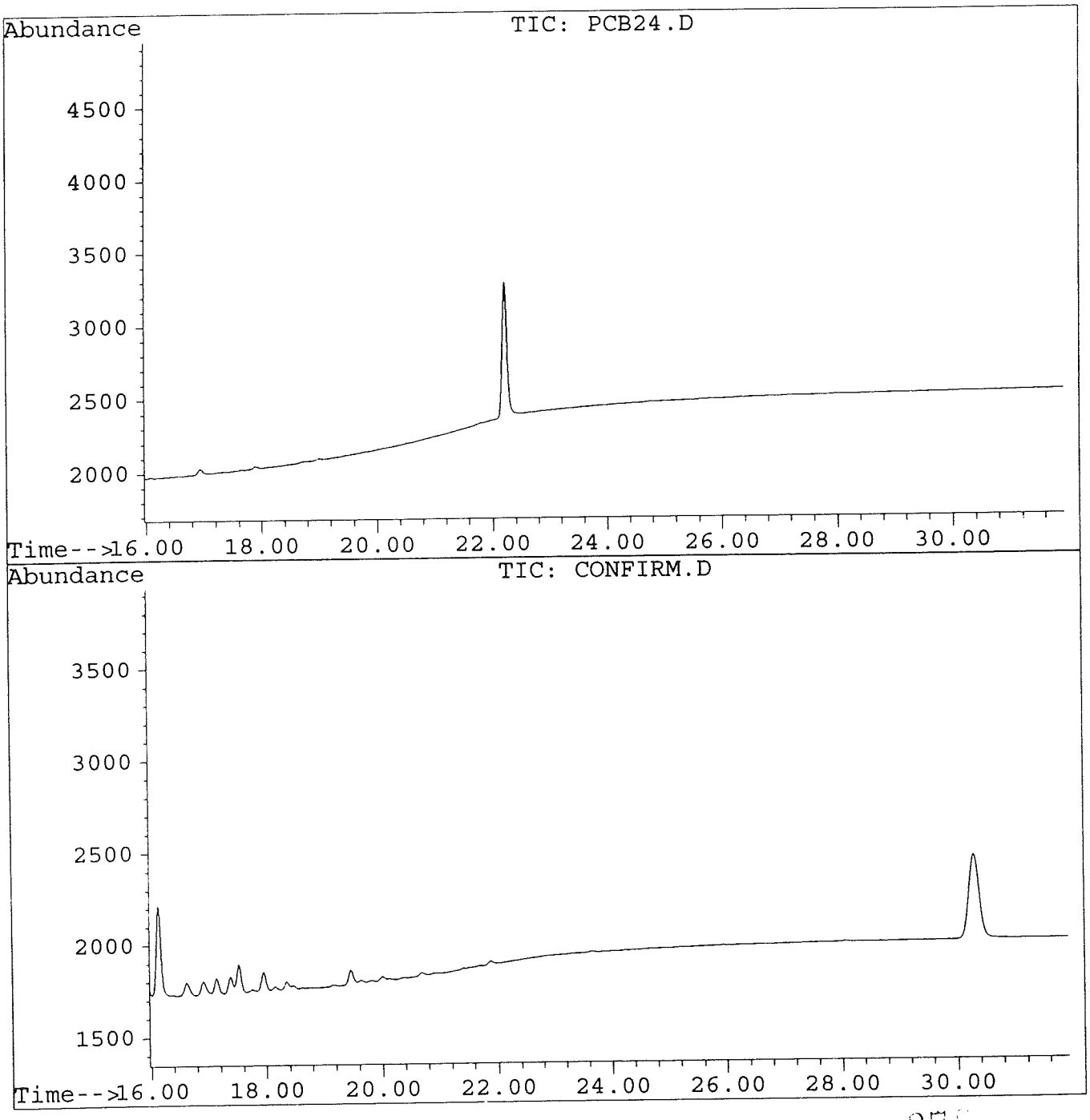
Vial: 24

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB23.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB23.D\CONFIRM.D
Acq On : 11 May 96 07:11 AM
Sample : AR1232 1.0 UG/ML
Misc :
Quant Time: May 15 13:59 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3 Aroclor-1232	5.66	8.75	4067	3058	0.004	0.004
10) L3 Aroclor-1232 {2}	6.78	10.27	2946	2512	0.004	0.003
11) L3 Aroclor-1232 {3}	8.59	12.20	1765	1451	0.001	0.001
Total Aroclor-1232			8777	7022	0.009	0.008
Average Aroclor-1232					0.003	0.003
12) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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\PCB5LVL1\PCB23.D Vial: 23
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB23.D\CONFIRM.D
Acq On : 11 May 96 07:11 AM Operator: JS
Sample : AR1232 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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.

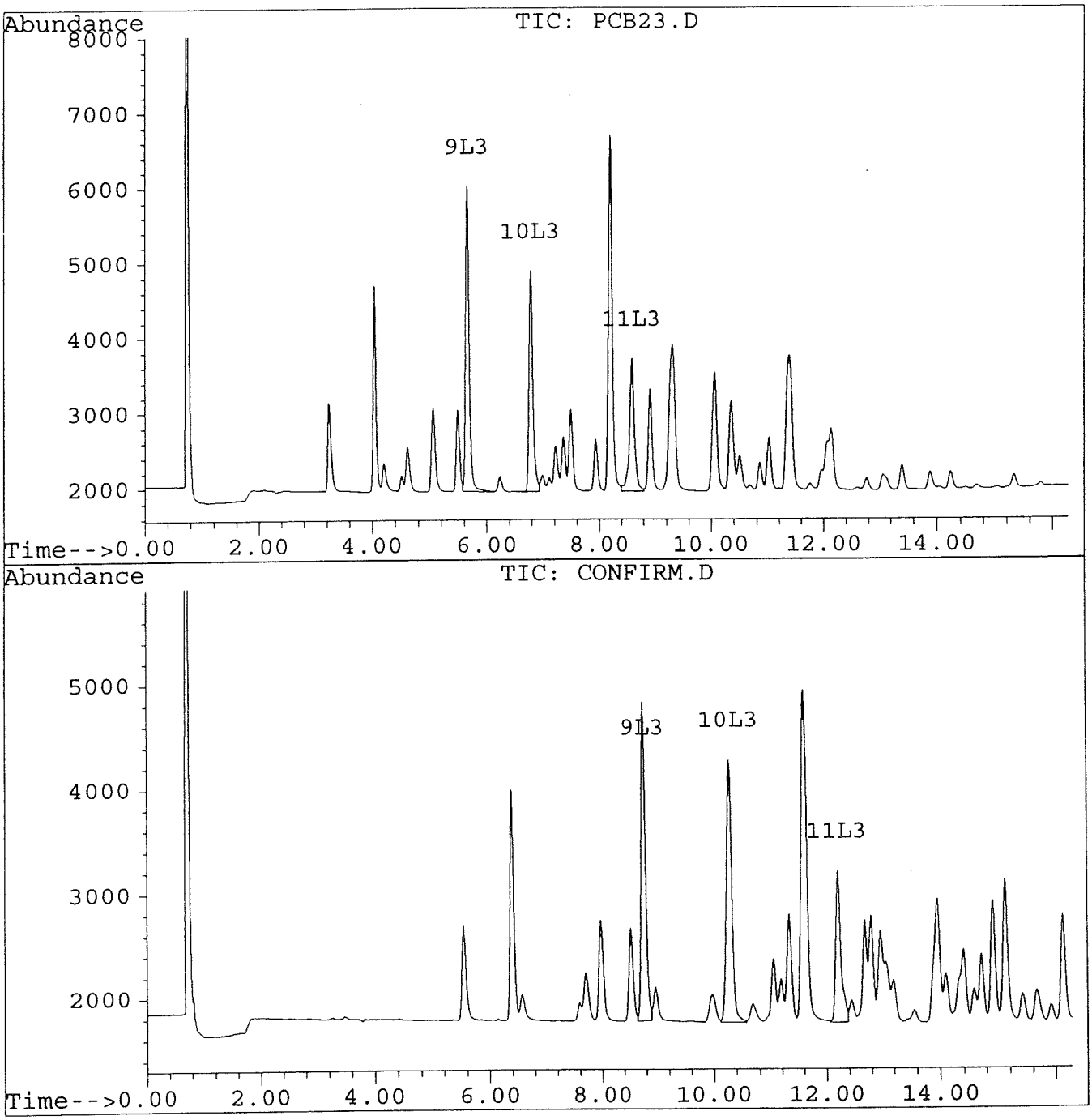
Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB23.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB23.D\CONFIRM.D
Acq On : 11 May 96 07:11 AM
Sample : AR1232 1.0 UG/ML
Misc :
Quant Time: May 15 13:59 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

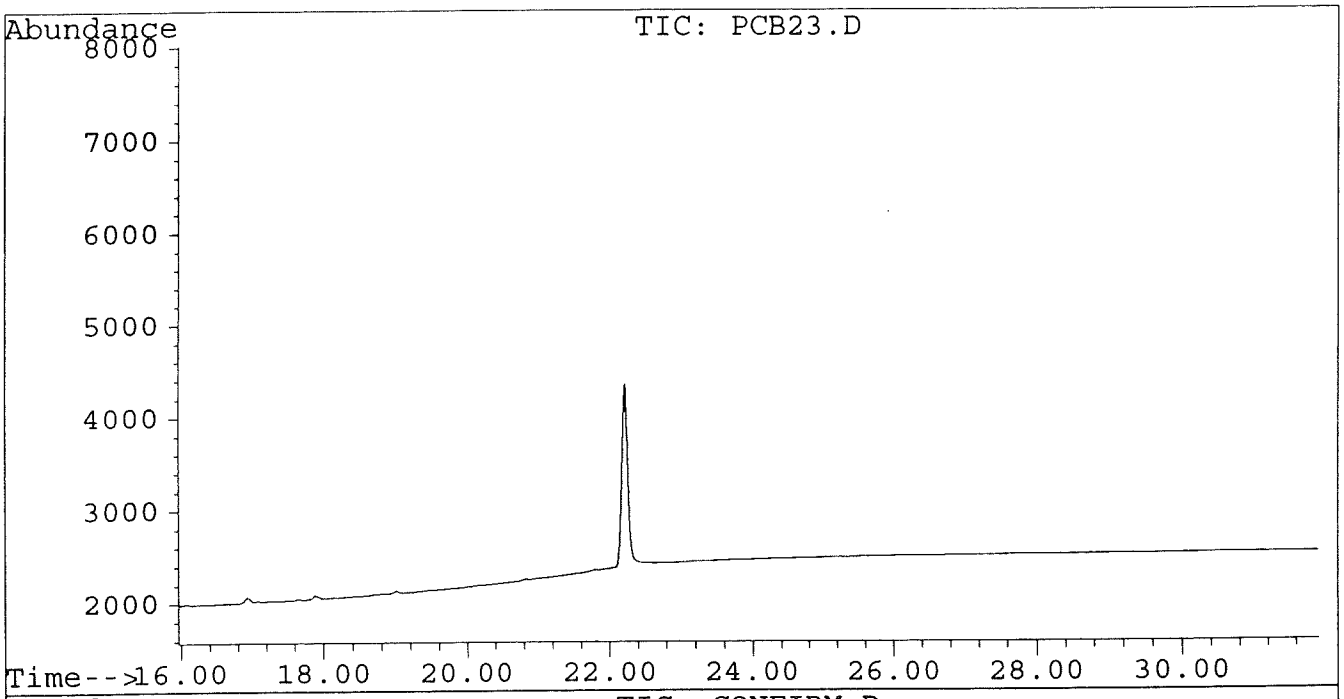


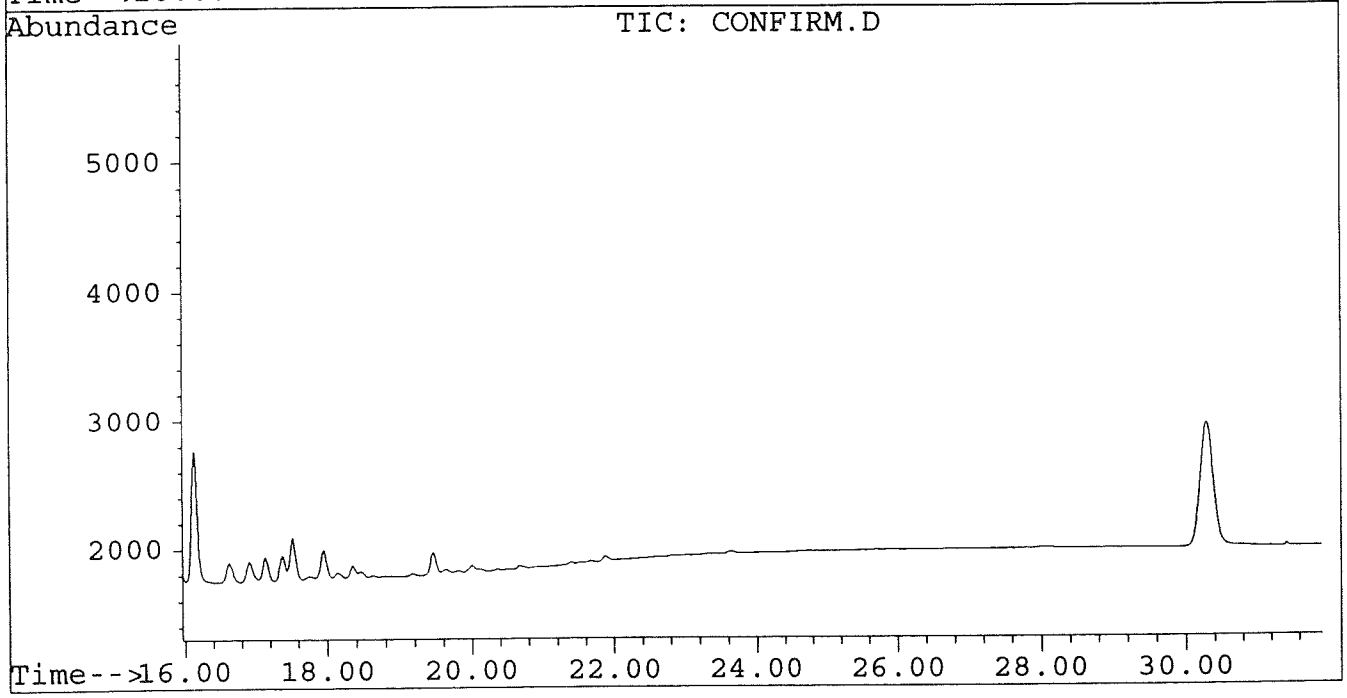
Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB23.D Vial: 23
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB23.D\CONFIRM.D
Acq On : 11 May 96 07:11 AM Operator: JS
Sample : AR1232 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\PCB5LVL1\PCB22.D Vial: 22
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB22.D\CONFIRM.D
Acq On : 11 May 96 06:35 AM Operator: JS
Sample : AR1232 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3	Aroclor-1232	5.66	8.74	9461	6994	0.010	0.008
10) L3	Aroclor-1232 {2}	6.78	10.27	6919	5777	0.009	0.007
11) L3	Aroclor-1232 {3}	8.59	12.20	4325	3452	0.003	0.003
Total	Aroclor-1232			20705	16223	0.022	0.018
Average	Aroclor-1232					0.007	0.006
12) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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\PCB5LVL1\PCB22.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB22.D\CONFIRM.D
Acq On : 11 May 96 06:35 AM
Sample : AR1232 2.5 UG/ML
Misc :
Quant Time: May 15 13:56 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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\PCB5LVL1\PCB22.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB22.D\CONFIRM.D
Acq On : 11 May 96 06:35 AM
Sample : AR1232 2.5 UG/ML
Misc :
Quant Time: May 15 13:56 1996

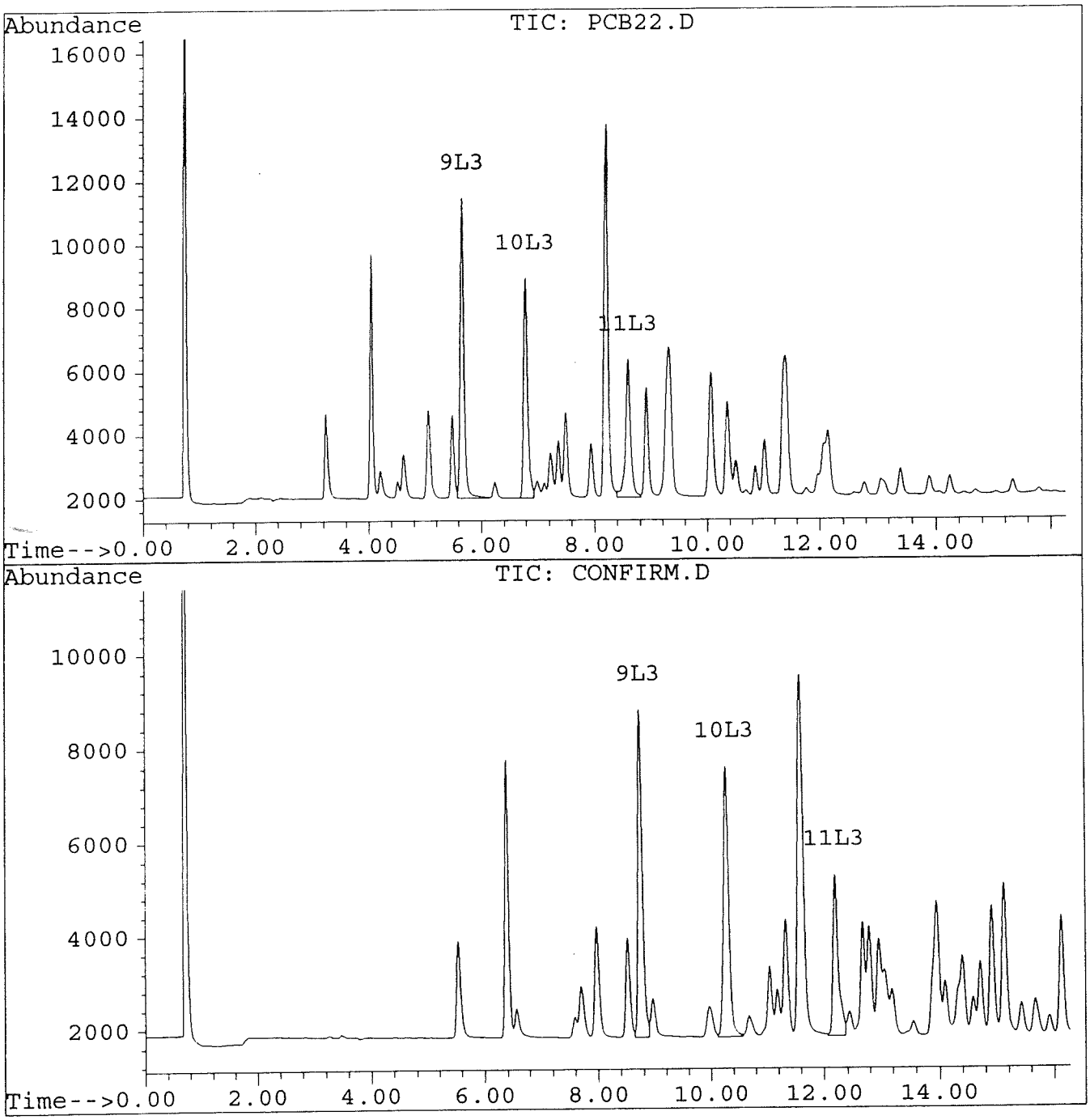
Vial: 22

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB22.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB22.D\CONFIRM.D
Acq On : 11 May 96 06:35 AM
Sample : AR1232 2.5 UG/ML
Misc :
Quant Time: May 15 13:56 1996

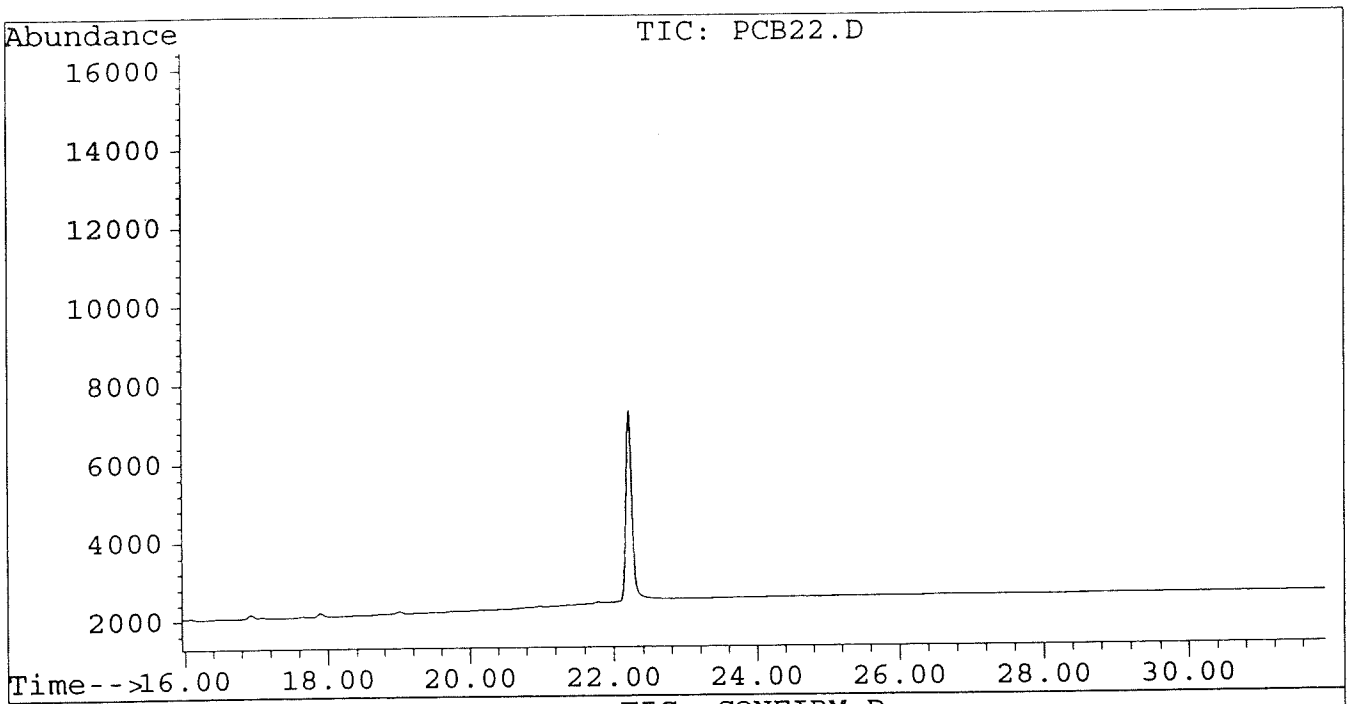
Vial: 22

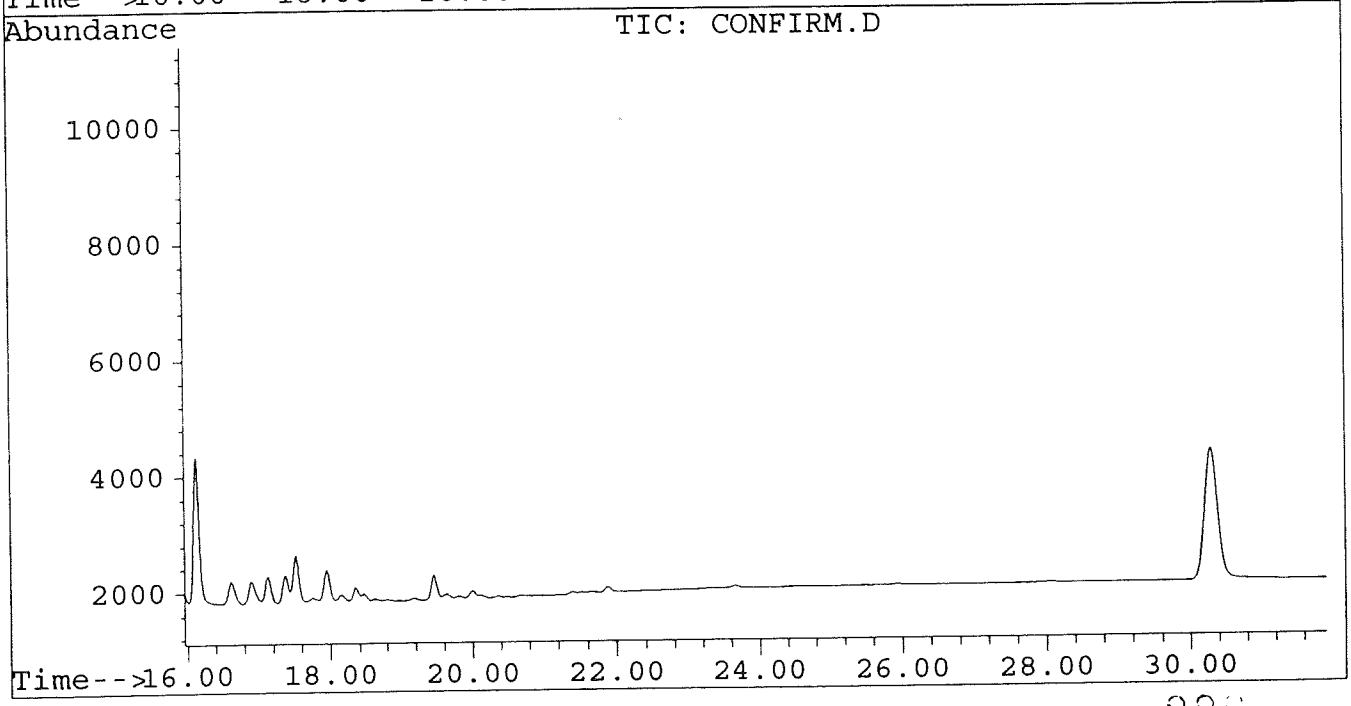
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB21.D Vial: 21
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB21.D\CONFIRM.D
Acq On : 11 May 96 06:00 AM Cperator: JS
Sample : AR1232 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2 Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
7) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.d	N.D.d
8) 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
9) L3 Aroclor-1232	5.66	8.74	17112	12525	0.017	0.015
10) L3 Aroclor-1232 {2}	6.78	10.27	12788	10468	0.017	0.012 #
11) L3 Aroclor-1232 {3}	8.59	12.20	8352	6513	0.007	0.006
Total Aroclor-1232			38252	29506	0.041	0.033
Average Aroclor-1232					0.014	0.011
12) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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\PCB5LVL1\PCB21.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB21.D\CONFIRM.D
Acq On : 11 May 96 06:00 AM
Sample : AR1232 5.0 UG/ML
Misc :
Quant Time: May 15 13:55 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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

288

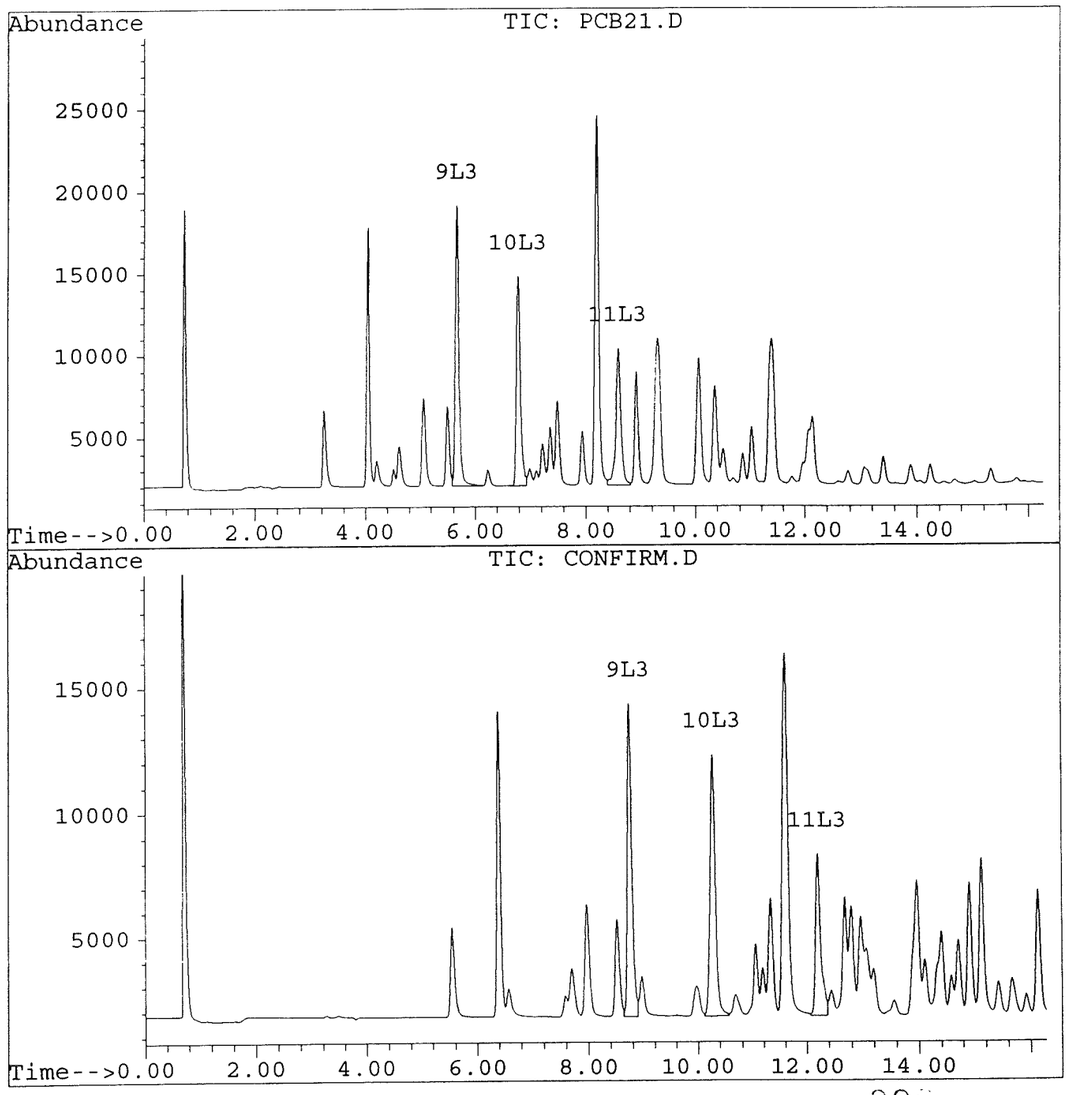
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB21.D Vial: 21
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB21.D\CONFIRM.D
Acq On : 11 May 96 06:00 AM Operator: JS
Sample : AR1232 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

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

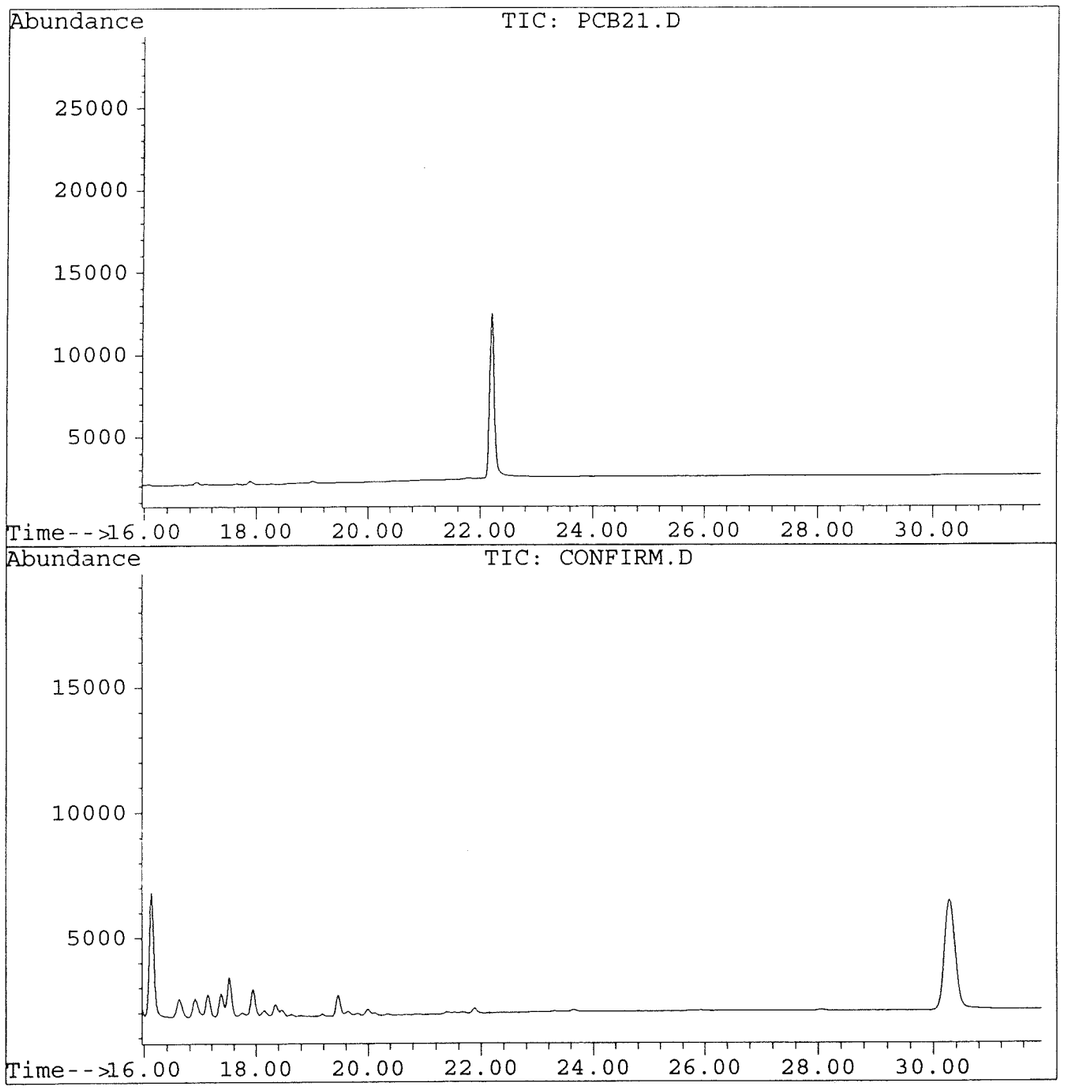


Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB21.D Vial: 21
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB21.D\CONFIRM.D
Acq On : 11 May 96 06:00 AM Operator: JS
Sample : AR1232 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 08:37:34 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\PCB5LVL1\PCB30.D Vial: 30
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB30.D\CONFIRM.D
Acq On : 11 May 96 11:19 AM Operator: JS
Sample : AR1221 0.2 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2	Aroclor-1221	5.06	7.97	342	304	0.001	0.001
7) L2	Aroclor-1221 {2}	5.49	8.52	294	249	0.001	0.001 #
8) L2	Aroclor-1221 {3}	5.66	8.75	1061	805	0.001	0.001
Total	Aroclor-1221			1698	1358	0.003	0.002
Average	Aroclor-1221					0.001	0.001
9) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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\PCB5LVL1\PCB30.D Vial: 30
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB30.D\CONFIRM.D
Acq On : 11 May 96 11:19 AM Operator: JS
Sample : AR1221 0.2 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
18) L6	Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7	Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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

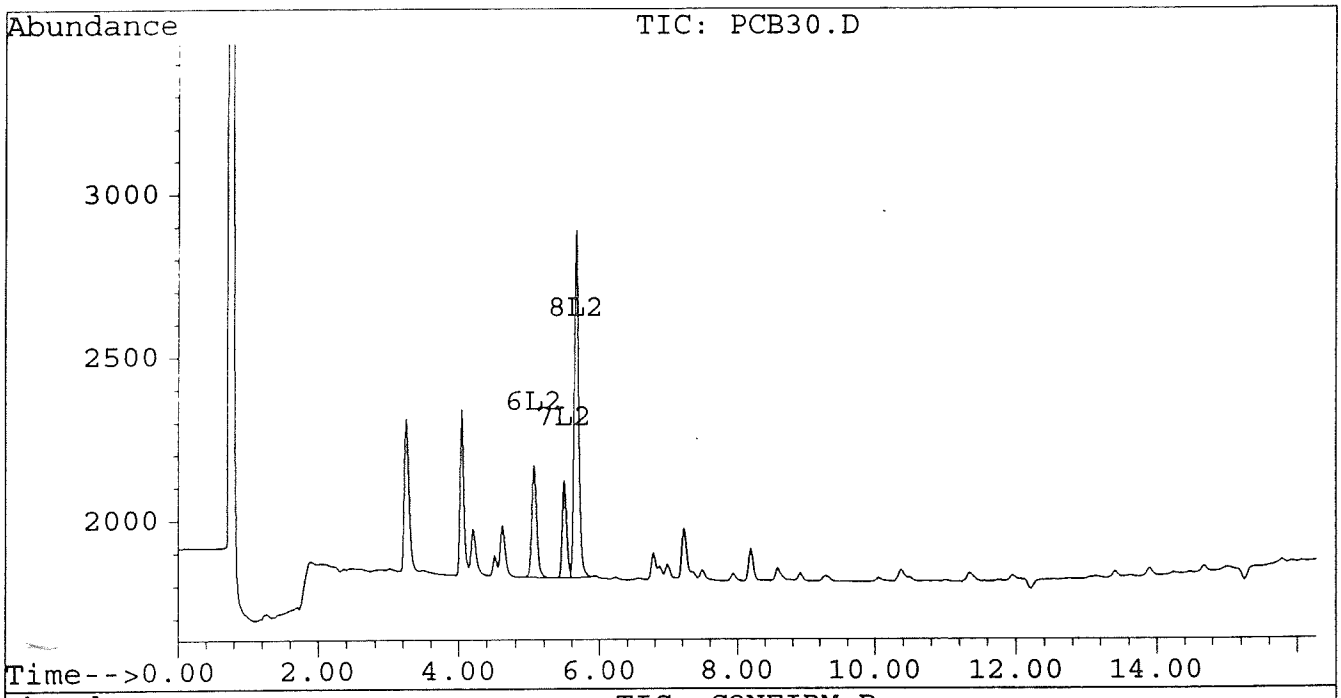
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

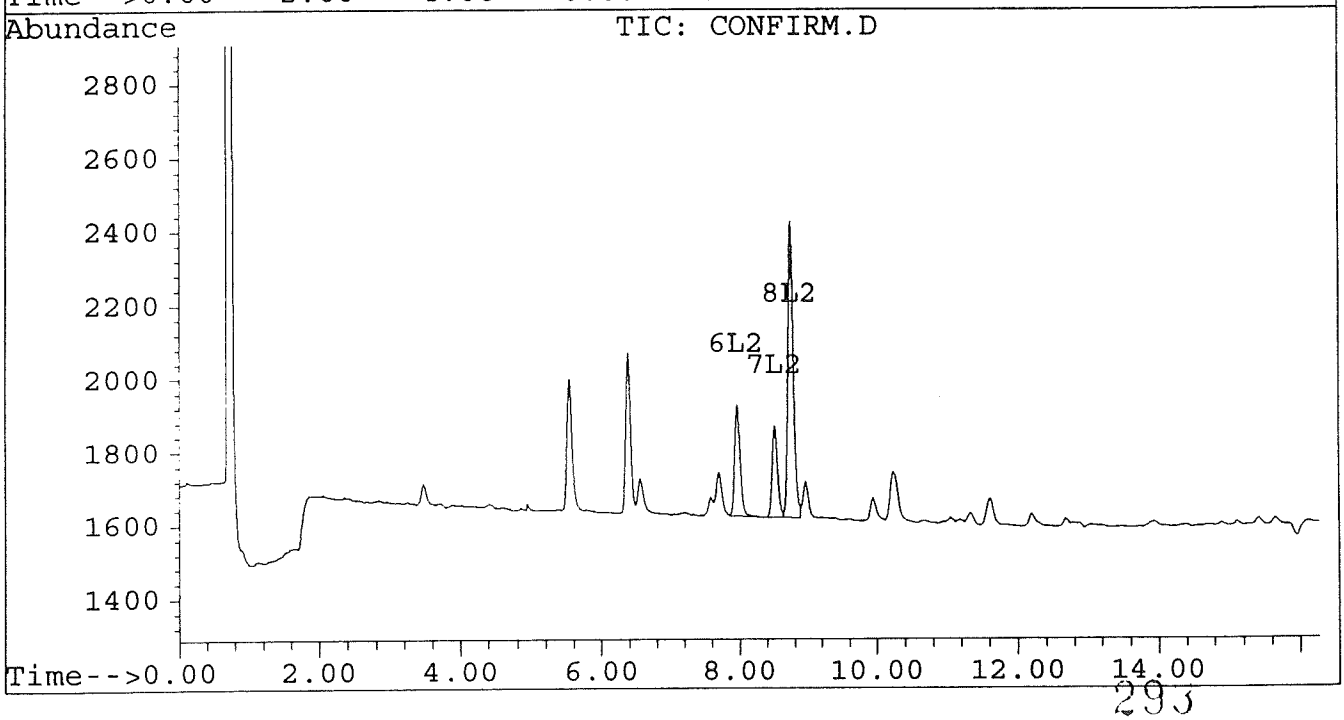
Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB30.D Vial: 30
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB30.D\CONFIRM.D
Acq On : 11 May 96 11:19 AM Operator: JS
Sample : AR1221 0.2 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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



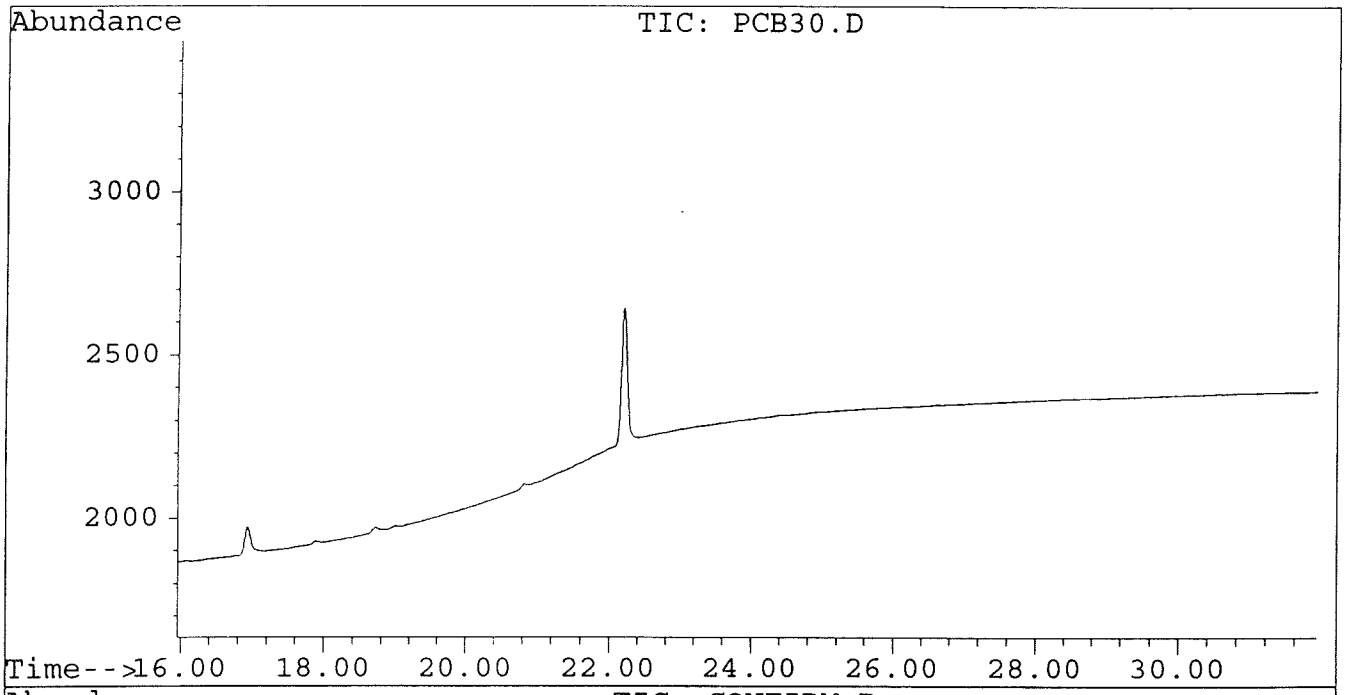


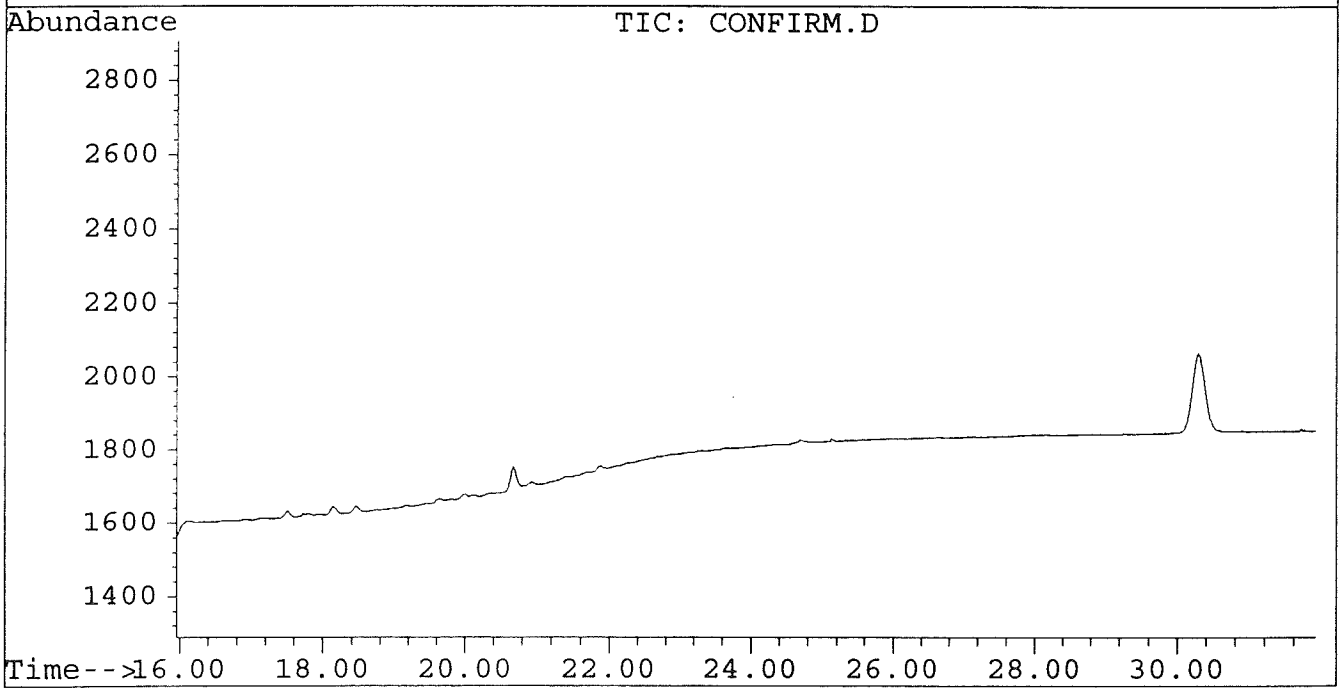
Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB30.D Vial: 30
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB30.D\CONFIRM.D
Acq On : 11 May 96 11:19 AM Operator: JS
Sample : AR1221 0.2 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\PCB5LVL1\PCB29.D Vial: 29
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB29.D\CONFIRM.D
Acq On : 11 May 96 10:43 AM Operator: JS
Sample : AR1221 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2 Aroclor-1221	5.06	7.97	675	605	0.002	0.002
7) L2 Aroclor-1221 {2}	5.49	8.52	586	499	0.002	0.001 #
8) L2 Aroclor-1221 {3}	5.66	8.75	2067	1575	0.002	0.002
Total Aroclor-1221			3327	2679	0.006	0.005
Average Aroclor-1221					0.002	0.002
9) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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\PCB5LVL1\PCB29.D Vial: 29
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB29.D\CONFIRM.D
Acq On : 11 May 96 10:43 AM Operator: JS
Sample : AR1221 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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.

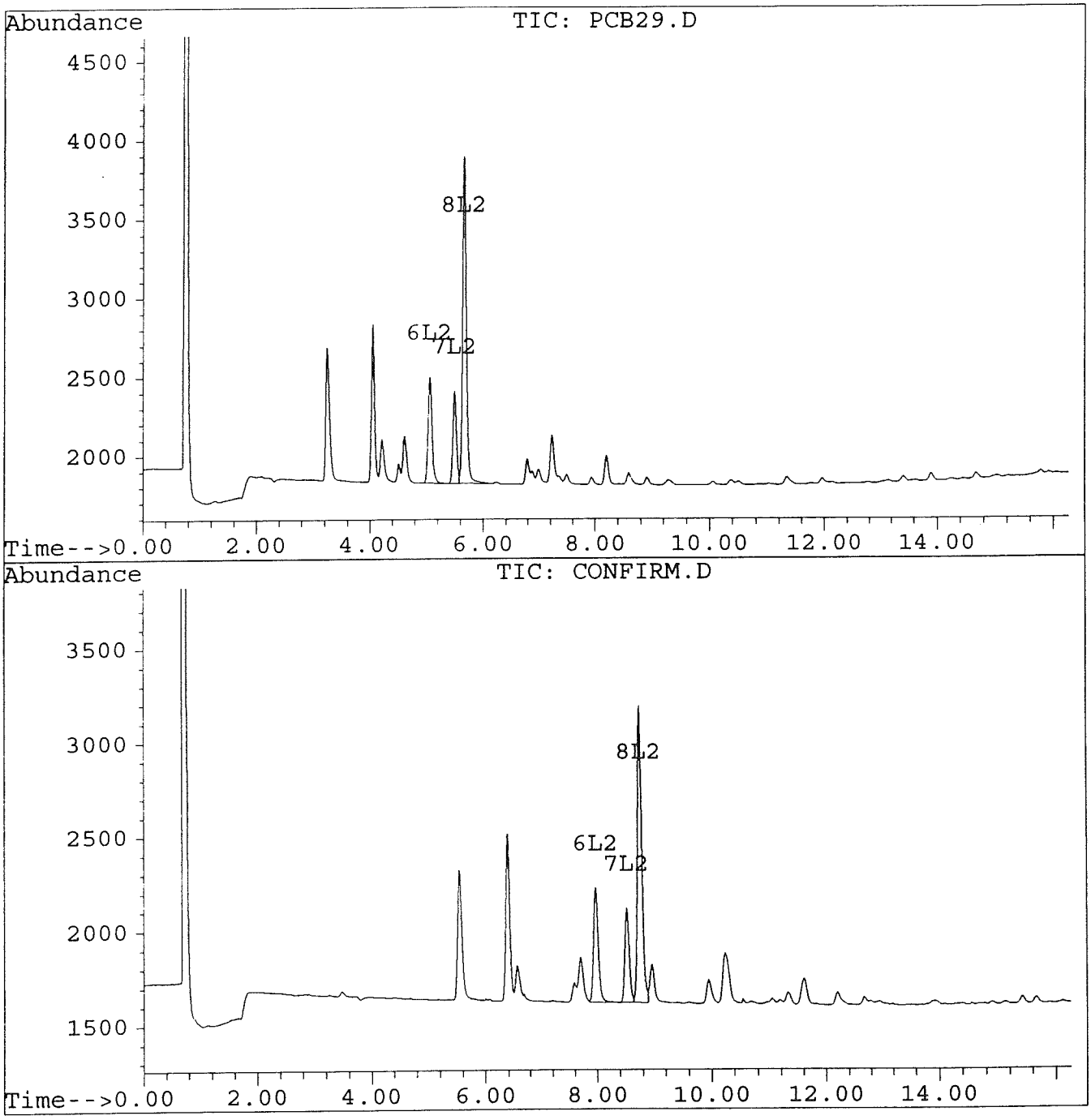
Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB29.D
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB29.D\CONFIRM.D
Acq On : 11 May 96 10:43 AM
Sample : AR1221 0.5 UG/ML
Misc :
Quant Time: May 15 13:49 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB28.D Vial: 28
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB28.D\CONFIRM.D
Acq On : 11 May 96 10:08 AM Operator: JS
Sample : AR1221 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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

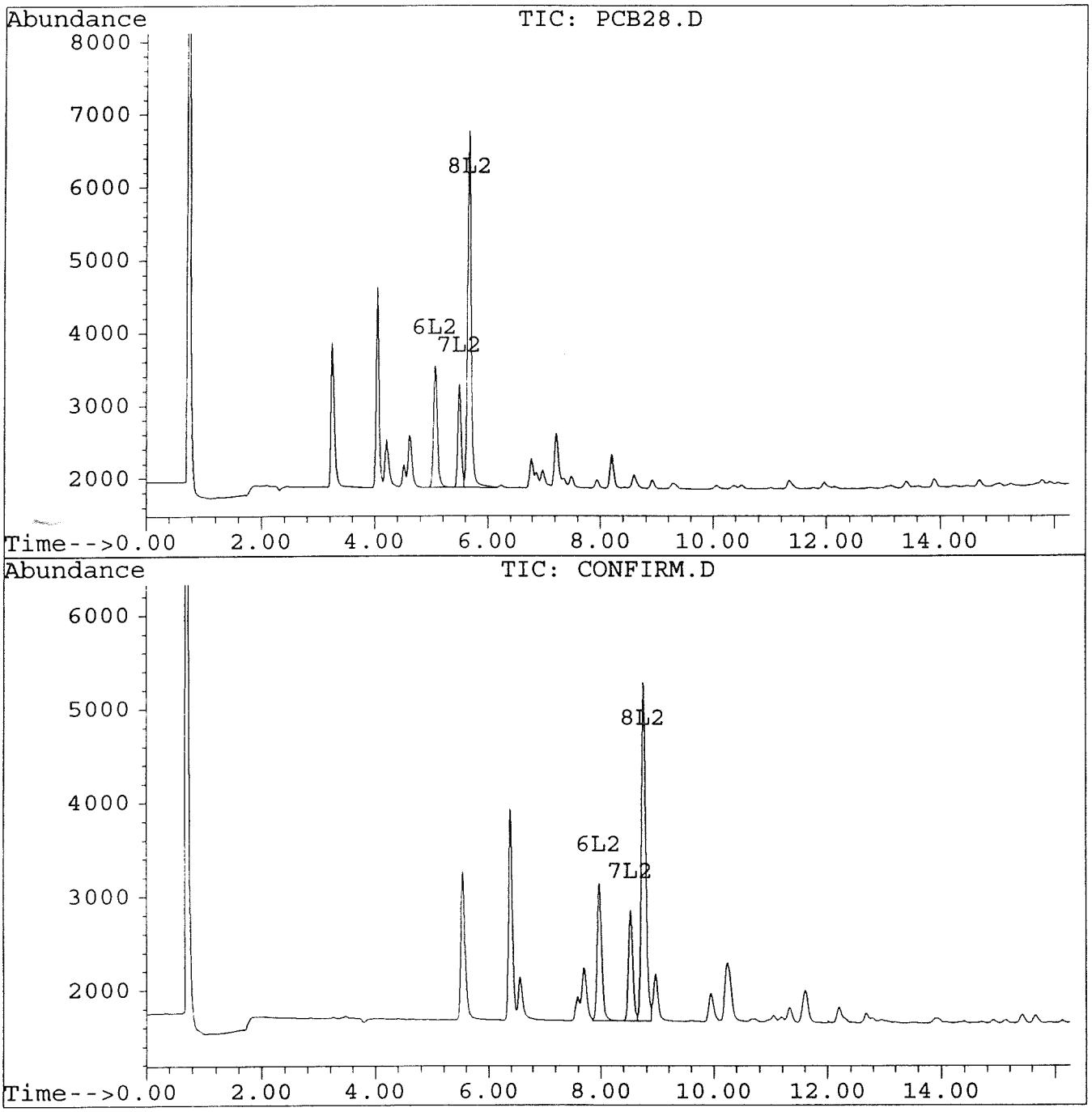
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB28.D Vial: 28
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB28.D\CONFIRM.D
Acq On : 11 May 96 10:08 AM Operator: JS
Sample : AR1221 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

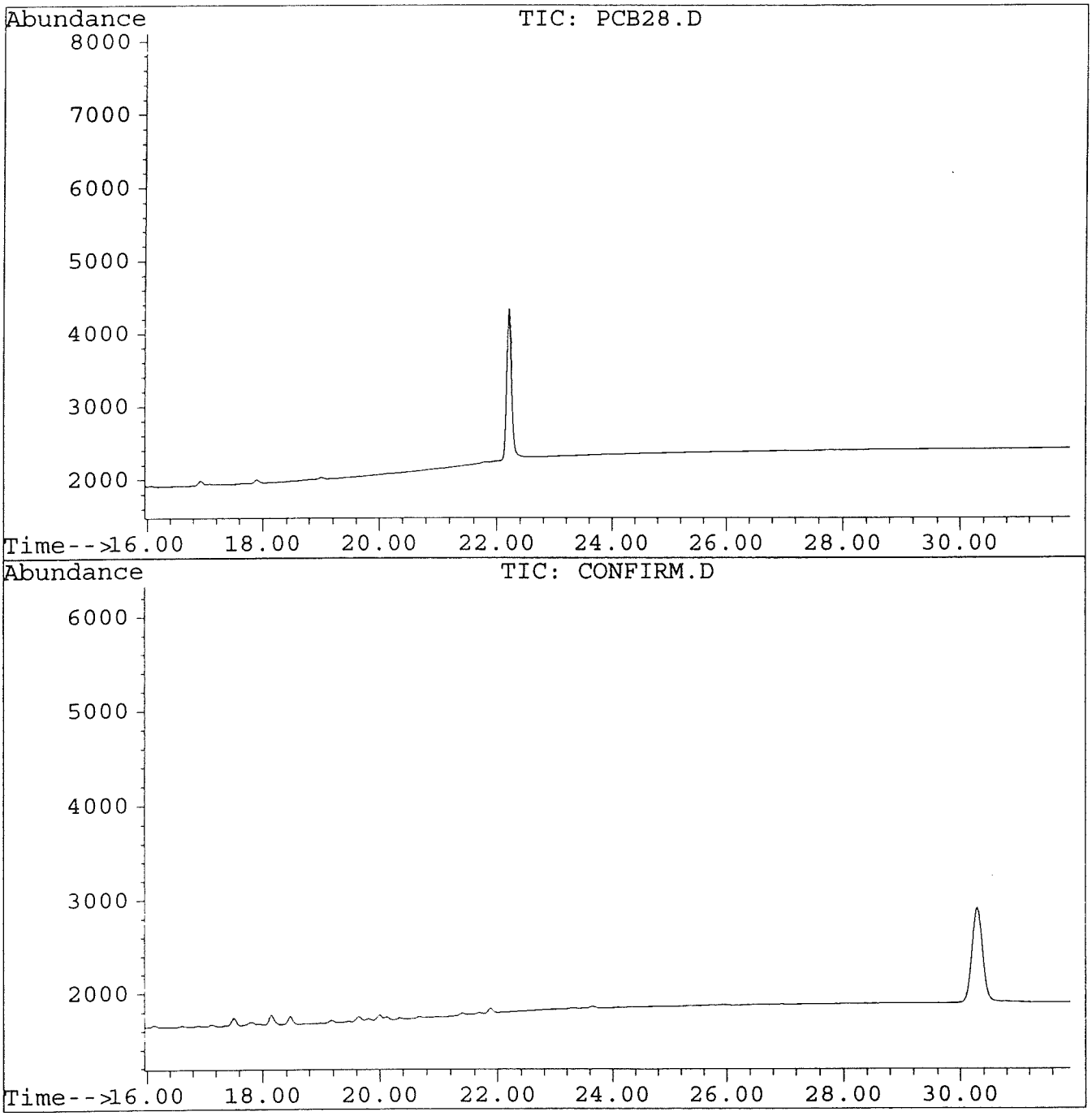


Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB28.D Vial: 28
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB28.D\CONFIRM.D
Acq On : 11 May 96 10:08 AM Operator: JS
Sample : AR1221 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\PCB5LVL1\PCB27.D Vial: 27
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB27.D\CONFIRM.D
Acq On : 11 May 96 09:32 AM Operator: JS
Sample : AR1221 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
2) S Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
			Recovery	=	0.00%	0.00%
Target Compounds						
3) L1 Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2 Aroclor-1221	5.06	7.97	4208	3584	0.011	0.009
7) L2 Aroclor-1221 {2}	5.49	8.52	3465	2820	0.012	0.008 #
8) L2 Aroclor-1221 {3}	5.66	8.74	11444	8276	0.010	0.009
Total Aroclor-1221			19116	14679	0.033	0.026
Average Aroclor-1221					0.011	0.009
9) L3 Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4 Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5 Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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\PCB5LVL1\PCB27.D Vial: 27
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB27.D\CONFIRM.D
Acq On : 11 May 96 09:32 AM Operator: JS
Sample : AR1221 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

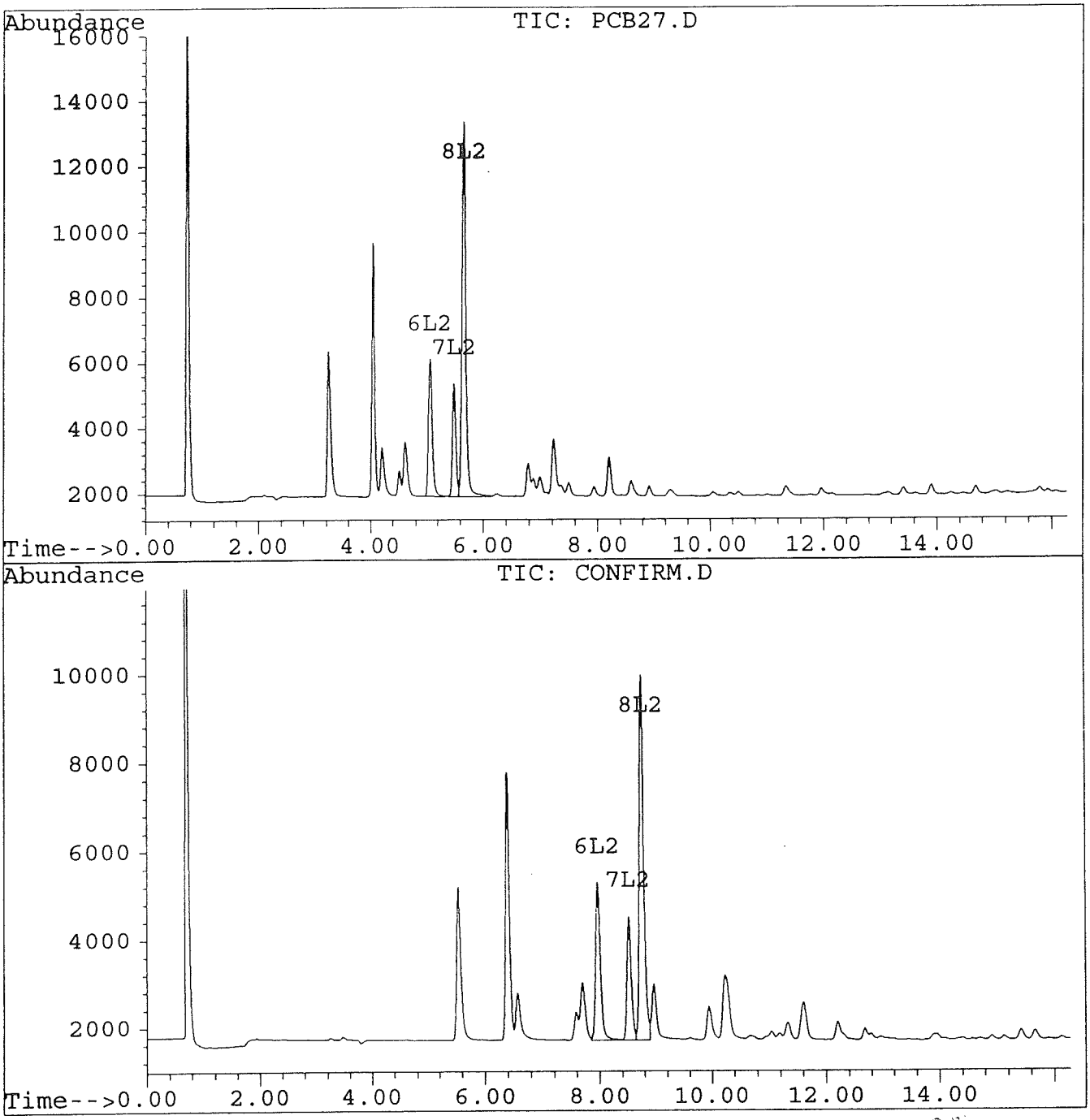
Compound	RT#1	RT#2	Resp#1	Resp#2	ng/mL	ng/mL
18) L6 Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.d	N.D.d
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
21) L7 Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8 Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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\PCB5LVL1\PCB27.D Vial: 27
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB27.D\CONFIRM.D
Acq On : 11 May 96 09:32 AM Operator: JS
Sample : AR1221 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

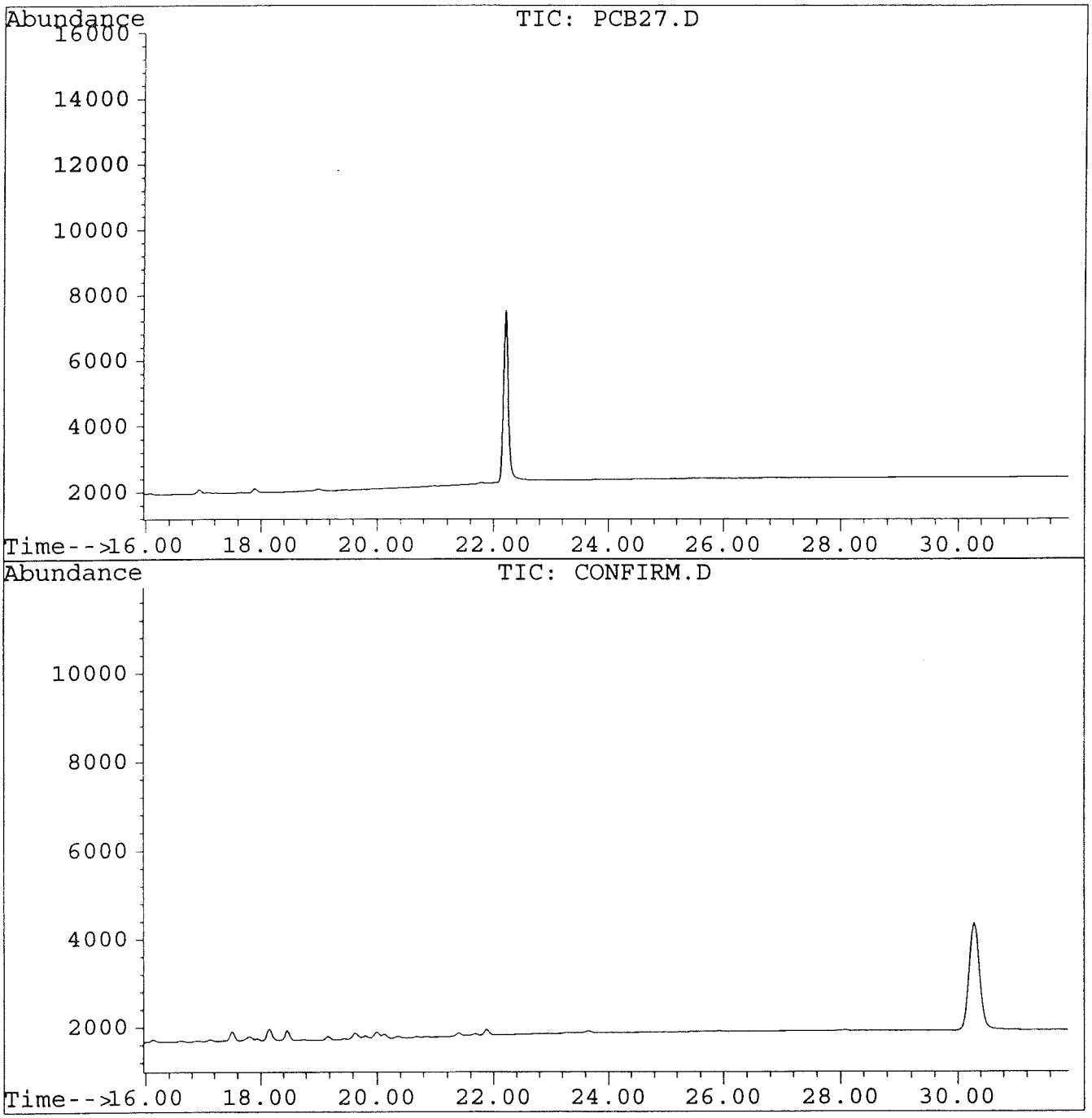


Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB27.D Vial: 27
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB27.D\CONFIRM.D
Acq On : 11 May 96 09:32 AM Operator: JS
Sample : AR1221 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\PCB5LVL1\PCB26.D Vial: 26
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB26.D\CONFIRM.D
Acq On : 11 May 96 08:57 AM Operator: JS
Sample : AR1221 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:46 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.d	N.D.d
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
4) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
5) 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
6) L2	Aroclor-1221	5.06	7.97	8084	6692	0.020	0.017
7) L2	Aroclor-1221 {2}	5.49	8.52	6414	5146	0.022	0.014 #
8) L2	Aroclor-1221 {3}	5.66	8.74	20634	14751	0.019	0.017
Total	Aroclor-1221			35132	26589	0.061	0.048
Average	Aroclor-1221					0.020	0.016
9) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
10) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
11) 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
12) L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
13) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.d	N.D.d
14) 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
15) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
16) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.d	N.D.d
17) 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.

