SR-28-0143

Appendix G - PCB Cleanup Verification Report, 1 of 1

Boliden Metech Allens Avenue Facility

Laboratory Analytical Results, Sampling Round 2

434 Allens Avenue
Providence,
Rhode Island

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

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

March 1998

MITKEM CORPORATION

Client: VHB, Inc.

Client Project: Boliden Metech

Lab Project No.: C0655 and C0680

Date Samples Received: July 12 and July 18, 1996

Project Narrative

Two (2) soil samples were received from Vertex Engineering Services on July 12, 1996 and an additional forty two (42) soil samples were received on July 18, 1996. These samples were analyzed for PCB as specified in the Chain of Custody Form. For reference, a copy of the Mitkem Sample Log-in Sheet is included for cross-referencing the Client sample ID and laboratory sample ID.

Due to laboratory problems, the Lab Control Sample (P0715-LCS1) was performed using Aroclor 1260 as opposed to the project specified congeners.

Many of the sample extracts were analyzed at huge dilutions due to the high concentration of PCBs in the samples. Due to these dilutions, surrogate recoveries could not be accurately determined.

The high concentration of PCB in the samples also resulted in difficulties in evaluating the matrix spike recoveries as the spike concentrations were much lower than the unspiked sample concentration.

Per project requirement, all appropriate chromatograms and raw data were included in the report. These were chronologically arranged by QC Batch.

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.

Anjana K. Saini, Ph.D.
QA/QC Director

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0715-B1
Extration Date: 7/15/96
Matrix: Soil

		Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0655-01	AVHB	95%	95%
C0655-02	BVHB	100%	98%
QA/QC			
Method Blank			
P0715-B1		122%	102%
Lab Control Sample			
P0715-LCS1		112%	108%

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0719-B1
Extration Date: 7/19/96
Matrix: Soil

		Surrogate Recovery		
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl	
C0680-01	PG M8	75%	125%	
C0680-02	PG M11	75%	105%	
C0680-03	PG N1	75%	225%	
C0680-04	PG N4	DL	DL	
C0680-05	PG N6	DL	DL	
C0680-06	PG O5	DL	DL	
C0680-07	PG O8	62%	100%	
C0680-08	PG O12	88%	112%	
C0680-09	PG P4	DL	DL	
C0680-10	PG P7	95%	140%	
C0680-11	PG P10	DL	DL	
C0680-12	PG Q1	DL	DL	
C0680-13	PG Q4	DL	DL	
C0680-14	PG Q7	100%	725%	*
C0680-15	PG Q11	110%	160%	
C0680-16	PG S2	95%	105%	
C0680-17	PG S4	100%	325%	
C0680-18	PG S6	DL	DL	
QA/QC				
Method Blank				
P0719-B1		105%	102%	
Lab Control Sample				
P0719-LCS1		100%	95%	
Matrix Spike Summary				
C0680-01MS		75%	125%	
C0680-01MSD		75%	125%	

DL= Diluted out

* High recovery due to coeluting interferences

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0719-B2
Extration Date: 7/19/96
Matrix: Soil

		Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0680-19	PG T9	62%	125%
C0680-20	PG U2	DL	DL
C0680-21	PG U3	DL	DL
C0680-22	PG U8	100%	150%
C0680-23	PG V3	DL	DL
C0680-24	PG V4	DL	DL
C0680-25	PG V6	112%	250%
C0680-26	PG Q7	100%	0%
C0680-27	DG U2	DL	DL
C0680-28	DG V6	100%	290%
C0680-33	~~PG O05~~ P(M7:09)(1-2')	95%	72%
C0680-34	PM10: O12	98%	95%
C0680-35	DM10: O12	98%	88%
C0680-36	RM10: O12	98%	92%
C0680-37	PM4: O6	82%	82%
C0680-38	DM4: O6	88%	82%
C0680-39	RM4: O6	92%	90%

QA/QC

Method Blank		
P0719-B2	92%	92%
Lab Control Sample		
P0719-LCS2	80%	85%
Matrix Spike Summary		
C0680-21MS	DL	DL
C0680-21MSD	DL	DL

DL= Diluted out

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0722-B1
Extration Date: 7/22/96
Matrix: Soil

		Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0680-43	AVHB2	DL	DL
C0680-44	BVHB2	125%	100%

QA/QC

Method Blank P0722-B1	75%	82%
Lab Control Sample P0722-LCS1	108%	108%

DL= Diluted out

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0724-B3
Extration Date: 7/24/96
Matrix: Water

		Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0680-29	DE QAQC M8	85%	28%
C0680-30	DE QAQC N1	80%	32%
C0680-31	DE QAQC Q1	75%	45%
C0680-32	DE QAQC U8	75%	40%
C0680-40	DE QAQC M10 ; 012 RE5	90%	45%
C0680-41	DE QAQC M7 ; 09	70%	30%
C0680-42	DE QAQC M4 ; 06	65%	30%

QA/QC

Method Blank		
P0724-B3	78%	65%
Lab Control Sample		
P0724-LCS3	82%	78%

C0680-24B3

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: AVHB
Lab ID: C0655-01
Analysis: Method 8080

Analysis Date: 7/18/96
Matrix: Soil, 98% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	66
Aroclor-1232	ND	33
Aroclor-1242	18,000 D	33
Aroclor-1248	ND	33
Aroclor-1254	1,800 D	33
Aroclor-1260	ND	33

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	95%
Decachlorobiphenyl	95%

ND=Not Detected

QC Batch: P0715-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: BVHB
Lab ID: C0655-02
Analysis: Method 8080

Analysis Date: 7/18/96
Matrix: Soil, 98% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	34
Aroclor-1221	ND	68
Aroclor-1232	ND	34
Aroclor-1242	ND	34
Aroclor-1248	ND	34
Aroclor-1254	7,900 D	34
Aroclor-1260	ND	34

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	98%

ND=Not Detected

QC Batch: P0715-B1

C0655-02

010

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0715-B1
Analysis: Method 8080

Analysis Date: 7/18/96
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	122%
Decachlorobiphenyl	102%

ND=Not Detected

QC Batch: P0715-B1

C0655-MB

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Client ID:
Lab ID for Blank Spike: P0715-LCS1
Analysis: Method 8080
Spike Compound: Aroclor 1260

Matrix: Soil
Analysis Date for Blank Spike: 7/18/96

Analyte	% Recovery
Aroclor 1260	108

QC BatcH: P0715-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG M8
Lab ID: C0680-01
Analysis: Method 8080

Analysis Date: 7/26/96
Matrix: Soil, 95% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	350
Aroclor-1221	ND	690
Aroclor-1232	ND	350
Aroclor-1242	16,000	350
Aroclor-1248	ND	350
Aroclor-1254	10,000	350
Aroclor-1260	ND	350

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	125%

ND=Not Detected

QC Batch: P0719-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG M11
Lab ID: C0680-02
Analysis: Method 8080

Analysis Date: 7/26/96
Matrix: Soil, 89% 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	3,600	110
Aroclor-1248	ND	110
Aroclor-1254	2,600	110
Aroclor-1260	ND	110

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	105%

ND=Not Detected

QC Batch: P0719-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG N1
Lab ID: C0680-03
Analysis: Method 8080

Analysis Date: 7/27/96
Matrix: Soil, 81% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	410
Aroclor-1221	ND	820
Aroclor-1232	ND	410
Aroclor-1242	16,000	410
Aroclor-1248	ND	410
Aroclor-1254	7,800	410
Aroclor-1260	ND	410

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	225%

ND=Not Detected

QC Batch: P0719-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG N4
Lab ID: C0680-04
Analysis: Method 8080

Analysis Date: 7/30/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 40

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1,500
Aroclor-1221	ND	3,000
Aroclor-1232	ND	1,500
Aroclor-1242	64,000	1,500
Aroclor-1248	ND	1,500
Aroclor-1254	32,000	1,500
Aroclor-1260	ND	1,500

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

ND=Not Detected

QC Batch: P0719-B1

DL = Diluted out

016

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG N6
Lab ID: C0680-05
Analysis: Method 8080

Analysis Date: 7/27/96
Matrix: Soil, 83% solids
Concentration in: ug/kg, dry weight basis
Dilution: 50

Analyte	Results	Reporting Limits
Aroclor-1016	ND	2,000
Aroclor-1221	ND	4,000
Aroclor-1232	ND	2,000
Aroclor-1242	72,000	2,000
Aroclor-1248	ND	2,000
Aroclor-1254	35,000	2,000
Aroclor-1260	ND	2,000

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

ND=Not Detected

QC Batch: P0719-B1

DL = Diluted out

017

C0680-05

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG O5
Lab ID: C0680-06
Analysis: Method 8080

Analysis Date: 7/30/96
Matrix: Soil, 85% solids
Concentration in: ug/kg, dry weight basis
Dilution: 40

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1,600
Aroclor-1221	ND	3,100
Aroclor-1232	ND	1,600
Aroclor-1242	74,000	1,600
Aroclor-1248	ND	1,600
Aroclor-1254	34,000	1,600
Aroclor-1260	ND	1,600

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

ND=Not Detected

QC Batch: P0719-B1

DL = Diluted out

018

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG O8
Lab ID: C0680-07
Analysis: Method 8080

Analysis Date: 7/27/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 5

Analyte	Results	Reporting Limits
Aroclor-1016	ND	180
Aroclor-1221	ND	360
Aroclor-1232	ND	180
Aroclor-1242	5,900	180
Aroclor-1248	ND	180
Aroclor-1254	5,600	180
Aroclor-1260	ND	180

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	62%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0719-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG O12
Lab ID: C0680-08
Analysis: Method 8080

Analysis Date: 7/27/96
Matrix: Soil, 87% solids
Concentration in: ug/kg, dry weight basis
Dilution: 5

Analyte	Results	Reporting Limits
Aroclor-1016	ND	190
Aroclor-1221	ND	380
Aroclor-1232	ND	190
Aroclor-1242	6,200	190
Aroclor-1248	ND	190
Aroclor-1254	4,000	190
Aroclor-1260	ND	190

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

ND=Not Detected

QC Batch: P0719-B1

020

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG P4
Lab ID: C0680-09
Analysis: Method 8080

Analysis Date: 8/1/96
Matrix: Soil, 86% solids
Concentration in: ug/kg, dry weight basis
Dilution: 40

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1,600
Aroclor-1221	ND	3,100
Aroclor-1232	ND	1,600
Aroclor-1242	49,000	1,600
Aroclor-1248	ND	1,600
Aroclor-1254	21,000	1,600
Aroclor-1260	ND	1,600

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

ND=Not Detected

QC Batch: P0719-B1

DL = Diluted out

021

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG P7
Lab ID: C0680-10
Analysis: Method 8080

Analysis Date: 7/27/96
Matrix: Soil, 94% solids
Concentration in: ug/kg, dry weight basis
Dilution: 2

Analyte	Results	Reporting Limits
Aroclor-1016	ND	70
Aroclor-1221	ND	140
Aroclor-1232	ND	70
Aroclor-1242	2,300	70
Aroclor-1248	ND	70
Aroclor-1254	1,300	70
Aroclor-1260	ND	70

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	95%
Decachlorobiphenyl	140%

ND=Not Detected

QC Batch: P0719-B1

022

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG P10
Lab ID: C0680-11
Analysis: Method 8080

Analysis Date: 8/1/96
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	7,500	710
Aroclor-1260	ND	710

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

ND=Not Detected

QC Batch: P0719-B1

DL = Diluted out

023

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG Q1
Lab ID: C0680-12
Analysis: Method 8080

Analysis Date:7/30/96
Matrix: Soil, 86% solids
Concentration in: ug/kg, dry weight basis
Dilution: 100

Analyte	Results	Reporting Limits
Aroclor-1016	ND	3,800
Aroclor-1221	ND	7,600
Aroclor-1232	ND	3,800
Aroclor-1242	92,000	3,800
Aroclor-1248	ND	3,800
Aroclor-1254	150,000	3,800
Aroclor-1260	ND	3,800

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

ND=Not Detected

QC Batch: P0719-B1

DL = Diluted out

024

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG Q4
Lab ID: C0680-13
Analysis: Method 8080

Analysis Date:7/30/96
Matrix: Soil, 85% solids
Concentration in: ug/kg, dry weight basis
Dilution: 40

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1,500
Aroclor-1221	ND	3,000
Aroclor-1232	ND	1,500
Aroclor-1242	58,000	1,500
Aroclor-1248	ND	1,500
Aroclor-1254	28,000	1,500
Aroclor-1260	ND	1,500

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

ND=Not Detected

QC Batch: P0719-B1

DL = Diluted out

025

C0680 13

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG Q7
Lab ID: C0680-14
Analysis: Method 8080

Analysis Date:7/30/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	370
Aroclor-1221	ND	740
Aroclor-1232	ND	370
Aroclor-1242	10,000	370
Aroclor-1248	ND	370
Aroclor-1254	5,000	370
Aroclor-1260	ND	370

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	725% *

ND=Not Detected

QC Batch: P0719-B1

* High recovery due to coeluting interferences

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG Q11
Lab ID: C0680-15
Analysis: Method 8080

Analysis Date:7/30/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 4

Analyte	Results	Reporting Limits
Aroclor-1016	ND	150
Aroclor-1221	ND	300
Aroclor-1232	ND	150
Aroclor-1242	4,000	150
Aroclor-1248	ND	150
Aroclor-1254	2,200	150
Aroclor-1260	ND	150

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	110%
Decachlorobiphenyl	160%

ND=Not Detected

QC Batch: P0719-B1

027

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG S2
Lab ID: C0680-16
Analysis: Method 8080

Analysis Date:7/27/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	37
Aroclor-1221	ND	75
Aroclor-1232	ND	37
Aroclor-1242	900	37
Aroclor-1248	ND	37
Aroclor-1254	1,800	37
Aroclor-1260	ND	37

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	95%
Decachlorobiphenyl	105%

ND=Not Detected

QC Batch: P0719-B1

028

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG S4
Lab ID: C0680-17
Analysis: Method 8080

Analysis Date:7/30/96
Matrix: Soil, 94% 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	13,000	350
Aroclor-1248	ND	350
Aroclor-1254	6,800	350
Aroclor-1260	ND	350

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	325%

ND=Not Detected

QC Batch: P0719-B1

029

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG S6
Lab ID: C0680-18
Analysis: Method 8080

Analysis Date:7/30/96
Matrix: Soil, 83% solids
Concentration in: ug/kg, dry weight basis
Dilution: 40

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1,600
Aroclor-1221	ND	3,200
Aroclor-1232	ND	1,600
Aroclor-1242	57,000	1,600
Aroclor-1248	ND	1,600
Aroclor-1254	40,000	1,600
Aroclor-1260	ND	1,600

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

ND=Not Detected

QC Batch: P0719-B1

DL = Diluted out

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0719-B1
Analysis: Method 8080

Analysis Date: 7/26/96
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	105%
Decachlorobiphenyl	102%

ND=Not Detected

QC Batch: P0719-B1

C0680-MB1

MITKEM CORPORATION

Analysis Report: Chlorinated Pesticides

Matrix Spike Summary

Client: VHB, Inc.
Client ID: PG M8
Lab ID for Matrix Spike: C0680-01MS
Lab ID for Matrix Spike Duplicate: C0680-01MSD
Analysis: Method 8080

Matrix: Solid
Analysis Date for Matrix Spike: 7/27/96
Analysis Date for Matrix Spike Duplicate: 7/27/96

	% Recovery		
Analyte	Matrix Spike	Matrix Spike Dup.	% RPD
2,4,4'-Trichlorobiphenyl	*	*	*
2,2',3,3',4,4'-Hexachlorobiphenyl	*	*	*

QC Batch: P0719-B1

* Matrix spike recovery could not be determined due to the much higher levels of PCB in the sample versus the spiked concentration (75 ug/kg as congeners)

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0719-LCS1
Analysis: Method 8080

Matrix: Solid
Analysis Date for Blank Spike: 7/26/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	108
2,2',3,3',4,4'-Hexachlorobiphenyl	112

QC Batch: P0719-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG T9
Lab ID: C0680-19
Analysis: Method 8080

Analysis Date: 7/27/96
Matrix: Soil, 93% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	35
Aroclor-1221	ND	70
Aroclor-1232	ND	35
Aroclor-1242	890	35
Aroclor-1248	ND	35
Aroclor-1254	520	35
Aroclor-1260	ND	35

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	62%
Decachlorobiphenyl	125%

ND=Not Detected

QC Batch: P0719-B2

034

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG U2
Lab ID: C0680-20
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 50

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1,900
Aroclor-1221	ND	3,800
Aroclor-1232	ND	1,900
Aroclor-1242	43,000	1,900
Aroclor-1248	ND	1,900
Aroclor-1254	31,000	1,900
Aroclor-1260	ND	1,900

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

ND=Not Detected

QC Batch: P0719-B2

DL = Diluted out

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG U3
Lab ID: C0680-21
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 50

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1,900
Aroclor-1221	ND	3,800
Aroclor-1232	ND	1,900
Aroclor-1242	75,000	1,900
Aroclor-1248	ND	1,900
Aroclor-1254	24,000	1,900
Aroclor-1260	ND	1,900

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

ND=Not Detected

QC Batch: P0719-B2

DL = Diluted out

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG U8
Lab ID: C0680-22
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 95% solids
Concentration in: ug/kg, dry weight basis
Dilution: 20

Analyte	Results	Reporting Limits
Aroclor-1016	ND	700
Aroclor-1221	ND	1,400
Aroclor-1232	ND	700
Aroclor-1242	31,000	700
Aroclor-1248	ND	700
Aroclor-1254	12,000	700
Aroclor-1260	ND	700

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

ND=Not Detected

QC Batch: P0719-B2

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG V3
Lab ID: C0680-23
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 80% solids
Concentration in: ug/kg, dry weight basis
Dilution: 25

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1,100
Aroclor-1221	ND	2,100
Aroclor-1232	ND	1,100
Aroclor-1242	38,000	1,100
Aroclor-1248	ND	1,100
Aroclor-1254	25,000	1,100
Aroclor-1260	ND	1,100

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

ND=Not Detected

QC Batch: P0719-B2

DL = Diluted out

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG V4
Lab ID: C0680-24
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 91% 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	22,000	720
Aroclor-1248	ND	720
Aroclor-1254	11,000	720
Aroclor-1260	ND	720

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

ND=Not Detected

QC Batch: P0719-B2

DL = Diluted out

039

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG V6
Lab ID: C0680-25
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 5

Analyte	Results	Reporting Limits
Aroclor-1016	ND	180
Aroclor-1221	ND	360
Aroclor-1232	ND	180
Aroclor-1242	4,500	180
Aroclor-1248	ND	180
Aroclor-1254	3,200	180
Aroclor-1260	ND	180

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	112%
Decachlorobiphenyl	250%

ND=Not Detected

QC Batch: P0719-B2

040

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PG Q7
Lab ID: C0680-26
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	360
Aroclor-1221	ND	720
Aroclor-1232	ND	360
Aroclor-1242	14,000	360
Aroclor-1248	ND	360
Aroclor-1254	5,600	360
Aroclor-1260	ND	360

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	0%

ND=Not Detected

QC Batch: P0719-B2

041

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DG U2
Lab ID: C0680-27
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 25

Analyte	Results	Reporting Limits
Aroclor-1016	ND	900
Aroclor-1221	ND	1,800
Aroclor-1232	ND	900
Aroclor-1242	37,000	900
Aroclor-1248	ND	900
Aroclor-1254	34,000	900
Aroclor-1260	ND	900

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

ND=Not Detected

QC Batch: P0719-B2

DL = Diluted out

042

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DG V6
Lab ID: C0680-28
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 5

Analyte	Results	Reporting Limits
Aroclor-1016	ND	180
Aroclor-1221	ND	360
Aroclor-1232	ND	180
Aroclor-1242	4,600	180
Aroclor-1248	ND	180
Aroclor-1254	3,600	180
Aroclor-1260	ND	180

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	290%

ND=Not Detected

QC Batch: P0719-B2

043

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: ~~PG-005~~ P(M7:09)(1-2') KOS
Lab ID: C0680-33
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	66
Aroclor-1232	ND	33
Aroclor-1242	560	33
Aroclor-1248	ND	33
Aroclor-1254	240	33
Aroclor-1260	ND	33

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	95%
Decachlorobiphenyl	72%

ND=Not Detected

QC Batch: P0719-B2

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PM10: O12
Lab ID: C0680-34
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	37
Aroclor-1221	ND	74
Aroclor-1232	ND	37
Aroclor-1242	66	37
Aroclor-1248	ND	37
Aroclor-1254	ND	37
Aroclor-1260	ND	37

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	98%
Decachlorobiphenyl	95%

ND=Not Detected

QC Batch: P0719-B2

145

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DM10: O12
Lab ID: C0680-35
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 89% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	38
Aroclor-1221	ND	75
Aroclor-1232	ND	38
Aroclor-1242	72	38
Aroclor-1248	ND	38
Aroclor-1254	ND	38
Aroclor-1260	ND	38

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	98%
Decachlorobiphenyl	88%

ND=Not Detected

QC Batch: P0719-B2

046

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: RM10: O12
Lab ID: C0680-36
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 86% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	38
Aroclor-1221	ND	76
Aroclor-1232	ND	38
Aroclor-1242	52	38
Aroclor-1248	ND	38
Aroclor-1254	ND	38
Aroclor-1260	ND	38

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	98%
Decachlorobiphenyl	92%

ND=Not Detected

QC Batch: P0719-B2

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PM4: O6
Lab ID: C0680-37
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 86% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	39
Aroclor-1221	ND	78
Aroclor-1232	ND	39
Aroclor-1242	150	39
Aroclor-1248	ND	39
Aroclor-1254	54	39
Aroclor-1260	ND	39

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

ND=Not Detected

QC Batch: P0719-B2

048

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DM4: O6
Lab ID: C0680-38
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 86% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	39
Aroclor-1221	ND	78
Aroclor-1232	ND	39
Aroclor-1242	144	39
Aroclor-1248	ND	39
Aroclor-1254	45	39
Aroclor-1260	ND	39

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	88%
Decachlorobiphenyl	82%

ND=Not Detected

QC Batch: P0719-B2

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: RM4: O6
Lab ID: C0680-39
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 83% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	40
Aroclor-1221	ND	80
Aroclor-1232	ND	40
Aroclor-1242	76	40
Aroclor-1248	ND	40
Aroclor-1254	ND	40
Aroclor-1260	ND	40

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	92%
Decachlorobiphenyl	90%

ND=Not Detected

QC Batch: P0719-B2

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0719-B2
Analysis: Method 8080

Analysis Date: 7/30/96
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	92%
Decachlorobiphenyl	92%

ND=Not Detected

QC Batch: P0719-B2

051

C0680-MB2

MITKEM CORPORATION

Analysis Report: Chlorinated Pesticides

Matrix Spike Summary

Client: VHB, Inc.
Client ID: PG U3
Lab ID for Matrix Spike: C0680-21MS
Lab ID for Matrix Spike Duplicate: C0680-21MSD
Analysis: Method 8080

Matrix: Solid
Analysis Date for Matrix Spike: 7/31/96
Analysis Date for Matrix Spike Duplicate: 7/31/96

	% Recovery		
Analyte	Matrix Spike	Matrix Spike Dup.	% RPD
2,4,4'-Trichlorobiphenyl	*	*	*
2,2',3,3',4,4'-Hexachlorobiphenyl	*	*	*

QC Batch: P0719-B2

* Matrix spike recovery could not be determined due to the much higher levels of PCB in the sample versus the spiked concentration (75 ug/kg) as congeners.

052

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0719-LCS2
Analysis: Method 8080

Matrix: Solid
Analysis Date for Blank Spike: 7/30/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	82
2,2',3,3',4,4'-Hexachlorobiphenyl	98

QC Batch: P0719-B2

053

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: AVHB2
Lab ID: C0680-43
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 98% solids
Concentration in: ug/kg, dry weight basis
Dilution: 50

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1,800
Aroclor-1221	ND	3,600
Aroclor-1232	ND	1,800
Aroclor-1242	58,000	1,800
Aroclor-1248	ND	1,800
Aroclor-1254	ND	1,800
Aroclor-1260	ND	1,800

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

ND=Not Detected

QC Batch: P0722-B1

DL = Diluted out

054

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: C0680-44
Analysis: Method 8080

Analysis Date: 7/31/96
Matrix: Soil, 98% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	360
Aroclor-1221	ND	720
Aroclor-1232	ND	360
Aroclor-1242	ND	360
Aroclor-1248	ND	360
Aroclor-1254	10,000	360
Aroclor-1260	ND	360

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

ND=Not Detected

QC Batch: P0722-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0722-B1
Analysis: Method 8080

Analysis Date: 8/1/96
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	75%
Decachlorobiphenyl	82%

ND=Not Detected

QC Batch: P0722-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0722-LCS1
Analysis: Method 8080

Matrix: Solid
Analysis Date for Blank Spike: 7/30/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	120
2,2',3,3',4,4'-Hexachlorobiphenyl	143

QC Batch: P0722-B1

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC M8
Lab ID: C0680-29
Analysis: Method 8080

Analysis Date: 7/29/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

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

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	85%
Decachlorobiphenyl	28%

ND = Not Detected

QC Batch: P0724-B3

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC N1
Lab ID: C0680-30
Analysis: Method 8080

Analysis Date: 7/29/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

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

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	80%
Decachlorobiphenyl	32%

ND = Not Detected

QC Batch: P0724-B3

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC Q1
Lab ID: C0680-31
Analysis: Method 8080

Analysis Date: 7/29/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

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

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

ND = Not Detected

QC Batch: P0724-B3

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC U8
Lab ID: C0680-32
Analysis: Method 8080

Analysis Date: 7/29/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

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

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	40%

ND = Not Detected

QC Batch: P0724-B3

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC M10 : 012 RD2
Lab ID: C0680-40
Analysis: Method 8080

Analysis Date: 7/30/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

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

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	90%
Decachlorobiphenyl	45%

ND = Not Detected

QC Batch: P0724-B3

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc. pos
Client ID: DE QAQC M7 : 09
Lab ID: C0680-41
Analysis: Method 8080

Analysis Date: 7/30/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

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

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	70%
Decachlorobiphenyl	30%

ND = Not Detected

QC Batch: P0724-B3

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DE QAQC M4 : 06
Lab ID: C0680-42
Analysis: Method 8080

Analysis Date: 7/30/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

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

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	65%
Decachlorobiphenyl	30%

ND = Not Detected

QC Batch: P0724-B3

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0724-B3
Analysis: Method 8080

Analysis Date: 7/29/96
Matrix: Water
Concentration in: ug/L
Dilution: 1

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

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	78%
Decachlorobiphenyl	65%

ND = Not Detected

QC Batch: P0724-B3

C0680-MB

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0724-LCS3
Analysis: Method 8080

Matrix: Aqueous
Analysis Date for Blank Spike: 7/29/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	89
2,2',3,3',4,4'-Hexachlorobiphenyl	98

QC Batch: P0724-B3

Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\C655-01.D Vial: 53
Signal #2 : D:\HPCHEM\5\P5LVL1\C655-01.D\CONFIRM.D
Acq On : 18 Jul 96 04:40 AM Operator: JS
Sample : VHB / AVHB Inst : ECD1
Misc : 30.3G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 18 16:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	7920	6530	0.036	0.038	
				Recovery	=	90.00%	95.00%	
2) S	Decachlorobiphenyl	22.24	30.44	7440	3232	0.038m	0.038	
				Recovery	=	95.00%	95.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.66	540363	397234	6.121	4.635	
4) M	2,2',3,3',4,4'-Hexa	16.94	21.58	9052	2555	0.117	0.019	#
5) L1	Aroclor-1016	6.80	8.79	282167	134917	9.389	10.932	
6) L1	Aroclor-1016 {2}	8.94	10.32	210132	234715	13.436	9.302	#
7) L1	Aroclor-1016 {3}	9.34	12.25	237526	177371	9.877	11.205	
Total	Aroclor-1016			729826	547002	32.702	31.438	
Average	Aroclor-1016					10.901	10.479	
8) L2	Aroclor-1221	5.08	8.02	33732	29093	4.814	4.757	
9) L2	Aroclor-1221 {2}	5.51	8.56	40348	33712	6.916	6.912	
10) L2	Aroclor-1221 {3}	5.68	8.79	166307	134917	8.231	8.788	
Total	Aroclor-1221			240386	197722	19.960	20.457	
Average	Aroclor-1221					6.653	6.819	
11) L3	Aroclor-1232	5.68	8.79	166307	134917	9.117	9.415	
12) L3	Aroclor-1232 {2}	6.80	10.32	282167	234715	20.675	19.537	
13) L3	Aroclor-1232 {3}	8.61	12.25	216910	177371	26.204	25.579	
Total	Aroclor-1232			665384	547002	55.997	54.531	
Average	Aroclor-1232					18.666	18.177	
14) L4	Aroclor-1242	8.22	11.66	540363	397234	13.263	13.753	
15) L4	Aroclor-1242 {2}	8.94	12.25	210132	177371	17.255	14.142	
16) L4	Aroclor-1242 {3}	10.08	14.01	230663	168385	14.244	13.786	
Total	Aroclor-1242			981158	742990	44.763	41.682	
Average	Aroclor-1242					14.921	13.894	
17) L5	Aroclor-1248	9.34	14.96	237526	176132	7.696	8.030	
18) L5	Aroclor-1248 {2}	10.08	15.18	230663	217390	8.866	9.570	
19) L5	Aroclor-1248 {3}	11.42	16.19	286542	204780	8.429	11.661	#
Total	Aroclor-1248			754731	598301	24.991	29.262	
Average	Aroclor-1248					8.330	9.754	

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

Signal #1 : D:\HPCHEM\5\P5LVL1\C655-01.D
Signal #2 : D:\HPCHEM\5\P5LVL1\C655-01.D\CONFIRM.D
Acq On : 18 Jul 96 04:40 AM
Sample : VHB / AVHB
Misc : 30.3G/10ML PCB ANALYSIS
Quant Time: Jul 18 16:26 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.01	15.48	43915	42998	1.497m	1.773m
21) L6	Aroclor-1254 (2)	13.43	15.72	78168	50562	1.910	1.896m
22) L6	Aroclor-1254 (3)	15.82	17.57	10618	67695	0.348	1.819m#
Total	Aroclor-1254			132701	161255	3.755	5.487
Average	Aroclor-1254					1.252	1.829
23) L7	Aroclor-1260	13.91	18.21	44300	5566	1.404	0.197 #
24) L7	Aroclor-1260 (2)	14.71	0.00	6208	0	0.168	N.D. #
25) L7	Aroclor-1260 (3)	17.92	21.94	2832	2346	0.055	0.048
Total	Aroclor-1260			53340	7913	1.626	0.246
Average	Aroclor-1260					0.542	0.123
26) L8	Aroclor-1268	18.86	0.00	850	0	NoCal	N.D.
27) L8	Aroclor-1268 (2)	19.03	0.00	1573	0	NoCal	N.D.
28) L8	Aroclor-1268 (3)	21.81	0.00	586	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.

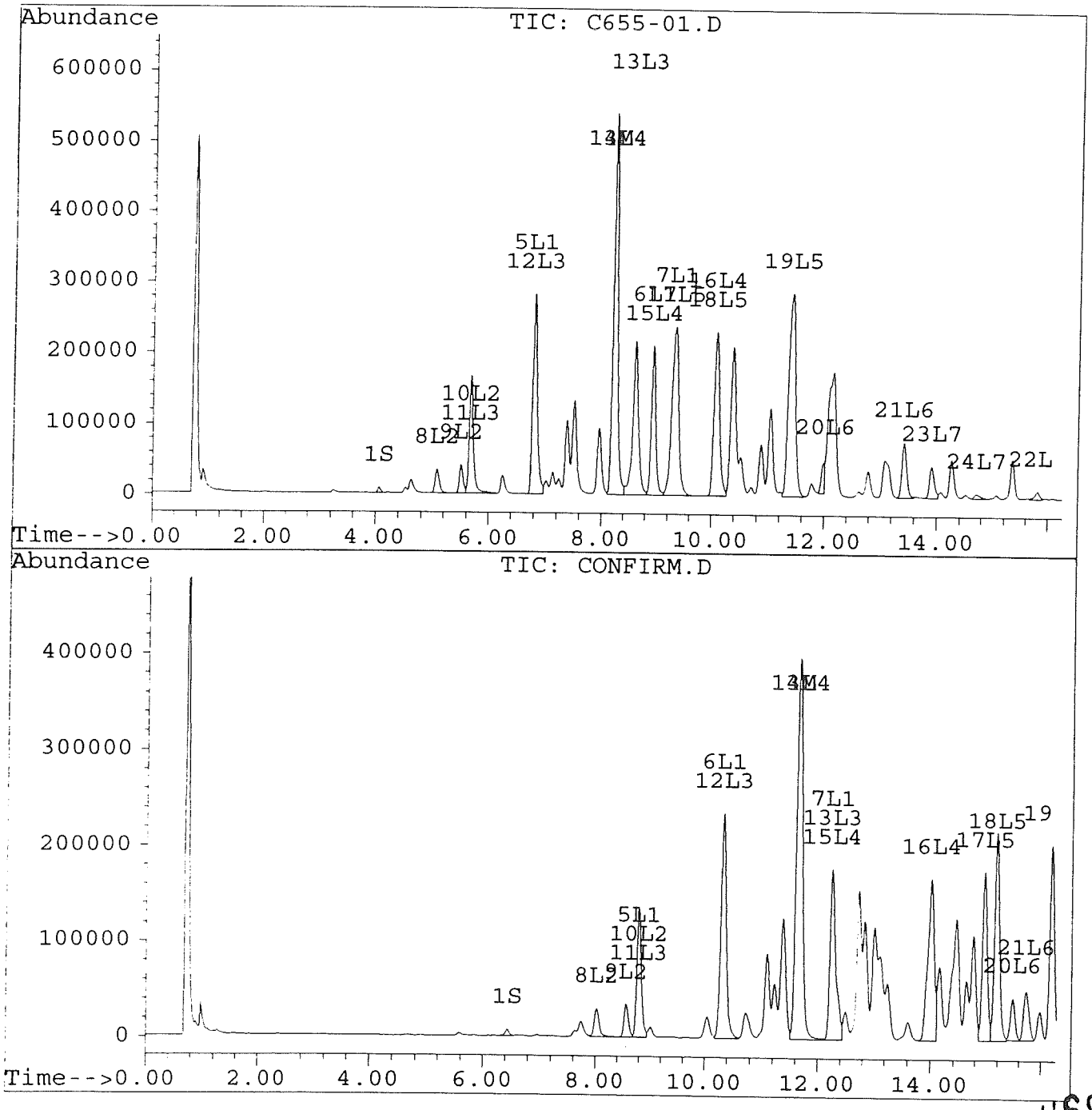
Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\C655-01.D
Signal #2 : D:\HPCHEM\5\P5LVL1\C655-01.D\CONFIRM.D
Acq On : 18 Jul 96 04:40 AM
Sample : VHB / AVHB
Misc : 30.3G/10ML PCB ANALYSIS
Quant Time: Jul 18 16:26 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