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB26.D Vial: 26
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB26.D\CONFIRM.D
Acq On : 11 May 96 08:57 AM Operator: JS
Sample : AR1221 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:46 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	ng/mL	ng/mL
18) L6	Aroclor-1254	0.00	0.00	0	0	N.D.d	N.D.d
19) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.d	N.D.d
20) 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
21) L7	Aroclor-1260	0.00	0.00	0	0	N.D.d	N.D.d
22) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.d	N.D.d
23) 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
24) L8	Aroclor-1268	0.00	0.00	0	0	N.D.d	N.D.d
25) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.d	N.D.d
26) 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

303

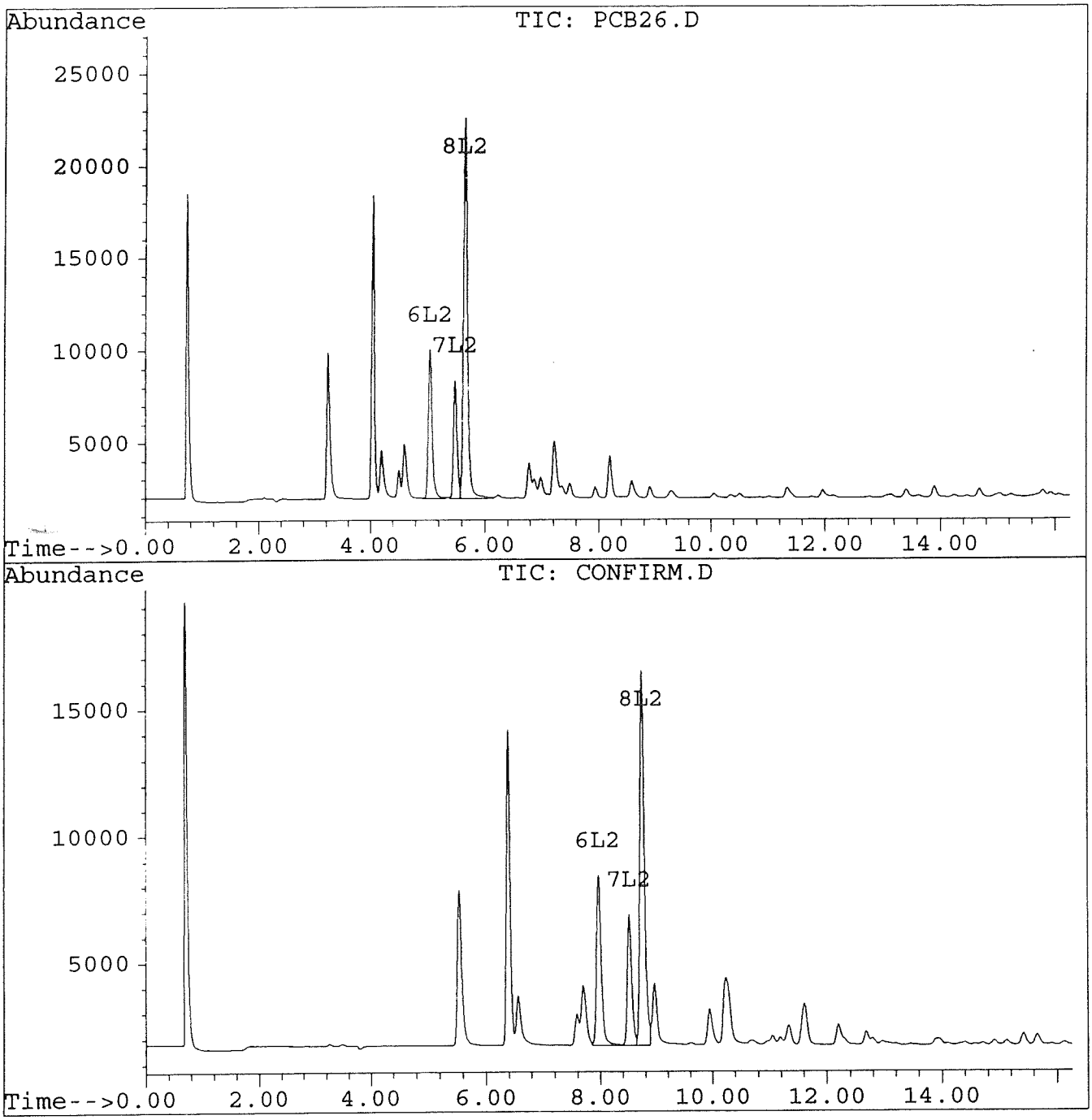
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB26.D Vial: 26
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB26.D\CONFIRM.D
Acq On : 11 May 96 08:57 AM Operator: JS
Sample : AR1221 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:46 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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

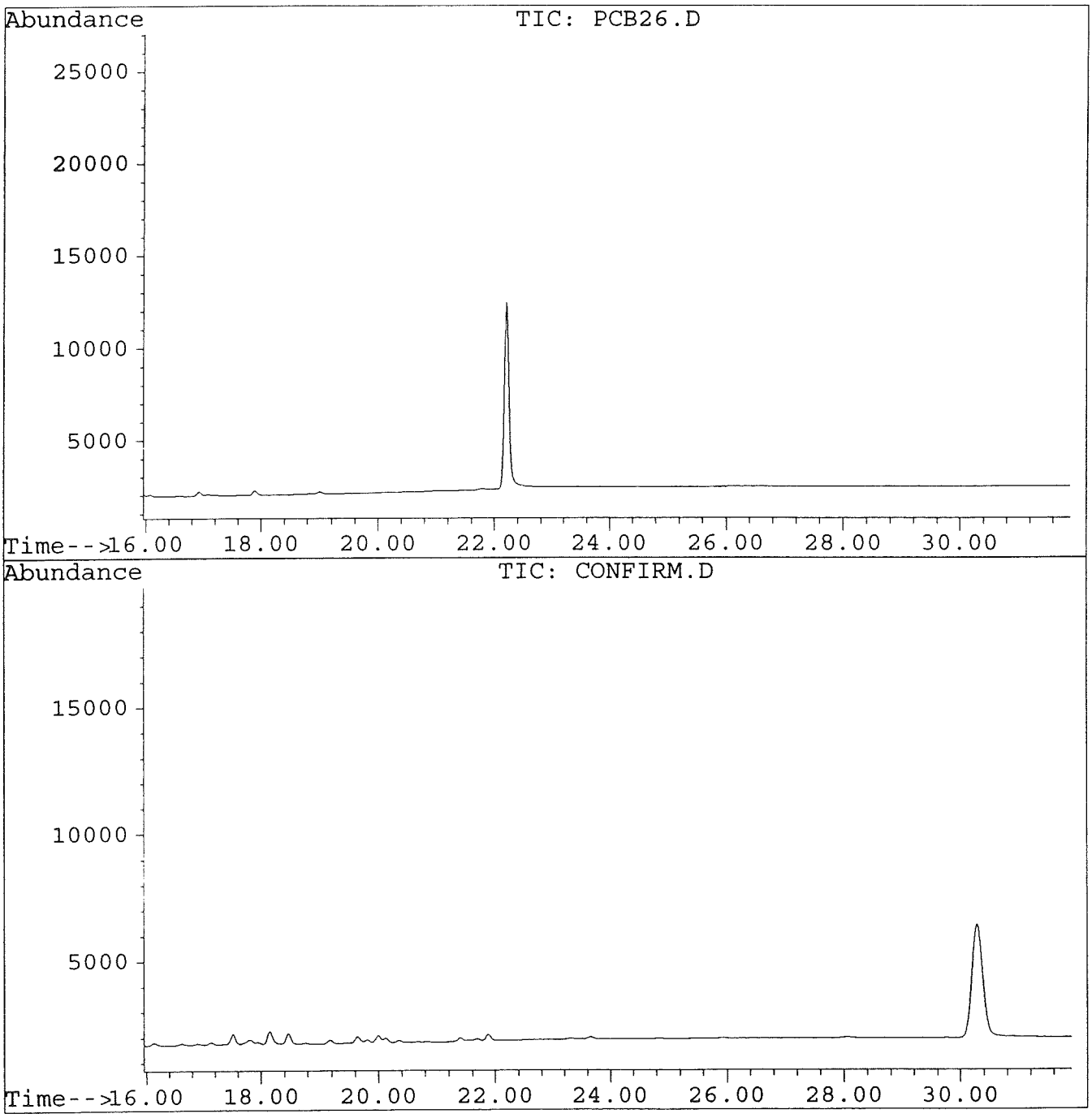


Quantitation Report

Signal #1 : D:\HPCHEM\5\PCB5LVL1\PCB26.D Vial: 26
Signal #2 : D:\HPCHEM\5\PCB5LVL1\PCB26.D\CONFIRM.D
Acq On : 11 May 96 08:57 AM Operator: JS
Sample : AR1221 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: May 15 13:46 1996

Method : C:\HPCHEM\5\METHODS\PCB1B.M
Title : PCB 5 LEVEL
Last Update : Thu May 16 09:13:54 1996
Response via : Multiple Level Calibration

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



310

Sequence Name: C:\HPCHEM\5\SEQUENCE\JN21.S
Comment:
Operator: JS
Data Path: D:\HPCHEM\5\JUN21\
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	PS0621A	PCB1C	AR1242 1.0 UG/ML - 560
2	Sample	2	PS0621B	PCB1C	AR1254 1.0 UG/ML -
3	Sample	3	PS0621C	PCB1C	AR1660 1.0 UG/ML -
4	Sample	4	P0620-B2	PCB1C	AQUEOUS METHOD BLANK
5	Sample	5	P0620-L2	PCB1C	AQUEOUS LAB CONTROL SAMPLE
6	Sample	6	C560-35	PCB1C	VHB / DE QAQC S1:U3
7	Sample	7	C560-36	PCB1C	VHB / DE QAQC V1:X3
8	Sample	8	C560-37	PCB1C	VHB / DE QAQC V7:X9
9	Sample	9	C560-38	PCB1C	VHB / SDE QAQC J7:L9
10	Sample	10	C560-39	PCB1C	VHB / SDE QAQC U7:X9
11	Sample	11	C560-40	PCB1C	VHB / CDE QAQC V7:X9
12	Sample	12	C560-41	PCB1C	VHB / CDE QAQC V1:X3
13	Sample	13	C560-42	PCB1C	VHB / CDE QAQC P1:R3
14	Sample	14	PS0621D	PCB1C	AR142 1.0 UG/ML -
15	Sample	15	PS0621E	PCB1C	AR12541.0 UG/ML - 560
16	Sample	16	PS0621F	PCB1C	AR1660 1.0 UG/ML -
17	Sample	17	C560-43	PCB1C	VHB / CDE QAQC J1:L3
18	Sample	18	P0620-B1	PCB1C	SOIL METHOD BLANK
19	Sample	19	P0620-L1	PCB1C	SOIL LAB CONTROL SAMPLE
20	Sample	20	C560-01	PCB1C	VHB / BW09 PRIMARY
21	Sample	21	C560-04	PCB1C	VHB / BX07 DUPLICATE
22	Sample	22	C560-04M	PCB1C	VHB / BX07 DUPLICATE MS
23	Sample	23	C560-04D	PCB1C	VHB / BX07 DUPLICATE MSD
24	Sample	24	C560-07	PCB1C	VHB / PD01:F3
25	Sample	25	C560-10	PCB1C	VHB / PG1:I3
26	Sample	26	C560-11	PCB1C	VHB / DG1:I3
27	Sample	27	PS0621G	PCB1C	AR1242 1.0 UG/ML -
28	Sample	28	PS0621H	PCB1C	AR1254 1.0 UG/ML - 560
29	Sample	29	PS0621I	PCB1C	AR1660 1.0 UG/ML -
30	Sample	30	C560-13	PCB1C	VHB / PJ01:L03
31	Sample	31	C560-16	PCB1C	VHB / PM01:O03
32	Sample	32	C560-18	PCB1C	VHB / PP01:R03
33	Sample	33	C560-21	PCB1C	VHB / PS01:U03
34	Sample	34	C560-24	PCB1C	VHB / PV01:X03
35	Sample	35	C560-26	PCB1C	VHB / PJ7:L9
36	Sample	36	C560-29	PCB1C	VHB / PS7:U9
37	Sample	37	C560-32	PCB1C	VHB / PV07:X09
38	Sample	38	C560-33	PCB1C	VHB / DV07:X09
39	Sample	39	C560-47	PCB1C	VHB / PG7:I9
40	Sample	40	PS0621J	PCB1C	AR1242 1.0 UG/ML - 560 + 542
41	Sample	41	PS0621K	PCB1C	AR1254 1.0 UG/ML -
42	Sample	42	PS0621L	PCB1C	AR1660 1.0 UG/ML -
43	Sample	43	C560-44	PCB1C	VHB / PP07:R09

Sequence Name: C:\HPCHEM\5\SEQUENCE\JN21.S

Line	Type	Vial	DataFile	Method	Sample Name
44	Sample	44	C542-06	PCB1C	VHB / C-E12
45	Sample	45	C542-07	PCB1C	VHB / C-D12
46	Sample	46	P0621-B1	PCB1C	SOIL METHOD BLANK
47	Sample	47	P0621-L1	PCB1C	SOIL LAB CONTROL SAMPLE
48	Sample	48	C558-06	PCB1C	RANSOM / STOCK PILE 2-S1
49	Sample	49	PS0621M	PCB1C	AR1242 1.0 UG/ML
50	Sample	50	PS0621N	PCB1C	AR1254 1.0 UG/ML
51	Sample	51	PS0621O	PCB1C	AR1660 1.0 UG/ML

562 + 542

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621A.D Vial: 1
Signal #2 : D:\HPCHEM\5\JUN21\PS0621A.D\CONFIRM.D
Acq On : 21 Jun 96 05:54 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 21 18:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	6.37	4213	3392	0.017	0.016	
				Recovery	=	42.50%	40.00%	
2) S	Decachlorobiphenyl	22.22	30.25	2282	1065	0.013	0.013	
				Recovery	=	32.50%	32.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.21	11.58	13374	9560	0.109	0.089	
4) M	2,2',3,3',4,4'-Hexa	16.93	21.49	89	32	0.000	0.000	#
5) L1	Aroclor-1016	6.79	8.72	7929	3800	0.240	0.279	
6) L1	Aroclor-1016 {2}	8.92	10.25	3951	6665	0.222	0.244	
7) L1	Aroclor-1016 {3}	9.32	12.17	6464	4116	0.246	0.245	
	Total Aroclor-1016			18344	14581	0.708	0.768	
	Average Aroclor-1016					0.236	0.256	
8) L2	Aroclor-1221	5.07	7.96	698	618	0.144	0.147	
9) L2	Aroclor-1221 {2}	5.50	8.49	997	859	0.246	0.255	
10) L2	Aroclor-1221 {3}	5.67	8.72	4623	3800	0.333	0.370	
	Total Aroclor-1221			6318	5278	0.723	0.773	
	Average Aroclor-1221					0.241	0.258	
11) L3	Aroclor-1232	5.67	8.72	4623	3800	0.385	0.419	
12) L3	Aroclor-1232 {2}	6.79	10.25	7929	6665	0.909	0.890	
13) L3	Aroclor-1232 {3}	8.60	12.17	4979	4116	0.948	0.960	
	Total Aroclor-1232			17531	14581	2.242	2.269	
	Average Aroclor-1232					0.747	0.756	
14) L4	Aroclor-1242	8.21	11.58	13374	9560	0.346	0.368	
15) L4	Aroclor-1242 {2}	8.92	12.17	3951	4116	0.326	0.357	
16) L4	Aroclor-1242 {3}	10.06	13.93	5387	3968	0.348	0.349	
	Total Aroclor-1242			22712	17644	1.020	1.074	
	Average Aroclor-1242					0.340	0.358	
17) L5	Aroclor-1248	9.32	14.88	6464	3765	0.340	0.295	
18) L5	Aroclor-1248 {2}	10.06	15.10	5387	4362	0.339	0.335	
19) L5	Aroclor-1248 {3}	11.39	16.11	6211	3260	0.300	0.320	
	Total Aroclor-1248			18062	11386	0.979	0.950	
	Average Aroclor-1248					0.326	0.317	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621A.D Vial: 1
Signal #2 : D:\HPCHEM\5\JUN21\PS0621A.D\CONFIRM.D
Acq On : 21 Jun 96 05:54 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 21 18:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	15.40	0	978	N.D.	0.041 #
21) L6	Aroclor-1254 {2}	13.41	15.65	1293	1074	0.032	0.043 #
22) L6	Aroclor-1254 {3}	15.80	17.49	166	1210	0.005	0.036 #
Total	Aroclor-1254			1459	3262	0.037	0.121
Average	Aroclor-1254					0.019	0.040
23) L7	Aroclor-1260	13.90	18.13	730	94	0.021	0.003 #
24) L7	Aroclor-1260 {2}	14.70	0.00	106	0	0.003	N.D. #
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			836	94	0.024	0.003
Average	Aroclor-1260					0.012	0.003
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

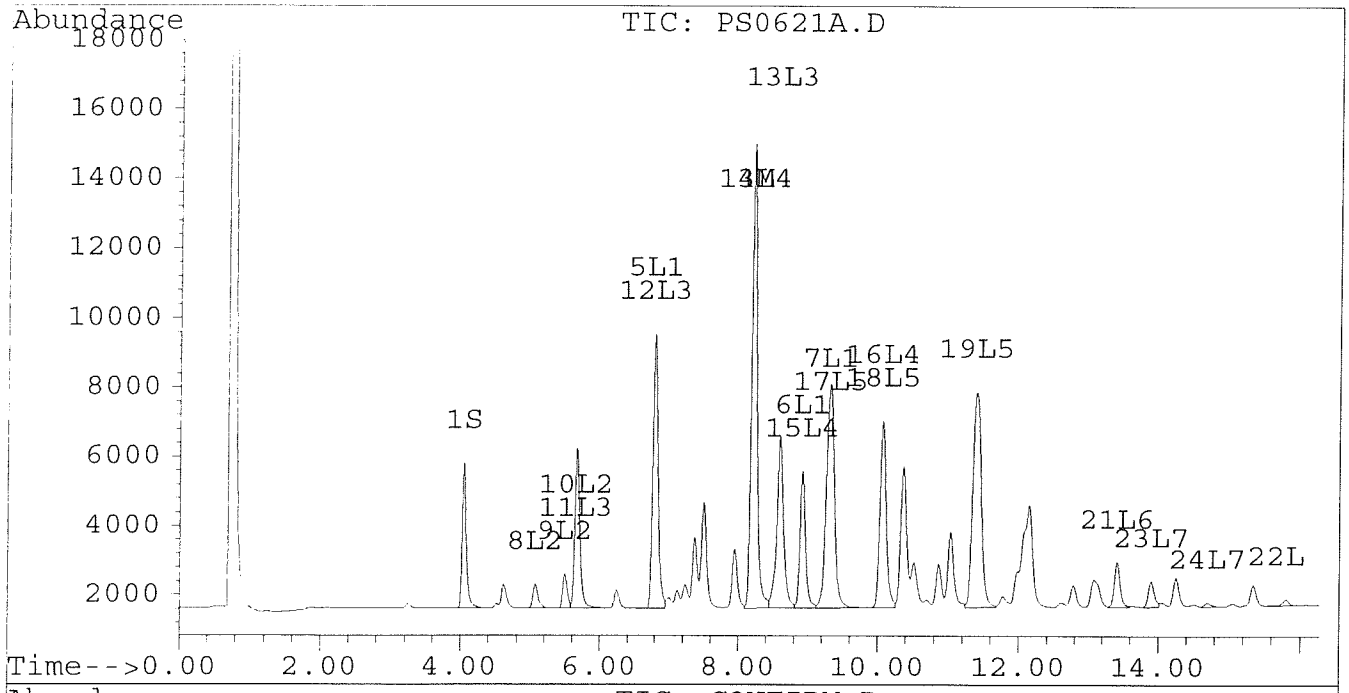
Quantitation Report

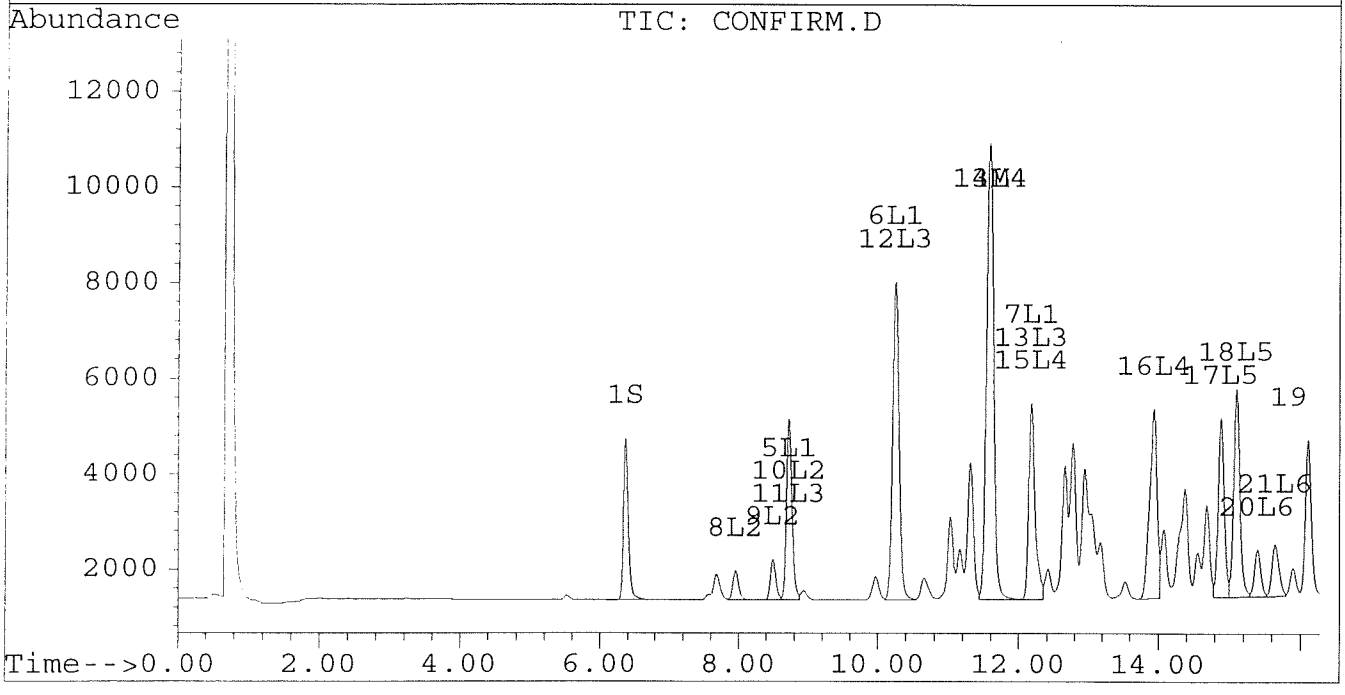
Signal #1 : D:\HPCHEM\5\JUN21\PS0621A.D
Signal #2 : D:\HPCHEM\5\JUN21\PS0621A.D\CONFIRM.D
Acq On : 21 Jun 96 05:54 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jun 21 18:28 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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





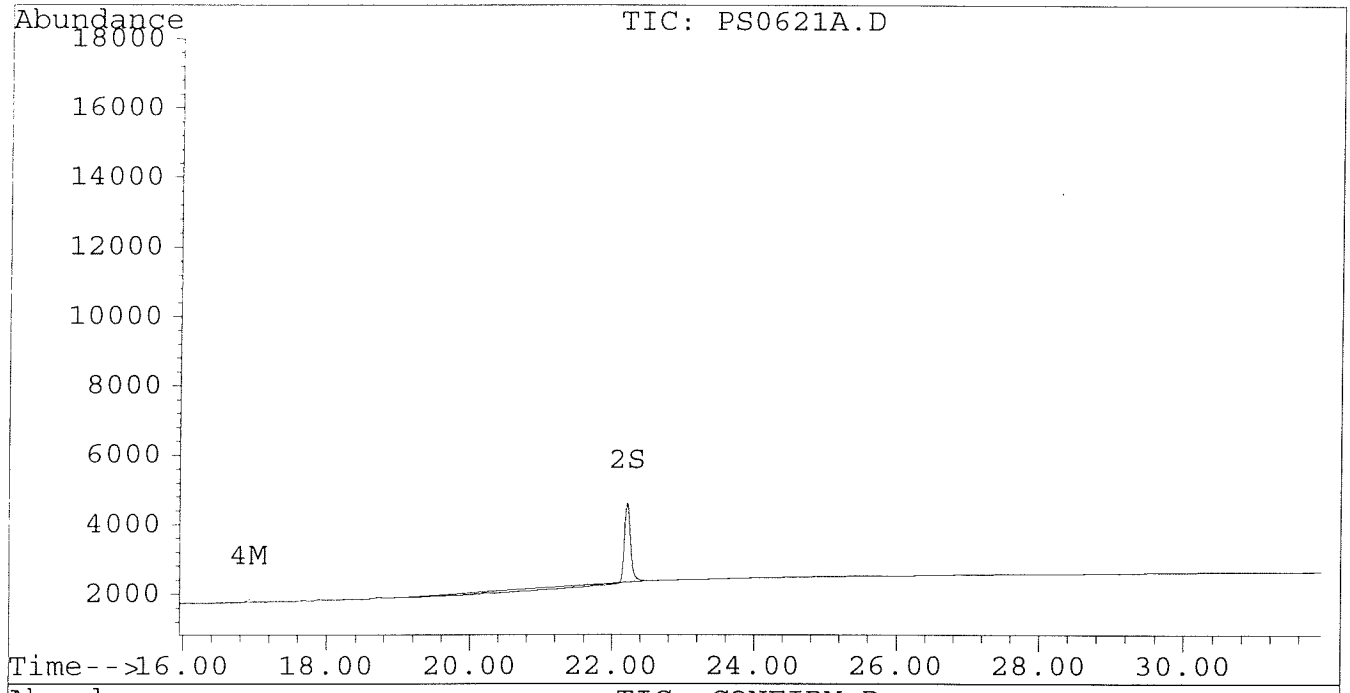
Quantitation Report

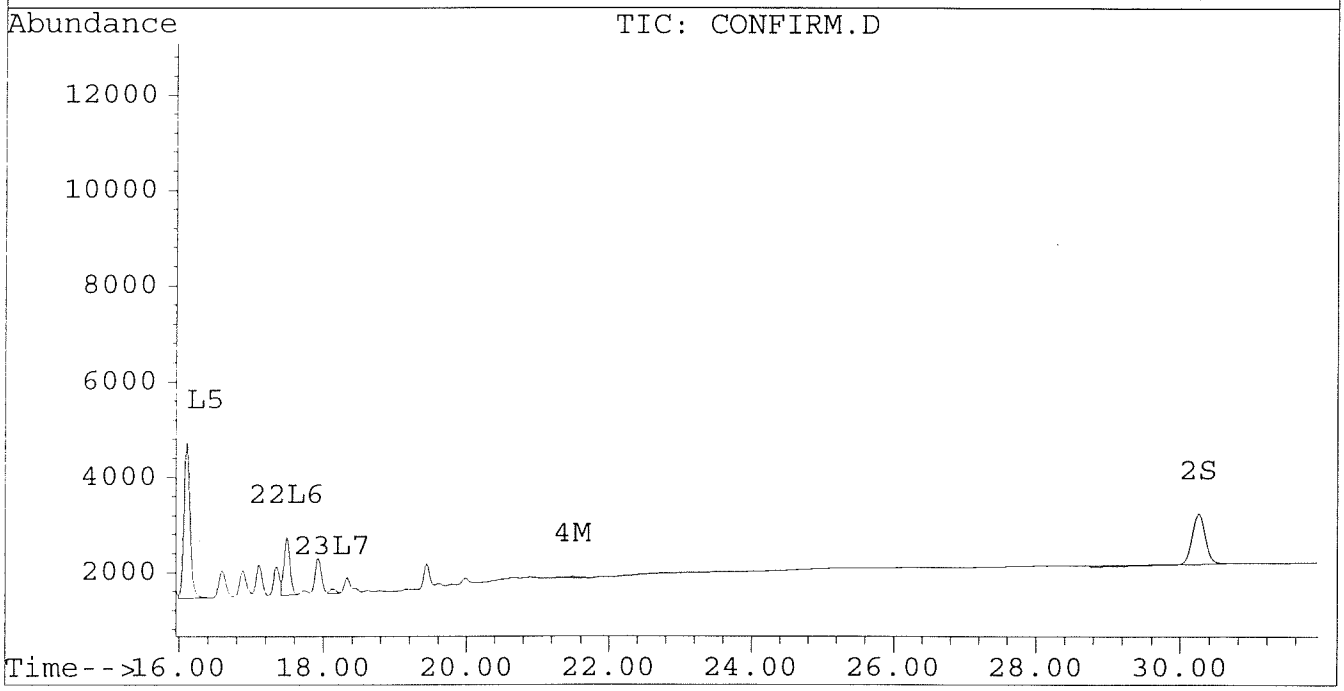
Signal #1 : D:\HPCHEM\5\JUN21\PS0621A.D
Signal #2 : D:\HPCHEM\5\JUN21\PS0621A.D\CONFIRM.D
Acq On : 21 Jun 96 05:54 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jun 21 18:28 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JUN21\PS0621B.D\CONFIRM.D
Acq On : 21 Jun 96 06:29 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 21 19:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	6.38	4565	3621	0.018	0.017	
				Recovery	=	45.00%	42.50%	
2) S	Decachlorobiphenyl	22.21	30.24	2835	1279	0.017	0.016	
				Recovery	=	42.50%	40.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.19	11.58	328	248	0.003	0.002	
4) M	2,2',3,3',4,4'-Hexa	16.91	21.49	2962	2267	0.016	0.014	
5) L1	Aroclor-1016	6.78	8.73	186	65	0.006	0.005	
6) L1	Aroclor-1016 {2}	8.91	10.26	100	159	0.006	0.006	
7) L1	Aroclor-1016 {3}	9.27	12.18	5978	82	0.228	0.005	#
Total	Aroclor-1016			6263	306	0.239	0.015	
Average	Aroclor-1016					0.080	0.005	
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10) L2	Aroclor-1221 {3}	5.66	8.73	78	65	0.006	0.006	
Total	Aroclor-1221			78	65	0.006	0.006	
Average	Aroclor-1221					0.006	0.006	
11) L3	Aroclor-1232	5.66	8.73	78	65	0.006	0.007	
12) L3	Aroclor-1232 {2}	6.78	10.26	186	159	0.021	0.021	
13) L3	Aroclor-1232 {3}	8.57	12.18	124	82	0.024	0.019	
Total	Aroclor-1232			388	306	0.051	0.047	
Average	Aroclor-1232					0.017	0.016	
14) L4	Aroclor-1242	8.19	11.58	328	248	0.008	0.010	
15) L4	Aroclor-1242 {2}	8.91	12.18	100	82	0.008	0.007	
16) L4	Aroclor-1242 {3}	10.05	13.94	2865	2459	0.185	0.216	
Total	Aroclor-1242			3293	2789	0.202	0.233	
Average	Aroclor-1242					0.067	0.078	
17) L5	Aroclor-1248	9.27	14.89	5978	3621	0.314	0.284	
18) L5	Aroclor-1248 {2}	10.05	15.10	2865	1136	0.181	0.087	#
19) L5	Aroclor-1248 {3}	11.34	16.11	11041	742	0.533	0.073	#
Total	Aroclor-1248			19884	5499	1.028	0.444	
Average	Aroclor-1248					0.343	0.148	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JUN21\PS0621B.D\CONFIRM.D
Acq On : 21 Jun 96 06:29 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 21 19:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.40	10310	8565	0.345	0.361
21) L6 Aroclor-1254 {2}	13.40	15.64	14456	9267	0.353	0.373
22) L6 Aroclor-1254 {3}	15.79	17.49	10327	13052	0.341	0.393
Total Aroclor-1254			35093	30884	1.040	1.128
Average Aroclor-1254					0.347	0.376
23) L7 Aroclor-1260	13.90	18.13	6502	4637	0.190	0.157
24) L7 Aroclor-1260 {2}	14.68	18.44	5711	5051	0.145	0.154
25) L7 Aroclor-1260 {3}	17.89	21.86	1303	1192	0.024	0.024
Total Aroclor-1260			13516	10881	0.359	0.335
Average Aroclor-1260					0.120	0.112
26) L8 Aroclor-1268	0.00	23.34	0	189	N.D.	NoCal
27) L8 Aroclor-1268 {2}	19.01	0.00	834	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.

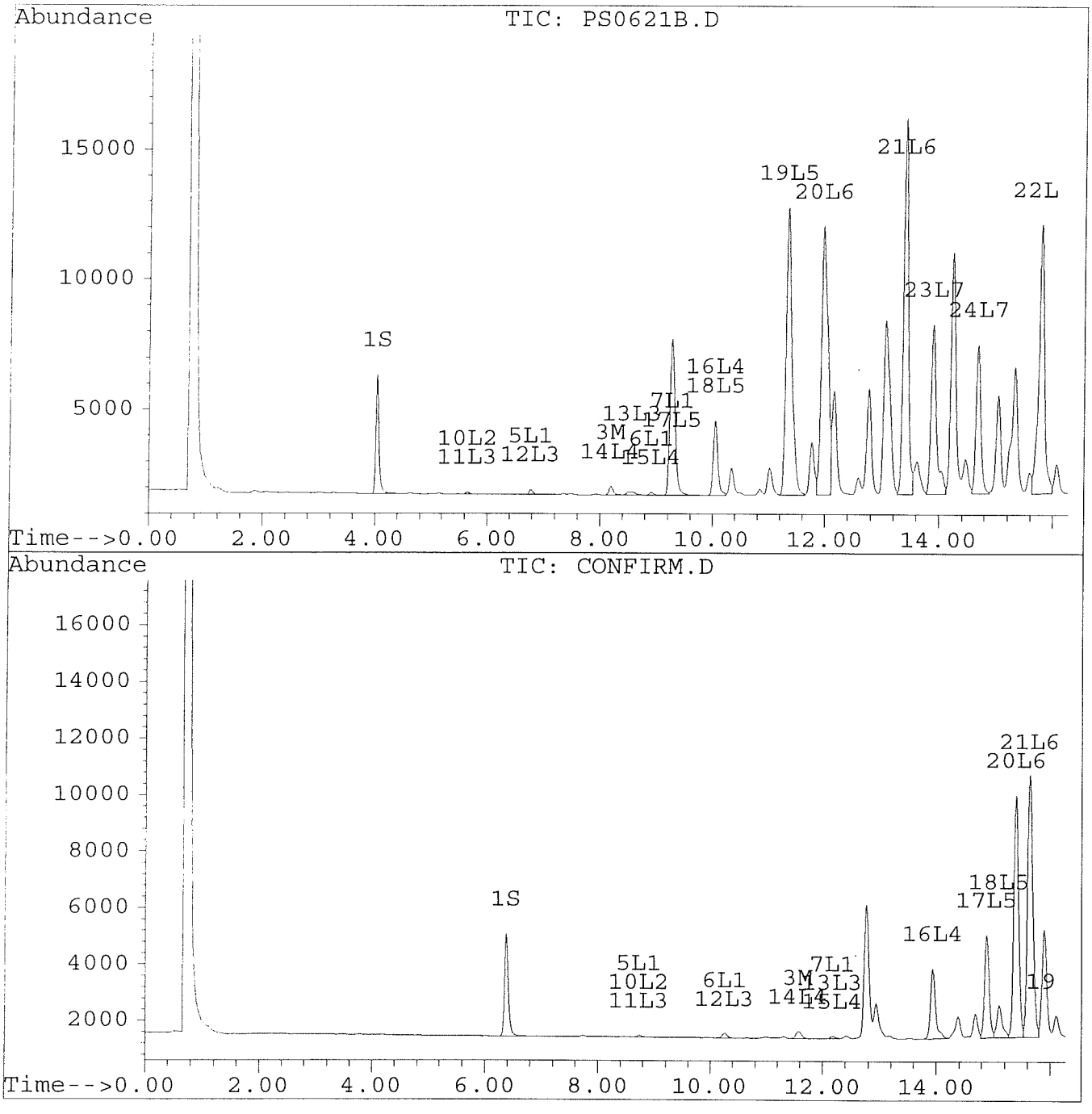
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621B.D
Signal #2 : D:\HPCHEM\5\JUN21\PS0621B.D\CONFIRM.D
Acq On : 21 Jun 96 06:29 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jun 21 19:03 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

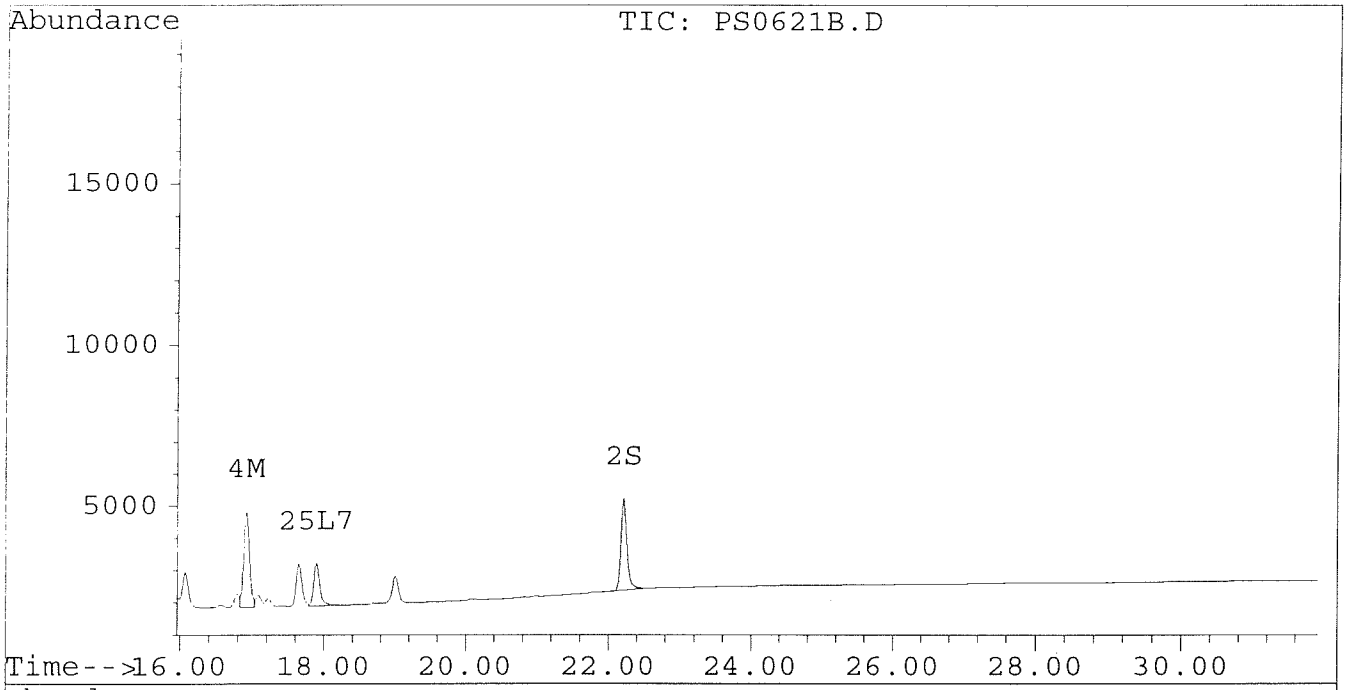


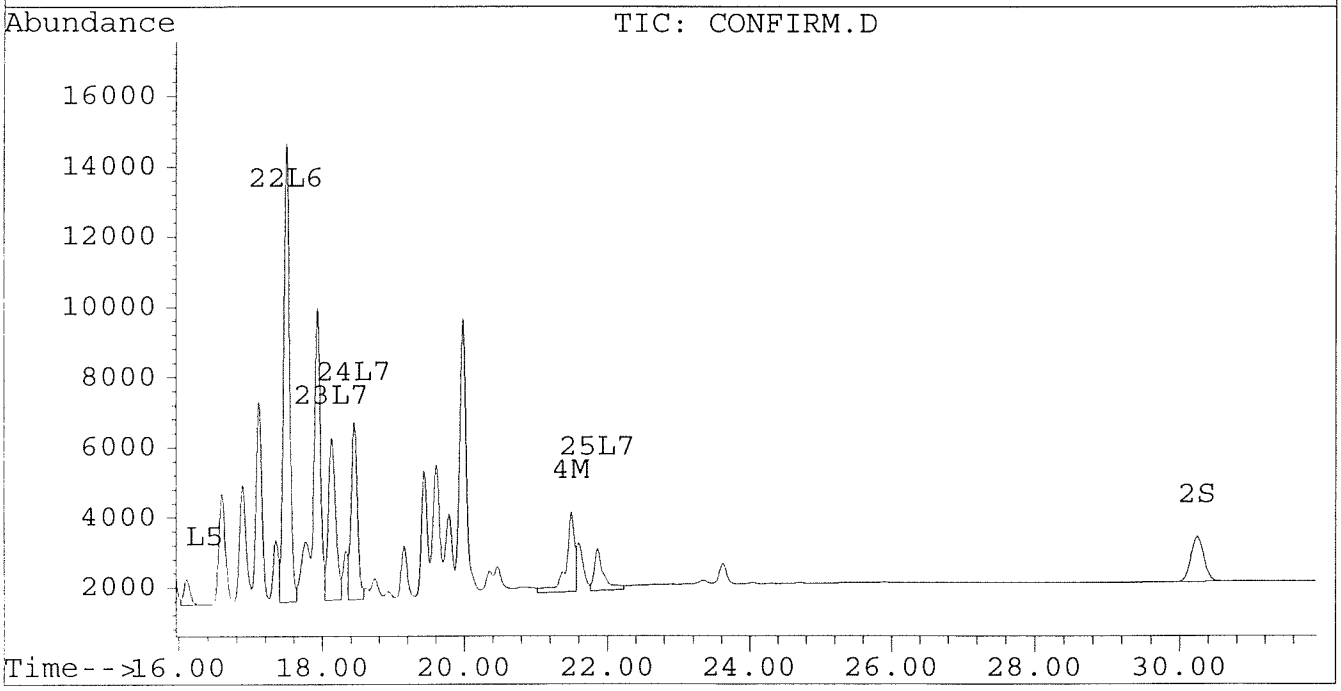
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JUN21\PS0621B.D\CONFIRM.D
Acq On : 21 Jun 96 06:29 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 21 19:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JUN21\PS0621C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JUN21\PS0621C.D\CONFIRM.D
Acq On : 21 Jun 96 07:05 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 21 19:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	6.38	4430	3613	0.018	0.017	
				Recovery	=	45.00%	42.50%	
2) S	Decachlorobiphenyl	22.21	30.24	2993	1373	0.018	0.017	
				Recovery	=	45.00%	42.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.19	11.58	19141	13794	0.157	0.129	
4) M	2,2',3,3',4,4'-Hexa	16.92	21.52	9088	1682	0.050	0.011	#
5) L1	Aroclor-1016	6.77	8.73	10914	4561	0.330	0.335	
6) L1	Aroclor-1016 {2}	8.90	10.25	5746	9153	0.322	0.334	
7) L1	Aroclor-1016 {3}	9.30	12.18	9007	5796	0.343	0.346	
Total	Aroclor-1016			25667	19510	0.996	1.015	
Average	Aroclor-1016					0.332	0.338	
8) L2	Aroclor-1221	5.06	7.96	782	691	0.162	0.165	
9) L2	Aroclor-1221 {2}	5.48	8.50	1119	965	0.276	0.287	
10) L2	Aroclor-1221 {3}	5.65	8.73	5489	4561	0.396	0.444	
Total	Aroclor-1221			7390	6217	0.833	0.896	
Average	Aroclor-1221					0.278	0.299	
11) L3	Aroclor-1232	5.65	8.73	5489	4561	0.457	0.502	
12) L3	Aroclor-1232 {2}	6.77	10.25	10914	9153	1.252	1.222	
13) L3	Aroclor-1232 {3}	8.58	12.18	7023	5796	1.337	1.352	
Total	Aroclor-1232			23427	19510	3.046	3.077	
Average	Aroclor-1232					1.015	1.026	
14) L4	Aroclor-1242	8.19	11.58	19141	13794	0.495	0.531	
15) L4	Aroclor-1242 {2}	8.90	12.18	5746	5796	0.475	0.502	
16) L4	Aroclor-1242 {3}	10.05	13.93	7137	5076	0.461	0.446	
Total	Aroclor-1242			32024	24665	1.431	1.480	
Average	Aroclor-1242					0.477	0.493	
17) L5	Aroclor-1248	9.30	14.89	9007	786	0.473	0.062	#
18) L5	Aroclor-1248 {2}	10.05	15.10	7137	1371	0.450	0.105	#
19) L5	Aroclor-1248 {3}	11.33f	16.11	4656	191	0.225	0.019	#
Total	Aroclor-1248			20800	2348	1.148	0.186	
Average	Aroclor-1248					0.383	0.062	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JUN21\PS0621C.D\CONFIRM.D
Acq On : 21 Jun 96 07:05 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 21 19:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.40	4571	3945	0.153	0.166
21) L6 Aroclor-1254 {2}	13.41	15.64	6896	4123	0.168	0.166
22) L6 Aroclor-1254 {3}	15.79	17.48	12451	6130	0.411	0.184 #
Total Aroclor-1254			23917	14198	0.733	0.517
Average Aroclor-1254					0.244	0.172
23) L7 Aroclor-1260	13.90	18.12	11460	10217	0.335	0.346
24) L7 Aroclor-1260 {2}	14.68	18.44	13104	11461	0.334	0.349
25) L7 Aroclor-1260 {3}	17.89	21.85	17557	16661	0.321	0.341
Total Aroclor-1260			42121	38339	0.990	1.036
Average Aroclor-1260					0.330	0.345
26) L8 Aroclor-1268	18.83	23.28f	3342	2800	NoCal	NoCal
27) L8 Aroclor-1268 {2}	19.00	0.00	11332	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.79	0.00	985	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

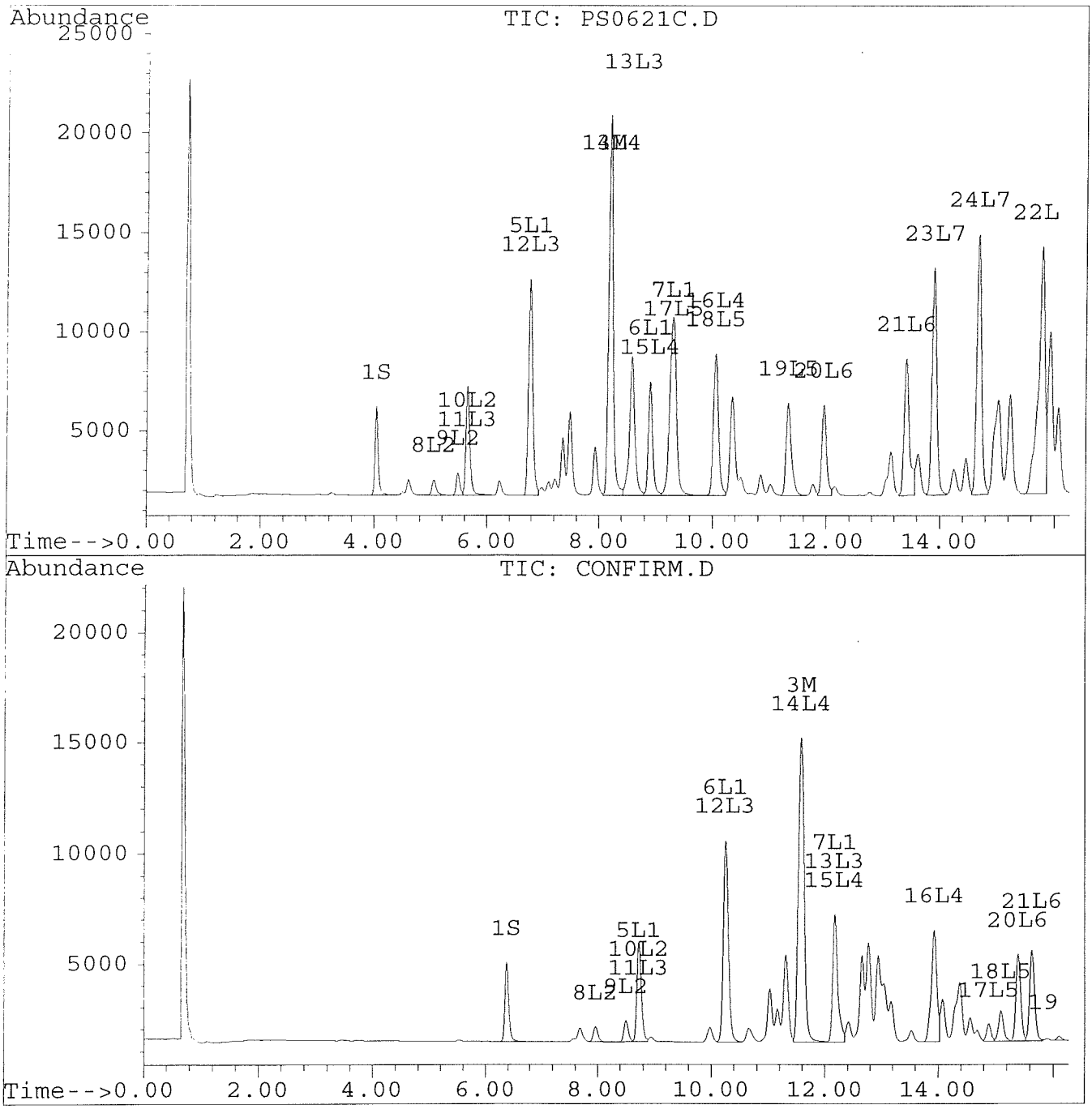
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JUN21\PS0621C.D\CONFIRM.D
Acq On : 21 Jun 96 07:05 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 21 19:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

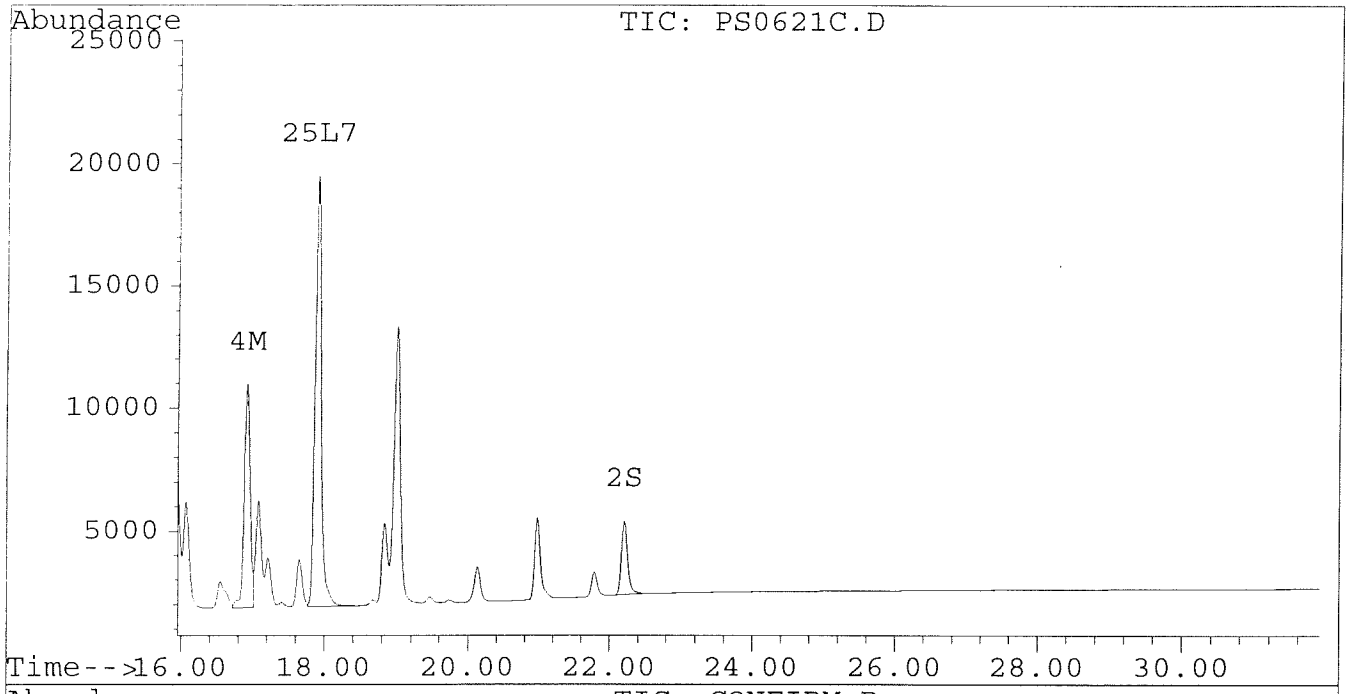


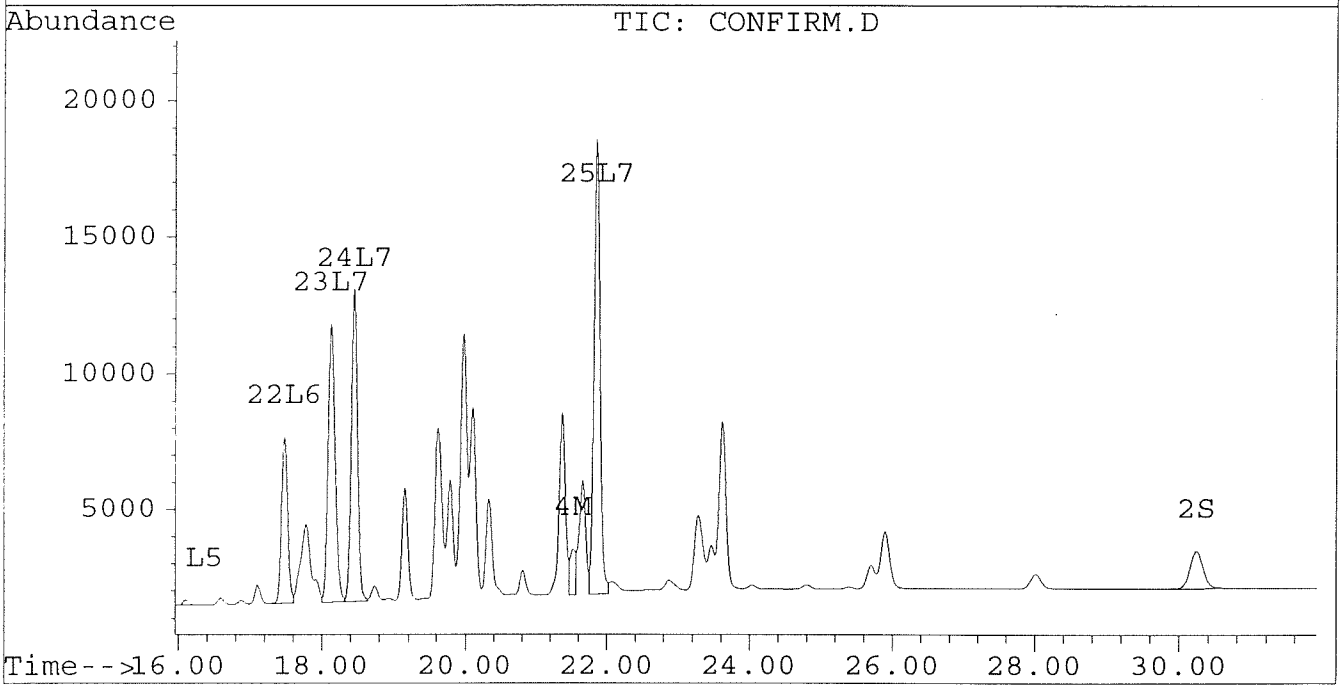
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JUN21\PS0621C.D\CONFIRM.D
Acq On : 21 Jun 96 07:05 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 21 19:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JUN21\PS0621D.D Vial: 14
Signal #2 : D:\HPCHEM\5\JUN21\PS0621D.D\CONFIRM.D
Acq On : 22 Jun 96 01:37 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 2:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	4.03	6.38	4458	3605	0.018	0.017
				Recovery	=	45.00%	42.50%
2)	S Decachlorobiphenyl	22.21	30.24	2906	1380	0.017	0.017
				Recovery	=	42.50%	42.50%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.19	11.58	14256	10187	0.117	0.095
4)	M 2,2',3,3',4,4'-Hexa	16.92	21.50	102	167	0.001	0.001 #
5)	L1 Aroclor-1016	6.77	8.73	8150	3920	0.246	0.288
6)	L1 Aroclor-1016 {2}	8.90	10.25	4147	6949	0.233	0.254
7)	L1 Aroclor-1016 {3}	9.30	12.18	6717	4375	0.256	0.261
	Total Aroclor-1016			19014	15244	0.735	0.803
	Average Aroclor-1016					0.245	0.268
8)	L2 Aroclor-1221	5.06	7.96	715	637	0.148	0.152
9)	L2 Aroclor-1221 {2}	5.48	8.50	1010	872	0.249	0.259
10)	L2 Aroclor-1221 {3}	5.65	8.73	4771	3920	0.344	0.382
	Total Aroclor-1221			6495	5429	0.740	0.793
	Average Aroclor-1221					0.247	0.264
11)	L3 Aroclor-1232	5.65	8.73	4771	3920	0.397	0.432
12)	L3 Aroclor-1232 {2}	6.77	10.25	8150	6949	0.935	0.928
13)	L3 Aroclor-1232 {3}	8.58	12.18	5295	4375	1.008	1.021
	Total Aroclor-1232			18215	15244	2.340	2.380
	Average Aroclor-1232					0.780	0.793
14)	L4 Aroclor-1242	8.19	11.58	14256	10187	0.368	0.392
15)	L4 Aroclor-1242 {2}	8.90	12.18	4147	4375	0.343	0.379
16)	L4 Aroclor-1242 {3}	10.05	13.93	5671	4198	0.367	0.369
	Total Aroclor-1242			24074	18761	1.078	1.141
	Average Aroclor-1242					0.359	0.380
17)	L5 Aroclor-1248	9.30	14.89	6717	4158	0.353	0.326
18)	L5 Aroclor-1248 {2}	10.05	15.10	5671	4768	0.357	0.366
19)	L5 Aroclor-1248 {3}	11.38	16.11	6594	3663	0.318	0.360
	Total Aroclor-1248			18982	12589	1.029	1.051
	Average Aroclor-1248					0.343	0.350

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621D.D Vial: 14
Signal #2 : D:\HPCHEM\5\JUN21\PS0621D.D\CONFIRM.D
Acq On : 22 Jun 96 01:37 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 2:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	15.40	0	1052	N.D.	0.044 #
21) L6 Aroclor-1254 {2}	13.40	15.65	1378	1153	0.034	0.046 #
22) L6 Aroclor-1254 {3}	15.79	17.49	182	1329	0.006	0.040 #
Total Aroclor-1254			1560	3535	0.040	0.131
Average Aroclor-1254					0.020	0.044
23) L7 Aroclor-1260	13.88	18.13	784	118	0.023	0.004 #
24) L7 Aroclor-1260 {2}	14.68	0.00	114	0	0.003	N.D. #
25) L7 Aroclor-1260 {3}	17.89	21.87	25	167	0.000	0.003 #
Total Aroclor-1260			923	285	0.026	0.007
Average Aroclor-1260					0.009	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

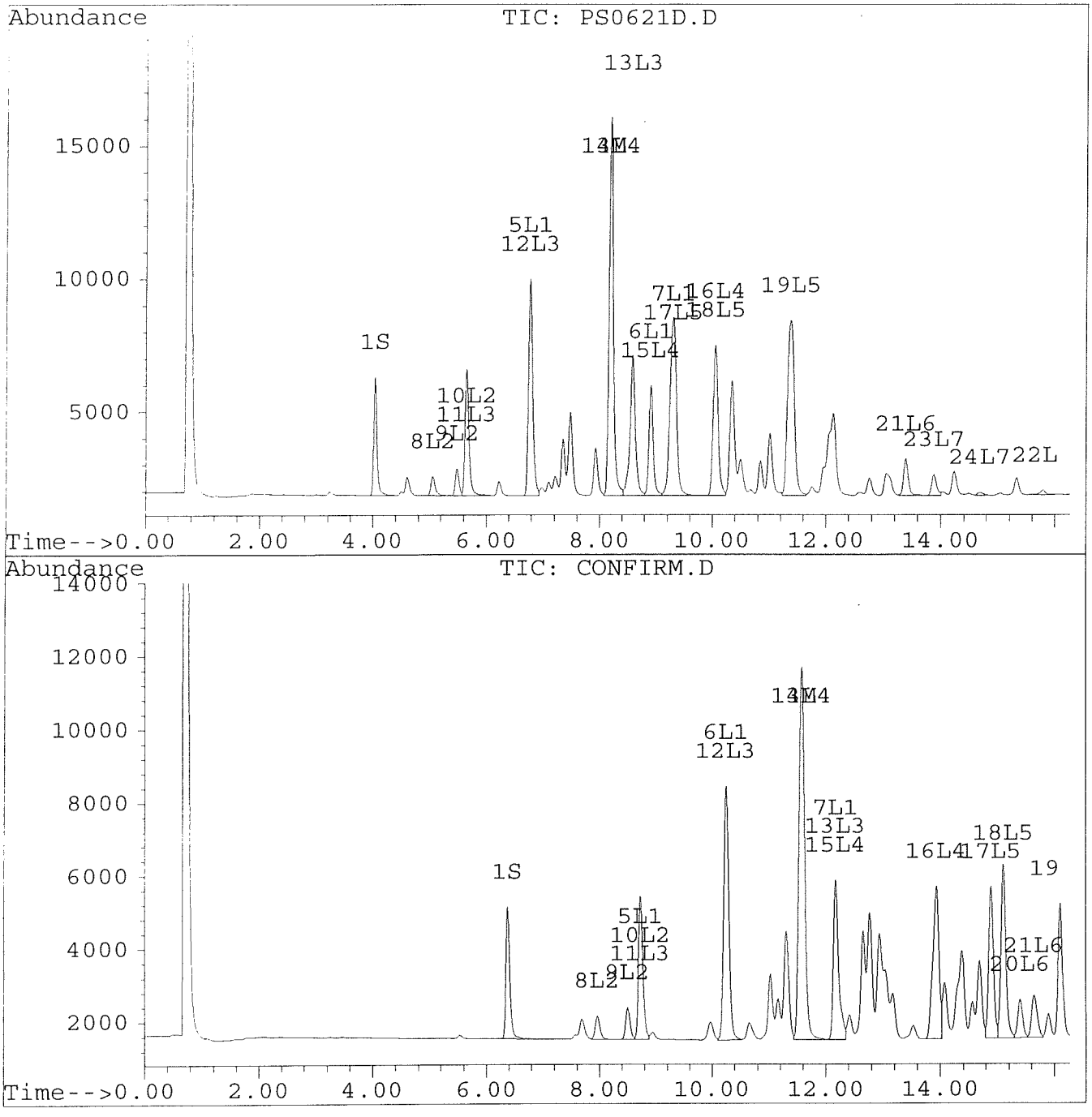
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621D.D Vial: 14
Signal #2 : D:\HPCHEM\5\JUN21\PS0621D.D\CONFIRM.D
Acq On : 22 Jun 96 01:37 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 2:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

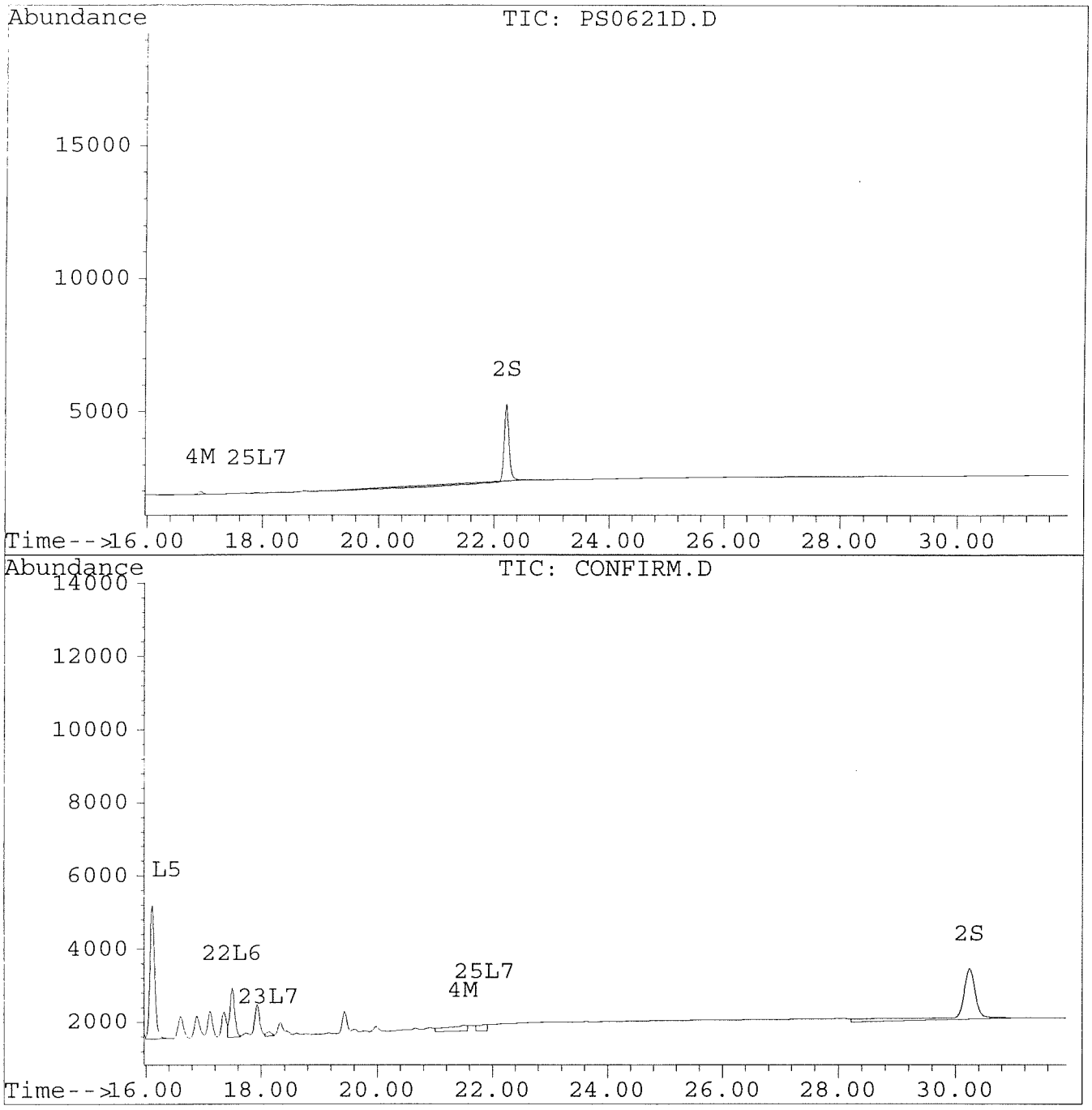


Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621D.D Vial: 14
Signal #2 : D:\HPCHEM\5\JUN21\PS0621D.D\CONFIRM.D
Acq On : 22 Jun 96 01:37 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 2:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JUN21\PS0621E.D Vial: 15
Signal #2 : D:\HPCHEM\5\JUN21\PS0621E.D\CONFIRM.D
Acq On : 22 Jun 96 02:12 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 2:46 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	4.03	6.38	4663	3690	0.019	0.017	
					Recovery	=	47.50%	42.50%	
2)	S	Decachlorobiphenyl	22.21	30.24	3353	1503	0.020	0.019	
					Recovery	=	50.00%	47.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.19	11.57	341	258	0.003	0.002	
4)	M	2,2',3,3',4,4'-Hexa	16.91	21.49	3156	2345	0.017	0.015	
5)	L1	Aroclor-1016	6.77	8.73	186	66	0.006	0.005	
6)	L1	Aroclor-1016 {2}	8.91	10.26	102	162	0.006	0.006	
7)	L1	Aroclor-1016 {3}	9.27f	12.18	6136	83	0.234	0.005	#
		Total Aroclor-1016			6424	311	0.245	0.016	
		Average Aroclor-1016					0.082	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}	5.65	8.73	79	66	0.006	0.006	
		Total Aroclor-1221			79	66	0.006	0.006	
		Average Aroclor-1221					0.006	0.006	
11)	L3	Aroclor-1232	5.65	8.73	79	66	0.007	0.007	
12)	L3	Aroclor-1232 {2}	6.77	10.26	186	162	0.021	0.022	
13)	L3	Aroclor-1232 {3}	8.57	12.18	125	83	0.024	0.019	
		Total Aroclor-1232			391	311	0.052	0.048	
		Average Aroclor-1232					0.017	0.016	
14)	L4	Aroclor-1242	8.19	11.57	341	258	0.009	0.010	
15)	L4	Aroclor-1242 {2}	8.91	12.18	102	83	0.008	0.007	
16)	L4	Aroclor-1242 {3}	10.04	13.94	2948	2534	0.191	0.223	
		Total Aroclor-1242			3390	2875	0.208	0.240	
		Average Aroclor-1242					0.069	0.080	
17)	L5	Aroclor-1248	9.27	14.88	6136	3778	0.322	0.296	
18)	L5	Aroclor-1248 {2}	10.04	15.10	2948	1214	0.186	0.093	#
19)	L5	Aroclor-1248 {3}	11.33	16.11	11395	790	0.550	0.078	#
		Total Aroclor-1248			20478	5781	1.058	0.467	
		Average Aroclor-1248					0.353	0.156	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621E.D Vial: 15
Signal #2 : D:\HPCHEM\5\JUN21\PS0621E.D\CONFIRM.D
Acq On : 22 Jun 96 02:12 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 2:46 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.39	10638	8842	0.357	0.373
21) L6 Aroclor-1254 {2}	13.40	15.64	15048	9710	0.368	0.391
22) L6 Aroclor-1254 {3}	15.79	17.49	10804	13691	0.357	0.412
Total Aroclor-1254			36491	32244	1.081	1.176
Average Aroclor-1254					0.360	0.392
23) L7 Aroclor-1260	13.89	18.12	6720	4801	0.196	0.163
24) L7 Aroclor-1260 {2}	14.68	18.44	5966	5356	0.152	0.163
25) L7 Aroclor-1260 {3}	17.89	21.86	1396	1248	0.026	0.026
Total Aroclor-1260			14083	11405	0.374	0.351
Average Aroclor-1260					0.125	0.117
26) L8 Aroclor-1268	18.83	23.34	26	166	NoCal	NoCal
27) L8 Aroclor-1268 {2}	19.01	0.00	895	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.80	0.00	107	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

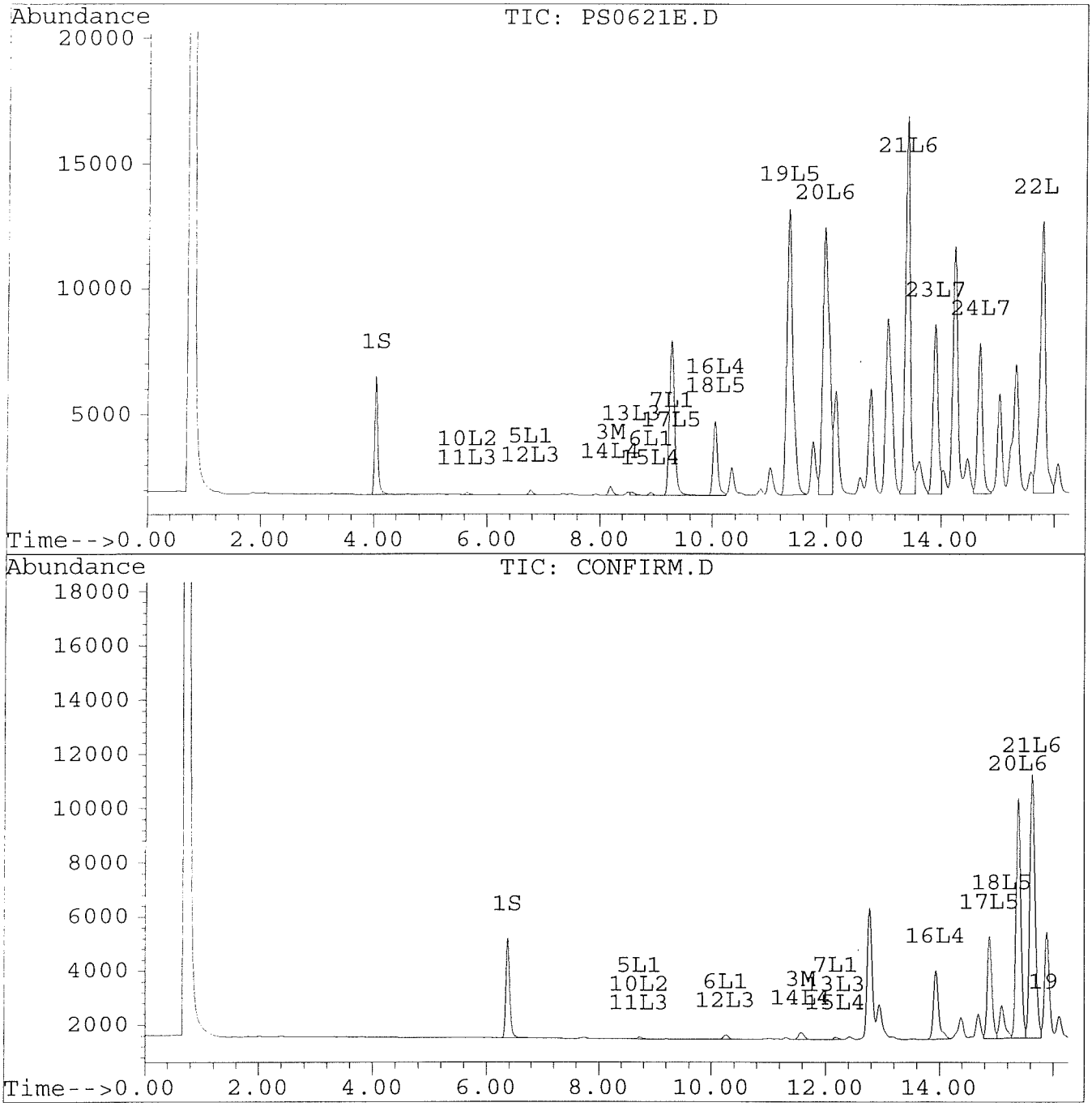
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621E.D Vial: 15
Signal #2 : D:\HPCHEM\5\JUN21\PS0621E.D\CONFIRM.D
Acq On : 22 Jun 96 02:12 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 2:46 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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



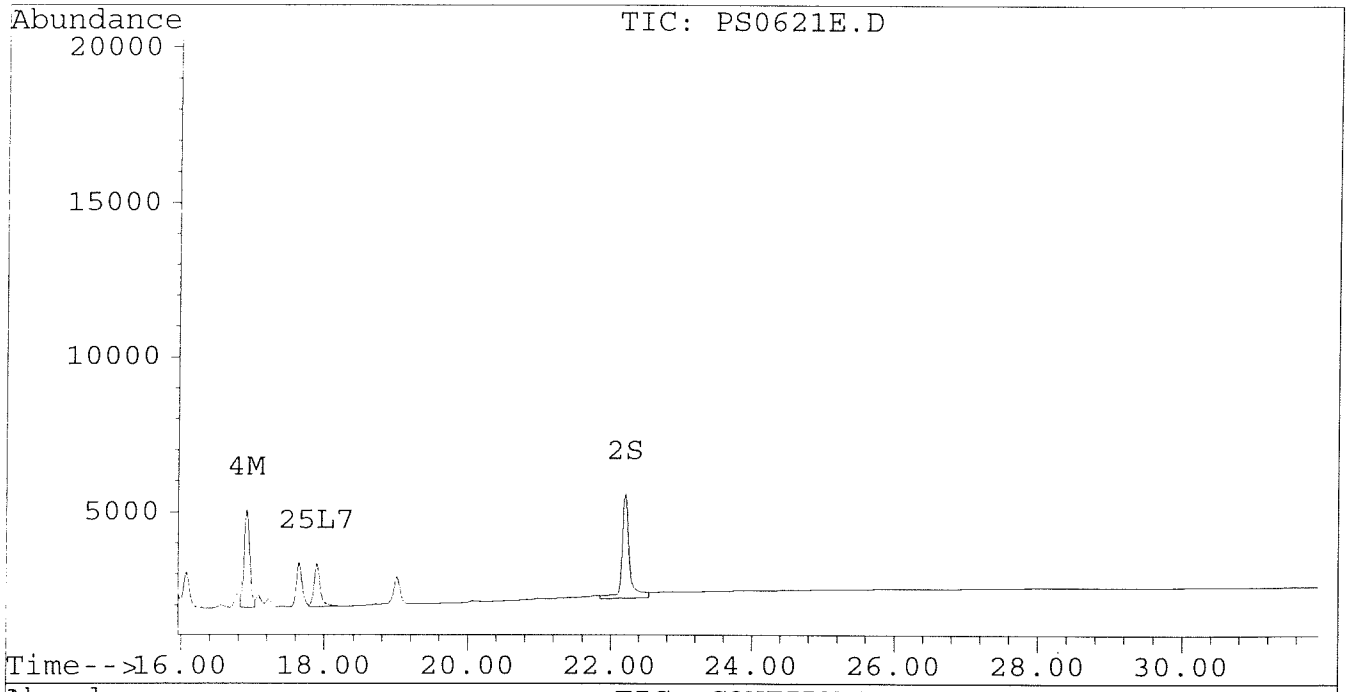
Quantitation Report

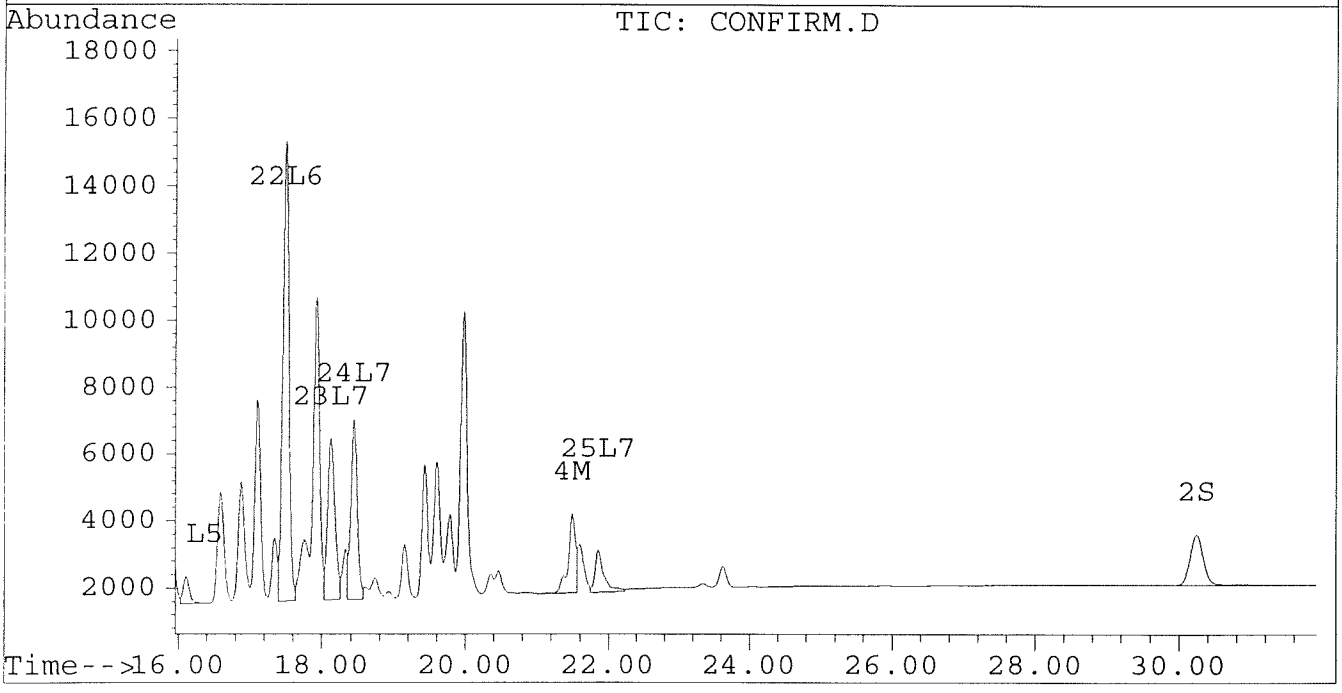
Signal #1 : D:\HPCHEM\5\JUN21\PS0621E.D
Signal #2 : D:\HPCHEM\5\JUN21\PS0621E.D\CONFIRM.D
Acq On : 22 Jun 96 02:12 AM
Sample : AR12541.0 UG/ML
Misc :
Quant Time: Jun 22 2:46 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621F.D Vial: 16
Signal #2 : D:\HPCHEM\5\JUN21\PS0621F.D\CONFIRM.D
Acq On : 22 Jun 96 02:48 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 3:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	4.03	6.38	4373	3582	0.017	0.017	
					Recovery	=	42.50%	42.50%	
2)	S	Decachlorobiphenyl	22.21	30.24	3084	1425	0.018	0.018	
					Recovery	=	45.00%	45.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.19	11.58	19122	13694	0.156	0.128	
4)	M	2,2',3,3',4,4'-Hexa	16.92	21.53	9081	1706	0.050	0.011	#
5)	L1	Aroclor-1016	6.77	8.73	10757	4559	0.325	0.335	
6)	L1	Aroclor-1016 {2}	8.90	10.25	5678	9116	0.319	0.333	
7)	L1	Aroclor-1016 {3}	9.30	12.18	8960	5793	0.342	0.346	
		Total Aroclor-1016			25395	19468	0.985	1.014	
		Average Aroclor-1016					0.328	0.338	
8)	L2	Aroclor-1221	5.06	7.96	766	680	0.158	0.162	
9)	L2	Aroclor-1221 {2}	5.48	8.50	1103	957	0.271	0.284	
10)	L2	Aroclor-1221 {3}	5.65	8.73	5443	4559	0.392	0.444	
		Total Aroclor-1221			7312	6195	0.822	0.891	
		Average Aroclor-1221					0.274	0.297	
11)	L3	Aroclor-1232	5.65	8.73	5443	4559	0.453	0.502	
12)	L3	Aroclor-1232 {2}	6.77	10.25	10757	9116	1.234	1.218	
13)	L3	Aroclor-1232 {3}	8.58	12.18	6996	5793	1.332	1.351	
		Total Aroclor-1232			23196	19468	3.019	3.071	
		Average Aroclor-1232					1.006	1.024	
14)	L4	Aroclor-1242	8.19	11.58	19122	13694	0.494	0.527	
15)	L4	Aroclor-1242 {2}	8.90	12.18	5678	5793	0.469	0.502	
16)	L4	Aroclor-1242 {3}	10.05	13.94	7061	5053	0.456	0.444	
		Total Aroclor-1242			31861	24539	1.420	1.474	
		Average Aroclor-1242					0.473	0.491	
17)	L5	Aroclor-1248	9.30	14.89	8960	799	0.471	0.063	#
18)	L5	Aroclor-1248 {2}	10.05	15.10	7061	1383	0.445	0.106	#
19)	L5	Aroclor-1248 {3}	11.33f	16.11	4636	198	0.224	0.019	#
		Total Aroclor-1248			20657	2379	1.140	0.188	
		Average Aroclor-1248					0.380	0.063	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621F.D Vial: 16
Signal #2 : D:\HPCHEM\5\JUN21\PS0621F.D\CONFIRM.D
Acq On : 22 Jun 96 02:48 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 3:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.40	4566	3948	0.153	0.167
21) L6 Aroclor-1254 {2}	13.41	15.64	6861	4124	0.168	0.166
22) L6 Aroclor-1254 {3}	15.79	17.48	12388	6197	0.409	0.186 #
Total Aroclor-1254			23814	14269	0.730	0.519
Average Aroclor-1254					0.243	0.173
23) L7 Aroclor-1260	13.90	18.12	11403	10389	0.333	0.352
24) L7 Aroclor-1260 {2}	14.68	18.44	13116	11751	0.334	0.358
25) L7 Aroclor-1260 {3}	17.89	21.85	17447	16792	0.319	0.344
Total Aroclor-1260			41966	38931	0.987	1.054
Average Aroclor-1260					0.329	0.351
26) L8 Aroclor-1268	18.83	23.28f	3382	2841	NoCal	NoCal
27) L8 Aroclor-1268 {2}	19.00	0.00	11362	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78	0.00	995	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

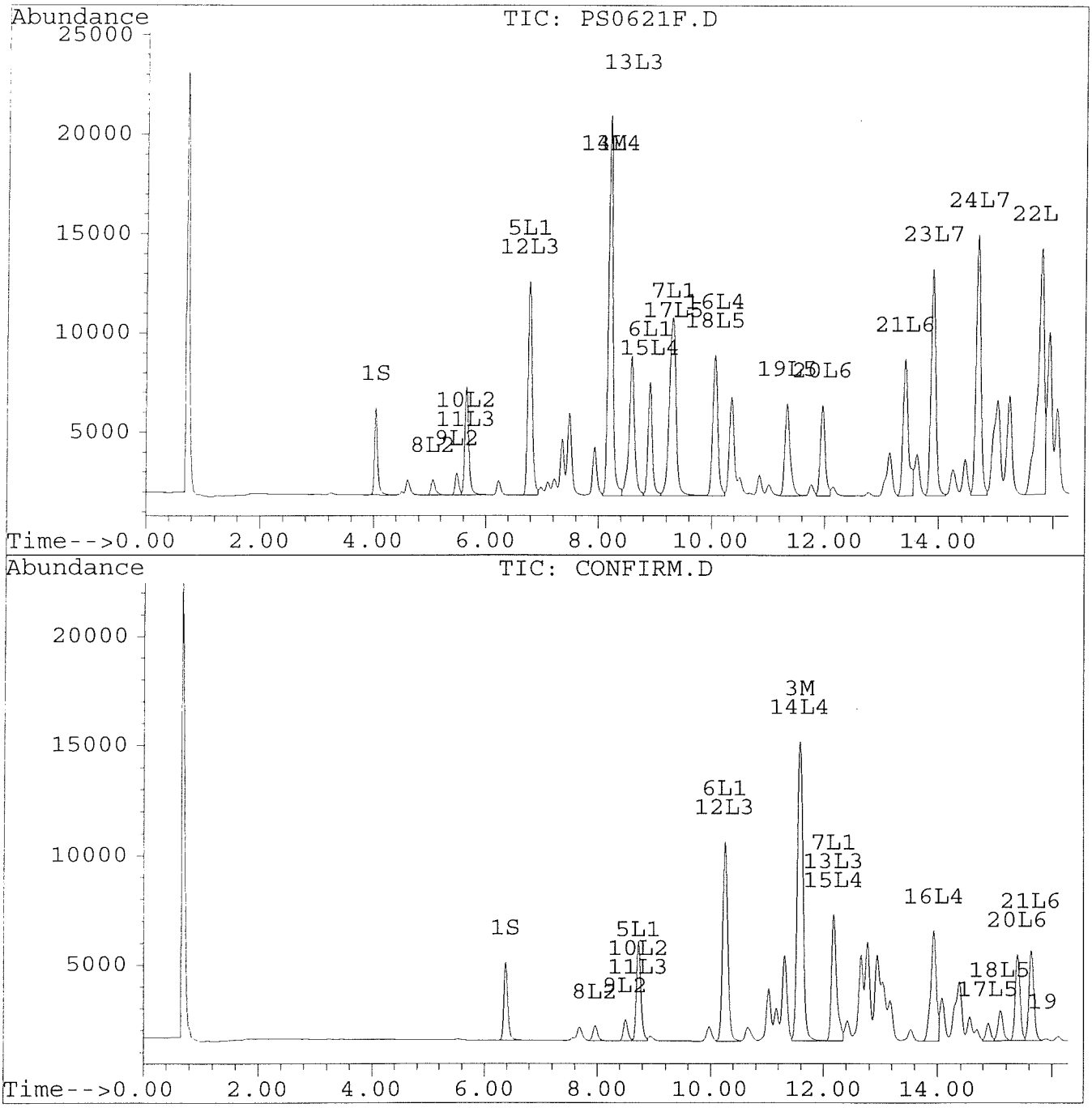
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621F.D Vial: 16
Signal #2 : D:\HPCHEM\5\JUN21\PS0621F.D\CONFIRM.D
Acq On : 22 Jun 96 02:48 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 3:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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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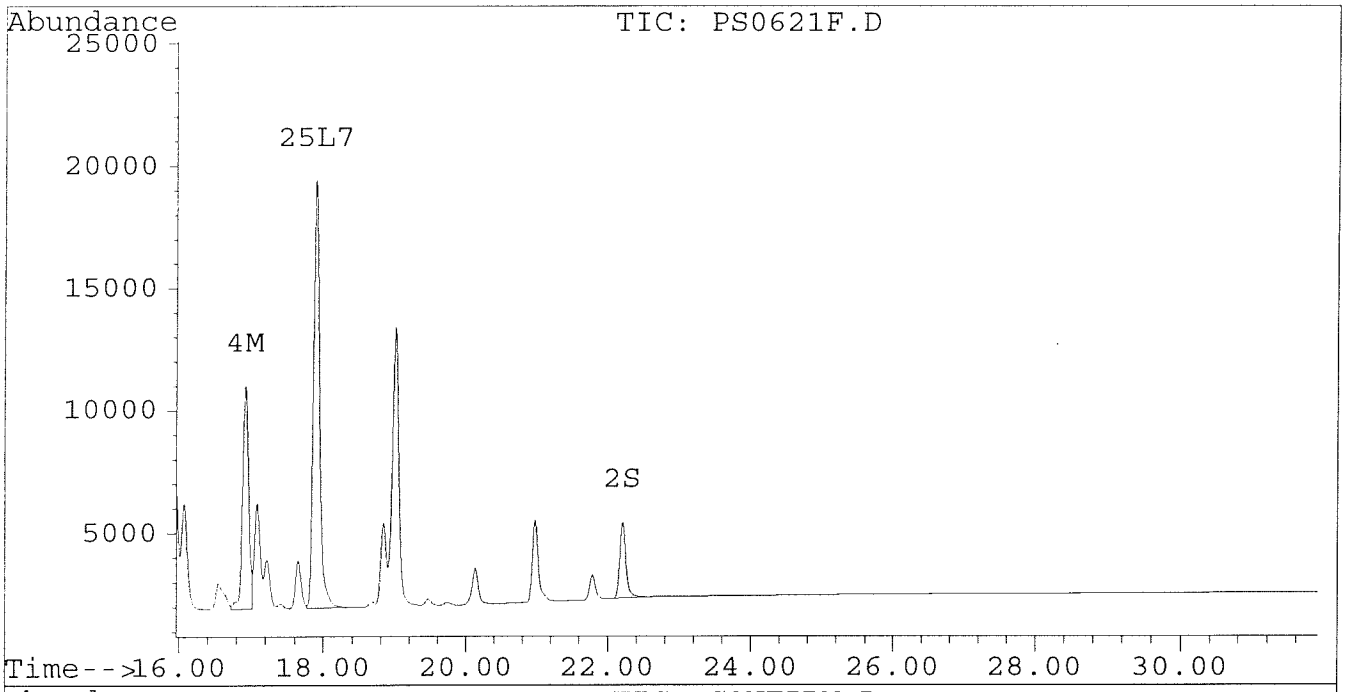
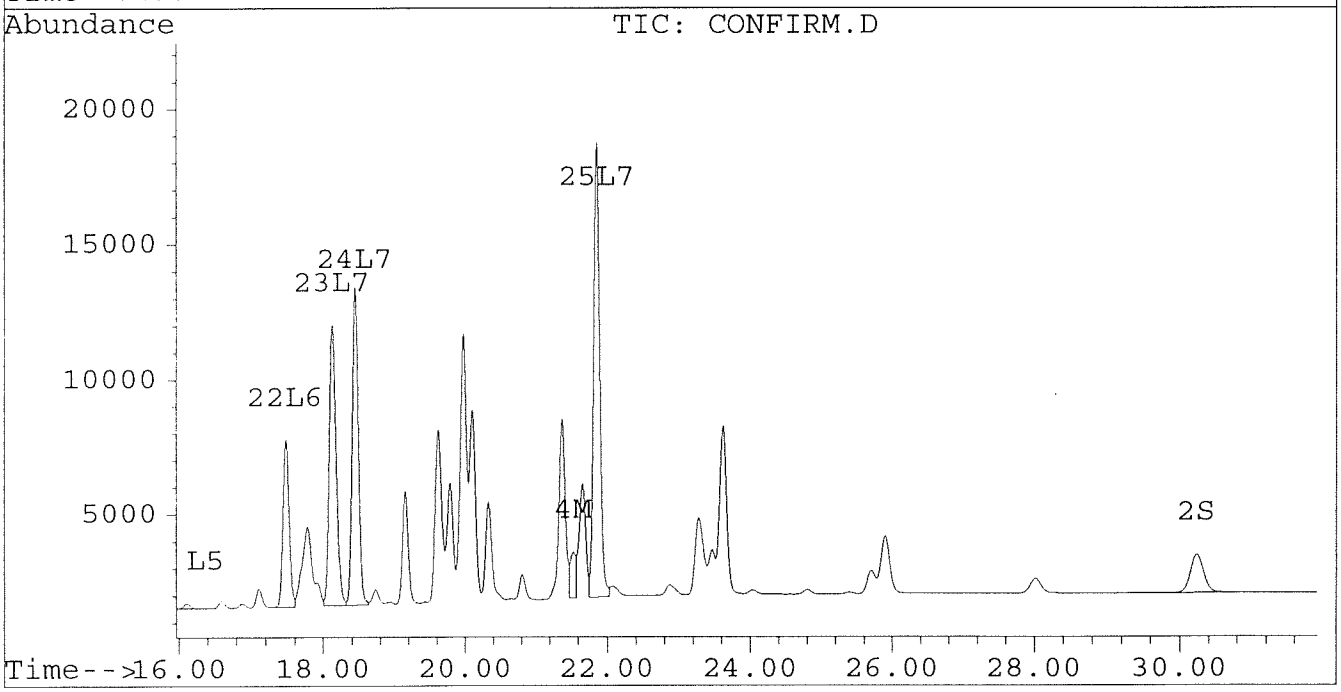
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621F.D Vial: 16
Signal #2 : D:\HPCHEM\5\JUN21\PS0621F.D\CONFIRM.D
Acq On : 22 Jun 96 02:48 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 3:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JUN21\PS0621G.D Vial: 27
Signal #2 : D:\HPCHEM\5\JUN21\PS0621G.D\CONFIRM.D
Acq On : 22 Jun 96 09:19 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 9:52 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	4.03	6.38	4454	3561	0.018	0.017
					Recovery	=	45.00%	42.50%
2)	S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.
					Recovery	=	0.00%	0.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.19	11.58	14070	10143	0.115	0.095
4)	M	2,2',3,3',4,4'-Hexa	0.00	21.50	0	669	N.D.	0.004 #
5)	L1	Aroclor-1016	6.77	8.73	8018	3896	0.242	0.286
6)	L1	Aroclor-1016 {2}	8.90	10.25	4101	6785	0.230	0.248
7)	L1	Aroclor-1016 {3}	9.30	12.17	6587	4369	0.251	0.261
		Total Aroclor-1016			18706	15050	0.724	0.795
		Average Aroclor-1016					0.241	0.265
8)	L2	Aroclor-1221	5.05	7.96	697	625	0.144	0.149
9)	L2	Aroclor-1221 {2}	5.48	8.50	984	834	0.242	0.248
10)	L2	Aroclor-1221 {3}	5.65	8.73	4689	3896	0.338	0.380
		Total Aroclor-1221			6370	5355	0.724	0.776
		Average Aroclor-1221					0.241	0.259
11)	L3	Aroclor-1232	5.65	8.73	4689	3896	0.390	0.429
12)	L3	Aroclor-1232 {2}	6.77	10.25	8018	6785	0.920	0.906
13)	L3	Aroclor-1232 {3}	8.58	12.17	5177	4369	0.986	1.019
		Total Aroclor-1232			17884	15050	2.296	2.354
		Average Aroclor-1232					0.765	0.785
14)	L4	Aroclor-1242	8.19	11.58	14070	10143	0.364	0.390
15)	L4	Aroclor-1242 {2}	8.90	12.17	4101	4369	0.339	0.379
16)	L4	Aroclor-1242 {3}	10.05	13.93	5465	4022	0.353	0.354
		Total Aroclor-1242			23637	18534	1.056	1.123
		Average Aroclor-1242					0.352	0.374
17)	L5	Aroclor-1248	9.30	14.88	6587	3893	0.346	0.305
18)	L5	Aroclor-1248 {2}	10.05	15.10	5465	4485	0.344	0.344
19)	L5	Aroclor-1248 {3}	11.38	16.10	6405	3348	0.309	0.329
		Total Aroclor-1248			18457	11726	1.000	0.978
		Average Aroclor-1248					0.333	0.326

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

Signal #1 : D:\HPCHEM\5\JUN21\PS0621G.D Vial: 27
Signal #2 : D:\HPCHEM\5\JUN21\PS0621G.D\CONFIRM.D
Acq On : 22 Jun 96 09:19 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 9:52 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	15.40	0	927	N.D.	0.039 #
21) L6	Aroclor-1254 {2}	13.40	15.64	1391	1027	0.034	0.041
22) L6	Aroclor-1254 {3}	15.79	17.49	228	1275	0.008	0.038 #
Total	Aroclor-1254			1619	3229	0.042	0.119
Average	Aroclor-1254					0.021	0.040
23) L7	Aroclor-1260	13.88	18.13	729	265	0.021	0.009 #
24) L7	Aroclor-1260 {2}	14.68	0.00	267	0	0.007	N.D. #
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			996	265	0.028	0.009
Average	Aroclor-1260					0.014	0.009
26) L8	Aroclor-1268	0.00	23.30	0	821	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

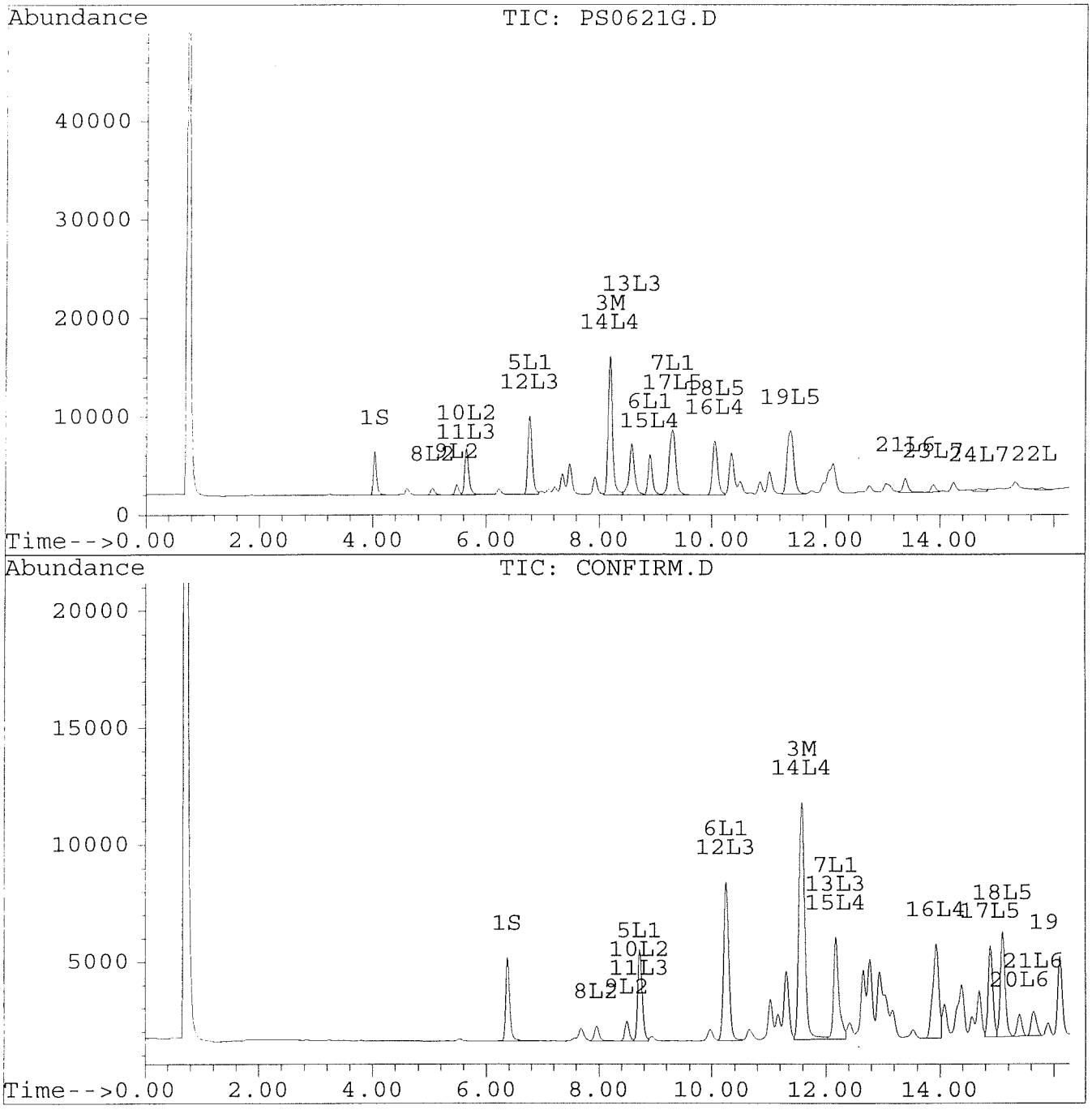
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621G.D Vial: 27
Signal #2 : D:\HPCHEM\5\JUN21\PS0621G.D\CONFIRM.D
Acq On : 22 Jun 96 09:19 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 9:52 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

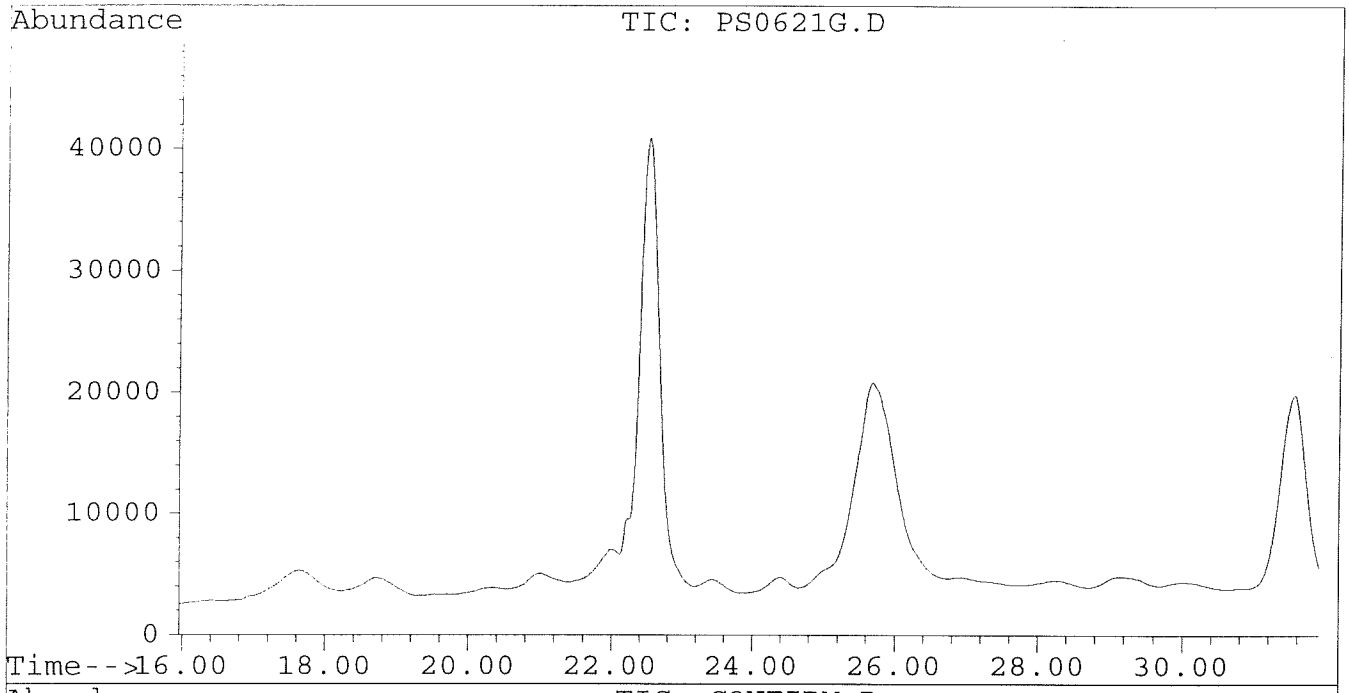


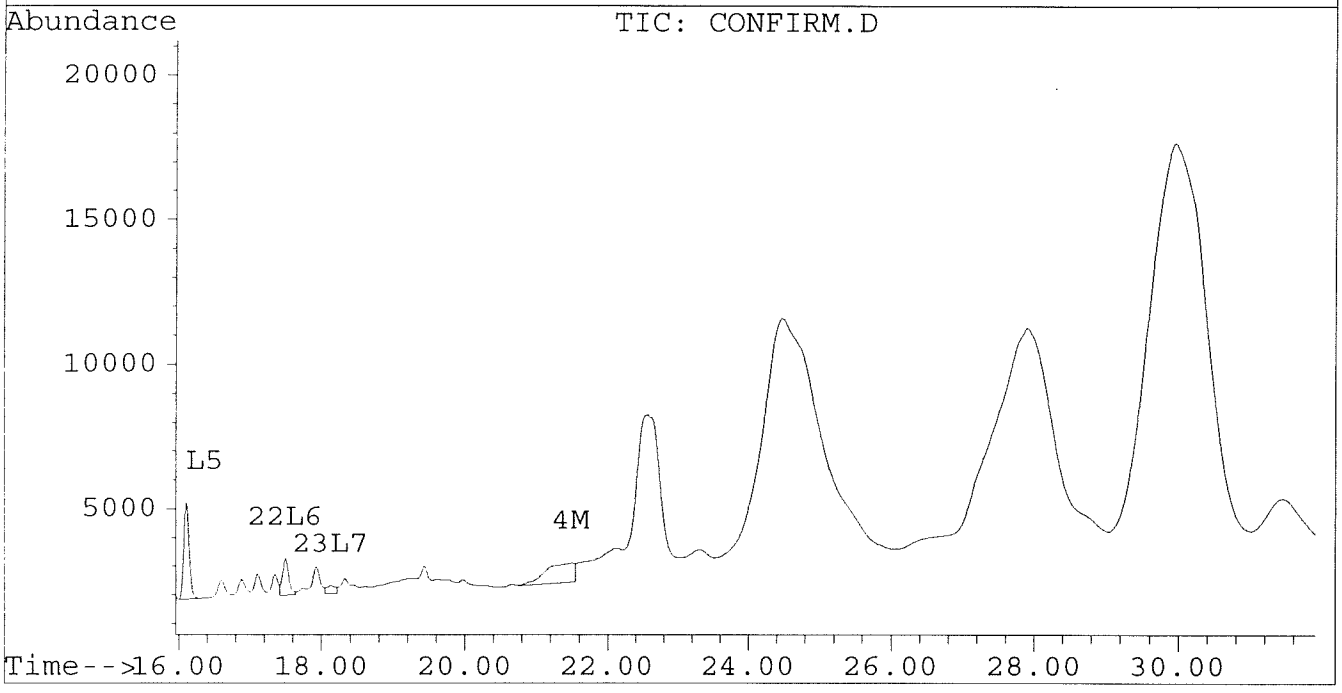
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621G.D Vial: 27
Signal #2 : D:\HPCHEM\5\JUN21\PS0621G.D\CONFIRM.D
Acq On : 22 Jun 96 09:19 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 9:52 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JUN21\PS0621H.D Vial: 28
Signal #2 : D:\HPCHEM\5\JUN21\PS0621H.D\CONFIRM.D
Acq On : 22 Jun 96 09:54 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 10:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	4.03	6.38	4711	3689	0.019	0.017	
				Recovery	=	47.50%	42.50%	
2)	S Decachlorobiphenyl	22.20	30.19	3896	7708	0.023	0.097	#
				Recovery	=	57.50%	242.50%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.19	11.58	341	262	0.003	0.002	
4)	M 2,2',3,3',4,4'-Hexa	16.91	21.49	3336	2736	0.018	0.017	
5)	L1 Aroclor-1016	6.77	8.73	186	65	0.006	0.005	
6)	L1 Aroclor-1016 {2}	8.90	10.25	101	155	0.006	0.006	
7)	L1 Aroclor-1016 {3}	9.26f	12.18	6095	117	0.232	0.007	#
	Total Aroclor-1016			6382	337	0.244	0.017	
	Average Aroclor-1016					0.081	0.006	
8)	L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10)	L2 Aroclor-1221 {3}	5.65	8.73	77	65	0.006	0.006	
	Total Aroclor-1221			77	65	0.006	0.006	
	Average Aroclor-1221					0.006	0.006	
11)	L3 Aroclor-1232	5.65	8.73	77	65	0.006	0.007	
12)	L3 Aroclor-1232 {2}	6.77	10.25	186	155	0.021	0.021	
13)	L3 Aroclor-1232 {3}	8.57	12.18	125	117	0.024	0.027	
	Total Aroclor-1232			387	337	0.051	0.055	
	Average Aroclor-1232					0.017	0.018	
14)	L4 Aroclor-1242	8.19	11.58	341	262	0.009	0.010	
15)	L4 Aroclor-1242 {2}	8.90	12.18	101	117	0.008	0.010	
16)	L4 Aroclor-1242 {3}	10.04	13.94	2935	2450	0.190	0.215	
	Total Aroclor-1242			3378	2829	0.207	0.236	
	Average Aroclor-1242					0.069	0.079	
17)	L5 Aroclor-1248	9.26f	14.88	6095	3652	0.320	0.286	
18)	L5 Aroclor-1248 {2}	10.04	15.10	2935	1119	0.185	0.086	#
19)	L5 Aroclor-1248 {3}	11.33f	16.11	11316	702	0.546	0.069	#
	Total Aroclor-1248			20346	5473	1.052	0.441	
	Average Aroclor-1248					0.351	0.147	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621H.D Vial: 28
Signal #2 : D:\HPCHEM\5\JUN21\PS0621H.D\CONFIRM.D
Acq On : 22 Jun 96 09:54 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 10:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

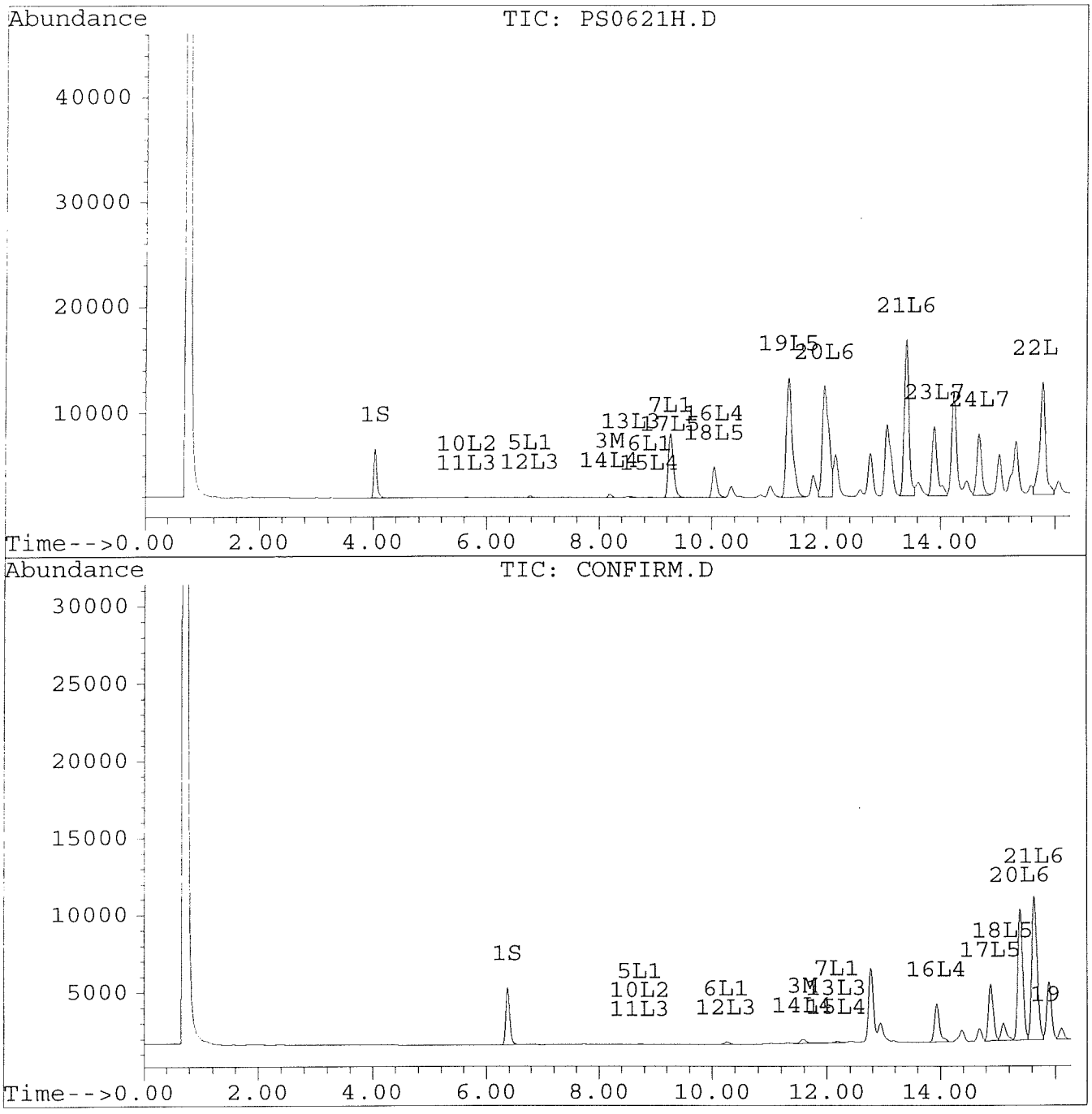
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.96	15.39	10500	8452	0.352	0.357
21) L6	Aroclor-1254 {2}	13.39	15.64	14807	9245	0.362	0.373
22) L6	Aroclor-1254 {3}	15.79	17.49	10644	13288	0.352	0.400
Total	Aroclor-1254			35950	30986	1.065	1.129
Average	Aroclor-1254					0.355	0.376
23) L7	Aroclor-1260	13.89	18.12	6575	4735	0.192	0.160
24) L7	Aroclor-1260 {2}	14.68	18.44	5833	5276	0.149	0.161
25) L7	Aroclor-1260 {3}	17.89	21.86	1815	1987	0.033	0.041
Total	Aroclor-1260			14223	11998	0.374	0.362
Average	Aroclor-1260					0.125	0.121
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.01	0.00	1490	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\JUN21\PS0621H.D Vial: 28
Signal #2 : D:\HPCHEM\5\JUN21\PS0621H.D\CONFIRM.D
Acq On : 22 Jun 96 09:54 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 10:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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



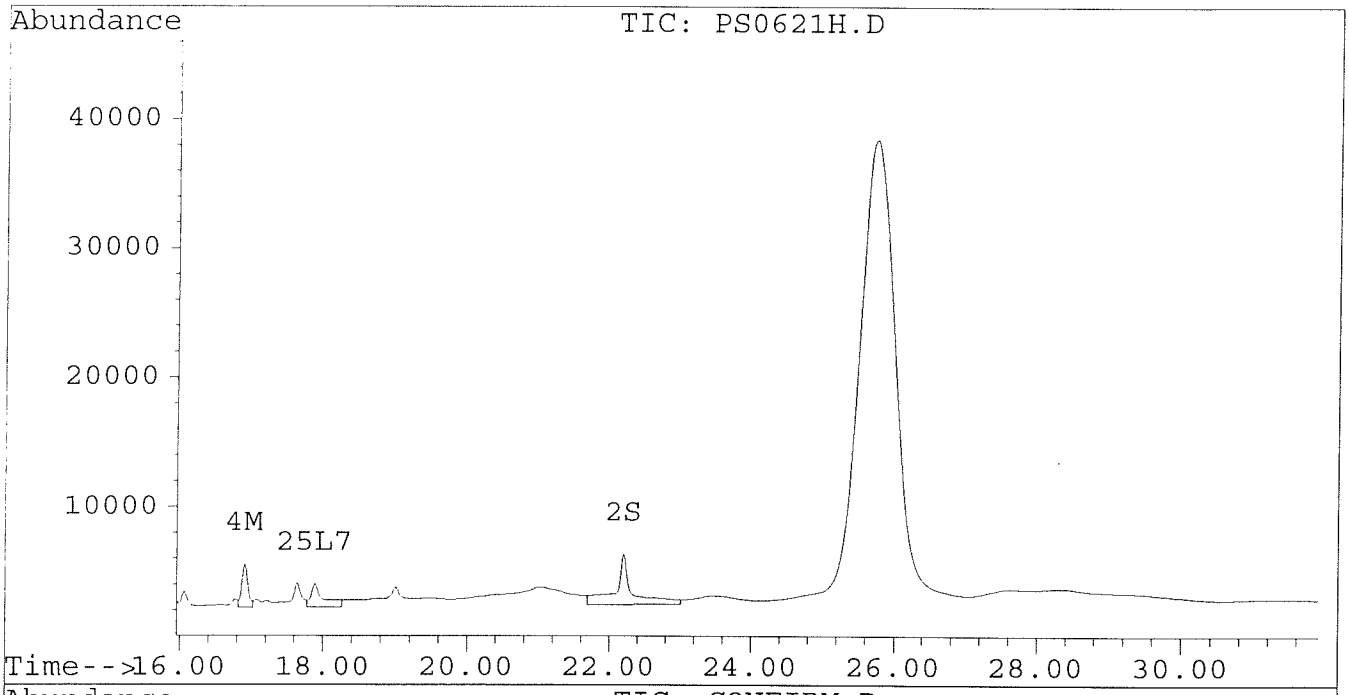
Quantitation Report

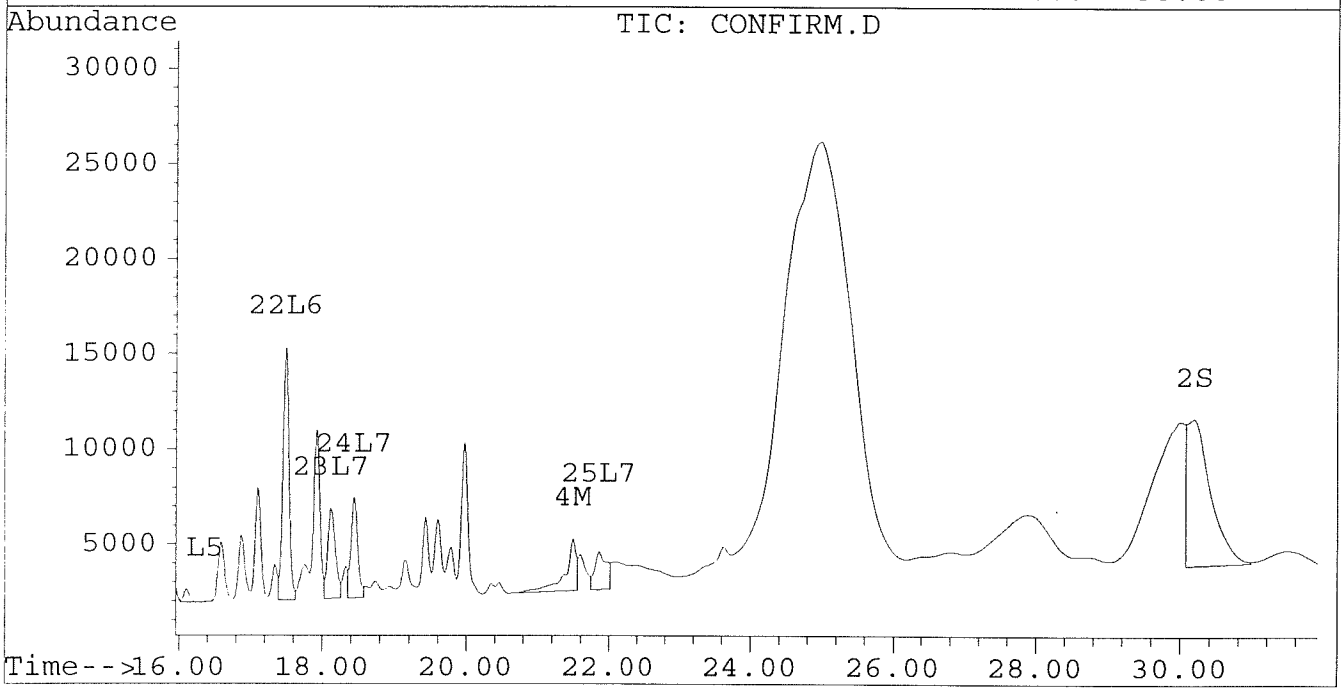
Signal #1 : D:\HPCHEM\5\JUN21\PS0621H.D
Signal #2 : D:\HPCHEM\5\JUN21\PS0621H.D\CONFIRM.D
Acq On : 22 Jun 96 09:54 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jun 22 10:28 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621I.D Vial: 29
Signal #2 : D:\HPCHEM\5\JUN21\PS0621I.D\CONFIRM.D
Acq On : 22 Jun 96 10:30 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 11:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	4.03	6.38	4497	3605	0.018	0.017
				Recovery	=	45.00%	42.50%
2) S	Decachlorobiphenyl	22.21	0.00	3398	0	0.020	N.D. #
				Recovery	=	50.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.19	11.58	19297	13772	0.158	0.128
4) M	2,2',3,3',4,4'-Hexa	16.92	21.53	8970	2173	0.049	0.014 #
5) L1	Aroclor-1016	6.77	8.73	10827	4532	0.327	0.333
6) L1	Aroclor-1016 {2}	8.90	10.25	5703	9041	0.320	0.330
7) L1	Aroclor-1016 {3}	9.30	12.17	8992	5770	0.343	0.344
	Total Aroclor-1016			25522	19343	0.990	1.008
	Average Aroclor-1016					0.330	0.336
8) L2	Aroclor-1221	5.05	7.96	771	676	0.159	0.161
9) L2	Aroclor-1221 {2}	5.48	8.50	1109	935	0.273	0.278
10) L2	Aroclor-1221 {3}	5.65	8.73	5496	4532	0.396	0.442
	Total Aroclor-1221			7376	6144	0.828	0.881
	Average Aroclor-1221					0.276	0.294
11) L3	Aroclor-1232	5.65	8.73	5496	4532	0.457	0.499
12) L3	Aroclor-1232 {2}	6.77	10.25	10827	9041	1.242	1.208
13) L3	Aroclor-1232 {3}	8.58	12.17	7052	5770	1.343	1.346
	Total Aroclor-1232			23375	19343	3.042	3.053
	Average Aroclor-1232					1.014	1.018
14) L4	Aroclor-1242	8.19	11.58	19297	13772	0.499	0.530
15) L4	Aroclor-1242 {2}	8.90	12.17	5703	5770	0.471	0.500
16) L4	Aroclor-1242 {3}	10.05	13.93	7105	4923	0.459	0.433
	Total Aroclor-1242			32105	24466	1.429	1.463
	Average Aroclor-1242					0.476	0.488
17) L5	Aroclor-1248	9.30	14.89	8992	763	0.473	0.060 #
18) L5	Aroclor-1248 {2}	10.05	15.09	7105	1359	0.448	0.104 #
19) L5	Aroclor-1248 {3}	11.33f	16.11	4608	182	0.222	0.018 #
	Total Aroclor-1248			20705	2305	1.143	0.182
	Average Aroclor-1248					0.381	0.061

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621I.D Vial: 29
Signal #2 : D:\HPCHEM\5\JUN21\PS0621I.D\CONFIRM.D
Acq On : 22 Jun 96 10:30 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 11:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.39	4529	3869	0.152	0.163
21) L6 Aroclor-1254 {2}	13.41	15.63	6802	4045	0.166	0.163
22) L6 Aroclor-1254 {3}	15.79	17.48f	12291	5980	0.406	0.180 #
Total Aroclor-1254			23621	13894	0.724	0.506
Average Aroclor-1254					0.241	0.169
23) L7 Aroclor-1260	13.89	18.12	11293	9902	0.330	0.335
24) L7 Aroclor-1260 {2}	14.68	18.44	12953	11395	0.330	0.347
25) L7 Aroclor-1260 {3}	17.89	21.85	17125	17051	0.314	0.349
Total Aroclor-1260			41371	38348	0.973	1.032
Average Aroclor-1260					0.324	0.344
26) L8 Aroclor-1268	18.83	23.28f	3367	4487	NoCal	NoCal
27) L8 Aroclor-1268 {2}	19.00	0.00	11115	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78	0.00	1354	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.

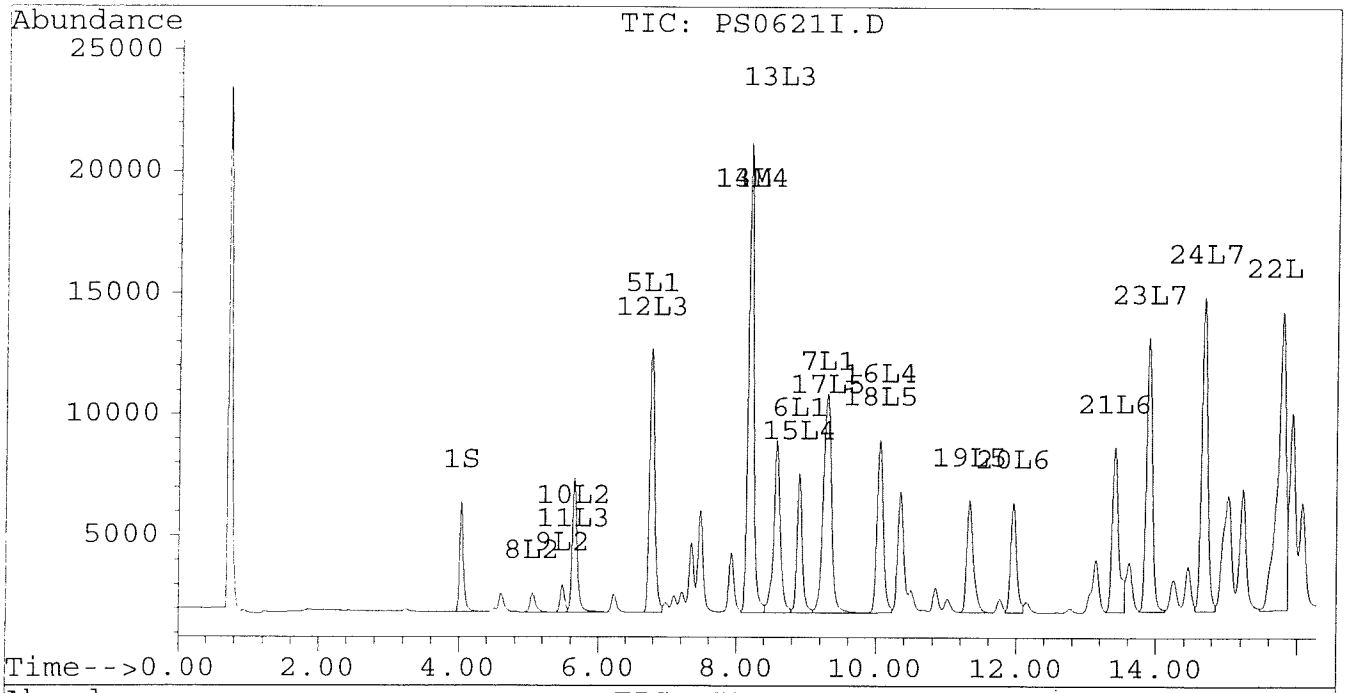
Quantitation Report

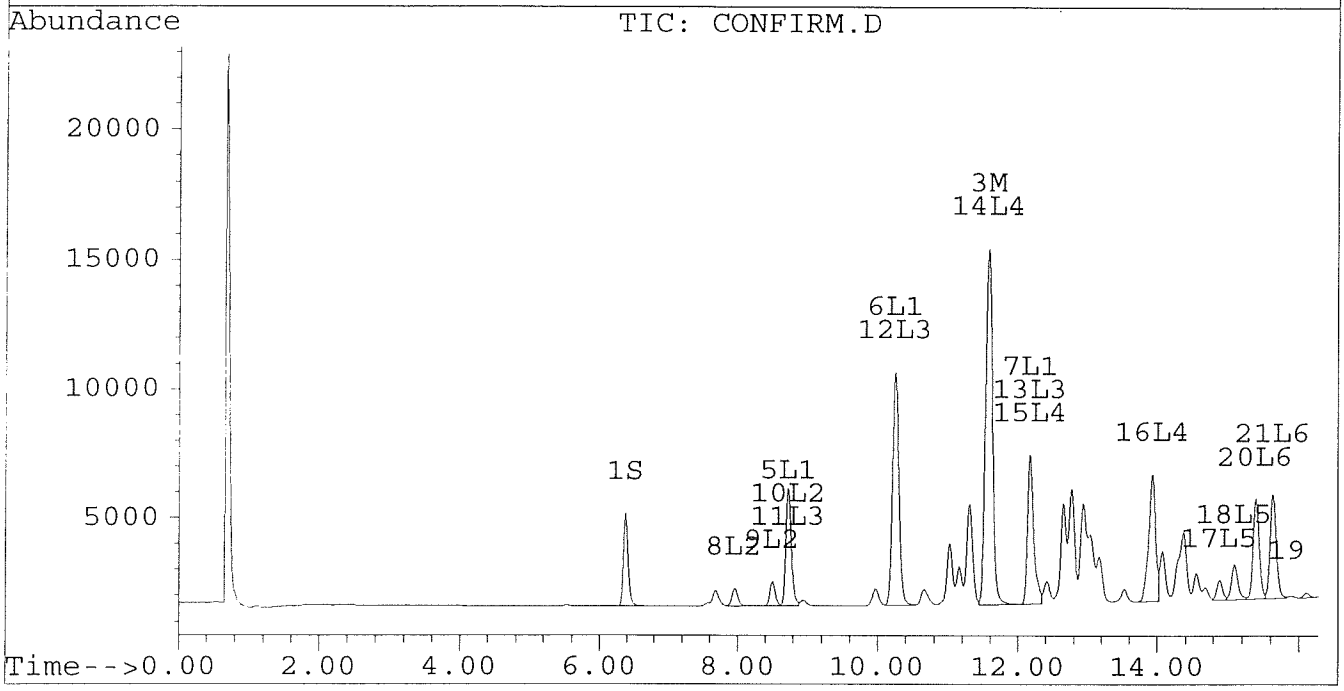
Signal #1 : D:\HPCHEM\5\JUN21\PS0621I.D
Signal #2 : D:\HPCHEM\5\JUN21\PS0621I.D\CONFIRM.D
Acq On : 22 Jun 96 10:30 AM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jun 22 11:03 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

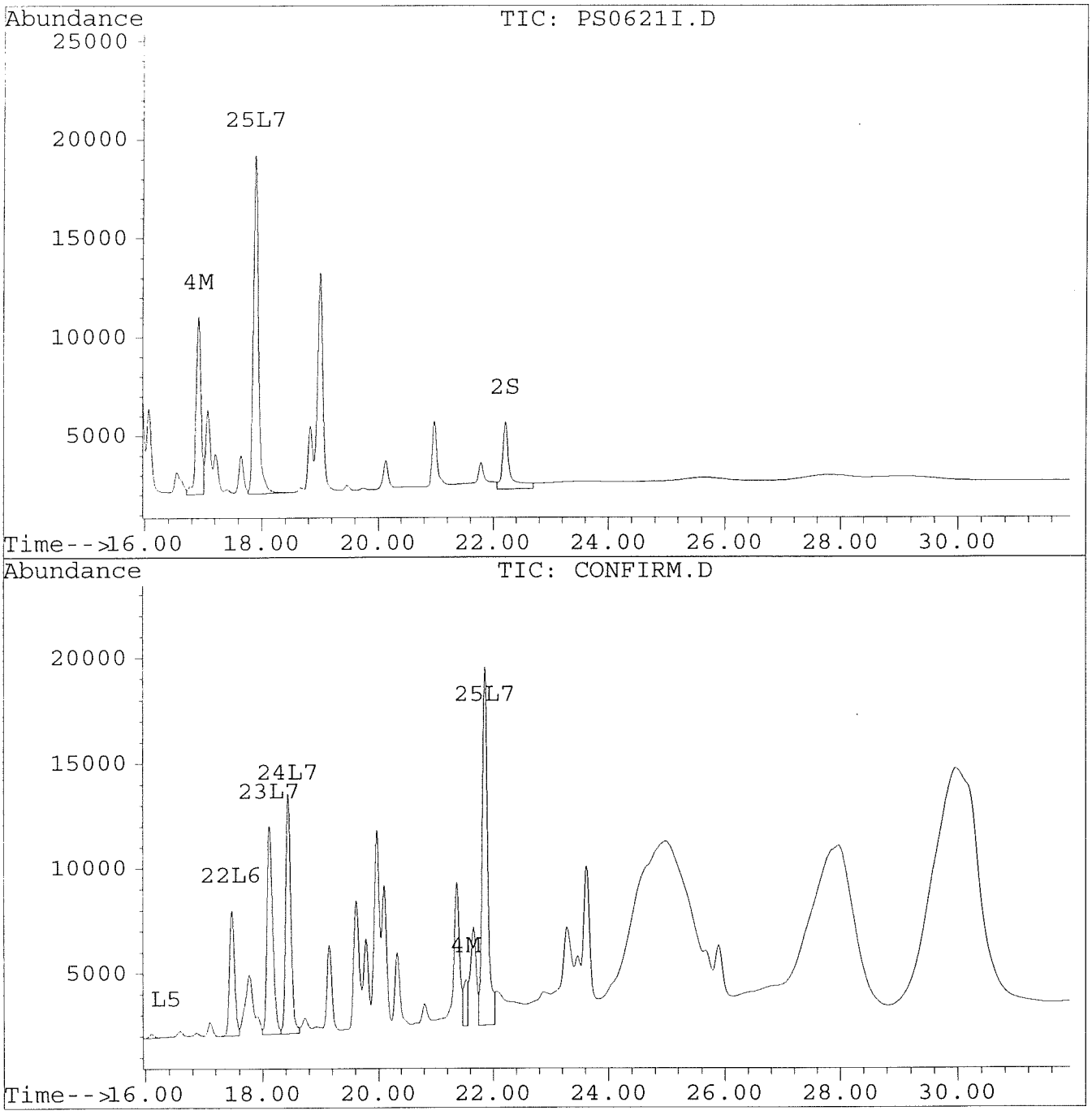




Signal #1 : D:\HPCHEM\5\JUN21\PS0621I.D Vial: 29
Signal #2 : D:\HPCHEM\5\JUN21\PS0621I.D\CONFIRM.D
Acq On : 22 Jun 96 10:30 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 11:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JUN21\PS0621J.D Vial: 40
Signal #2 : D:\HPCHEM\5\JUN21\PS0621J.D\CONFIRM.D
Acq On : 22 Jun 96 05:00 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 17:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	4.03	6.38	4472	3598	0.018	0.017
				Recovery	=	45.00%	42.50%
2) S	Decachlorobiphenyl	22.21	30.24	4734	2601	0.028	0.033
				Recovery	=	70.00%	82.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.19	11.58	14169	10054	0.116	0.094
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.	N.D.
5) L1	Aroclor-1016	6.77	8.73	8105	3891	0.245	0.286
6) L1	Aroclor-1016 (2)	8.90	10.25	4124	6764	0.231	0.247
7) L1	Aroclor-1016 (3)	9.30	12.18	6659	4198	0.254	0.250
	Total Aroclor-1016			18888	14853	0.730	0.784
	Average Aroclor-1016					0.243	0.261
8) L2	Aroclor-1221	5.06	7.96	710	614	0.147	0.146
9) L2	Aroclor-1221 (2)	5.48	8.50	1001	834	0.246	0.248
10) L2	Aroclor-1221 (3)	5.65	8.73	4767	3891	0.344	0.379
	Total Aroclor-1221			6477	5338	0.737	0.773
	Average Aroclor-1221					0.246	0.258
11) L3	Aroclor-1232	5.65	8.73	4767	3891	0.397	0.429
12) L3	Aroclor-1232 (2)	6.77	10.25	8105	6764	0.930	0.904
13) L3	Aroclor-1232 (3)	8.58	12.18	5220	4198	0.994	0.979
	Total Aroclor-1232			18092	14853	2.320	2.311
	Average Aroclor-1232					0.773	0.770
14) L4	Aroclor-1242	8.19	11.58	14169	10054	0.366	0.387
15) L4	Aroclor-1242 (2)	8.90	12.18	4124	4198	0.341	0.364
16) L4	Aroclor-1242 (3)	10.05	13.93	5552	3970	0.359	0.349
	Total Aroclor-1242			23845	18221	1.066	1.100
	Average Aroclor-1242					0.355	0.367
17) L5	Aroclor-1248	9.30	14.89	6659	4003	0.350	0.314
18) L5	Aroclor-1248 (2)	10.05	15.10	5552	4607	0.350	0.354
19) L5	Aroclor-1248 (3)	11.38	16.11	6513	3628	0.314	0.356
	Total Aroclor-1248			18724	12237	1.014	1.023
	Average Aroclor-1248					0.338	0.341

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621J.D Vial: 40
Signal #2 : D:\HPCHEM\5\JUN21\PS0621J.D\CONFIRM.D
Acq On : 22 Jun 96 05:00 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 17:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	15.40	0	1158	N.D.	0.049 #
21) L6	Aroclor-1254 {2}	13.40	15.64	1375	1290	0.034	0.052 #
22) L6	Aroclor-1254 {3}	15.79	17.49	195	1803	0.006	0.054 #
Total	Aroclor-1254			1569	4251	0.040	0.155
Average	Aroclor-1254					0.020	0.052
23) L7	Aroclor-1260	13.88	18.12	735	581	0.021	0.020
24) L7	Aroclor-1260 {2}	14.68	18.44	233	538	0.006	0.016 #
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			967	1119	0.027	0.036
Average	Aroclor-1260					0.014	0.018
26) L8	Aroclor-1268	0.00	23.33	0	1600	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.