069

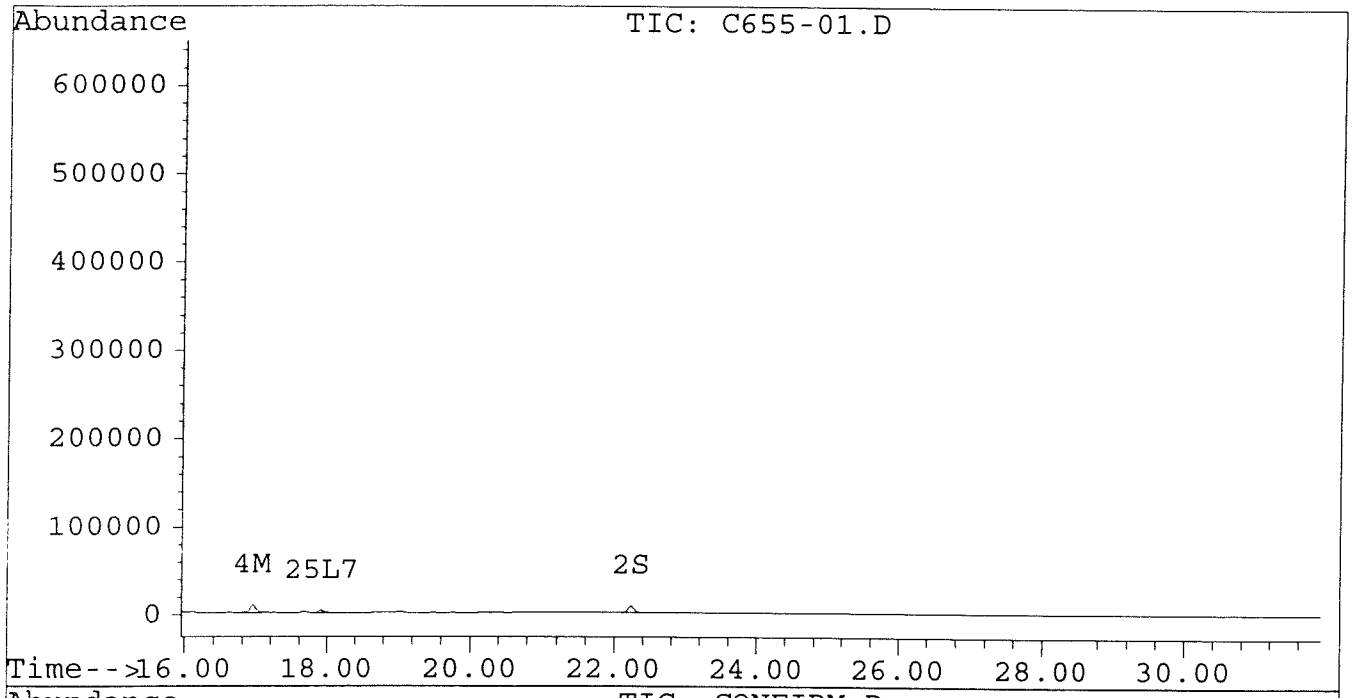
Quantitation Report

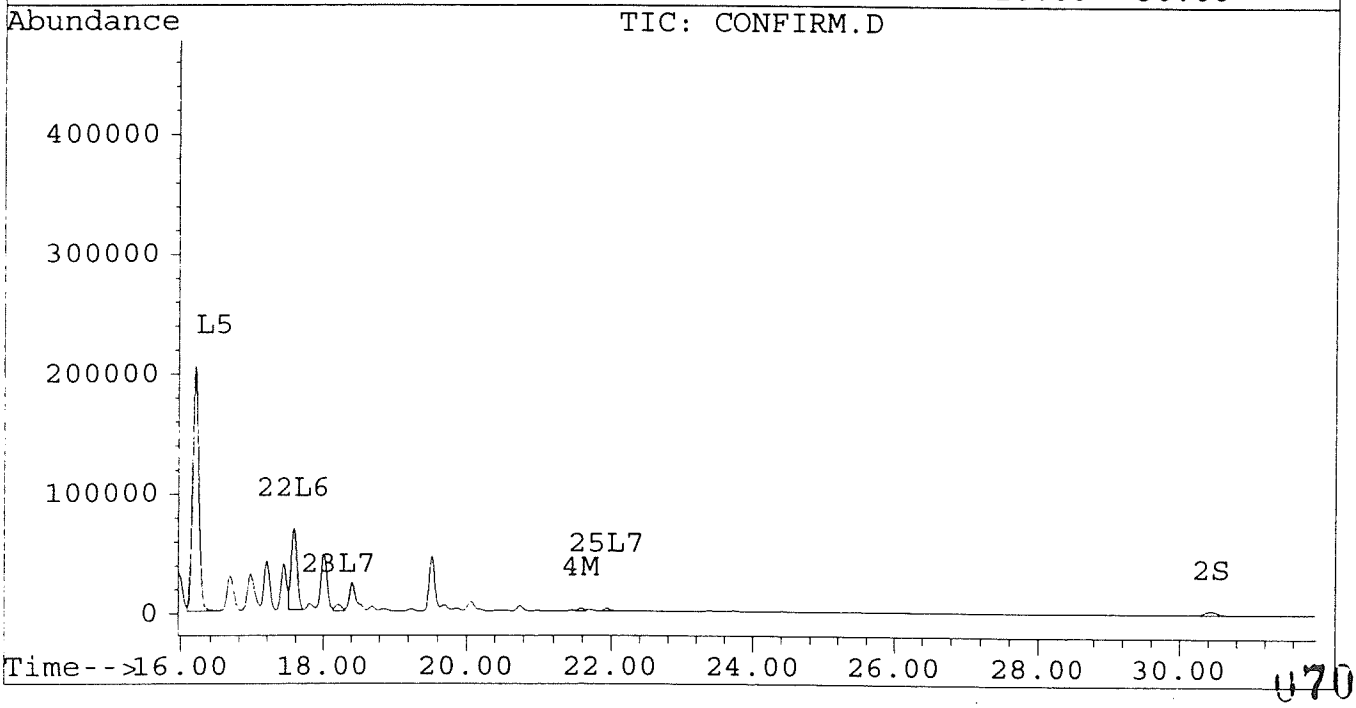
Signal #1 : D:\HPCHEM\5\P5LVL1\C655-01.D
Signal #2 : D:\HPCHEM\5\P5LVL1\C655-01.D\CONFIRM.D
Acq On : 18 Jul 96 04:40 AM
Sample : VHB / AVHB
Misc : 30.3G/10ML PCB ANALYSIS
Quant Time: Jul 18 16:26 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





070

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\C655-01B.D
Signal #2 : D:\HPCHEM\5\JL19\C655-01B.D\CONFIRM.D
Acq On : 19 Jul 96 04:12 PM
Sample : VHB / AVHB 20X DILUTION
Misc : 30.3G/10ML PCB ANALYSIS 20X DILUTION
Quant Time: Jul 25 11:18 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	4.07	6.44	300	259	0.001	0.001
				Recovery	=	2.50%	2.50%
2) S	Decachlorobiphenyl	22.24	30.45	303	141	0.002m	0.002
				Recovery	=	5.00%	5.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.66	37064	25499	0.420	0.298 #
4) M	2,2',3,3',4,4'-Hexa	16.95	21.59	488	132	0.006	0.001 #
5) L1	Aroclor-1016	6.80	8.80	21110	9228	0.702	0.748
6) L1	Aroclor-1016 {2}	8.94	10.33	12110	17692	0.774	0.701
7) L1	Aroclor-1016 {3}	9.33	12.25	16986	11376	0.706	0.719
	Total Aroclor-1016			50206	38296	2.183	2.167
	Average Aroclor-1016					0.728	0.722
8) L2	Aroclor-1221	5.09	8.03	1768	1581	0.252	0.258
9) L2	Aroclor-1221 {2}	5.51	8.57	2520	2151	0.432	0.441
10) L2	Aroclor-1221 {3}	5.68	8.80	11369	9228	0.563	0.601
	Total Aroclor-1221			15658	12959	1.247	1.301
	verage Aroclor-1221					0.416	0.434
11) L3	Aroclor-1232	5.68	8.80	11369	9228	0.623	0.644
12) L3	Aroclor-1232 {2}	6.80	10.33	21110	17692	1.547	1.473
13) L3	Aroclor-1232 {3}	8.61	12.25	14372	11376	1.736	1.641
	Total Aroclor-1232			46851	38296	3.906	3.757
	verage Aroclor-1232					1.302	1.252
14) L4	Aroclor-1242	8.22	11.66	37064	25499	0.910	0.883
15) L4	Aroclor-1242 {2}	8.94	12.25	12110	11376	0.994	0.907
16) L4	Aroclor-1242 {3}	10.08	14.02	15059	10807	0.930	0.885
	Total Aroclor-1242			64233	47682	2.834	2.675
	Average Aroclor-1242					0.945	0.892
17) L5	Aroclor-1248	9.33	14.97	16986	10330	0.550	0.471
18) L5	Aroclor-1248 {2}	10.08	15.18	15059	12625	0.579	0.556
19) L5	Aroclor-1248 {3}	11.41	16.19	17202	10054	0.506	0.572
	Total Aroclor-1248			49247	33008	1.635	1.599
	Average Aroclor-1248					0.545	0.533

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\C655-01B.D Vial: 9
Signal #2 : D:\HPCHEM\5\JL19\C655-01B.D\CONFIRM.D
Acq On : 19 Jul 96 04:12 PM Operator: JS
Sample : VHB / AVHB 20X DILUTION Inst : ECD1
Misc : 30.3G/10ML PCB ANALYSIS 20X DILUTION Multiplr: 1.00
Quant Time: Jul 25 11:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	2676	2616	0.091	0.108
21) L6	Aroclor-1254 {2}	13.43	15.73	3671	2866	0.090	0.107
22) L6	Aroclor-1254 {3}	15.82	17.58	439	3381	0.014	0.091 #
Total	Aroclor-1254			6786	8862	0.195	0.306
Average	Aroclor-1254					0.065	0.102
23) L7	Aroclor-1260	13.91	18.21	2078	282	0.066	0.010 #
24) L7	Aroclor-1260 {2}	14.71	0.00	285	0	0.008	N.D. #
25) L7	Aroclor-1260 {3}	17.92	21.95	121	138	0.002	0.003
Total	Aroclor-1260			2483	420	0.076	0.013
Average	Aroclor-1260					0.025	0.006
26) L8	Aroclor-1268	18.86	0.00	58	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	92	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

0.843
0.907
1.790 µg/mL × 10mL / 0.0303 × .98 × .666 × 20 = 18102

16,000 µg/kg. AR1242

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\C655-01B.D
Signal #2 : D:\HPCHEM\5\JL19\C655-01B.D\CONFIRM.D
Acq On : 19 Jul 96 04:12 PM
Sample : VHB / AVHB 20X DILUTION
Misc : 30.3G/10ML PCB ANALYSIS 20X DILUTION
Quant Time: Jul 25 11:18 1996

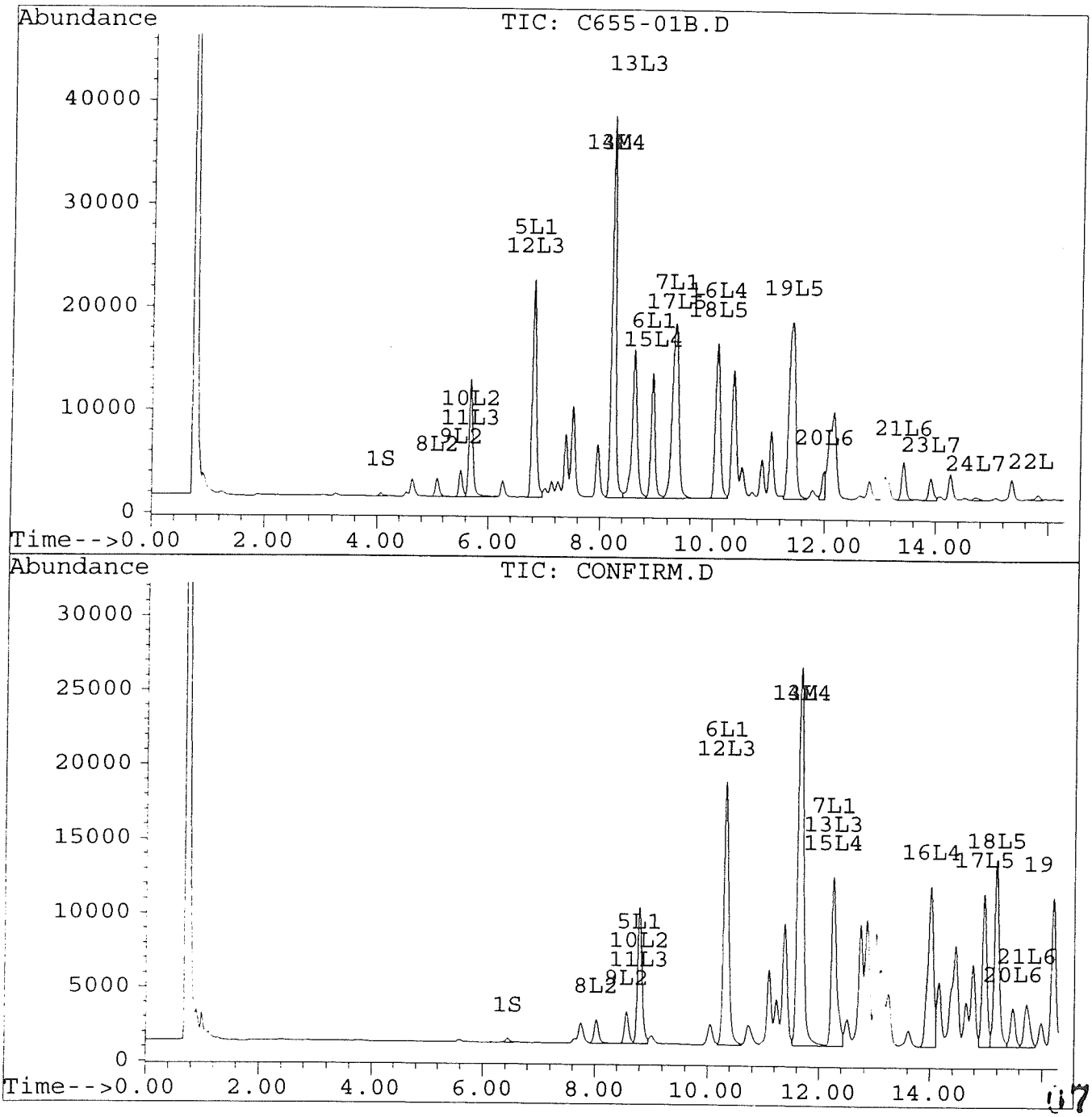
Vial: 9

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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

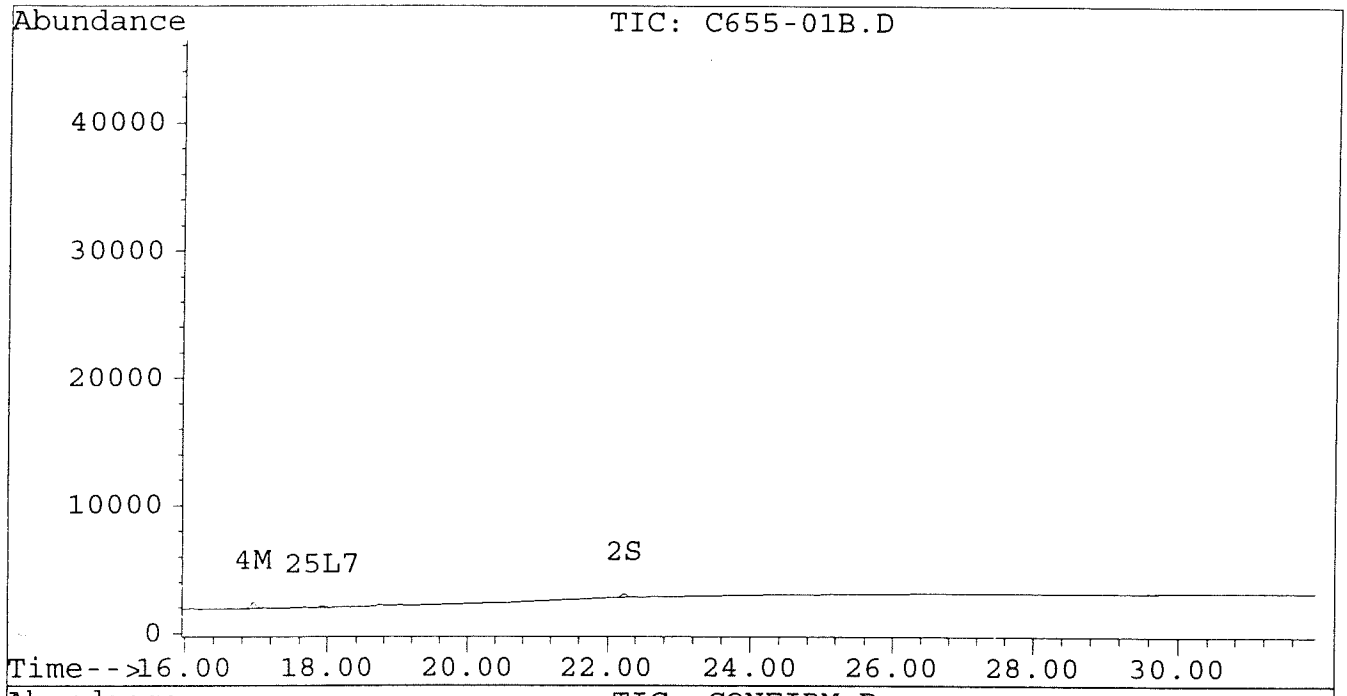


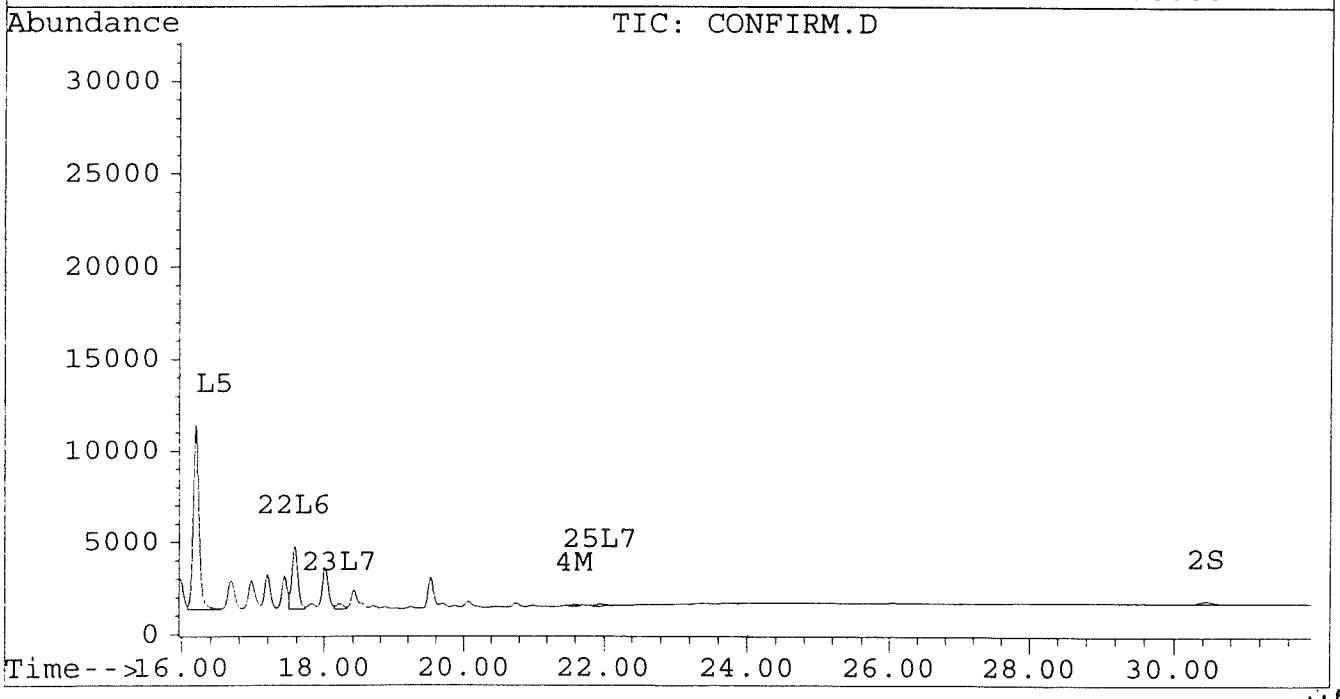
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\C655-01B.D Vial: 9
Signal #2 : D:\HPCHEM\5\JL19\C655-01B.D\CONFIRM.D
Acq On : 19 Jul 96 04:12 PM Operator: JS
Sample : VHB / AVHB 20X DILUTION Inst : ECD1
Misc : 30.3G/10ML PCB ANALYSIS 20X DILUTION Multiplr: 1.00
Quant Time: Jul 25 11:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

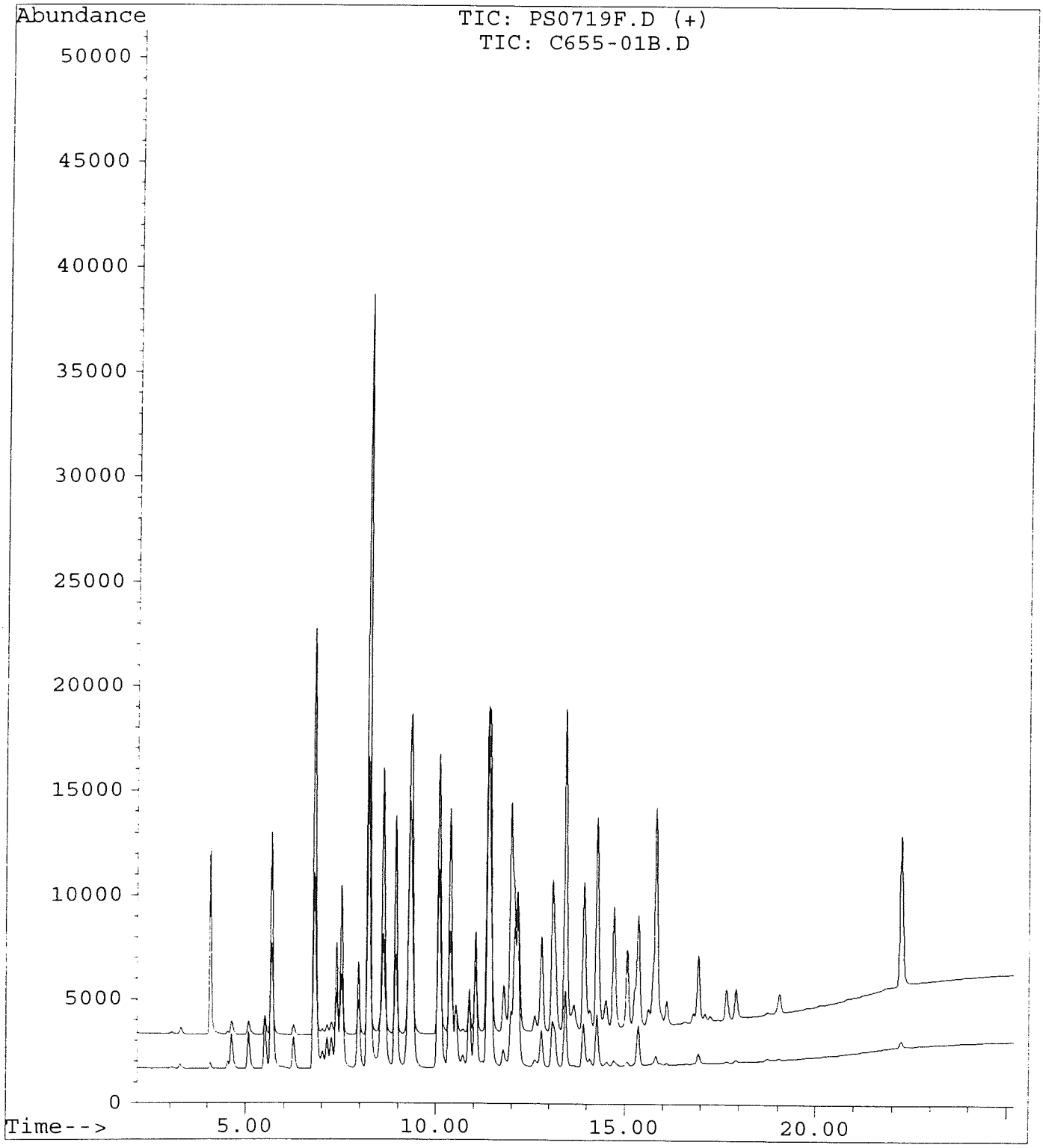
Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





074

File : D:\HPCHEM\5\JL19\C655-01B.D
Operator : JS
Acquired : 19 Jul 96 04:12 PM using AcqMethod PCB1F.MTH
Instrument : ECD1
Sample Name: VHB / AVHB 20X DILUTION
Misc Info : 30.3G/10ML PCB ANALYSIS 20X DILUTION
Vial Number: 9



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\C655-01C.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL19\C655-01C.D\CONFIRM.D
Acq On : 19 Jul 96 04:47 PM Operator: JS
Sample : VHB / AVHB 2X DILUTION Inst : ECD1
Misc : 30.3G/10ML PCB ANALYSIS 2X DILUTION Multiplr: 1.00
Quant Time: Jul 25 11:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	3213	2586	0.014	0.015	
					Recovery	=	35.00%	37.50%	
2)	S	Decachlorobiphenyl	22.24	30.45	2821	1257	0.014m	0.015	
					Recovery	=	35.00%	37.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.66	255640	180988	2.896	2.112	#
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.59	3923	1001	0.051	0.007	#
5)	L1	Aroclor-1016	6.80	8.80	134992	61980	4.492	5.022	
6)	L1	Aroclor-1016 (2)	8.94	10.33	98351	111129	6.289	4.404	#
7)	L1	Aroclor-1016 (3)	9.34	12.25	115275	82380	4.793	5.204	
	Total	Aroclor-1016			348619	255489	15.574	14.630	
	Average	Aroclor-1016					5.191	4.877	
8)	L2	Aroclor-1221	5.08	8.02	15384	13170	2.196	2.154	
9)	L2	Aroclor-1221 (2)	5.51	8.56	19084	15856	3.271	3.251	
10)	L2	Aroclor-1221 (3)	5.68	8.80	78408	61980	3.880	4.037	
	Total	Aroclor-1221			112876	91007	9.347	9.442	
	Average	Aroclor-1221					3.116	3.147	
11)	L3	Aroclor-1232	5.68	8.80	78408	61980	4.299	4.325	
12)	L3	Aroclor-1232 (2)	6.80	10.33	134992	111129	9.891	9.250	
13)	L3	Aroclor-1232 (3)	8.61	12.25	102768	82380	12.415	11.880	
	Total	Aroclor-1232			316168	255489	26.605	25.455	
	Average	Aroclor-1232					8.868	8.485	
14)	L4	Aroclor-1242	8.22	11.66	255640	180988	6.275	6.266	
15)	L4	Aroclor-1242 (2)	8.94	12.25	98351	82380	8.076	6.568	
16)	L4	Aroclor-1242 (3)	10.08	14.02	110820	79662	6.844	6.522	
	Total	Aroclor-1242			464812	343030	21.195	19.357	
	Average	Aroclor-1242					7.065	6.452	
17)	L5	Aroclor-1248	9.34	14.96	115275	81444	3.735	3.713	
18)	L5	Aroclor-1248 (2)	10.08	15.18	110820	98944	4.260	4.356	
19)	L5	Aroclor-1248 (3)	11.42	16.19	134384	90207	3.953	5.137	#
	Total	Aroclor-1248			360480	270595	11.948	13.206	
	Average	Aroclor-1248					3.983	4.402	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\C655-01C.D
Signal #2 : D:\HPCHEM\5\JL19\C655-01C.D\CONFIRM.D
Acq On : 19 Jul 96 04:47 PM
Sample : VHB / AVHB 2X DILUTION
Misc : 30.3G/10ML PCB ANALYSIS 2X DILUTION
Quant Time: Jul 25 11:19 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.02f	15.48	23773	21648	0.811m	0.892
21) L6	Aroclor-1254 {2}	13.43	15.72	35278	24370	0.862	0.914
22) L6	Aroclor-1254 {3}	15.82	17.58	4340	31160	0.142	0.837 #
Total	Aroclor-1254			63391	77178	1.815	2.643
Average	Aroclor-1254					0.605	0.881
23) L7	Aroclor-1260	13.91	18.21	19485	2686	0.617	0.095 #
24) L7	Aroclor-1260 {2}	14.71	0.00	2650	0	0.072	N.D. #
25) L7	Aroclor-1260 {3}	17.92	21.94	1165	907	0.022	0.019
Total	Aroclor-1260			23300	3593	0.712	0.114
Average	Aroclor-1260					0.237	0.057
26) L8	Aroclor-1268	18.86	0.00	371	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	662	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.82	0.00	416	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

0.914
0.837
1.751 µg/mL x 10mL
0.0303 dg x .98 dilution factor
x2 = 1,770

1800
1200 µg/dg
AR1254

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

Quantitation Report

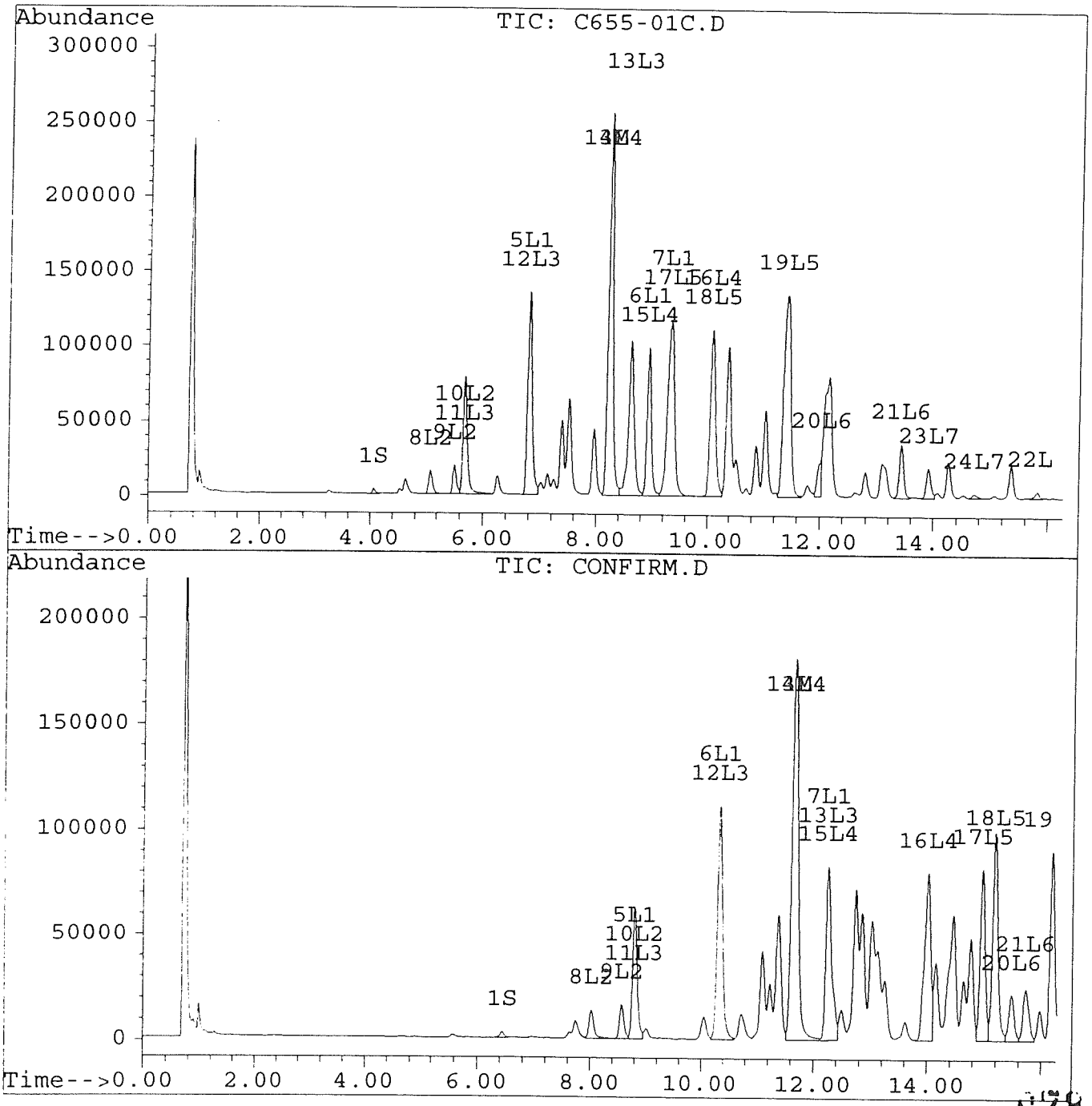
Signal #1 : D:\HPCHEM\5\JL19\C655-01C.D
Signal #2 : D:\HPCHEM\5\JL19\C655-01C.D\CONFIRM.D
Acq On : 19 Jul 96 04:47 PM
Sample : VHB / AVHB 2X DILUTION
Misc : 30.3G/10ML PCB ANALYSIS 2X DILUTION
Quant Time: Jul 25 11:19 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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



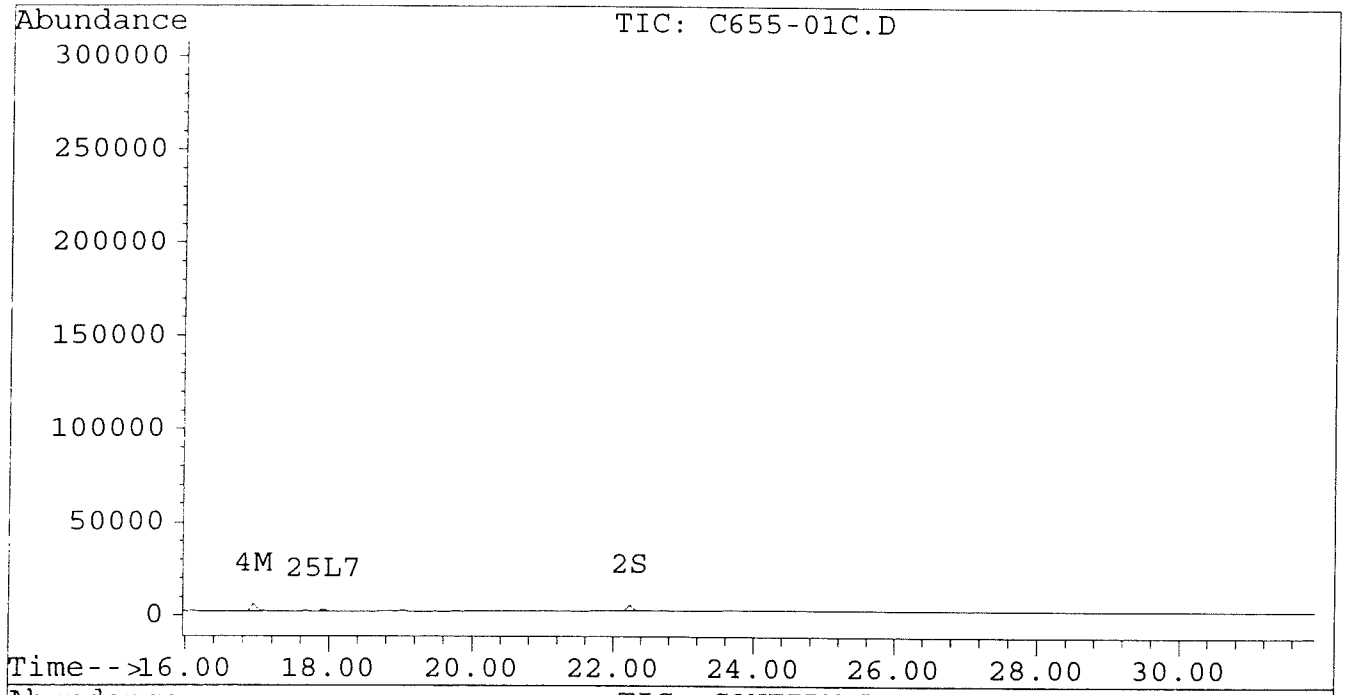
Quantitation Report

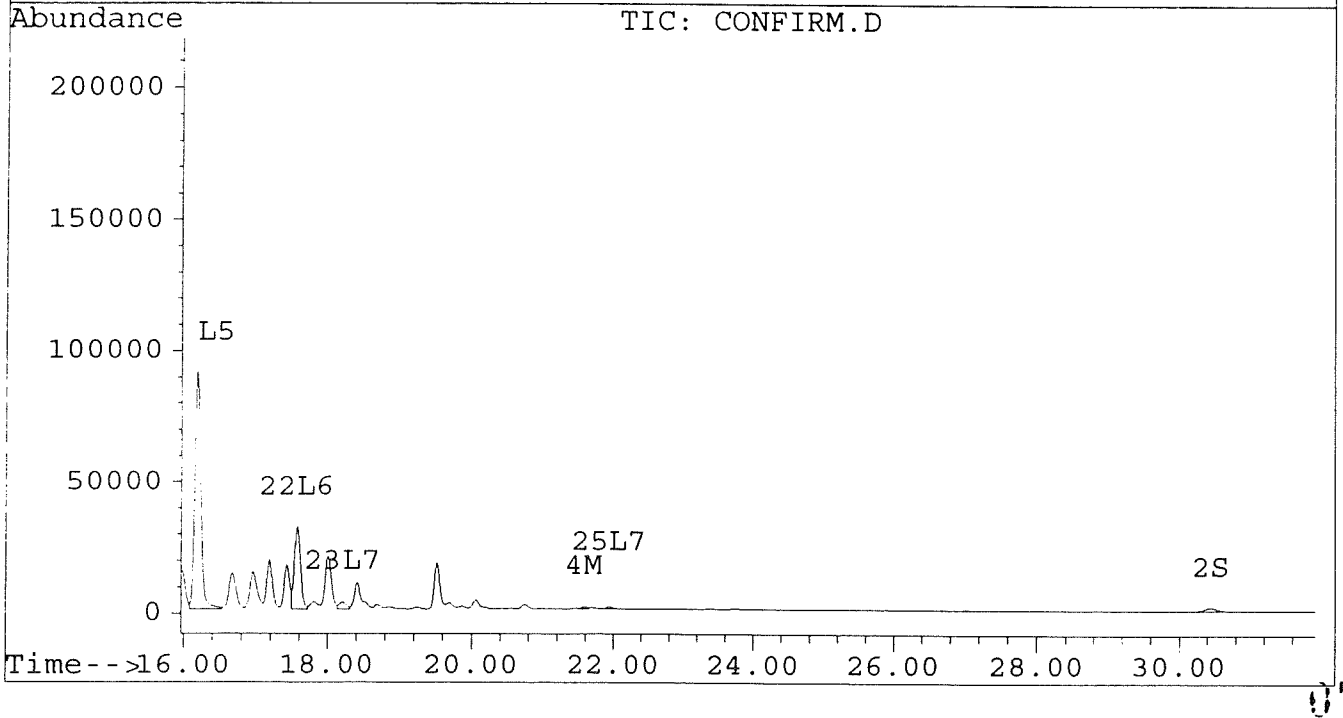
Signal #1 : D:\HPCHEM\5\JL19\C655-01C.D
Signal #2 : D:\HPCHEM\5\JL19\C655-01C.D\CONFIRM.D
Acq On : 19 Jul 96 04:47 PM
Sample : VHB / AVHB 2X DILUTION
Misc : 30.3G/10ML PCB ANALYSIS 2X DILUTION
Quant Time: Jul 25 11:19 1996