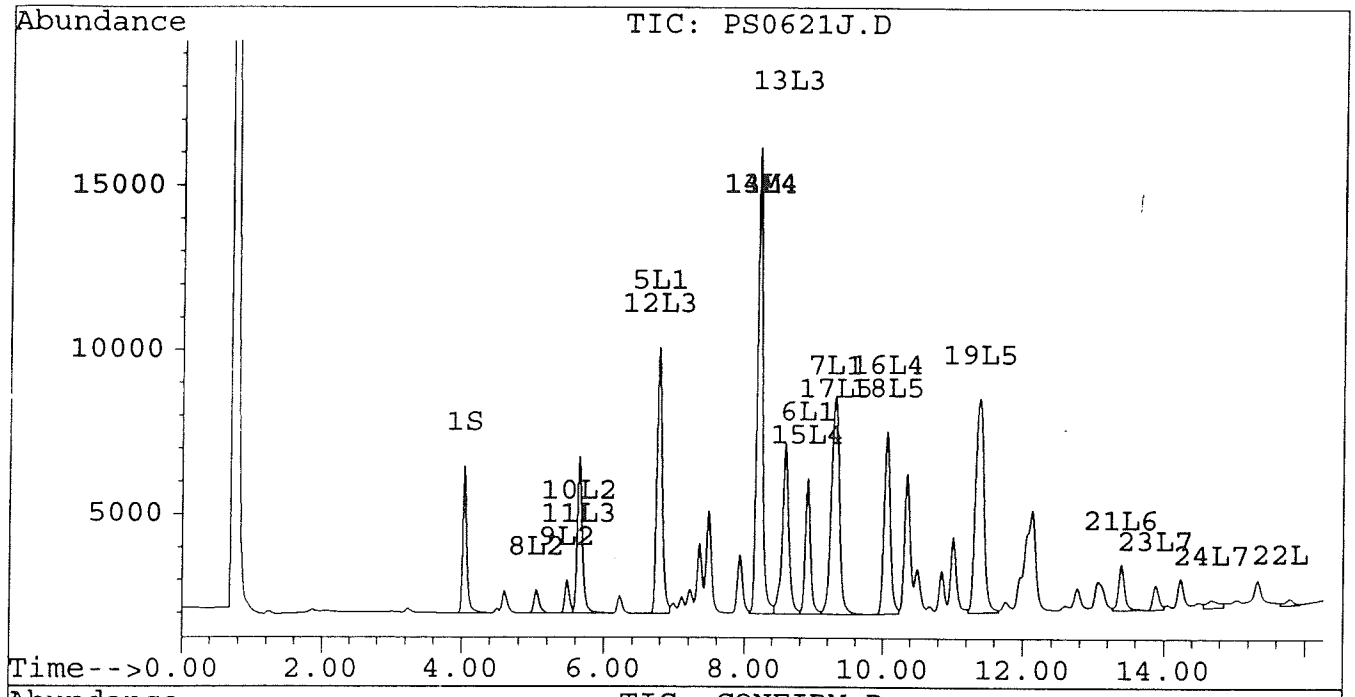
Quantitation Report

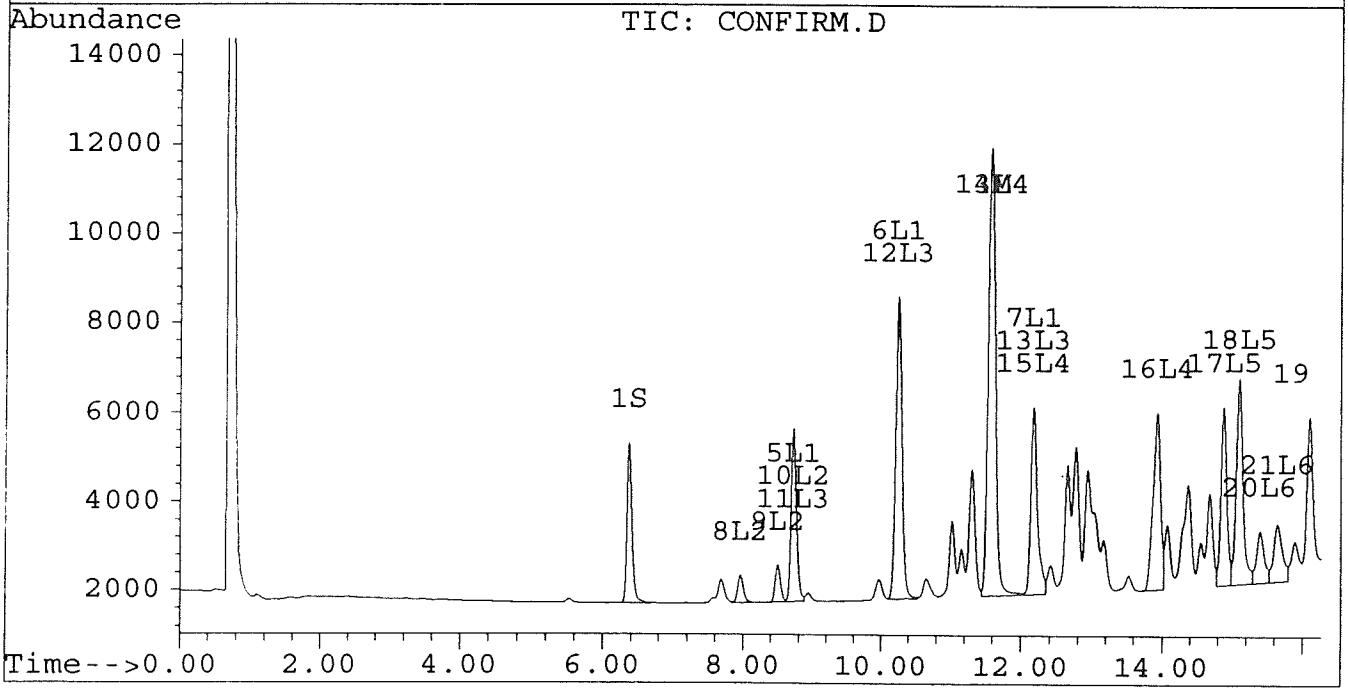
Signal #1 : D:\HPCHEM\5\JUN21\PS0621J.D
Signal #2 : D:\HPCHEM\5\JUN21\PS0621J.D\CONFIRM.D
Acq On : 22 Jun 96 05:00 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jun 22 17:34 1996

Vial: 40
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621K.D
Signal #2 : D:\HPCHEM\5\JUN21\PS0621K.D\CONFIRM.D
Acq On : 22 Jun 96 05:36 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jun 22 18:10 1996

Vial: 41

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.96	15.40	10243	8312	0.343	0.351
21) L6	Aroclor-1254 {2}	13.40	15.64	14285	9143	0.349	0.368
22) L6	Aroclor-1254 {3}	15.79	17.49	10043	12772	0.332	0.384
Total	Aroclor-1254			34571	30227	1.024	1.103
Average	Aroclor-1254					0.341	0.368
23) L7	Aroclor-1260	13.89	18.12	6342	4631	0.185	0.157
24) L7	Aroclor-1260 {2}	14.68	18.44	5612	5038	0.143	0.153
25) L7	Aroclor-1260 {3}	17.89	21.86	1909	1846	0.035	0.038
Total	Aroclor-1260			13863	11514	0.363	0.348
Average	Aroclor-1260					0.121	0.116
26) L8	Aroclor-1268	0.00	23.36f	0	1343	N.D.	NoCal
27) L8	Aroclor-1268 {2}	19.01	0.00	1175	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\JUN21\PS0621K.D
Signal #2 : D:\HPCHEM\5\JUN21\PS0621K.D\CONFIRM.D
Acq On : 22 Jun 96 05:36 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jun 22 18:10 1996

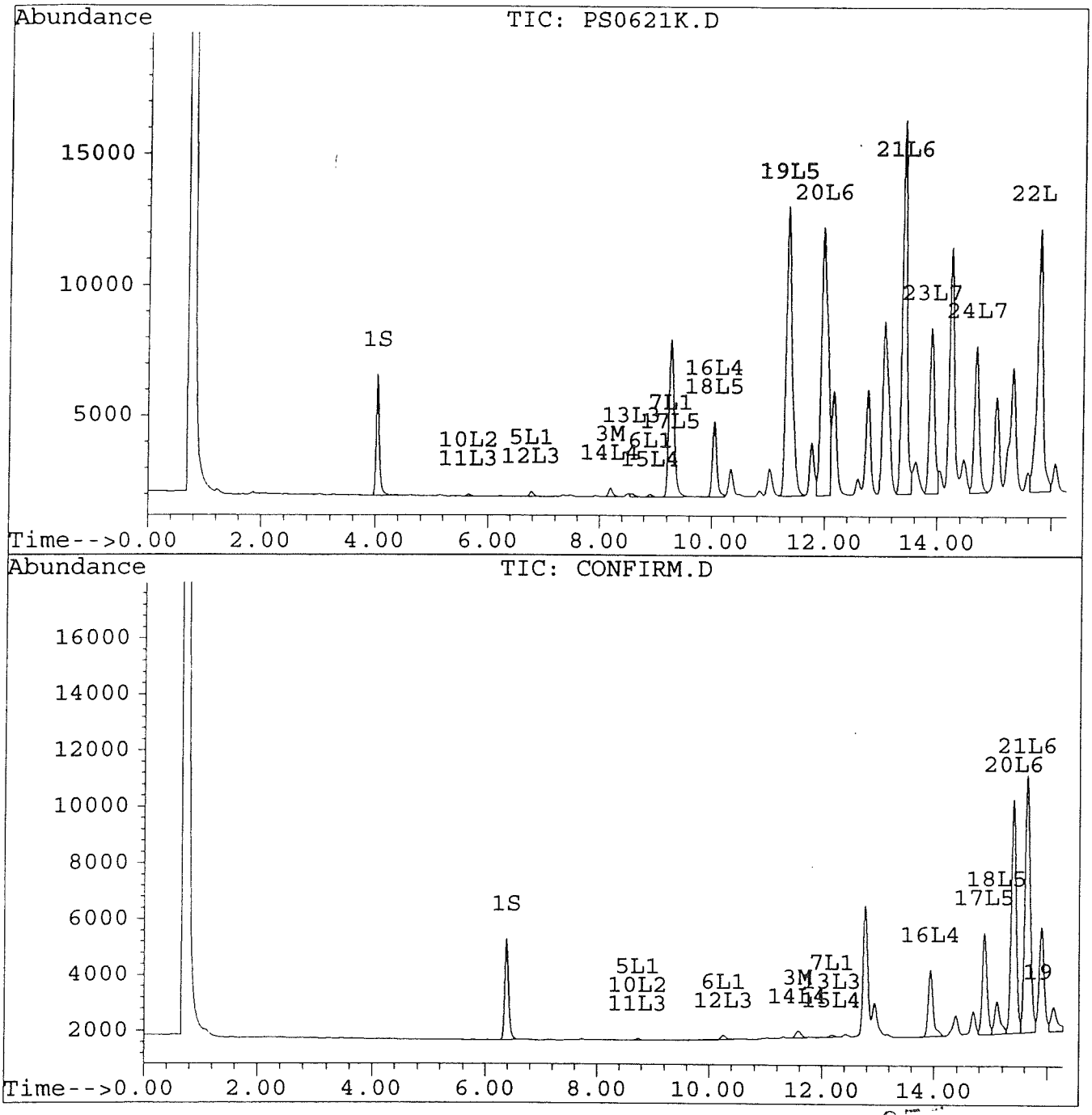
Vial: 41

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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



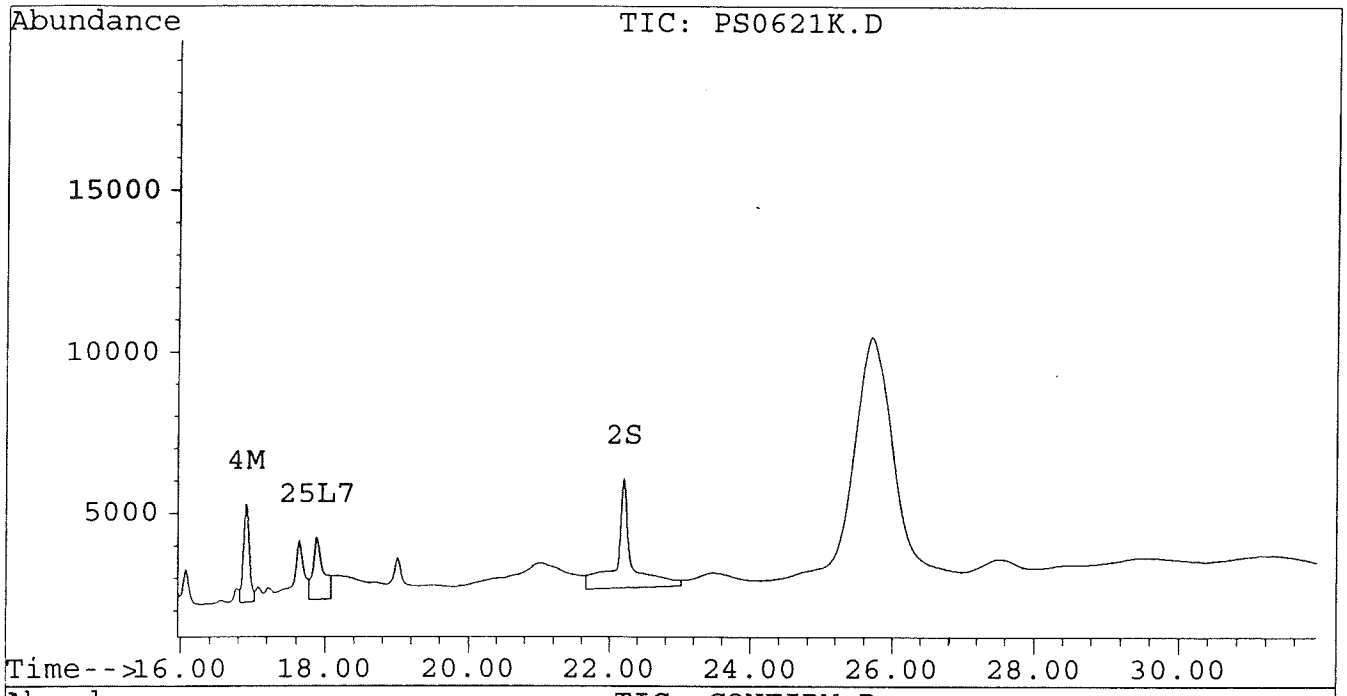
Quantitation Report

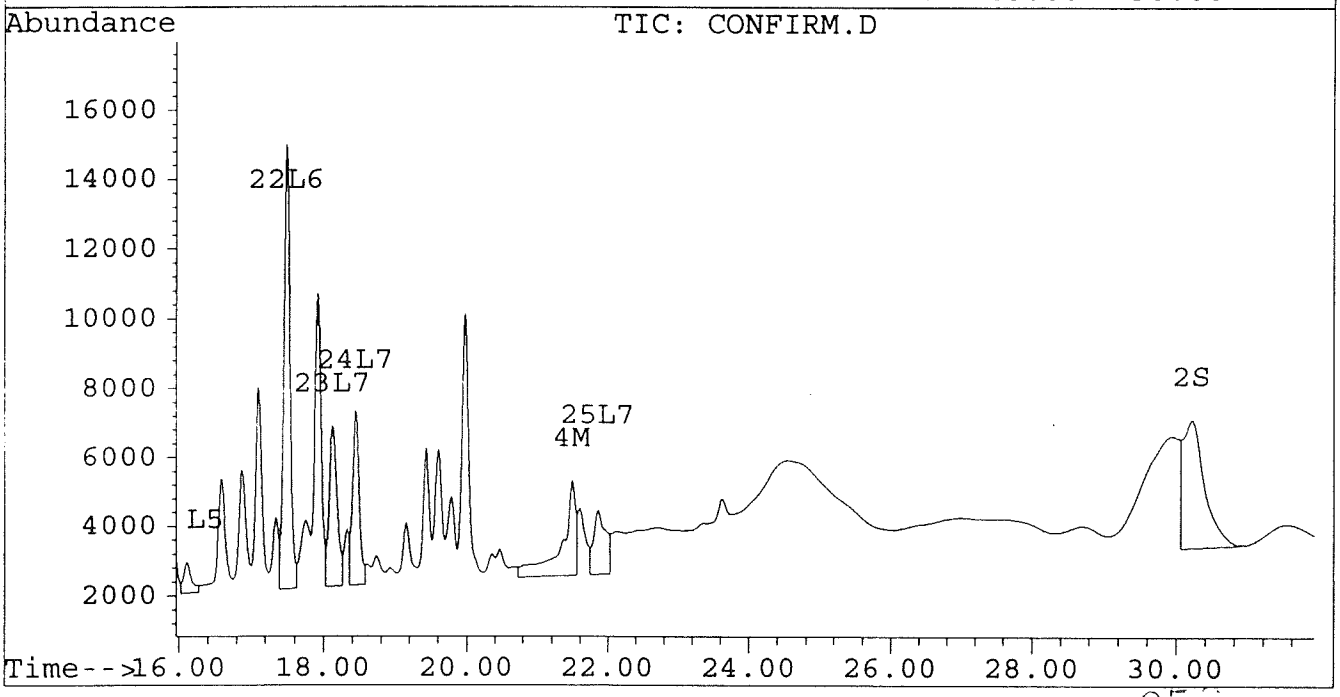
Signal #1 : D:\HPCHEM\5\JUN21\PS0621K.D
Signal #2 : D:\HPCHEM\5\JUN21\PS0621K.D\CONFIRM.D
Acq On : 22 Jun 96 05:36 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jun 22 18:10 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621L.D Vial: 42
Signal #2 : D:\HPCHEM\5\JUN21\PS0621L.D\CONFIRM.D
Acq On : 22 Jun 96 06:12 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 18:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	4.03	6.38	4614	3649	0.018	0.017	
				Recovery	=	45.00%	42.50%	
2) S	Decachlorobiphenyl	22.21	30.22	3338	3520	0.020	0.044	#
				Recovery	=	50.00%	110.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.19	11.58	19417	13672	0.159	0.127	
4) M	2,2',3,3',4,4'-Hexa	16.92	21.53	8848	2218	0.048	0.014	#
5) L1	Aroclor-1016	6.77	8.73	10942	4576	0.331	0.336	
6) L1	Aroclor-1016 (2)	8.90	10.25	5767	9116	0.324	0.333	
7) L1	Aroclor-1016 (3)	9.30	12.18	9069	5822	0.346	0.347	
Total	Aroclor-1016			25778	19514	1.000	1.017	
Average	Aroclor-1016					0.333	0.339	
8) L2	Aroclor-1221	5.05	7.96	785	685	0.162	0.163	
9) L2	Aroclor-1221 (2)	5.48	8.50	1125	944	0.277	0.281	
10) L2	Aroclor-1221 (3)	5.65	8.73	5579	4576	0.402	0.446	
Total	Aroclor-1221			7488	6205	0.841	0.890	
Average	Aroclor-1221					0.280	0.297	
11) L3	Aroclor-1232	5.65	8.73	5579	4576	0.464	0.504	
12) L3	Aroclor-1232 (2)	6.77	10.25	10942	9116	1.255	1.218	
13) L3	Aroclor-1232 (3)	8.58	12.18	7122	5822	1.356	1.358	
Total	Aroclor-1232			23644	19514	3.076	3.080	
Average	Aroclor-1232					1.025	1.027	
14) L4	Aroclor-1242	8.19	11.58	19417	13672	0.502	0.526	
15) L4	Aroclor-1242 (2)	8.90	12.18	5767	5822	0.476	0.505	
16) L4	Aroclor-1242 (3)	10.05	13.93	7101	4866	0.459	0.428	
Total	Aroclor-1242			32285	24360	1.437	1.459	
Average	Aroclor-1242					0.479	0.486	
17) L5	Aroclor-1248	9.30	14.89	9069	723	0.477	0.057	#
18) L5	Aroclor-1248 (2)	10.05	15.10	7101	1296	0.448	0.099	#
19) L5	Aroclor-1248 (3)	11.33f	16.11	4623	176	0.223	0.017	#
Total	Aroclor-1248			20793	2195	1.147	0.173	
Average	Aroclor-1248					0.382	0.058	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621L.D Vial: 42
Signal #2 : D:\HPCHEM\5\JUN21\PS0621L.D\CONFIRM.D
Acq On : 22 Jun 96 06:12 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 18:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	11.96	15.40	4533	3766	0.152	0.159	
21) L6	Aroclor-1254 {2}	13.41	15.64	6815	3943	0.166	0.159	
22) L6	Aroclor-1254 {3}	15.79	17.48	12206	5903	0.403	0.178	#
Total	**Aroclor-1254**			**23555**	**13611**	**0.722**	**0.495**	
Average	**Aroclor-1254**					**0.241**	**0.165**	
23) L7	Aroclor-1260	13.90	18.12	11146	9775	0.326	0.331	
24) L7	Aroclor-1260 {2}	14.68	18.44	12828	11197	0.327	0.341	
25) L7	Aroclor-1260 {3}	17.89	21.85	16747	16382	0.307	0.336	
Total	Aroclor-1260			40721	37353	0.959	1.008	
Average	Aroclor-1260					0.320	0.336	
26) L8	Aroclor-1268	18.83	23.28f	3218	3880	NoCal	NoCal	
27) L8	Aroclor-1268 {2}	19.00	0.00	10836	0	NoCal	N.D.	
28) L8	Aroclor-1268 {3}	21.79	0.00	1285	0	NoCal	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

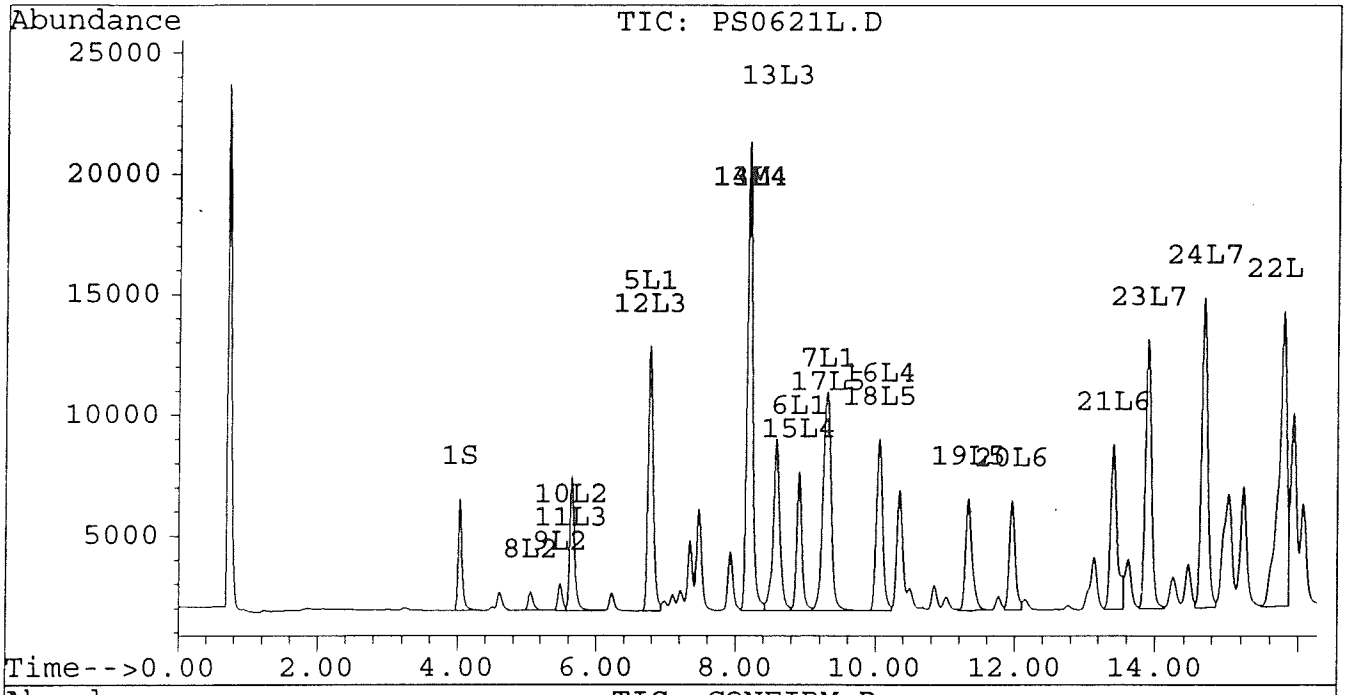
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

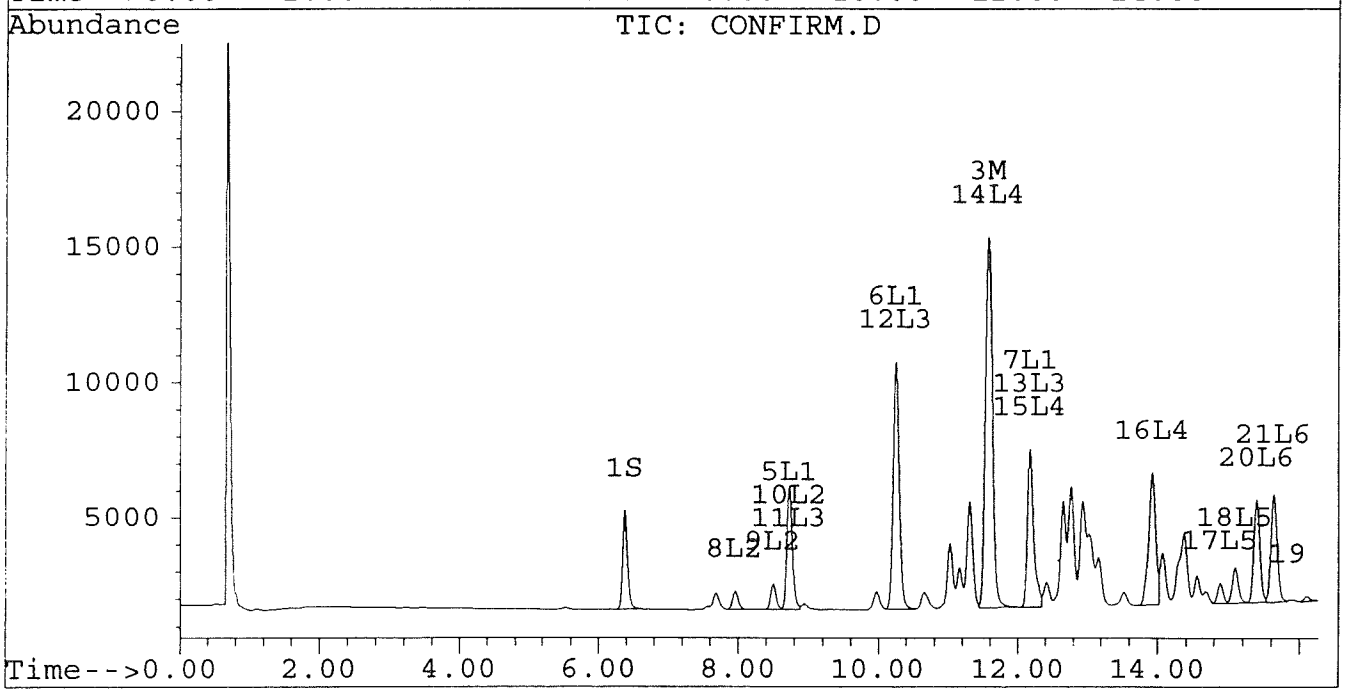
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621L.D Vial: 42
Signal #2 : D:\HPCHEM\5\JUN21\PS0621L.D\CONFIRM.D
Acq On : 22 Jun 96 06:12 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 18:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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



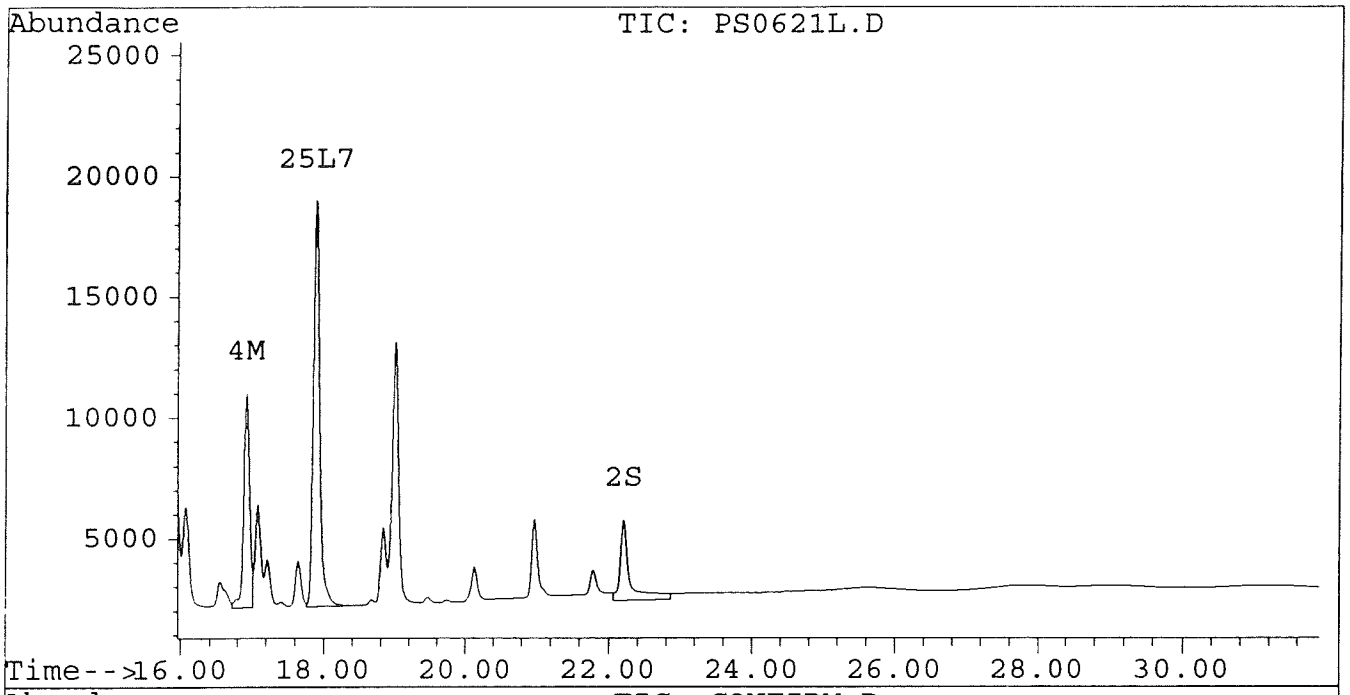


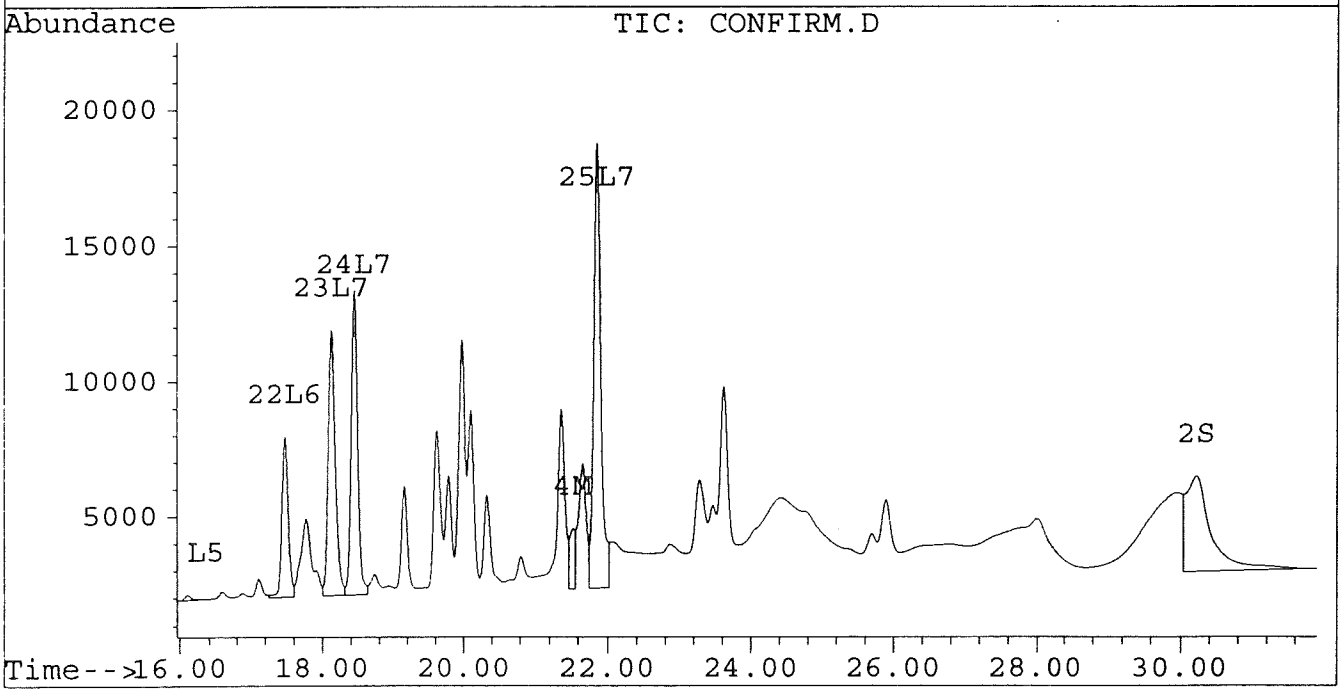
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621L.D Vial: 42
Signal #2 : D:\HPCHEM\5\JUN21\PS0621L.D\CONFIRM.D
Acq On : 22 Jun 96 06:12 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 18:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JUN21\PS0621M.D Vial: 49
Signal #2 : D:\HPCHEM\5\JUN21\PS0621M.D\CONFIRM.D
Acq On : 22 Jun 96 10:21 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 22:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	6.38	4368	3566	0.017	0.017
					Recovery	=	42.50%	42.50%
2)	S	Decachlorobiphenyl	22.21	30.24	2797	1204	0.016	0.015
					Recovery	=	40.00%	37.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.19	11.58	14019	10023	0.115	0.093
4)	M	2,2',3,3',4,4'-Hexa	16.92	21.50	120	147	0.001	0.001 #
5)	L1	Aroclor-1016	6.77	8.73	8050	3900	0.243	0.287
6)	L1	Aroclor-1016 (2)	8.91	10.25	4079	6794	0.229	0.248
7)	L1	Aroclor-1016 (3)	9.30	12.18	6604	4241	0.252	0.253
	Total	Aroclor-1016			18733	14935	0.724	0.788
Average		Aroclor-1016					0.241	0.263
8)	L2	Aroclor-1221	5.06	7.96	706	620	0.146	0.148
9)	L2	Aroclor-1221 (2)	5.48	8.50	996	848	0.245	0.252
10)	L2	Aroclor-1221 (3)	5.65	8.73	4730	3900	0.341	0.380
	Total	Aroclor-1221			6432	5368	0.732	0.780
Average		Aroclor-1221					0.244	0.260
11)	L3	Aroclor-1232	5.65	8.73	4730	3900	0.394	0.430
12)	L3	Aroclor-1232 (2)	6.77	10.25	8050	6794	0.923	0.907
13)	L3	Aroclor-1232 (3)	8.58	12.18	5160	4241	0.983	0.989
	Total	Aroclor-1232			17941	14935	2.300	2.326
Average		Aroclor-1232					0.767	0.775
14)	L4	Aroclor-1242	8.19	11.58	14019	10023	0.362	0.386
15)	L4	Aroclor-1242 (2)	8.91	12.18	4079	4241	0.337	0.368
16)	L4	Aroclor-1242 (3)	10.05	13.93	5489	4014	0.355	0.353
	Total	Aroclor-1242			23588	18278	1.054	1.106
Average		Aroclor-1242					0.351	0.369
17)	L5	Aroclor-1248	9.30	14.89	6604	3925	0.347	0.308
18)	L5	Aroclor-1248 (2)	10.05	15.10	5489	4472	0.346	0.343
19)	L5	Aroclor-1248 (3)	11.38	16.10	6390	3295	0.308	0.324
	Total	Aroclor-1248			18483	11692	1.001	0.974
Average		Aroclor-1248					0.334	0.325

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621M.D Vial: 49
Signal #2 : D:\HPCHEM\5\JUN21\PS0621M.D\CONFIRM.D
Acq On : 22 Jun 96 10:21 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 22:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	15.40	0	963	N.D.	0.041 #
21) L6 Aroclor-1254 {2}	13.40	15.65	1303	1055	0.032	0.043 #
22) L6 Aroclor-1254 {3}	15.79	17.49	165	1205	0.005	0.036 #
Total Aroclor-1254			**1468**	**3224**	**0.037**	**0.119**
Average Aroclor-1254					**0.019**	**0.040**
23) L7 Aroclor-1260	13.89	18.13	742	112	0.022	0.004 #
24) L7 Aroclor-1260 {2}	14.69	0.00	107	0	0.003	N.D. #
25) L7 Aroclor-1260 {3}	17.90	0.00	22	0	0.000	N.D. #
Total Aroclor-1260			872	112	0.025	0.004
Average Aroclor-1260					0.008	0.004
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.02	0.00	26	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

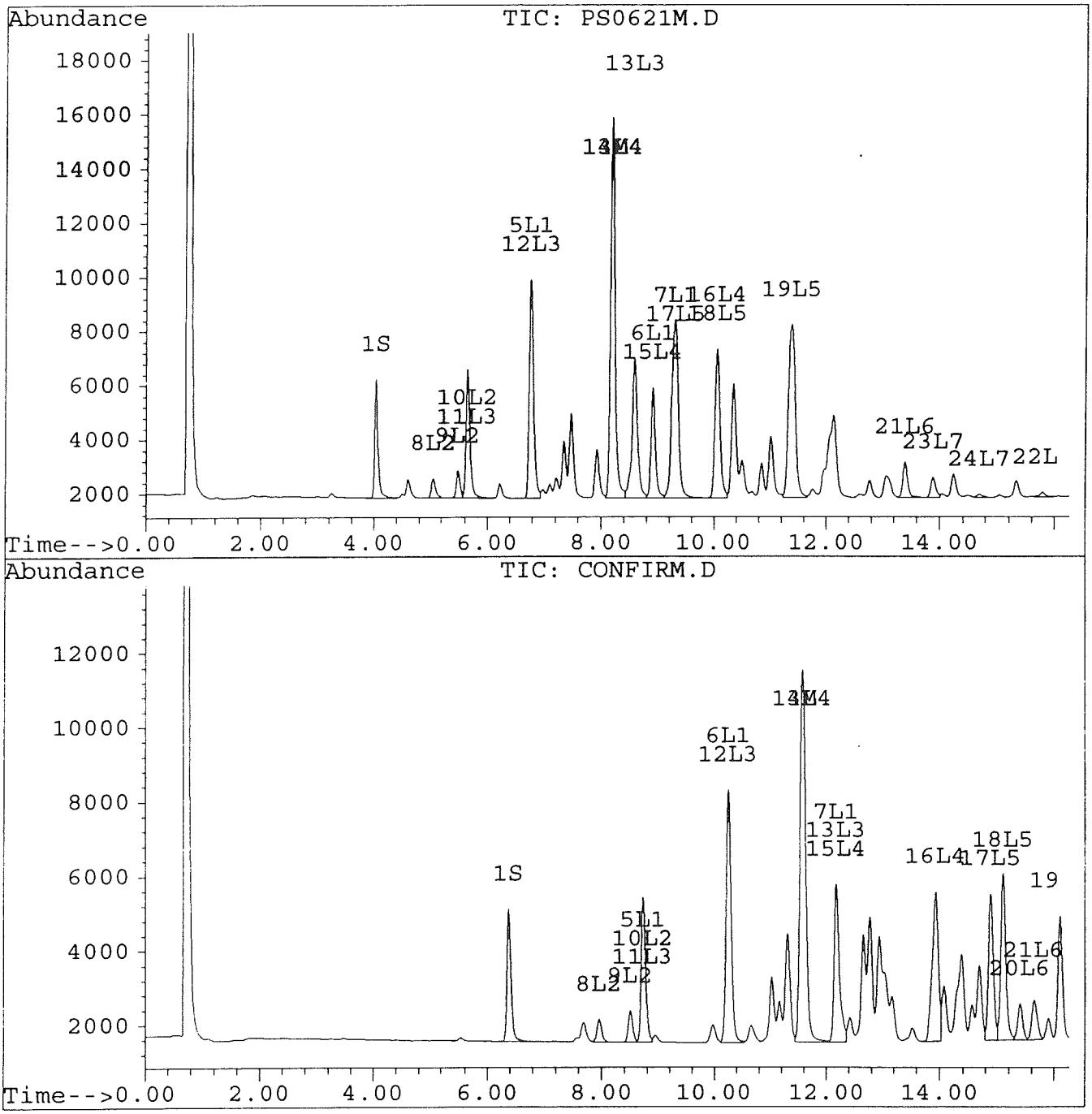
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621M.D Vial: 49
Signal #2 : D:\HPCHEM\5\JUN21\PS0621M.D\CONFIRM.D
Acq On : 22 Jun 96 10:21 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 22:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

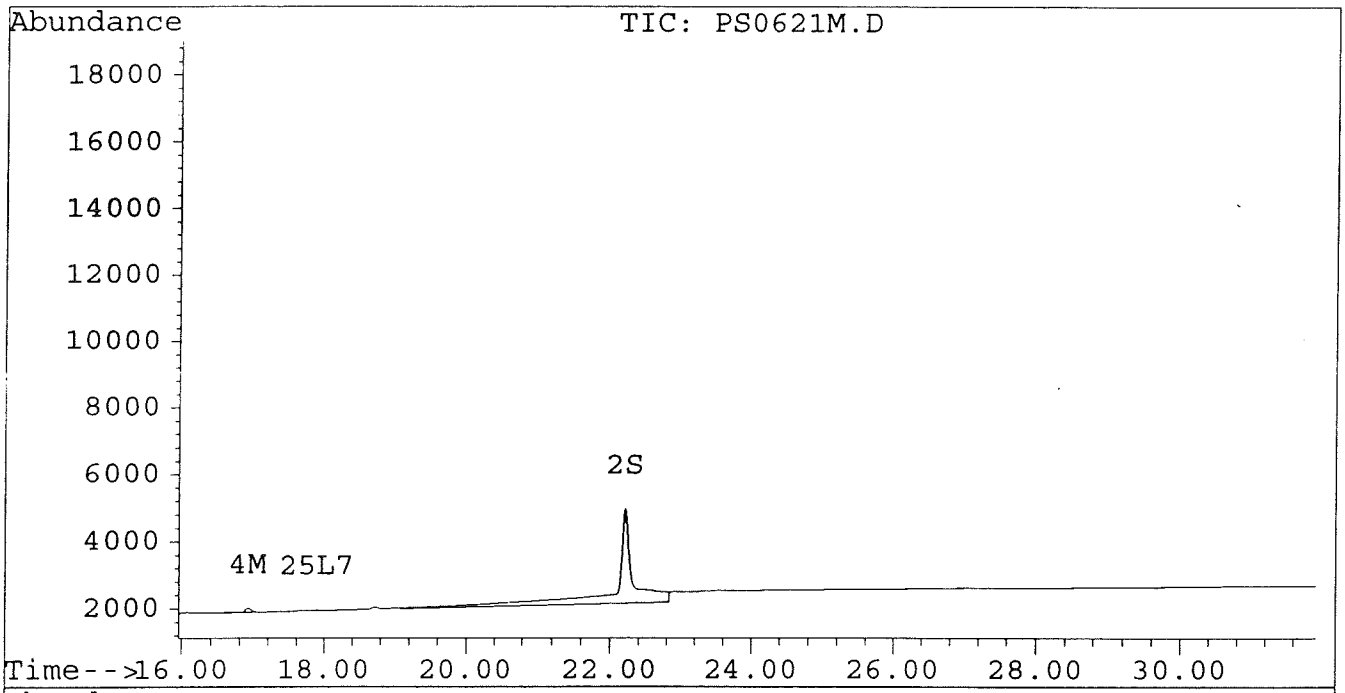


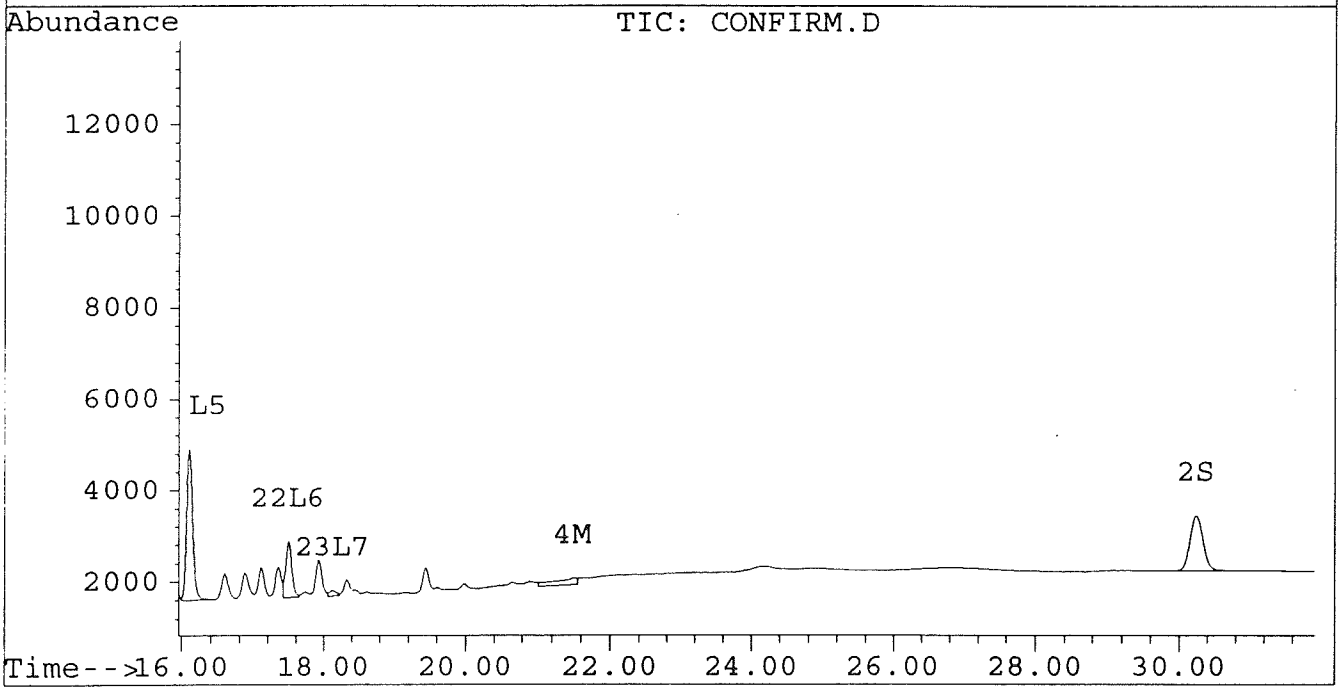
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621M.D Vial: 49
Signal #2 : D:\HPCHEM\5\JUN21\PS0621M.D\CONFIRM.D
Acq On : 22 Jun 96 10:21 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 22:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JUN21\PS0621N.D Vial: 50
Signal #2 : D:\HPCHEM\5\JUN21\PS0621N.D\CONFIRM.D
Acq On : 22 Jun 96 10:56 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 23:30 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	4.03	6.38	4426	3594	0.018	0.017	
					Recovery	=	45.00%	42.50%	
2)	S	Decachlorobiphenyl	22.21	30.22	3126	3237	0.018	0.041	#
					Recovery	=	45.00%	102.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.19	11.58	334	250	0.003	0.002	
4)	M	2,2',3,3',4,4'-Hexa	16.91	21.50	2963	2114	0.016	0.013	
5)	L1	Aroclor-1016	6.77	8.73	181	64	0.005	0.005	
6)	L1	Aroclor-1016 (2)	8.91	10.26	100	157	0.006	0.006	
7)	L1	Aroclor-1016 (3)	9.27f	12.18	6003	79	0.229	0.005	#
		Total Aroclor-1016			6284	300	0.240	0.015	
		Average Aroclor-1016					0.080	0.005	
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9)	L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.	
10)	L2	Aroclor-1221 (3)	5.65	8.73	78	64	0.006	0.006	
		Total Aroclor-1221			78	64	0.006	0.006	
		Average Aroclor-1221					0.006	0.006	
11)	L3	Aroclor-1232	5.65	8.73	78	64	0.006	0.007	
12)	L3	Aroclor-1232 (2)	6.77	10.26	181	157	0.021	0.021	
13)	L3	Aroclor-1232 (3)	8.57	12.18	126	79	0.024	0.018	
		Total Aroclor-1232			385	300	0.051	0.046	
		Average Aroclor-1232					0.017	0.015	
14)	L4	Aroclor-1242	8.19	11.58	334	250	0.009	0.010	
15)	L4	Aroclor-1242 (2)	8.91	12.18	100	79	0.008	0.007	
16)	L4	Aroclor-1242 (3)	10.04	13.94	2884	2466	0.186	0.217	
		Total Aroclor-1242			3318	2795	0.203	0.233	
		Average Aroclor-1242					0.068	0.078	
17)	L5	Aroclor-1248	9.27	14.89	6003	3648	0.315	0.286	
18)	L5	Aroclor-1248 (2)	10.04	15.10	2884	1160	0.182	0.089	#
19)	L5	Aroclor-1248 (3)	11.33	16.11	11101	741	0.536	0.073	#
		Total Aroclor-1248			19987	5549	1.033	0.448	
		Average Aroclor-1248					0.344	0.149	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621N.D Vial: 50
Signal #2 : D:\HPCHEM\5\JUN21\PS0621N.D\CONFIRM.D
Acq On : 22 Jun 96 10:56 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 23:30 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.96	15.39	10256	8347	0.344	0.352
21) L6	Aroclor-1254 {2}	13.40	15.64	14370	9155	0.351	0.369
22) L6	Aroclor-1254 {3}	15.79	17.49	10124	12797	0.335	0.385
Total	Aroclor-1254			34750	30299	1.029	1.106
Average	Aroclor-1254					0.343	0.369
23) L7	Aroclor-1260	13.89	18.12	6449	4392	0.188	0.149
24) L7	Aroclor-1260 {2}	14.68	18.44	5682	4952	0.145	0.151
25) L7	Aroclor-1260 {3}	17.89	21.86	1293	1142	0.024	0.023
Total	Aroclor-1260			13425	10486	0.357	0.323
Average	Aroclor-1260					0.119	0.108
26) L8	Aroclor-1268	18.82f	23.34	27	170	NoCal	NoCal
27) L8	Aroclor-1268 {2}	19.01	0.00	830	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.80	0.00	126	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

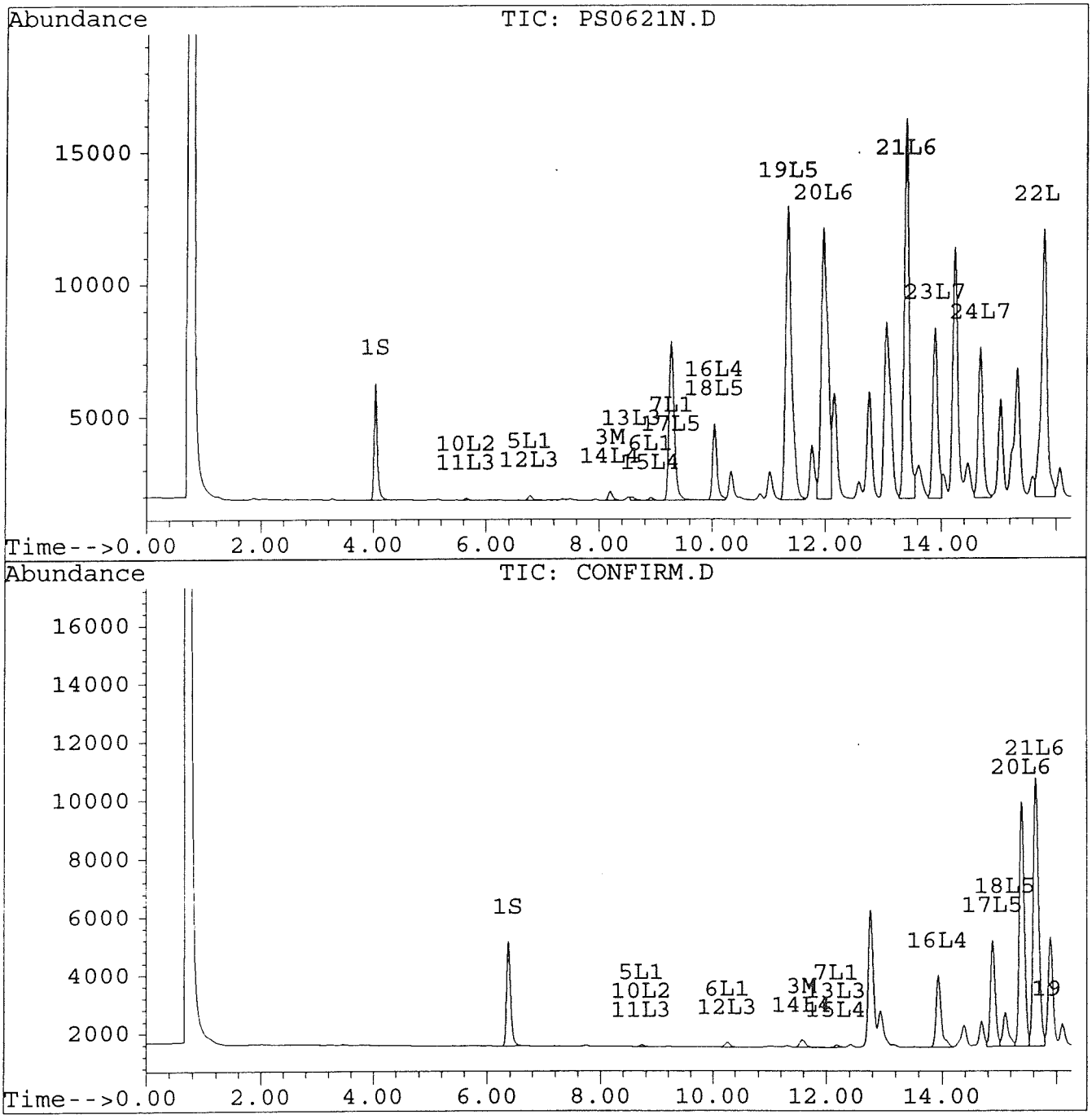
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621N.D Vial: 50
Signal #2 : D:\HPCHEM\5\JUN21\PS0621N.D\CONFIRM.D
Acq On : 22 Jun 96 10:56 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 22 23:30 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JUN21\PS0621N.D
Signal #2 : D:\HPCHEM\5\JUN21\PS0621N.D\CONFIRM.D
Acq On : 22 Jun 96 10:56 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jun 22 23:30 1996

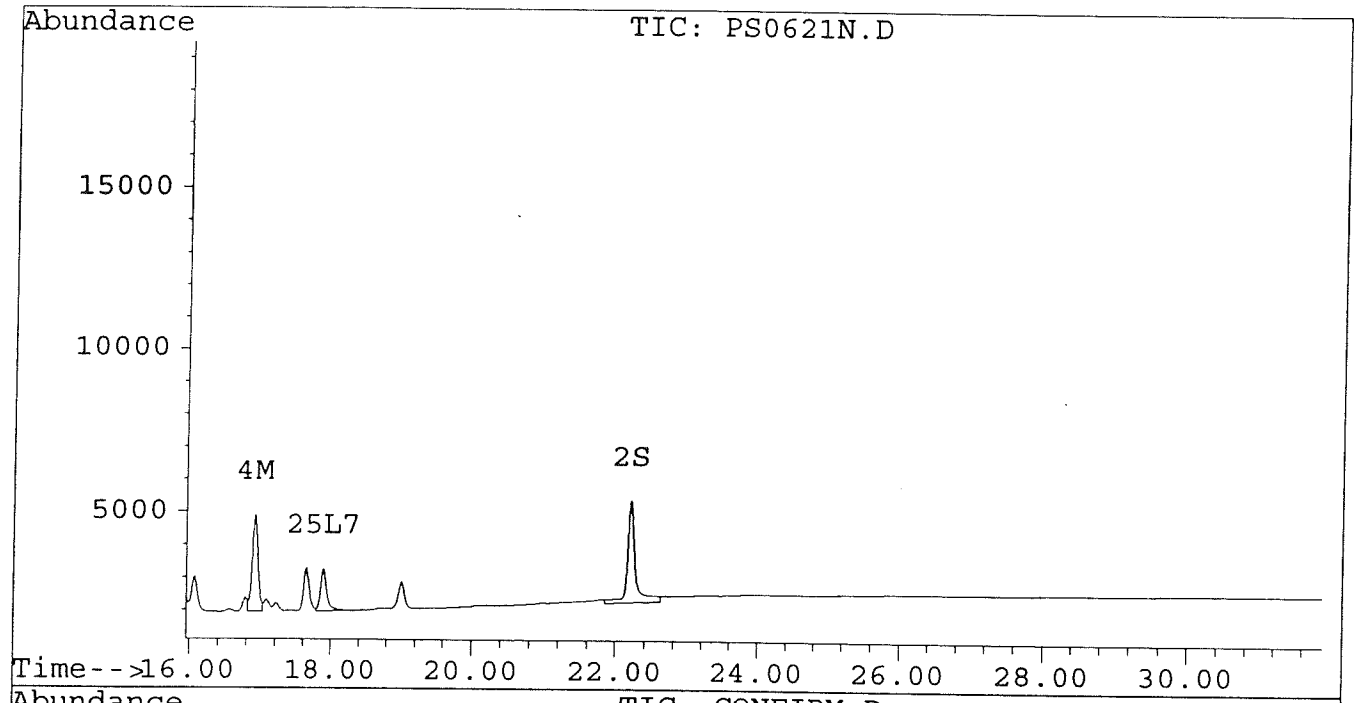
Vial: 50

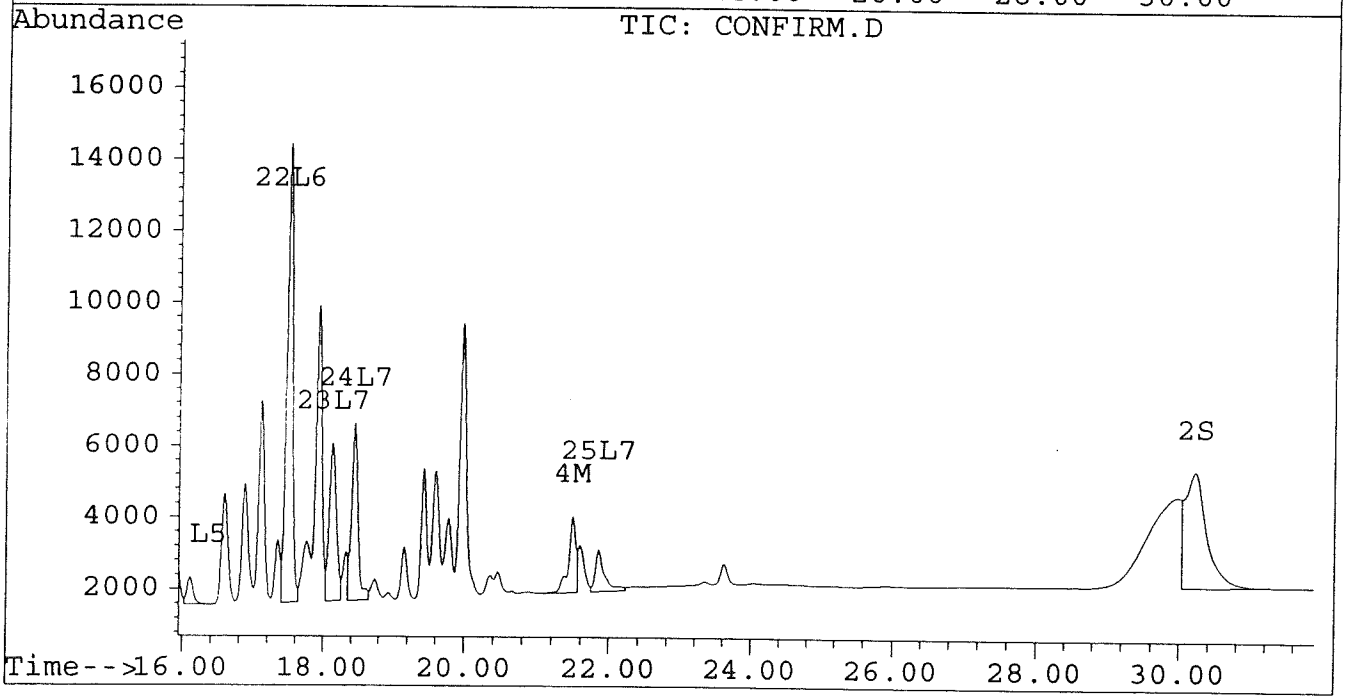
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN21\PS0621O.D Vial: 51
Signal #2 : D:\HPCHEM\5\JUN21\PS0621O.D\CONFIRM.D
Acq On : 22 Jun 96 11:32 PM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jun 23 0:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1C.M
Title : PCB 5 LEVEL
Last Update : Tue Jun 25 16:47:57 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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	6.38	3808	3334	0.015	0.016	
				Recovery	=	37.50%	40.00%	
2)	S Decachlorobiphenyl	22.21	30.24	2798	1373	0.016	0.017	
				Recovery	=	40.00%	42.50%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.19	11.59	18079	13247	0.148	0.124	
4)	M 2,2',3,3',4,4'-Hexa	16.92	21.53	8379	1590	0.046	0.010	#
5)	L1 Aroclor-1016	6.77	8.73	10240	4364	0.309	0.321	
6)	L1 Aroclor-1016 (2)	8.91	10.25	5386	8791	0.302	0.321	
7)	L1 Aroclor-1016 (3)	9.30	12.18	8680	5602	0.331	0.334	
	Total Aroclor-1016			24305	18757	0.942	0.976	
	Average Aroclor-1016					0.314	0.325	
8)	L2 Aroclor-1221	5.06	7.96	715	652	0.148	0.155	
9)	L2 Aroclor-1221 (2)	5.48	8.50	1027	906	0.253	0.269	
10)	L2 Aroclor-1221 (3)	5.65	8.73	5104	4364	0.368	0.425	
	Total Aroclor-1221			6846	5922	0.768	0.850	
	Average Aroclor-1221					0.256	0.283	
11)	L3 Aroclor-1232	5.65	8.73	5104	4364	0.425	0.481	
12)	L3 Aroclor-1232 (2)	6.77	10.25	10240	8791	1.174	1.174	
13)	L3 Aroclor-1232 (3)	8.58	12.18	6706	5602	1.277	1.307	
	Total Aroclor-1232			22049	18757	2.876	2.961	
	Average Aroclor-1232					0.959	0.987	
14)	L4 Aroclor-1242	8.19	11.59	18079	13247	0.467	0.510	
15)	L4 Aroclor-1242 (2)	8.91	12.18	5386	5602	0.445	0.486	
16)	L4 Aroclor-1242 (3)	10.05	13.94	6780	4778	0.438	0.420	
	Total Aroclor-1242			30244	23627	1.351	1.416	
	Average Aroclor-1242					0.450	0.472	
17)	L5 Aroclor-1248	9.30	14.89	8680	739	0.456	0.058	#
18)	L5 Aroclor-1248 (2)	10.05	15.10	6780	1294	0.427	0.099	#
19)	L5 Aroclor-1248 (3)	11.33f	16.11	4388	184	0.212	0.018	#
	Total Aroclor-1248			19848	2217	1.095	0.175	
	Average Aroclor-1248					0.365	0.058	

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

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 DILUTIC
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, Tetrachloro-m-xylene, Decachlorobiphenyl, 2,4,4' Trichlorobiphenyl, 2,2',3,3',4,4' Hexachlorobiphenyl
Last Update : Fri Jun 28 13:24:25 1996
Response via : Initial Calibration

Calibration Files
0.5 =PCB4.D 0.1 =PCB5.D 1.0 =PCB3.D
2.5 =PCB2.D 5.0 =PCB1.D

		Compound	0.5	0.1	1.0	2.5	5.0	Avg		%RSD
1)	S	Tetrachloro-m-xylene	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	7.96
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}	5.0	5.7	5.3	5.2	5.0	5.3	E3	5.91
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	14.6	14.0	14.6	E3	2.75
17)	L5	Aroclor-1248	20.6	22.0	19.0	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
PCB1E.M Wed Jul 10 13:44:58 1996 HPPC

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	14.69
13)	L3 Aroclor-1232 {3}	4.1	4.9	4.4	4.1	3.9	4.3	E3	8.04
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	13.8	E3	10.95
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

376

(#) = 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.

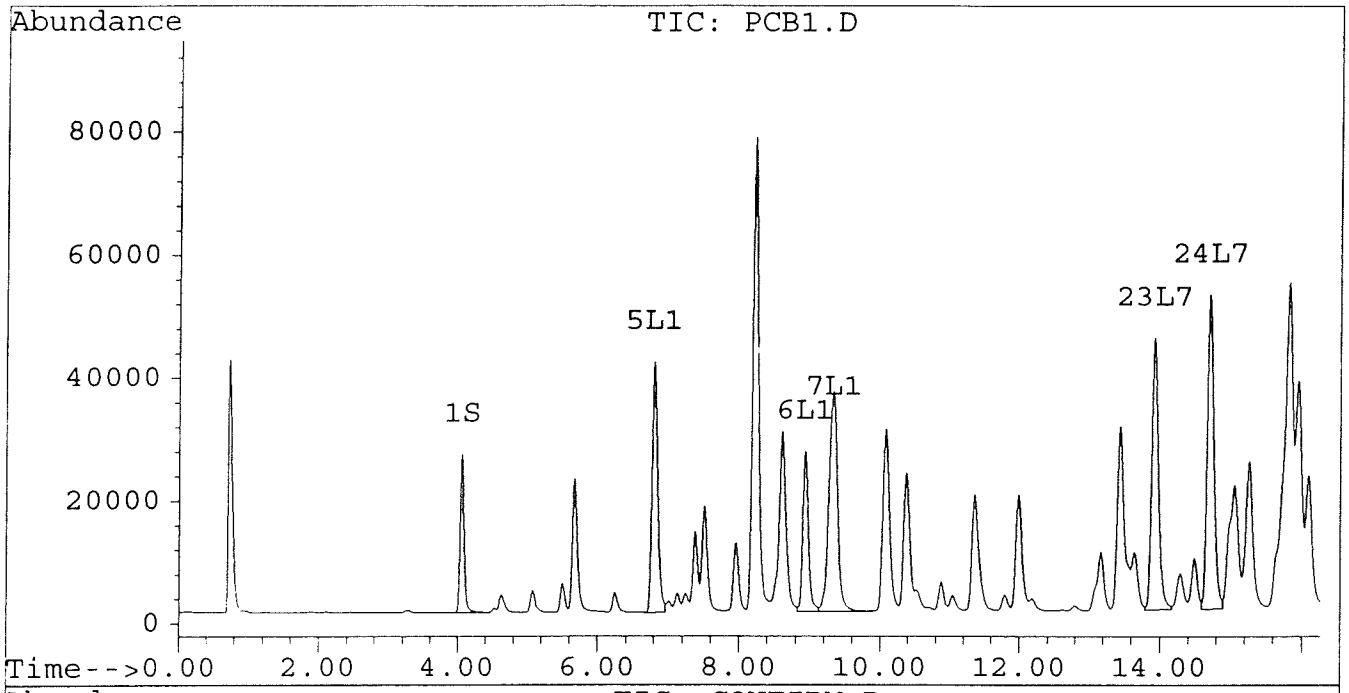
Quantitation Report

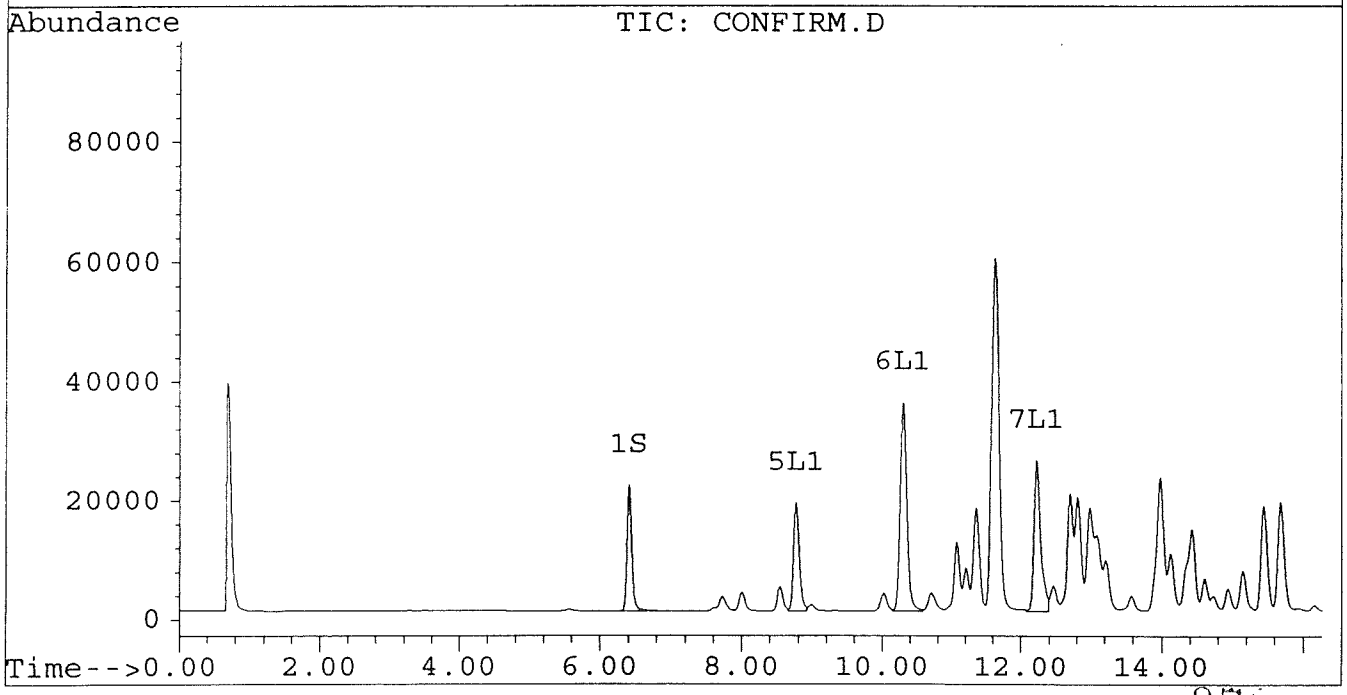
Signal #1 : D:\HPCHEM\5\JUN27A\PCB1.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB1.D\CONFIRM.D
Acq On : 27 Jun 96 05:36 PM
Sample : AR1660 5.0 UG/ML
Misc :
Quant Time: Jun 28 10:55 1996

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

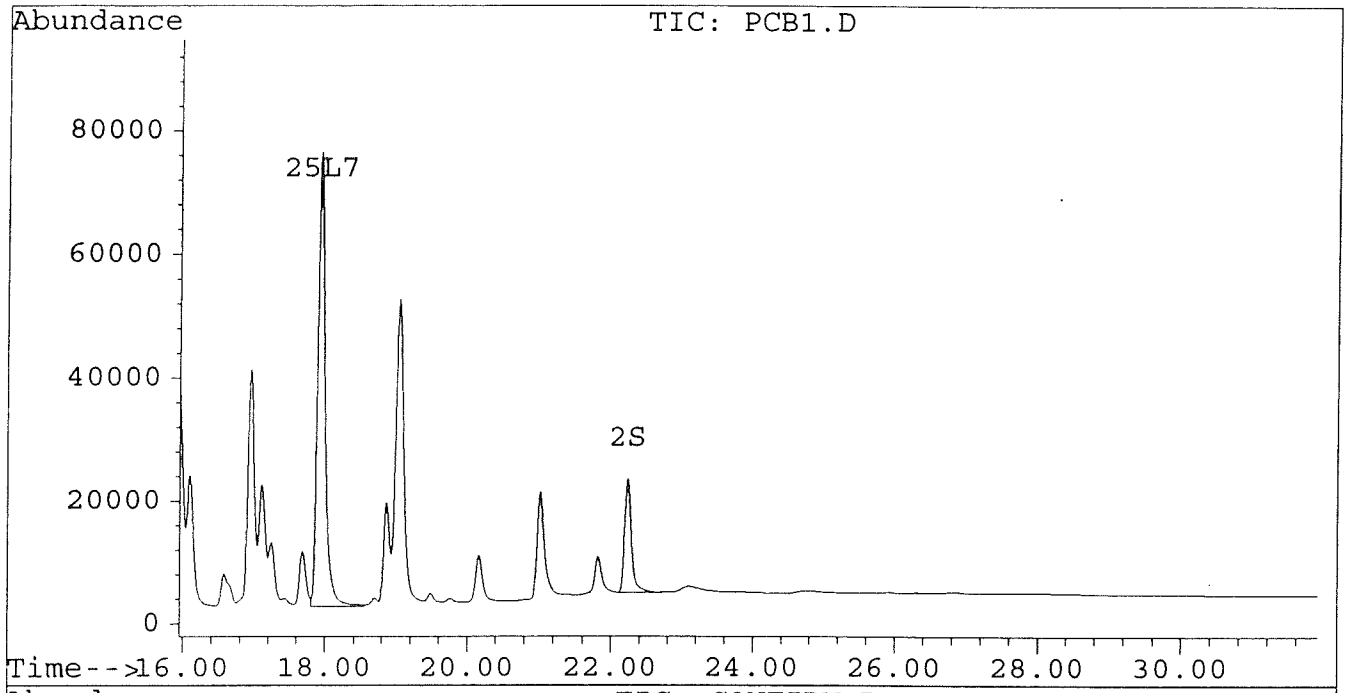
Vial: 1

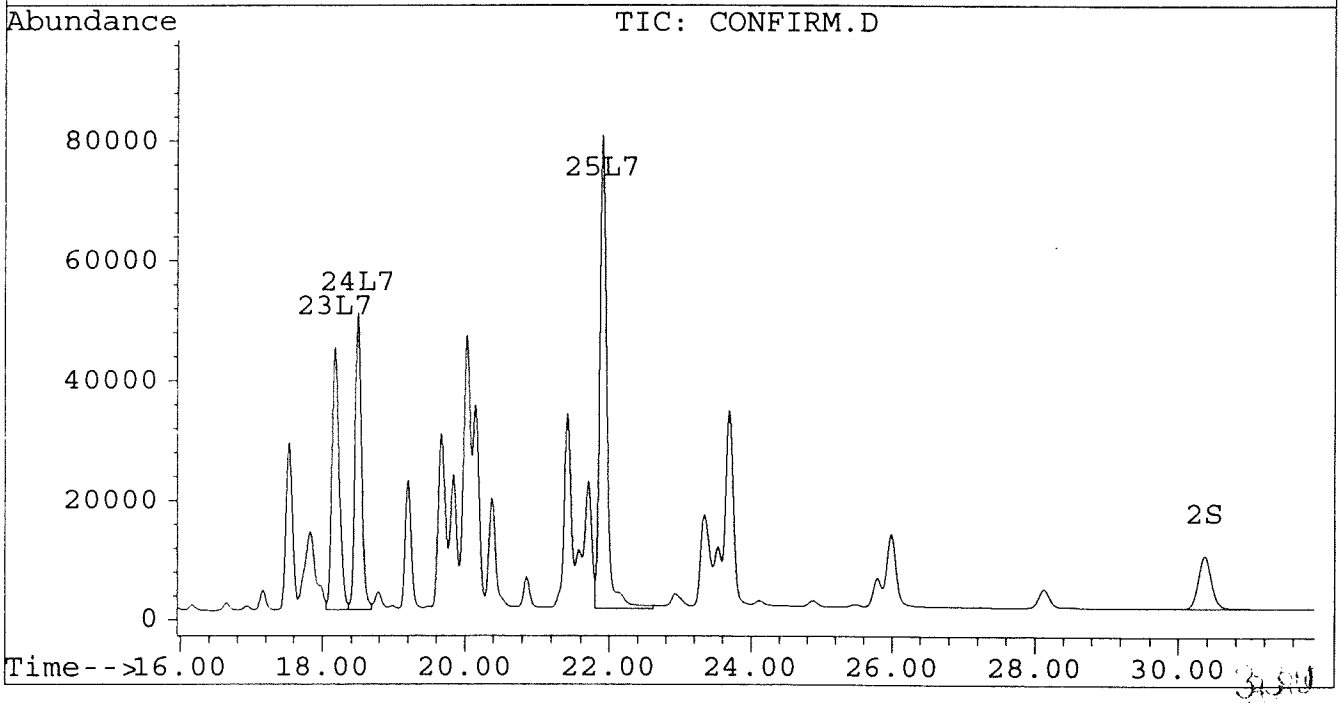
Operator: JS
Inst : ECD1
Multiplr: 1.00

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
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
	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 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
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

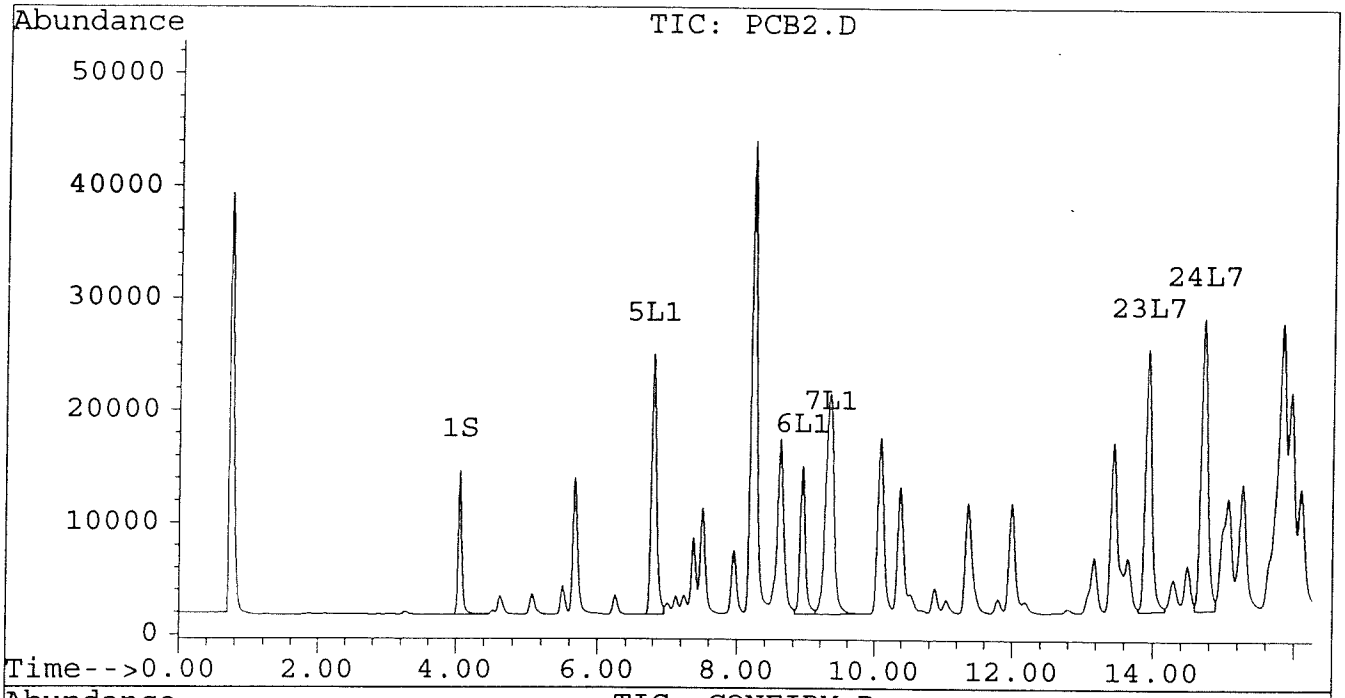
Vial: 2

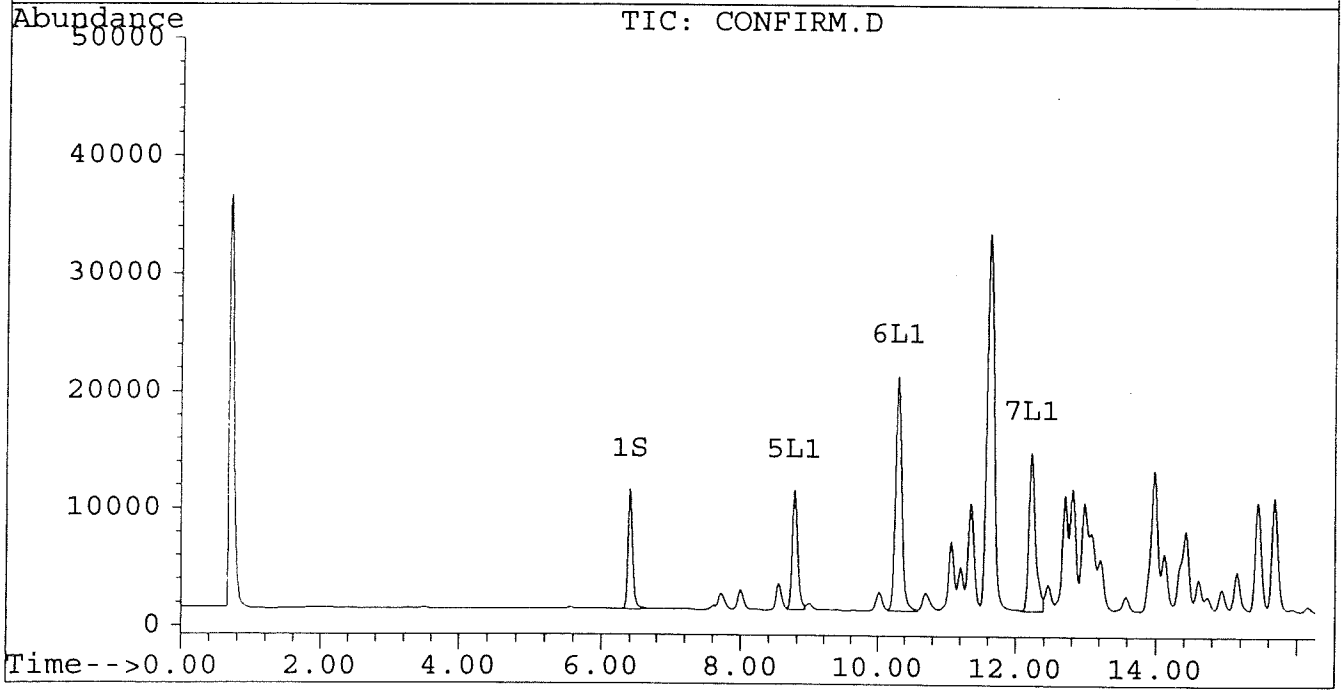
Operator: JS
Inst : ECD1
Multiplr: 1.00

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



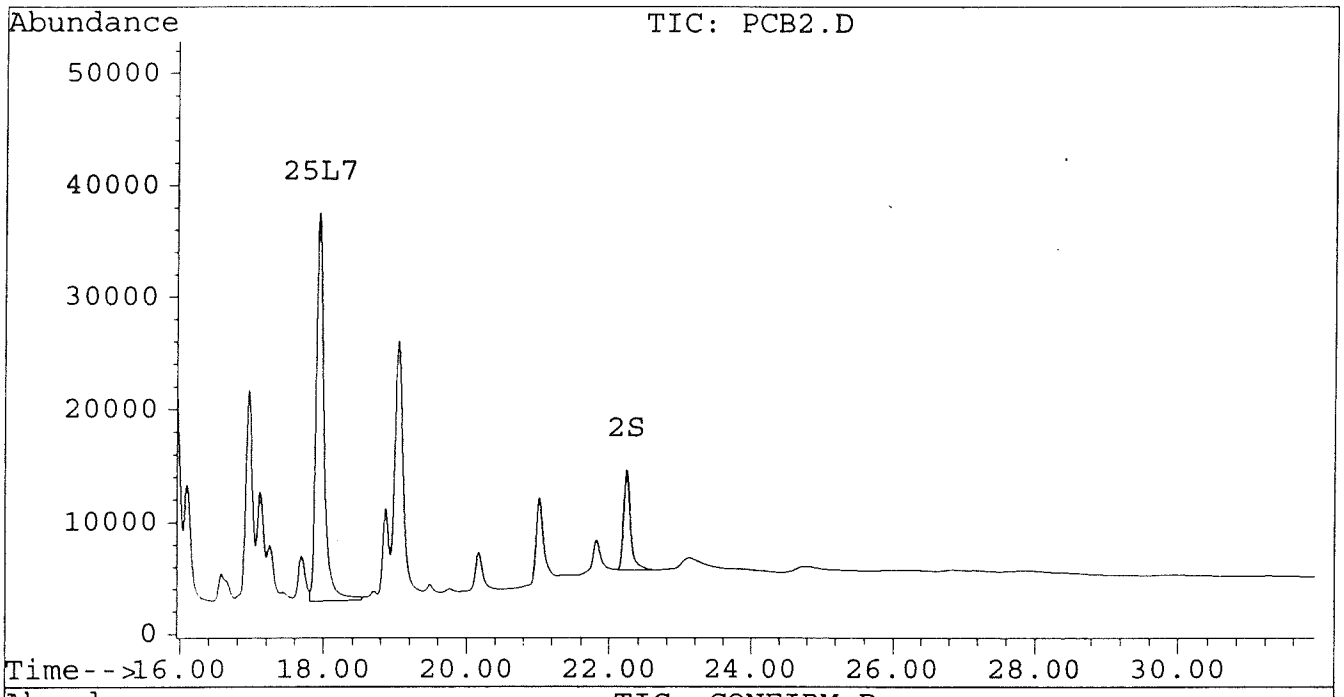


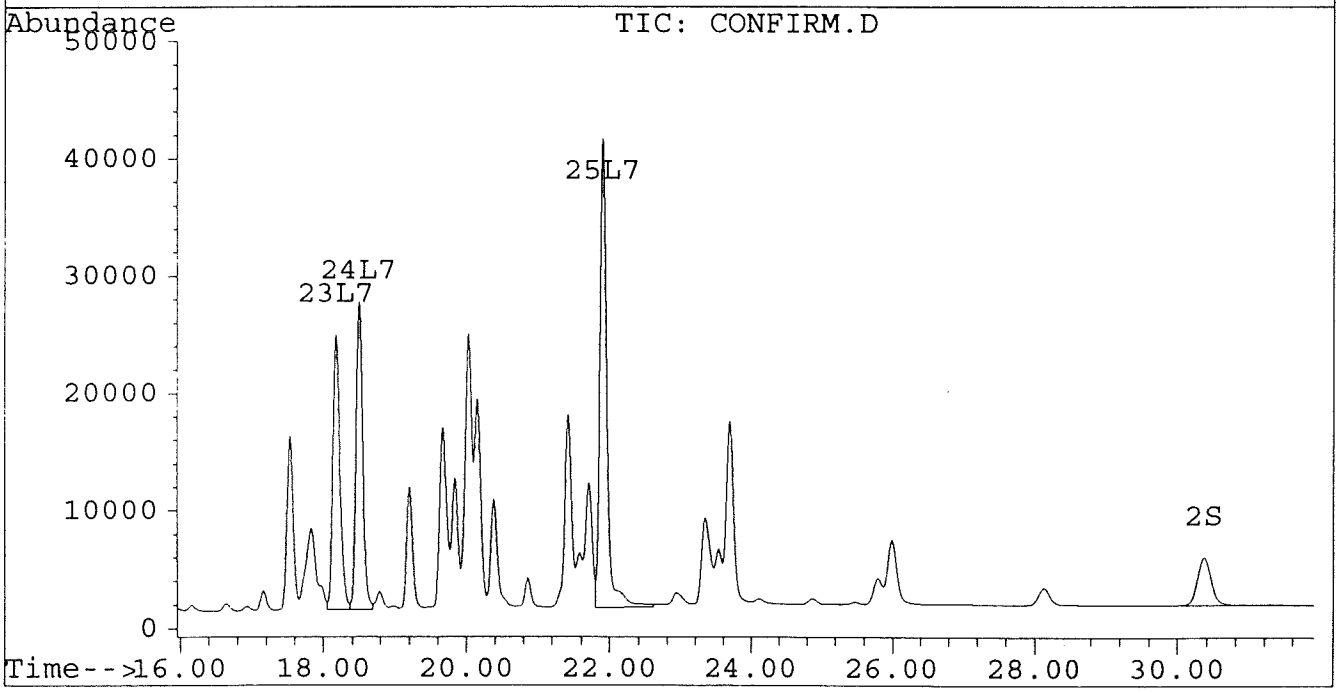
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB2.D 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





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

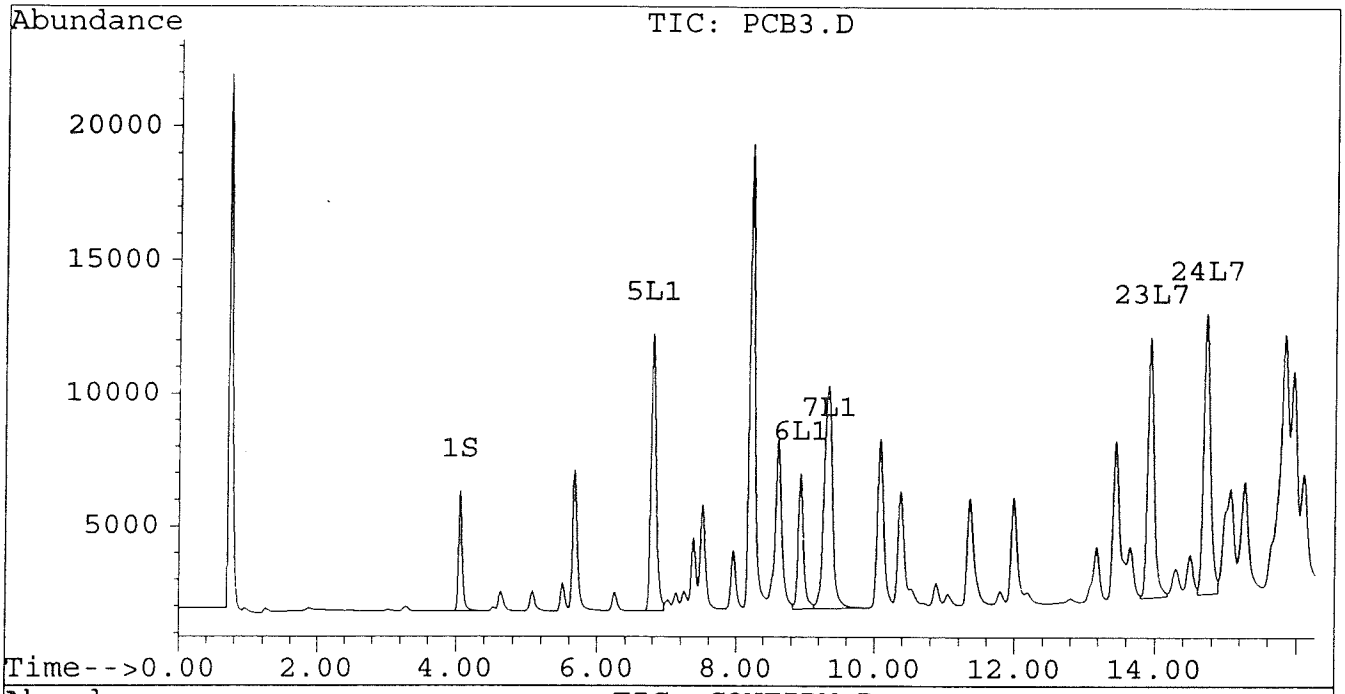
Vial: 3

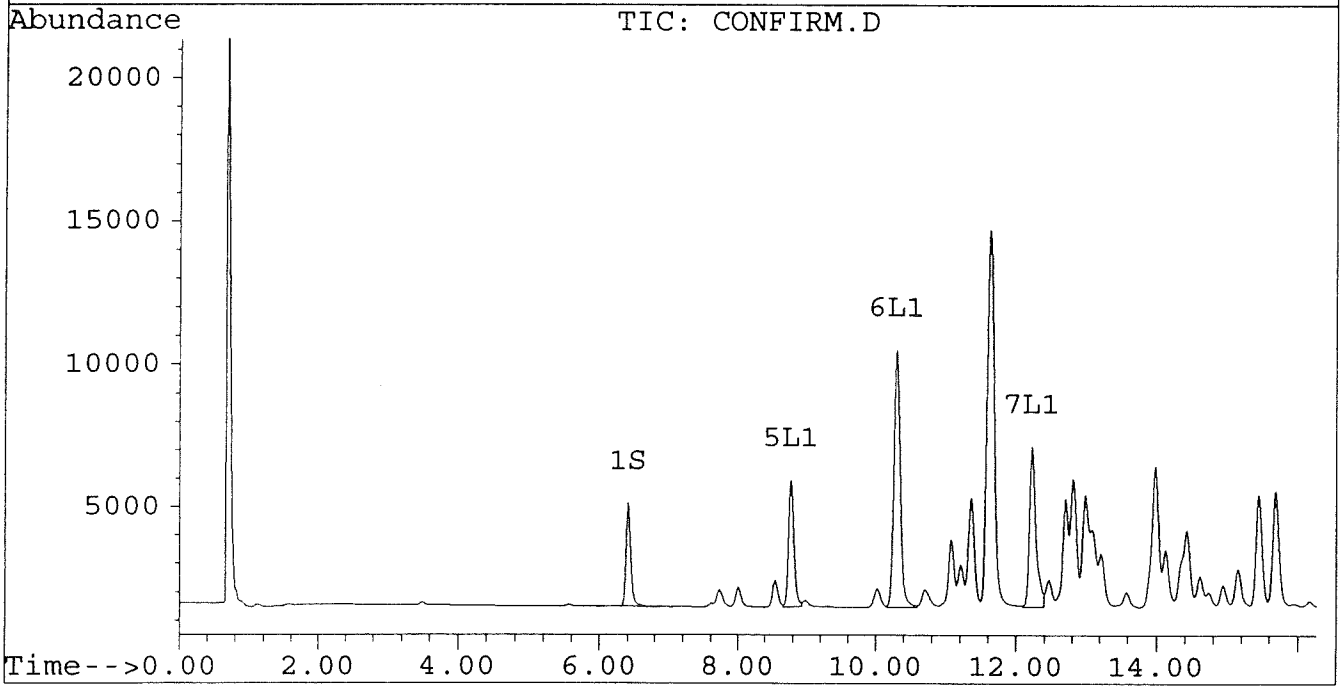
Operator: JS
Inst : ECD1
Multiplr: 1.00

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

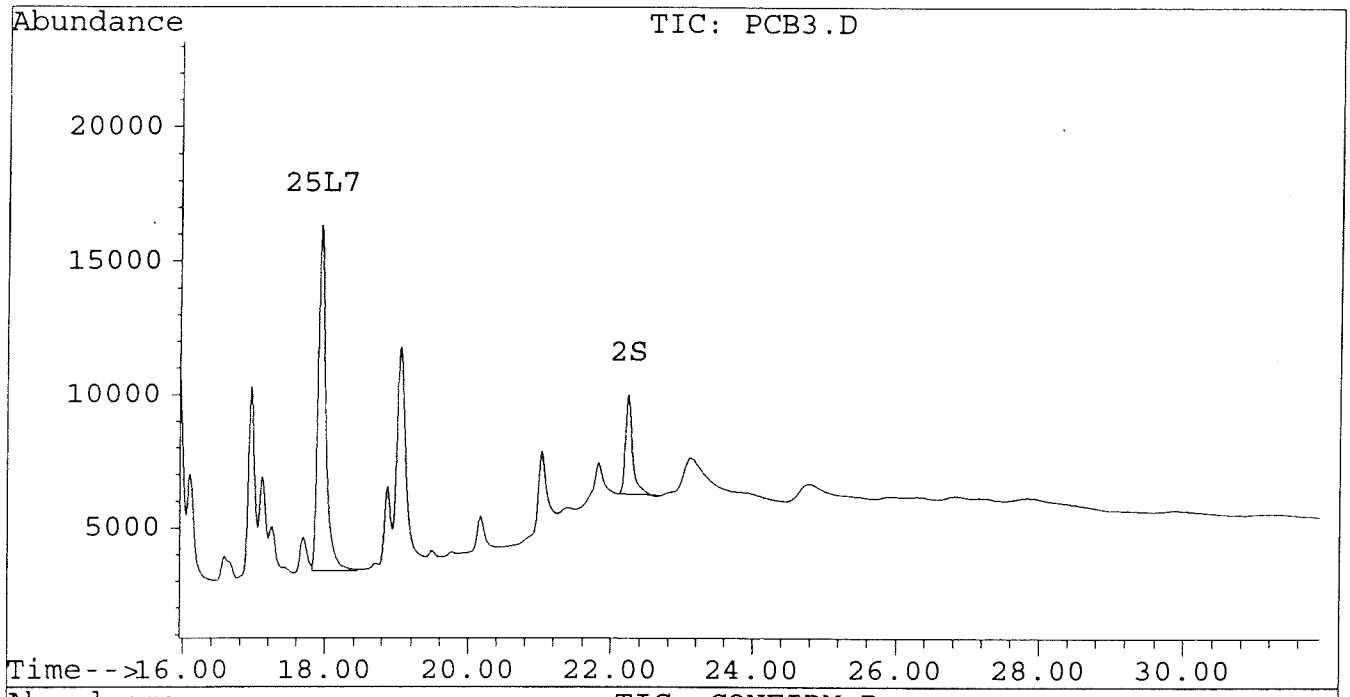
Vial: 3

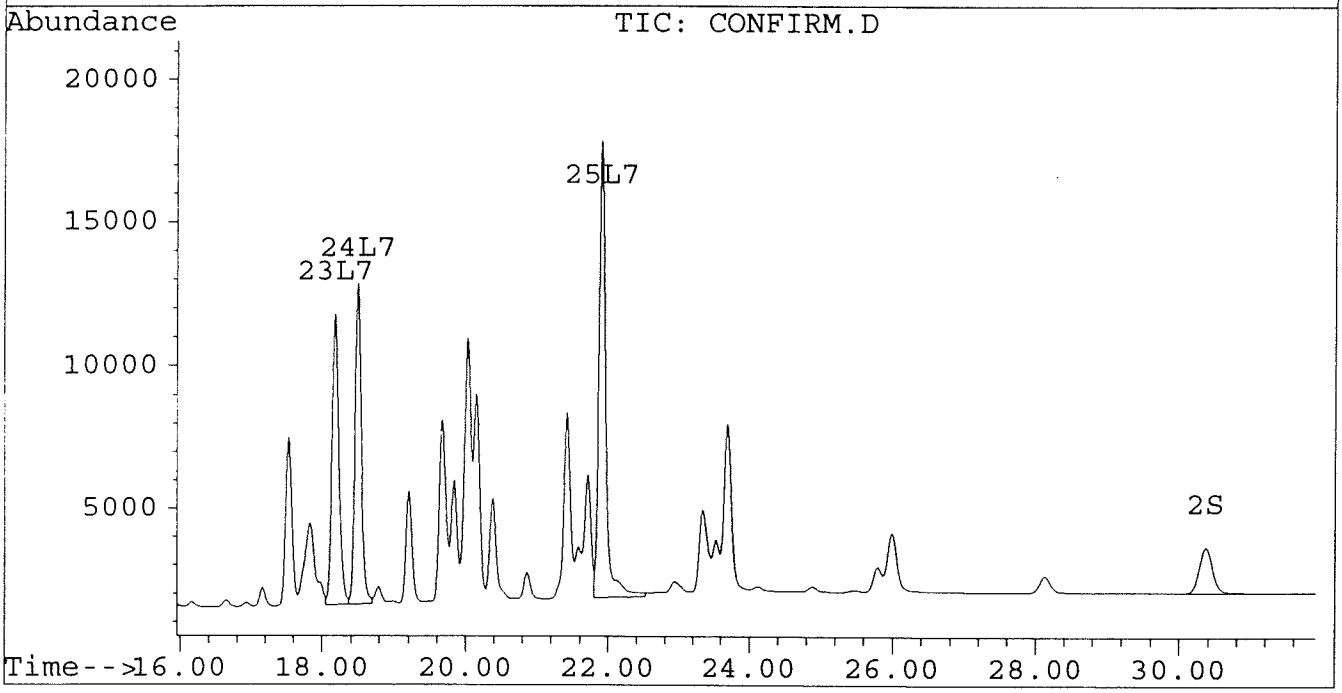
Operator: JS
Inst : ECD1
Multiplr: 1.00

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
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

	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.

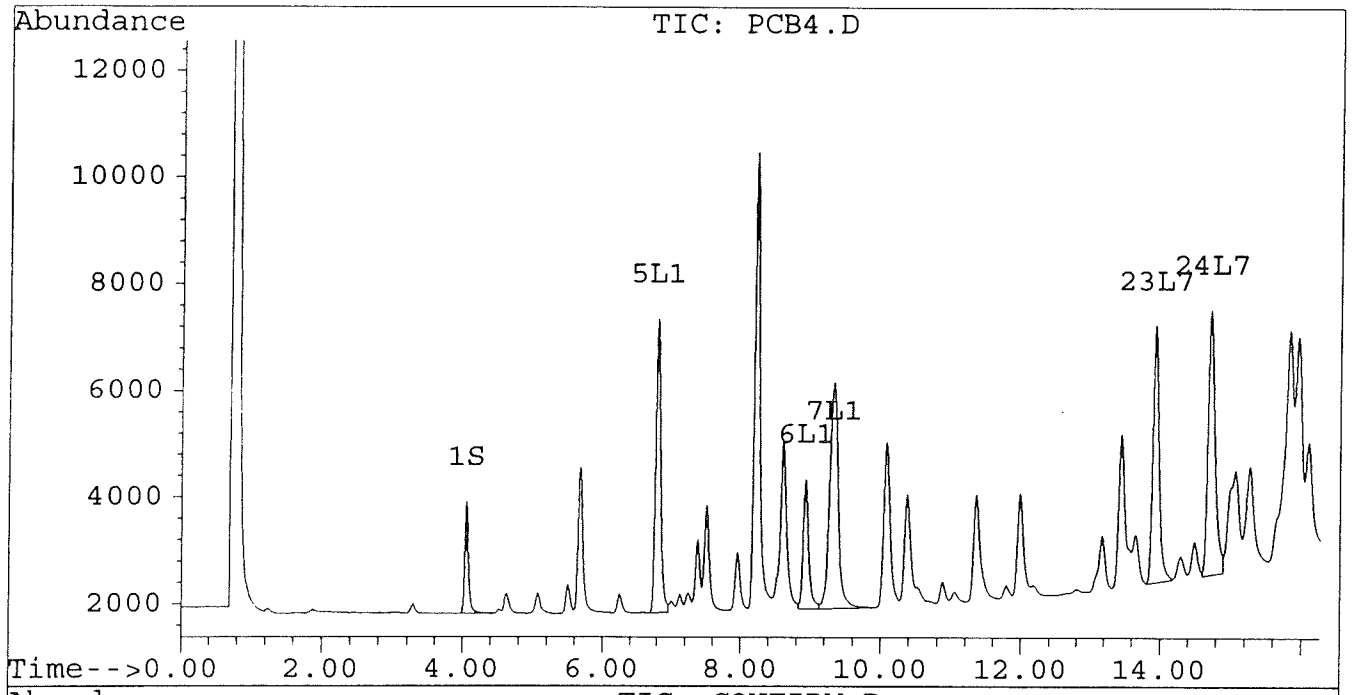
Quantitation Report

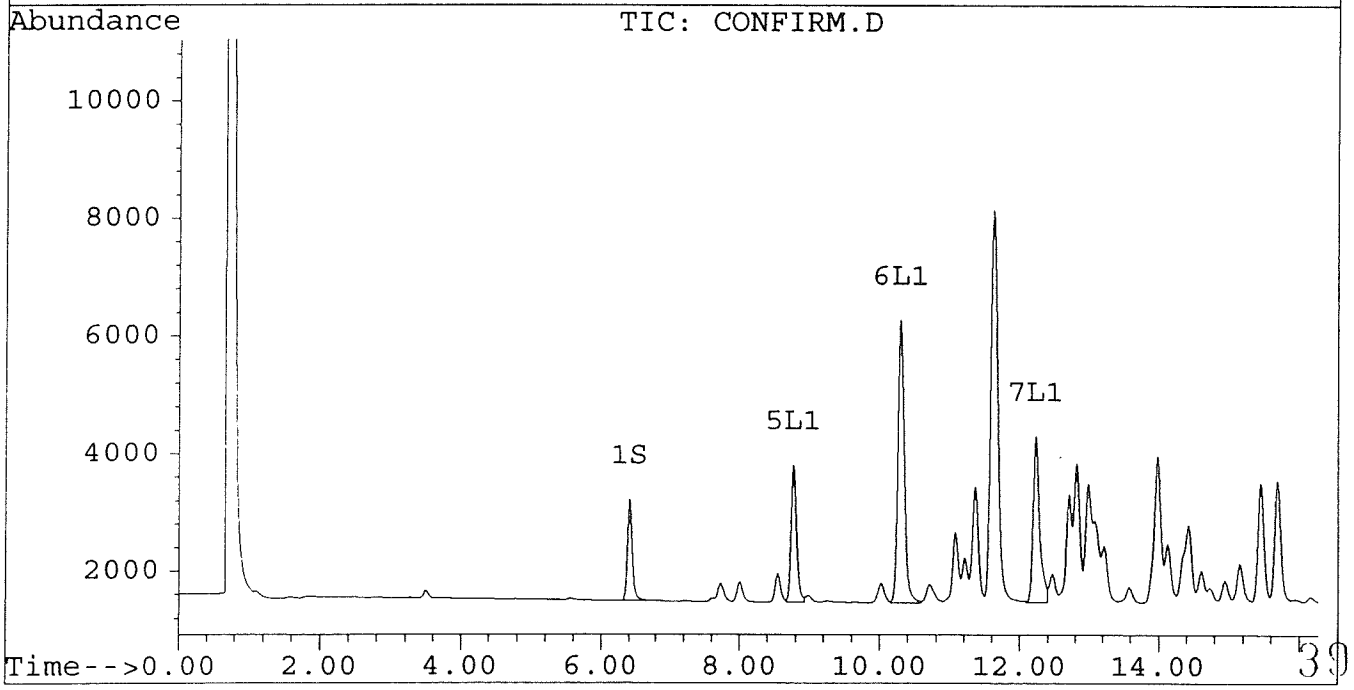
Signal #1 : D:\HPCHEM\5\JUN27A\PCB4.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB4.D\CONFIRM.D
Acq On : 27 Jun 96 07:22 PM
Sample : AR1660 0.5 UG/ML
Misc :
Quant Time: Jun 28 11:00 1996

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





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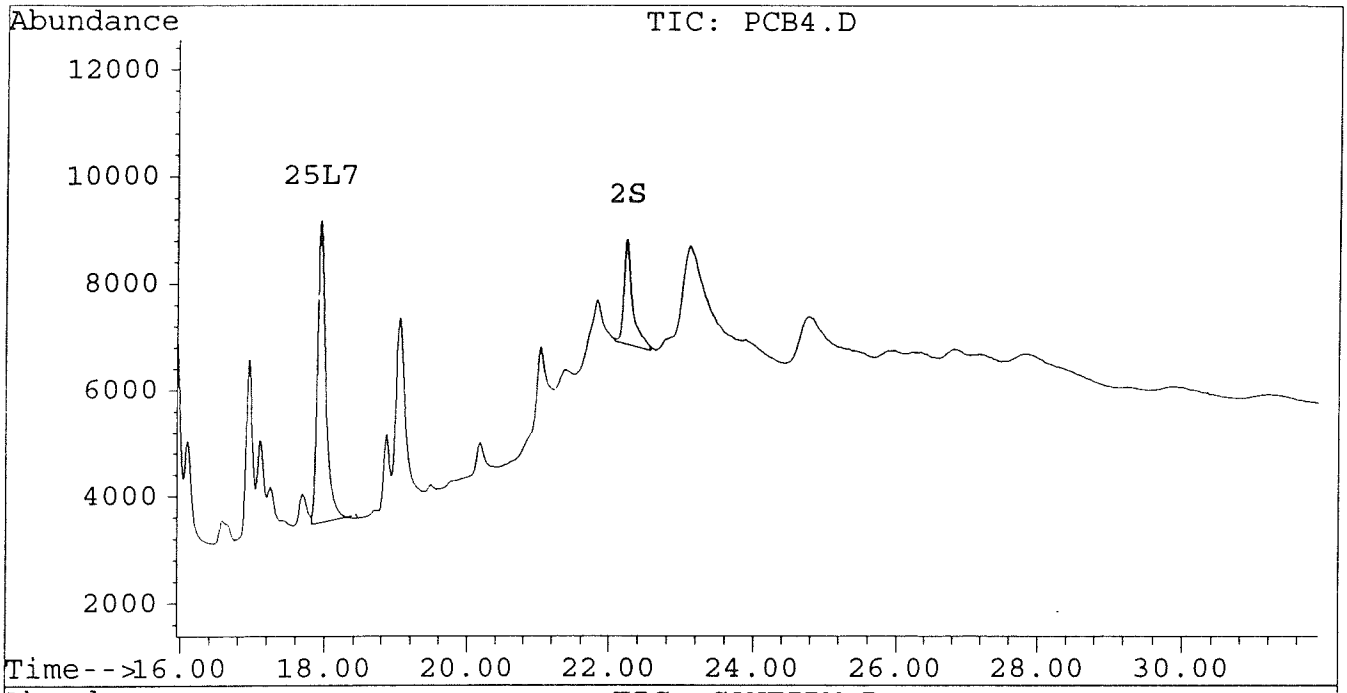
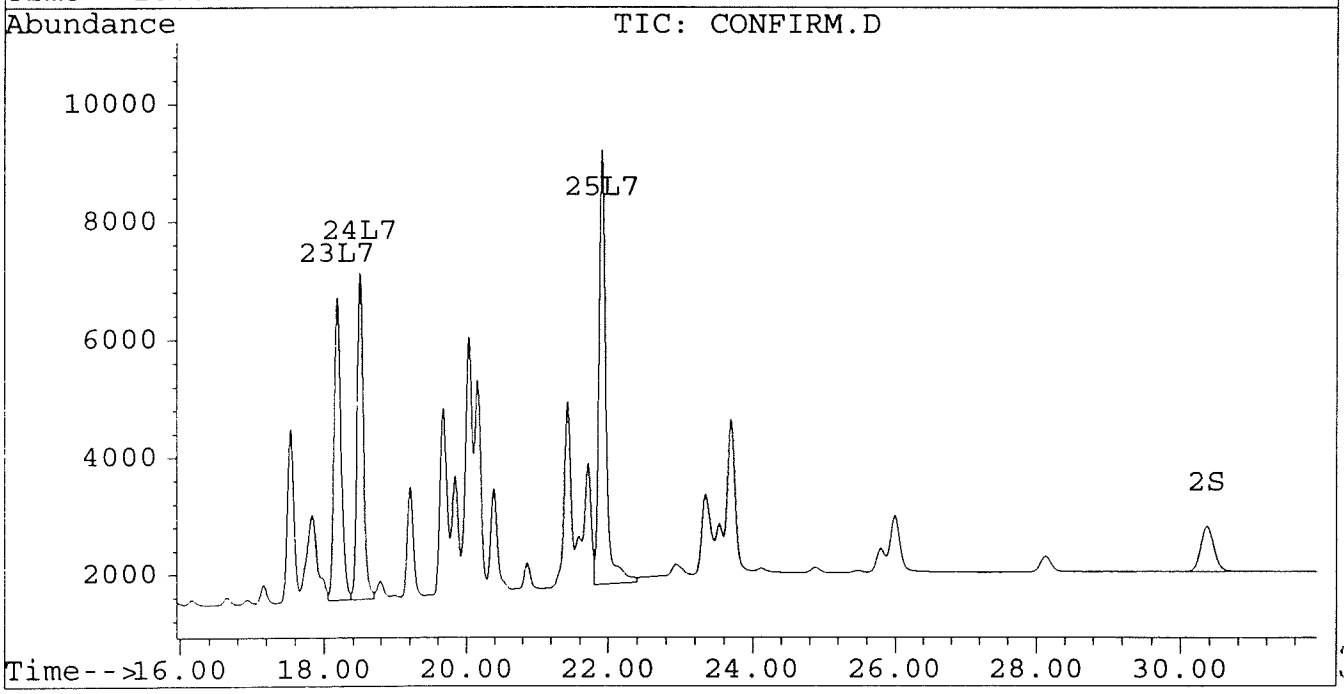
Quantitation Report

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





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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.

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

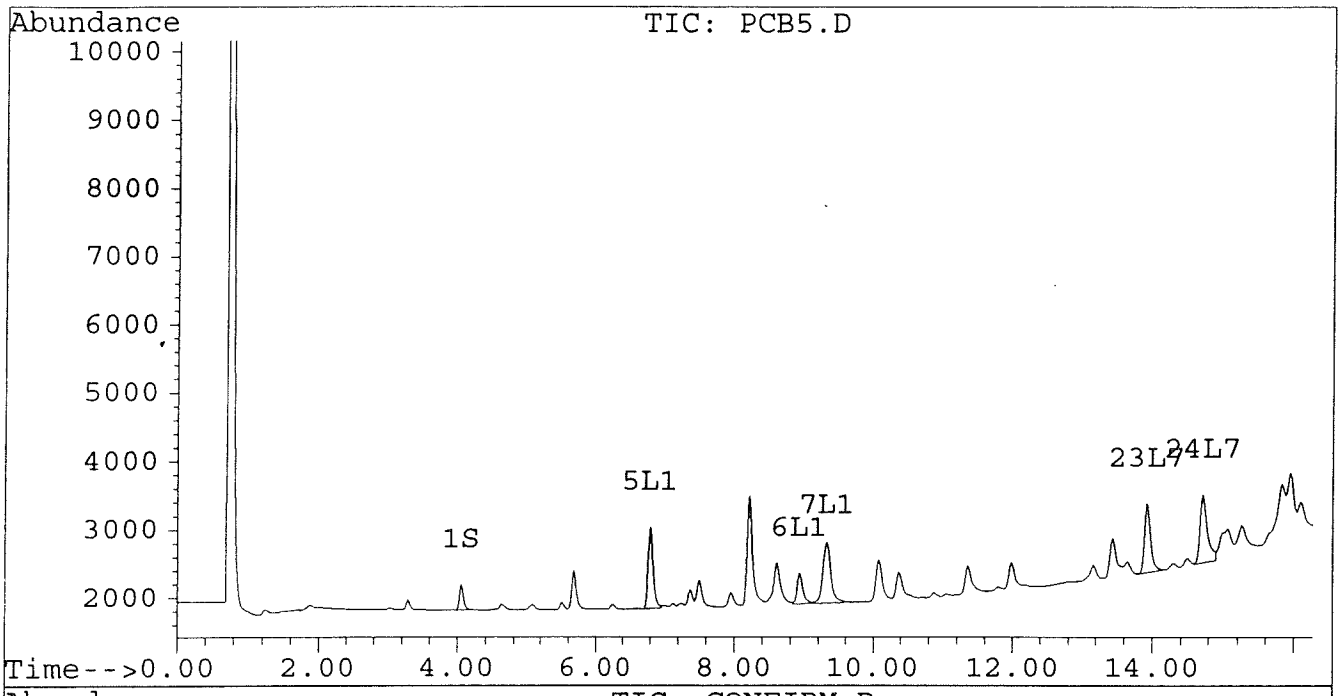
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

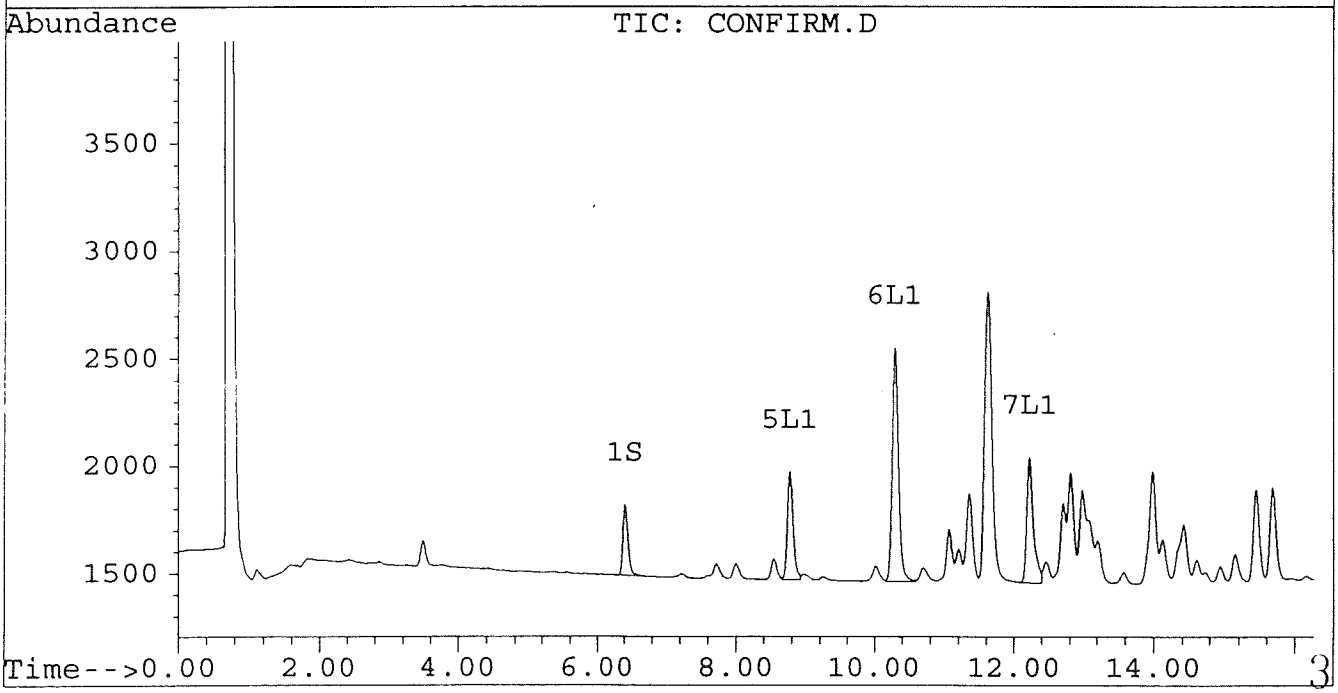
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB5.D 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



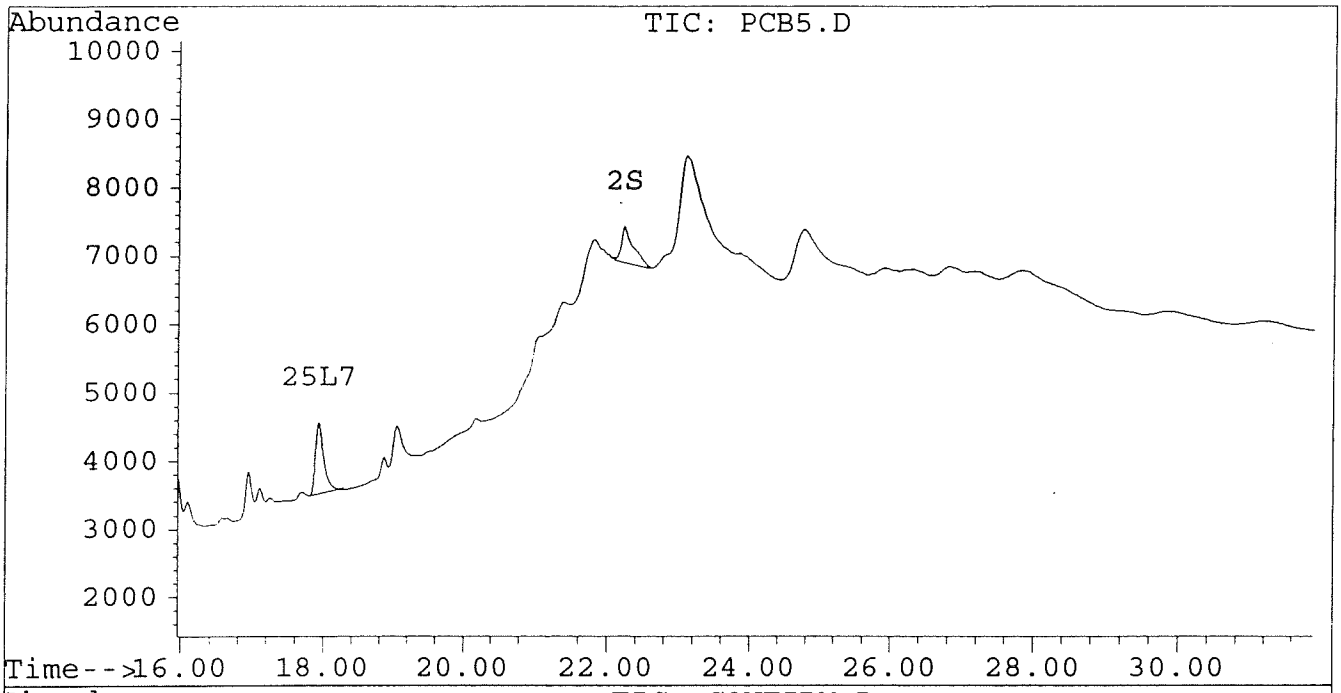


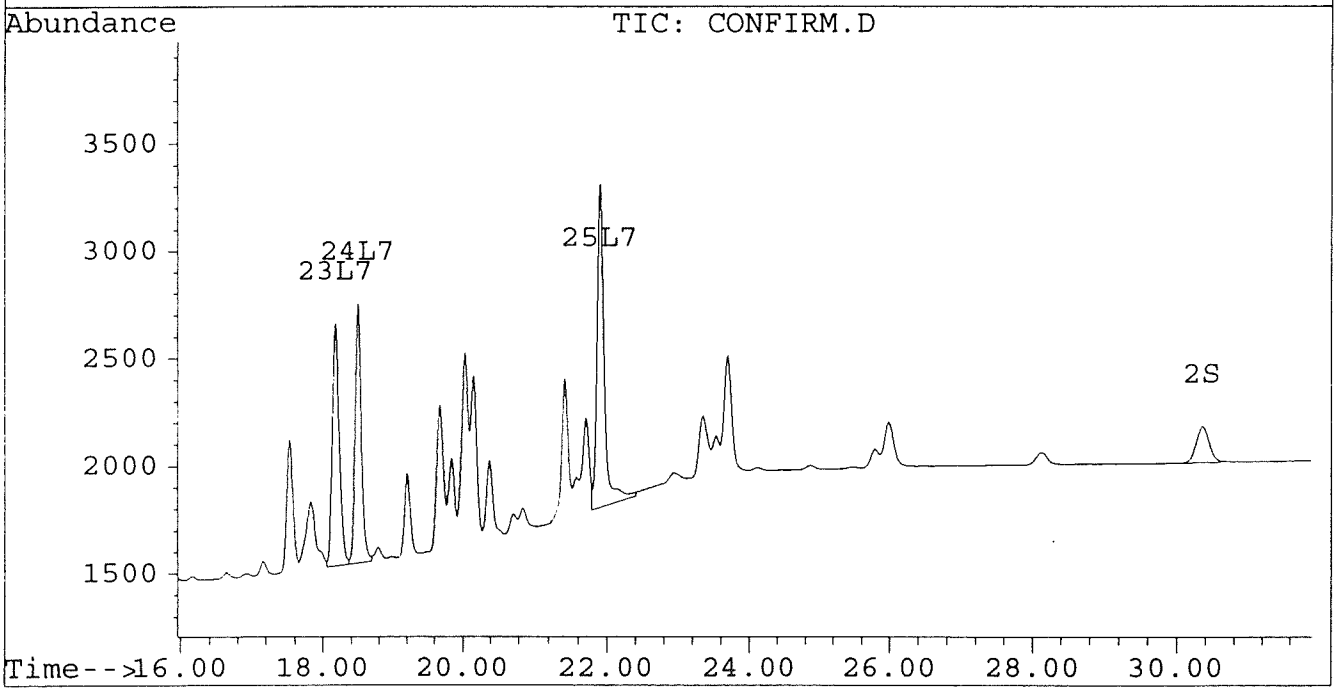
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\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

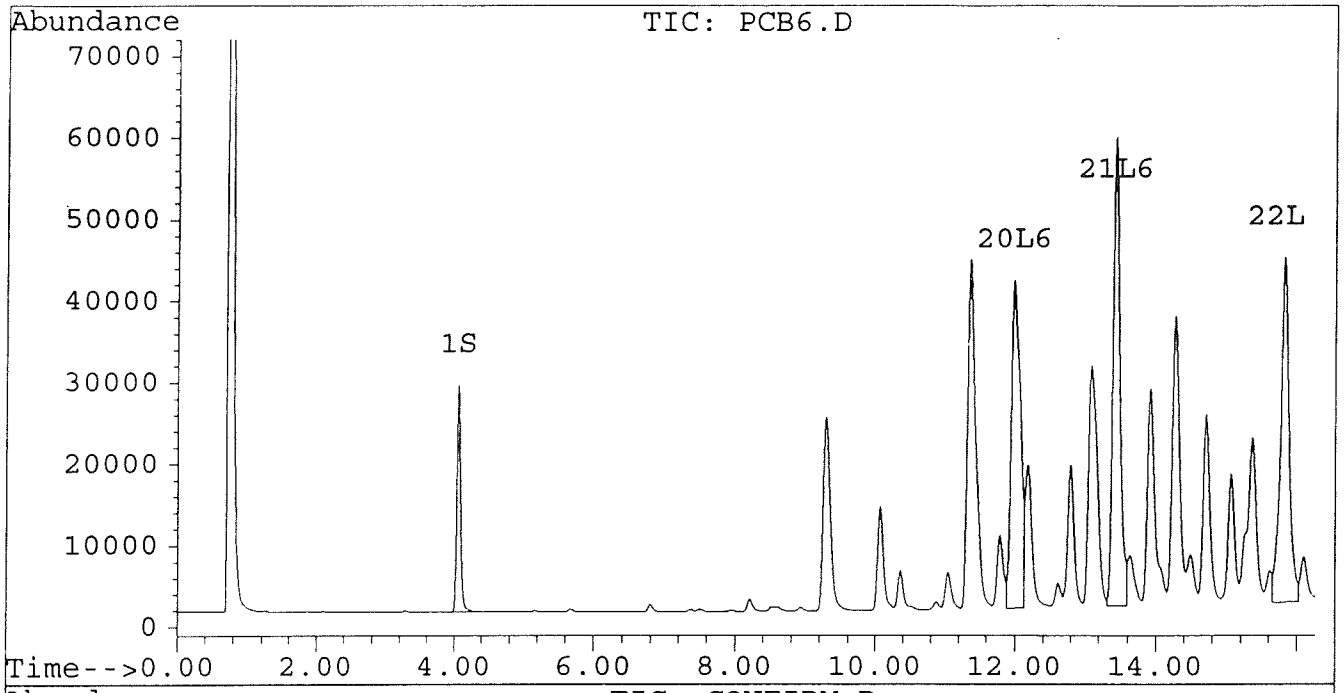
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

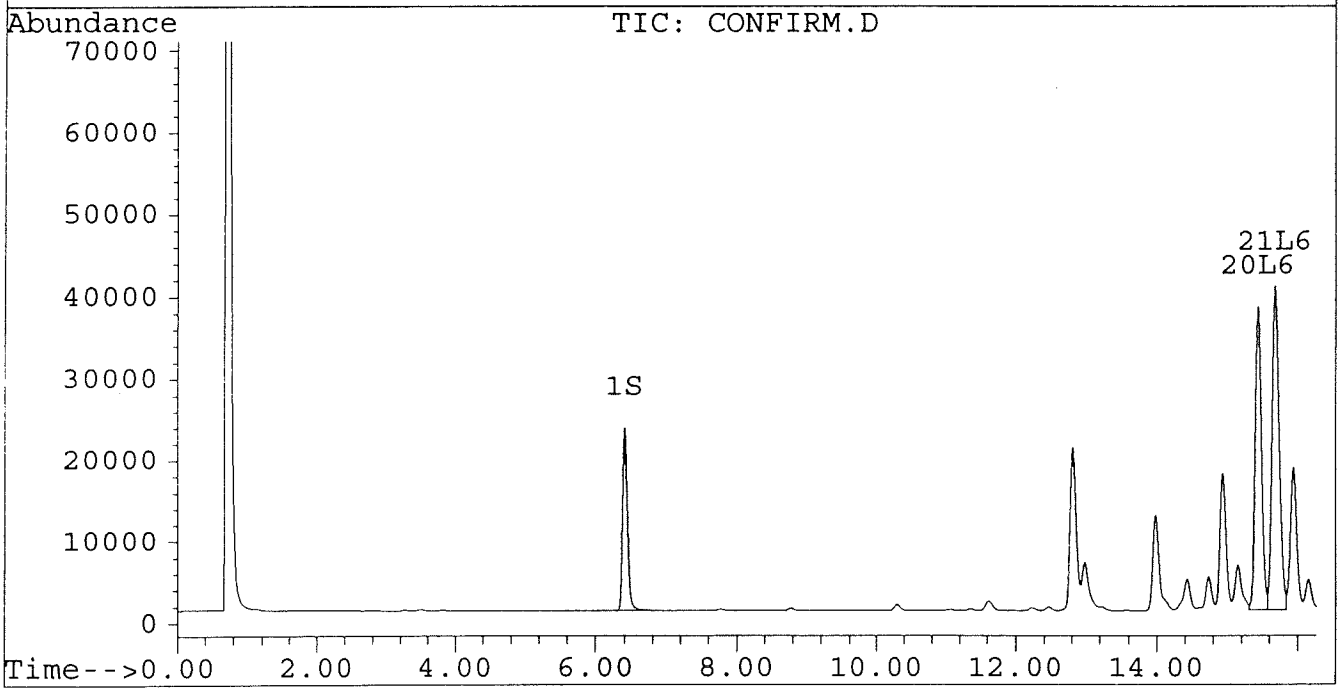
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB6.D Vial: 6
Signal #2 : D:\HPCHEM\5\JUN27A\PCB6.D\CONFIRM.D
Acq On : 27 Jun 96 08:34 PM Operatcr: 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





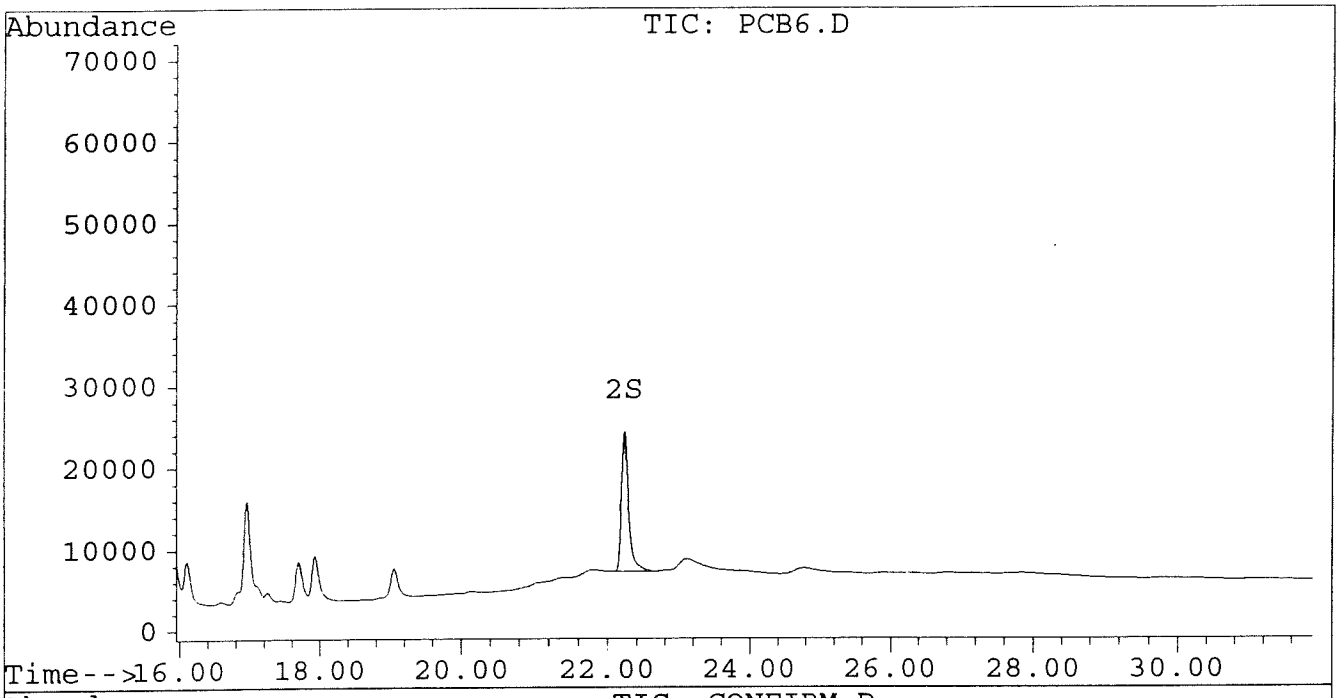
Quantitation Report

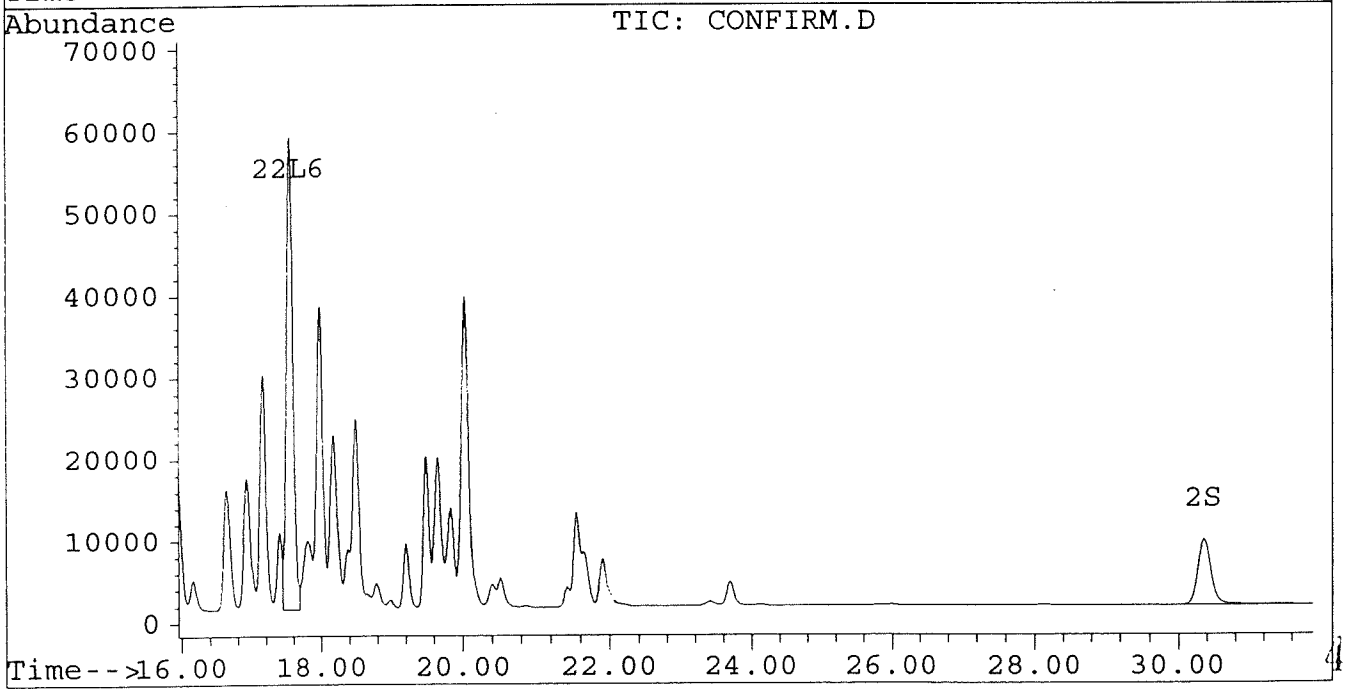
Signal #1 : D:\HPCHEM\5\JUN27A\PCB6.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB6.D\CONFIRM.D
Acq On : 27 Jun 96 08:34 PM
Sample : AR1254 5.0 UG/ML
Misc :
Quant Time: Jun 28 11:04 1996

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.

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

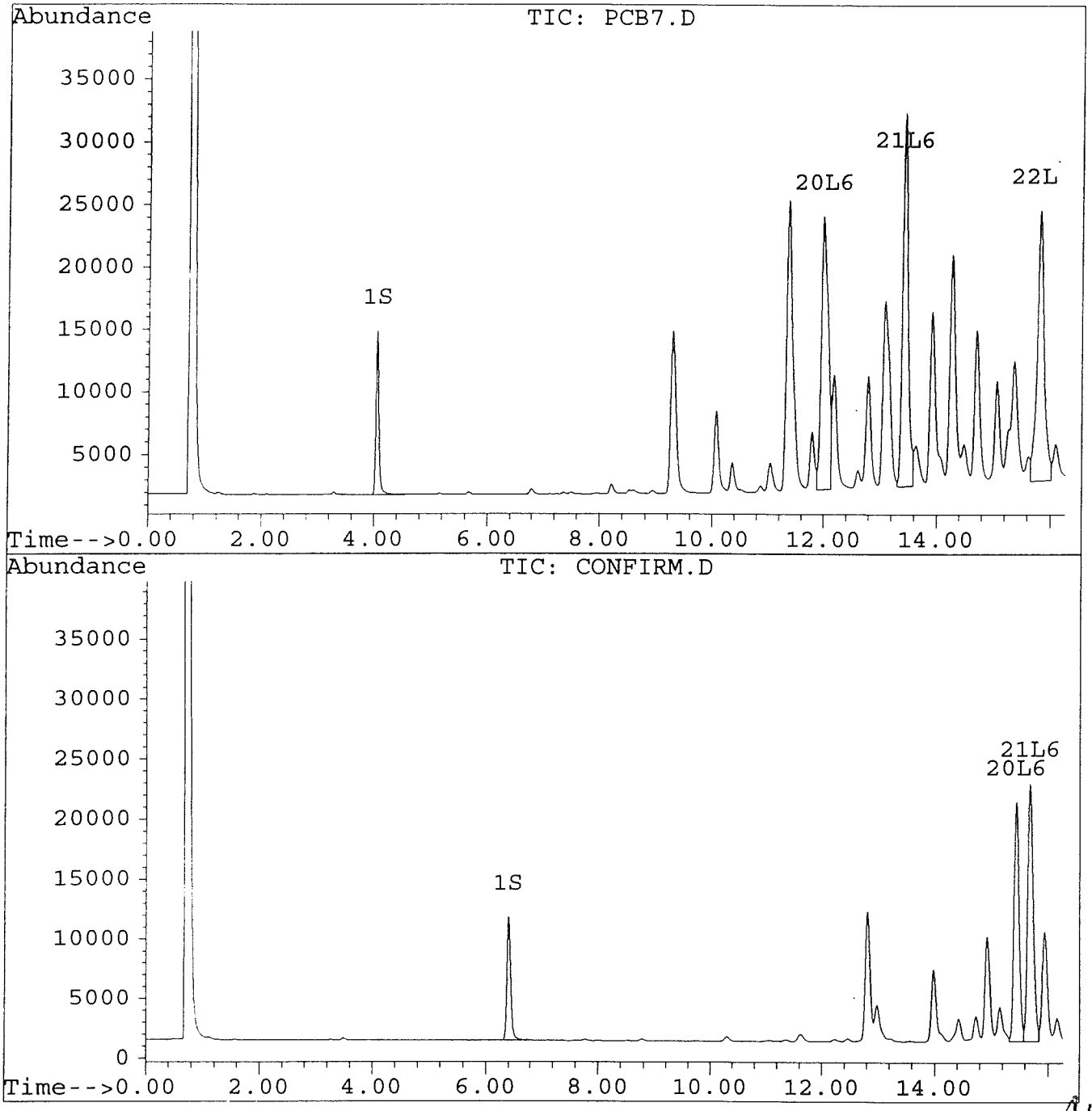
Vial: 7

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

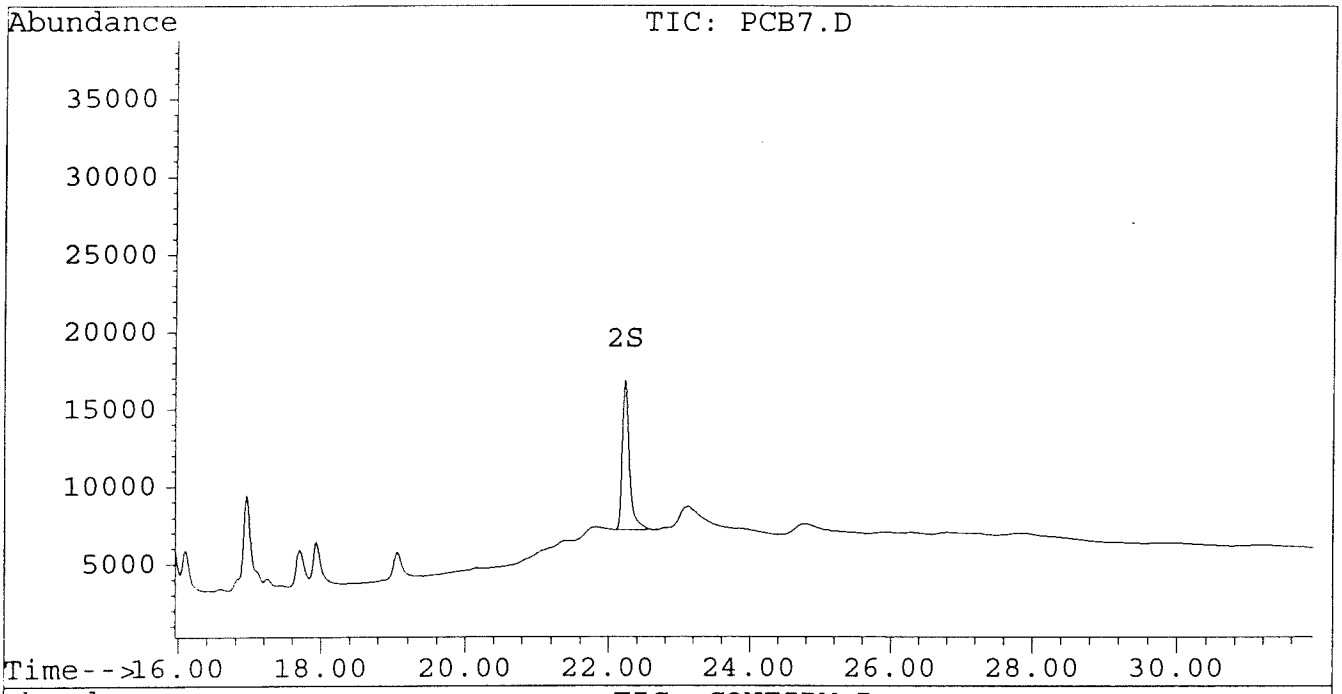


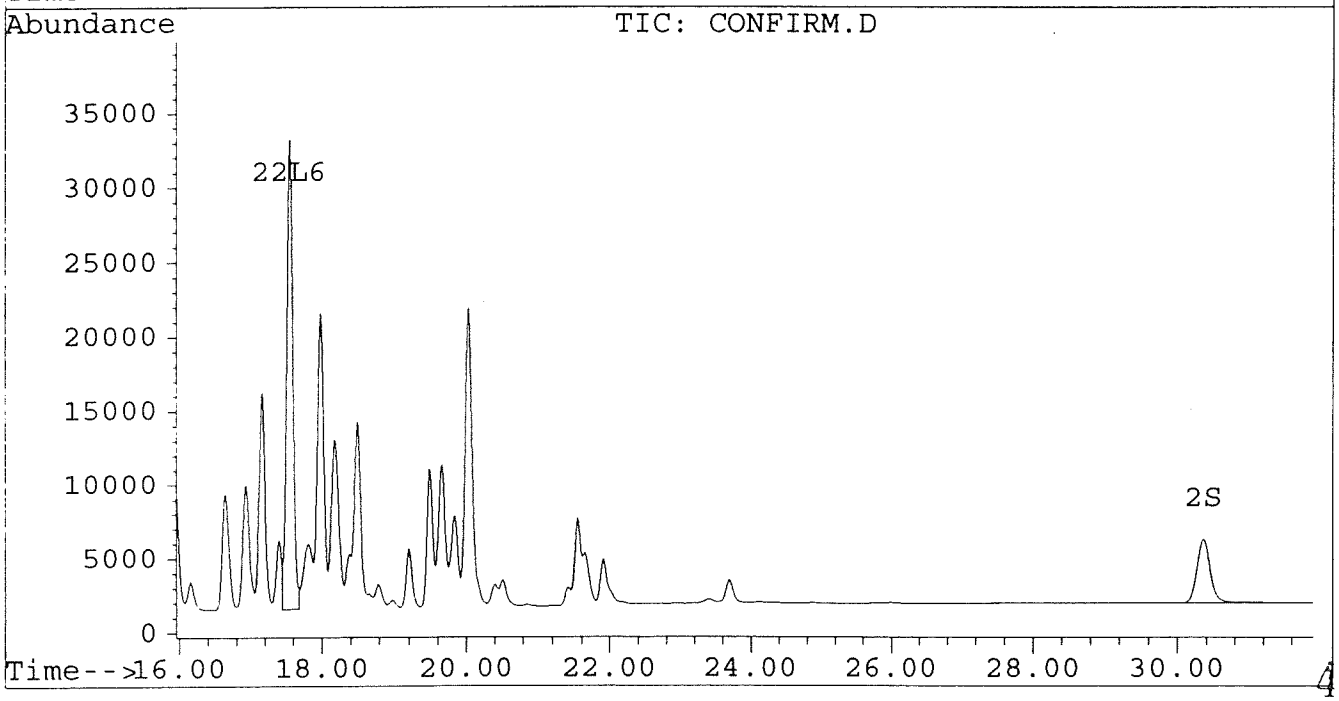
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\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





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
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

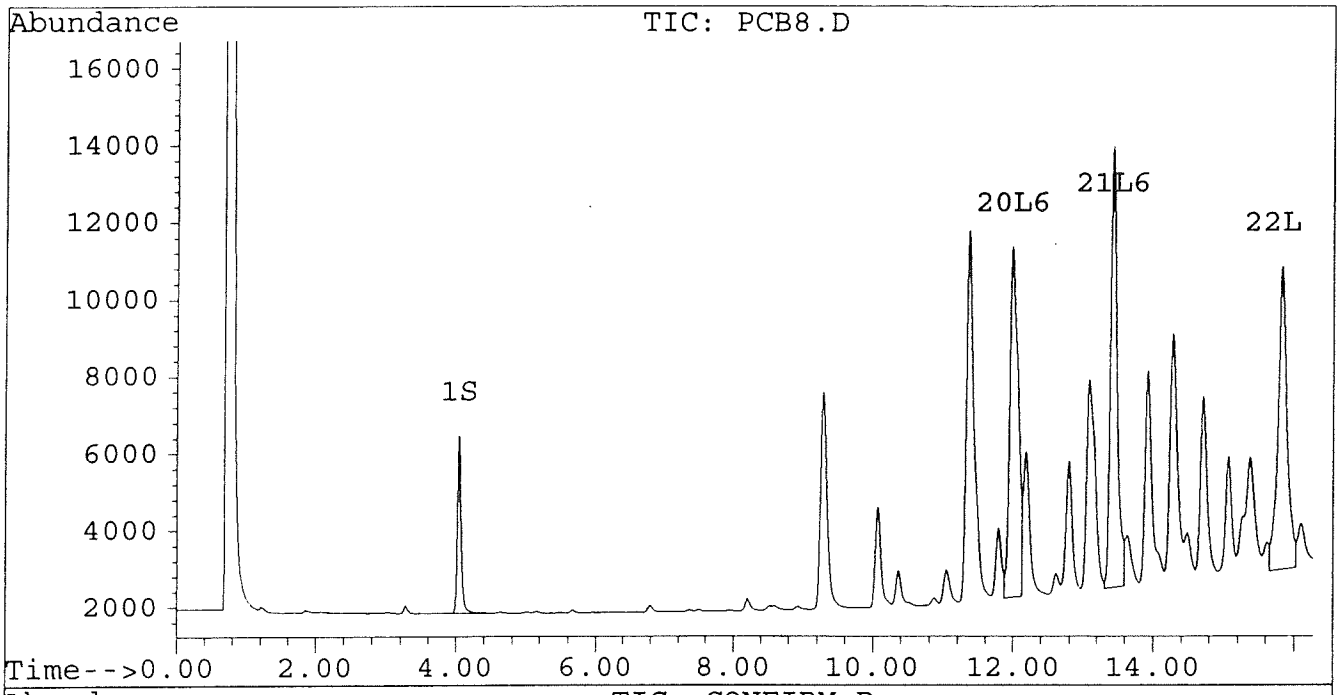
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.98	15.44	9119	8694	0.384	0.434
21) L6	Aroclor-1254 {2}	13.43	15.68	11440	9482	0.362	0.444
22) L6	Aroclor-1254 {3}	15.83	17.54	7858	12956	0.362	0.453 #
Total	Aroclor-1254			28417	31132	1.108	1.331
Average	Aroclor-1254					0.369	0.444
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

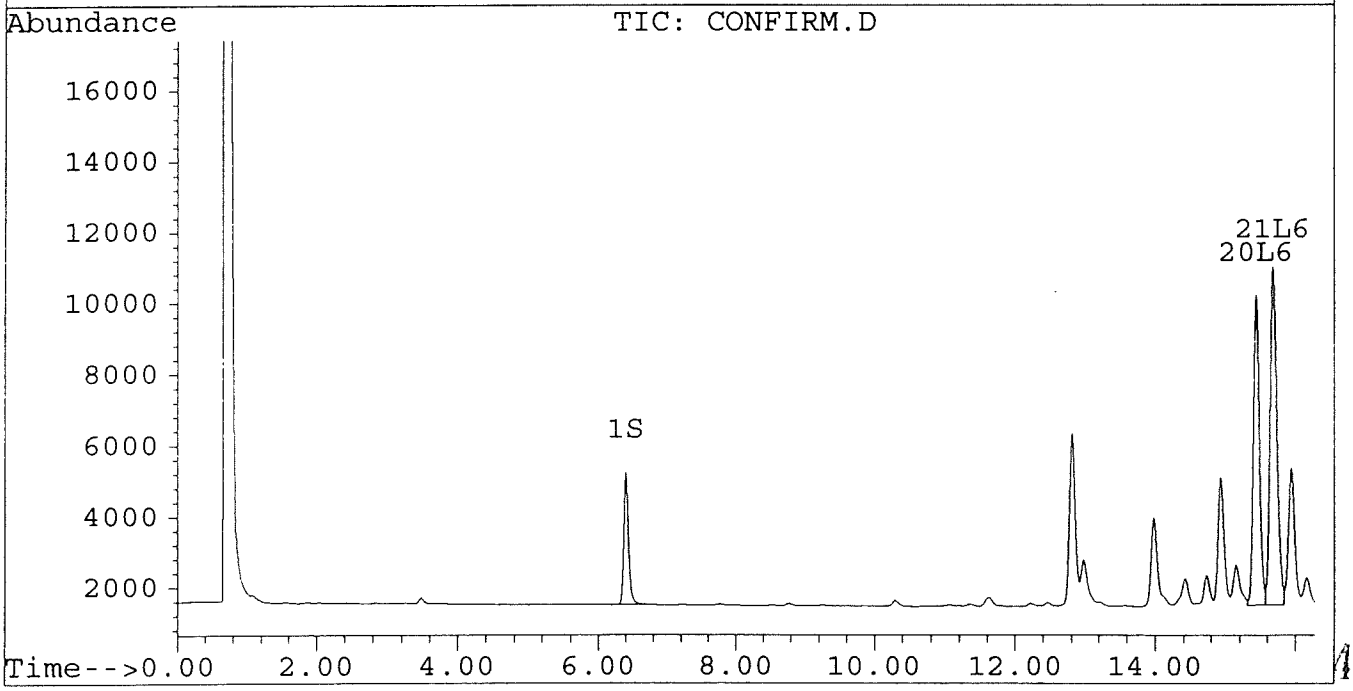
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB8.D 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