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

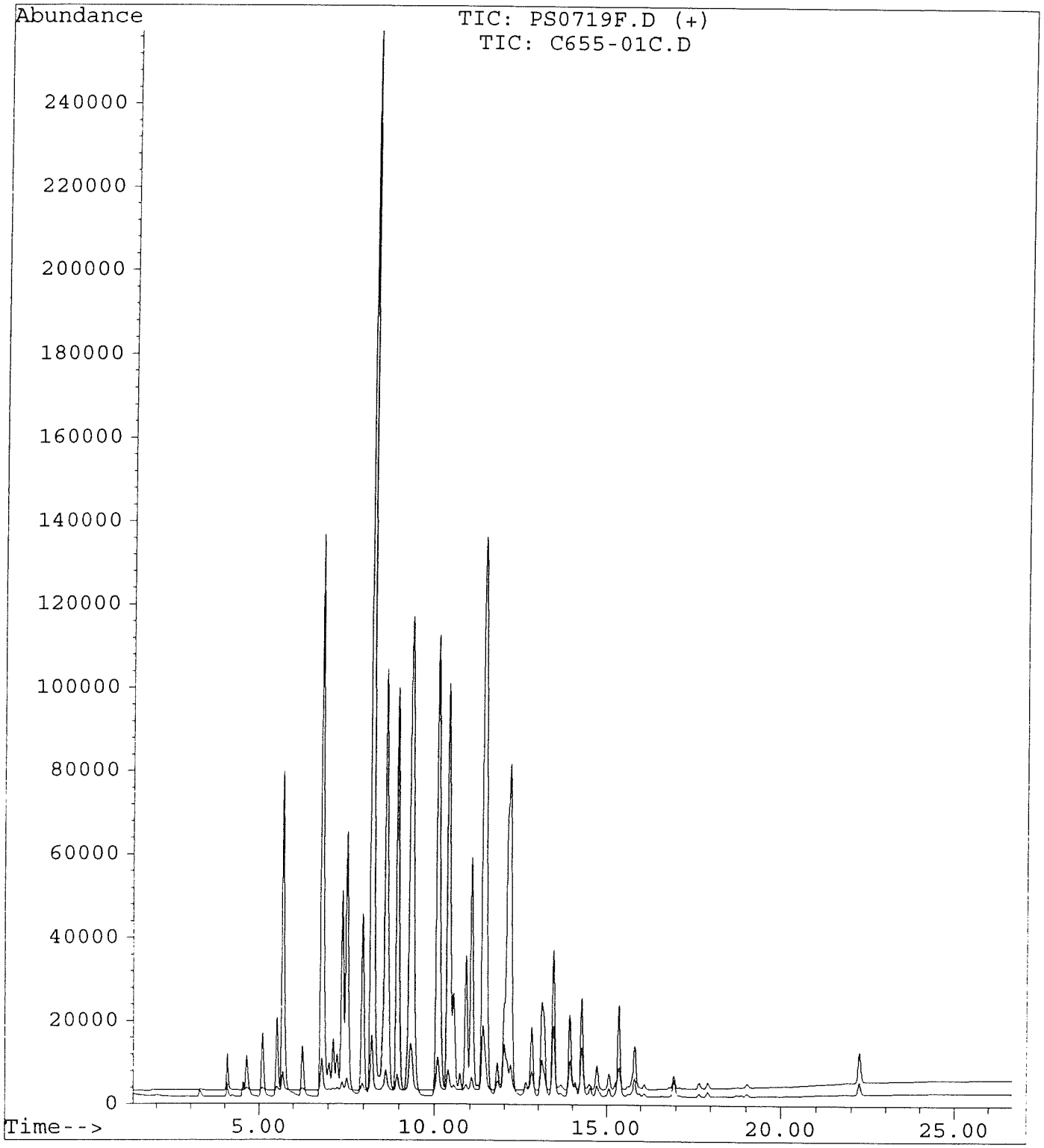
Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





File : D:\HPCHEM\5\JL19\C655-01C.D
Operator : JS
Acquired : 19 Jul 96 04:47 PM using AcqMethod PCB1F.MTH
Instrument : ECD1
Sample Name: VHB / AVHB 2X DILUTION
Misc Info : 30.3G/10ML PCB ANALYSIS 2X DILUTION
Vial Number: 10



Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\C655-02.D
Signal #2 : D:\HPCHEM\5\P5LVL1\C655-02.D\CONFIRM.D
Acq On : 18 Jul 96 05:16 AM
Sample : VHB / BVHB
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Jul 18 16:26 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.43	9016	6853	0.040m	0.040m
				Recovery	=	100.00%	100.00%
2) S	Decachlorobiphenyl	22.24	30.44	7762	3317	0.040m	0.039
				Recovery	=	100.00%	97.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.65	7542	6470	0.085	0.075
4) M	2,2',3,3',4,4'-Hexa	16.94	21.58	91694	68322	1.182	0.508 #
5) L1	Aroclor-1016	6.80	8.80	4270	1661	0.142	0.135
6) L1	Aroclor-1016 {2}	8.94	10.33	2525	3607	0.161	0.143
7) L1	Aroclor-1016 {3}	9.29f	12.26	100141	1842	4.164	0.116 #
	Total Aroclor-1016			106936	7110	4.468	0.394
	Average Aroclor-1016					1.489	0.131
8) L2	Aroclor-1221	5.08	8.02	280	735	0.040	0.120 #
9) L2	Aroclor-1221 {2}	5.51	8.57	366	393	0.063	0.080 #
10) L2	Aroclor-1221 {3}	5.68	8.80	1980	1661	0.098	0.108
	Total Aroclor-1221			2626	2788	0.201	0.309
	Average Aroclor-1221					0.067	0.103
11) L3	Aroclor-1232	5.68	8.80	1980	1661	0.109	0.116
12) L3	Aroclor-1232 {2}	6.80	10.33	4270	3607	0.313	0.300
13) L3	Aroclor-1232 {3}	8.60	12.26	2986	1842	0.361	0.266 #
	Total Aroclor-1232			9236	7110	0.782	0.682
	Average Aroclor-1232					0.261	0.227
14) L4	Aroclor-1242	8.22	11.65	7542	6470	0.185	0.224
15) L4	Aroclor-1242 {2}	8.94	12.26	2525	1842	0.207	0.147 #
16) L4	Aroclor-1242 {3}	10.07	14.02	61699	52578	3.810	4.305
	Total Aroclor-1242			71767	60890	4.203	4.676
	Average Aroclor-1242					1.401	1.559
17) L5	Aroclor-1248	9.29	14.96	100141	79805	3.244	3.638
18) L5	Aroclor-1248 {2}	10.07	15.18	61699	29657	2.372	1.306 #
19) L5	Aroclor-1248 {3}	11.36f	16.19	197055	20908	5.797	1.191 #
	Total Aroclor-1248			358896	130370	11.413	6.135
	Average Aroclor-1248					3.804	2.045

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

081

Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\C655-02.D
Signal #2 : D:\HPCHEM\5\P5LVL1\C655-02.D\CONFIRM.D
Acq On : 18 Jul 96 05:16 AM
Sample : VHB / BVHB
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Jul 18 16:26 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.99	15.47	185979	151415	6.341	6.242
21) L6	Aroclor-1254 {2}	13.43	15.72	293235	166427	7.164	6.239
22) L6	Aroclor-1254 {3}	15.82	17.57	244253	262556	8.009	7.055
Total	Aroclor-1254			723467	580398	21.514	19.536
Average	Aroclor-1254					7.171	6.512
23) L7	Aroclor-1260	13.92	18.21	134498	90351	4.262	3.203
24) L7	Aroclor-1260 {2}	14.71	18.52	122443	105793	3.312	3.252
25) L7	Aroclor-1260 {3}	17.92	21.94	44841	35490	0.864	0.731
Total	Aroclor-1260			301781	231634	8.438	7.186
Average	Aroclor-1260					2.813	2.395
26) L8	Aroclor-1268	18.86	0.00	964	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.04	0.00	32084	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.82	0.00	296	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

needs 1B x dil

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

082

Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\C655-02.D
Signal #2 : D:\HPCHEM\5\P5LVL1\C655-02.D\CONFIRM.D
Acq On : 18 Jul 96 05:16 AM
Sample : VHB / BVHB
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Jul 18 16:26 1996

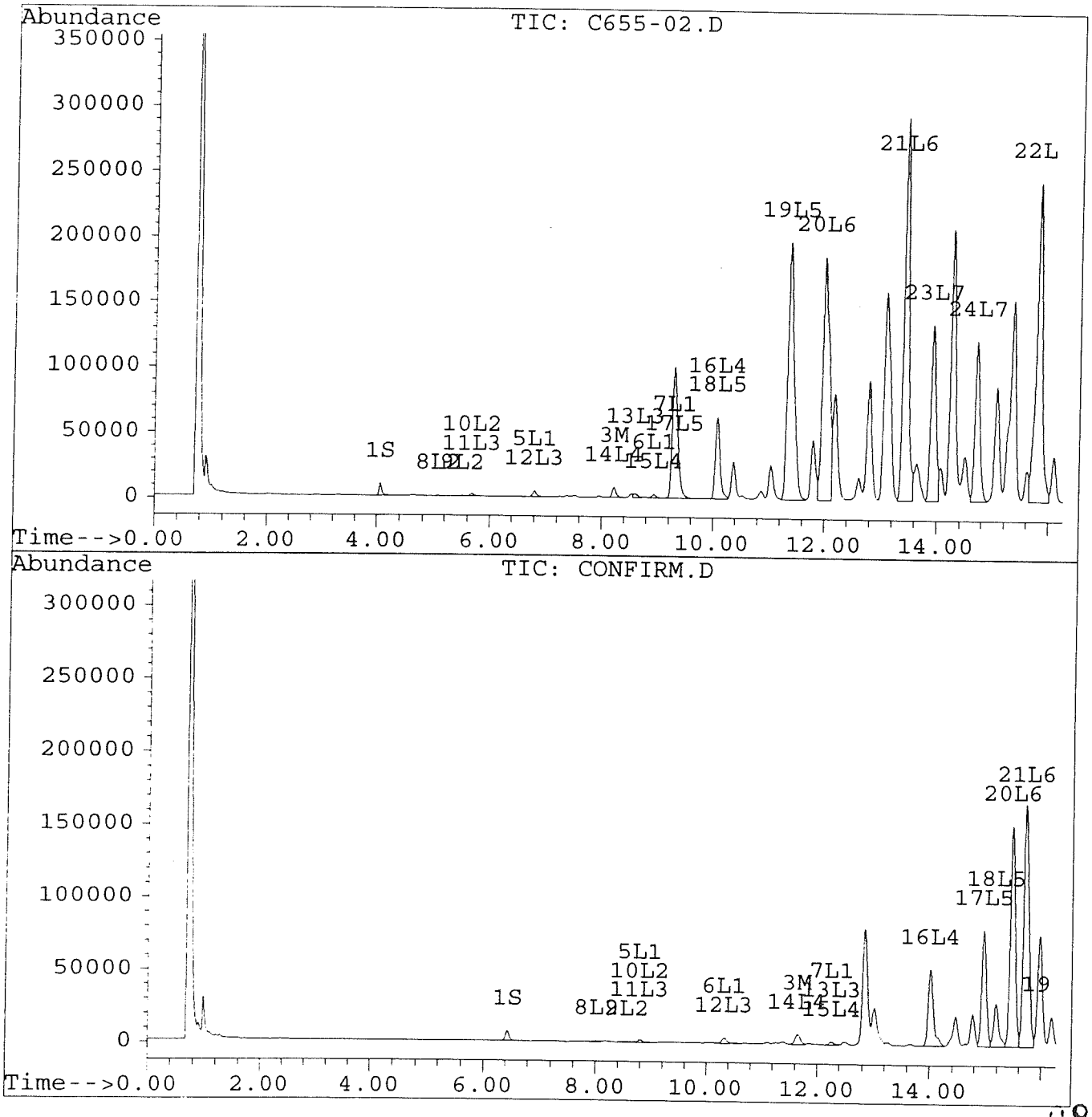
Vial: 54

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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



083

Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\C655-02.D
Signal #2 : D:\HPCHEM\5\P5LVL1\C655-02.D\CONFIRM.D
Acq On : 18 Jul 96 05:16 AM
Sample : VHB / BVHB
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Jul 18 16:26 1996

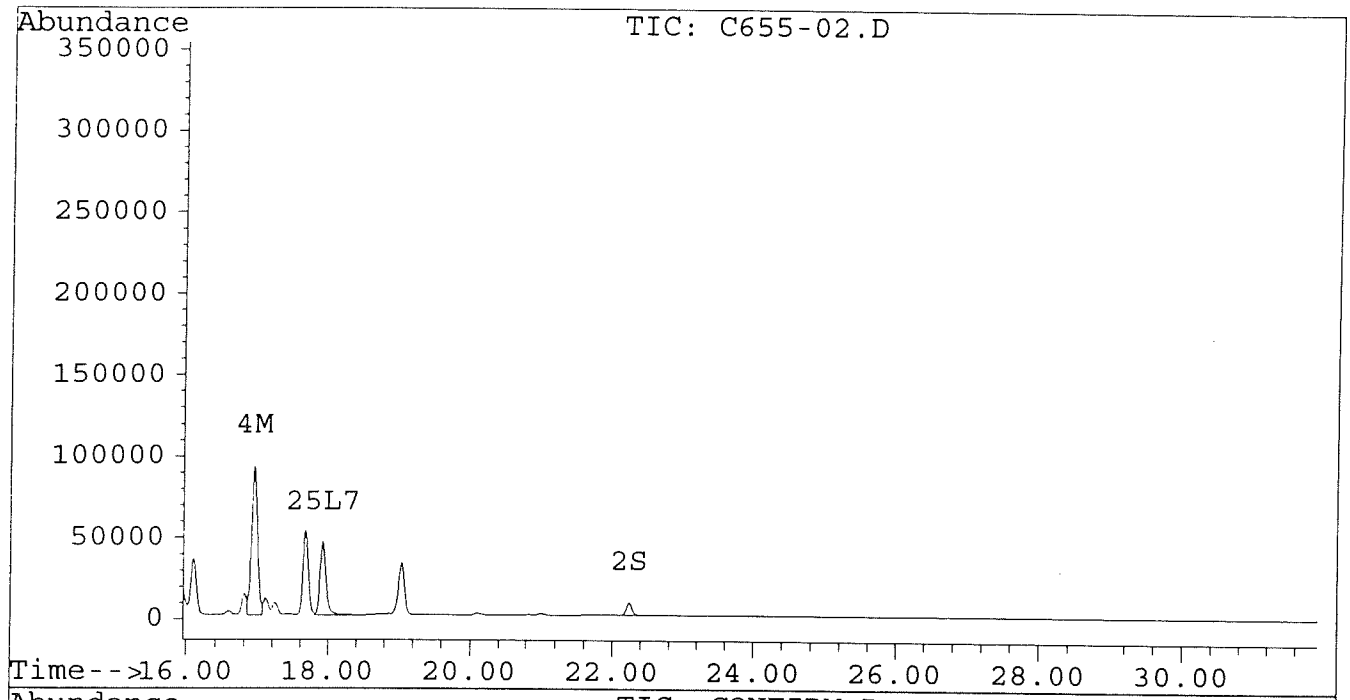
Vial: 54

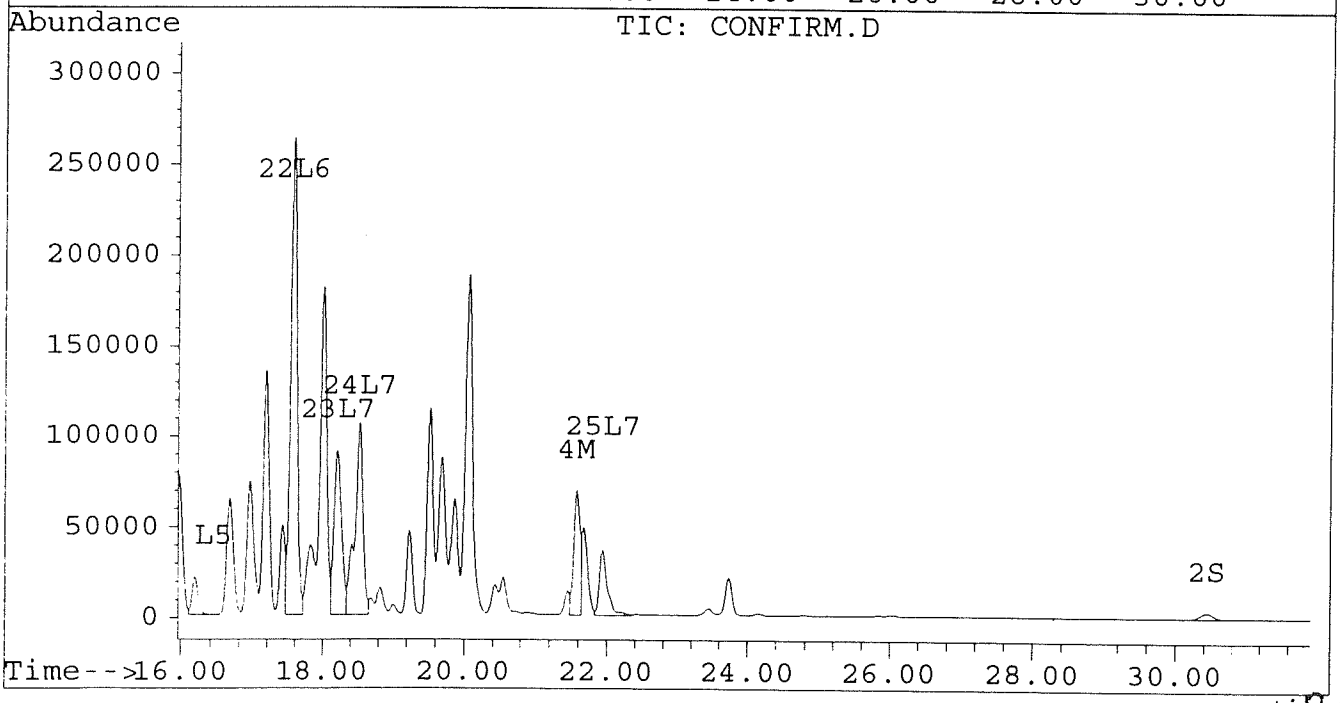
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

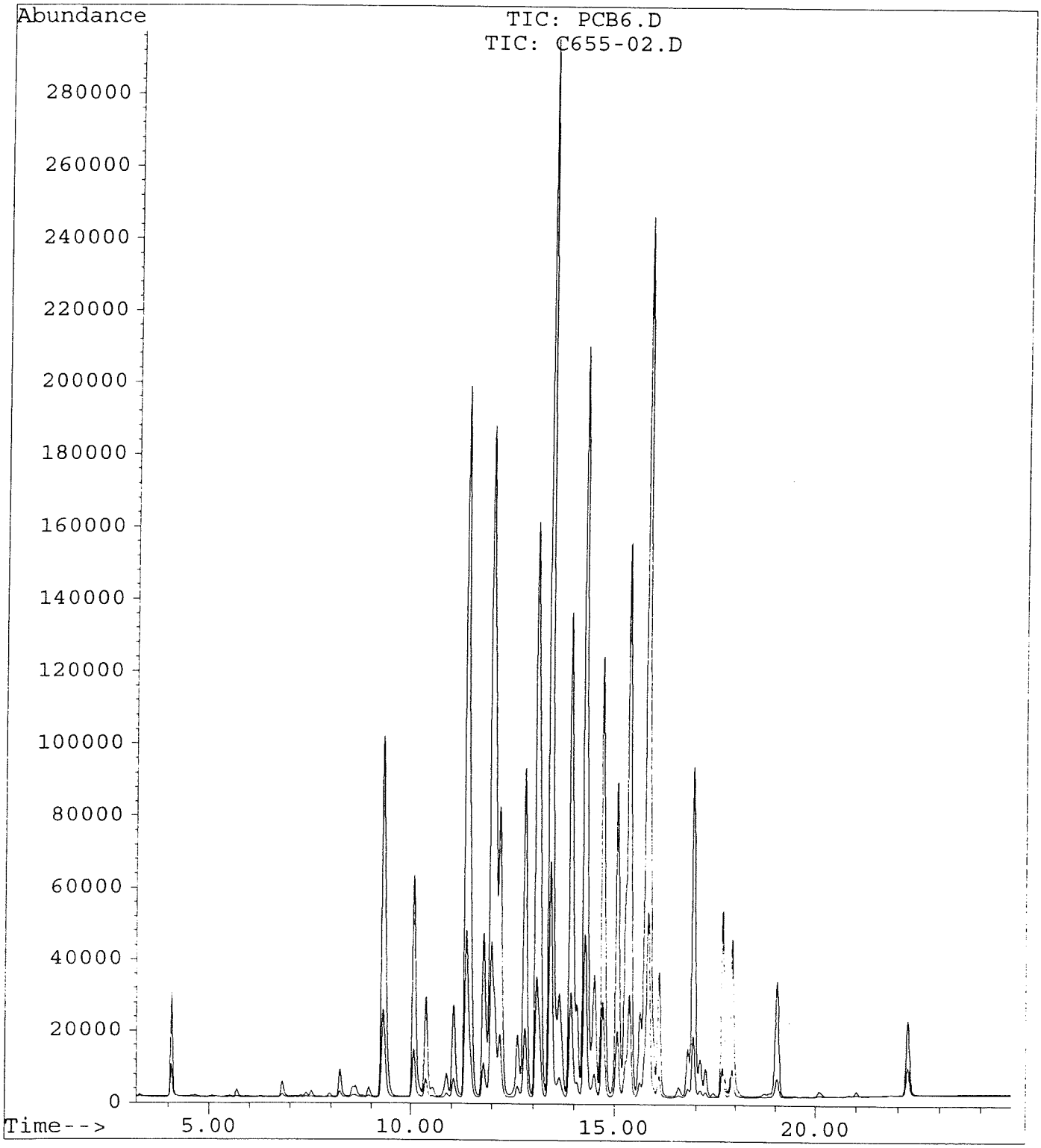
Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

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





File : D:\HPCHEM\5\P5LVL1\PCB6.D
Operator : JS
Acquired : 17 Jul 96 11:28 AM using AcqMethod PCB1F.MTH
Instrument : ECD1
Sample Name: AR1254 5.0 UG/ML
Misc Info :
Vial Number: 24



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\C655-02B.D Vial: 8
Signal #2 : D:\HPCHEM\5\JL19\C655-02B.D\CONFIRM.D
Acq On : 19 Jul 96 03:36 PM Operator: JS
Sample : VHB / BVHB 10X DILUTION Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS 10X DILUTION Multiplr: 1.00
Quant Time: Jul 25 11:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	638	534	0.003	0.003	
				Recovery	=	7.50%	7.50%	
2) S	Decachlorobiphenyl	22.24	30.45	619	282	0.003m	0.003m	
				Recovery	=	7.50%	7.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.65	724	586	0.008	0.007	
4) M	2,2',3,3',4,4'-Hexa	16.94	21.58	7989	5670	0.103	0.042	#
5) L1	Aroclor-1016	6.81	8.80	423	150	0.014	0.012	
6) L1	Aroclor-1016 {2}	8.94	10.33	226	363	0.014	0.014	
7) L1	Aroclor-1016 {3}	9.30f	12.26	12684	184	0.527	0.012	#
Total	Aroclor-1016			13333	697	0.556	0.038	
Average	Aroclor-1016					0.185	0.013	
8) L2	Aroclor-1221	5.08	8.02	22	52	0.003	0.009	#
9) L2	Aroclor-1221 {2}	5.51	8.57	32	28	0.006	0.006	
10) L2	Aroclor-1221 {3}	5.68	8.80	185	150	0.009	0.010	
Total	Aroclor-1221			239	229	0.018	0.024	
Average	Aroclor-1221					0.006	0.008	
11) L3	Aroclor-1232	5.68	8.80	185	150	0.010	0.010	
12) L3	Aroclor-1232 {2}	6.81	10.33	423	363	0.031	0.030	
13) L3	Aroclor-1232 {3}	8.61	12.26	276	184	0.033	0.027	
Total	Aroclor-1232			884	697	0.075	0.067	
Average	Aroclor-1232					0.025	0.022	
14) L4	Aroclor-1242	8.22	11.65	724	586	0.018	0.020	
15) L4	Aroclor-1242 {2}	8.94	12.26	226	184	0.019	0.015	
16) L4	Aroclor-1242 {3}	10.07	14.02	6576	5668	0.406	0.464	
Total	Aroclor-1242			7526	6438	0.442	0.499	
Average	Aroclor-1242					0.147	0.166	
17) L5	Aroclor-1248	9.30	14.97	12684	8162	0.411	0.372	
18) L5	Aroclor-1248 {2}	10.07	15.18	6576	2618	0.253	0.115	#
19) L5	Aroclor-1248 {3}	11.36f	16.19	24374	1750	0.717	0.100	#
Total	Aroclor-1248			43634	12529	1.381	0.587	
Average	Aroclor-1248					0.460	0.196	

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

1186

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\C655-02B.D
Signal #2 : D:\HPCHEM\5\JL19\C655-02B.D\CONFIRM.D
Acq On : 19 Jul 96 03:36 PM
Sample : VHB / BVHB 10X DILUTION
Misc : 30.0G/10ML PCB ANALYSIS 10X DILUTION
Quant Time: Jul 25 11:20 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	15.48	22791	18710	0.777	0.771
21) L6	Aroclor-1254 {2}	13.43	15.72	34061	20296	0.832	0.761
22) L6	Aroclor-1254 {3}	15.82	17.57	25899	29687	0.849	0.798
Total	Aroclor-1254			82750	68693	2.458	2.330
Average	Aroclor-1254					0.819	0.777
23) L7	Aroclor-1260	13.92	18.21	15192	10698	0.481	0.379
24) L7	Aroclor-1260 {2}	14.71	18.53	13425	11879	0.363	0.365
25) L7	Aroclor-1260 {3}	17.92	21.94	3536	2913	0.068	0.060
Total	Aroclor-1260			32153	25490	0.913	0.804
Average	Aroclor-1260					0.304	0.268
26) L8	Aroclor-1268	18.86	0.00	72	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.04	0.00	2364	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

$\frac{2.33\ \mu g/mL \times 10mL}{0.030\ g \times .98} \times 10 \approx 7925$

7900 µg/g

AR/254

Quantitation Report

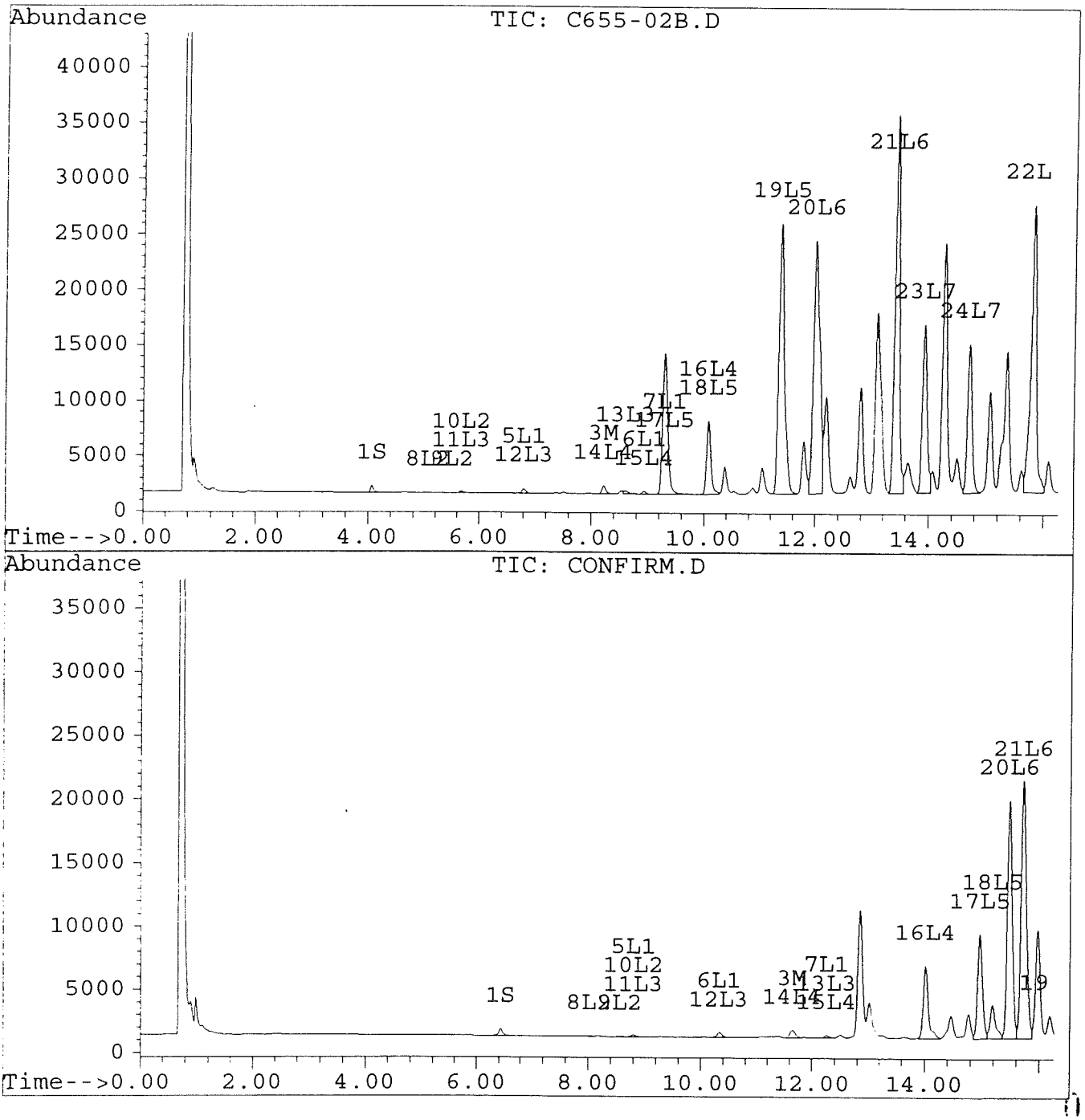
Signal #1 : D:\HPCHEM\5\JL19\C655-02B.D
Signal #2 : D:\HPCHEM\5\JL19\C655-02B.D\CONFIRM.D
Acq On : 19 Jul 96 03:36 PM
Sample : VHB / BVHB 10X DILUTION
Misc : 30.0G/10ML PCB ANALYSIS 10X DILUTION
Quant Time: Jul 25 11:20 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\C655-02B.D
Signal #2 : D:\HPCHEM\5\JL19\C655-02B.D\CONFIRM.D
Acq On : 19 Jul 96 03:36 PM
Sample : VHB / BVHB 10X DILUTION
Misc : 30.0G/10ML PCB ANALYSIS 10X DILUTION
Quant Time: Jul 25 11:20 1996

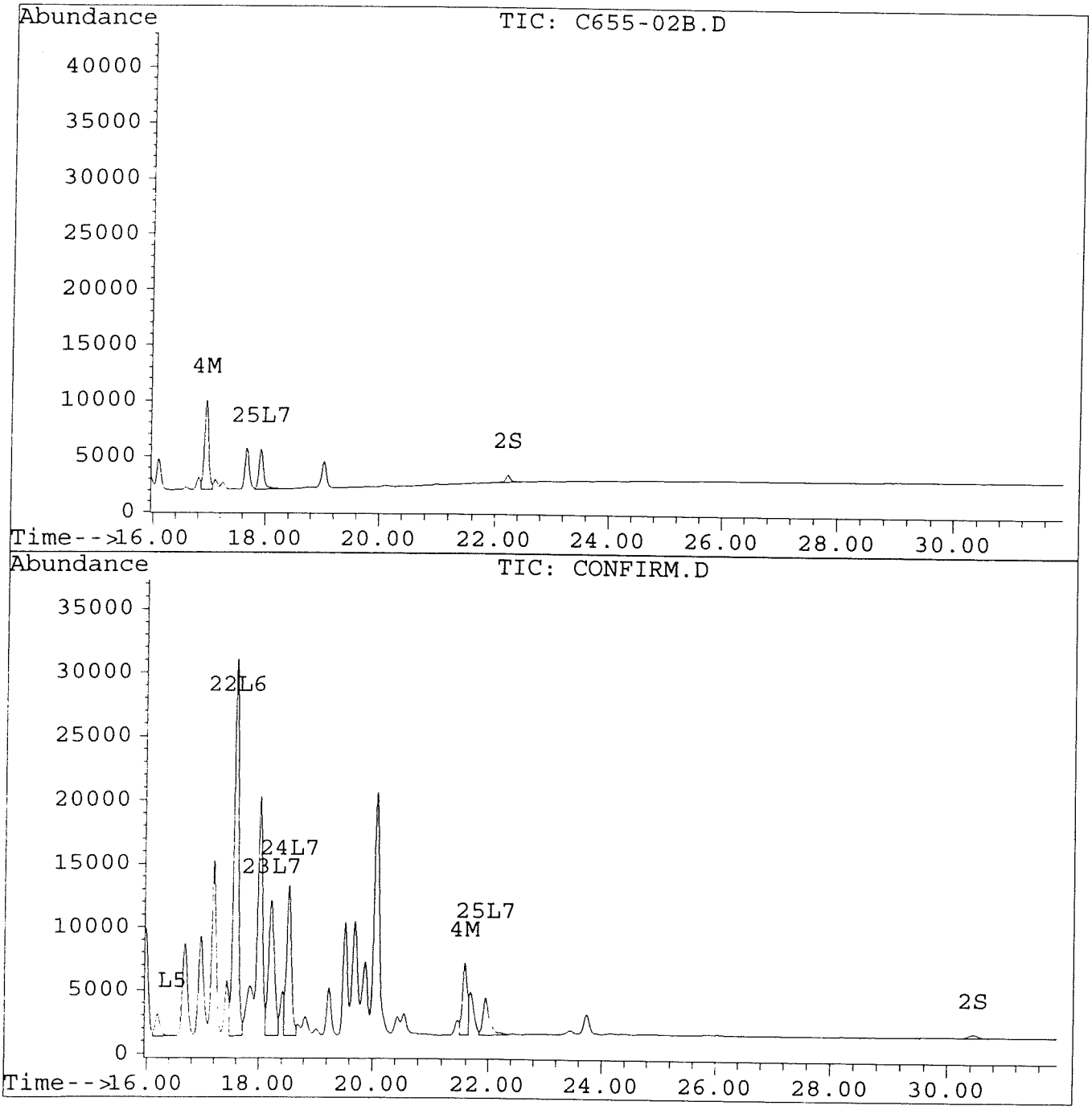
Vial: 8

Operator: JS
Inst : ECD1
Multiplr: 1.00

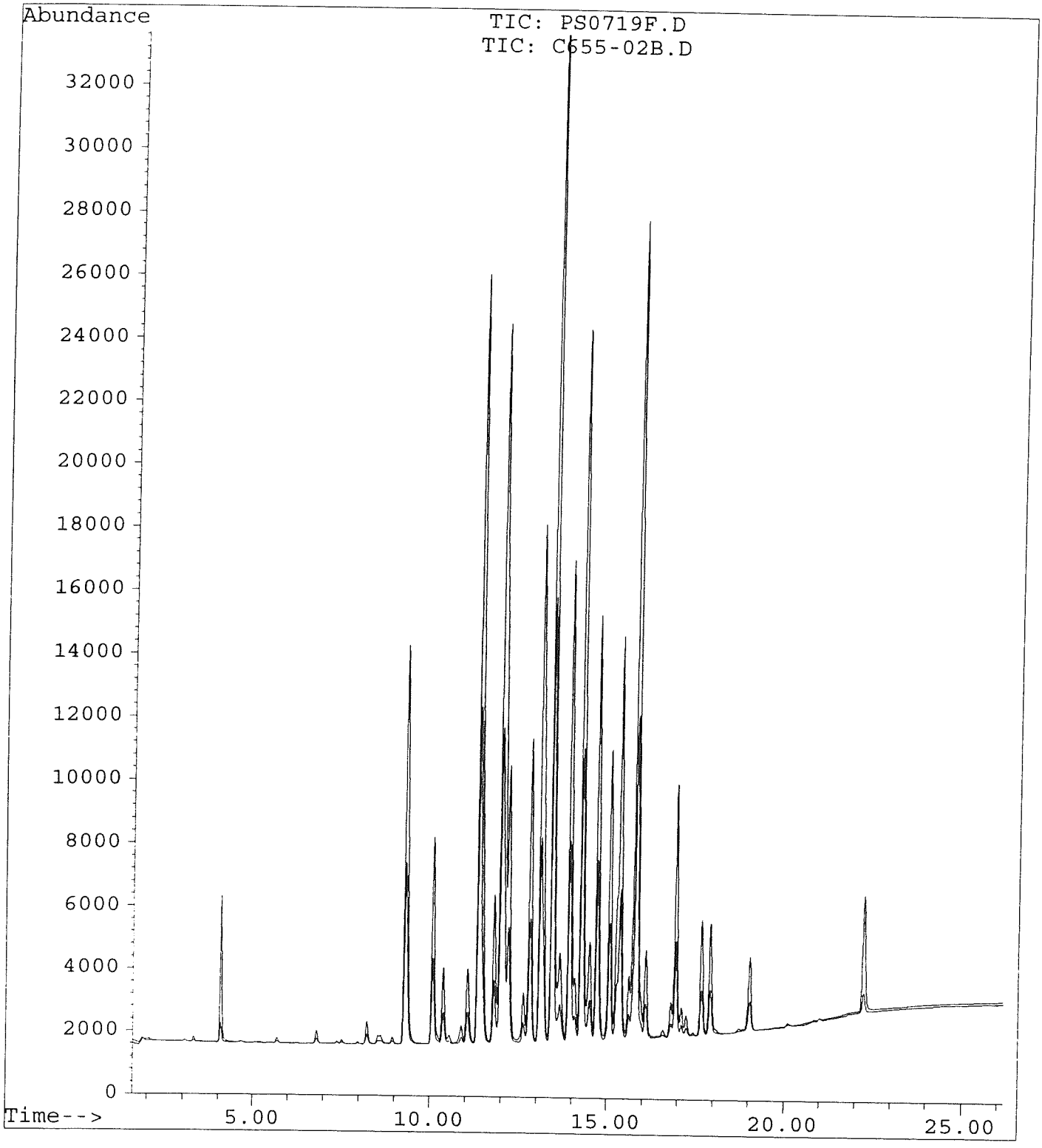
Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