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

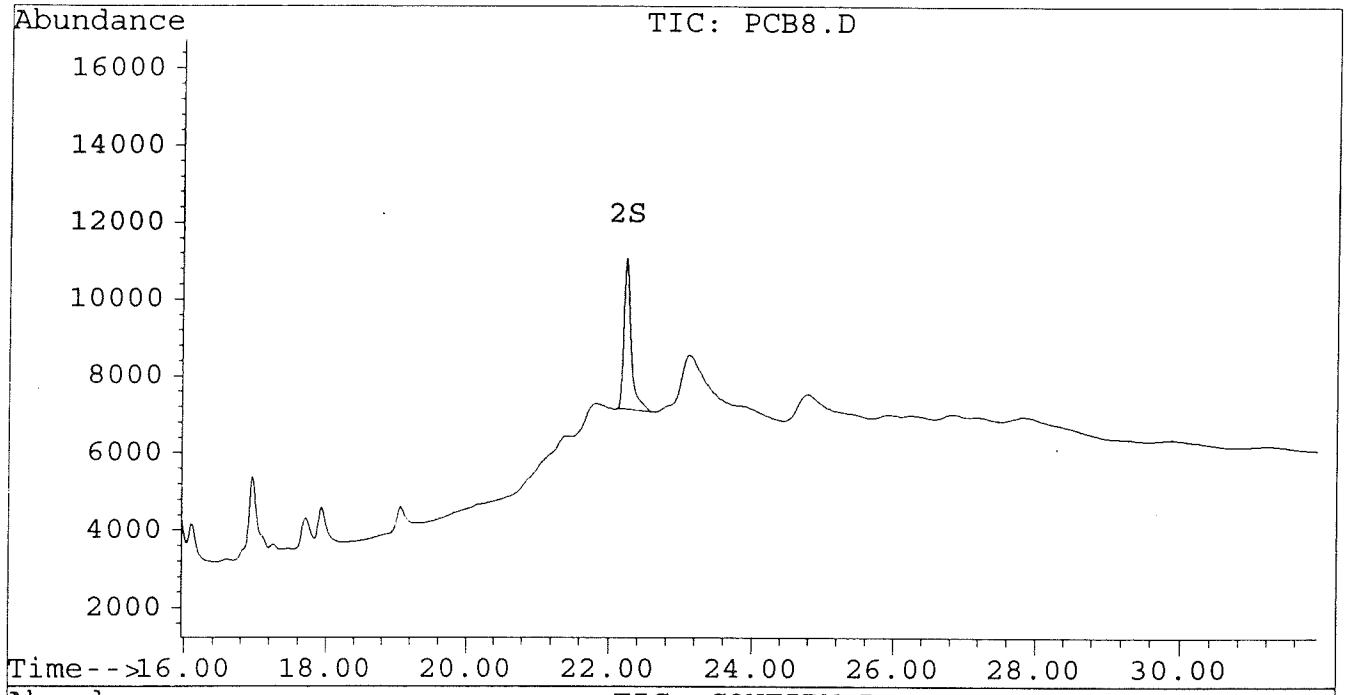
Vial: 8

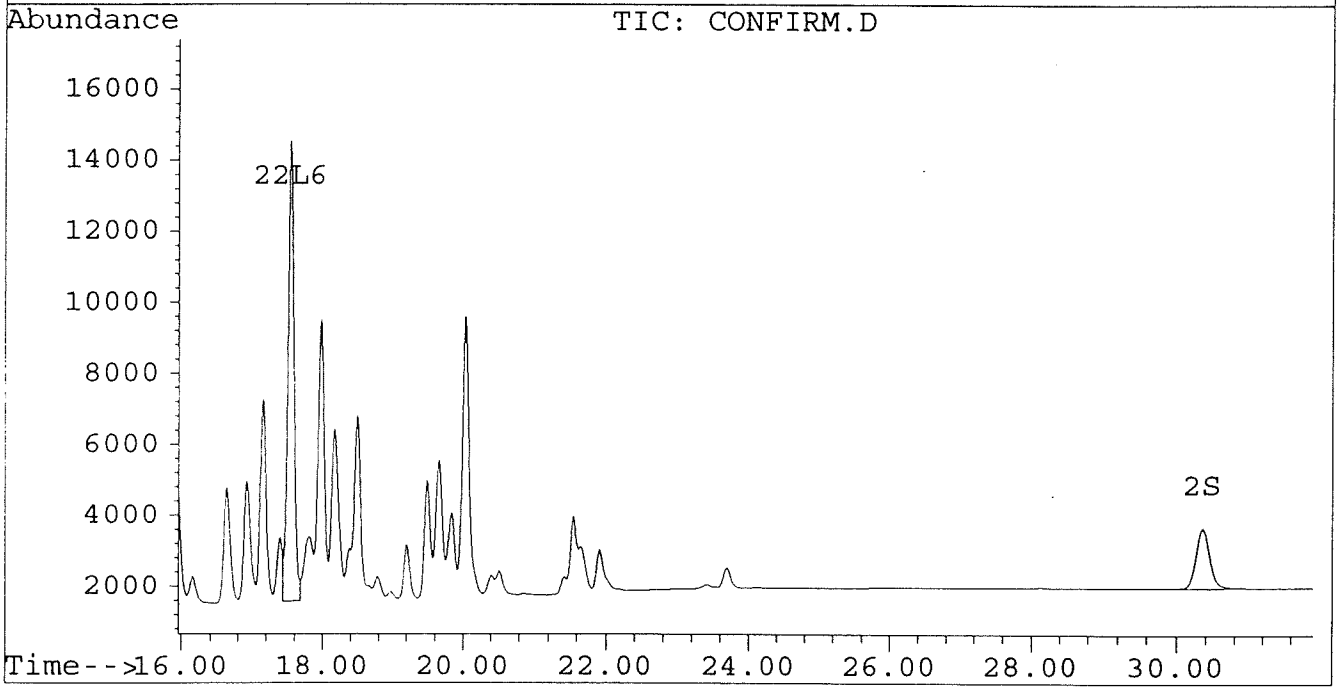
Operator: JS
Inst : ECD1
Multiplr: 1.00

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

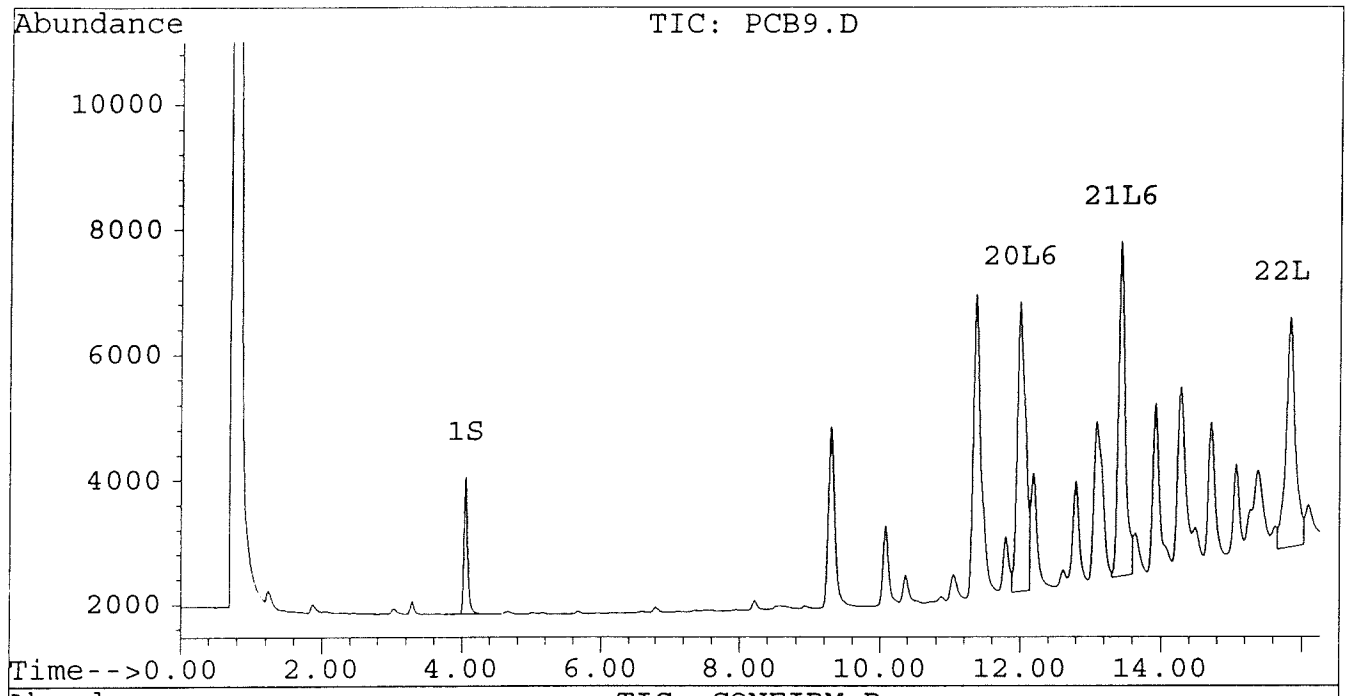
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

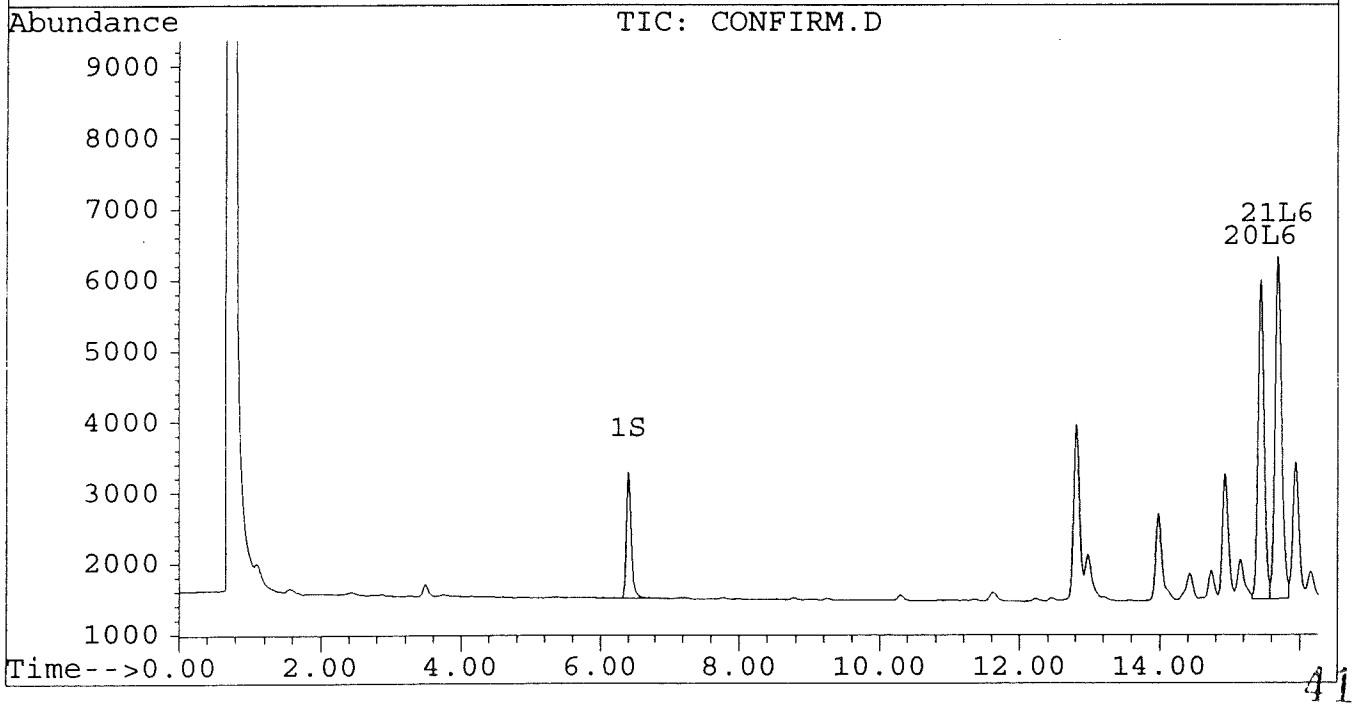
Quantitation Report

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





411

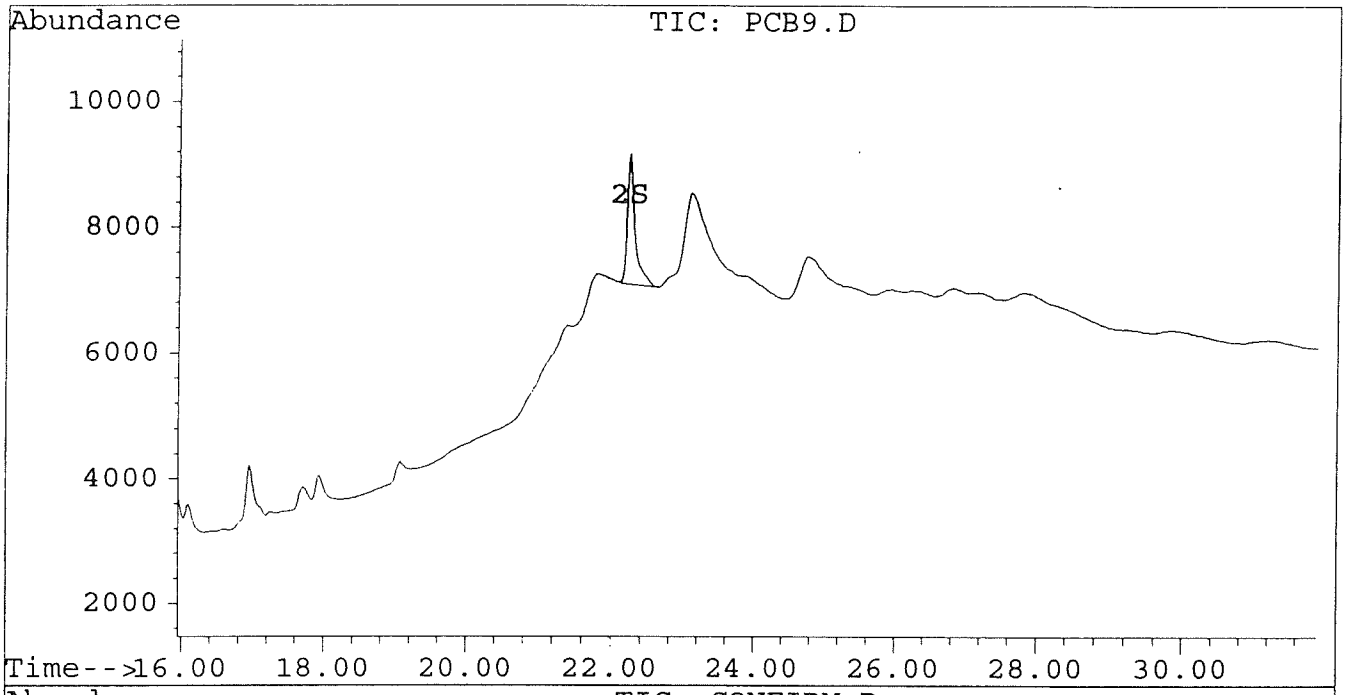
Quantitation Report

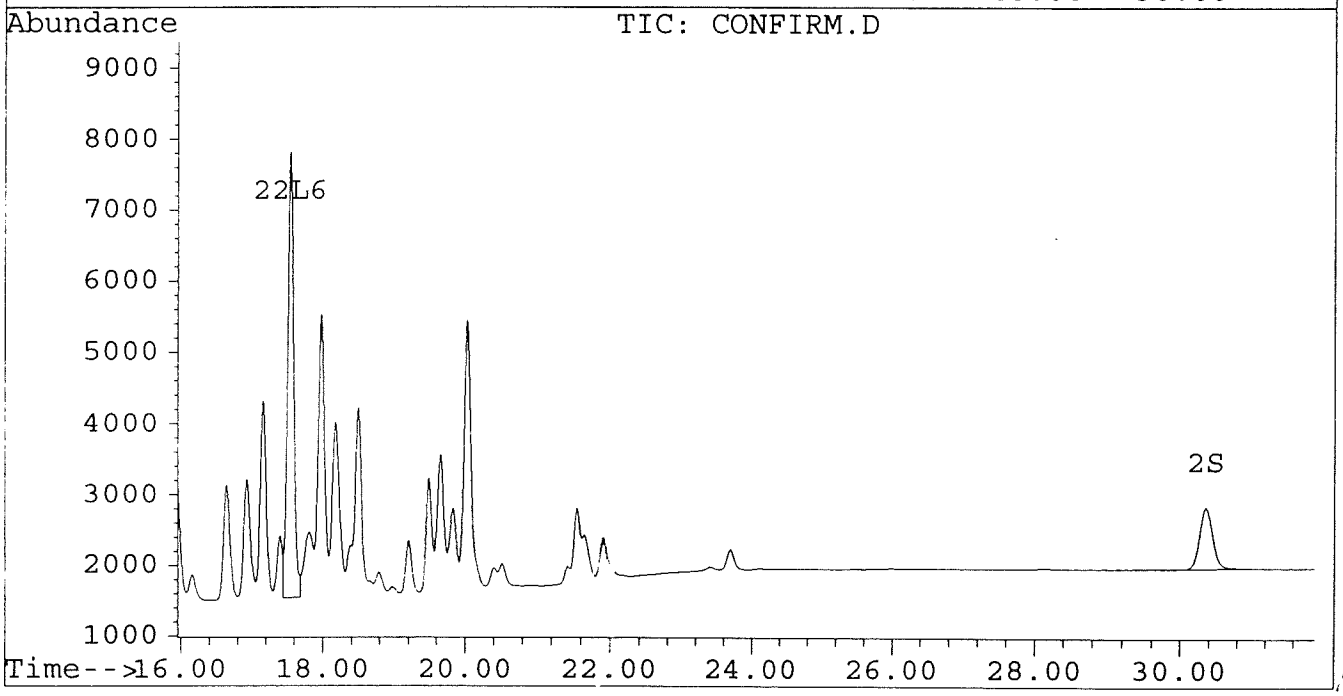
Signal #1 : D:\HPCHEM\5\JUN27A\PCB9.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB9.D\CONFIRM.D
Acq On : 27 Jun 96 10:20 PM
Sample : AR1254 0.5 UG/ML
Misc :
Quant Time: Jun 28 11:07 1996

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

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

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

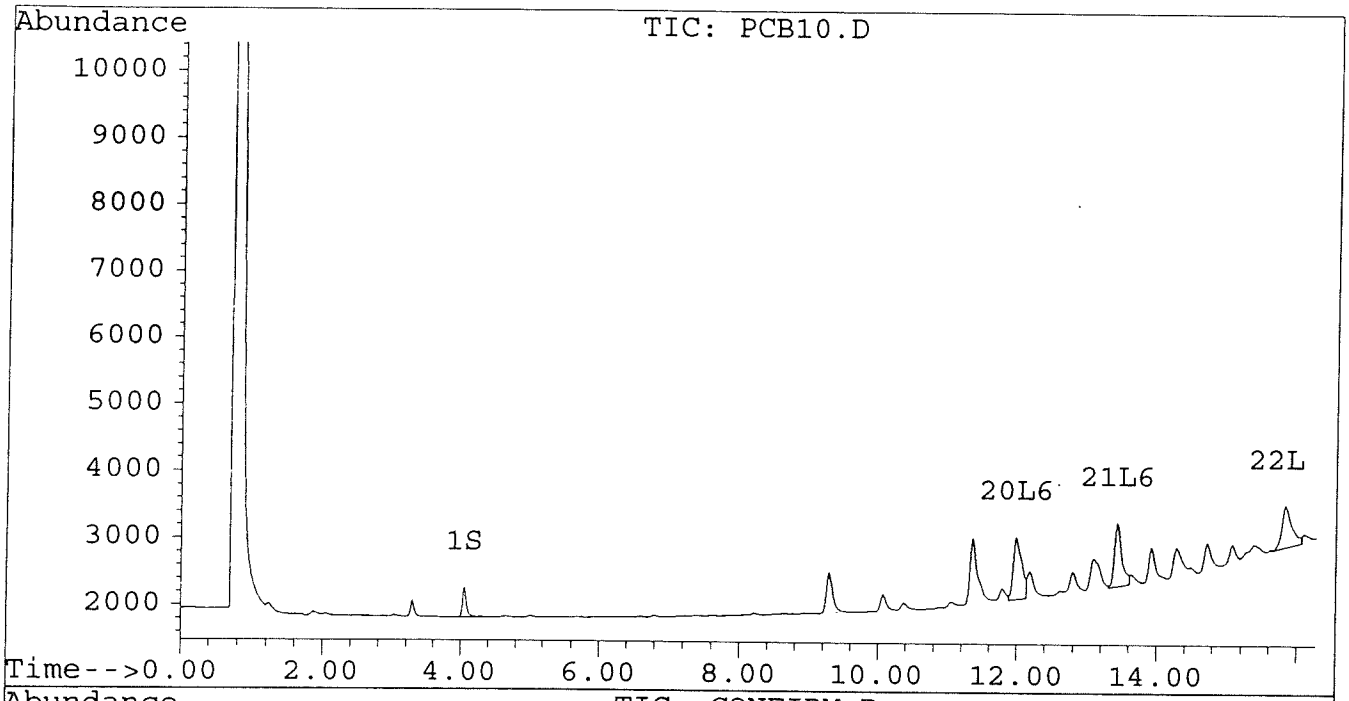
Vial: 10

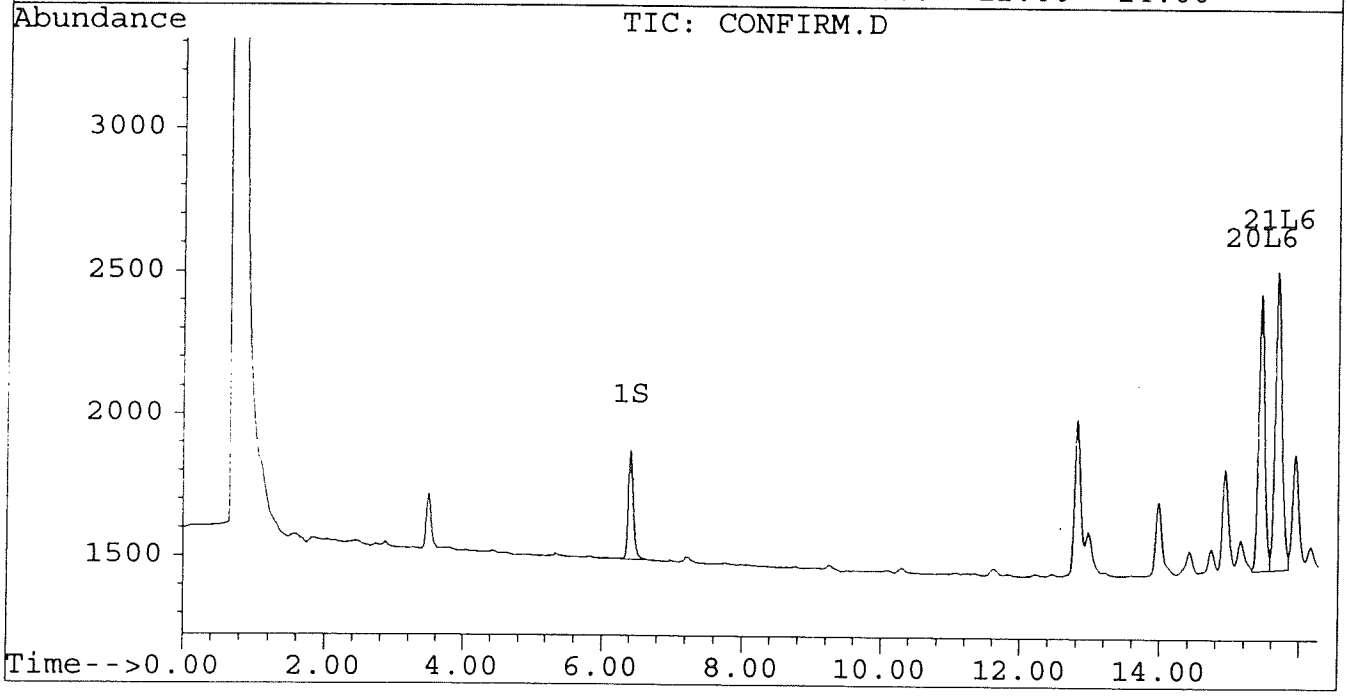
Operator: JS
Inst : ECD1
Multiplr: 1.00

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





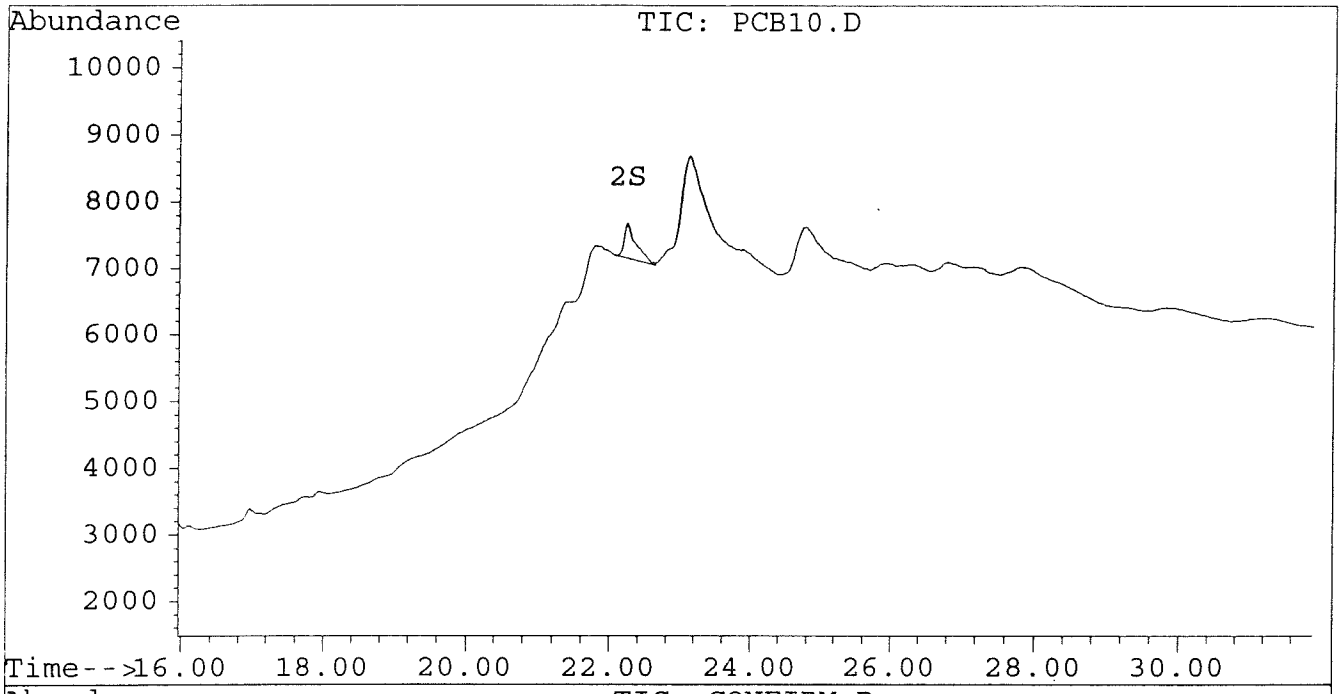
415

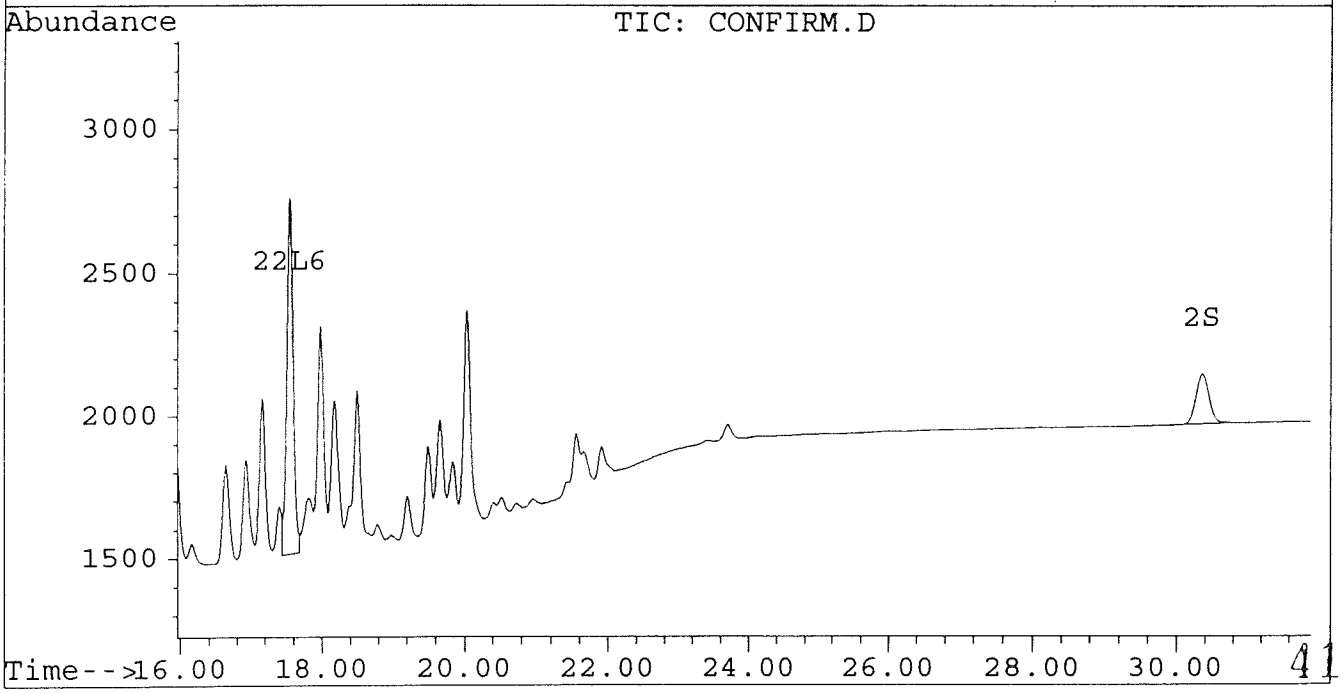
Quantitation Report

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





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

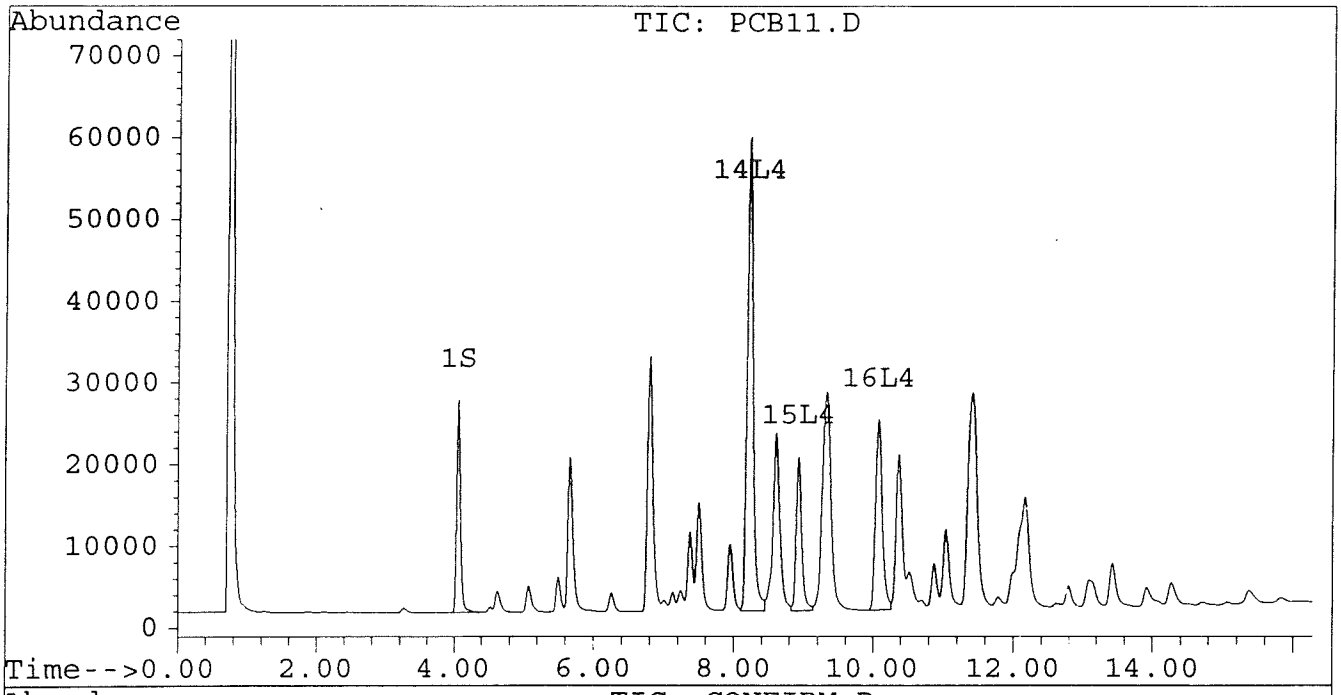
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

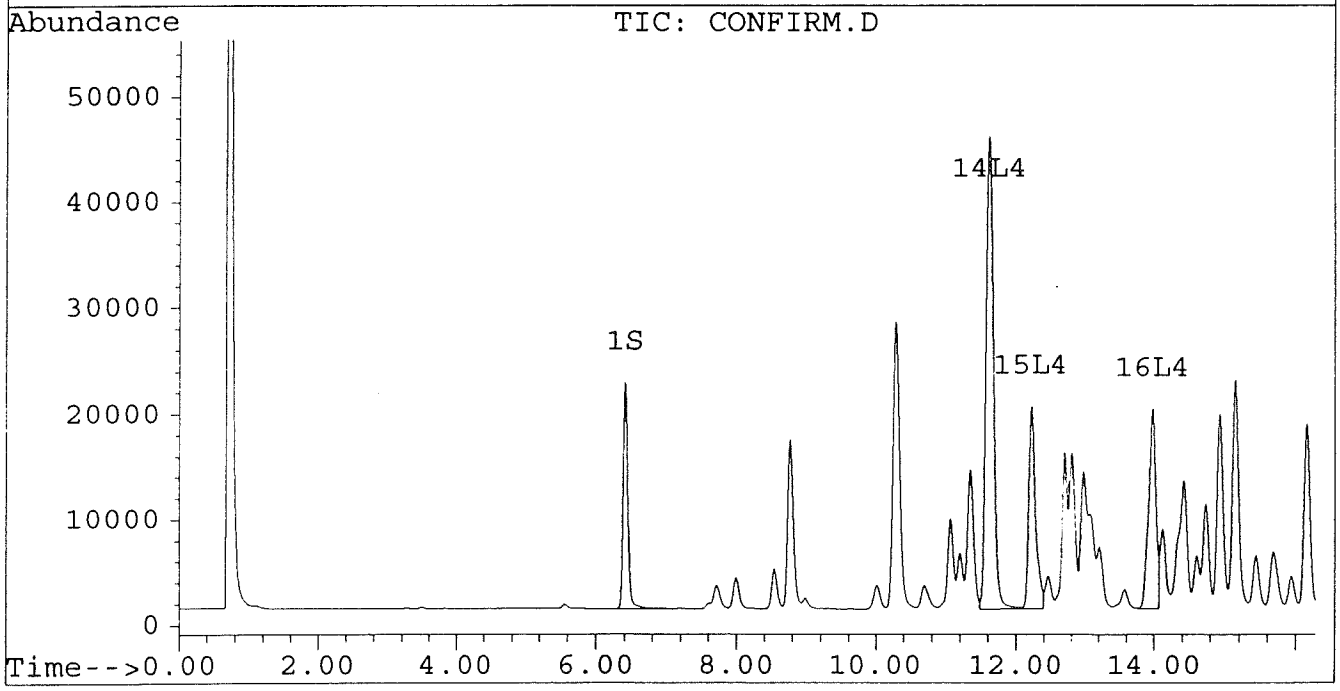
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB11.D 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





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

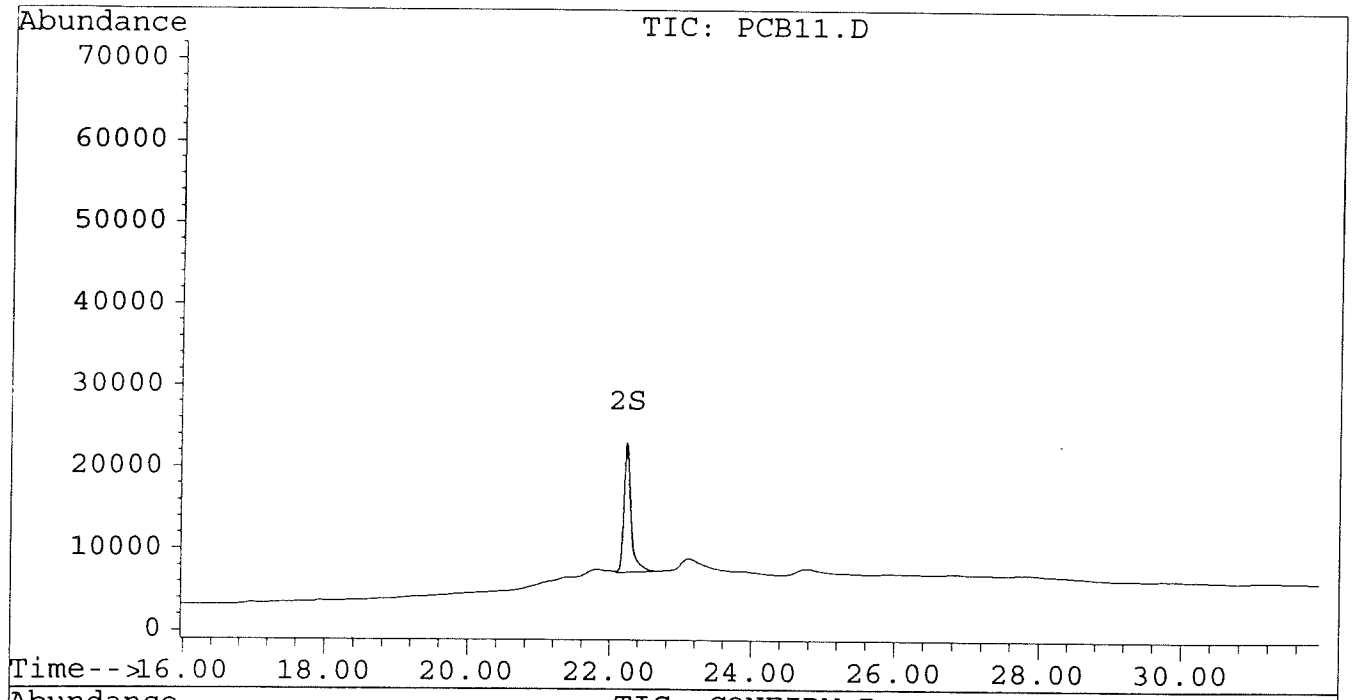
Vial: 11

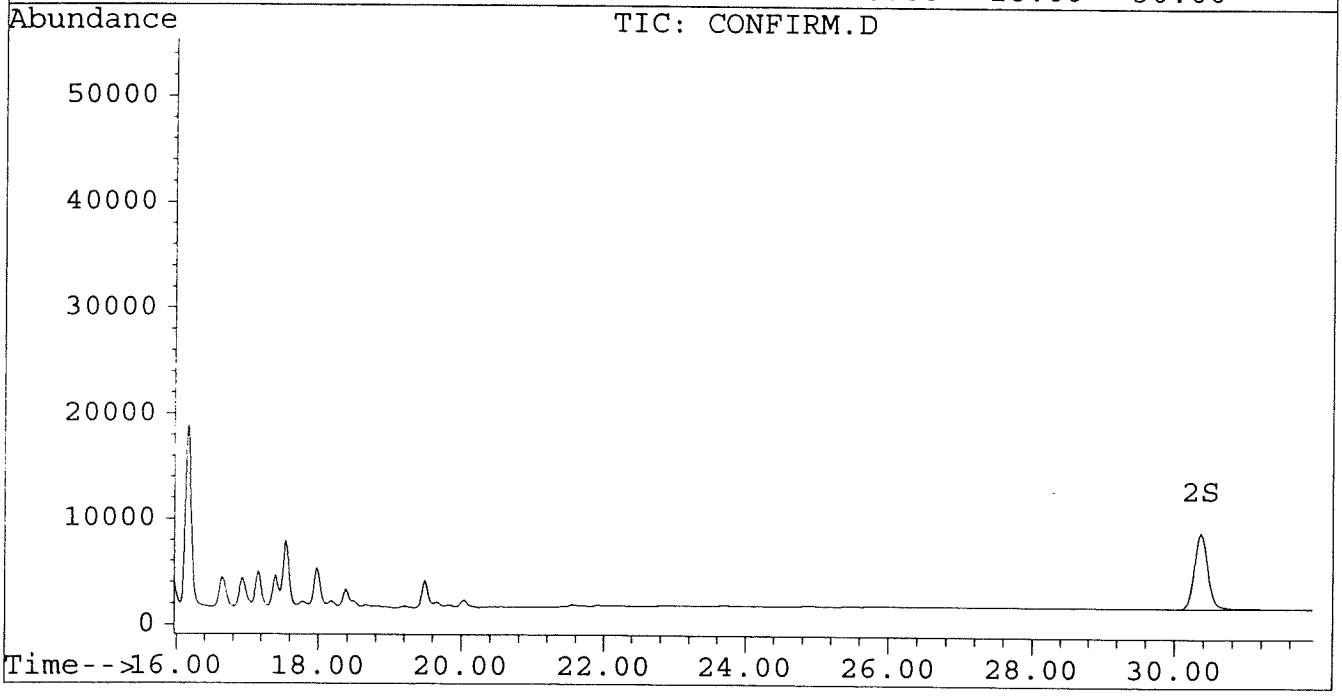
Operator: JS
Inst : ECD1
Multiplr: 1.00

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 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
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

42

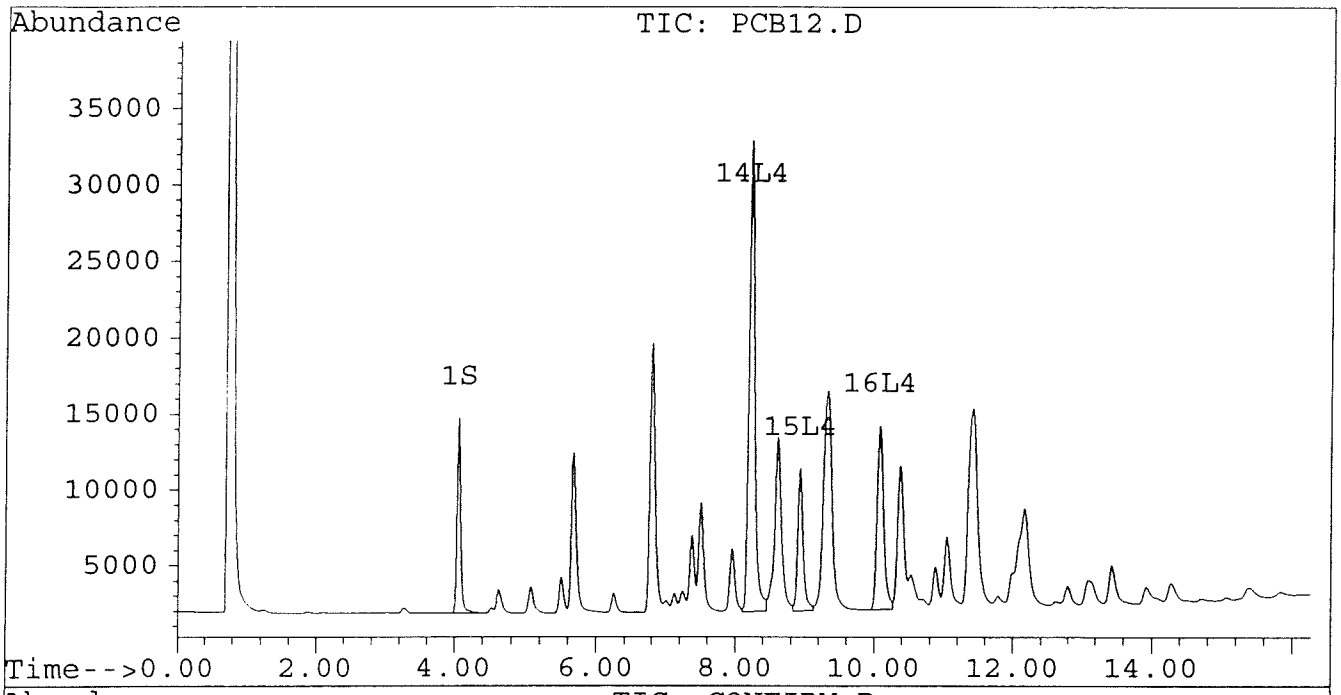
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

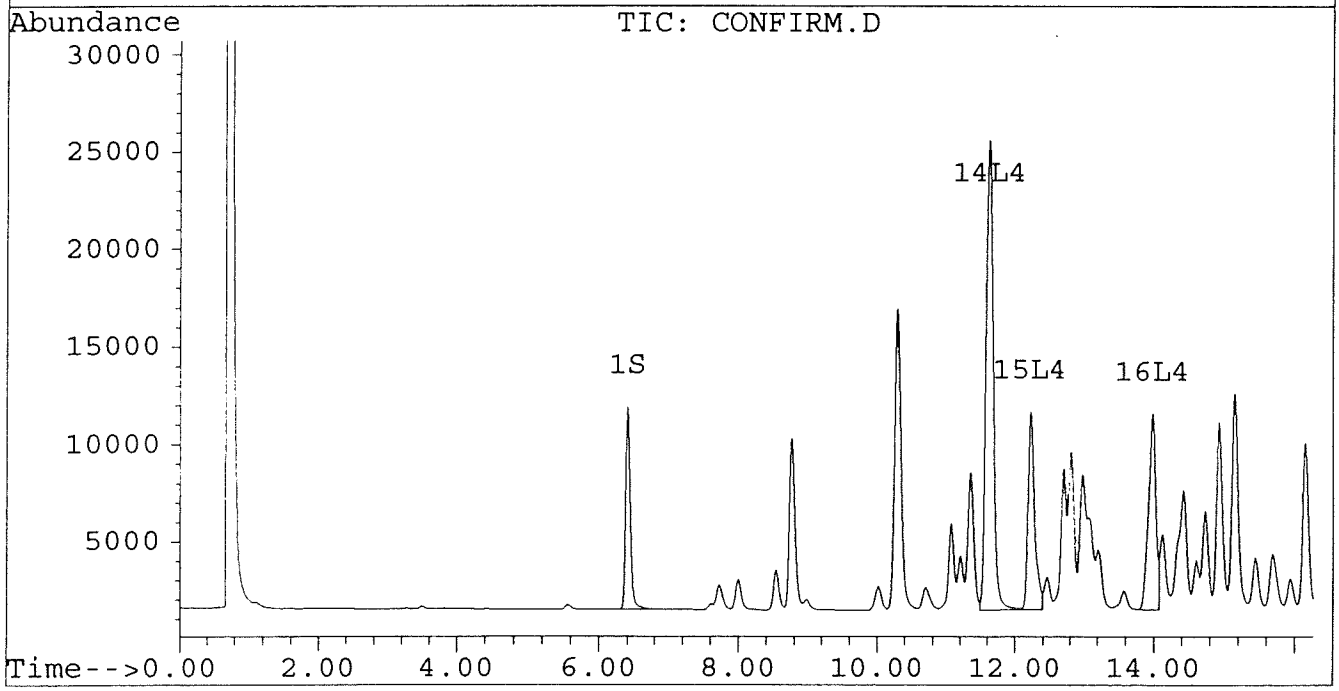
Quantitation Report

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





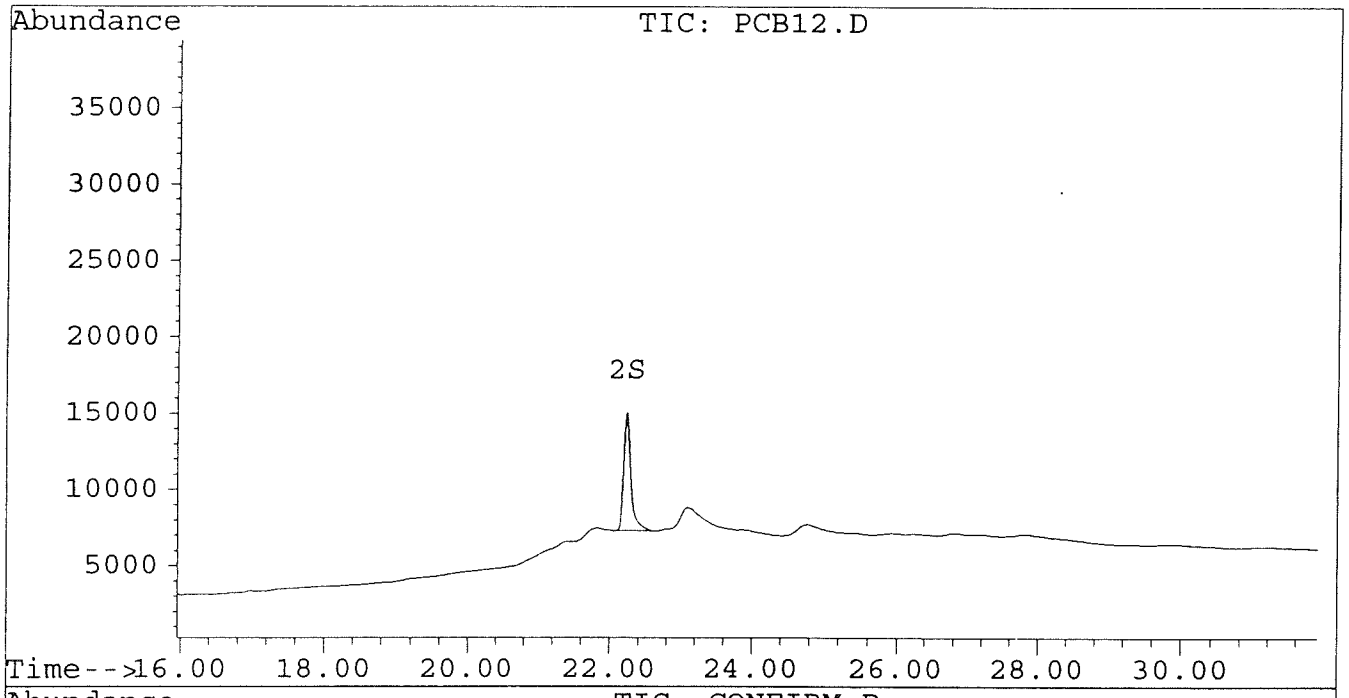
423

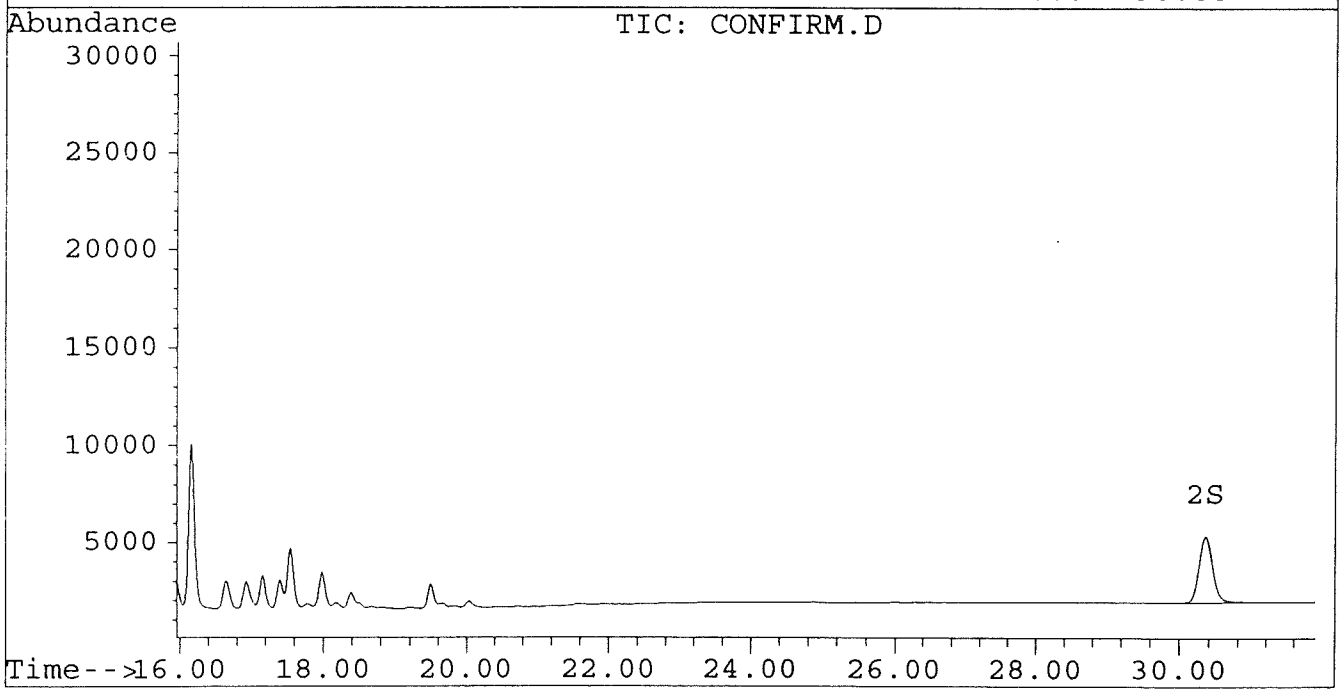
Quantitation Report

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





424

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

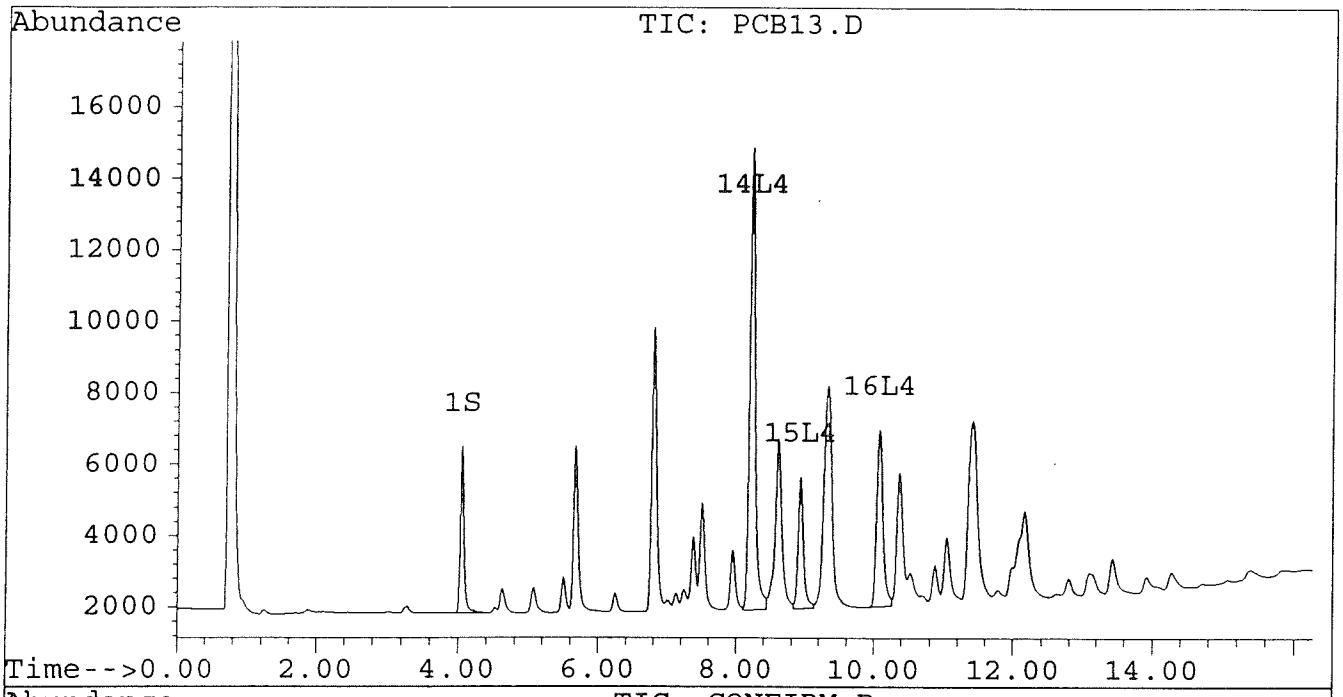
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
PCB13.D PCB1E.M Wed Jul 10 09:49:45 1996 HPPC Page 2

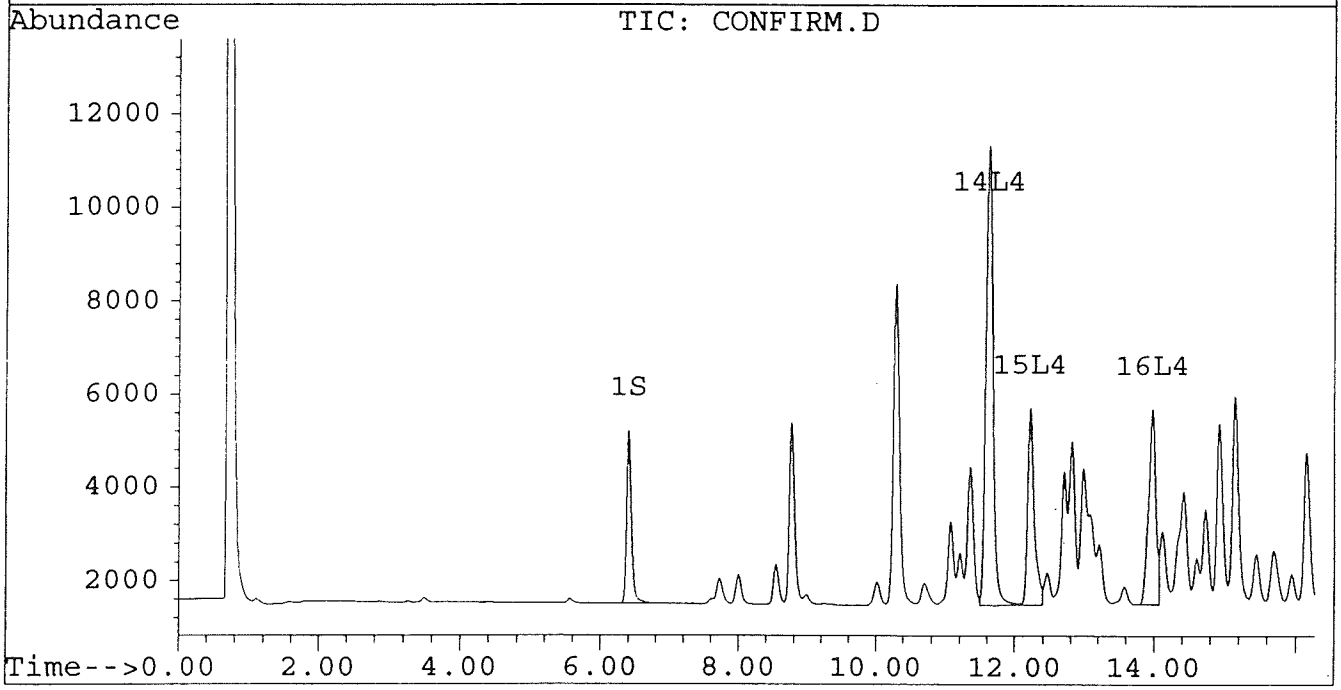
Quantitation Report

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





426

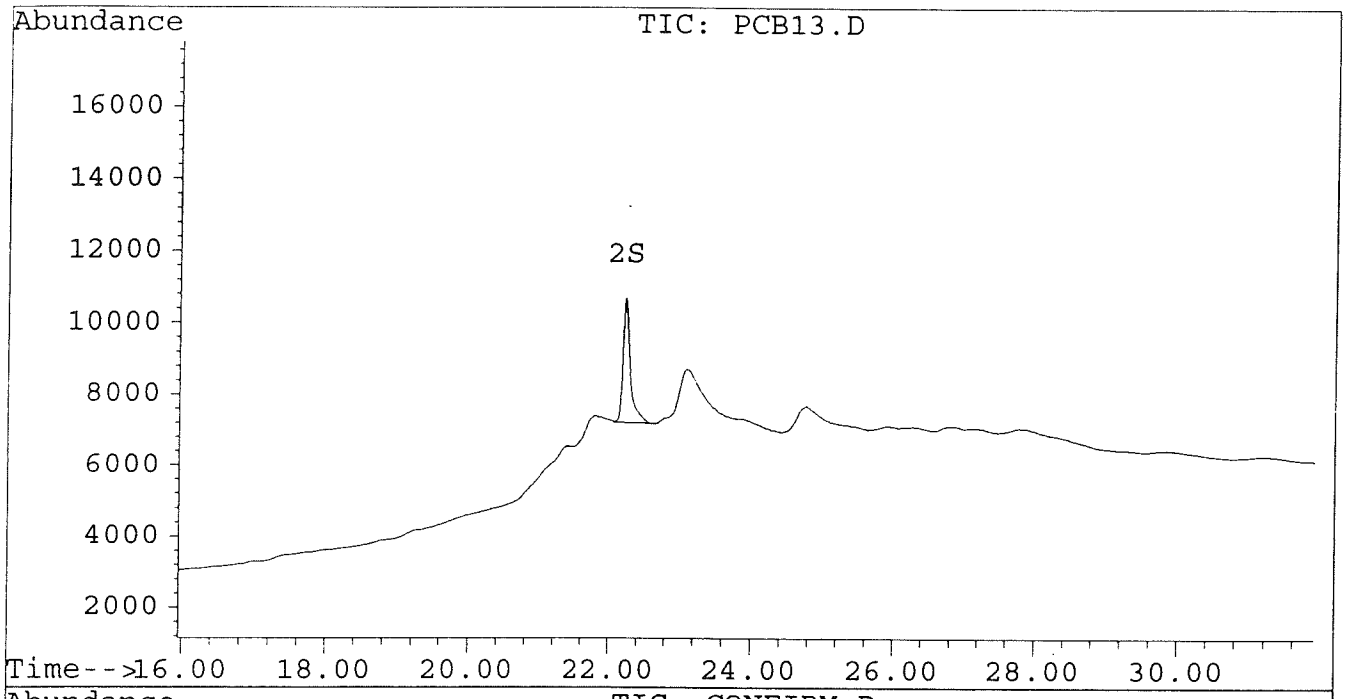
Quantitation Report

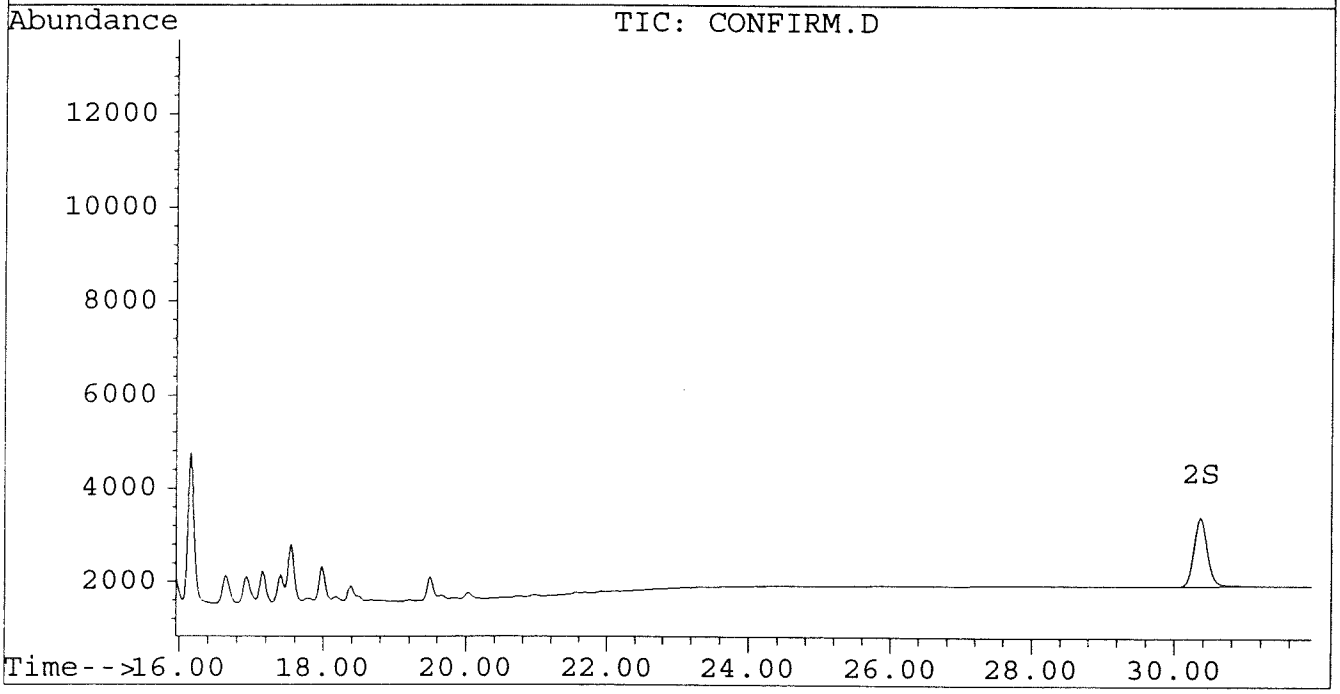
Signal #1 : D:\HPCHEM\5\JUN27A\PCB13.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB13.D\CONFIRM.D
Acq On : 28 Jun 96 00:42 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jun 28 11:22 1996

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





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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.