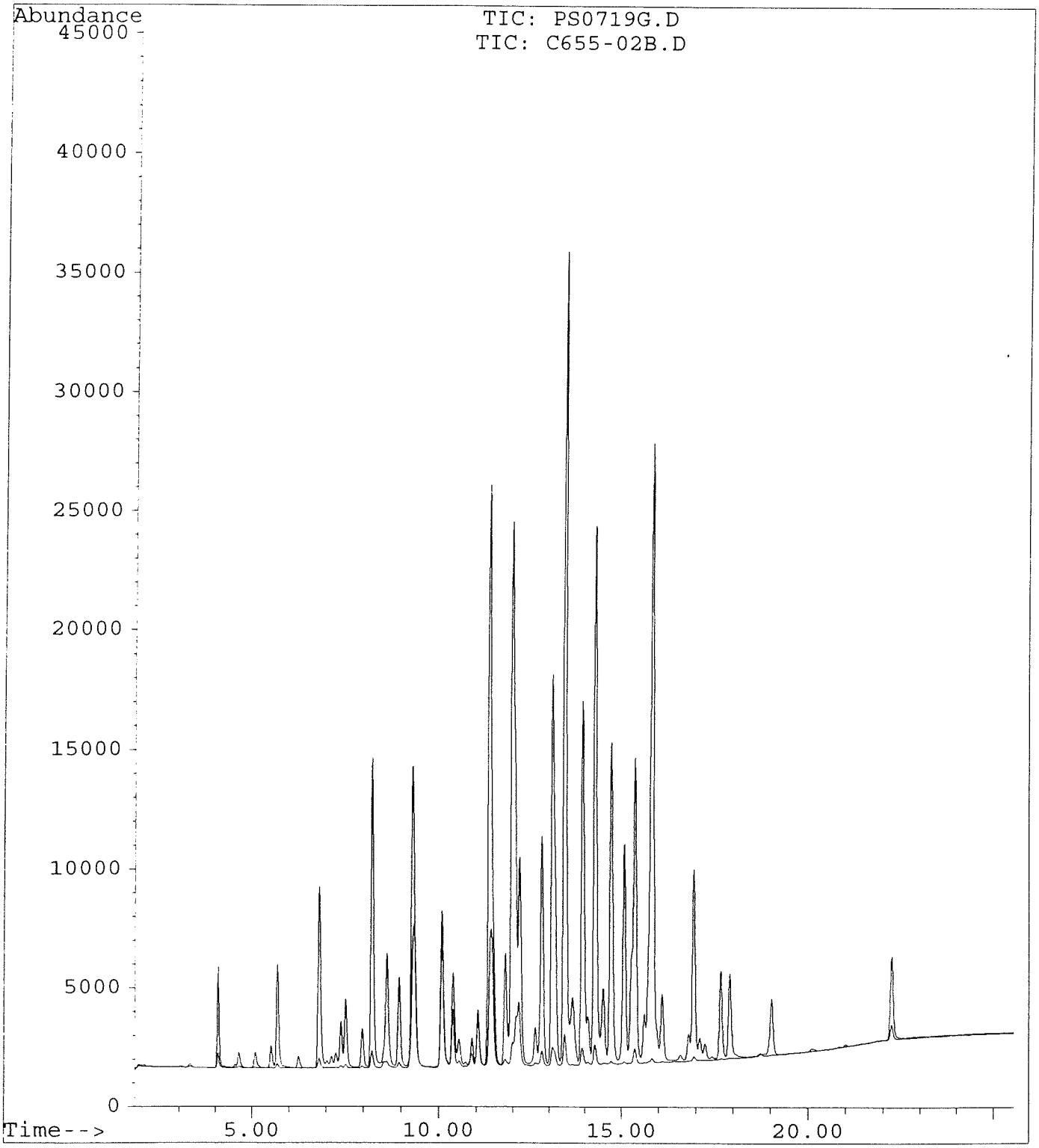
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



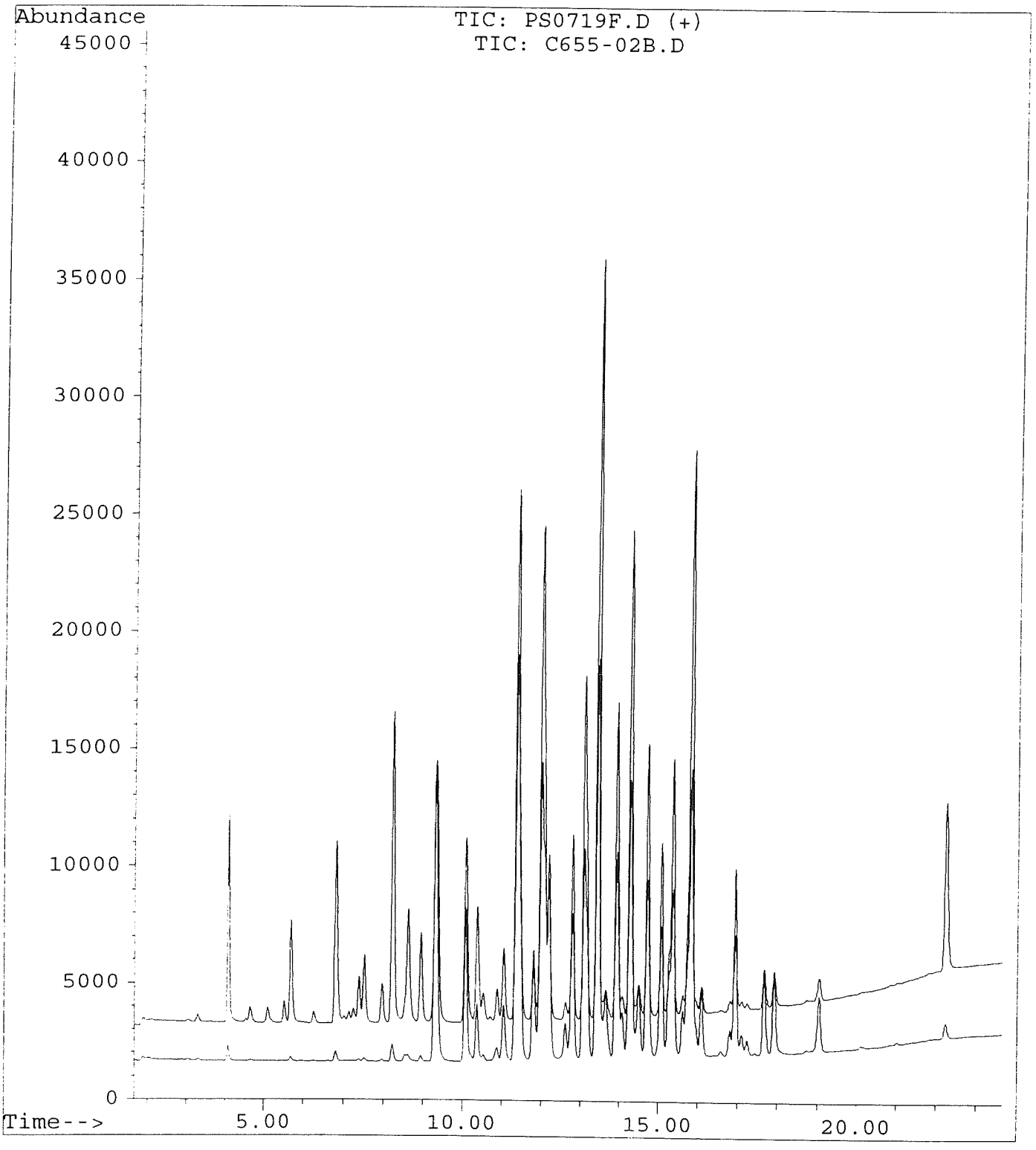
File : D:\HPCHEM\5\JL19\PS0719F.D
Operator : JS
Acquired : 19 Jul 96 02:25 PM using AcqMethod PCB1F.MTH
Instrument : ECD1
Sample Name: AR1254 1.0 UG/ML
Misc Info :
Vial Number: 6



File : D:\HPCHEM\5\JL19\PS0719G.D
Operator : JS
Acquired : 19 Jul 96 03:01 PM using AcqMethod PCB1F.MTH
Instrument : ECD1
Sample Name: AR1242 1.0 UG/ML
Misc Info :
Vial Number: 7



File : D:\HPCHEM\5\JL19\C655-02B.D
Operator : JS
Acquired : 19 Jul 96 03:36 PM using AcqMethod PCB1F.MTH
Instrument : ECD1
Sample Name: VHB / BVHB 10X DILUTION
Misc Info : 30.0G/10ML PCB ANALYSIS 10X DILUTION
Vial Number: 8



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-01A.D Vial: 45
Signal #2 : D:\HPCHEM\5\JL25\C680-01A.D\CONFIRM.D
Acq On : 26 Jul 96 11:46 PM Operator: JS
Sample : VHB/ PG M8 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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							
)	S	Tetrachloro-m-xylen	4.07	6.45	611	602	0.003	0.003	#
					Recovery	=	7.50%	7.50%	
)	S	Decachlorobiphenyl	22.23	30.46	979	406	0.005m	0.005	
					Recovery	=	12.50%	12.50%	
		Target Compounds							
)	M	2,4,4'-Trichlorobip	8.22	11.67	65606	45565	0.591	0.482	
)	M	2,2',3,3',4,4'-Hexa	16.94	21.59	10610	7066	0.059	0.051	
)	L1	Aroclor-1016	6.80	8.80	11486	2075	0.382	0.168	#
)	L1	Aroclor-1016 {2}	8.93	10.33	18534	9964	1.185	0.395	#
)	L1	Aroclor-1016 {3}	9.33	12.25	38871	7713	1.616	0.487	#
T	tal	Aroclor-1016			68891	19752	3.184	1.050	
er	age	Aroclor-1016					1.061	0.350	
)	L2	Aroclor-1221	5.09	8.03	190	388	0.027	0.063	#
)	L2	Aroclor-1221 {2}	5.51	8.57	441	1887	0.076	0.387	#
)	L2	Aroclor-1221 {3}	5.67	8.80	4592	2075	0.227	0.135	#
T	tal	Aroclor-1221			5223	4350	0.330	0.585	
e	age	Aroclor-1221					0.110	0.195	
)	L3	Aroclor-1232	5.67	8.80	4592	2075	0.252	0.145	#
)	L3	Aroclor-1232 {2}	6.80	10.33	11486	9964	0.842	0.829	
)	L3	Aroclor-1232 {3}	8.61	12.25	9011	7713	1.089	1.112	
To	tal	Aroclor-1232			25089	19752	2.182	2.086	
e	age	Aroclor-1232					0.727	0.695	
)	L4	Aroclor-1242	8.22	11.67	65606	45565	1.610	1.578	
)	L4	Aroclor-1242 {2}	8.93	12.25	18534	7713	1.522	0.615	#
)	L4	Aroclor-1242 {3}	10.08	14.02	36272	26630	~~3.240~~	2.180	
To	tal	Aroclor-1242			120412	79908	~~5.372~~ 3.916	4.373	
er	age	Aroclor-1242					1.791	1.458	
)	L5	Aroclor-1248	9.33	14.97	38871	23013	1.259	1.049	
)	L5	Aroclor-1248 {2}	10.08	15.19	36272	26066	1.394	1.148	
)	L5	Aroclor-1248 {3}	11.38	16.19	42743	16444	1.257	0.936	#
I	tal	Aroclor-1248			117886	65523	3.911	3.133	
er	age	Aroclor-1248					1.304	1.044	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-01A.D Vial: 45
Signal #2 : D:\HPCHEM\5\JL25\C680-01A.D\CONFIRM.D
Acq On : 26 Jul 96 11:46 PM Operator: JS
Sample : VHB/ PG M8 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	25665	21499	0.875	0.886
21) L6 Aroclor-1254 {2}	13.43	15.72	40344	23417	0.986 ✓	0.878
22) L6 Aroclor-1254 {3}	15.82	17.58	31024	36250	1.017 ✓	0.974
Total Aroclor-1254			97033	81165	~~2.878~~ 4.529	2.738
Average Aroclor-1254					0.959	0.913
				10413		
23) L7 Aroclor-1260	13.92	18.21	19454	12542	0.617	0.445 #
24) L7 Aroclor-1260 {2}	14.71	18.53	17299	15012	0.468	0.461
25) L7 Aroclor-1260 {3}	17.91	21.95	7482	7099	0.144	0.146
Total Aroclor-1260			44235	34653	1.229	1.052
Average Aroclor-1260					0.410	0.351
26) L8 Aroclor-1268	18.85	0.00	1614	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	5266	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	1480	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

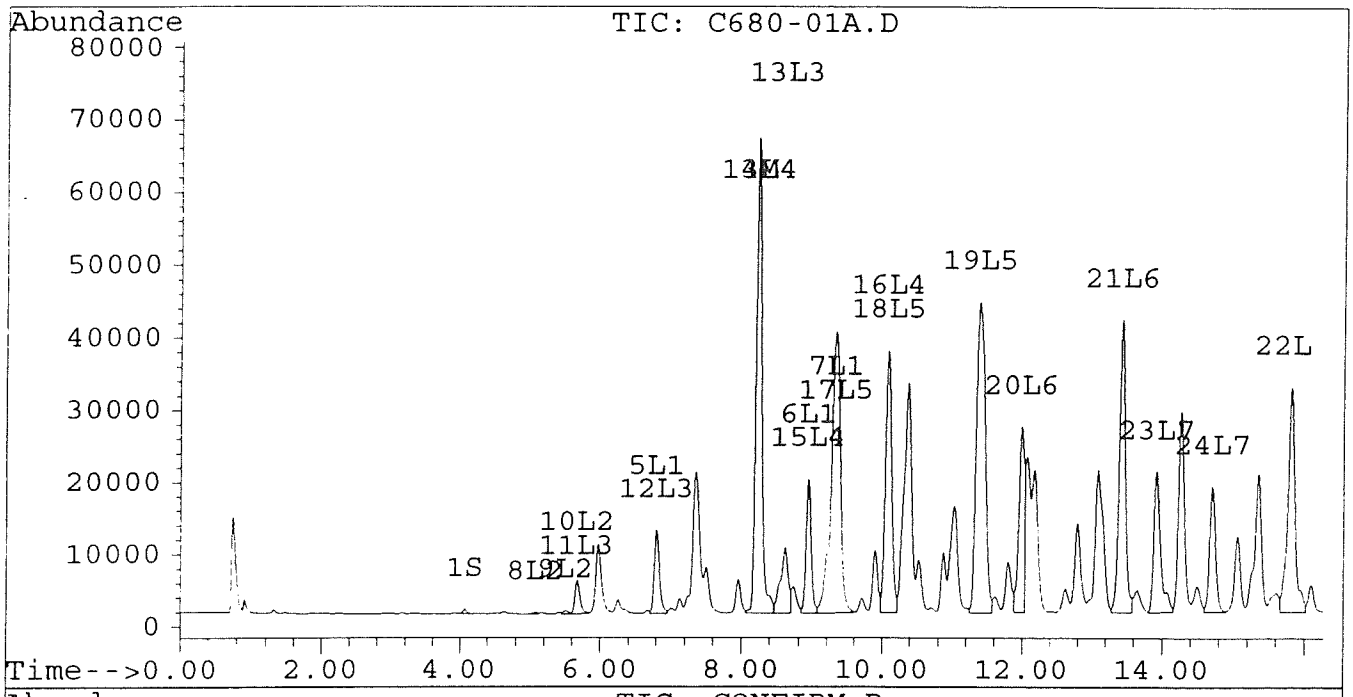
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

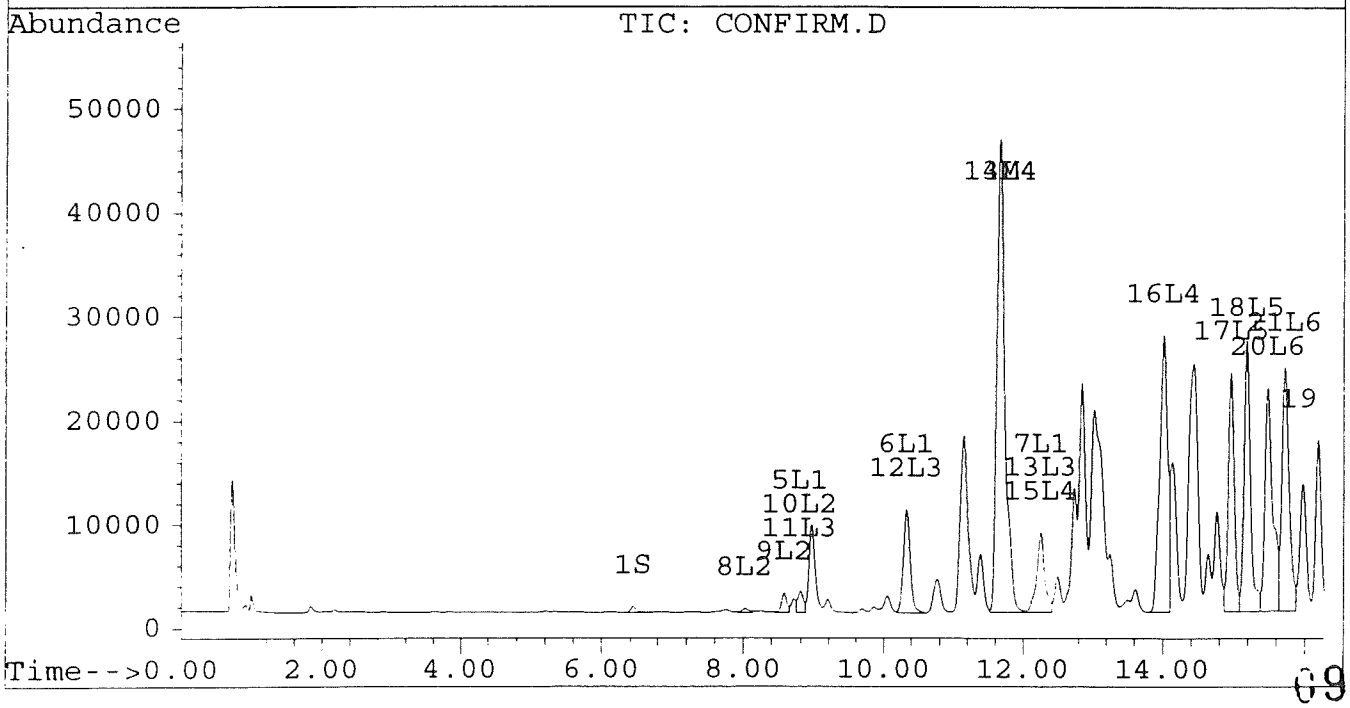
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-01A.D Vial: 45
Signal #2 : D:\HPCHEM\5\JL25\C680-01A.D\CONFIRM.D
Acq On : 26 Jul 96 11:46 PM Operator: JS
Sample : VHB/ PG M8 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



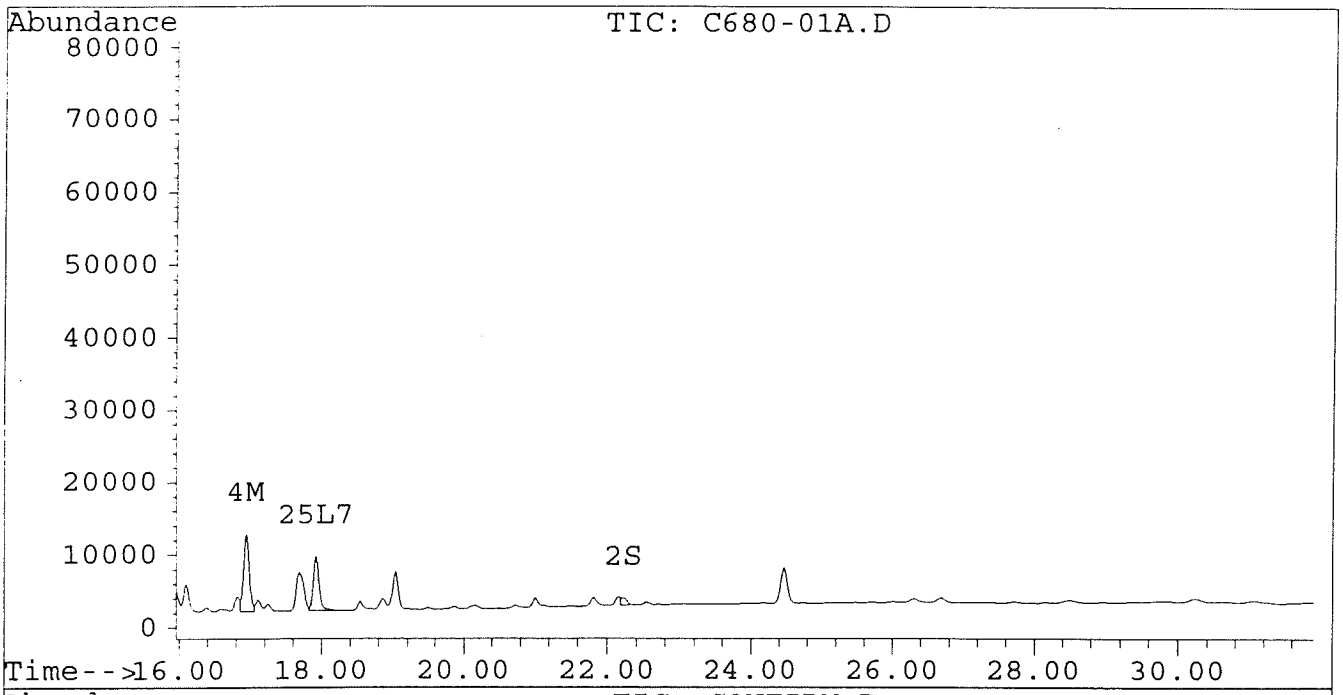


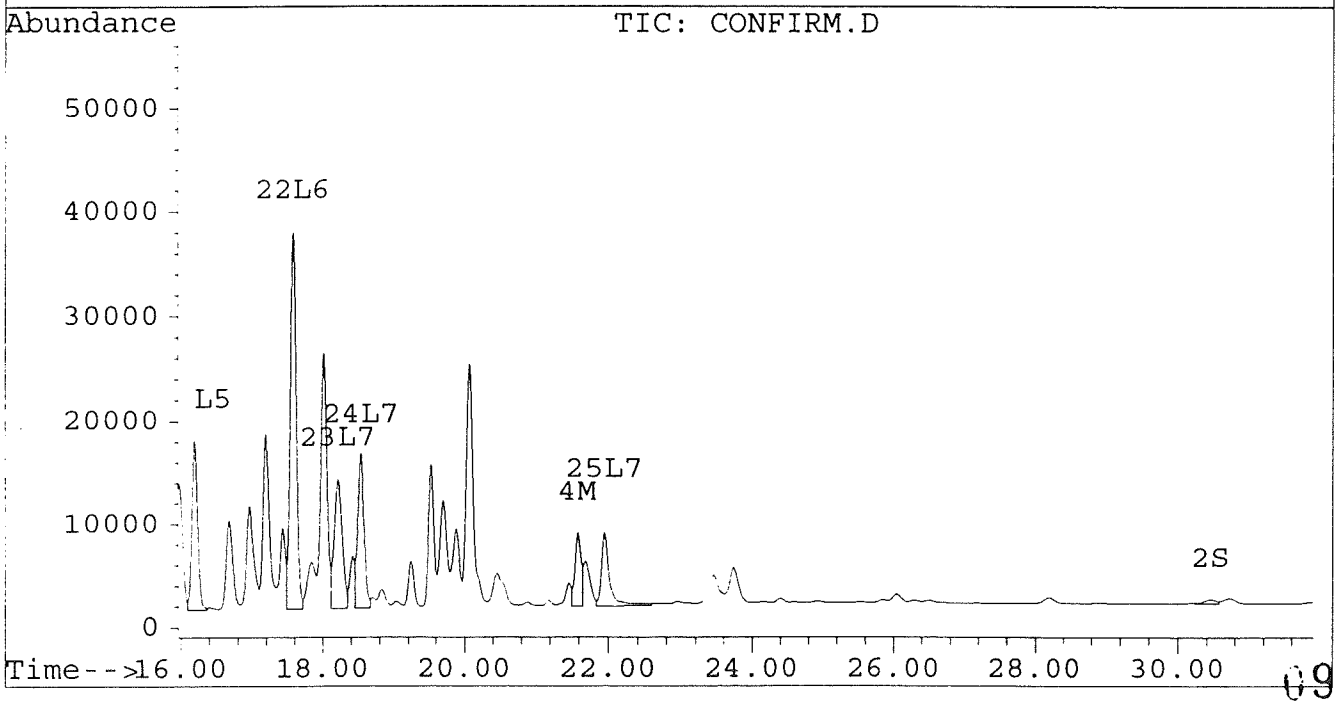
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-01A.D Vial: 45
Signal #2 : D:\HPCHEM\5\JL25\C680-01A.D\CONFIRM.D
Acq On : 26 Jul 96 11:46 PM Operator: JS
Sample : VHB/ PG M8 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





096

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-1MA.D Vial: 46
Signal #2 : D:\HPCHEM\5\JL25\C680-1MA.D\CONFIRM.D
Acq On : 27 Jul 96 00:21 AM Operator: JS
Sample : VHB/ PG M8 MATRIX SPIKE 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.07	6.45	703	702	0.003	0.004	#
					Recovery	=	7.50%	10.00%	
2)	S	Decachlorobiphenyl	22.23	30.44	954	582	0.005m	0.007	#
					Recovery	=	12.50%	17.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.67	69982	49144	0.630	0.520	
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.59	16722	10785	0.093m	0.078m	
5)	L1	Aroclor-1016	6.80	8.80	11103	2251	0.369	0.182	#
6)	L1	Aroclor-1016 (2)	8.94	10.33	19077	9761	1.220	0.387	#
7)	L1	Aroclor-1016 (3)	9.33	12.25	39537	7918	1.644	0.500	#
		Total Aroclor-1016			69718	19930	3.233	1.069	
		Average Aroclor-1016					1.078	0.356	
8)	L2	Aroclor-1221	5.08	8.03	228	406	0.032	0.066	#
9)	L2	Aroclor-1221 (2)	5.51	8.57	480	2217	0.082	0.455	#
10)	L2	Aroclor-1221 (3)	5.67	8.80	5155	2251	0.255	0.147	#
		Total Aroclor-1221			5862	4874	0.370	0.668	
		Average Aroclor-1221					0.123	0.223	
11)	L3	Aroclor-1232	5.67	8.80	5155	2251	0.283	0.157	#
12)	L3	Aroclor-1232 (2)	6.80	10.33	11103	9761	0.814	0.812	
13)	L3	Aroclor-1232 (3)	8.61	12.25	9203	7918	1.112	1.142	
		Total Aroclor-1232			25461	19930	2.208	2.111	
		Average Aroclor-1232					0.736	0.704	
14)	L4	Aroclor-1242	8.22	11.67	69982	49144	1.718	1.701	
15)	L4	Aroclor-1242 (2)	8.94	12.25	19077	7918	1.567	0.631	#
16)	L4	Aroclor-1242 (3)	10.08	14.02	36972	27475	2.283	2.249	
		Total Aroclor-1242			126031	84537	5.567	4.582	
		Average Aroclor-1242					1.856	1.527	
17)	L5	Aroclor-1248	9.33	14.97	39537	23441	1.281	1.069	
18)	L5	Aroclor-1248 (2)	10.08	15.19	36972	26887	1.421	1.184	
19)	L5	Aroclor-1248 (3)	11.38	16.19	43504	17001	1.280	0.968	
		Total Aroclor-1248			120014	67328	3.982	3.220	
		Average Aroclor-1248					1.327	1.073	

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

097

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-1MA.D Vial: 46
Signal #2 : D:\HPCHEM\5\JL25\C680-1MA.D\CONFIRM.D
Acq On : 27 Jul 96 00:21 AM Operator: JS
Sample : VHB/ PG M8 MATRIX SPIKE 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	25800	21745	~~0.880~~ ✓	0.896
21) L6 Aroclor-1254 {2}	13.43	15.72	40740	23747	0.995 ✓	0.890
22) L6 Aroclor-1254 {3}	15.82	17.58	30883	35882	1.013 ✓	0.964
Total Aroclor-1254			97423	81373	~~2.888~~ 2.88	2.751
Average Aroclor-1254				10,405	0.963	0.917
23) L7 Aroclor-1260	13.92	18.21	19644	12682	0.623	0.450 #
24) L7 Aroclor-1260 {2}	14.71	18.53	17438	15162	0.472	0.466
25) L7 Aroclor-1260 {3}	17.92	21.95	8571	7347	0.165	0.151
Total Aroclor-1260			45653	35191	1.259	1.067
Average Aroclor-1260					0.420	0.356
26) L8 Aroclor-1268	18.86	0.00	2060	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	5997	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	1987	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.

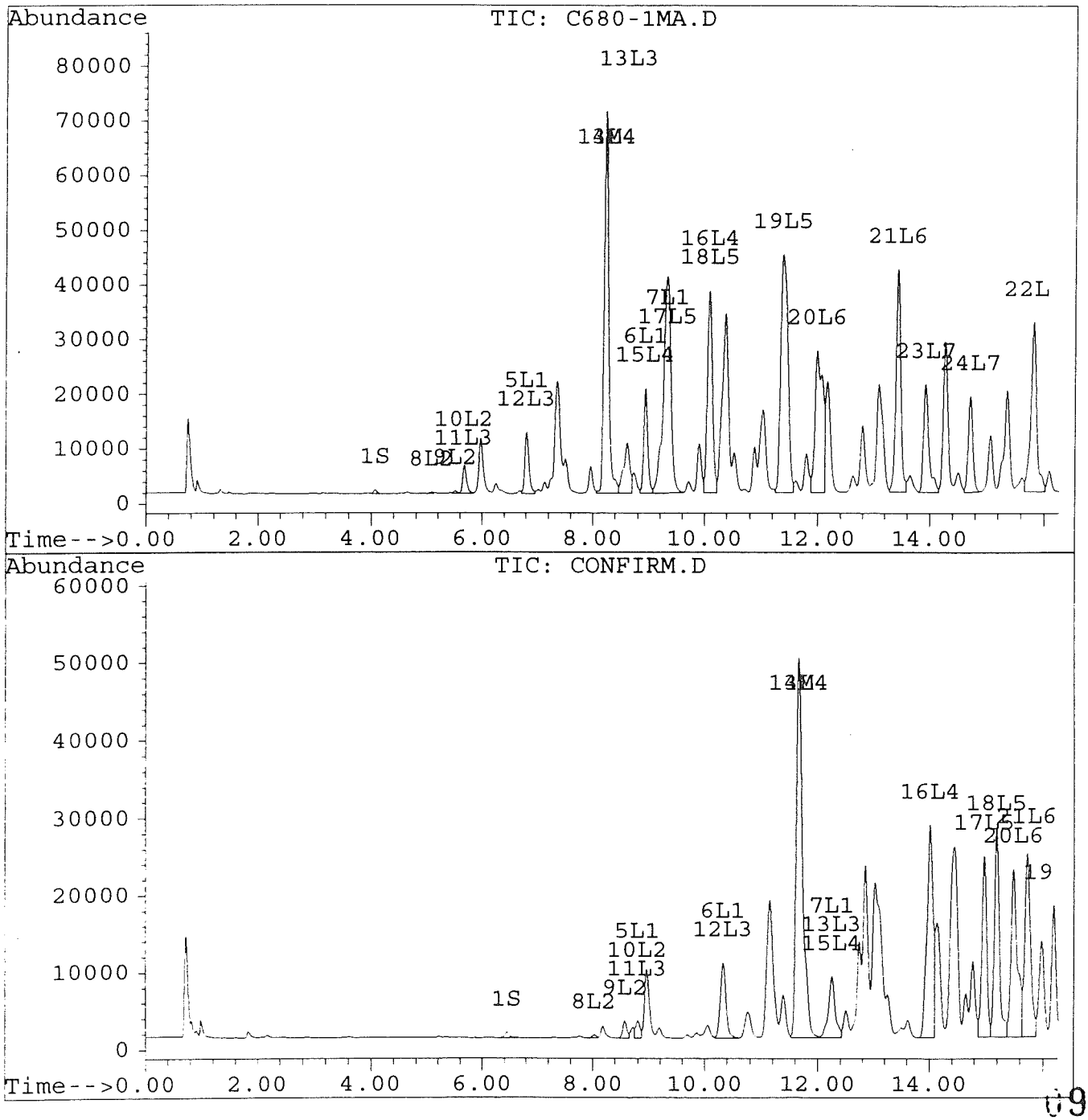
098

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-1MA.D Vial: 46
Signal #2 : D:\HPCHEM\5\JL25\C680-1MA.D\CONFIRM.D
Acq On : 27 Jul 96 00:21 AM Operator: JS
Sample : VHB/ PG M8 MATRIX SPIKE 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



099

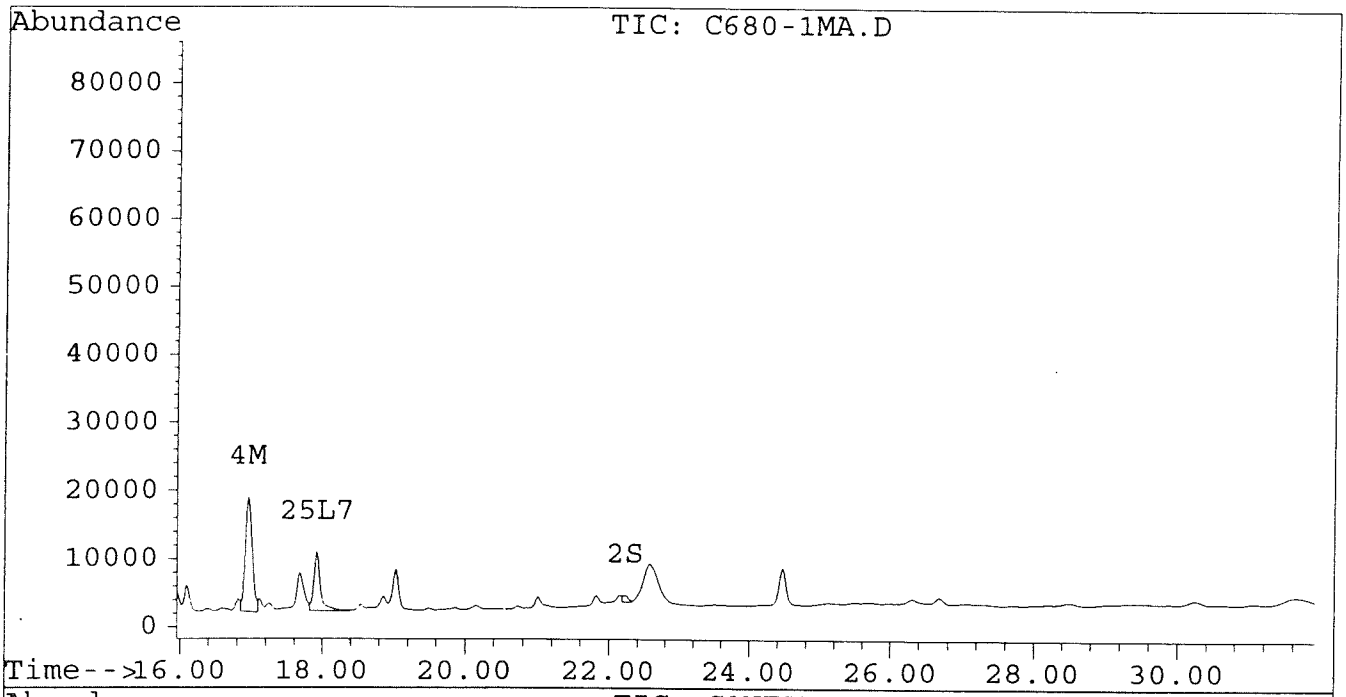
Quantitation Report

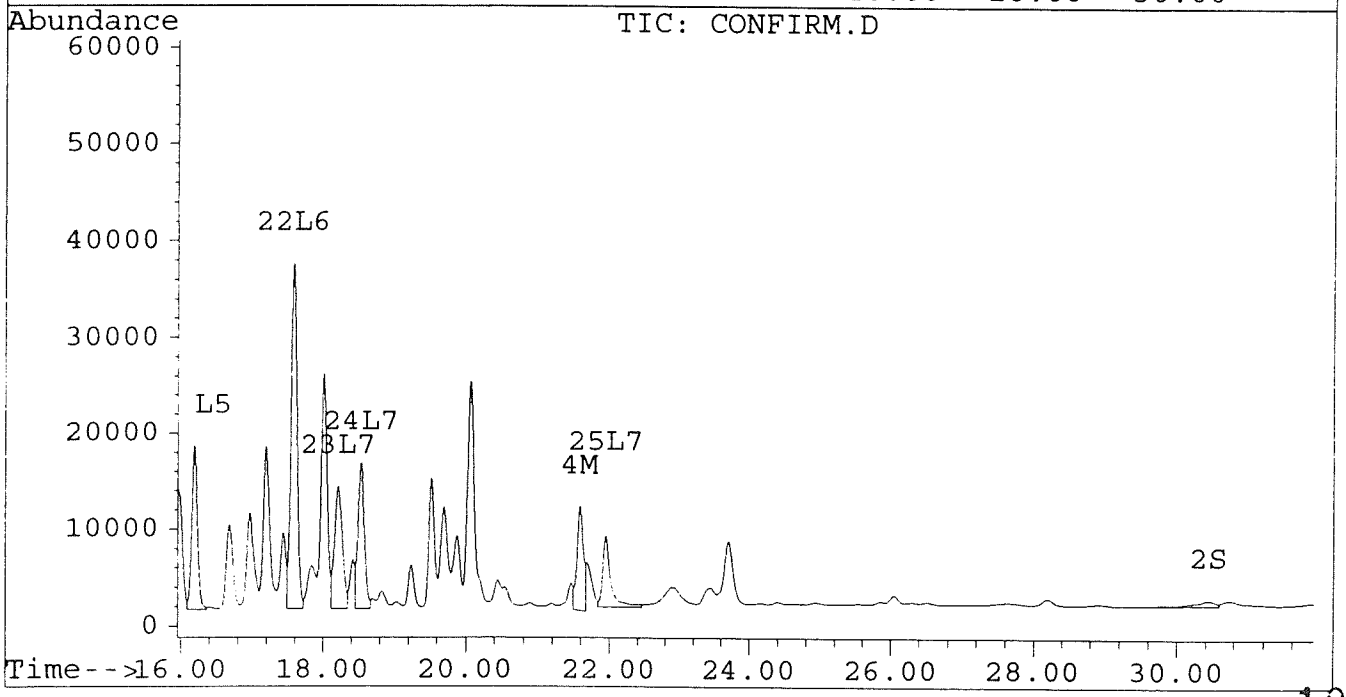
Signal #1 : D:\HPCHEM\5\JL25\C680-1MA.D
Signal #2 : D:\HPCHEM\5\JL25\C680-1MA.D\CONFIRM.D
Acq On : 27 Jul 96 00:21 AM
Sample : VHB/ PG M8 MATRIX SPIKE 1:10 DILUTION
Misc : 30.5G/10ML 95% SOLID PCB ANALYSIS
Quant Time: Aug 1 14:15 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-1DA.D Vial: 47
Signal #2 : D:\HPCHEM\5\JL25\C680-1DA.D\CONFIRM.D
Acq On : 27 Jul 96 00:56 AM Operator: JS
Sample : VHB/ PG M8 MATRIX SPIKE DUP 1:10 DILUTIO Inst : ECD1
Misc : 30.2G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	699	721	0.003m	0.004m	#
				Recovery	=	7.50%	10.00%	
2)	S Decachlorobiphenyl	22.23	30.45	938	358	0.005m	0.004m	
				Recovery	=	12.50%	10.00%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.22	11.67	65567	45696	0.590	0.483	
4)	M 2,2',3,3',4,4'-Hexa	16.94	21.59	13937	9873	0.078	0.071	
5)	L1 Aroclor-1016	6.80	8.80	10587	2145	0.352	0.174	#
6)	L1 Aroclor-1016 {2}	8.93	10.33	17581	9223	1.124	0.366	#
7)	L1 Aroclor-1016 {3}	9.33	12.25	36114	7354	1.502	0.465	#
	Total Aroclor-1016			64282	18722	2.978	1.004	
	Average Aroclor-1016					0.993	0.335	
8)	L2 Aroclor-1221	5.09	8.03	209	372	0.030	0.061	#
9)	L2 Aroclor-1221 {2}	5.51	8.57	463	1796	0.079	0.368	#
10)	L2 Aroclor-1221 {3}	5.67	8.80	4658	2145	0.231	0.140	#
	Total Aroclor-1221			5330	4312	0.340	0.569	
	Average Aroclor-1221					0.113	0.190	
11)	L3 Aroclor-1232	5.67	8.80	4658	2145	0.255	0.150	#
12)	L3 Aroclor-1232 {2}	6.80	10.33	10587	9223	0.776	0.768	
13)	L3 Aroclor-1232 {3}	8.61	12.25	8521	7354	1.029	1.061	
	Total Aroclor-1232			23766	18722	2.061	1.978	
	Average Aroclor-1232					0.687	0.659	
14)	L4 Aroclor-1242	8.22	11.67	65567	45696	1.609	1.582	
15)	L4 Aroclor-1242 {2}	8.93	12.25	17581	7354	1.444	0.586	#
16)	L4 Aroclor-1242 {3}	10.08	14.02	33597	24931	2.075	2.041	
	Total Aroclor-1242			116745	77981	5.128	4.210	
	Average Aroclor-1242					1.709	1.403	
17)	L5 Aroclor-1248	9.33	14.97	36114	21476	1.170	0.979	
18)	L5 Aroclor-1248 {2}	10.08	15.19	33597	24497	1.291	1.078	
19)	L5 Aroclor-1248 {3}	11.38	16.19	40029	15552	1.178	0.886	
	Total Aroclor-1248			109740	61524	3.639	2.943	
	Average Aroclor-1248					1.213	0.981	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-1DA.D Vial: 47
Signal #2 : D:\HPCHEM\5\JL25\C680-1DA.D\CONFIRM.D
Acq On : 27 Jul 96 00:56 AM Operator: JS
Sample : VHB/ PG M8 MATRIX SPIKE DUP 1:10 DILUTIO Inst : ECD1
Misc : 30.2G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	23829	19809	~~0.812~~	0.817
21) L6 Aroclor-1254 {2}	13.43	15.72	37531	21666	0.917 ✓	0.812
22) L6 Aroclor-1254 {3}	15.82	17.58	28950	33149	0.949 ✓	0.891
Total Aroclor-1254			90309	74624	~~2.679~~ 2.827	.520
Average Aroclor-1254					~~0.893~~	0.840
				9700	~~9900 ppb~~	
23) L7 Aroclor-1260	13.92	18.21	18094	11649	0.573	0.413
24) L7 Aroclor-1260 {2}	14.71	18.53	16186	13846	0.438	0.426
25) L7 Aroclor-1260 {3}	17.91	21.95	8674	6549	0.167	0.135
Total Aroclor-1260			42954	32044	1.178	0.974
Average Aroclor-1260					0.393	0.325
26) L8 Aroclor-1268	18.86	0.00	1972	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	5435	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	1817	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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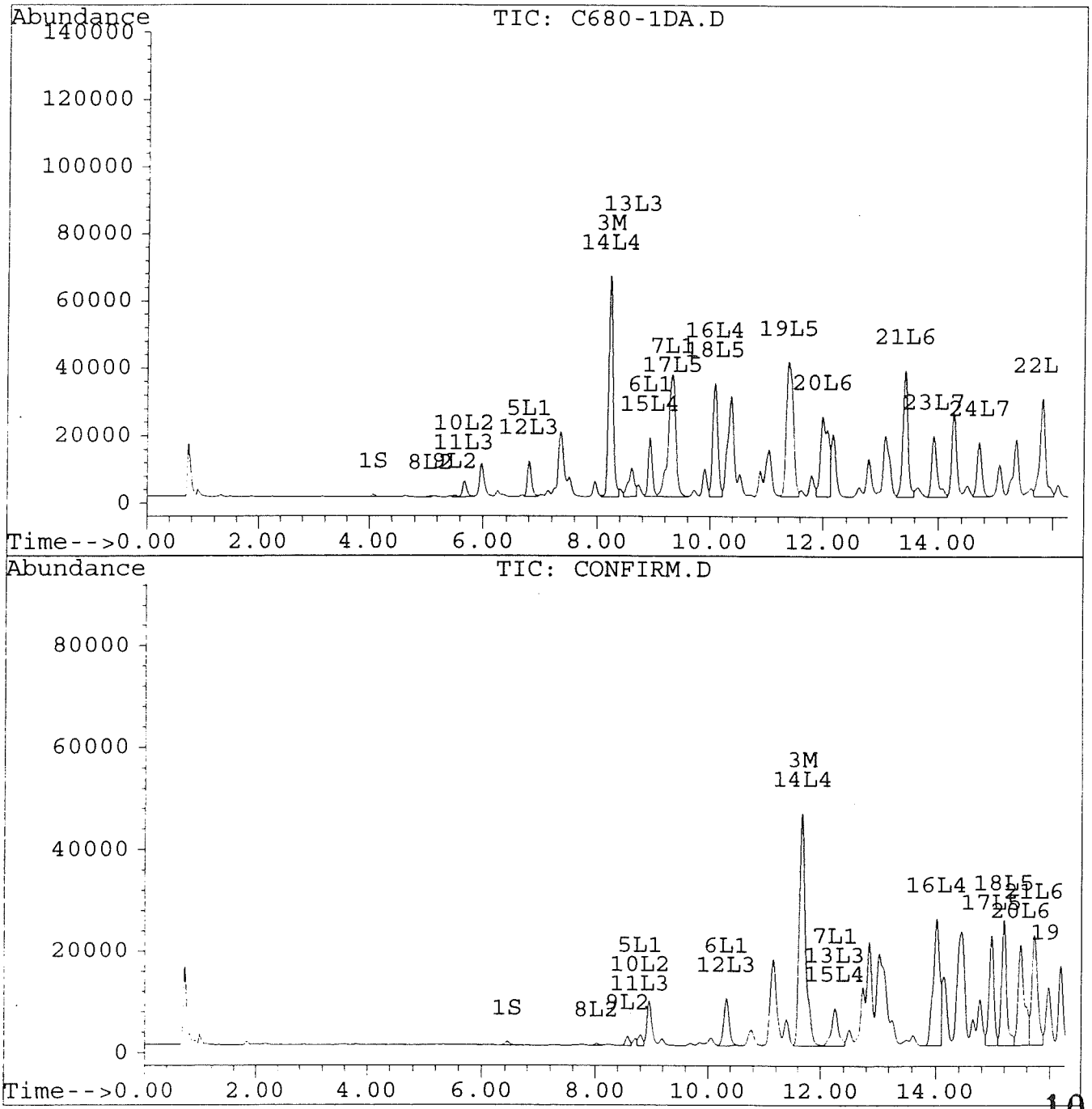
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-1DA.D Vial: 47
Signal #2 : D:\HPCHEM\5\JL25\C680-1DA.D\CONFIRM.D
Acq On : 27 Jul 96 00:56 AM Operator: JS
Sample : VHB/ PG M8 MATRIX SPIKE DUP 1:10 DILUTIO Inst : ECD1
Misc : 30.2G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

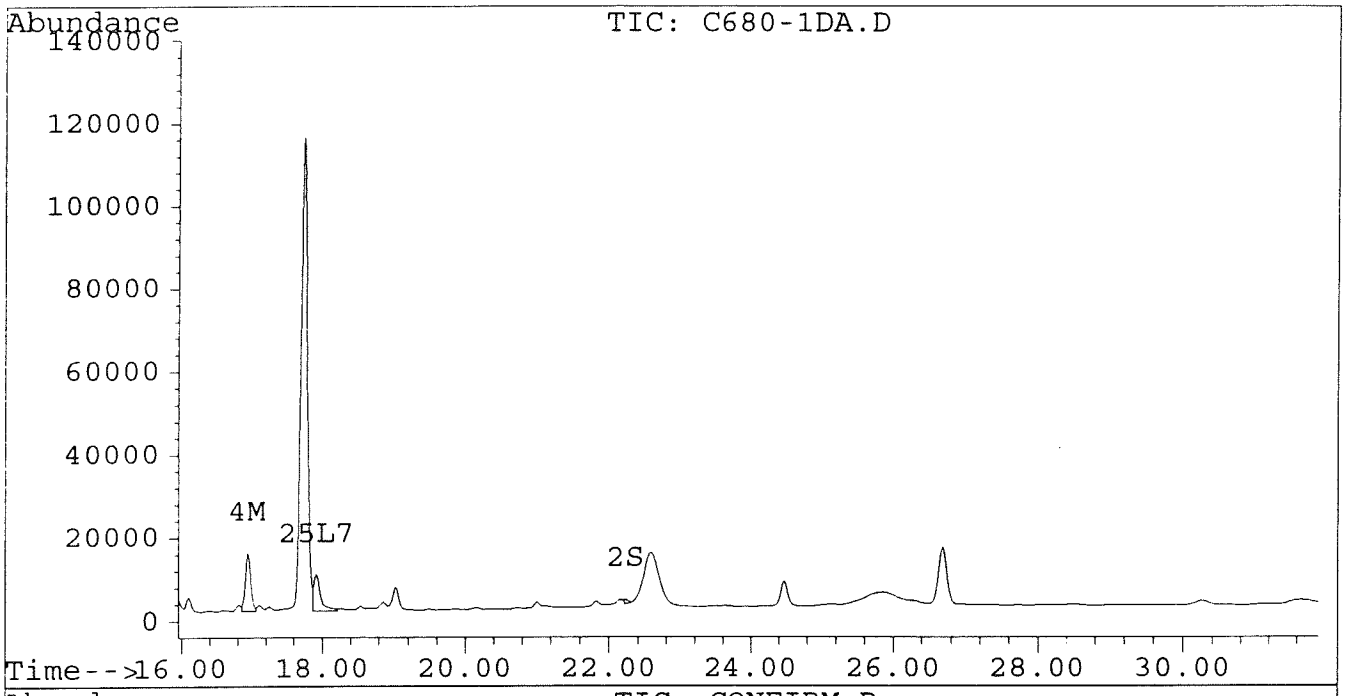


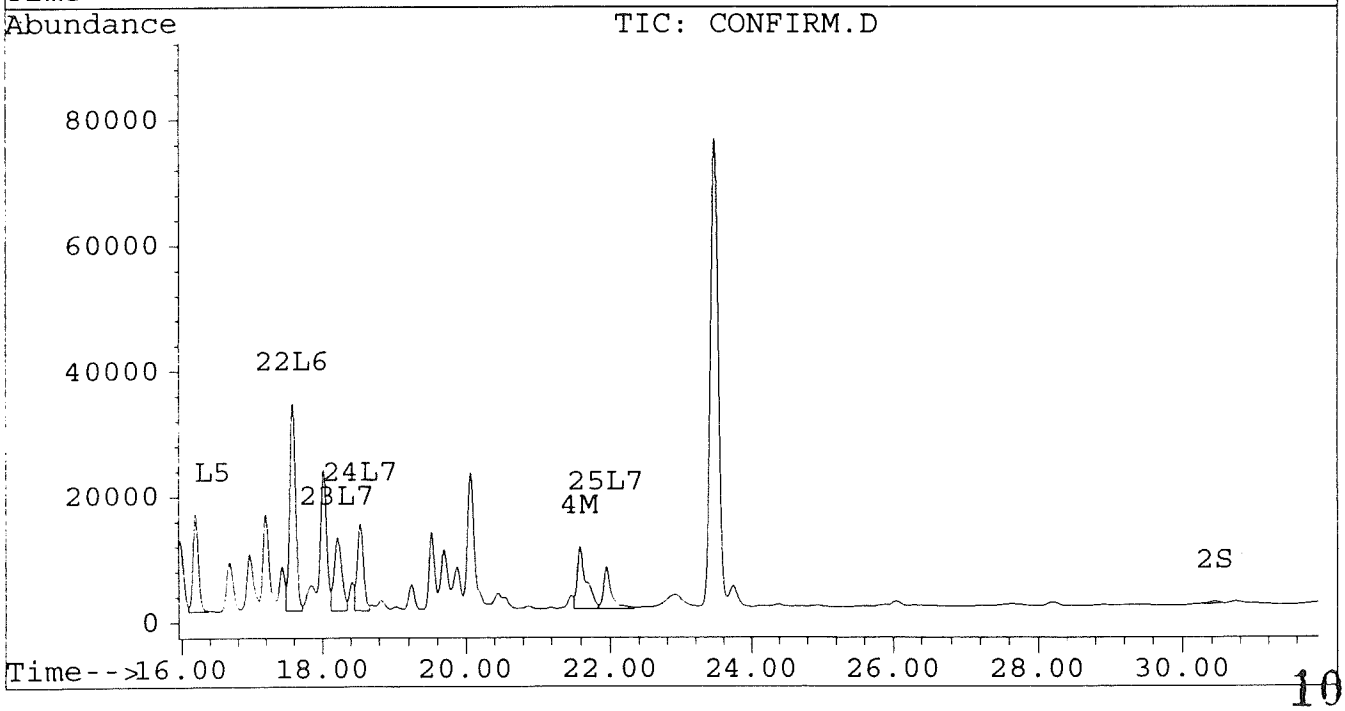
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-1DA.D Vial: 47
Signal #2 : D:\HPCHEM\5\JL25\C680-1DA.D\CONFIRM.D
Acq On : 27 Jul 96 00:56 AM Operator: JS
Sample : VHB/ PG M8 MATRIX SPIKE DUP 1:10 DILUTIO Inst : ECD1
Misc : 30.2G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL25\C680-02A.D Vial: 48
Signal #2 : D:\HPCHEM\5\JL25\C680-02A.D\CONFIRM.D
Acq On : 27 Jul 96 01:31 AM Operator: JS
Sample : VHB/ PG M11 1:3 DILUTION Inst : ECD1
Misc : 30.4G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.45	2299	2076	0.010	0.012
				Recovery	=	25.00%	30.00%
2) S	Decachlorobiphenyl	22.24	30.48	2673	2131	0.014m	0.025m#
				Recovery	=	35.00%	62.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.67	46939	32385	0.423	0.342
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	8530	5893	0.048	0.043
5) L1	Aroclor-1016	6.80	8.80	9075	1823	0.302	0.148 #
6) L1	Aroclor-1016 {2}	8.94	10.33	12022	7824	0.769	0.310 #
7) L1	Aroclor-1016 {3}	9.33	12.25	26733	5432	1.112	0.343 #
Total	Aroclor-1016			47831	15080	2.182	0.801
Average	Aroclor-1016					0.727	0.267
8) L2	Aroclor-1221	0.00	8.02	0	1413	N.D.	0.231 #
9) L2	Aroclor-1221 {2}	5.51	8.57	449	8306	0.077	1.703 #
10) L2	Aroclor-1221 {3}	5.66	8.80	11579	1823	0.573	0.119 #
Total	Aroclor-1221			12028	11541	0.650	2.053
Average	Aroclor-1221					0.325	0.684
11) L3	Aroclor-1232	5.66	8.80	11579	1823	0.635	0.127 #
12) L3	Aroclor-1232 {2}	6.80	10.33	9075	7824	0.665	0.651
13) L3	Aroclor-1232 {3}	8.61	12.25	6425	5432	0.776	0.783
Total	Aroclor-1232			27080	15080	2.076	1.562
Average	Aroclor-1232					0.692	0.521
14) L4	Aroclor-1242	8.22	11.67	46939	32385	1.152	1.121
15) L4	Aroclor-1242 {2}	8.94	12.25	12022	5432	0.987	0.433 #
16) L4	Aroclor-1242 {3}	10.08	14.02	23715	17530	1.464	1.435
Total	Aroclor-1242			82676	55347	3.604	2.990
Average	Aroclor-1242					1.201	0.997
17) L5	Aroclor-1248	9.33	14.97	26733	16657	0.866	0.759
18) L5	Aroclor-1248 {2}	10.08	15.19	23715	17978	0.912	0.791
19) L5	Aroclor-1248 {3}	11.38	16.19	32111	11750	0.945	0.669 #
Total	Aroclor-1248			82558	46384	2.722	2.220
Average	Aroclor-1248					0.907	0.740

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-02A.D Vial: 48
Signal #2 : D:\HPCHEM\5\JL25\C680-02A.D\CONFIRM.D
Acq On : 27 Jul 96 01:31 AM Operator: JS
Sample : VHB/ PG M11 1:3 DILUTION Inst : ECD1
Misc : 30.4G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	20021	16301	~~0.683~~	0.672
21) L6 Aroclor-1254 {2}	13.43	15.72	31649	18222	0.773	0.683
22) L6 Aroclor-1254 {3}	15.82	17.58	24564	27840	0.805	0.748
Total Aroclor-1254			76234	62363	~~2.261~~ 2.39	2.103
Average Aroclor-1254				2600 1749	0.754	0.701
23) L7 Aroclor-1260	13.92	18.21	15074	9786	0.478	0.347
24) L7 Aroclor-1260 {2}	14.71	18.53	13805	11943	0.373	0.367
25) L7 Aroclor-1260 {3}	17.91	21.95	21642	6342	0.417	0.131 #
Total Aroclor-1260			50521	28070	1.268	0.845
Average Aroclor-1260					0.423	0.282
26) L8 Aroclor-1268	18.86	0.00	2158	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	5353	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	2038	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.

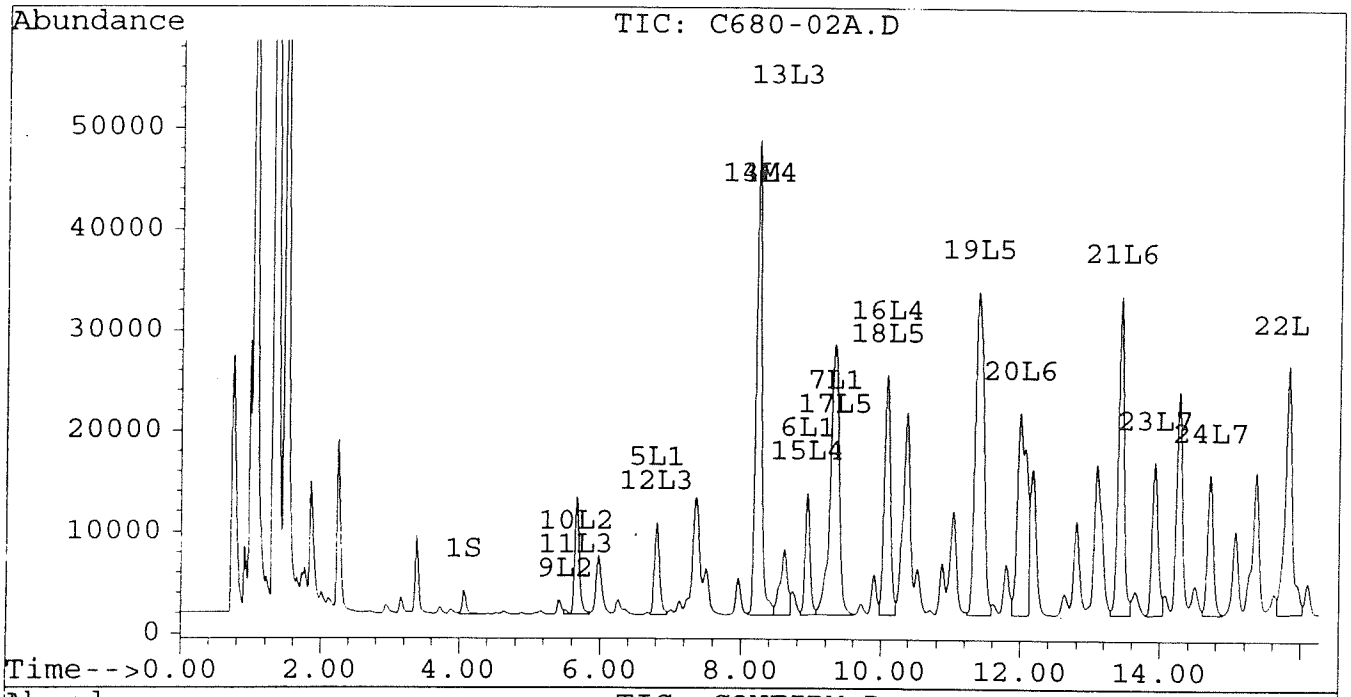
Quantitation Report

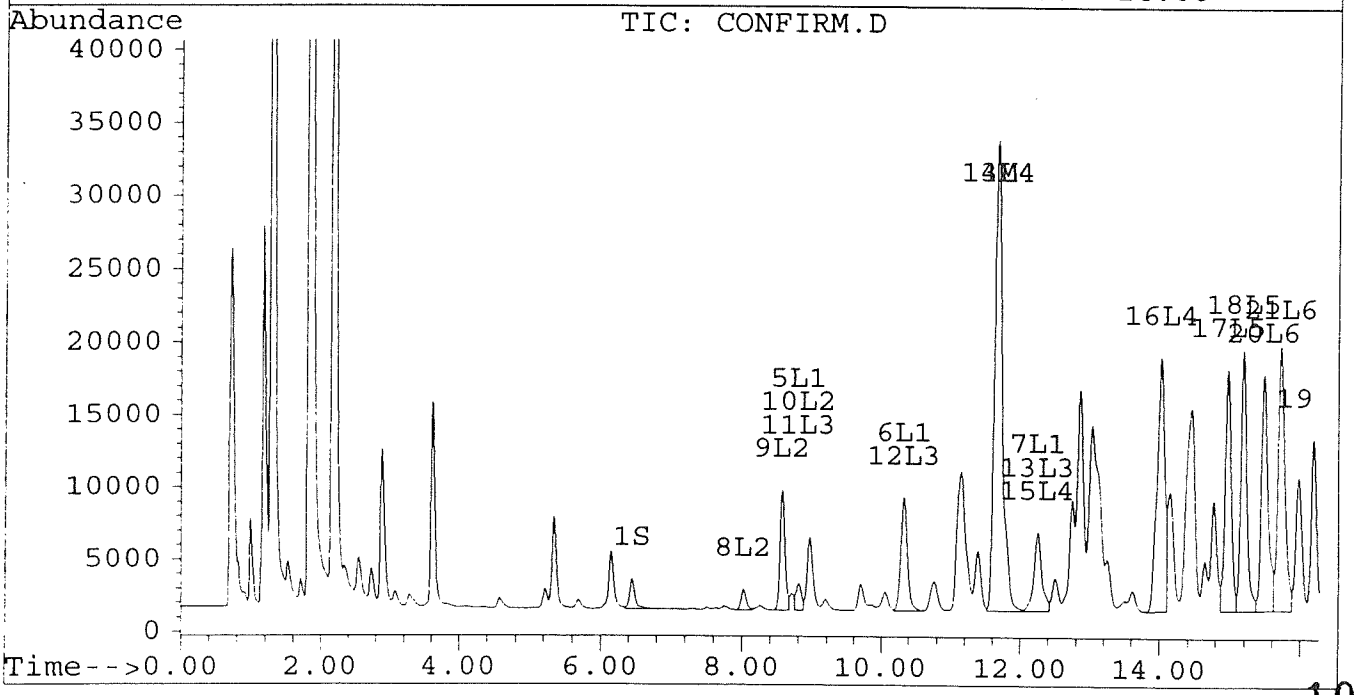
Signal #1 : D:\HPCHEM\5\JL25\C680-02A.D
Signal #2 : D:\HPCHEM\5\JL25\C680-02A.D\CONFIRM.D
Acq On : 27 Jul 96 01:31 AM
Sample : VHB/ PG M11 1:3 DILUTION
Misc : 30.4G/10ML 89% SOLID PCB ANALYSIS
Quant Time: Aug 1 14:17 1996

Vial: 48
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



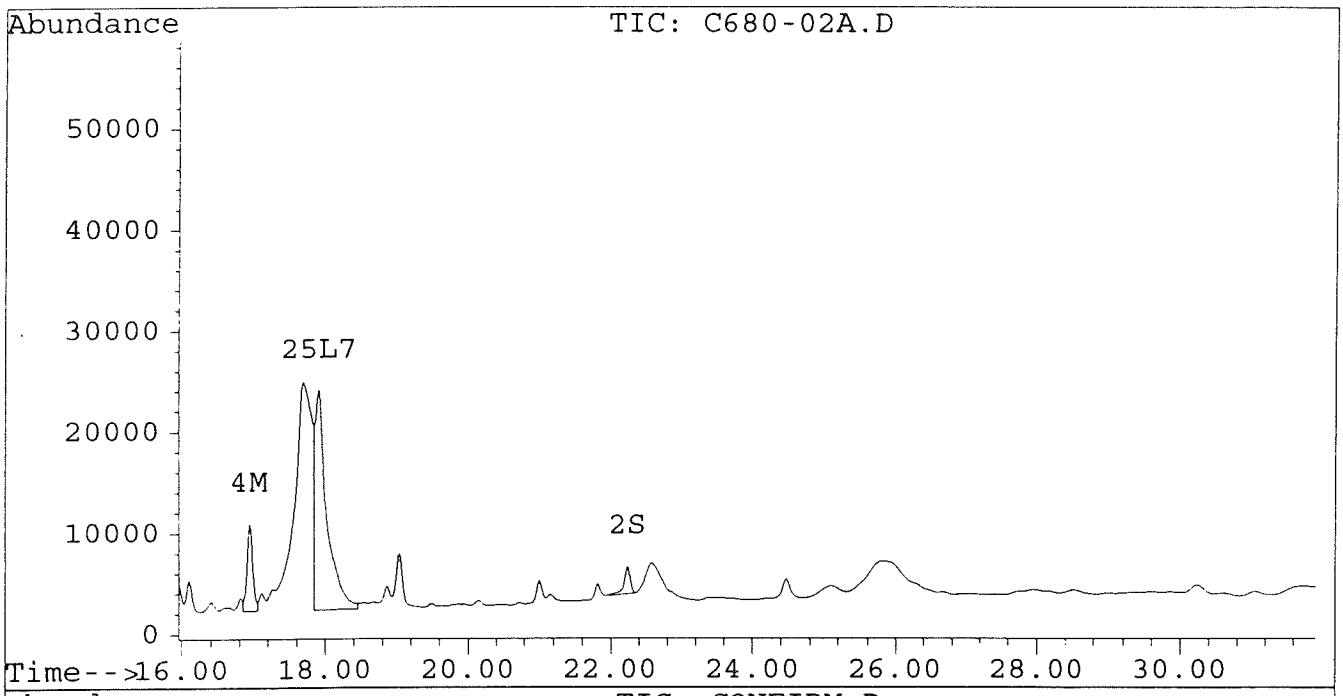


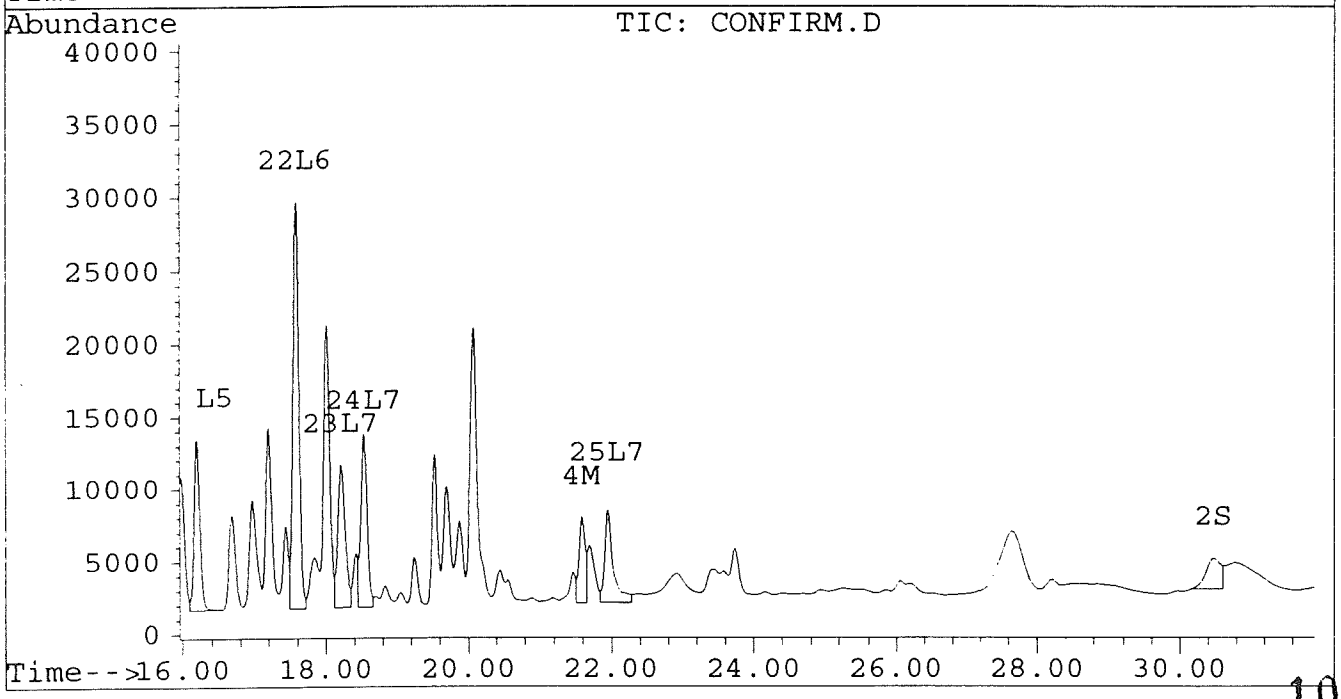
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-02A.D Vial: 48
Signal #2 : D:\HPCHEM\5\JL25\C680-02A.D\CONFIRM.D
Acq On : 27 Jul 96 01:31 AM Operator: JS
Sample : VHB/ PG M11 1:3 DILUTION Inst : ECD1
Misc : 30.4G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL25\C680-03A.D Vial: 49
Signal #2 : D:\HPCHEM\5\JL25\C680-03A.D\CONFIRM.D
Acq On : 27 Jul 96 02:06 AM Operator: JS
Sample : VHB/ PG N1 1:10 DILUTION Inst : ECD1
Misc : 30.1G/10ML 81% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.07	6.45	759	734	0.003	0.004	
				Recovery	=	7.50%	10.00%	
2) S	Decachlorobiphenyl	22.23	0.00	1797	0	0.009m	N.D.	#
				Recovery	=	22.50%	0.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.67	54736	36276	0.493	0.384	
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	6379	4302	0.036	0.031	
5) L1	Aroclor-1016	6.80	8.80	10391	1812	0.346	0.147	#
6) L1	Aroclor-1016 {2}	8.94	10.33	15793	8743	1.010	0.346	#
7) L1	Aroclor-1016 {3}	9.33	12.25	27301	6450	1.135	0.407	#
Total	Aroclor-1016			53484	17004	2.491	0.901	
Average	Aroclor-1016					0.830	0.300	
8) L2	Aroclor-1221	5.09	8.03	209	403	0.030	0.066	#
9) L2	Aroclor-1221 {2}	5.51	8.57	437	930	0.075	0.191	#
10) L2	Aroclor-1221 {3}	5.68	8.80	4065	1812	0.201	0.118	#
Total	Aroclor-1221			4711	3145	0.306	0.375	
Average	Aroclor-1221					0.102	0.125	
11) L3	Aroclor-1232	5.68	8.80	4065	1812	0.223	0.126	#
12) L3	Aroclor-1232 {2}	6.80	10.33	10391	8743	0.761	0.728	
13) L3	Aroclor-1232 {3}	8.61	12.25	7155	6450	0.864	0.930	
Total	Aroclor-1232			21612	17004	1.849	1.784	
Average	Aroclor-1232					0.616	0.595	
14) L4	Aroclor-1242	8.22	11.67	54736	36276	1.343	1.256	
15) L4	Aroclor-1242 {2}	8.94	12.25	15793	6450	1.297	0.514	#
16) L4	Aroclor-1242 {3}	10.08	14.02	24921	18326	~~1.539~~ 1.766	1.500	
Total	Aroclor-1242			95449	61052	~~4.179~~ 4.306	3.271	
Average	Aroclor-1242					1.393	1.090	
17) L5	Aroclor-1248	9.33	14.97	27301	16369	0.885	0.746	
18) L5	Aroclor-1248 {2}	10.08	15.19	24921	17957	0.958	0.791	
19) L5	Aroclor-1248 {3}	11.38	16.19	30198	12262	0.888	0.698	
Total	Aroclor-1248			82419	46589	2.731	2.235	
Average	Aroclor-1248					0.910	0.745	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-03A.D Vial: 49
Signal #2 : D:\HPCHEM\5\JL25\C680-03A.D\CONFIRM.D
Acq On : 27 Jul 96 02:06 AM Operator: JS
Sample : VHB/ PG N1 1:10 DILUTION Inst : ECD1
Misc : 30.1G/10ML 81% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	17244	14010	~~0.588~~	0.578
21) L6 Aroclor-1254 {2}	13.43	15.72	26286	15322	0.642 ✓	0.574
22) L6 Aroclor-1254 {3}	15.82	17.58	19061	22617	0.625 ✓	0.608
Total Aroclor-1254			62591	51948	~~1.855~~ 1.589	1.760
Average Aroclor-1254				7802	0.618	0.587
					(500 µg/kg)	
23) L7 Aroclor-1260	13.92	18.21	12508	7740	0.396	0.274 #
24) L7 Aroclor-1260 {2}	14.71	18.53	10774	9147	0.291	0.281
25) L7 Aroclor-1260 {3}	17.92	21.95	6823	4150	0.132	0.086 #
Total Aroclor-1260			30104	21037	0.819	0.641
Average Aroclor-1260					0.273	0.214
26) L8 Aroclor-1268	18.84	0.00	2981	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	4201	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	1593	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