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

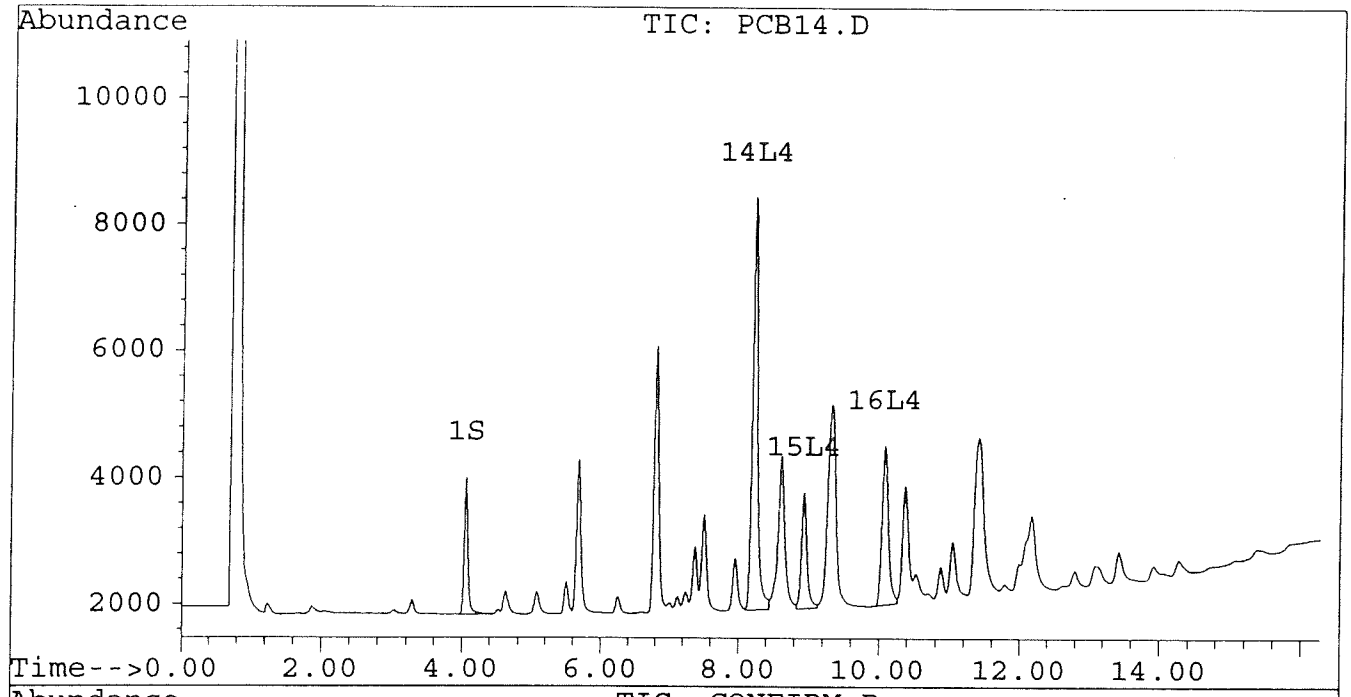
Quantitation Report

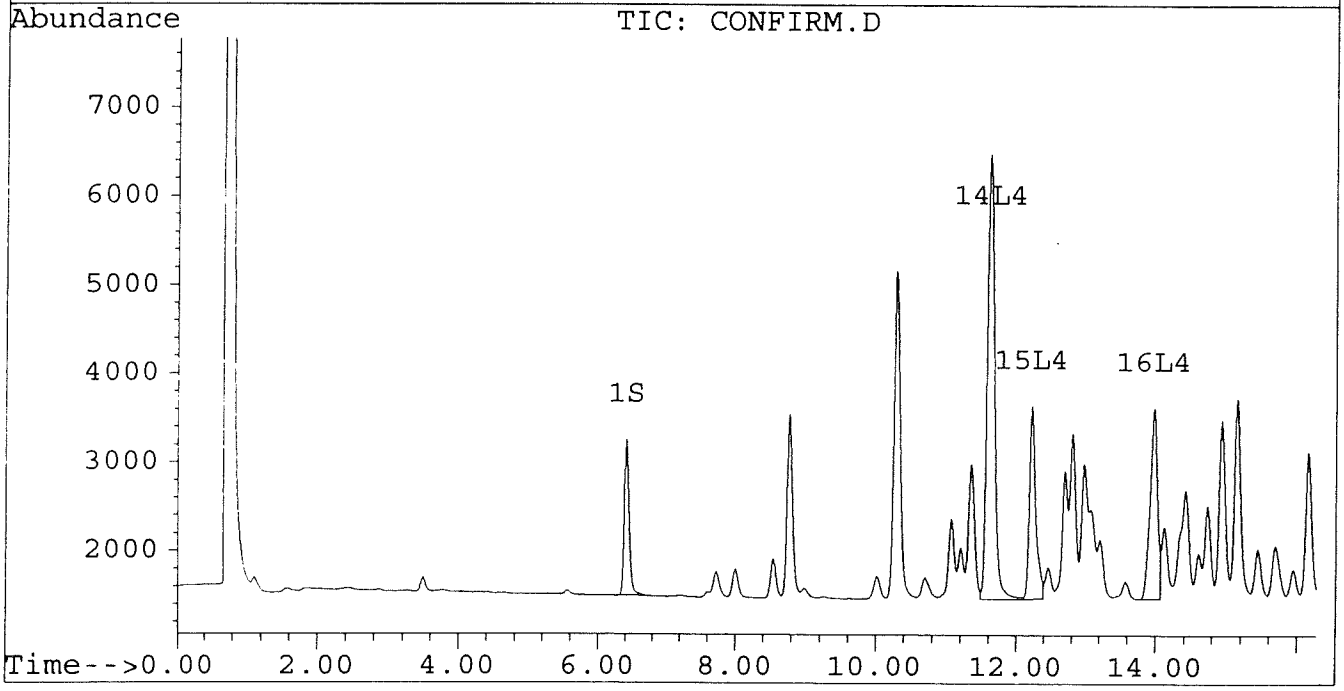
Signal #1 : D:\HPCHEM\5\JUN27A\PCB14.D
Signal #2 : D:\HPCHEM\5\JUN27A\PCB14.D\CONFIRM.D
Acq On : 28 Jun 96 01:18 AM
Sample : AR1242 0.5 UG/ML
Misc :
Quant Time: Jun 28 11:24 1996

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

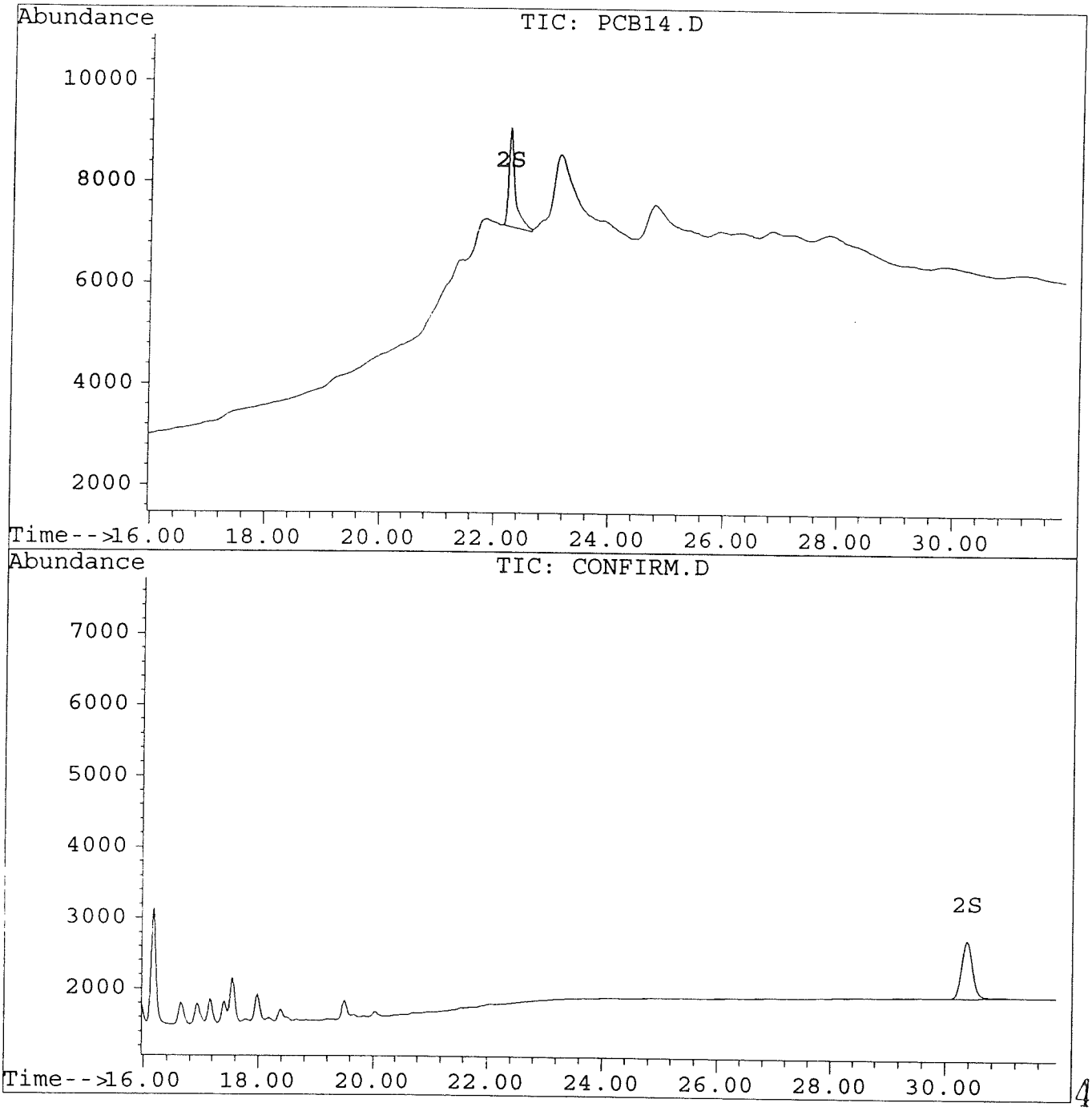
Vial: 14

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



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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

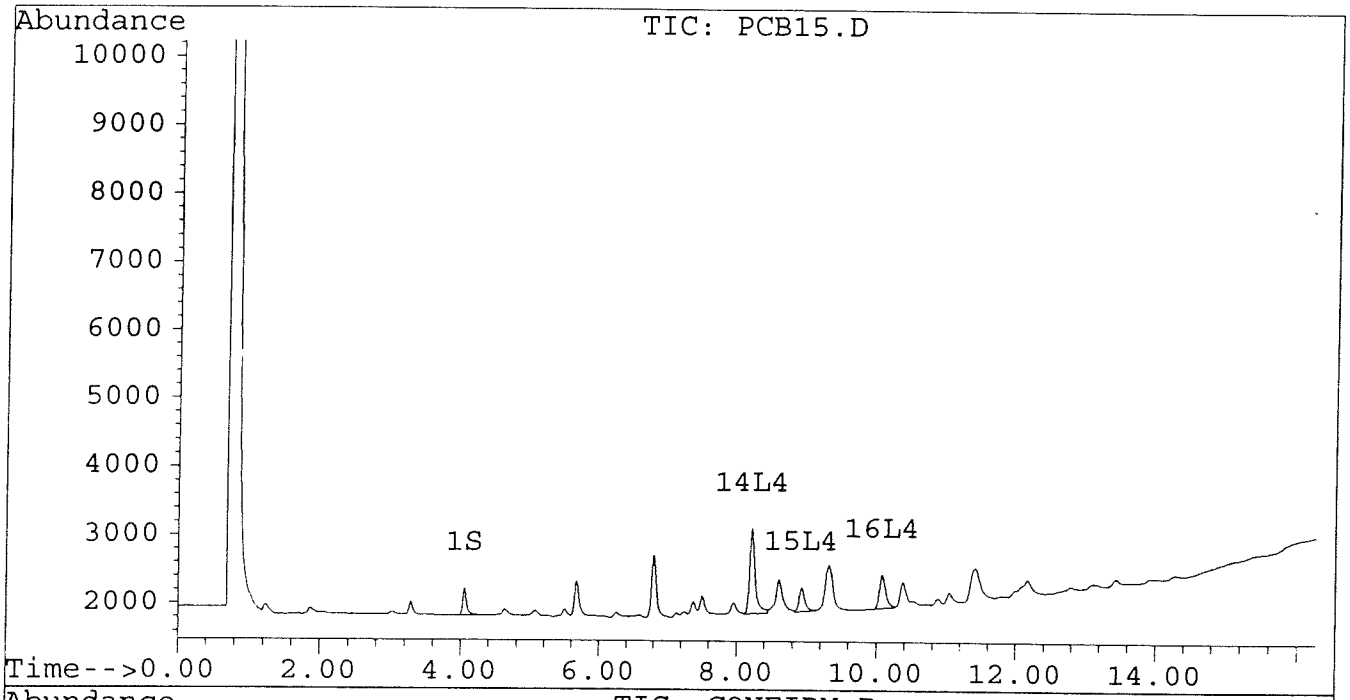
Vial: 15

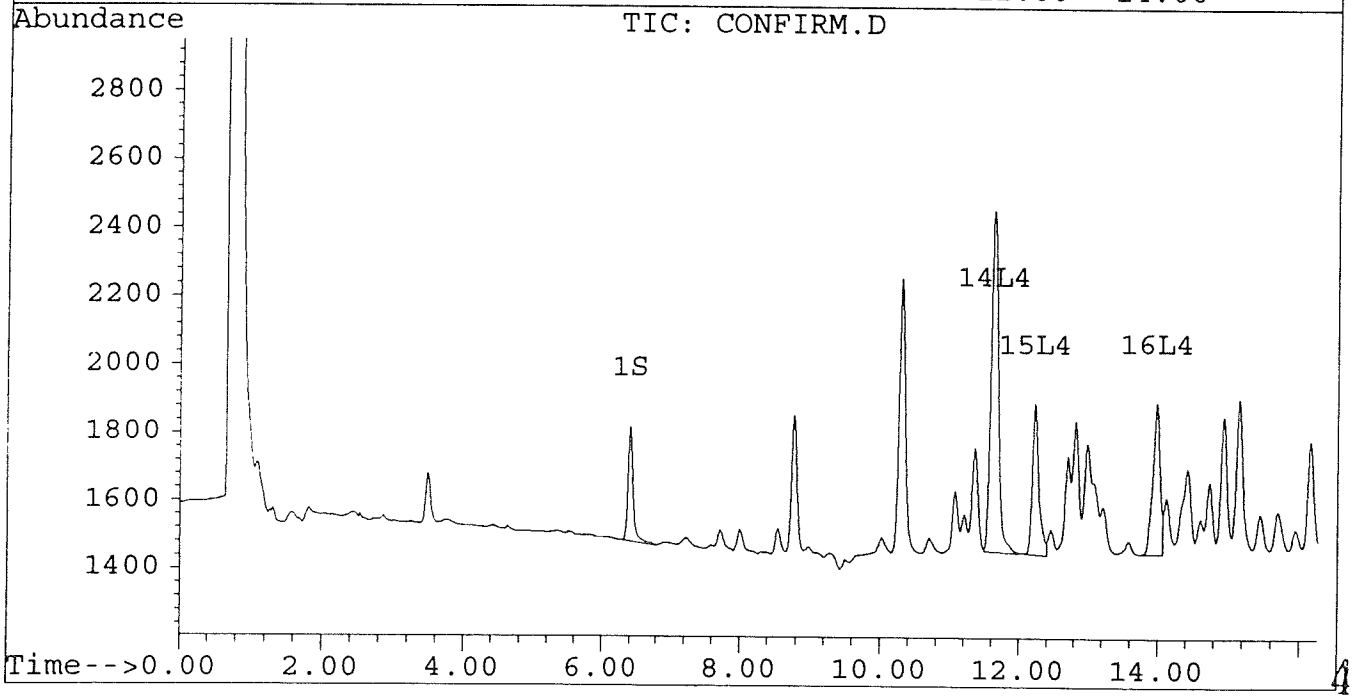
Operator: JS
Inst : ECD1
Multiplr: 1.00

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



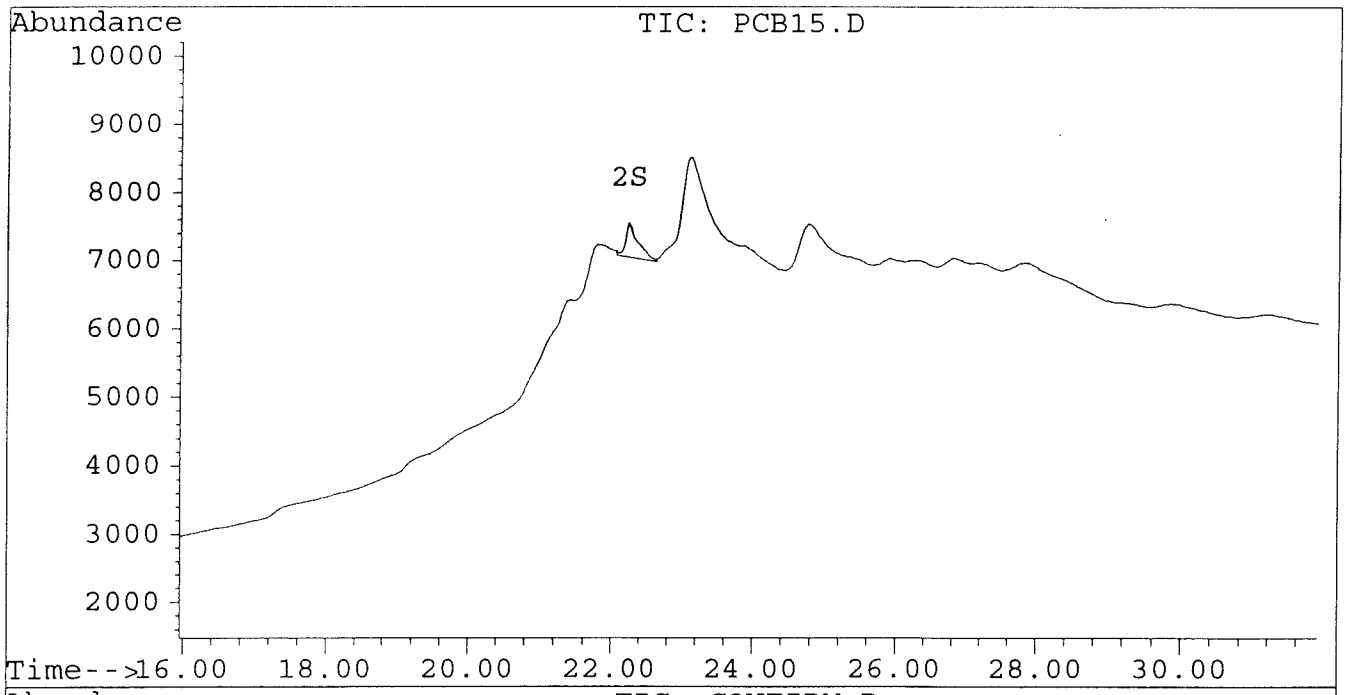


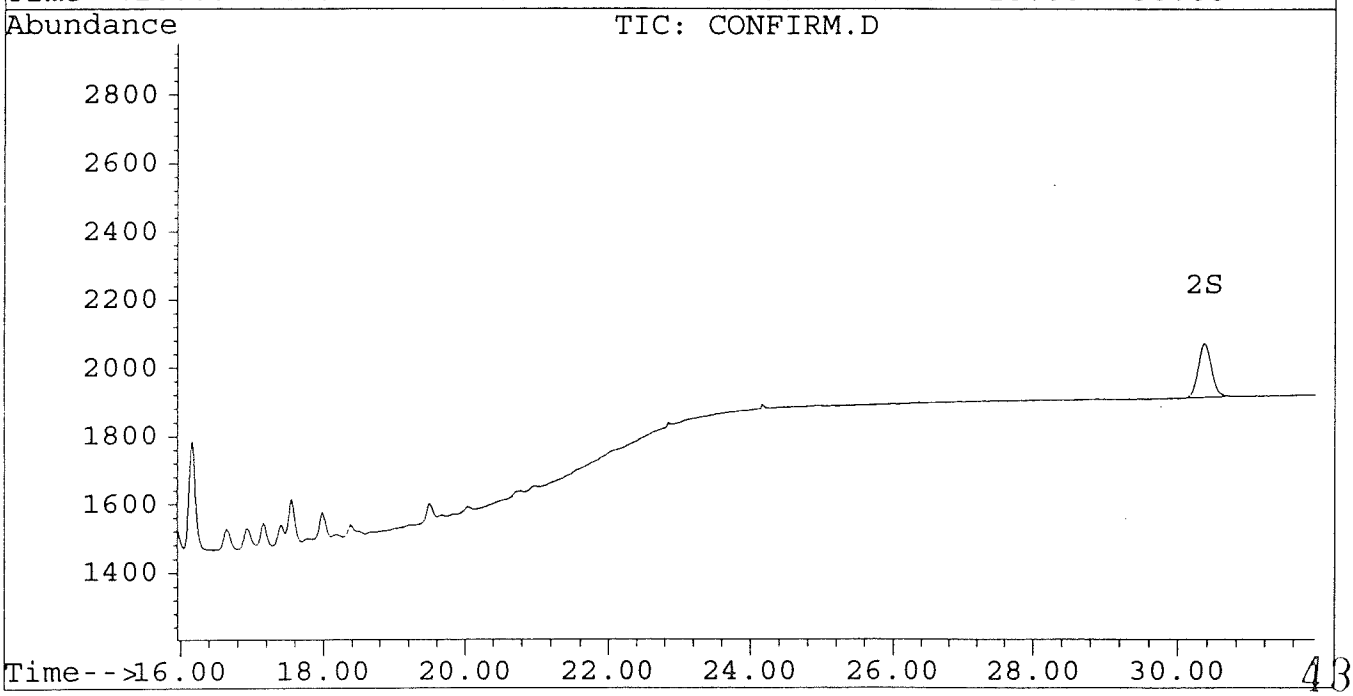
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PCB15.D 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





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.
PS0630A.D PCB1E.M Wed Jul 10 10:14:13 1996 HPPC Page 1

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

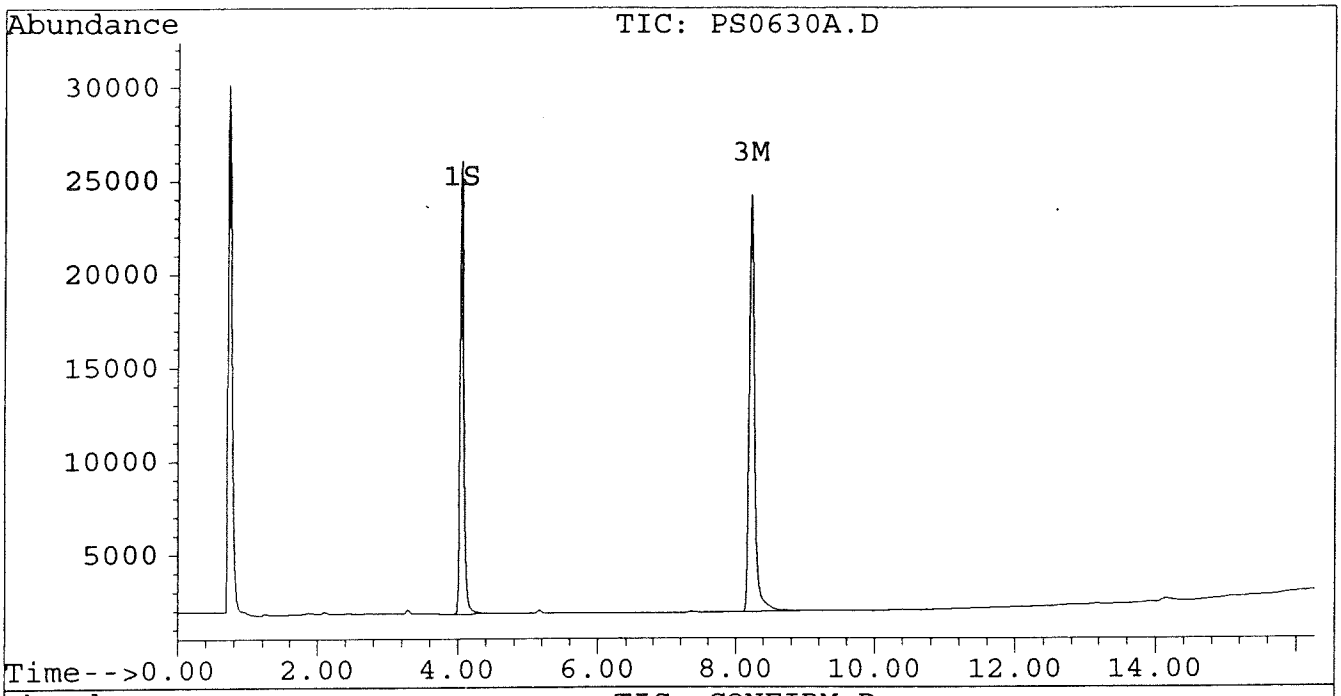
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

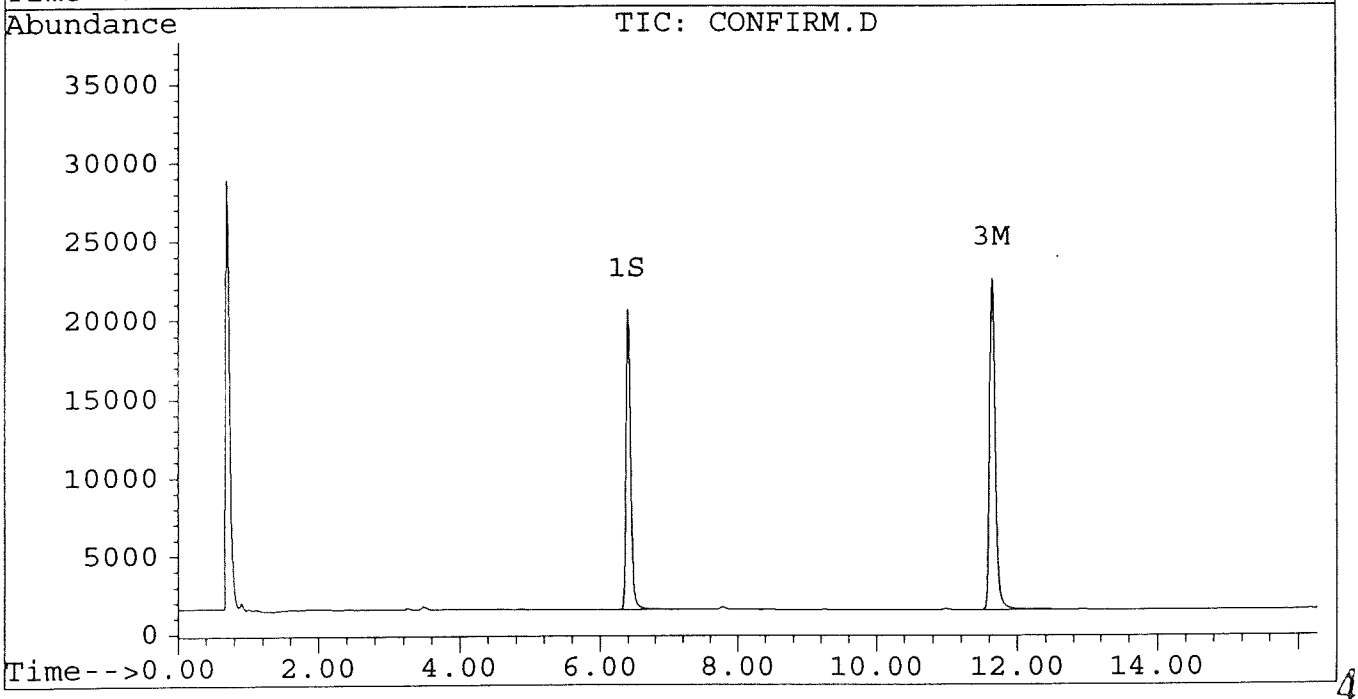
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630A.D 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





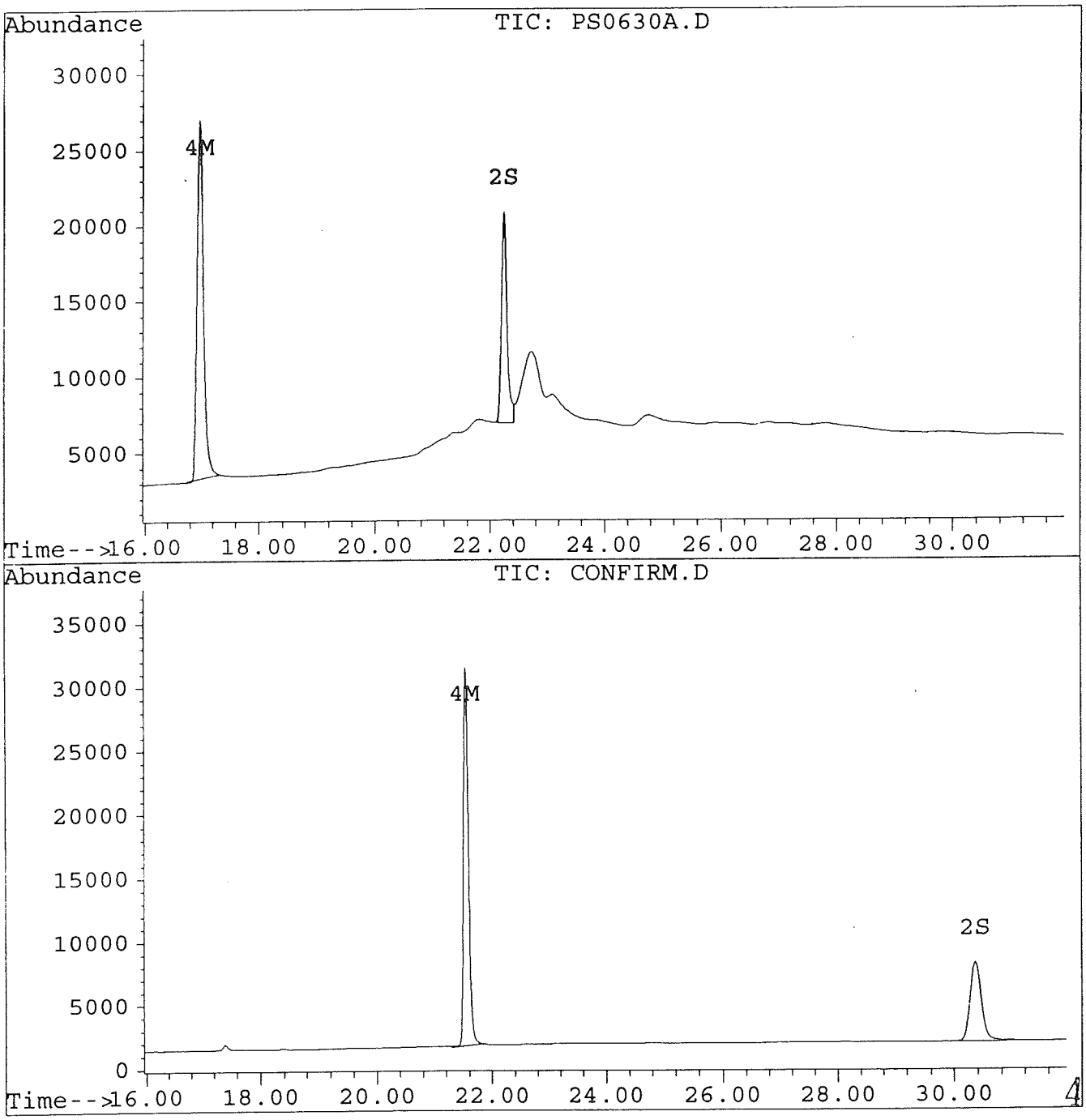
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\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\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.

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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

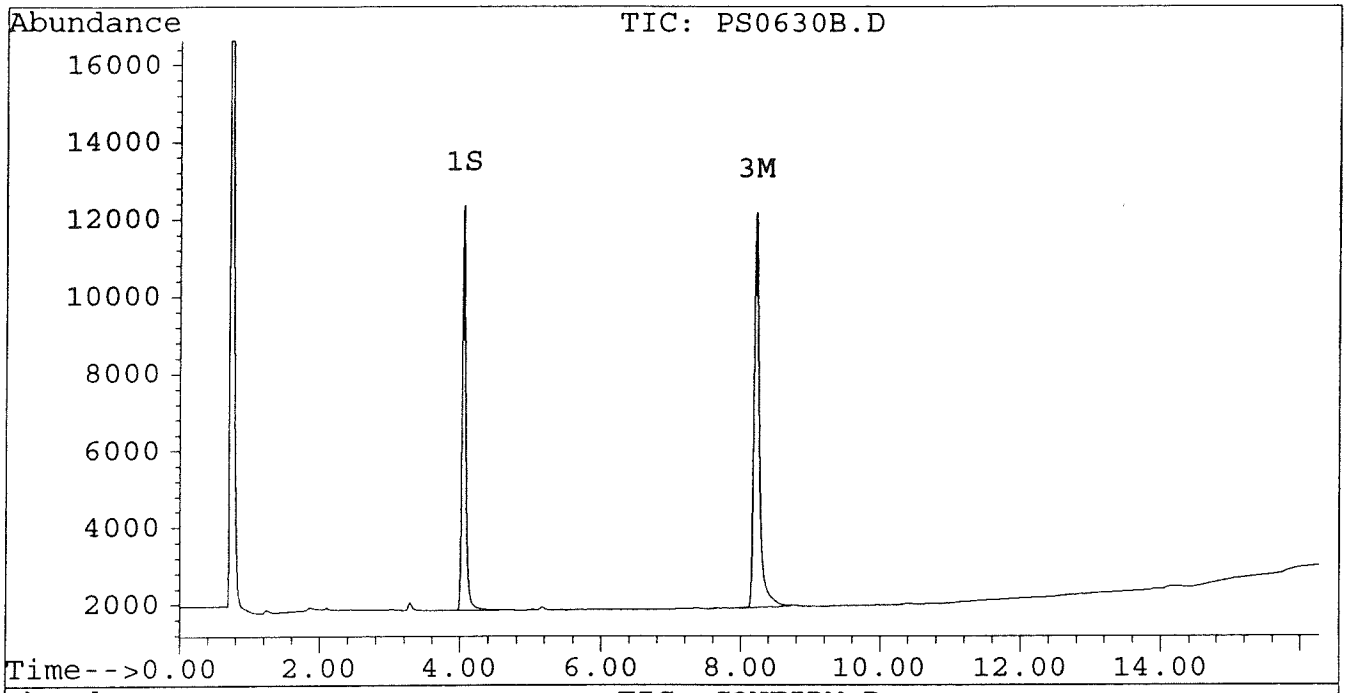
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

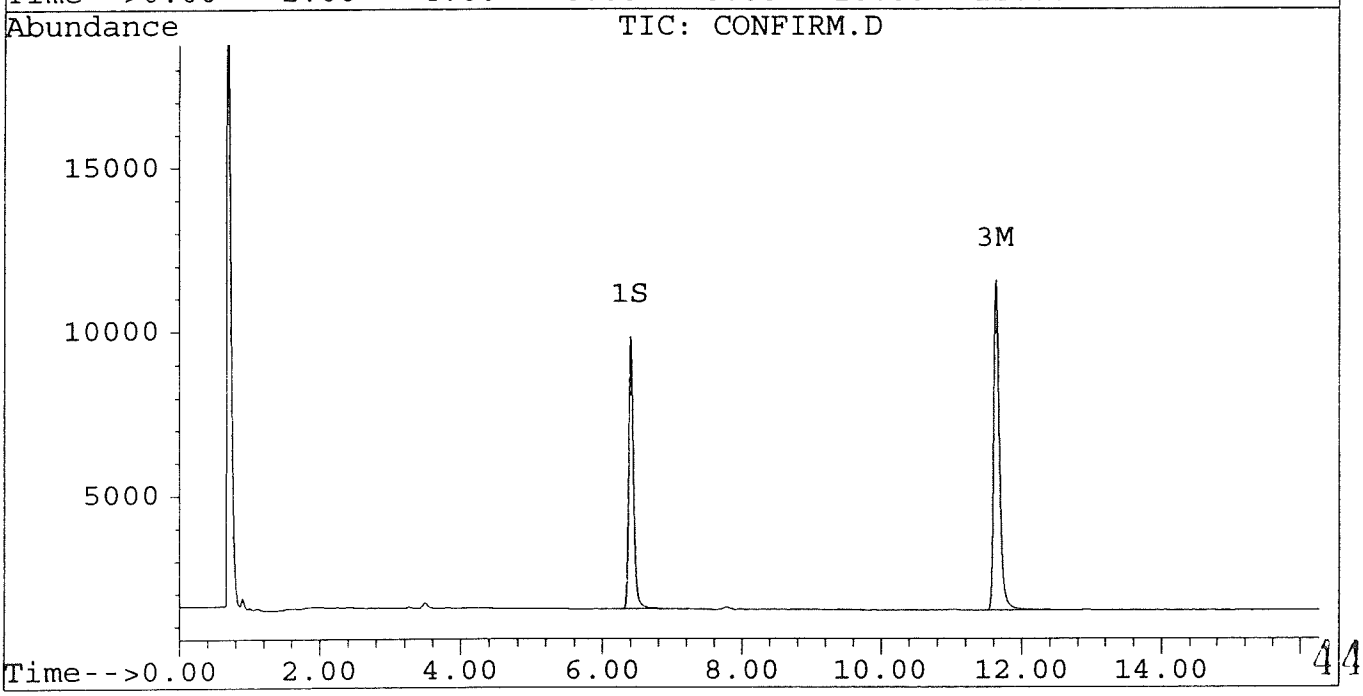
Quantitation Report

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





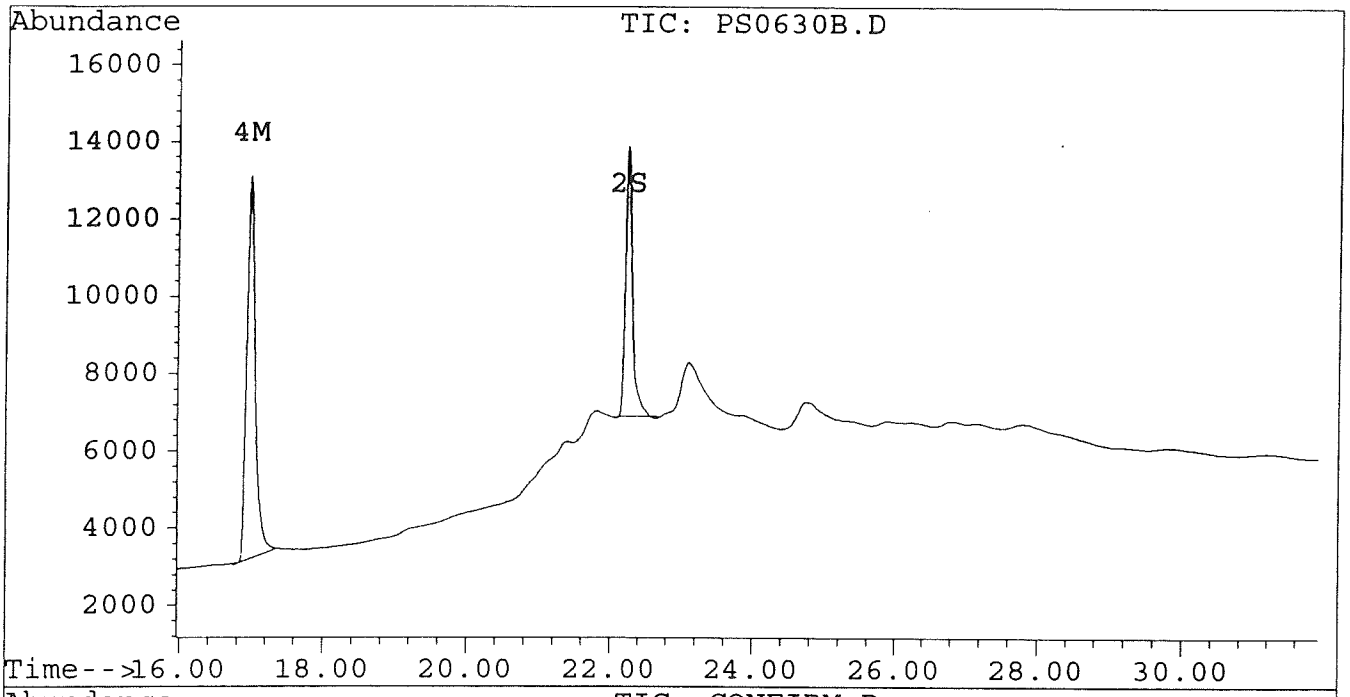
Quantitation Report

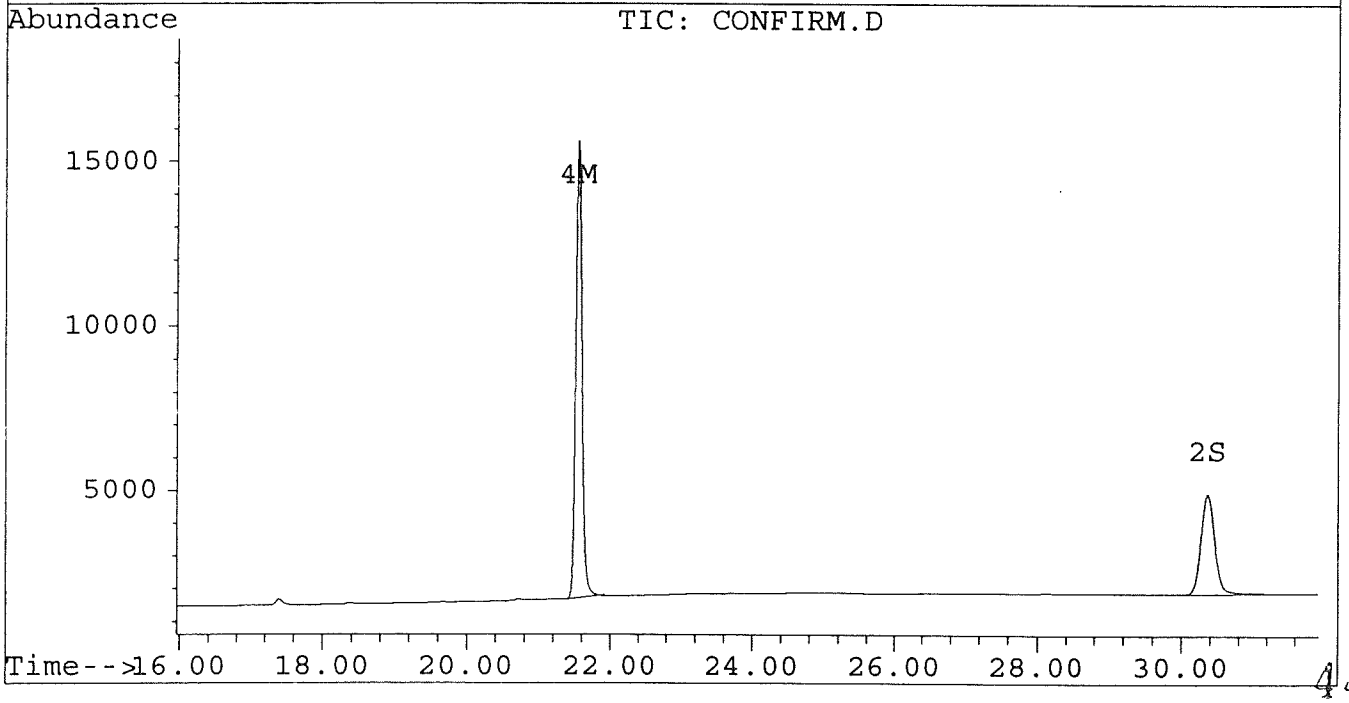
Signal #1 : D:\HPCHEM\5\JUN27A\PS0630B.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630B.D\CONFIRM.D
Acq On : 28 Jun 96 09:35 AM
Sample : PCB COGENER 100 NG/ML
Misc :
Quant Time: Jun 28 13:10 1996

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\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

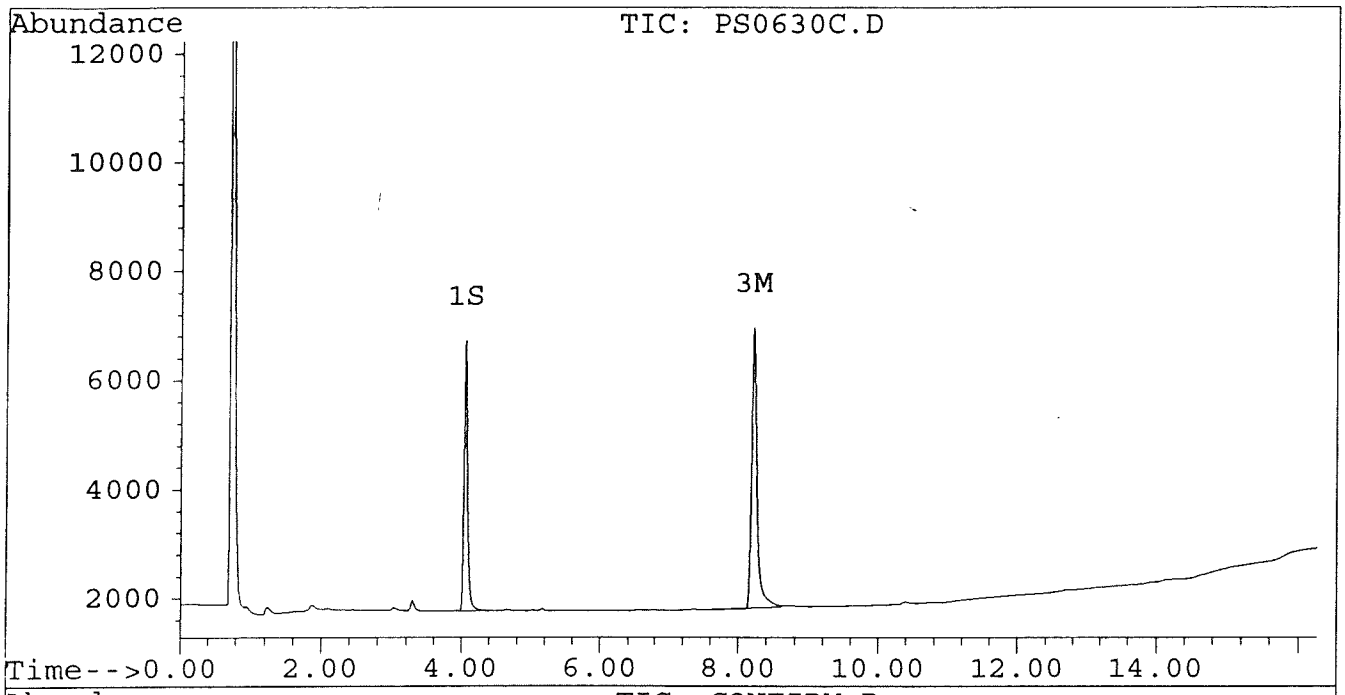
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.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

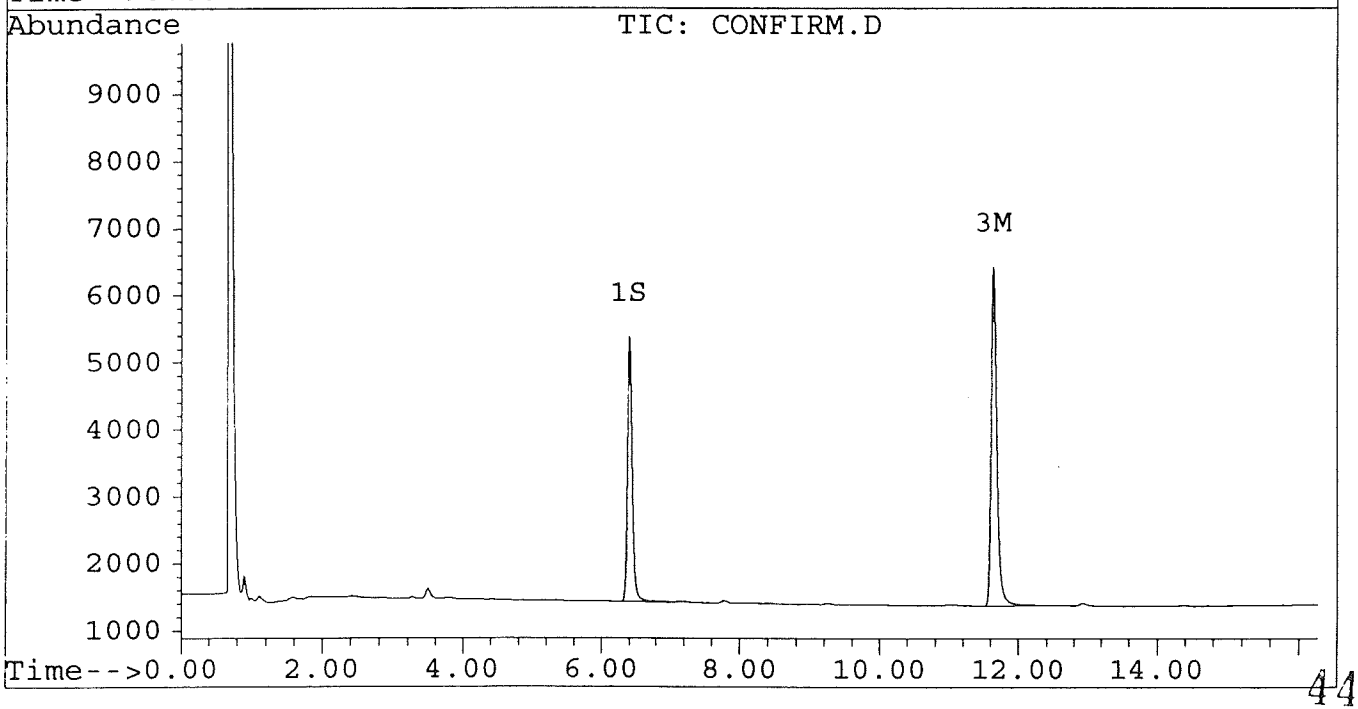
Quantitation Report

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



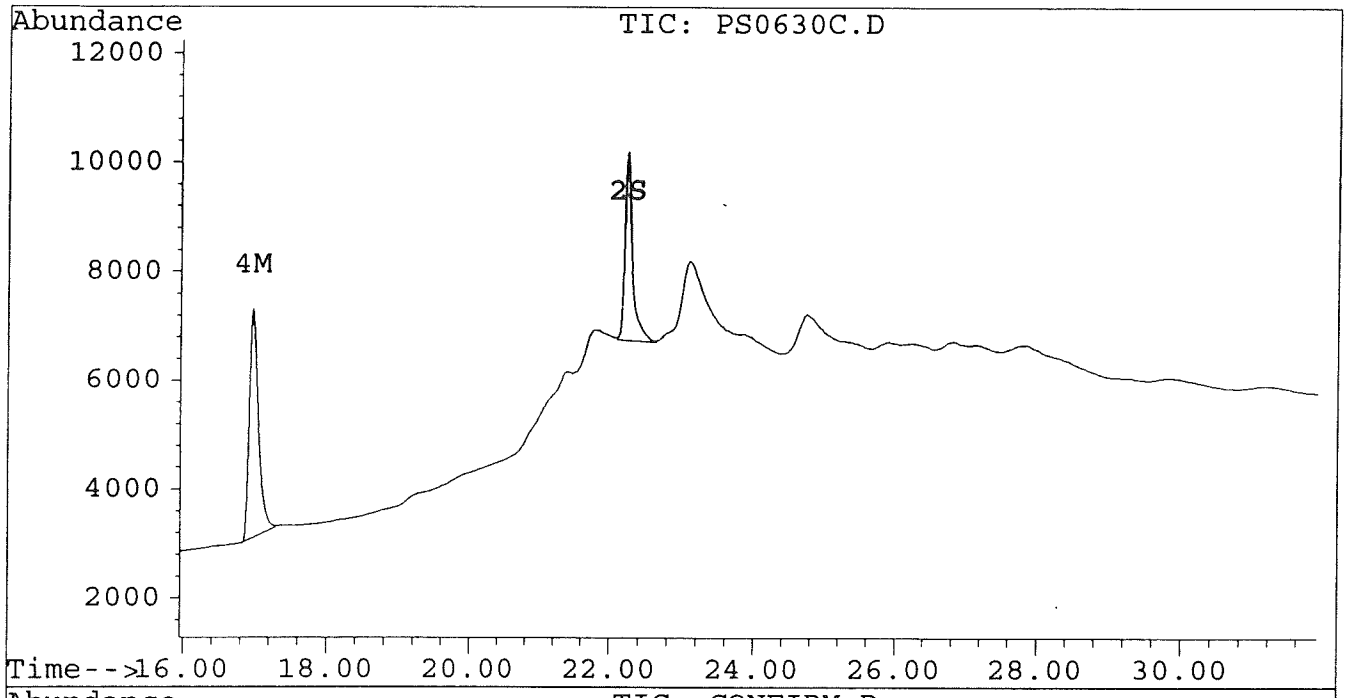


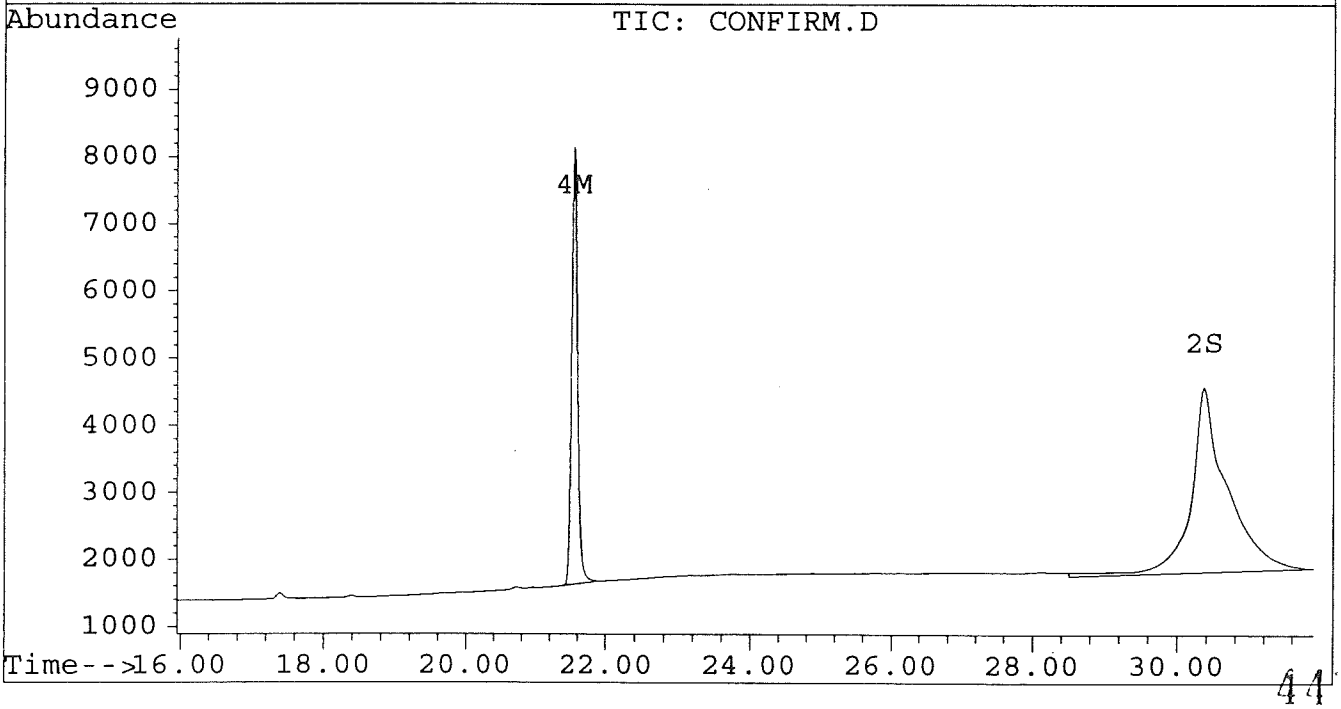
Quantitation Report

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





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.

44

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
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

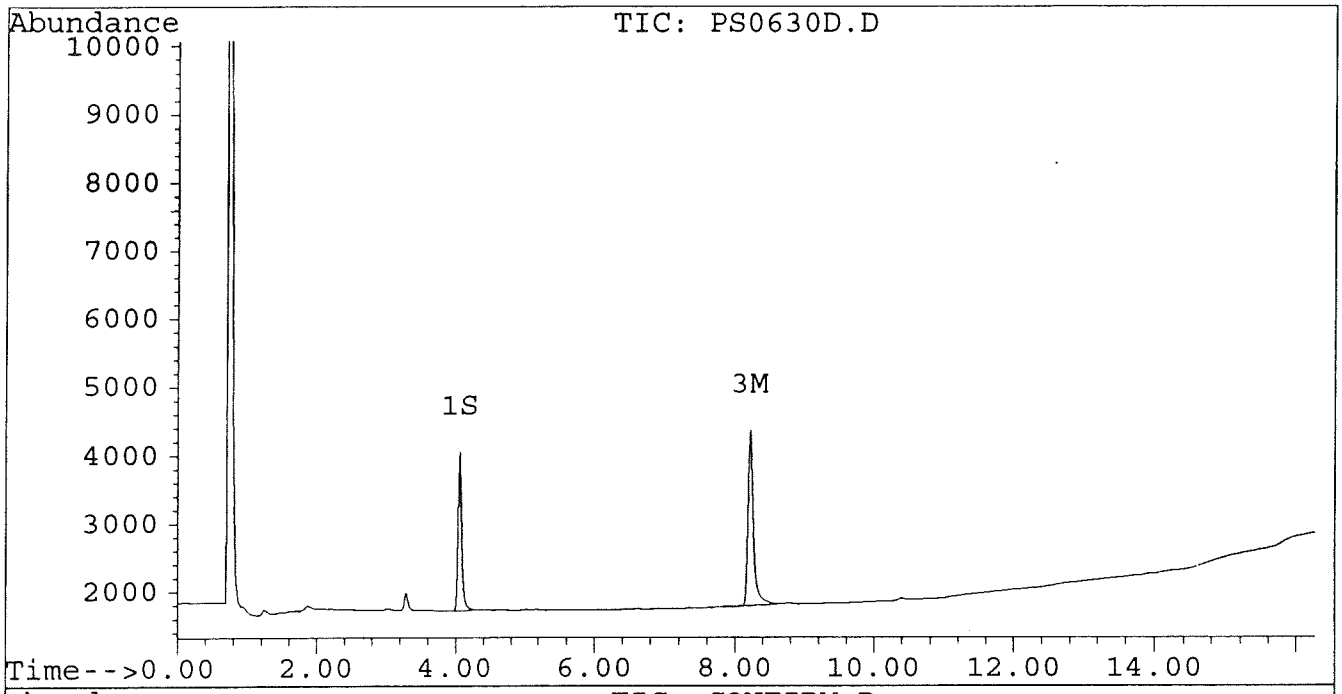
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

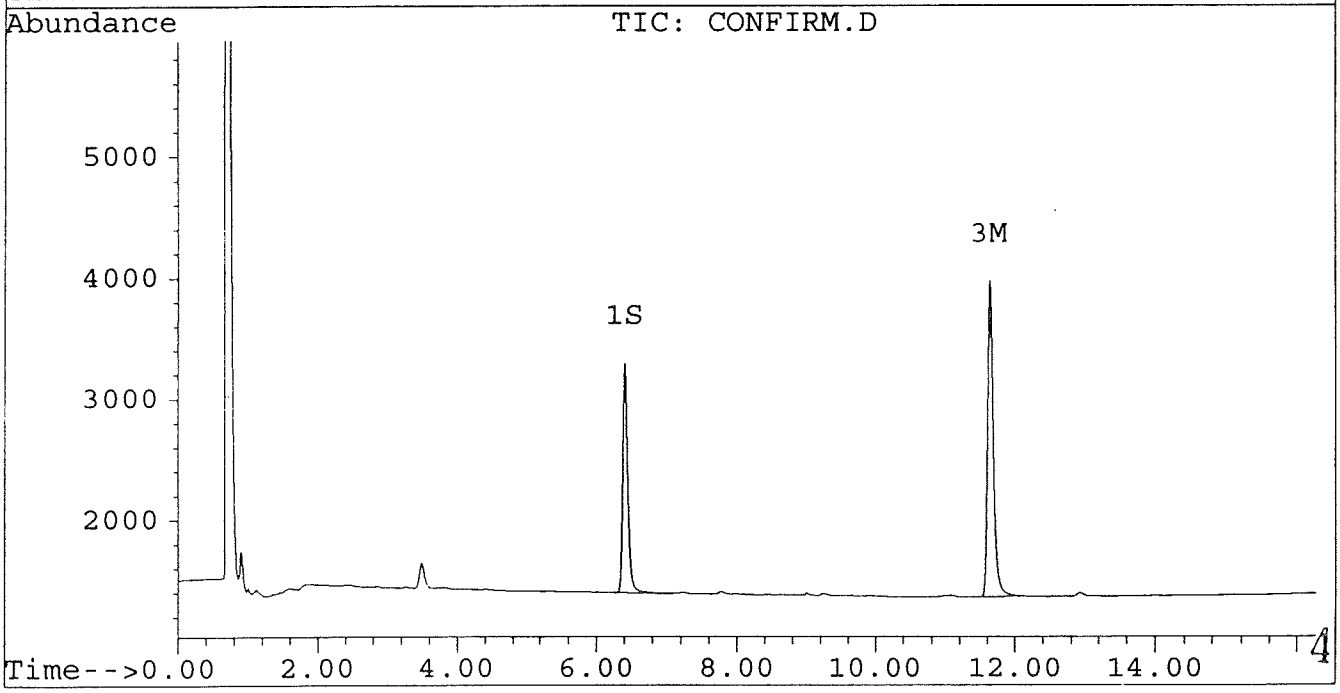
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630D.D 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



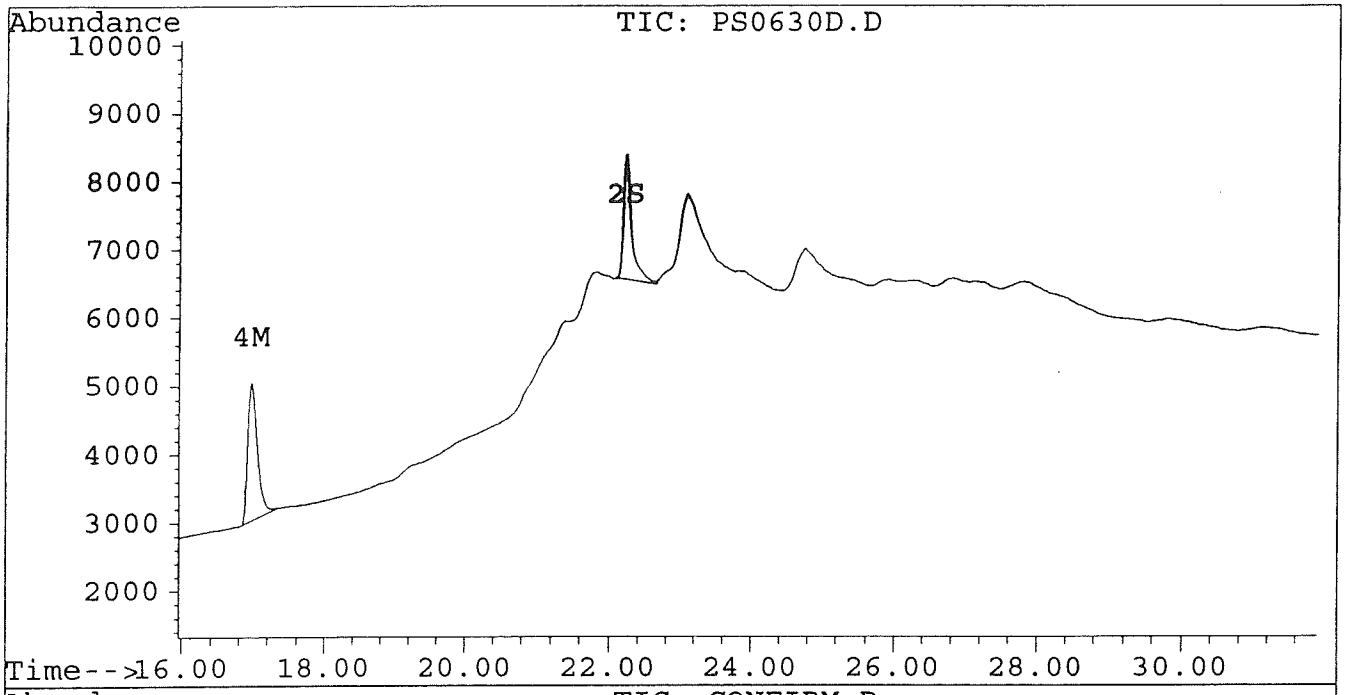


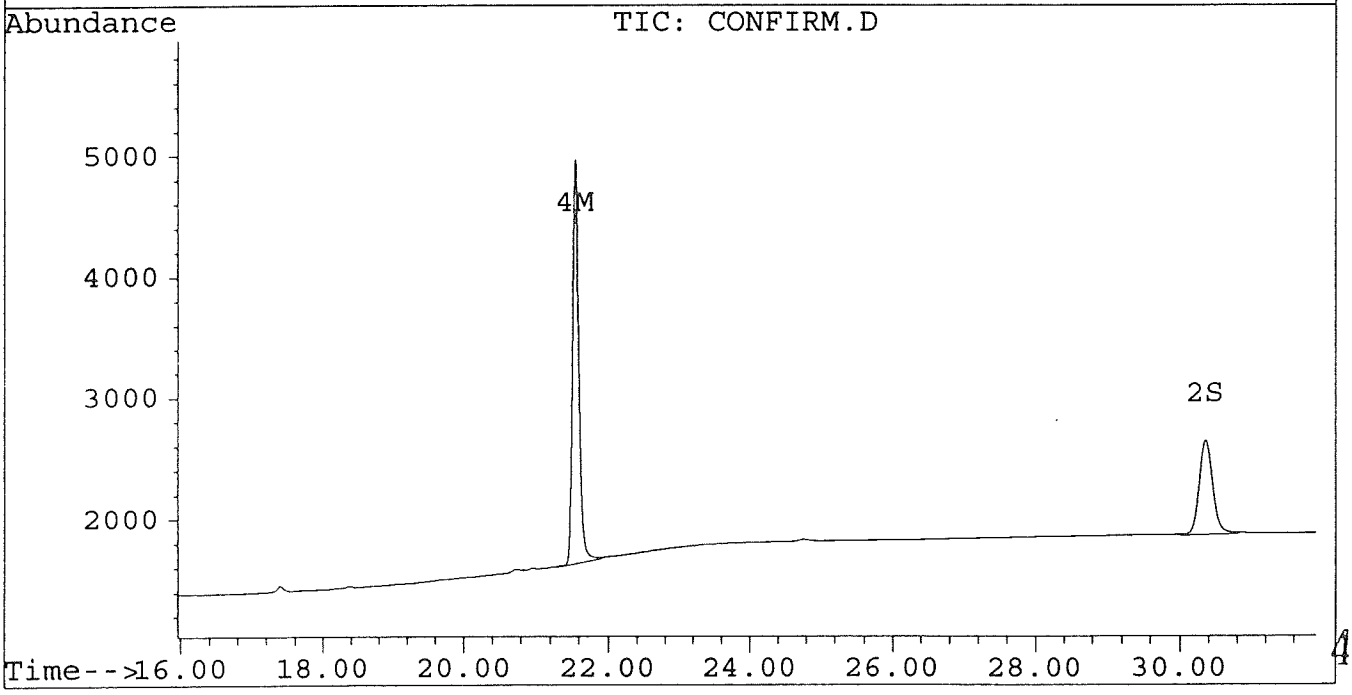
Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\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





451

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

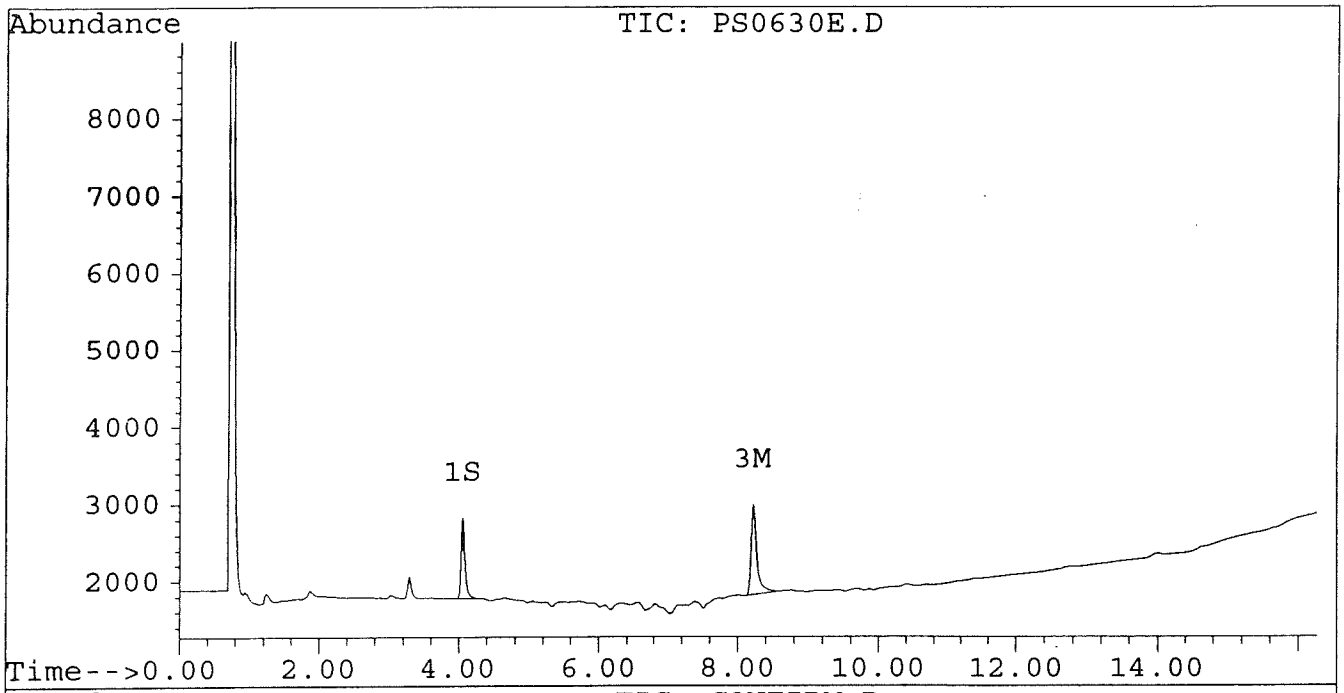
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

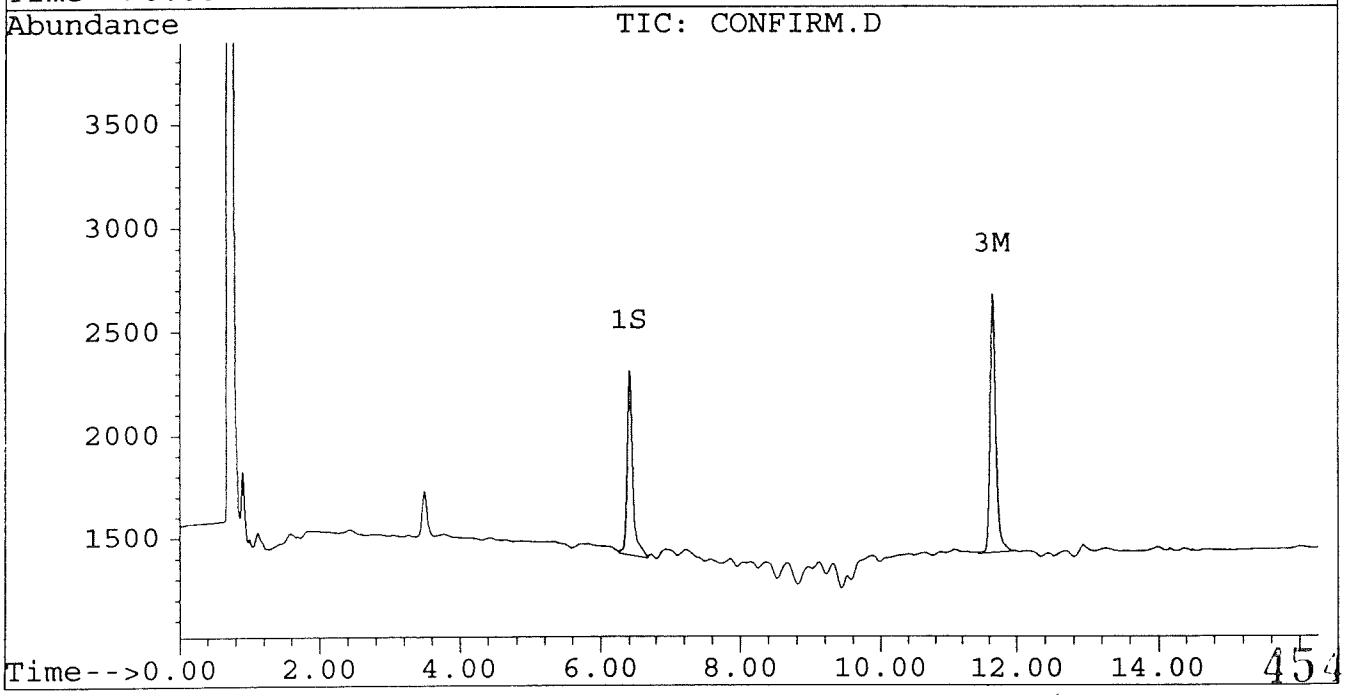
Quantitation Report

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





454

Quantitation Report

Signal #1 : D:\HPCHEM\5\JUN27A\PS0630E.D
Signal #2 : D:\HPCHEM\5\JUN27A\PS0630E.D\CONFIRM.D
Acq On : 28 Jun 96 11:22 AM
Sample : PCB COGENER 12.5 NG/ML
Misc :
Quant Time: Jun 28 13:14 1996

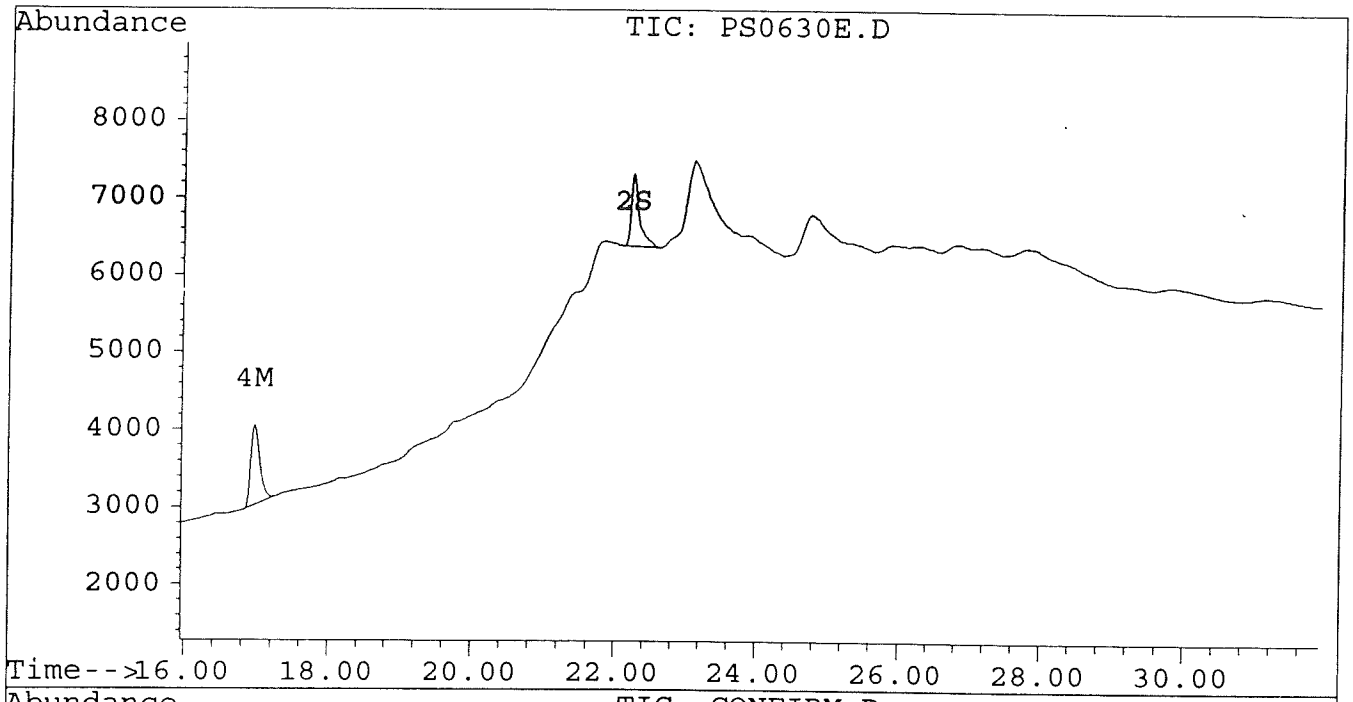
Vial: 42

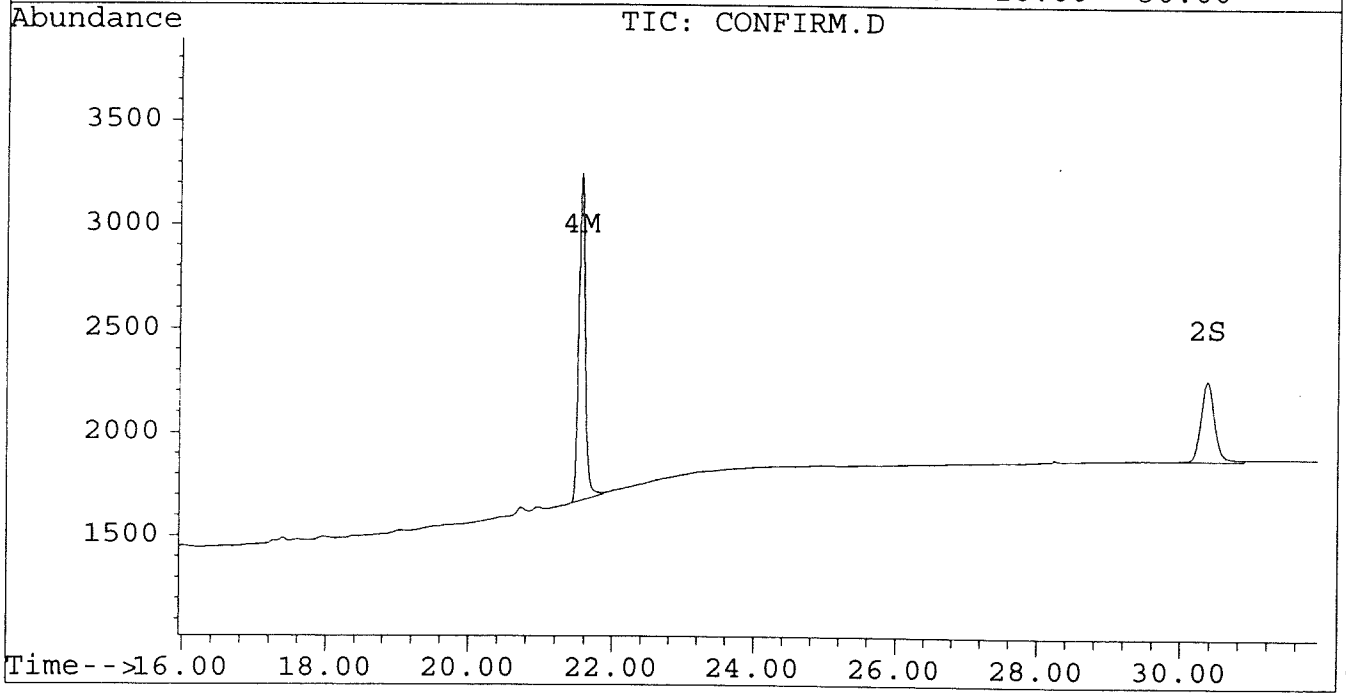
Operator: JS
Inst : ECD1
Multiplr: 1.00

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





455

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

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

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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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702A.D Vial: 1
Signal #2 : D:\HPCHEM\5\JL02\PS0702A.D\CONFIRM.D
Acq On : 02 Jul 96 09:35 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 10:09 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	4426	3802	0.019	0.020	
					Recovery	=	47.50%	50.00%	
2)	S	Decachlorobiphenyl	22.23	30.37	5688	1211	0.028	0.015	#
					Recovery	=	70.00%	37.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.21	11.63	15951	12158	0.157	0.120	
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.58	7042	1618	0.076	0.012	#
5)	L1	Aroclor-1016	6.79	8.77	10074	4303	0.330	0.327	
6)	L1	Aroclor-1016 {2}	8.93	10.29	4722	8946	0.314	0.333	
7)	L1	Aroclor-1016 {3}	9.33	12.22	8031	5163	0.328	0.310	
		Total Aroclor-1016			22826	18412	0.971	0.971	
		Average Aroclor-1016					0.324	0.324	
8)	L2	Aroclor-1221	5.08	8.00	719	695	0.149	0.166	
9)	L2	Aroclor-1221 {2}	5.50	8.54	1034	947	0.255	0.282	
10)	L2	Aroclor-1221 {3}	5.67	8.77	5018	4303	0.362	0.419	
		Total Aroclor-1221			6771	5946	0.765	0.867	
		Average Aroclor-1221					0.255	0.289	
11)	L3	Aroclor-1232	5.67	8.77	5018	4303	0.418	0.474	
12)	L3	Aroclor-1232 {2}	6.79	10.29	10074	8946	1.155	1.195	
13)	L3	Aroclor-1232 {3}	8.60	12.22	5941	5163	1.131	1.204	
		Total Aroclor-1232			21033	18412	2.704	2.873	
		Average Aroclor-1232					0.901	0.958	
14)	L4	Aroclor-1242	8.21	11.63	15951	12158	0.425	0.417	
15)	L4	Aroclor-1242 {2}	8.93	12.22	4722	5163	0.426	0.410	
16)	L4	Aroclor-1242 {3}	10.07	13.98	5963	4815	0.407	0.386	
		Total Aroclor-1242			26636	22135	1.258	1.213	
		Average Aroclor-1242					0.419	0.404	
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	