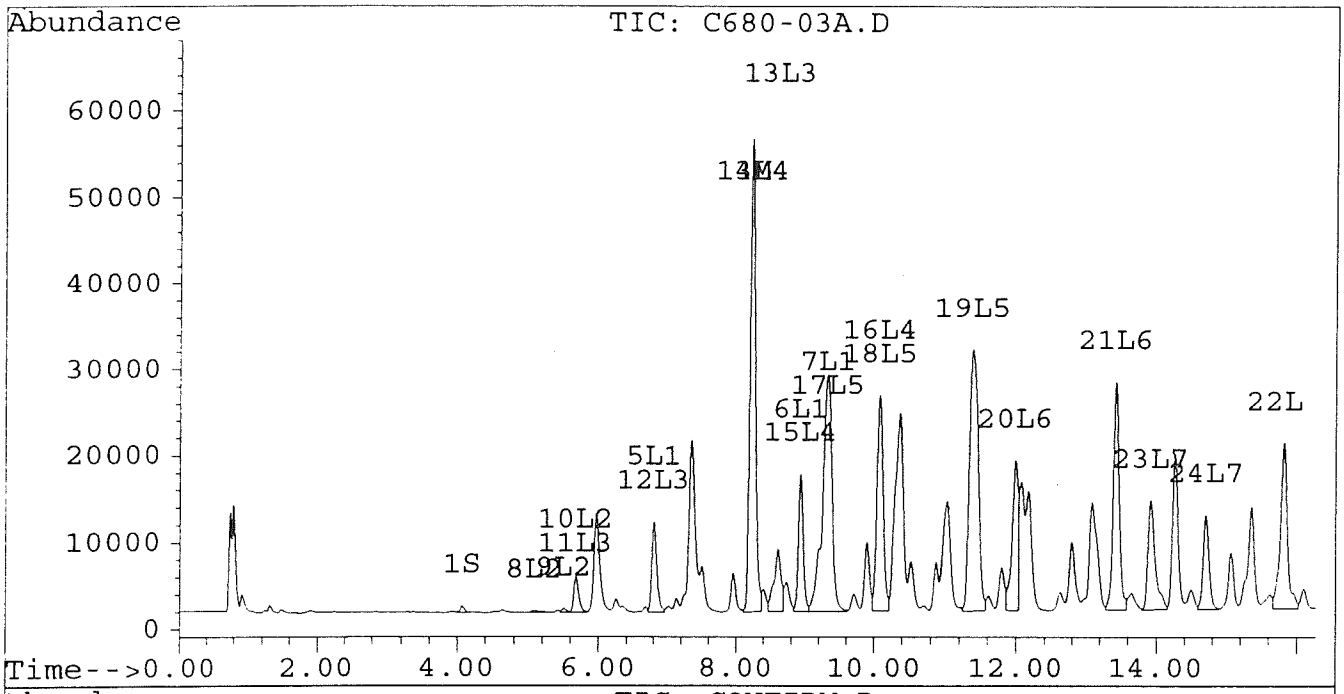
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

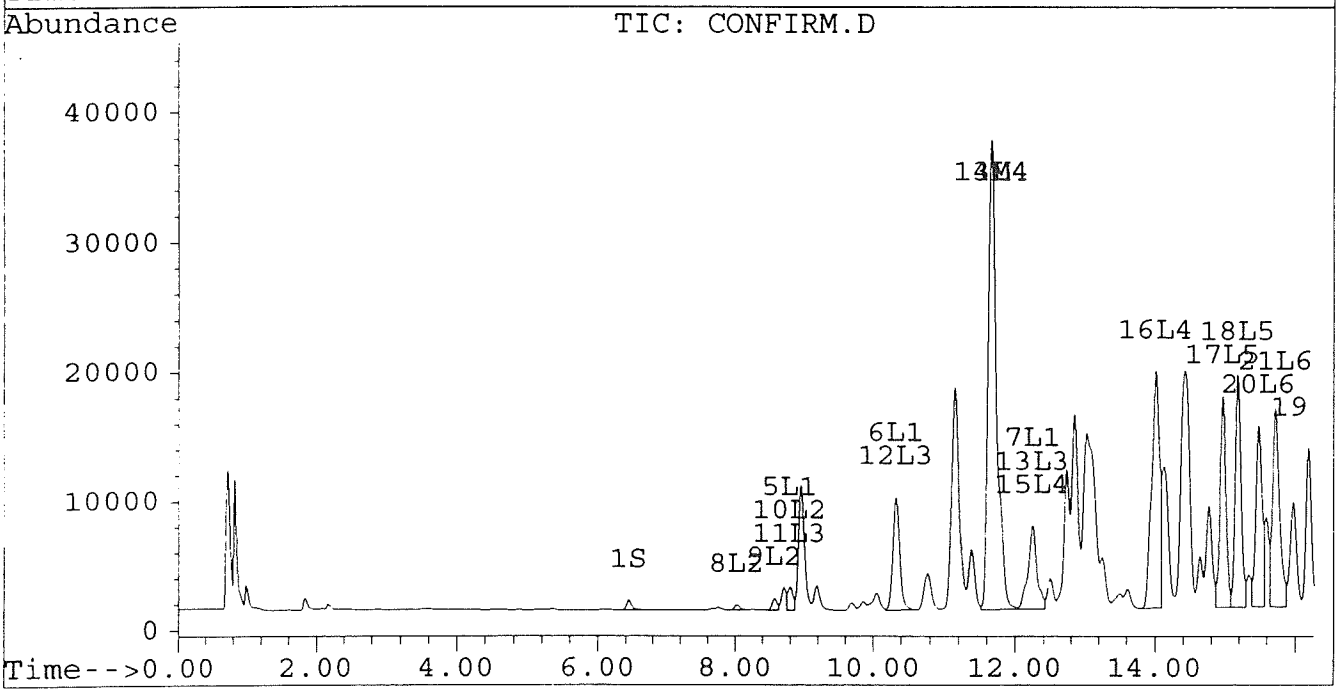
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-03A.D Vial: 49
Signal #2 : D:\HPCHEM\5\JL25\C680-03A.D\CONFIRM.D
Acq On : 27 Jul 96 02:06 AM Operator: JS
Sample : VHB/ PG N1 1:10 DILUTION Inst : ECD1
Misc : 30.1G/10ML 81% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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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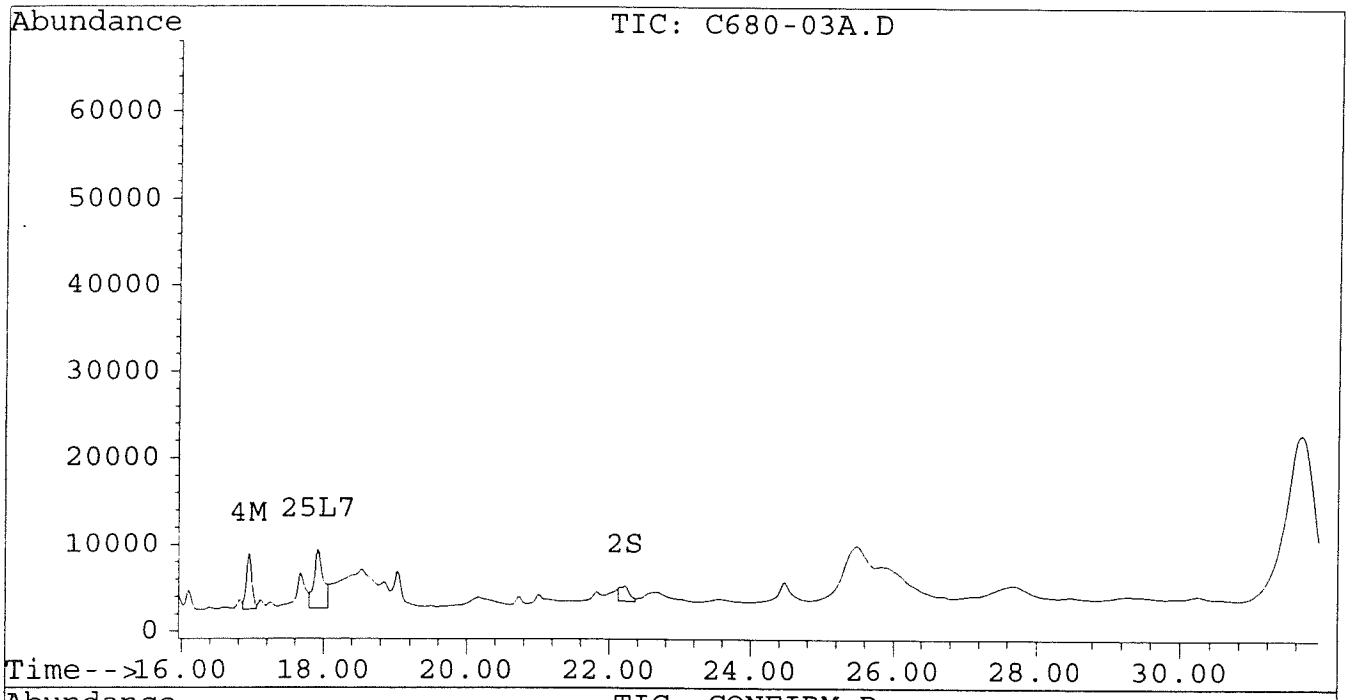
Quantitation Report

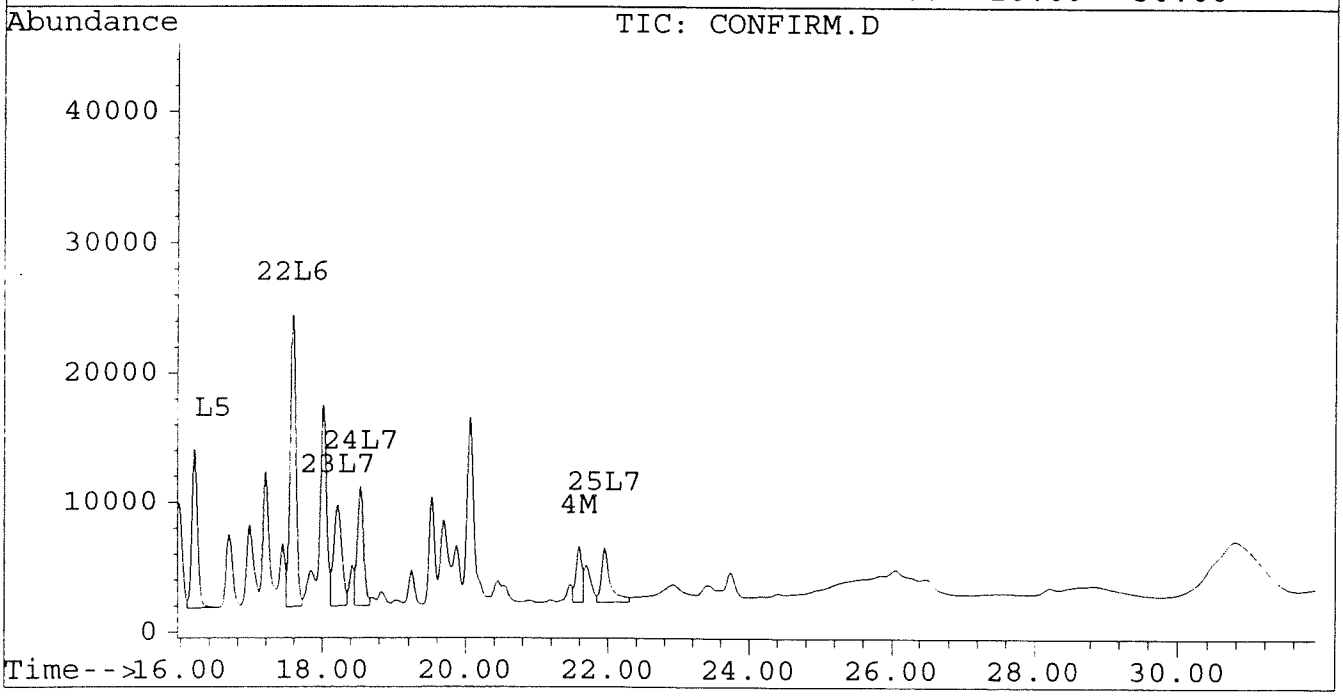
Signal #1 : D:\HPCHEM\5\JL25\C680-03A.D
Signal #2 : D:\HPCHEM\5\JL25\C680-03A.D\CONFIRM.D
Acq On : 27 Jul 96 02:06 AM
Sample : VHB/ PG N1 1:10 DILUTION
Misc : 30.1G/10ML 81% SOLID PCB ANALYSIS
Quant Time: Aug 1 14:18 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-04B.D Vial: 18
Signal #2 : D:\HPCHEM\5\JL29A\C680-04B.D\CONFIRM.D
Acq On : 30 Jul 96 07:18 AM Operator: JS
Sample : VHB/ PG N4 1:40 DILUTION Inst : ECD1
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.07	6.44	221	253	0.001	0.001	#
				Recovery	=	2.50%	2.50%	
2) S	Decachlorobiphenyl	22.23	30.45	434	182	0.002m	0.002	
				Recovery	=	5.00%	5.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.67	60974	41554	0.549	0.439	
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	7321	4858	0.041	0.035	
5) L1	Aroclor-1016	6.80	8.80	16667	2973	0.555	0.241	#
6) L1	Aroclor-1016 {2}	8.93	10.33	17433	14137	1.115	0.560	#
7) L1	Aroclor-1016 {3}	9.32	12.25	31973	8484	1.330	0.536	#
Total	Aroclor-1016			66073	25594	2.999	1.337	
Average	Aroclor-1016					1.000	0.446	
8) L2	Aroclor-1221	5.09	8.03	376	443	0.054	0.072	#
9) L2	Aroclor-1221 {2}	5.51	8.57	751	1676	0.129	0.344	#
10) L2	Aroclor-1221 {3}	5.68	8.80	5434	2973	0.269	0.194	#
Total	Aroclor-1221			6561	5092	0.451	0.610	
Average	Aroclor-1221					0.150	0.203	
11) L3	Aroclor-1232	5.68	8.80	5434	2973	0.298	0.207	#
12) L3	Aroclor-1232 {2}	6.80	10.33	16667	14137	1.221	1.177	
13) L3	Aroclor-1232 {3}	8.61	12.25	10089	8484	1.219	1.223	
Total	Aroclor-1232			32190	25594	2.738	2.608	
Average	Aroclor-1232					0.913	0.869	
14) L4	Aroclor-1242	8.22	11.67	60974	41554	1.497	1.439	
15) L4	Aroclor-1242 {2}	8.93	12.25	17433	8484	1.432	0.676	#
16) L4	Aroclor-1242 {3}	10.07	14.02	29044	21676	~~1.794~~	1.775	
Total	Aroclor-1242			107451	71714	~~4.722~~ 4.437	3.890	
Average	Aroclor-1242				64000	1.574	1.297	
17) L5	Aroclor-1248	9.32	14.97	31973	19326	1.036	~~0.881~~	
18) L5	Aroclor-1248 {2}	10.07	15.18	29044	20132	1.116	0.886	
19) L5	Aroclor-1248 {3}	11.38	16.19	35430	13420	1.042	0.764	#
Total	Aroclor-1248			96447	52878	3.195	2.532	
Average	Aroclor-1248					1.065	0.844	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-04B.D Vial: 18
Signal #2 : D:\HPCHEM\5\JL29A\C680-04B.D\CONFIRM.D
Acq On : 30 Jul 96 07:18 AM Operator: JS
Sample : VHB/ PG N4 1:40 DILUTION Inst : ECD1
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	19864	16969	~~0.677~~	0.700
21) L6 Aroclor-1254 {2}	13.43	15.72	30750	18350	0.751 ✓	0.688
22) L6 Aroclor-1254 {3}	15.81	17.58	21910	27293	0.718	0.733
Total Aroclor-1254			72523	62612	~~2.147~~ 2.66	2.121
Average Aroclor-1254					0.716 2.22	0.707
					3200	3300 µg/kg
23) L7 Aroclor-1260	13.92	18.21	14461	9289	0.458	0.329 #
24) L7 Aroclor-1260 {2}	14.70	18.53	12406	10673	0.336	0.328
25) L7 Aroclor-1260 {3}	17.91	21.95	4930	4428	0.095	0.091
Total Aroclor-1260			31796	24390	0.889	0.749
Average Aroclor-1260					0.296	0.250
26) L8 Aroclor-1268	18.85	0.00	1022	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	3481	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.81	0.00	993	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

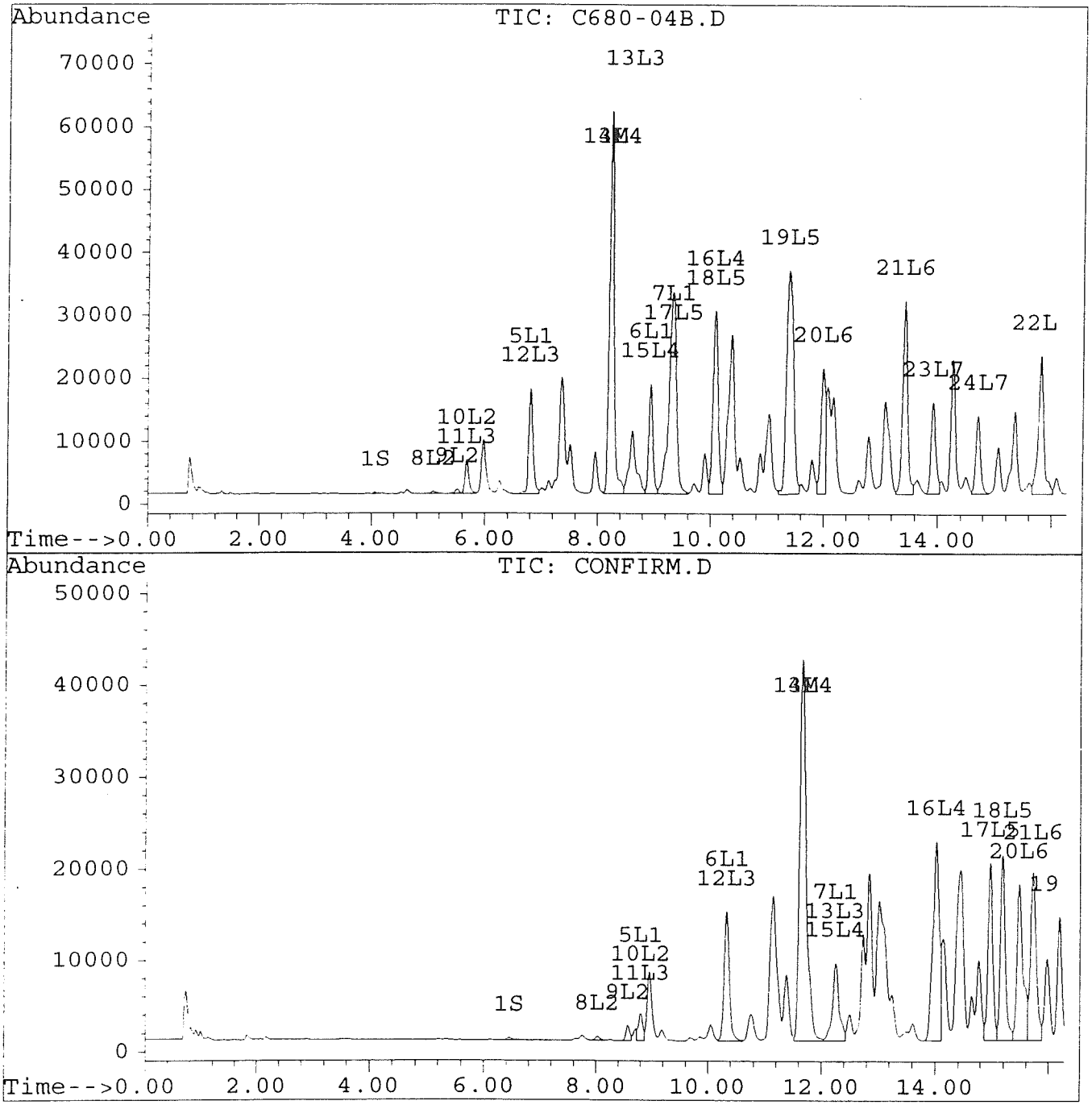
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-04B.D Vial: 18
Signal #2 : D:\HPCHEM\5\JL29A\C680-04B.D\CONFIRM.D
Acq On : 30 Jul 96 07:18 AM Operator: JS
Sample : VHB/ PG N4 1:40 DILUTION Inst : ECD1
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

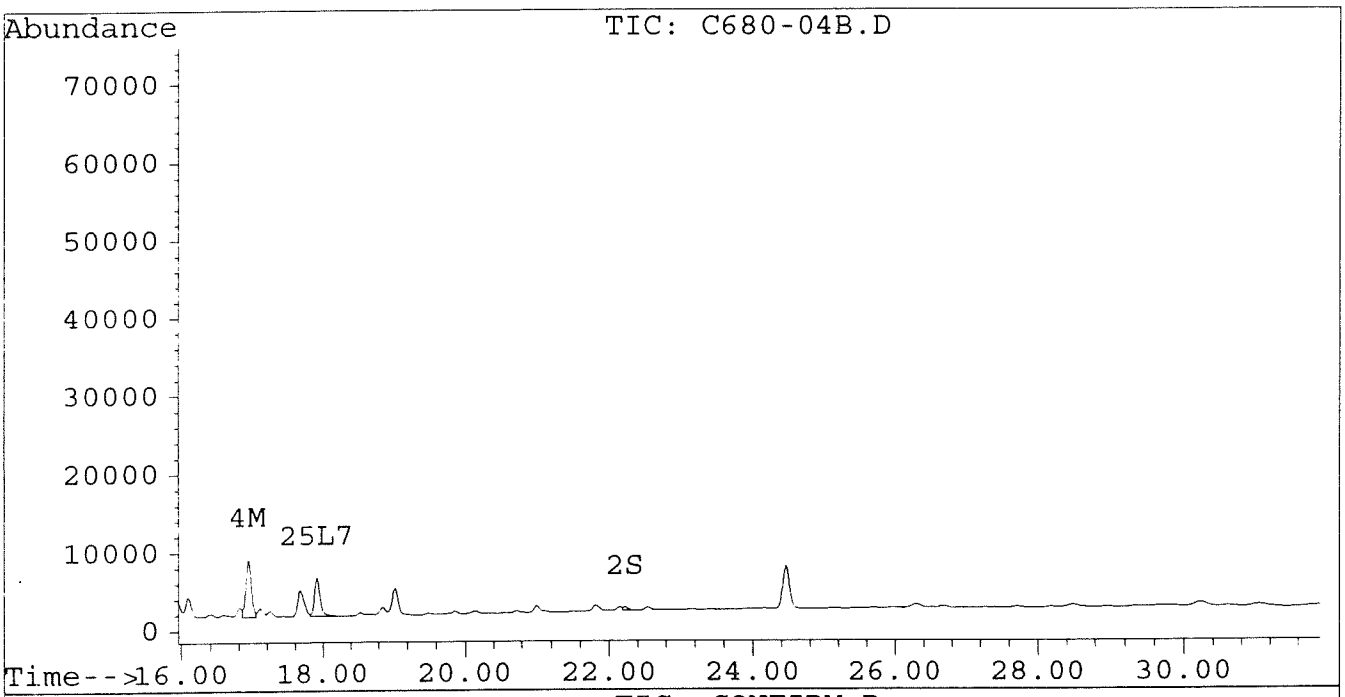


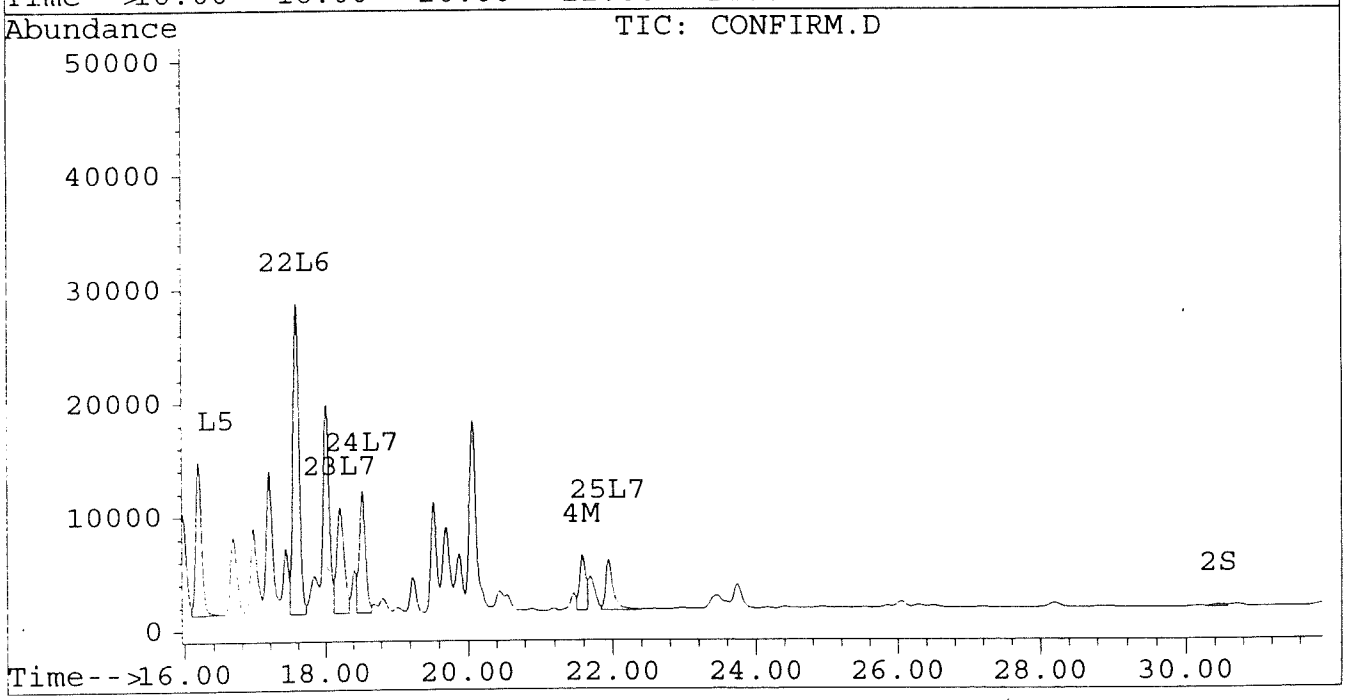
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-04B.D Vial: 18
Signal #2 : D:\HPCHEM\5\JL29A\C680-04B.D\CONFIRM.D
Acq On : 30 Jul 96 07:18 AM Operator: JS
Sample : VHB/ PG N4 1:40 DILUTION Inst : ECD1
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL25\C680-05A.D Vial: 51
Signal #2 : D:\HPCHEM\5\JL25\C680-05A.D\CONFIRM.D
Acq On : 27 Jul 96 03:16 AM Operator: JS
Sample : VHB/ PG N6 1:50 DILUTION Inst : ECD1
Misc : 30.5G/10ML 83% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.07	6.45	109	186	0.000m	0.001	#
				Recovery	=	0.00%	2.50%	
2) S	Decachlorobiphenyl	22.15f	30.36f	4670	280	0.024m	0.003m	#
				Recovery	=	60.00%	7.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.67	50236	34622	0.452	0.366	
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	5909	4030	0.033	0.029	
5) L1	Aroclor-1016	6.80	8.80	10605	1832	0.353	0.148	#
6) L1	Aroclor-1016 {2}	8.94	10.33	14927	9061	0.954	0.359	#
7) L1	Aroclor-1016 {3}	9.33	12.25	25590	6067	1.064	0.383	#
Total	Aroclor-1016			51122	16960	2.371	0.891	
Average	Aroclor-1016					0.790	0.297	
8) L2	Aroclor-1221	5.09	8.03	221	267	0.031	0.044	#
9) L2	Aroclor-1221 {2}	5.51	8.57	471	763	0.081	0.156	#
10) L2	Aroclor-1221 {3}	5.68	8.80	3548	1832	0.176	0.119	#
Total	Aroclor-1221			4240	2861	0.288	0.319	
Average	Aroclor-1221					0.096	0.106	
11) L3	Aroclor-1232	5.68	8.80	3548	1832	0.195	0.128	#
12) L3	Aroclor-1232 {2}	6.80	10.33	10605	9061	0.777	0.754	
13) L3	Aroclor-1232 {3}	8.61	12.25	7063	6067	0.853	0.875	
Total	Aroclor-1232			21216	16960	1.825	1.757	
Average	Aroclor-1232					0.608	0.586	
14) L4	Aroclor-1242	8.22	11.67	50236	34622	1.233	1.199	
15) L4	Aroclor-1242 {2}	8.94	12.25	14927	6067	1.226	0.484	#
16) L4	Aroclor-1242 {3}	10.08	14.02	23007	17043	1.421	1.395	
Total	Aroclor-1242			88170	57733	3.880	3.078	
Average	Aroclor-1242					1.293	1.026	
17) L5	Aroclor-1248	9.33	14.97	25590	14962	0.829	0.682	
18) L5	Aroclor-1248 {2}	10.08	15.19	23007	15526	0.884	0.684	
19) L5	Aroclor-1248 {3}	11.38	16.19	27491	10040	0.809	0.572	#
Total	Aroclor-1248			76088	40529	2.522	1.937	
Average	Aroclor-1248					0.841	0.646	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-05A.D Vial: 51
Signal #2 : D:\HPCHEM\5\JL25\C680-05A.D\CONFIRM.D
Acq On : 27 Jul 96 03:16 AM Operator: JS
Sample : VHB/ PG N6 1:50 DILUTION Inst : ECD1
Misc : 30.5G/10ML 83% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	15810	13353	0.539	0.551
21) L6 Aroclor-1254 {2}	13.43	15.72	24344	14535	0.595	0.545
22) L6 Aroclor-1254 {3}	15.82	17.58	17919	21627	0.588	0.581
Total Aroclor-1254			58072	49515	1.721	1.677
Average Aroclor-1254					0.574	0.559
23) L7 Aroclor-1260	13.92	18.21	11556	7613	0.366	0.270 #
24) L7 Aroclor-1260 {2}	14.71	18.53	10144	8889	0.274	0.273
25) L7 Aroclor-1260 {3}	17.91	21.95	4892	3870	0.094	0.080
Total Aroclor-1260			26591	20372	0.735	0.623
Average Aroclor-1260					0.245	0.208
26) L8 Aroclor-1268	18.86	0.00	1985	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	3936	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	1848	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{2.459 \times 10}{0.6305 \times .83 \times .666} \times 50 = 72,924$

72,000

~~AR1254~~ AR1254

$\frac{1.183 \times 10}{0.0305 \times .83 \times .666} \times 50 = 35,083$

35000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
C680-05A.D PCB1F.M Fri Aug 02 08:59:09 1996 HPPC

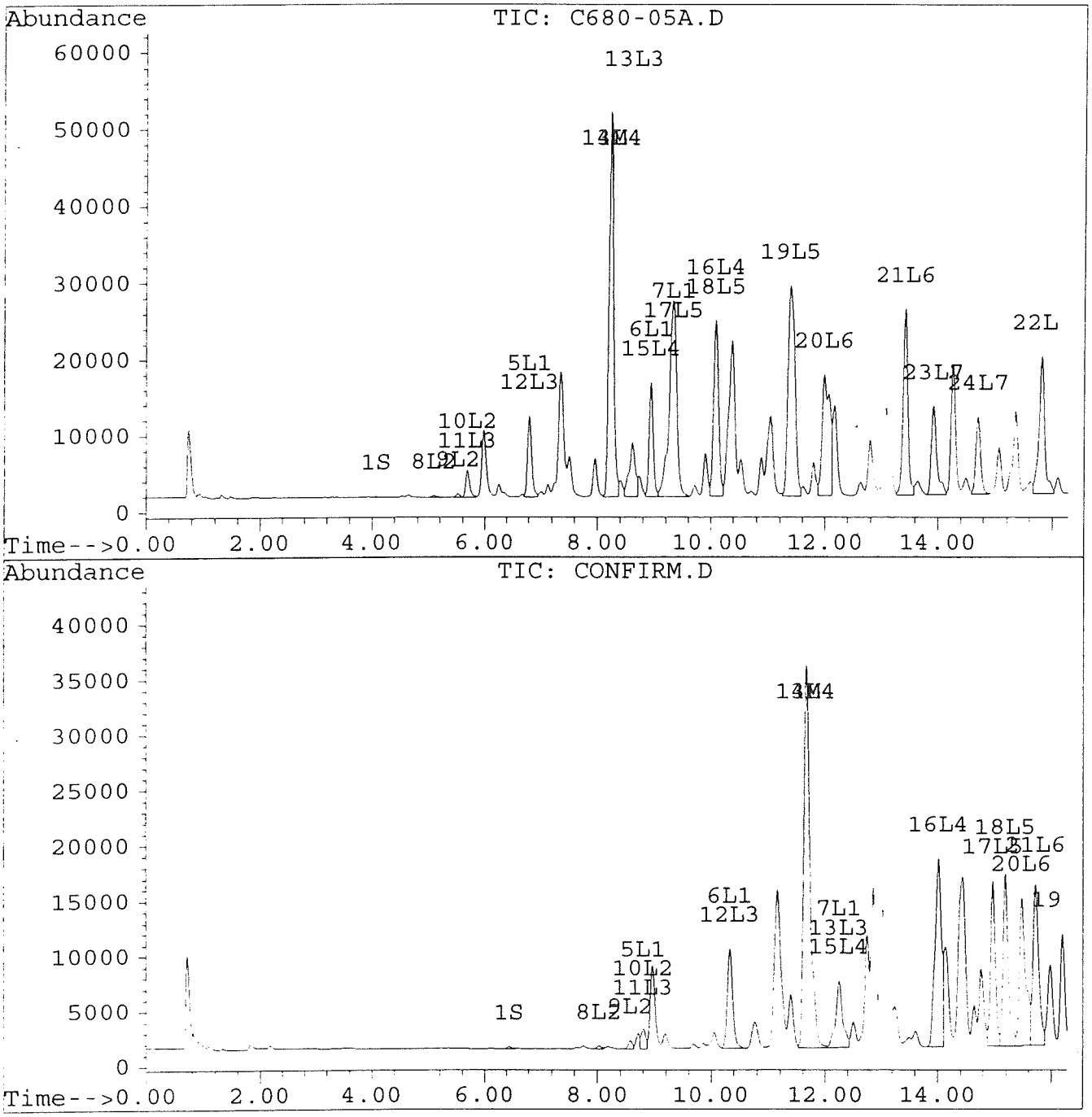
11C

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-05A.D Vial: 51
Signal #2 : D:\HPCHEM\5\JL25\C680-05A.D\CONFIRM.D
Acq On : 27 Jul 96 03:16 AM Operator: JS
Sample : VHB/ PG N6 1:50 DILUTION Inst : ECD1
Misc : 30.5G/10ML 83% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

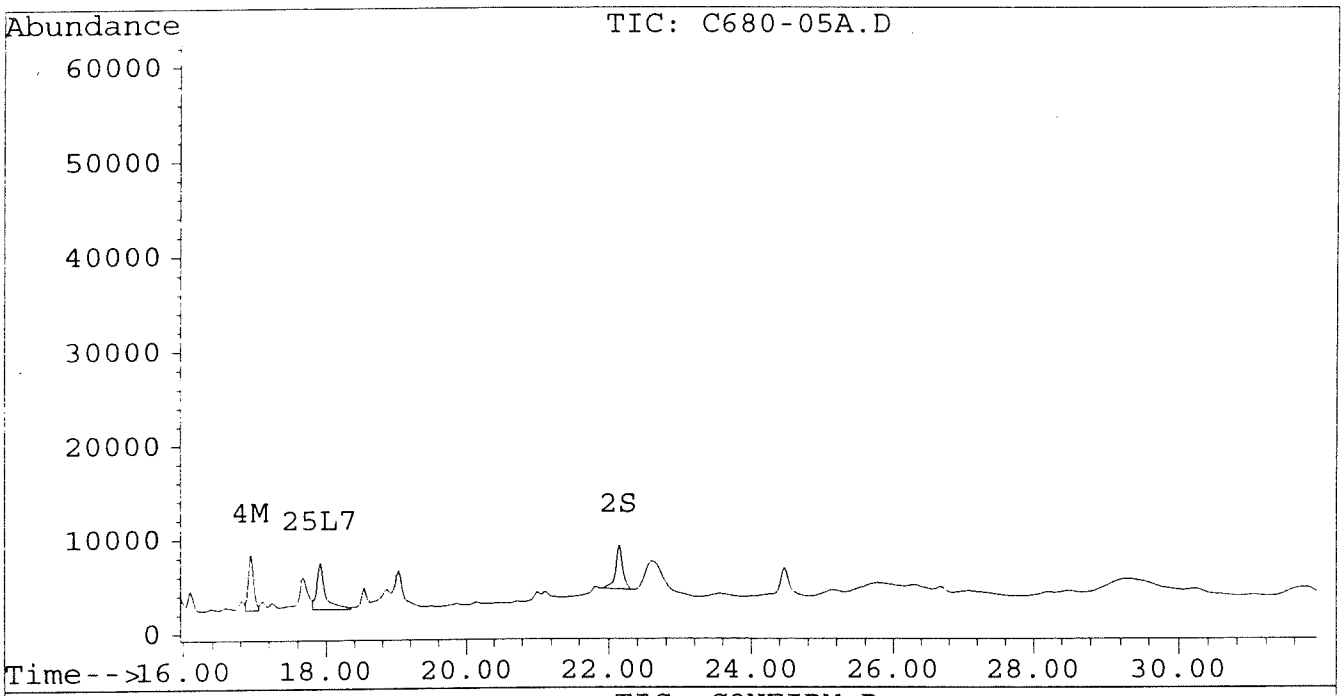


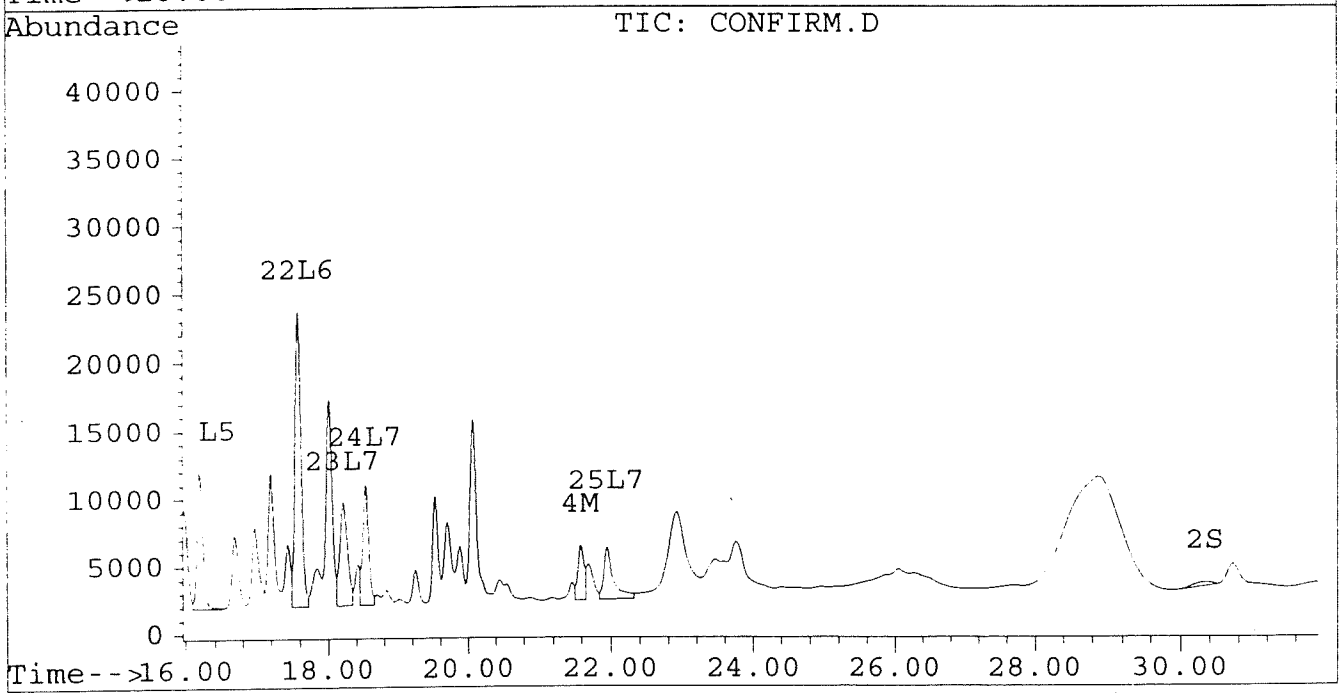
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-05A.D Vial: 51
Signal #2 : D:\HPCHEM\5\JL25\C680-05A.D\CONFIRM.D
Acq On : 27 Jul 96 03:16 AM Operator: JS
Sample : VHB/ PG N6 1:50 DILUTION Inst : ECD1
Misc : 30.5G/10ML 83% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL29A\C680-06B.D Vial: 19
Signal #2 : D:\HPCHEM\5\JL29A\C680-06B.D\CONFIRM.D
Acq On : 30 Jul 96 07:54 AM Operator: JS
Sample : VHB/ PG 05 1:40 DILUTION Inst : ECD1
Misc : 30.4G/10ML 85% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.07	6.45	280	334	0.001	0.002 #
				Recovery	=	2.50%	5.00%
2)	S Decachlorobiphenyl	22.14f	30.42	886	285	0.005m	0.003m#
				Recovery	=	12.50%	7.50%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.22	11.67	65629	43125	0.591	0.456
4)	M 2,2',3,3',4,4'-Hexa	16.94	21.59	7340	4993	0.041	0.036
5)	L1 Aroclor-1016	6.80	8.80	14312	2827	0.476	0.229 #
6)	L1 Aroclor-1016 {2}	8.93	10.33	18947	12118	1.212	0.480 #
7)	L1 Aroclor-1016 {3}	9.33	12.25	32412	8291	1.348	0.524 #
	Total Aroclor-1016			65672	23236	3.036	1.233
	Average Aroclor-1016					1.012	0.411
8)	L2 Aroclor-1221	5.09	8.03	344	435	0.049	0.071 #
9)	L2 Aroclor-1221 {2}	5.51	8.57	713	1255	0.122	0.257 #
10)	L2 Aroclor-1221 {3}	5.68	8.80	5337	2827	0.264	0.184 #
	Total Aroclor-1221			6393	4517	0.435	0.513
	Average Aroclor-1221					0.145	0.171
11)	L3 Aroclor-1232	5.68	8.80	5337	2827	0.293	0.197 #
12)	L3 Aroclor-1232 {2}	6.80	10.33	14312	12118	1.049	1.009
13)	L3 Aroclor-1232 {3}	8.61	12.25	8942	8291	1.080	1.196
	Total Aroclor-1232			28591	23236	2.422	2.402
	Average Aroclor-1232					0.807	0.801
14)	L4 Aroclor-1242	8.22	11.67	65629	43125	1.611	1.493
15)	L4 Aroclor-1242 {2}	8.93	12.25	18947	8291	1.556	0.661 #
16)	L4 Aroclor-1242 {3}	10.08	14.02	29716	22153	1.835	1.814
	Total Aroclor-1242			114292	73569	5.002	3.968
	Average Aroclor-1242					1.667	1.323
17)	L5 Aroclor-1248	9.33	14.97	32412	19009	1.050	0.867
18)	L5 Aroclor-1248 {2}	10.08	15.18	29716	20344	1.142	0.896
19)	L5 Aroclor-1248 {3}	11.38	16.19	35240	13764	1.037	0.784
	Total Aroclor-1248			97367	53117	3.229	2.546
	Average Aroclor-1248					1.076	0.849

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-06B.D Vial: 19
Signal #2 : D:\HPCHEM\5\JL29A\C680-06B.D\CONFIRM.D
Acq On : 30 Jul 96 07:54 AM Operator: JS
Sample : VHB/ PG O5 1:40 DILUTION Inst : ECD1
Misc : 30.4G/10ML 85% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	19697	19220	~~0.672~~	0.792
21) L6 Aroclor-1254 {2}	13.43	15.72	30639	18465	0.749	0.692
22) L6 Aroclor-1254 {3}	15.81	17.58	22269	26748	0.730	0.719
Total Aroclor-1254			72605	64433	~~2.150~~	2.203
Average Aroclor-1254					0.717	~~0.734~~
				34,376	2.241	~~3.000~~
23) L7 Aroclor-1260	13.92	18.21	14355	9652	0.455	~~0.342~~
24) L7 Aroclor-1260 {2}	14.70	18.53	12461	10745	0.337	0.330
25) L7 Aroclor-1260 {3}	17.91	21.95	4933	4403	0.095	0.091
Total Aroclor-1260			31749	24800	0.887	0.763
Average Aroclor-1260					0.296	0.254
26) L8 Aroclor-1268	18.85	0.00	1205	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	3500	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	1347	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.

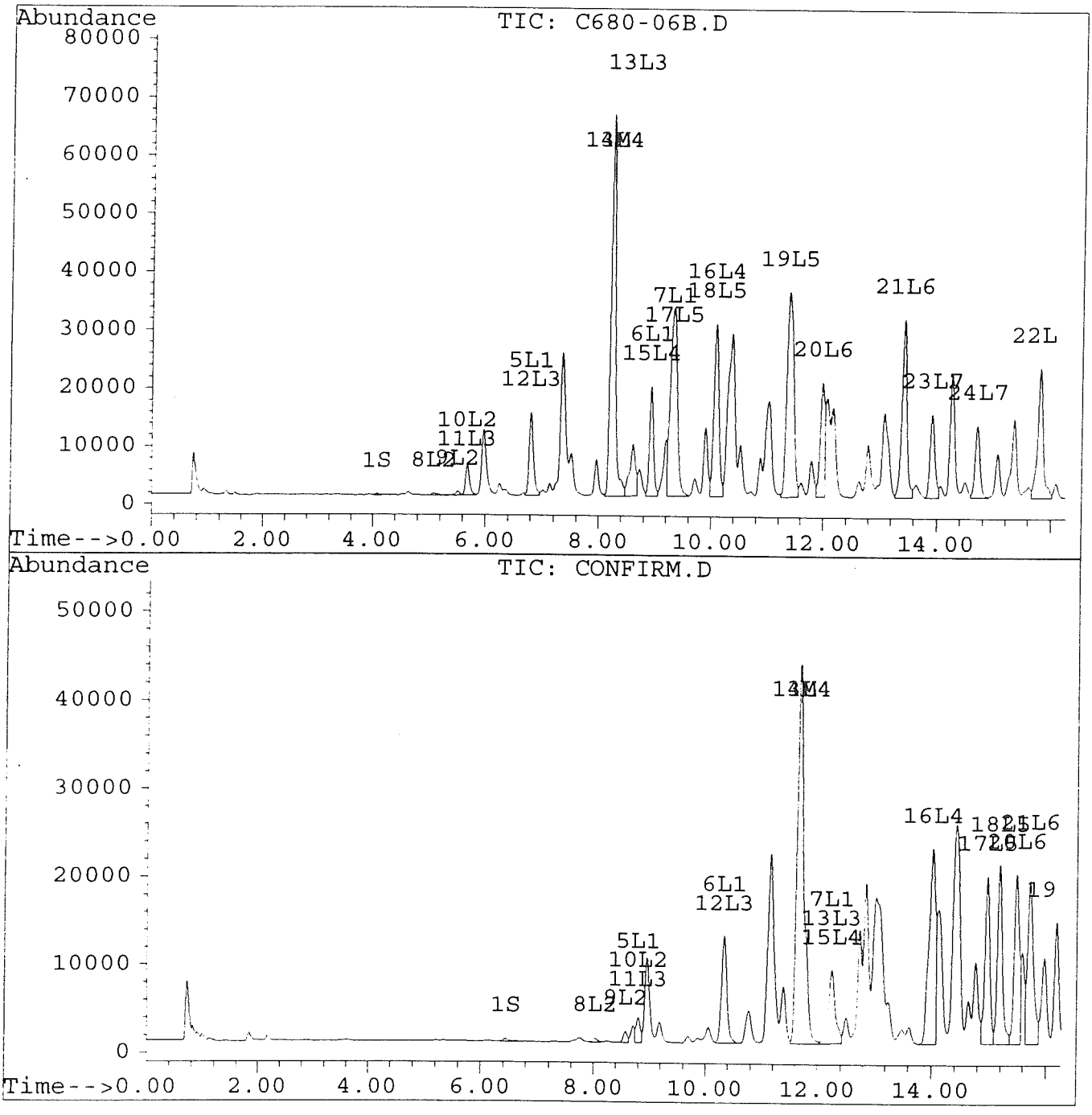
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-06B.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-06B.D\CONFIRM.D
Acq On : 30 Jul 96 07:54 AM
Sample : VHB/ PG O5 1:40 DILUTION
Misc : 30.4G/10ML 85% SOLID PCB ANALYSIS
Quant Time: Aug 1 15:25 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

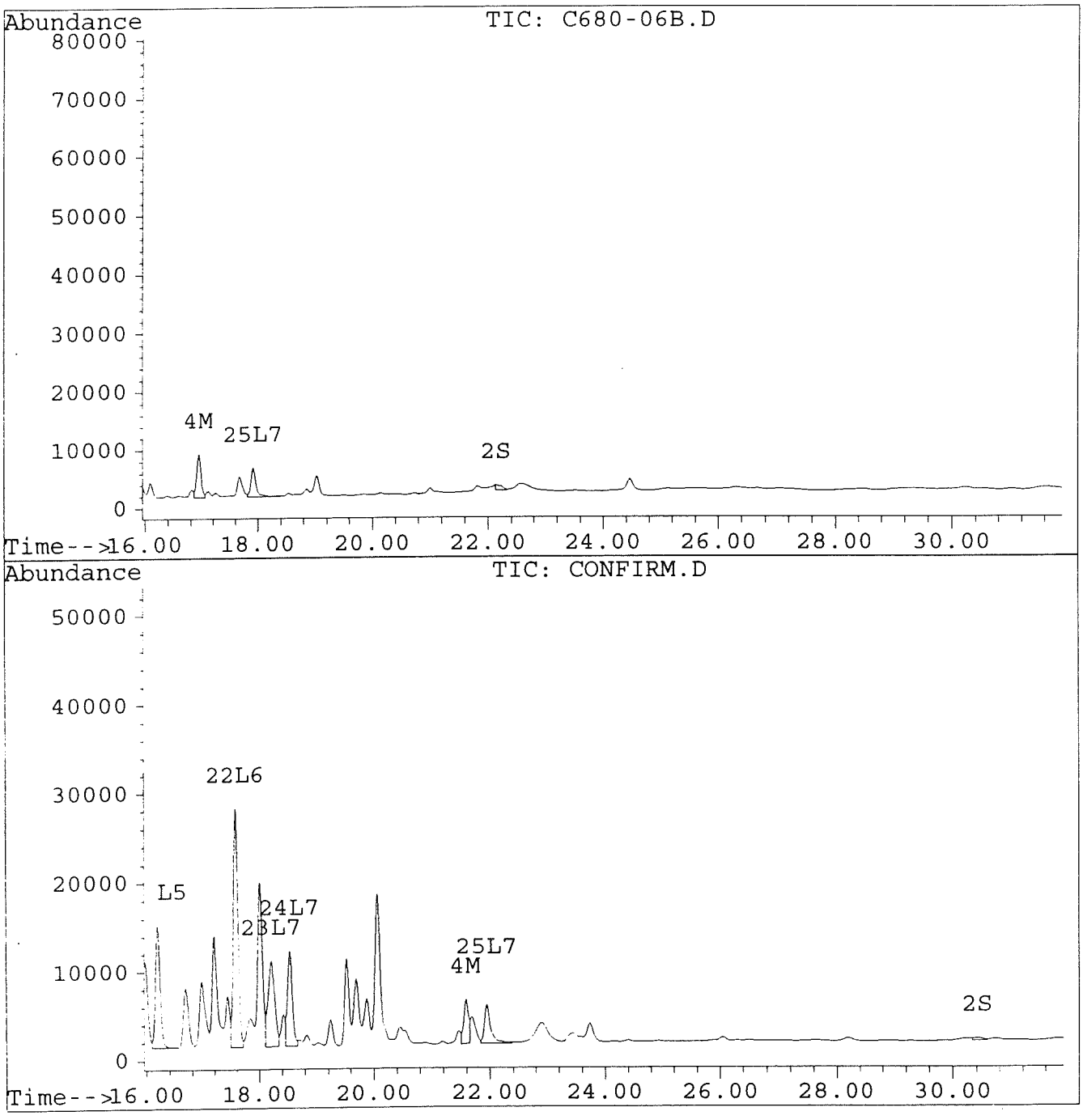


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-06B.D Vial: 19
Signal #2 : D:\HPCHEM\5\JL29A\C680-06B.D\CONFIRM.D
Acq On : 30 Jul 96 07:54 AM Operator: JS
Sample : VHB/ PG 05 1:40 DILUTION Inst : ECD1
Misc : 30.4G/10ML 85% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL25\C680-07A.D Vial: 53
Signal #2 : D:\HPCHEM\5\JL25\C680-07A.D\CONFIRM.D
Acq On : 27 Jul 96 07:22 AM Operator: JS
Sample : VHB/ PG 08 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:31 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	1102	1014	0.005m	0.006m
				Recovery	=	12.50%	15.00%
2) S	Decachlorobiphenyl	22.24	30.46	1503	692	0.008m	0.008
				Recovery	=	20.00%	20.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.67	47461	32693	0.427	0.346
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	12493	8345	0.070	0.060
5) L1	Aroclor-1016	6.80	8.80	9743	1651	0.324	0.134 #
6) L1	Aroclor-1016 (2)	8.94	10.33	12819	8547	0.820	0.339 #
7) L1	Aroclor-1016 (3)	9.32	12.25	29884	6556	1.243	0.414 #
Total	Aroclor-1016			52446	16753	2.386	0.887
Average	Aroclor-1016					0.795	0.296
8) L2	Aroclor-1221	0.00	8.02	0	620	N.D.	0.101 #
9) L2	Aroclor-1221 (2)	5.51	8.57	475	3316	0.081	0.680 #
10) L2	Aroclor-1221 (3)	5.67	8.80	5279	1651	0.261	0.108 #
Total	Aroclor-1221			5755	5587	0.343	0.889
Average	Aroclor-1221					0.171	0.296
11) L3	Aroclor-1232	5.67	8.80	5279	1651	0.289	0.115 #
12) L3	Aroclor-1232 (2)	6.80	10.33	9743	8547	0.714	0.711
13) L3	Aroclor-1232 (3)	8.61	12.25	6895	6556	0.833	0.945
Total	Aroclor-1232			21917	16753	1.836	1.772
Average	Aroclor-1232					0.612	0.591
14) L4	Aroclor-1242	8.22	11.67	47461	32693	1.165	1.132
15) L4	Aroclor-1242 (2)	8.94	12.25	12819	6556	1.053	0.523 #
16) L4	Aroclor-1242 (3)	10.08	14.02	26347	20696	1.627	1.694
Total	Aroclor-1242			86627	59944	3.845	3.349
Average	Aroclor-1242					1.282	1.116
17) L5	Aroclor-1248	9.32	14.97	29884	19441	0.968	0.886
18) L5	Aroclor-1248 (2)	10.08	15.19	26347	19400	1.013	0.854
19) L5	Aroclor-1248 (3)	11.37	16.19	36601	13168	1.077	0.750 #
Total	Aroclor-1248			92833	52010	3.058	2.490
Average	Aroclor-1248					1.019	0.830

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-07A.D Vial: 53
Signal #2 : D:\HPCHEM\5\JL25\C680-07A.D\CONFIRM.D
Acq On : 27 Jul 96 07:22 AM Operator: JS
Sample : VHB/ PG O8 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:31 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	27159	24157	~~0.926~~	0.996
21) L6	Aroclor-1254 (2)	13.43	15.72	41742	26007	1.020 ✓	0.975
22) L6	Aroclor-1254 (3)	15.82	17.58	33273	37385	1.091 ✓	1.005
Total	Aroclor-1254			102173	87548	~~3.037~~ 3.178	2.975
Average	Aroclor-1254				56 48	1.012	0.992
						~~5700 ug/kg~~	
23) L7	Aroclor-1260	0.00	18.21	0	14911	N.D.	0.529 #
24) L7	Aroclor-1260 (2)	14.71	18.53	19240	17461	0.520	0.537
25) L7	Aroclor-1260 (3)	17.92	21.95	9577	8343	0.185	0.172
Total	Aroclor-1260			28818	40715	0.705	1.237
Average	Aroclor-1260					0.352	0.412
26) L8	Aroclor-1268	18.86	0.00	2694	0	NoCal	N.D.
27) L8	Aroclor-1268 (2)	19.03	0.00	6715	0	NoCal	N.D.
28) L8	Aroclor-1268 (3)	21.81	0.00	1741	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.

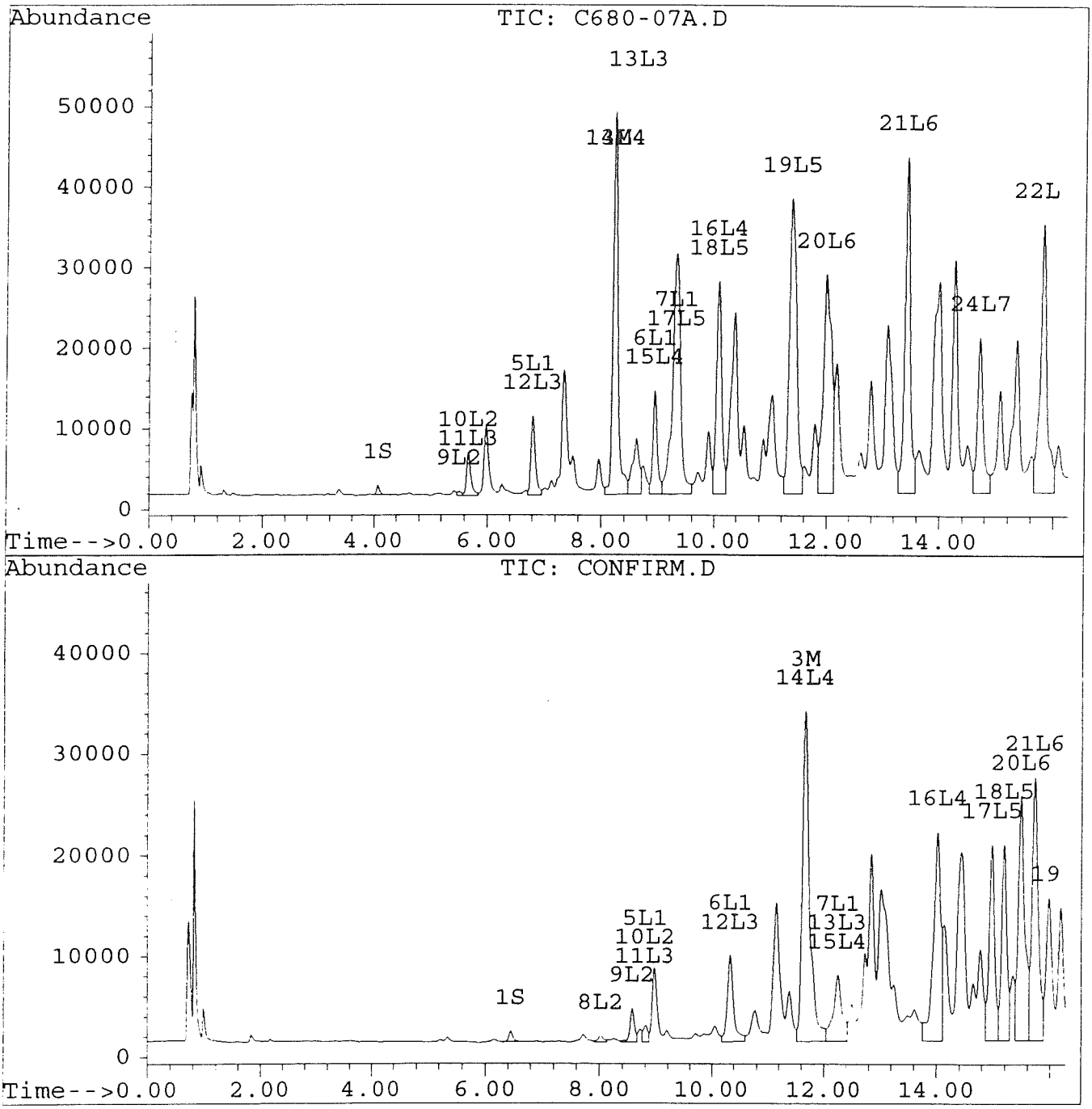
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-07A.D
Signal #2 : D:\HPCHEM\5\JL25\C680-07A.D\CONFIRM.D
Acq On : 27 Jul 96 07:22 AM
Sample : VHB/ PG O8 1:5 DILUTION
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS
Quant Time: Aug 1 14:31 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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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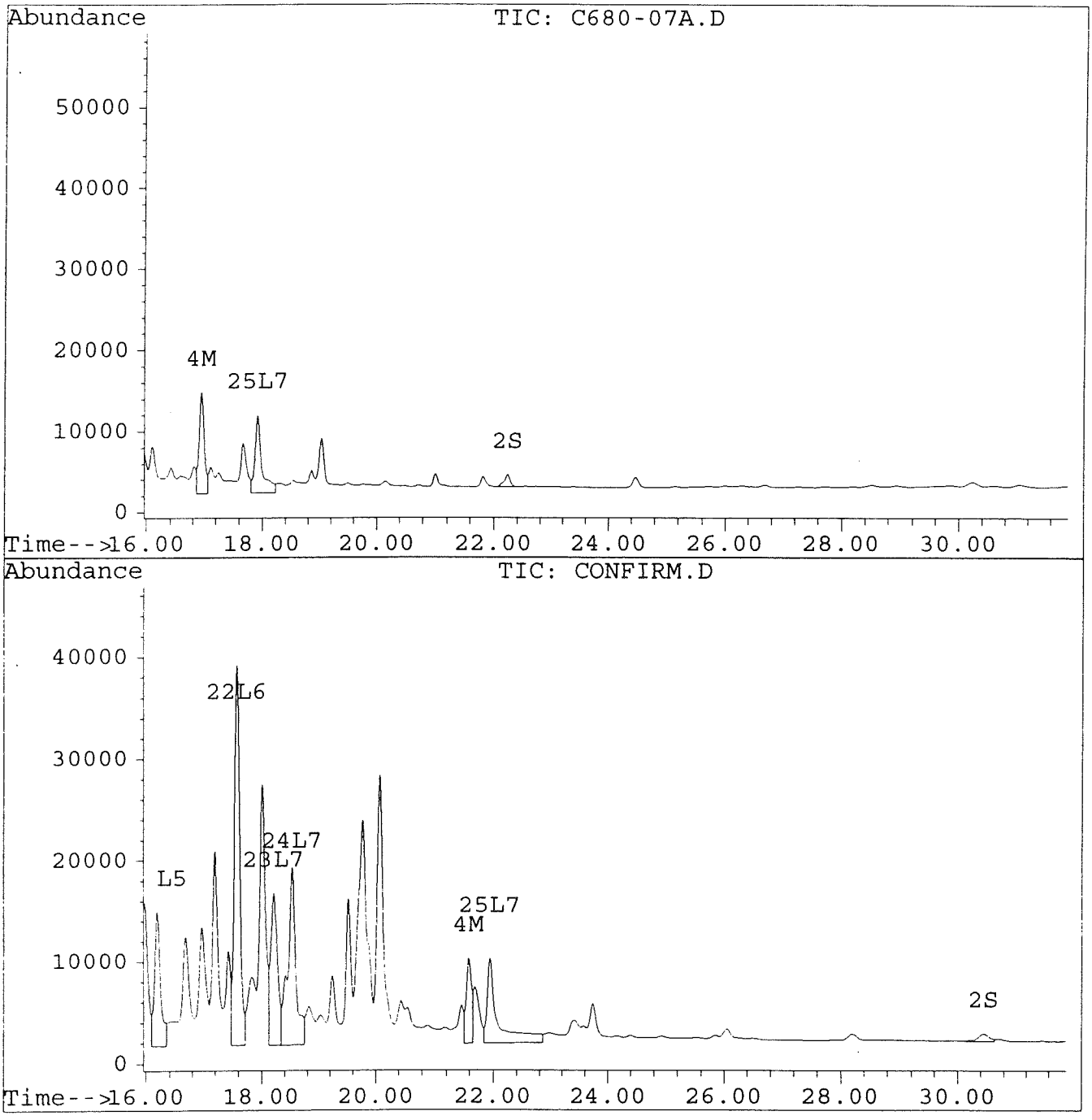
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-07A.D Vial: 53
Signal #2 : D:\HPCHEM\5\JL25\C680-07A.D\CONFIRM.D
Acq On : 27 Jul 96 07:22 AM Operator: JS
Sample : VHB/ PG O8 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:31 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL25\C680-08A.D Vial: 54
Signal #2 : D:\HPCHEM\5\JL25\C680-08A.D\CONFIRM.D
Acq On : 27 Jul 96 07:58 AM Operator: JS
Sample : VHB/ PG O12 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 87% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	1456	1276	0.007m	0.007m
					Recovery	=	17.50%	17.50%
2)	S	Decachlorobiphenyl	22.23	30.45	2219	808	0.011m	0.009
					Recovery	=	27.50%	22.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.67	47203	33272	0.425	0.352
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.59	7469	5150	0.042	0.037
5)	L1	Aroclor-1016	6.80	8.80	6752	1442	0.225	0.117 #
6)	L1	Aroclor-1016 {2}	8.93	10.33	12630	5762	0.808	0.228 #
7)	L1	Aroclor-1016 {3}	9.33	12.25	25151	4141	1.046	0.262 #
		Total Aroclor-1016			44533	11344	2.078	0.607
		Average Aroclor-1016					0.693	0.202
8)	L2	Aroclor-1221	0.00	8.02	0	571	N.D.	0.093 #
9)	L2	Aroclor-1221 {2}	5.51	8.57	485	941	0.083	0.193 #
10)	L2	Aroclor-1221 {3}	5.68	8.80	2605	1442	0.129	0.094 #
		Total Aroclor-1221			3089	2954	0.212	0.380
		Average Aroclor-1221					0.106	0.127
11)	L3	Aroclor-1232	5.68	8.80	2605	1442	0.143	0.101 #
12)	L3	Aroclor-1232 {2}	6.80	10.33	6752	5762	0.495	0.480
13)	L3	Aroclor-1232 {3}	8.61	12.25	5022	4141	0.607	0.597
		Total Aroclor-1232			14379	11344	1.244	1.177
		Average Aroclor-1232					0.415	0.392
14)	L4	Aroclor-1242	8.22	11.67	47203	33272	1.159	1.152
15)	L4	Aroclor-1242 {2}	8.93	12.25	12630	4141	1.037	0.330 #
16)	L4	Aroclor-1242 {3}	10.08	14.02	23095	17012	1.426	1.393
		Total Aroclor-1242			82928	54425	3.622	2.875
		Average Aroclor-1242					1.207	0.958
17)	L5	Aroclor-1248	9.33	14.97	25151	14946	0.815	0.681
18)	L5	Aroclor-1248 {2}	10.08	15.19	23095	16087	0.888	0.708
19)	L5	Aroclor-1248 {3}	11.38	16.19	27676	10449	0.814	0.595 #
		Total Aroclor-1248			75923	41482	2.517	1.985
		Average Aroclor-1248					0.839	0.662

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-08A.D Vial: 54
Signal #2 : D:\HPCHEM\5\JL25\C680-08A.D\CONFIRM.D
Acq On : 27 Jul 96 07:58 AM Operator: JS
Sample : VHB/ PG O12 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 87% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	17378	15055	0.593	0.621
21) L6	Aroclor-1254 {2}	13.43	15.72	28921	17041	0.707	0.639
22) L6	Aroclor-1254 {3}	15.81	17.58	22569	25884	0.740	0.695
Total	Aroclor-1254			68868	57979	2.039	1.955
Average	Aroclor-1254					0.680	0.652
23) L7	Aroclor-1260	13.92	18.21	13861	9036	0.439	0.320 #
24) L7	Aroclor-1260 {2}	14.71	18.53	12057	10993	0.326	0.338
25) L7	Aroclor-1260 {3}	17.91	21.95	5706	4722	0.110	0.097
Total	Aroclor-1260			31624	24751	0.875	0.756
Average	Aroclor-1260					0.292	0.252
26) L8	Aroclor-1268	18.85	0.00	1392	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	3998	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.81	0.00	1639	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR1242