45-3

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702A.D Vial: 1
Signal #2 : D:\HPCHEM\5\JL02\PS0702A.D\CONFIRM.D
Acq On : 02 Jul 96 09:35 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 10:09 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	15.44	3736	3838	0.140	0.149
21) L6	Aroclor-1254 {2}	13.44	15.68	5721	3780	0.173	0.136
22) L6	Aroclor-1254 {3}	15.82	17.53	9257	5747	0.400	0.154 #
Total	Aroclor-1254			18714	13364	0.713	0.439
Average	Aroclor-1254					0.238	0.146
23) L7	Aroclor-1260	13.92	18.17	9346	9817	0.326	0.327
24) L7	Aroclor-1260 {2}	14.71	18.50	10056	10099	0.328	0.306
25) L7	Aroclor-1260 {3}	17.93	21.91	12850	13639	0.338	0.292
Total	Aroclor-1260			32252	33554	0.992	0.926
Average	Aroclor-1260					0.331	0.309
26) L8	Aroclor-1268	18.86	23.35	3026	2541	NoCal	NoCal
27) L8	Aroclor-1268 {2}	19.04	23.53	8371	1572	NoCal	NoCal
28) L8	Aroclor-1268 {3}	21.82	28.13f	3367	458	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\PS0702A.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702A.D\CONFIRM.D
Acq On : 02 Jul 96 09:35 AM
Sample : AR1660 1.0 UG/ML
Misc :
Quant Time: Jul 2 10:09 1996

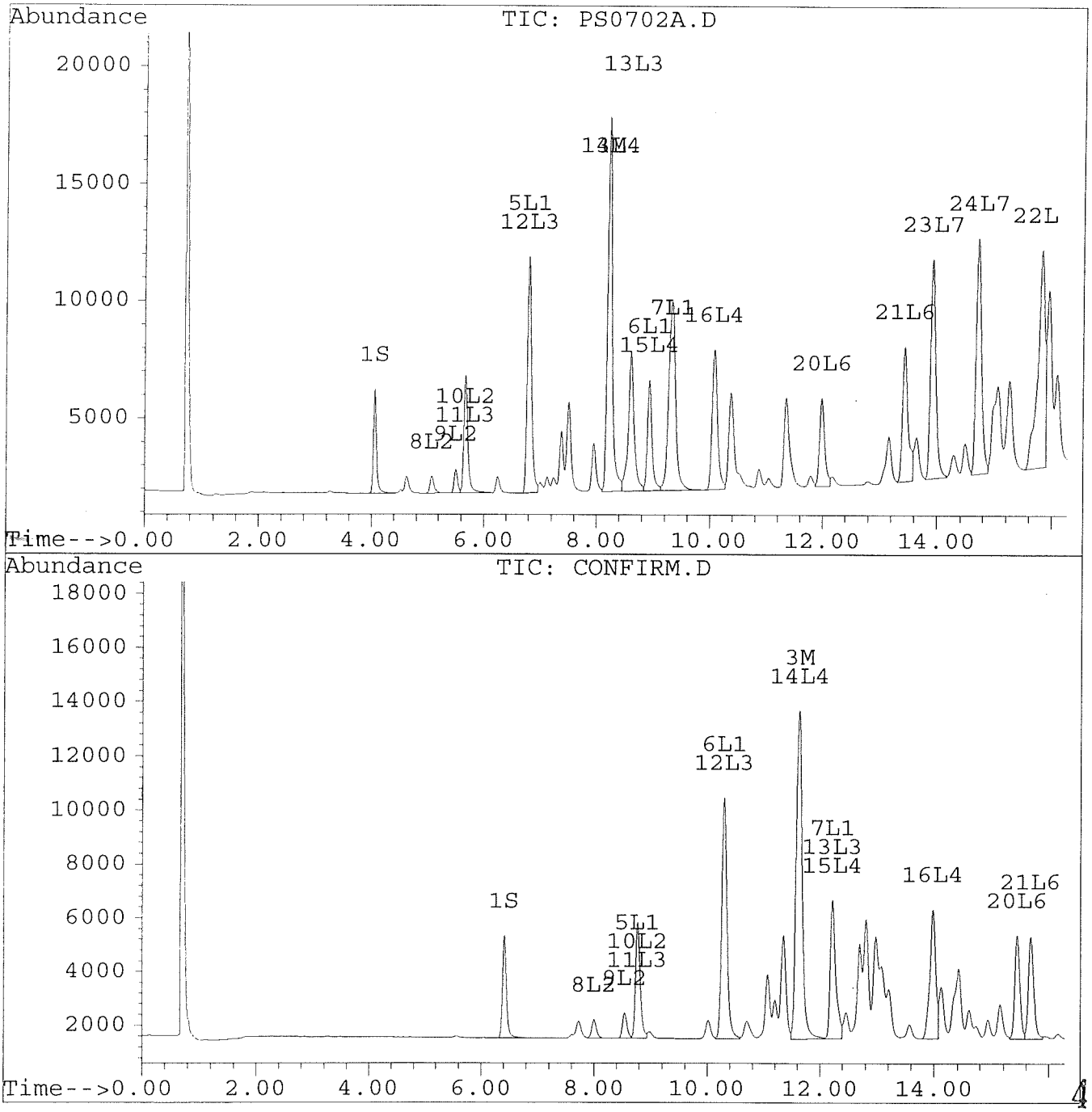
Vial: 1

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



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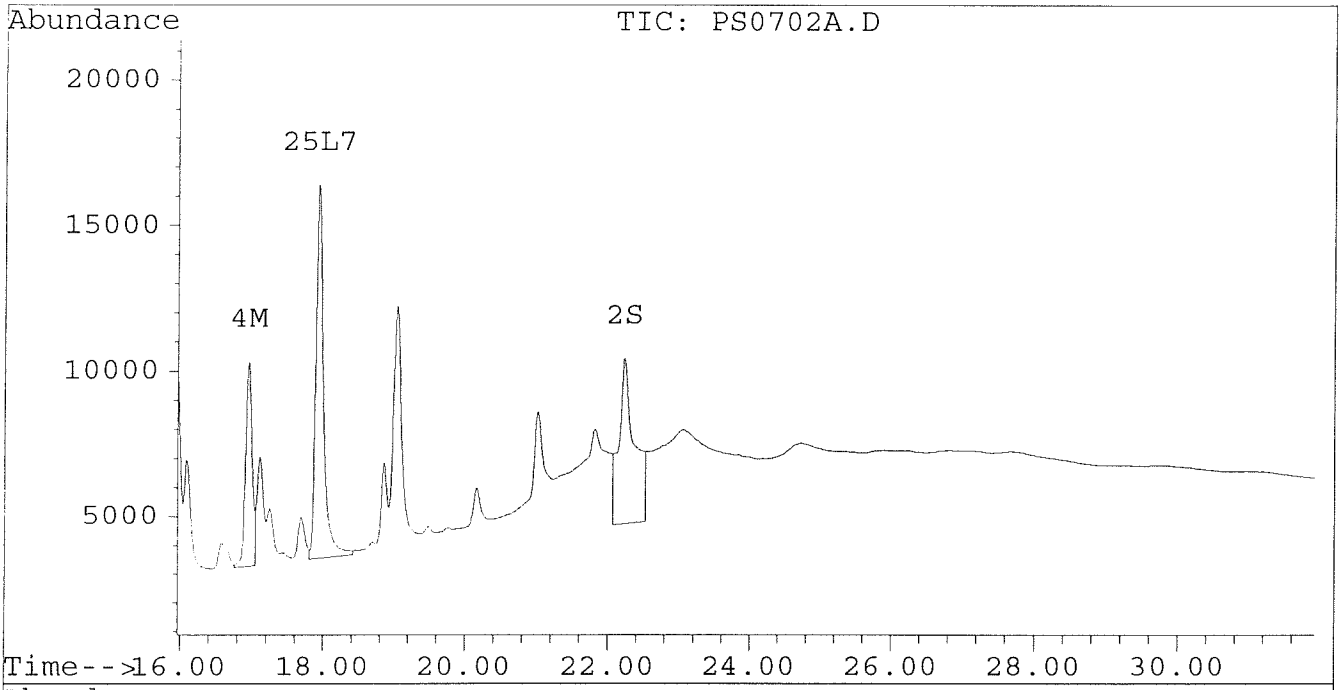
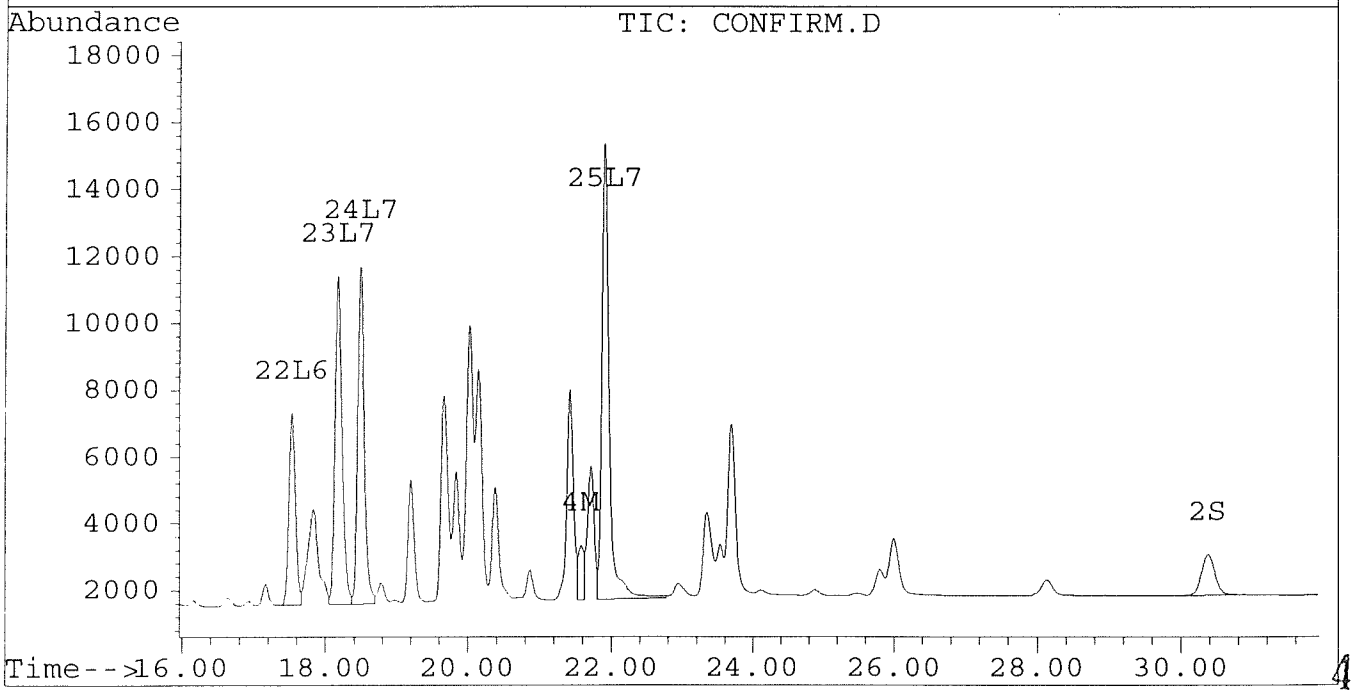
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702A.D Vial: 1
Signal #2 : D:\HPCHEM\5\JL02\PS0702A.D\CONFIRM.D
Acq On : 02 Jul 96 09:35 AM Operator: JS
Sample : AR1660 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 10:09 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





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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL02\PS0702B.D\CONFIRM.D
Acq On : 02 Jul 96 10:11 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 10:45 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	6.41	4681	3960	0.021	0.021
				Recovery	=	52.50%	52.50%
2) S	Decachlorobiphenyl	22.23	30.37	5615	1406	0.028	0.017 #
				Recovery	=	70.00%	42.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.62	292	243	0.003	0.002
4) M	2,2',3,3',4,4'-Hexa	16.95	21.55	2300	2100	0.025	0.016 #
5) L1	Aroclor-1016	6.80	8.77	177	67	0.006	0.005
6) L1	Aroclor-1016 {2}	8.93	10.29	87	169	0.006	0.006
7) L1	Aroclor-1016 {3}	9.29f	12.22	5571	78	0.227	0.005 #
Total	Aroclor-1016			5835	315	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	67	0.005	0.007
Total	Aroclor-1221			74	67	0.005	0.007
Average	Aroclor-1221					0.005	0.007
11) L3	Aroclor-1232	5.67	8.77	74	67	0.006	0.007
12) L3	Aroclor-1232 {2}	6.80	10.29	177	169	0.020	0.023
13) L3	Aroclor-1232 {3}	8.60	12.22	112	78	0.021	0.018
Total	Aroclor-1232			363	315	0.048	0.048
Average	Aroclor-1232					0.016	0.016
14) L4	Aroclor-1242	8.21	11.62	292	243	0.008	0.008
15) L4	Aroclor-1242 {2}	8.93	12.22	87	78	0.008	0.006
16) L4	Aroclor-1242 {3}	10.07	13.98	2583	2454	0.176	0.197
Total	Aroclor-1242			2961	2776	0.192	0.211
Average	Aroclor-1242					0.064	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\PS0702B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL02\PS0702B.D\CONFIRM.D
Acq On : 02 Jul 96 10:11 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 10:45 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
:0) L6 Aroclor-1254	11.98	15.44	9104	8700	0.341	0.338
_1) L6 Aroclor-1254 {2}	13.43	15.68	11586	9076	0.350	0.327
22) L6 Aroclor-1254 {3}	15.82	17.54	8153	12399	0.352	0.332
Total Aroclor-1254			28843	30175	1.043	0.997
\verage Aroclor-1254					0.348	0.332
?3) L7 Aroclor-1260	13.92	18.17	5505	4874	0.192	0.162
?4) L7 Aroclor-1260 {2}	14.71	18.49	4739	4943	0.154	0.150
25) L7 Aroclor-1260 {3}	17.93	21.91	1161	1153	0.030	0.025
Total Aroclor-1260			11404	10969	0.377	0.337
\verage Aroclor-1260					0.126	0.112
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
?7) L8 Aroclor-1268 {2}	19.05f	0.00	928	0	NoCal	N.D.
?8) L8 Aroclor-1268 {3}	0.00	28.13f	0	11	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
\verage 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\PS0702B.D
Signal #2 : D:\HPCHEM\5\JL02\PS0702B.D\CONFIRM.D
Acq On : 02 Jul 96 10:11 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 2 10:45 1996

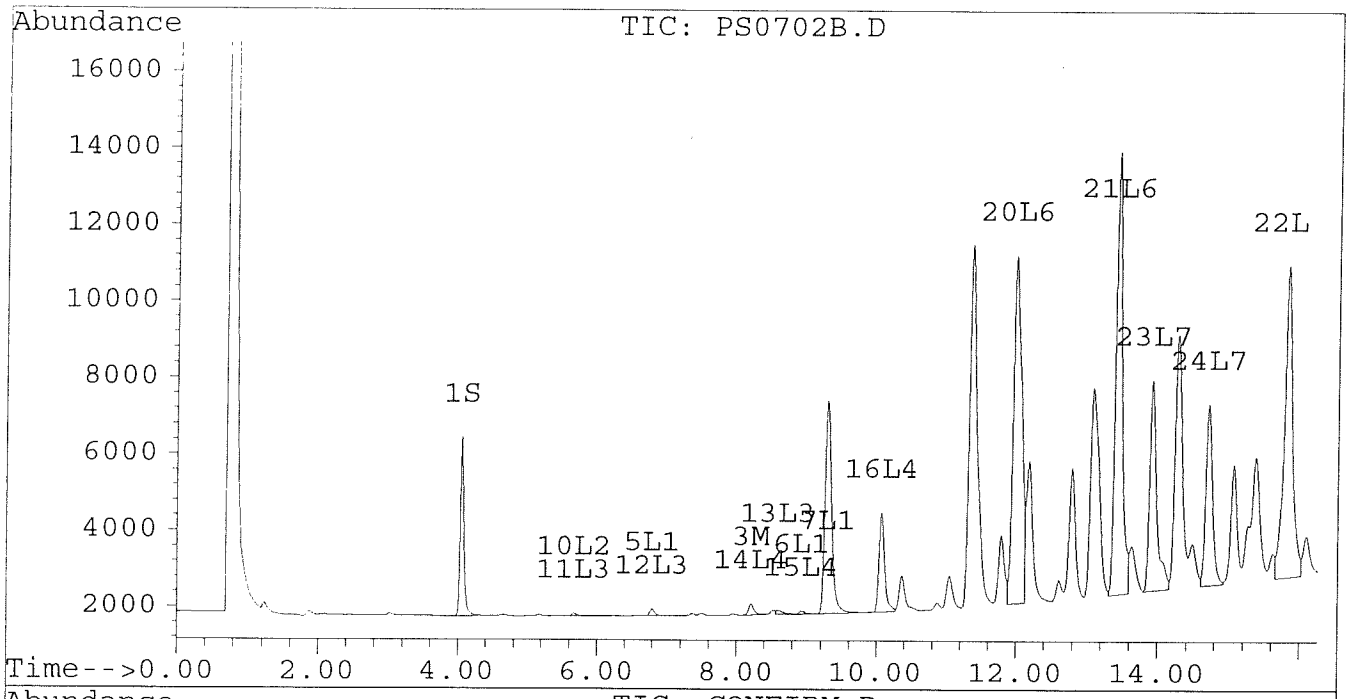
Vial: 2

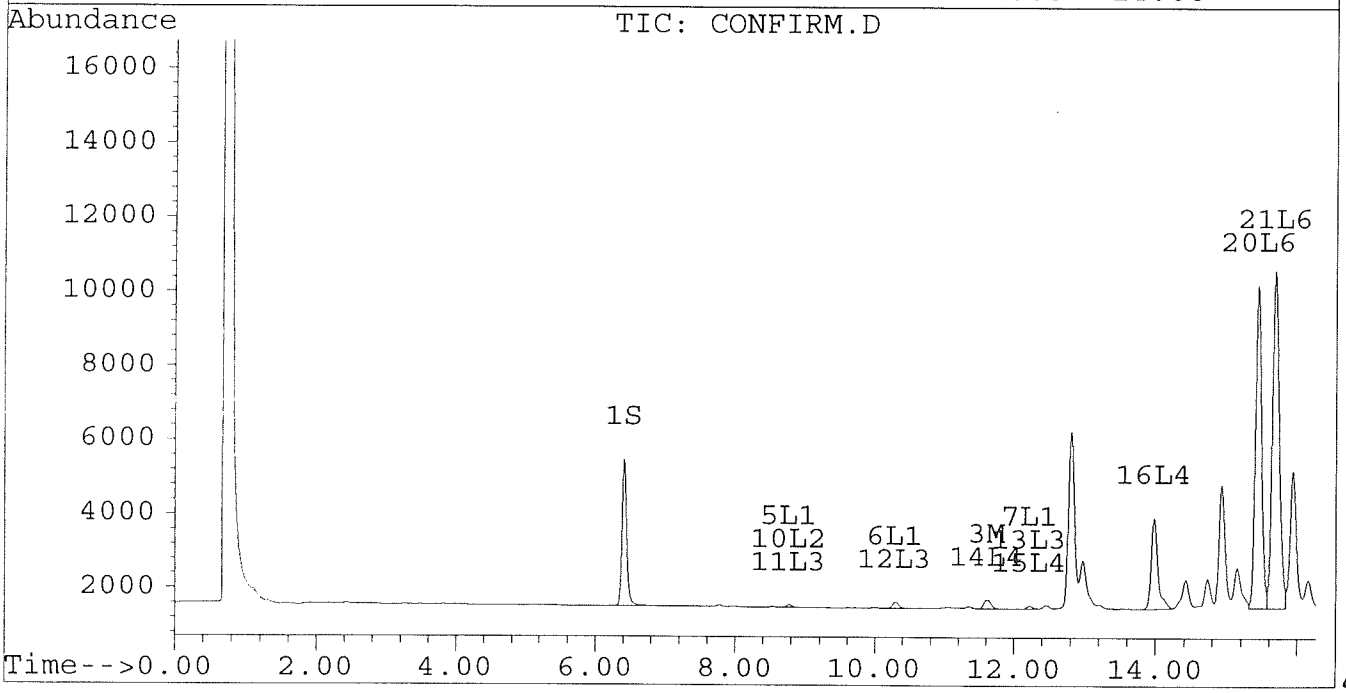
Operator: JS
Inst : ECD1
Multiplr: 1.00

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



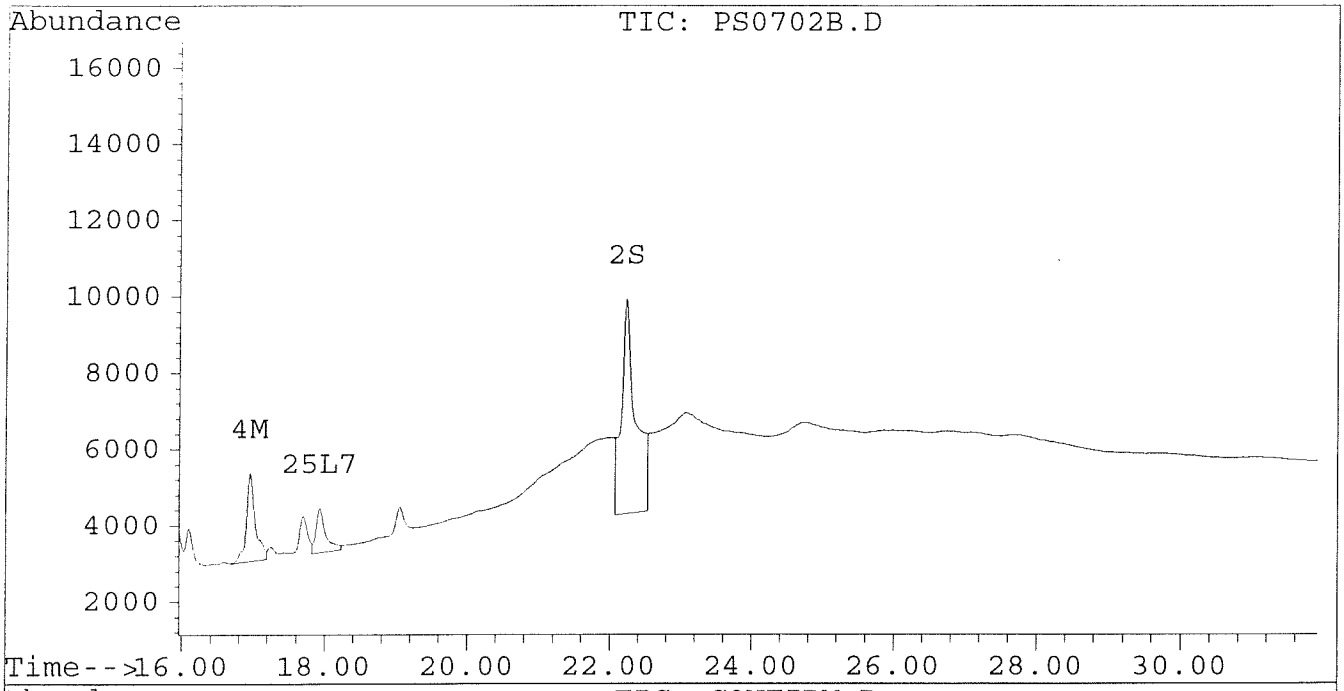


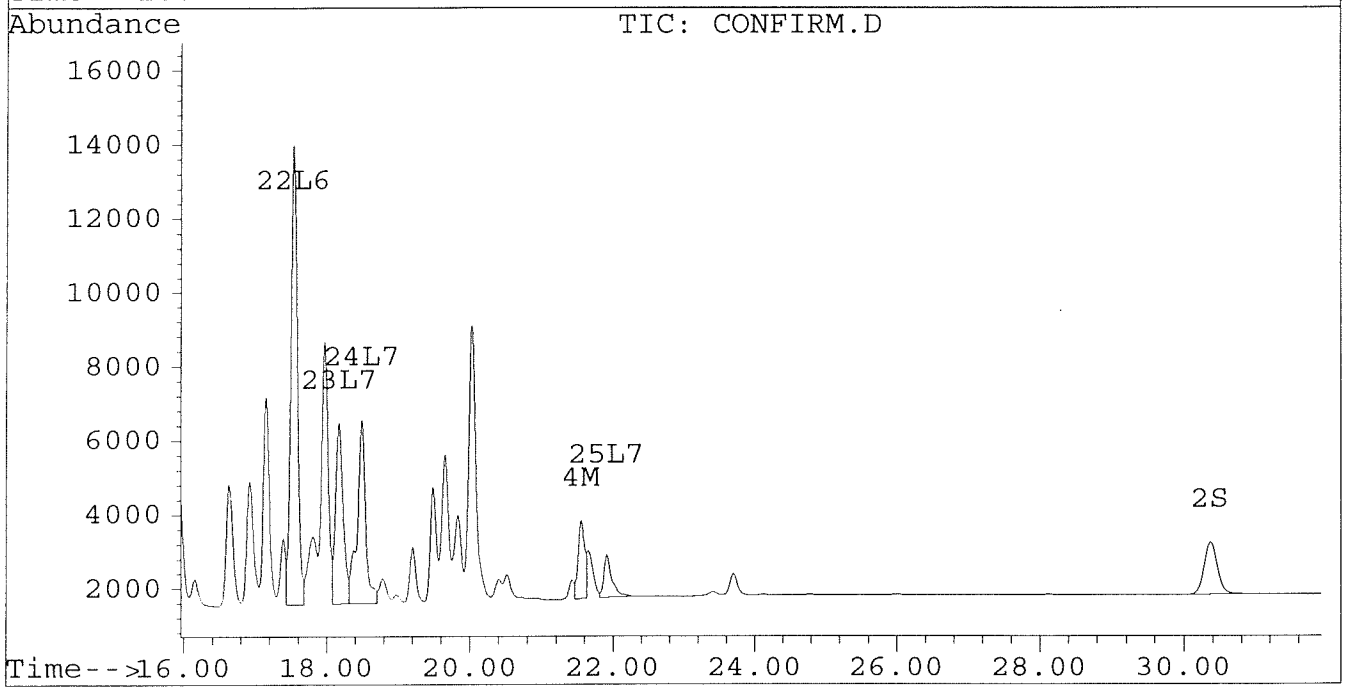
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL02\PS0702B.D\CONFIRM.D
Acq On : 02 Jul 96 10:11 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 10:45 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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL02\PS0702C.D\CONFIRM.D
Acq On : 02 Jul 96 10:46 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 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	6.41	4566	3882	0.020	0.021
				Recovery	=	50.00%	52.50%
2) S	Decachlorobiphenyl	22.23	30.37	5586	1346	0.028	0.016 #
				Recovery	=	70.00%	40.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.62	12409	9372	0.122	0.092
4) M	2,2',3,3',4,4'-Hexa	0.00	21.56	0	55	N.D.	0.000 #
5) L1	Aroclor-1016	6.79	8.76	7779	3844	0.255	0.292
6) L1	Aroclor-1016 {2}	8.93	10.29	3590	6986	0.239	0.260
7) L1	Aroclor-1016 {3}	9.32	12.22	6084	4053	0.248	0.244
Total	Aroclor-1016			17454	14882	0.742	0.796
Average	Aroclor-1016					0.247	0.265
8) L2	Aroclor-1221	5.07	7.99	681	653	0.141	0.156
9) L2	Aroclor-1221 {2}	5.50	8.54	959	875	0.236	0.260
10) L2	Aroclor-1221 {3}	5.67	8.76	4503	3844	0.324	0.374
Total	Aroclor-1221			6143	5372	0.701	0.790
Average	Aroclor-1221					0.234	0.263
11) L3	Aroclor-1232	5.67	8.76	4503	3844	0.375	0.423
12) L3	Aroclor-1232 {2}	6.79	10.29	7779	6986	0.892	0.933
13) L3	Aroclor-1232 {3}	8.60	12.22	4613	4053	0.879	0.945
Total	Aroclor-1232			16896	14882	2.145	2.302
Average	Aroclor-1232					0.715	0.767
14) L4	Aroclor-1242	8.21	11.62	12409	9372	0.330	0.321
15) L4	Aroclor-1242 {2}	8.93	12.22	3590	4053	0.324	0.322
16) L4	Aroclor-1242 {3}	10.07	13.98	4900	4154	0.335	0.333
Total	Aroclor-1242			20899	17578	0.989	0.976
Average	Aroclor-1242					0.330	0.325
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\PS0702C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL02\PS0702C.D\CONFIRM.D
Acq On : 02 Jul 96 10:46 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 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	15.44	0	1086	N.D.	0.042 #
21) L6	Aroclor-1254 {2}	13.43	15.69	1004	1118	0.030	0.040 #
22) L6	Aroclor-1254 {3}	15.83	17.54	187	1251	0.008	0.033 #
Total	Aroclor-1254			1191	3455	0.038	0.116
Average	Aroclor-1254					0.019	0.039
23) L7	Aroclor-1260	13.92	18.17	443	132	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	49	N.D.	0.001 #
Total	Aroclor-1260			519	181	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	23.49	0	43	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

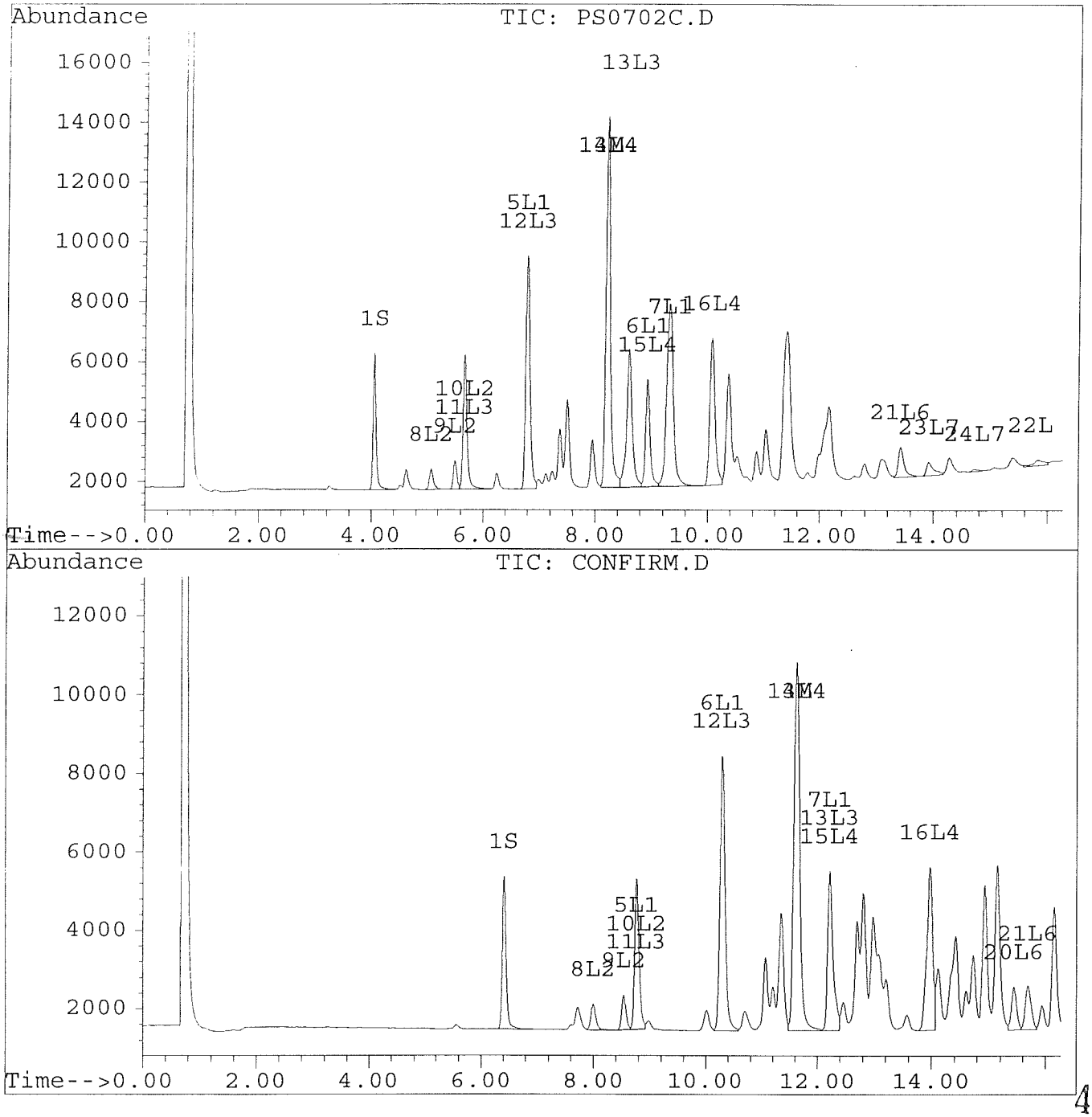
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL02\PS0702C.D\CONFIRM.D
Acq On : 02 Jul 96 10:46 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 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

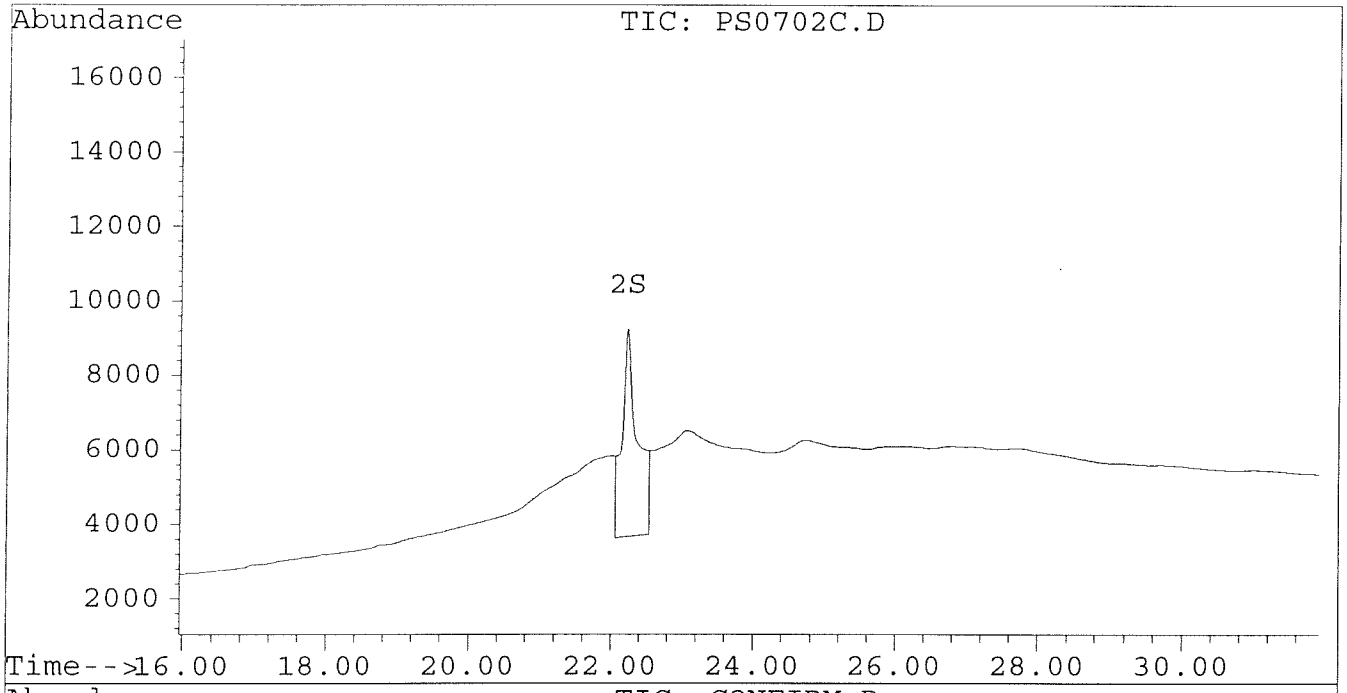


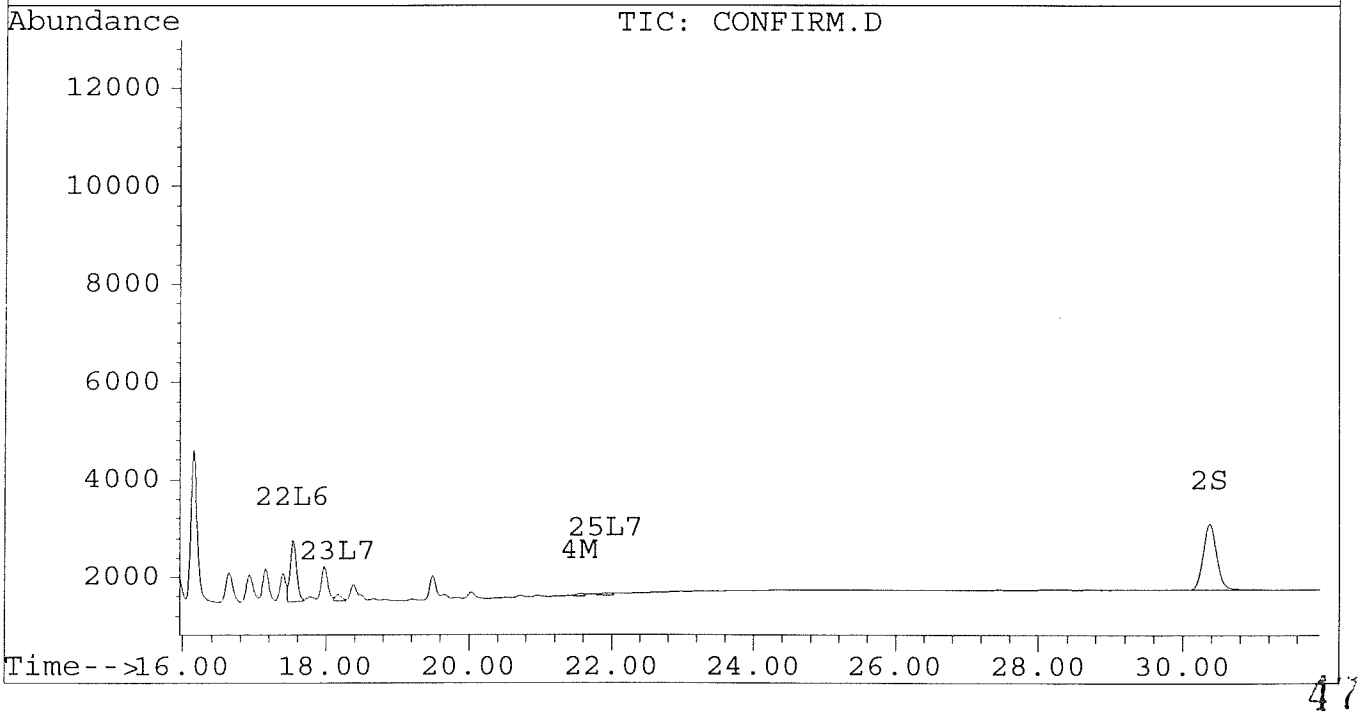
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL02\PS0702C.D\CONFIRM.D
Acq On : 02 Jul 96 10:46 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 2 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\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

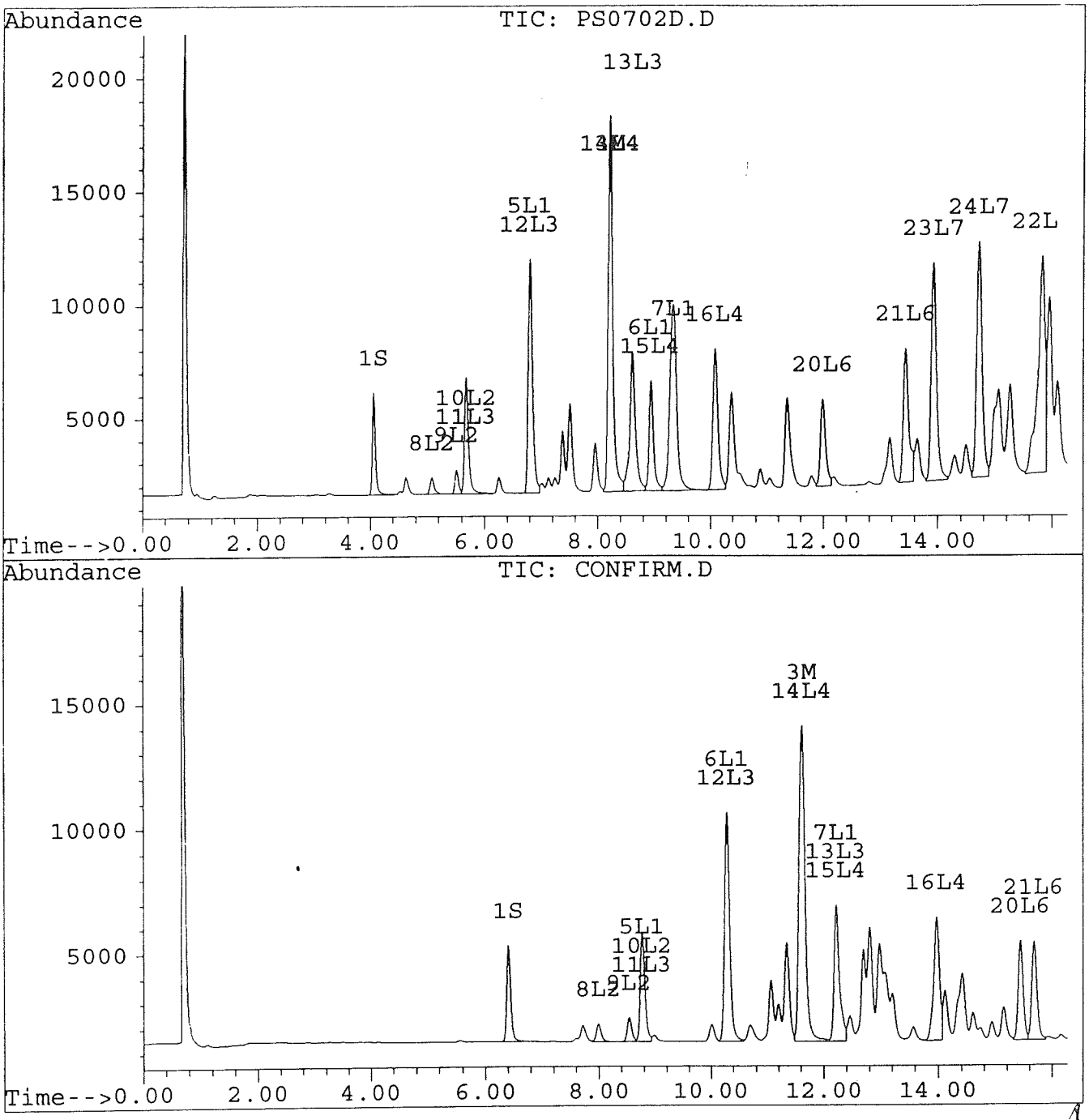
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL02\PS0702D.D 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

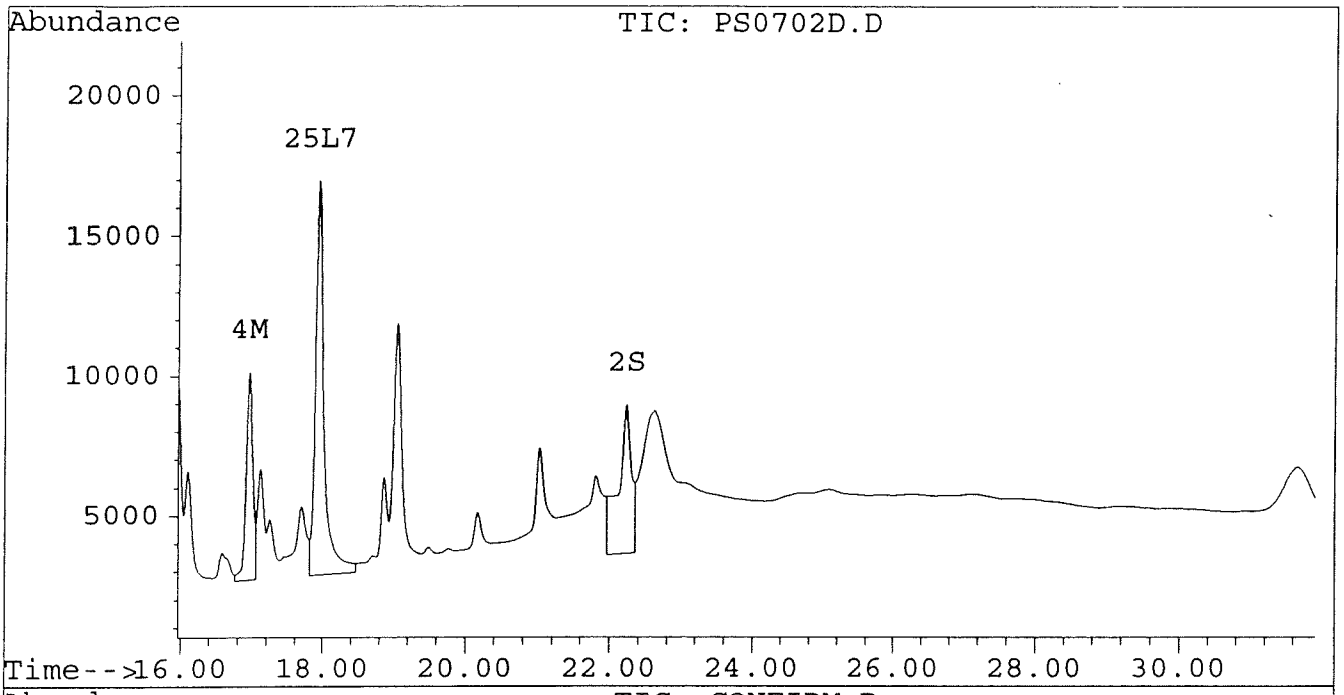


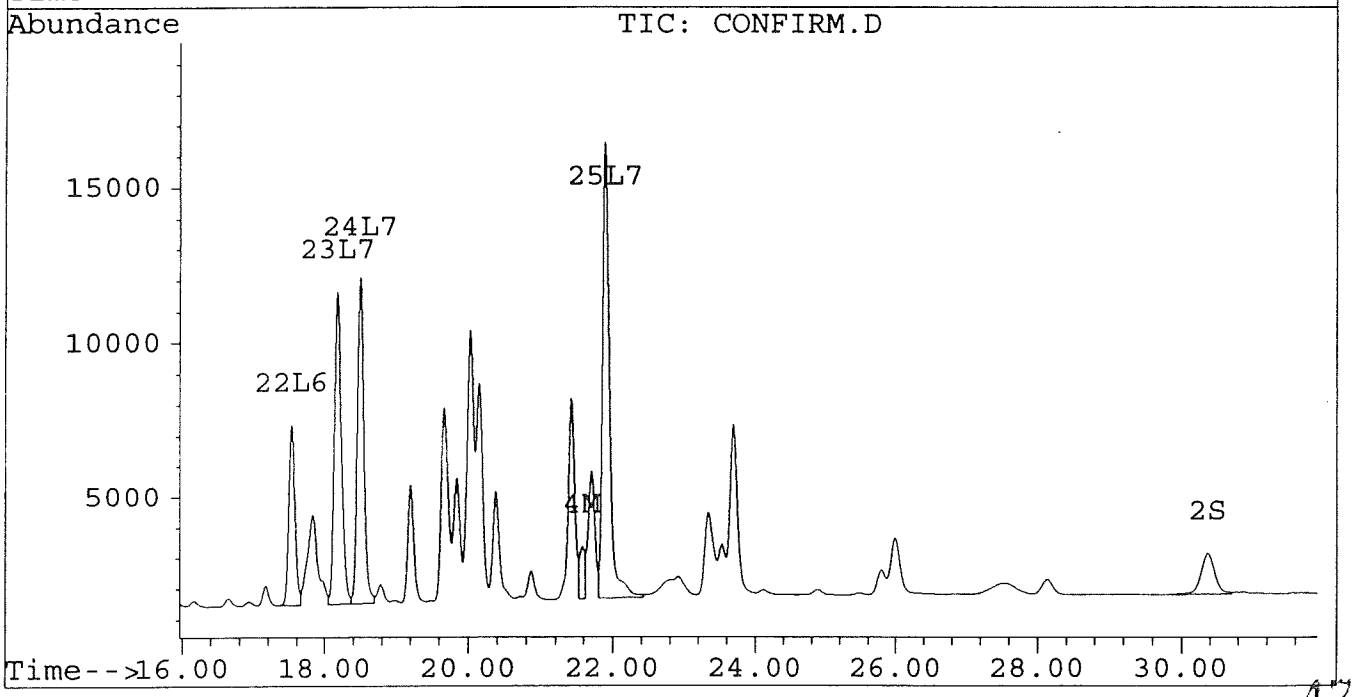
Quantitation Report

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





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

476

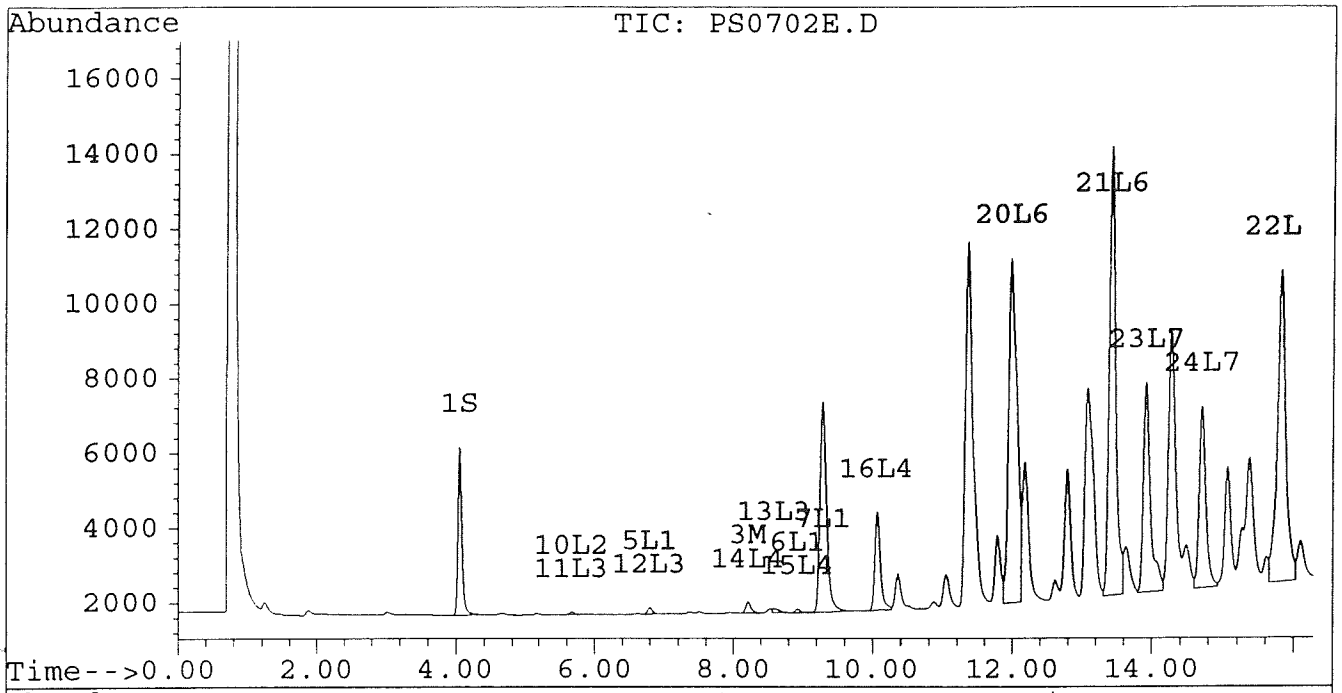
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

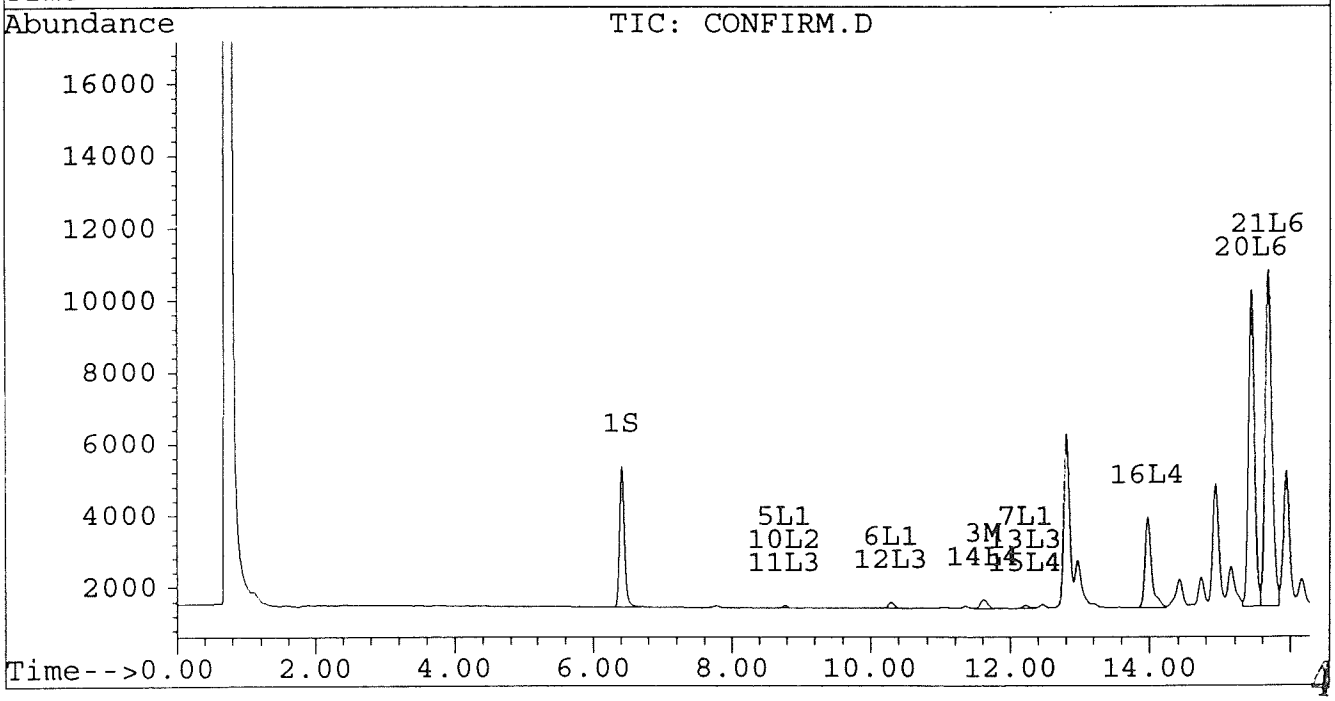
Quantitation Report

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



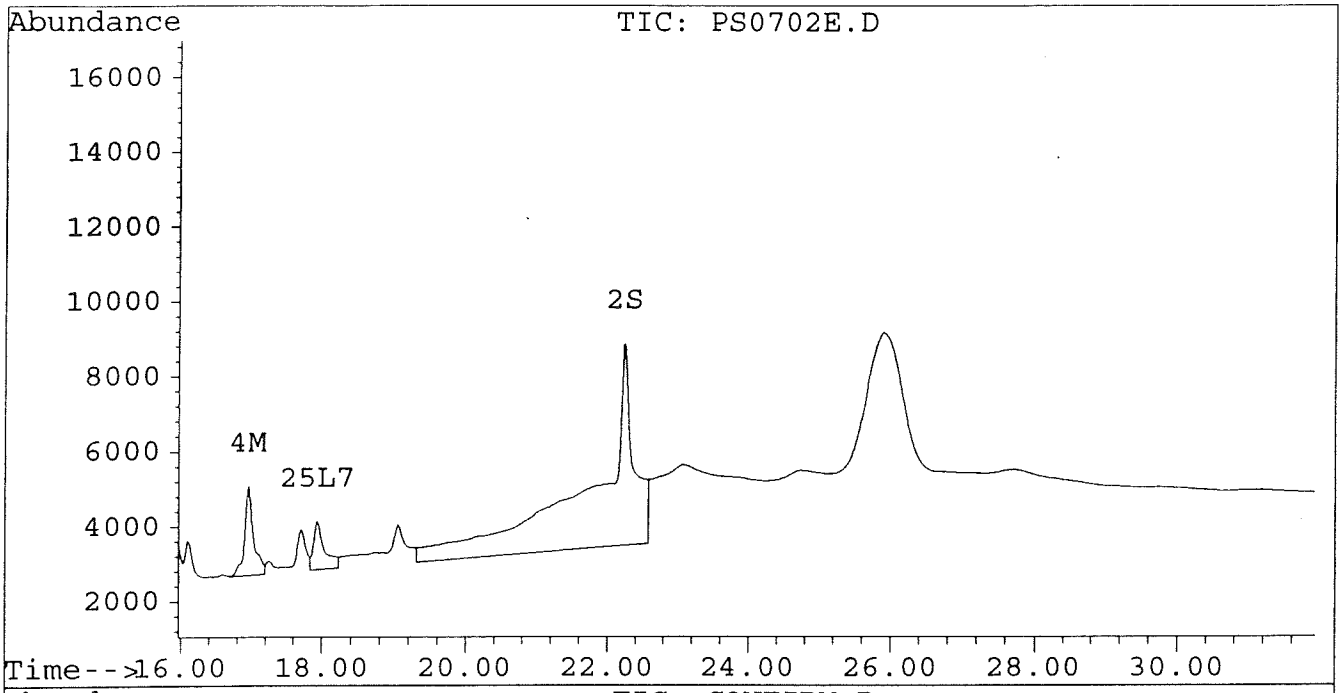


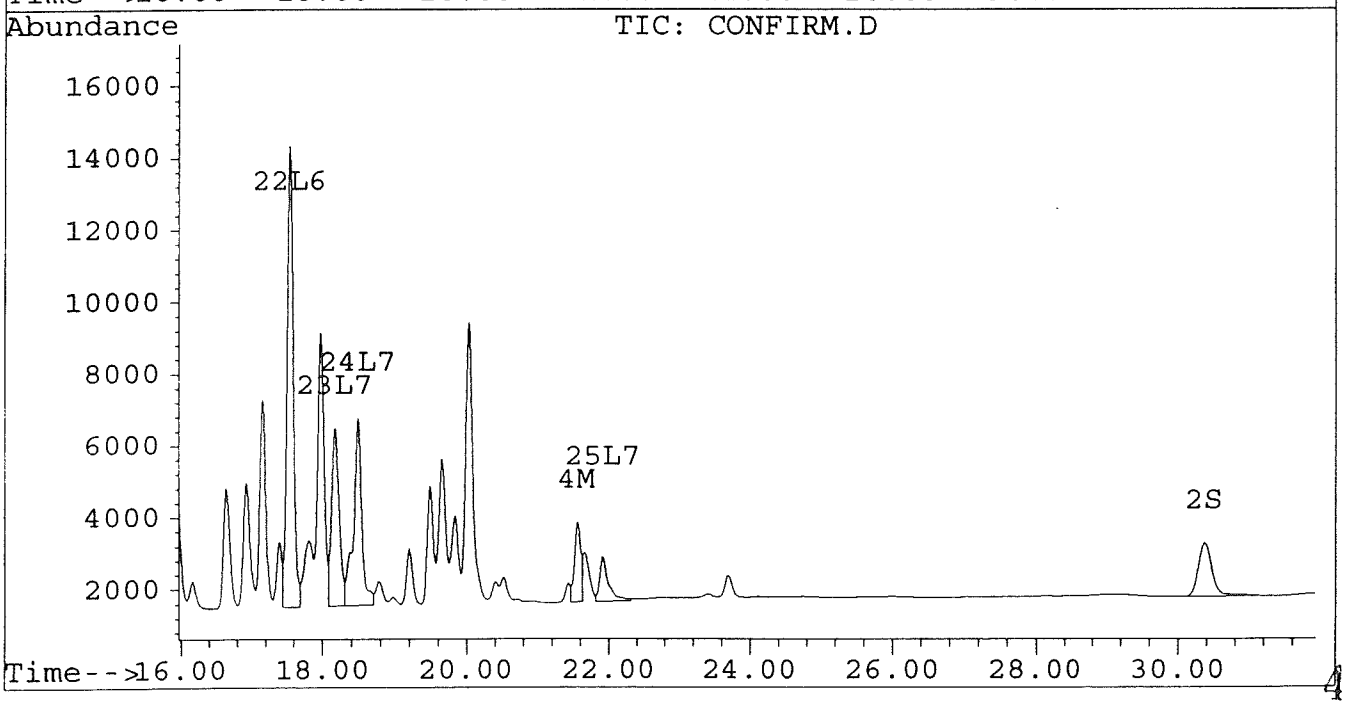
Quantitation Report

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.

MITKEM CORPORATION

Lab Project #: **C0560**
Client Name: **VHB, Inc.**
Client Project #: **70632.13**
Client PO #:
Project Name: **Boliden Metech, Inc.**
Date Due: **7/4/96**
Total Price: **$ 1,750.00**
Deliverables Req'd: **NA**
Case Completed: **YES**

Logged In By: MS
Reviewed By: MC
Date: 6/20/96 Time: 11 40

Lab ID	Client ID	Matrix	Analysis	Price	Sampled	Received	Comments
-01	BW09 Primary	SL	PCB	70.00	6/19/96	6/20/96	
-02	BW09 Duplicate	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-03	BW09 Reserve	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-04	BX07 Primary	SL	PCB	70.00	6/19/96	6/20/96	
-05	Bx07 Duplicate	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-06	Bx07 Reserve	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-07	PD01:F3	SL	PCB	70.00	6/19/96	6/20/96	
-08	DD01:F3	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-09	RD01:F3	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-10	PG1:I3	SL	PCB	70.00	6/19/96	6/20/96	
-11	DG1:I3	SL	PCB	70.00	6/19/96	6/20/96	
-12	RG1:I3	SL	PCB	0.00	6/19/96	6/20/96	HOLD

MITKEM CORPORATION

Lab ID	Client ID	Matrix	Analysis	Price	Sampled	Received	Comments
-13	PJ01:L03	SL	PCB	70.00	6/19/96	6/20/96	
-14	DJ01:L03	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-15	RJ01:L03	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-16	PM01:O03	SL	PCB	70.00	6/19/96	6/20/96	
-17	DM01:O03	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-18	PP01:R03	SL	PCB	70.00	6/19/96	6/20/96	
-19	RP01:R03	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-20	DP01:R03	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-21	PS01:U03	SL	PCB	70.00	6/19/96	6/20/96	
-22	DS01:U03	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-23	RS01:U03	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-24	PV01:X03	SL	PCB	70.00	6/19/96	6/20/96	
-25	DV01:X03	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-26	PJ7:L9	SL	PCB	70.00	6/19/96	6/20/96	
-27	DJ7:L9	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-28	RJ7:L9	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-29	PS7:U9	SL	PCB	70.00	6/19/96	6/20/96	
-30	DS7:U9	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-31	RS7:U9	SL	PCB	0.00	6/19/96	6/20/96	HOLD

MITKEM CORPORATION

Lab ID	Client ID	Matrix	Analysis	Price	Sampled	Received	Comments
-32	PV07:X09	SL	PCB	70.00	6/19/96	6/20/96	
-33	DV07:X09	SL	PCB	70.00	6/19/96	6/20/96	
-34	RV07:X09	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-35	DE QAQC S1:U3	W	PCB	70.00	6/19/96	6/20/96	
-36	DE QAQC V1:X3	W	PCB	70.00	6/19/96	6/20/96	
-37	DE QAQC V7:X9	W	PCB	70.00	6/19/96	6/20/96	
-38	SDE QAQC J7:L9	W	PCB	70.00	6/19/96	6/20/96	
-39	SDE QAQC U7:X9	W	PCB	70.00	6/19/96	6/20/96	
-40	CDE QAQC V7:X9	W	PCB	70.00	6/19/96	6/20/96	
-41	CDE QAQC V1:X3	W	PCB	70.00	6/19/96	6/20/96	
-42	CDE QAQC P1:R3	W	PCB	70.00	6/19/96	6/20/96	
-43	CDE QAQC J1:L3	W	PCB	70.00	6/19/96	6/20/96	
-44	PP07:R09	SL	PCB	70.00	6/19/96	6/20/96	
-45	RP07:R09	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-46	DP07:R09	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-47	PG7:I9	SL	PCB	70.00	6/19/96	6/20/96	
-48	DG7:I9	SL	PCB	0.00	6/19/96	6/20/96	HOLD
-49	RG7:I9	SL	PCB	0.00	6/19/96	6/20/96	HOLD

MITKEM CORPORATION

Lab ID	Client ID	Matrix	Analysis	Price	Sampled	Received	Comments							
							TPH	IR	BNA	Herb	P/P	Wet	Met	Voa
							0	0	0	0	24	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

ADDITIONAL REPORT GOES TO:
none

INVOICE GOES TO:
same

ADDITIONAL REPORT GOES TO:
none

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

CHAIN-OF-CUSTODY RECORD

INVOICE TO		REPORT TO		
COMPANY VHB	PHONE 617-924-1770	COMPANY	PHONE	LAB REFERENCE #:
NAME Jeff Gower	FAX 617-923-2336	NAME	FAX	
ADDRESS 101 Walnut St.		ADDRESS		TURNAROUND TIME: STANDARD
CITY/ST/ZIP Watertown, MA		CITY/ST/ZIP		

CLIENT PROJECT NAME: Bolivar Mtch | CLIENT PROJECT #: | CLIENT P.O.#:

REQUESTED ANALYSES: PCB-8080

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	COMMENTS
BL009 Primary	6/19/96		X		X			1	Berm Sample
BW09 Duplicate	6/19/96		X		X			1	Berm Sample
BW09 Reserve	6/19/96		X		X			1	Berm Sample
BX07 Primary	6/19/96		X		X			1	Berm Sample
BX07 Duplicate	6/19/96		X		X			1	Berm Sample
BX07 Reserve	6/19/96		X		X			1	Berm Sample
D007:F3	6/19/96	X	X		X			1	Cell D07:F3
D007:F3	6/19/96	X			X			1	Cell D07:F3
BD07:F3	6/19/96	X			X			1	Cell D07:F3
PG :I3	6/19/96	X			X			1½	Cell G1:I3
BG :I3	6/19/96	X			X			1	"
RG :I3	6/19/96	X			X			1	"

HOLD

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
1st	Jeffrey R Gower	6/20/96		6-20-96 0835	Send results to Jeff Gower / David Carlson	
2nd		/		/		
3rd		/		/		

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CHAIN-OF-CUSTODY RECORD

INVOICE TO		REPORT TO		
COMPANY VHB	PHONE 617-924-1770	COMPANY	PHONE	LAB REFERENCE #:
NAME Jeffrey L Gower	FAX 617-923-2336	NAME	FAX	
ADDRESS 101 Walnut St.		ADDRESS		TURNAROUND TIME: Standard
CITY/ST/ZIP Watertown MA		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Boldan Beach	70632.13	

REQUESTED ANALYSES: PCB-8080

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	PCB-8080	COMMENTS
PJ01:L03	6/19/96	X			X			1	X	Cell Jo1:L03
DJ01:L03	6/19/96	X			X			1	Hold	Cell Jo1:L03
RJ01:L03	6/19/96	X			X			1	Hold	Cell Jo1:L03
PM01:003	6/19/96	X			X			1	X	Cell Mo1:003
DM01:003	6/19/96	X			X		JG	1	Hold	Cell Mo1:003
~~RM01:003~~	~~6/19/96~~	X			X				Hold	~~Cell Mo1:003~~
PP01:R03	6/19/96	X			X			1	X	Cell PP01:R03
RP01:R03	6/19/96	X			X			1	Hold	Cell PP01:R03
BP01:R03	6/19/96	X			X			1	Hold	Cell PP01:R03
PS01:403	6/19/96	X			X			1	X	Cell S01:403
DS01:403	6/19/96	X			X		JG	1	Hold	Cell S01:403
~~RS01:403~~	~~6/19/96~~	X			X				Hold	~~Cell S01:403~~

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
1st	Jeffrey L Gower	6/20/96	PJAS	6-20-96 0835		
2nd		/		/		
3rd		/		/		

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CHAIN-OF-CUSTODY RECORD

INVOICE TO		REPORT TO		
COMPANY VHB	PHONE 617-924-1770	COMPANY	PHONE	LAB REFERENCE #:
NAME Jeffrey R. Gower	FAX 617-923-2286	NAME	FAX	
ADDRESS 101 Walnut St.		ADDRESS		TURNAROUND TIME: Standard
CITY/ST/ZIP Watertown MA		CITY/ST/ZIP		

CLIENT PROJECT NAME: Boliden Metech | CLIENT PROJECT #: 10632.13 | CLIENT P.O.#:

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	8240									COMMENTS
PV01:X03	6/19/96	X			X			1	X									Cell Vol:X03
DV01:X03	6/19/96	X			X			1	X							Hold		Cell Vol:X03
RV01:X03	6/19/96	X			X			1								Hold		Cell Vol:X03
PJ7:L9	6/19/96	X			X			1	X									Cell J7:L9
DJ7:L9	6/19/96	X			X			1								Hold		Cell J7:L9
RJ7:L9	6/19/96	X			X			1								Hold		Cell J7:L9
PS7:49	6/19/96	X			X			1	X									Cell S7:49
DS7:49	6/19/96	X			X			1								Hold		Cell S7:49
RS7:49	6/19/96	X			X			1								Hold		Cell S7:49
PV07:X09	6/19/96	X			X			1	X									Cell V07:X09
DV07:X09	6/19/96	X			X			1	X							[redacted]		Cell V07:X09
RV07:X09	6/19/96	X			X			1								Hold		Cell V07:X09

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
1st	Jeffrey R. Gower	6/20/96	Paul A. Smith	6-20-96 0835
2nd		/		/
3rd		/		/

ADDITIONAL REMARKS:

COOLER TEMP:

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CHAIN-OF-CUSTODY RECORD

INVOICE TO		REPORT TO		
COMPANY VHB	PHONE 617-924-1770	COMPANY	PHONE	LAB REFERENCE #:
NAME Jeffrey R. Gower	FAX 617-924-2286	NAME J.G	FAX	6/19/96
ADDRESS 101 Walnut Street		ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP Watertown, MA 02172		CITY/ST/ZIP		Std

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Bolidon Metech	70632.13	

REQUESTED ANALYSES: PCB-8080; JG; JG7

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	PCB-8080									JG7				COMMENTS
DEQAQCS1:U3	6/19/96			X				1	X													Cell S1:U3 6/19/96 JRG
DEQAQCV1:X3	6/19/96			X				1	X										X			Cell V1:X3
DEQAQCV7:X9	6/19/96			X				1	X					6/19/96 KAS								Cell V7:X9
SDEQAQCJ7:L9	6/19/96			X				1	X													Cell J7:L9
SDEQAQCV7:X9	6/19/96			X				1	X													Cell V7:X9
CDEQAQCV7:X9	6/19/96			X		6/19/96 KAS		1	X					POT:R09								Cell V7:X9
CDEQAQCV1:X3	6/19/96			X				1	P X													Cell V1:X3
CDEQAQCP1:R3	6/19/96			X				1	X													Cell P1:R3
CDEQAQCJ1:L3	6/19/96	POT:R09		X				1	X													Cell J1:L3
PPOT:R09	6/19/96				X			1	X													Cell POT:R09
RPOT:R09	6/19/96				X			1										Hold				Cell POT:R09
DPOT:R09	6/19/96				X			1										Hold				Cell POT:R09

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
1st	Jeffrey R. Gower	6/20/96		6-20-96/0835		
2nd		/		/		
3rd		/		/		

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CHAIN-OF-CUSTODY RECORD

INVOICE TO		REPORT TO		
COMPANY VHB	PHONE 617-924-1770	COMPANY	PHONE	LAB REFERENCE #:
NAME Jeff Gower	FAX 617-923-2336	NAME	FAX	
ADDRESS 101 Walnut St.		ADDRESS		TURNAROUND TIME: Standard
CITY/ST/ZIP Watertown MA		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Boldon Metch	10632.13	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: PCB-8080	COMMENTS
BGT:T9	6/19/96				X			1	X	
DGT:T9	6/19/96				X			5		Hold
BGT:T9	6/19/96				X			1		Hold
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
1st	Jeff L. Gower	6/20/96	[signature]	6-20-96 0835		
2nd		/		/		
3rd		/		/		

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