~~1159~~ $\frac{2.196 \times 10}{0.0305 \times .87 \times .666} \times 5 = 6213$

6200

AR1254

$\frac{1.44 \times 10}{0.0305 \times .87 \times .666} \times 5 = 4074$

4000

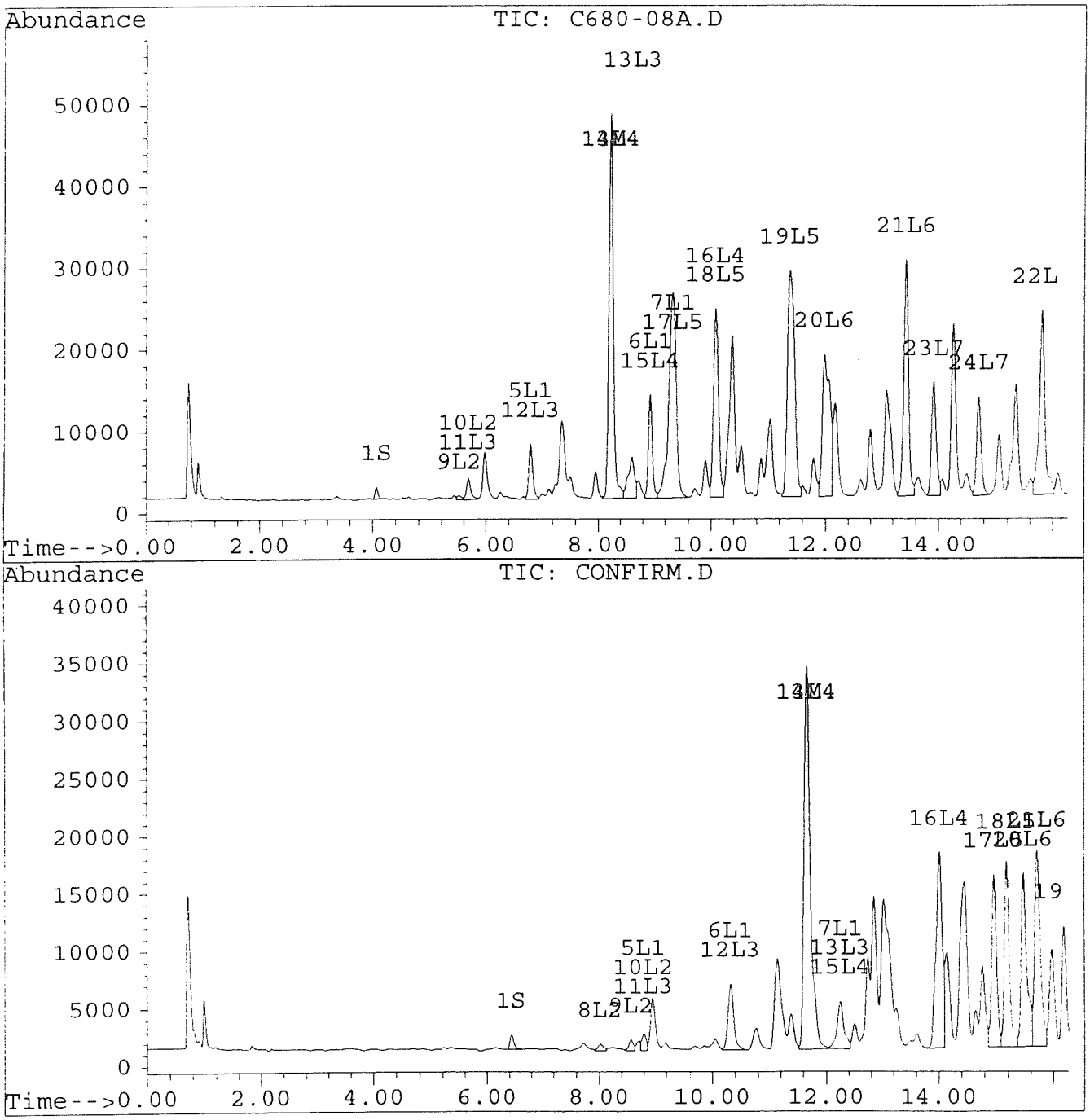
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-08A.D Vial: 54
Signal #2 : D:\HPCHEM\5\JL25\C680-08A.D\CONFIRM.D
Acq On : 27 Jul 96 07:58 AM Operator: JS
Sample : VHB/ PG O12 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 87% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



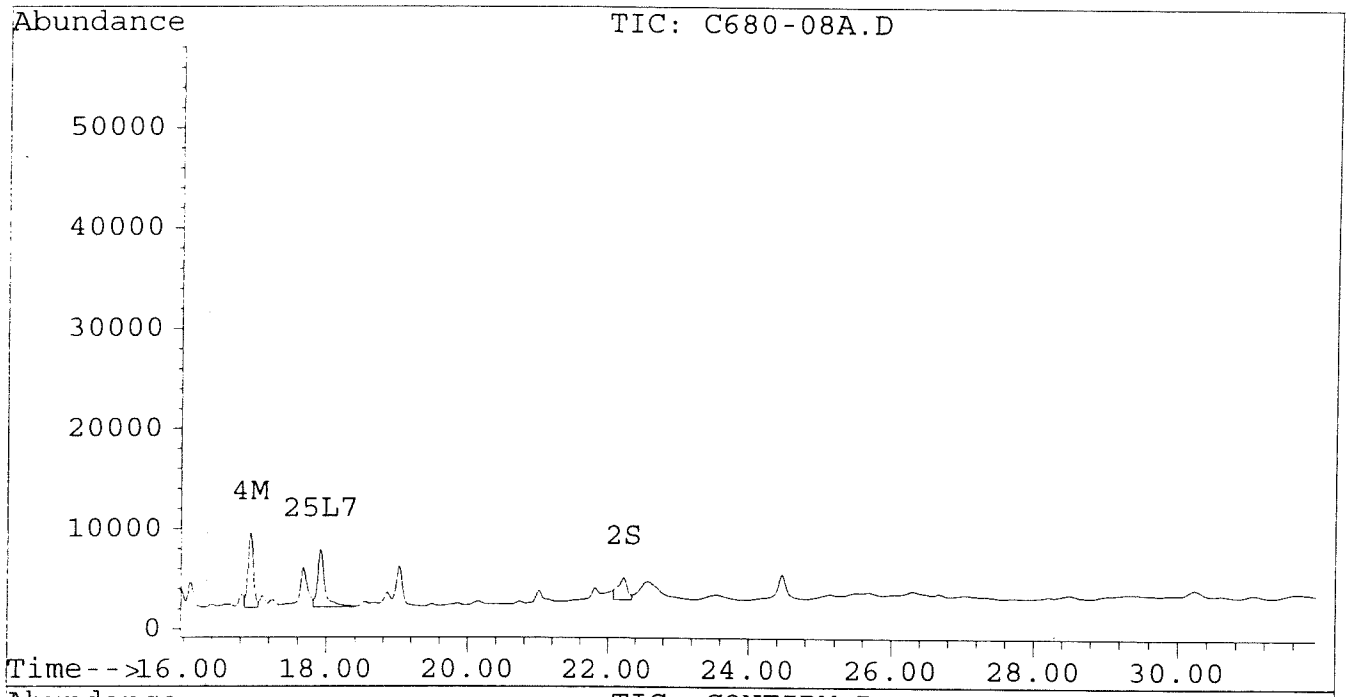
Quantitation Report

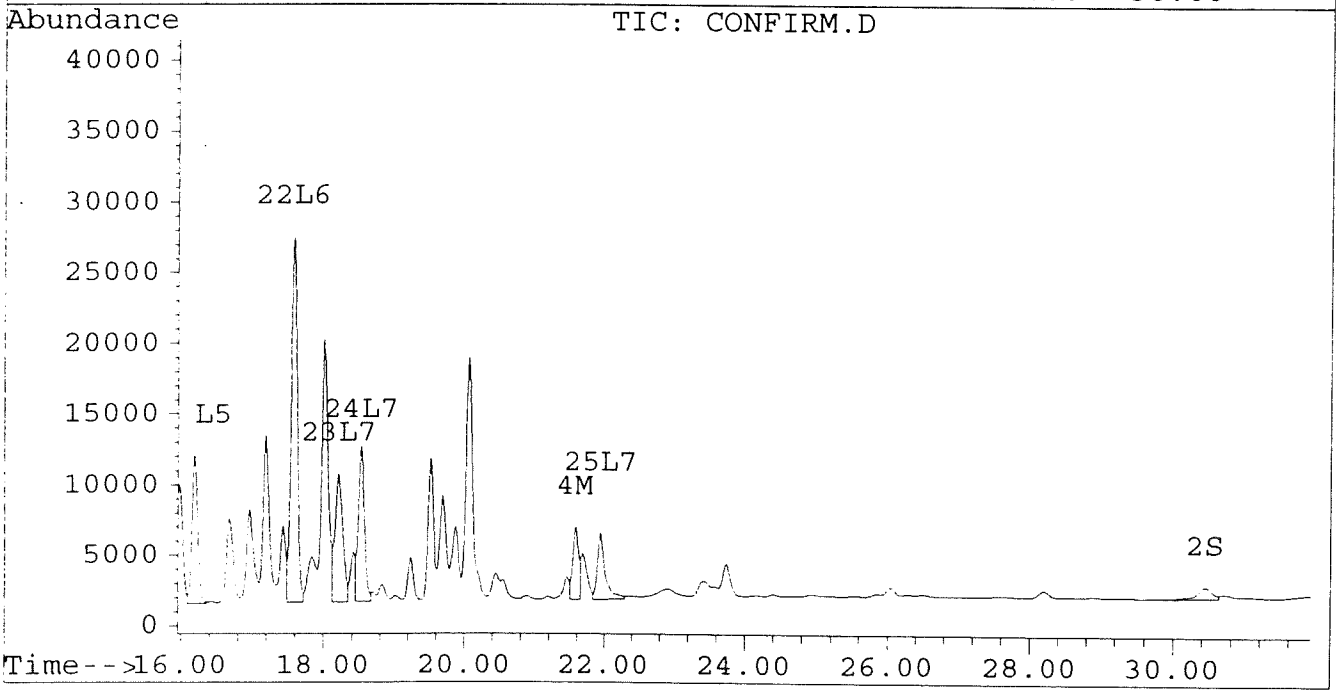
Signal #1 : D:\HPCHEM\5\JL25\C680-08A.D
Signal #2 : D:\HPCHEM\5\JL25\C680-08A.D\CONFIRM.D
Acq On : 27 Jul 96 07:58 AM
Sample : VHB/ PG O12 1:5 DILUTION
Misc : 30.5G/10ML 87% SOLID PCB ANALYSIS
Quant Time: Aug 1 14:32 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report P0680-09

Signal #1 : D:\HPCHEM\5\AU1\C680-11B.D
Signal #2 : D:\HPCHEM\5\AU1\C680-11B.D\CONFIRM.D
Acq On : 01 Aug 96 04:28 PM
Sample : VHB/ PG4 P4 1:40 DILUTION P680-09
Misc : 30.5G/10ML 86% SOLID PCB ANALYSIS
Quant Time: Aug 1 17:48 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	6.41f	320	1037	0.001	0.006 #
			Recovery	=	2.50%	15.00%
2) S Decachlorobiphenyl	22.11f	30.36f	1282	109	0.007m	0.001m#
			Recovery	=	17.50%	2.50%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.64	56138	31444	0.506	0.332 #
4) M 2,2',3,3',4,4'-Hexa	16.91	21.54	4931	2612	0.028	0.019 #
5) L1 Aroclor-1016	6.78	0.00	11192	0	0.372	N.D. #
6) L1 Aroclor-1016 {2}	8.90f	10.29f	12379	8524	0.792	0.338 #
7) L1 Aroclor-1016 {3}	9.30f	0.00	21216	0	0.882	N.D. #
Total Aroclor-1016			44788	8524	2.046	0.338
Average Aroclor-1016					0.682	0.338
8) L2 Aroclor-1221	5.06	7.99	231	265	0.033	0.043 #
9) L2 Aroclor-1221 {2}	5.49	8.53	470	662	0.080	0.136 #
10) L2 Aroclor-1221 {3}	5.66	0.00	9911	0	0.490	N.D. #
Total Aroclor-1221			10611	927	0.604	0.179
Average Aroclor-1221					0.201	0.090
11) L3 Aroclor-1232	5.66	0.00	9911	0	0.543	N.D. #
12) L3 Aroclor-1232 {2}	6.78	10.29	11192	8524	0.820	0.710
13) L3 Aroclor-1232 {3}	8.58	0.00	6996	0	0.845	N.D. #
Total Aroclor-1232			28099	8524	2.209	0.710
Average Aroclor-1232					0.736	0.710
14) L4 Aroclor-1242	8.20	11.64	56138	31444	1.378	1.089
15) L4 Aroclor-1242 {2}	8.90	0.00	12379	0	1.017	N.D. #
16) L4 Aroclor-1242 {3}	10.05	0.00	18224	0	1.125	N.D. #
Total Aroclor-1242			86740	31444	3.520	1.089
Average Aroclor-1242					1.173	1.089
17) L5 Aroclor-1248	9.30	14.93	21216	11385	0.687	0.519
18) L5 Aroclor-1248 {2}	10.05	15.15	18224	11419	0.700	0.503 #
19) L5 Aroclor-1248 {3}	0.00	16.15	0	7096	N.D.	0.404 #
Total Aroclor-1248			39440	29899	1.388	1.426
Average Aroclor-1248					0.694	0.475

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\C680-11B.D Vial: 30
Signal #2 : D:\HPCHEM\5\AU1\C680-11B.D\CONFIRM.D
Acq On : 01 Aug 96 04:28 PM Operator: JS
Sample : VHB/ PG4 P4 1:40 DILUTION P680-09 Inst : ECD1
Misc : 30.5G/10ML 86% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.44	12582	10926	0.429	0.450
21) L6 Aroclor-1254 {2}	13.40	15.68	18661	11795	0.456	0.442
22) L6 Aroclor-1254 {3}	15.79	17.54f	13671	16286	0.448	0.438
Total Aroclor-1254			44914	39007	1.333	1.330
Average Aroclor-1254					0.444	0.443
23) L7 Aroclor-1260	13.96	18.17f	19956	6160	0.632	0.218 #
24) L7 Aroclor-1260 {2}	14.68f	18.49f	8011	6565	0.217	0.202
25) L7 Aroclor-1260 {3}	17.88f	21.91f	3564	2431	0.069	0.050 #
Total Aroclor-1260			31531	15156	0.918	0.470
Average Aroclor-1260					0.306	0.157
26) L8 Aroclor-1268	18.83	0.00	1127	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	2732	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78	28.11	3856	370	NoCal	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{2.132 \times 10}{0.0305 \times .86 \times .666} \times 40 \times 20$ 48,817

1200

48

AR1254

$\frac{0.904 \times 10}{0.0305 \times .86 \times .666} \times 40 = 20,699$

21,000

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

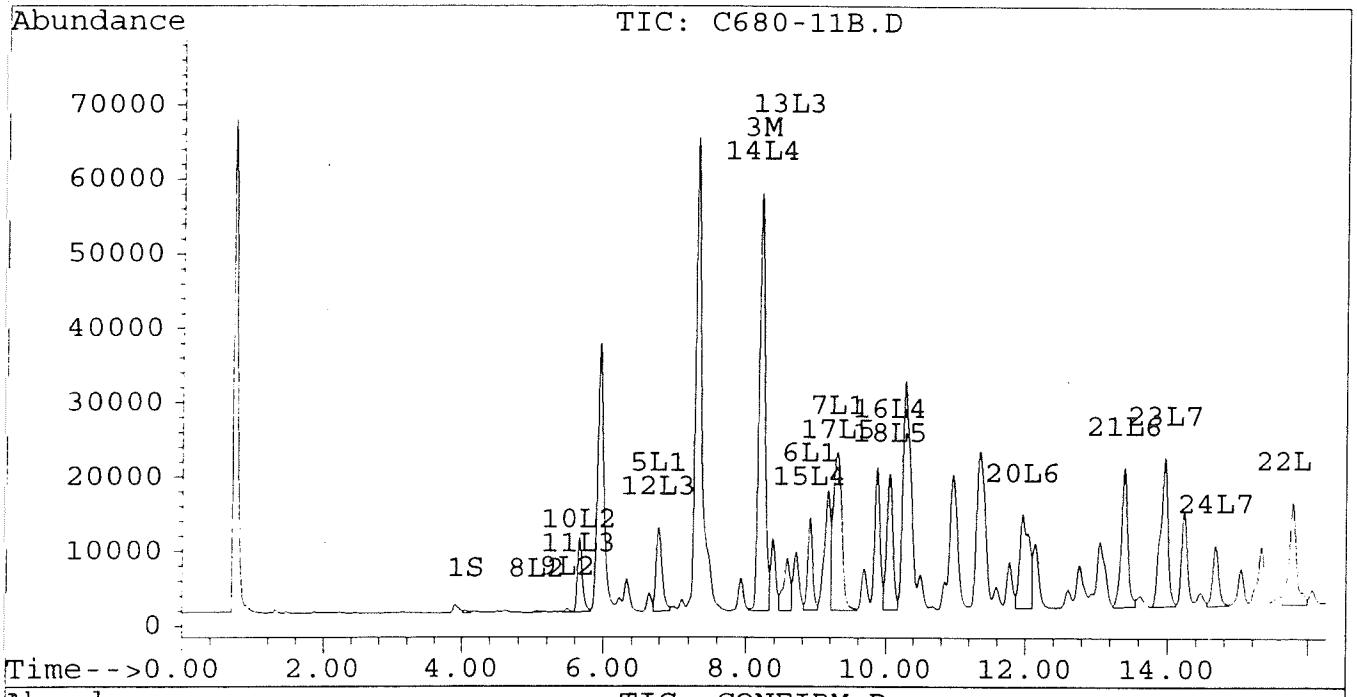
Quantitation Report

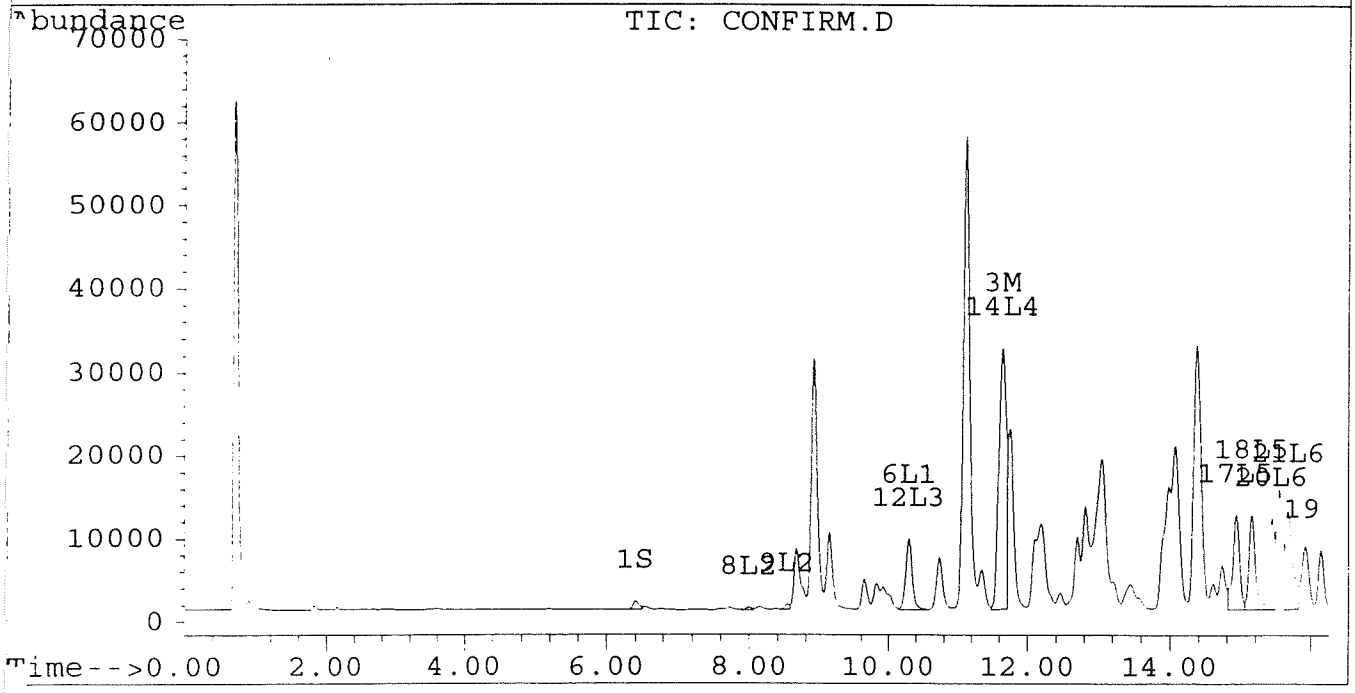
Signal #1 : D:\HPCHEM\5\AU1\C680-11B.D
Signal #2 : D:\HPCHEM\5\AU1\C680-11B.D\CONFIRM.D
Acq On : 01 Aug 96 04:28 PM
Sample : VHB/ PG4 P4 1:40 DILUTION P680-09
Misc : 30.5G/10ML 86% SOLID PCB ANALYSIS
Quant Time: Aug 1 17:48 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





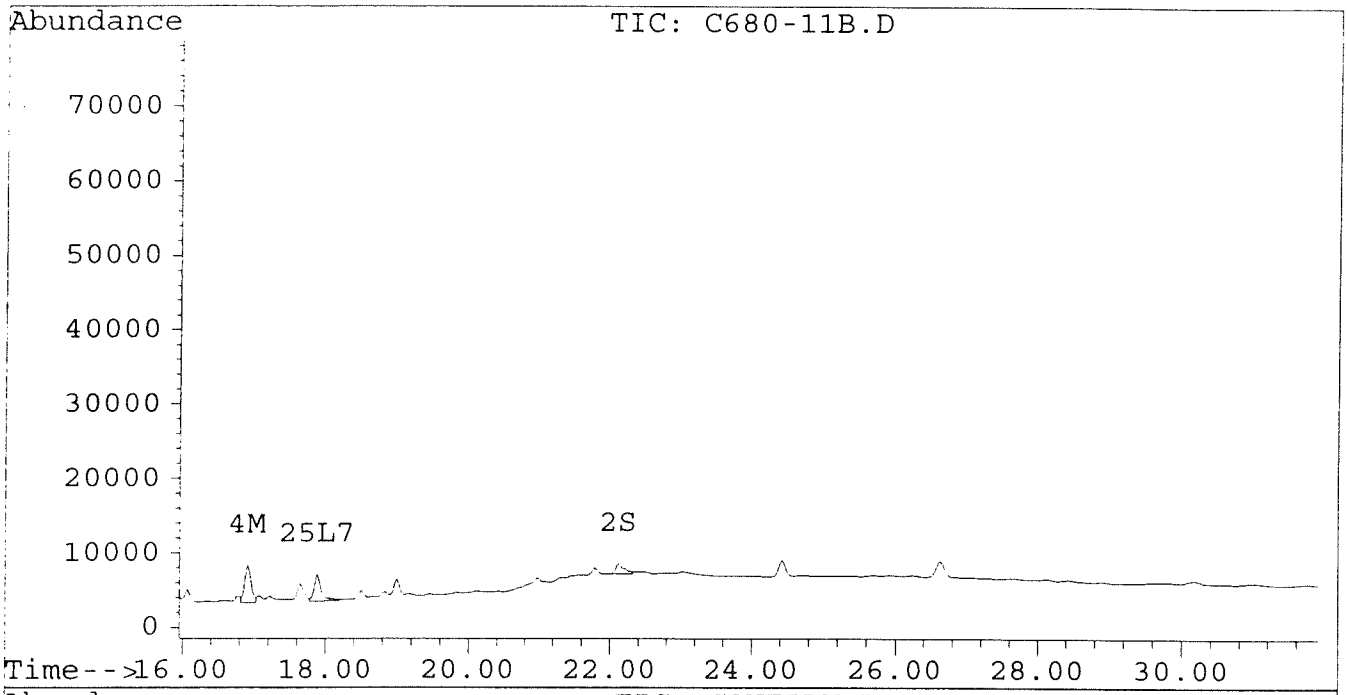
Quantitation Report

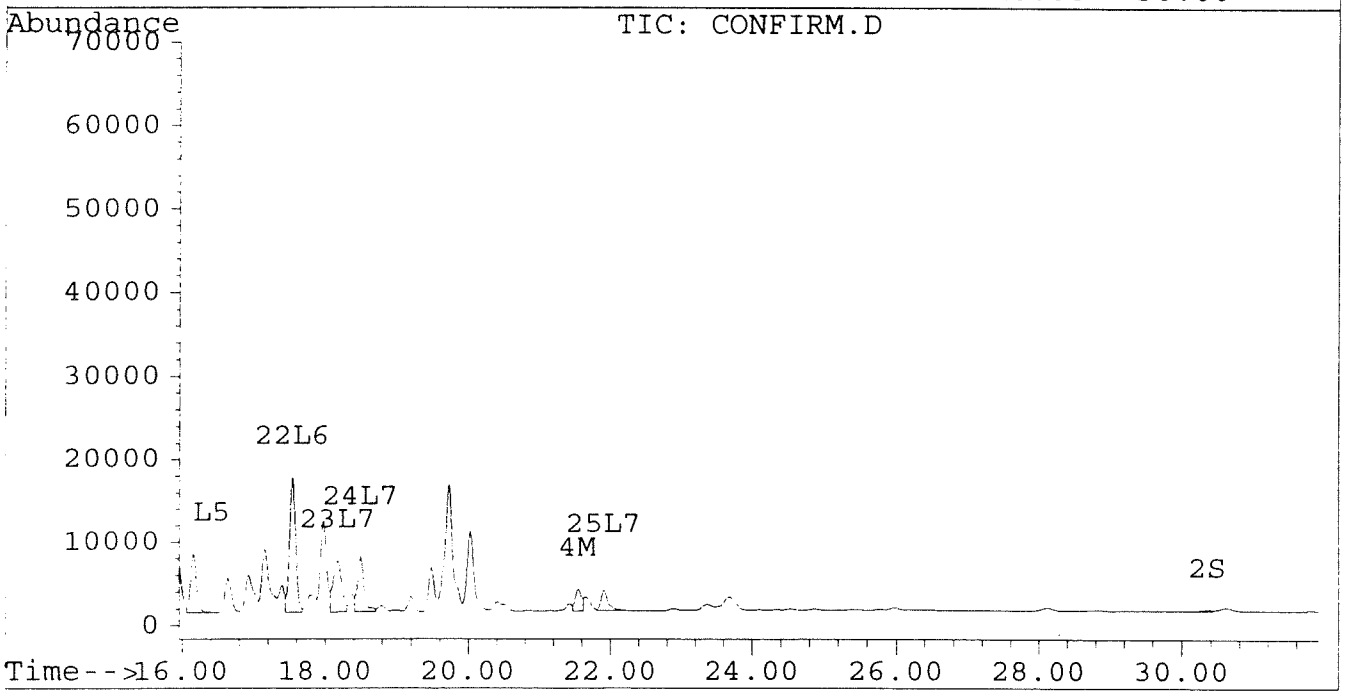
Signal #1 : D:\HPCHEM\5\AU1\C680-11B.D
Signal #2 : D:\HPCHEM\5\AU1\C680-11B.D\CONFIRM.D
Acq On : 01 Aug 96 04:28 PM
Sample : VHB/ PG4 P4 1:40 DILUTION P680-09
Misc : 30.5G/10ML 86% SOLID PCB ANALYSIS
Quant Time: Aug 1 17:48 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-10A.D Vial: 56
Signal #2 : D:\HPCHEM\5\JL25\C680-10A.D\CONFIRM.D
Acq On : 27 Jul 96 09:09 AM Operator: JS
Sample : VHB/ PG P7 1:2 DILUTION Inst : ECD1
Misc : 30.5G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	3920	3377	0.018m	0.019m
				Recovery	=	45.00%	47.50%
2) S	Decachlorobiphenyl	0.00	30.45	0	2420	N.D.	0.028m#
				Recovery	=	0.00%	70.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.67	46689	31487	0.420	0.333
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	6757	4585	0.038	0.033
5) L1	Aroclor-1016	6.80	8.80	8243	1670	0.274	0.135 #
6) L1	Aroclor-1016 {2}	8.93	10.33	13091	7026	0.837	0.278 #
7) L1	Aroclor-1016 {3}	9.33	12.24	24500	5552	1.019	0.351 #
Total	Aroclor-1016			45834	14248	2.130	0.764
Average	Aroclor-1016					0.710	0.255
8) L2	Aroclor-1221	0.00	8.02	0	764	N.D.	0.125 #
9) L2	Aroclor-1221 {2}	5.51	8.57	478	1871	0.082	0.384 #
10) L2	Aroclor-1221 {3}	5.68	8.80	3992	1670	0.198	0.109 #
Total	Aroclor-1221			4470	4306	0.280	0.617
Average	Aroclor-1221					0.140	0.206
11) L3	Aroclor-1232	5.68	8.80	3992	1670	0.219	0.117 #
12) L3	Aroclor-1232 {2}	6.80	10.33	8243	7026	0.604	0.585
13) L3	Aroclor-1232 {3}	8.61	12.24	6086	5552	0.735	0.801
Total	Aroclor-1232			18321	14248	1.558	1.502
Average	Aroclor-1232					0.519	0.501
14) L4	Aroclor-1242	8.22	11.67	46689	31487	1.146	1.090
15) L4	Aroclor-1242 {2}	8.93	12.24	13091	5552	1.075	0.443 #
16) L4	Aroclor-1242 {3}	10.08	14.02	22610	16634	~~1.396~~	1.362
Total	Aroclor-1242			82389	53673	~~3.617~~ 3.36	2.895
Average	Aroclor-1242					1.206	0.965
17) L5	Aroclor-1248	9.33	14.97	24500	14438	0.794	0.658
18) L5	Aroclor-1248 {2}	10.08	15.18	22610	15938	0.869	0.702
19) L5	Aroclor-1248 {3}	11.38	16.19	27048	10389	0.796	0.592 #
Total	Aroclor-1248			74157	40764	2.458	1.951
Average	Aroclor-1248					0.819	0.650

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-10A.D
Signal #2 : D:\HPCHEM\5\JL25\C680-10A.D\CONFIRM.D
Acq On : 27 Jul 96 09:09 AM
Sample : VHB/ PG P7 1:2 DILUTION
Misc : 30.5G/10ML 94% SOLID PCB ANALYSIS
Quant Time: Aug 1 14:50 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	15.48	16246	13874	~~0.554~~	0.572
21) L6	Aroclor-1254 {2}	13.42	15.72	25503	15214	0.623	0.570
22) L6	Aroclor-1254 {3}	15.81	17.58	19536	21559	0.641	0.579
Total	Aroclor-1254			61285	50647	~~1.818~~ 1.915	1.722
Average	Aroclor-1254					~~0.606~~	0.574
23) L7	Aroclor-1260	13.92	18.21	12547	8237	0.398	0.292
24) L7	Aroclor-1260 {2}	14.70	18.53	10866	9619	0.294	0.296
25) L7	Aroclor-1260 {3}	17.91	21.95	10189	4594	0.196	0.095 #
Total	Aroclor-1260			33601	22450	0.888	0.682
Average	Aroclor-1260					0.296	0.227
26) L8	Aroclor-1268	18.85	0.00	1760	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	3915	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.81	0.00	3780	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

1300 ug/kg

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-10A.D
Signal #2 : D:\HPCHEM\5\JL25\C680-10A.D\CONFIRM.D
Acq On : 27 Jul 96 09:09 AM
Sample : VHB/ PG P7 1:2 DILUTION
Misc : 30.5G/10ML 94% SOLID PCB ANALYSIS
Quant Time: Aug 1 14:50 1996

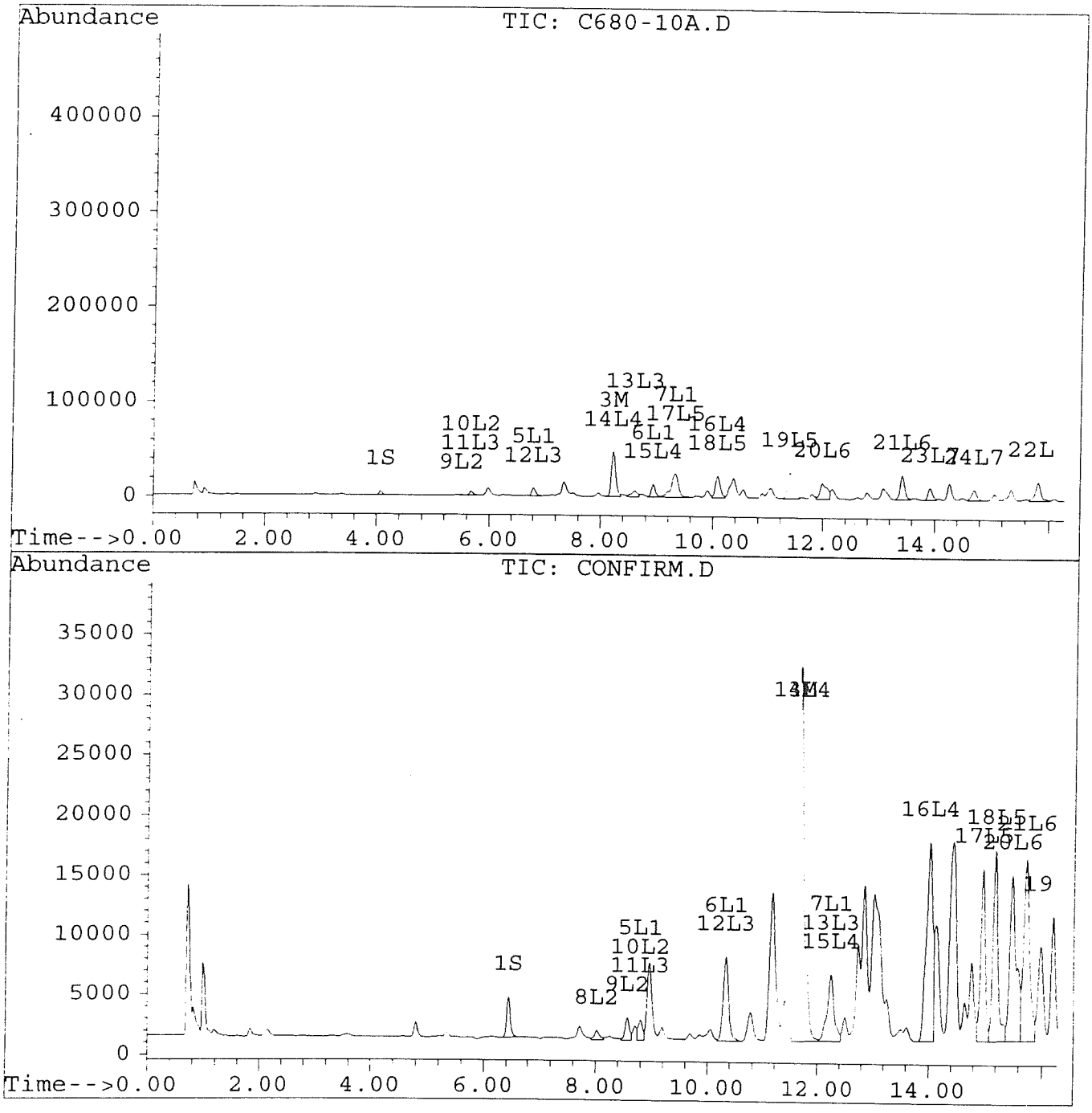
Vial: 56

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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

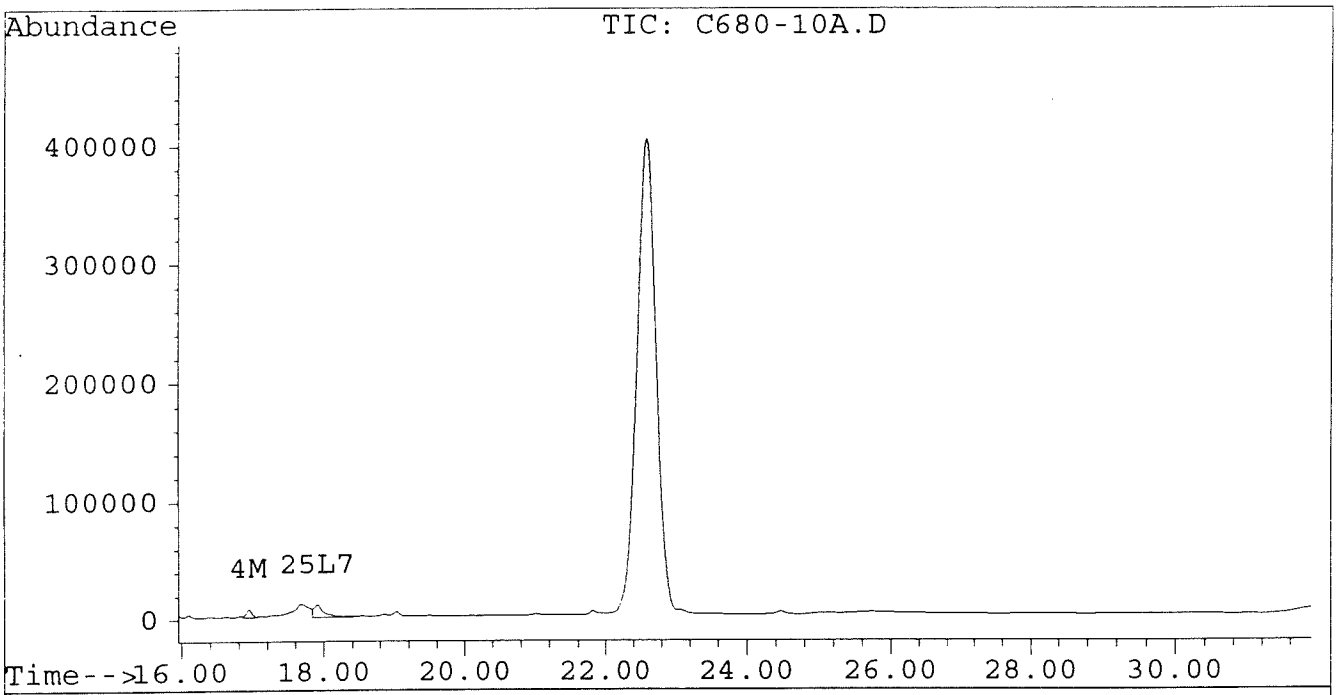


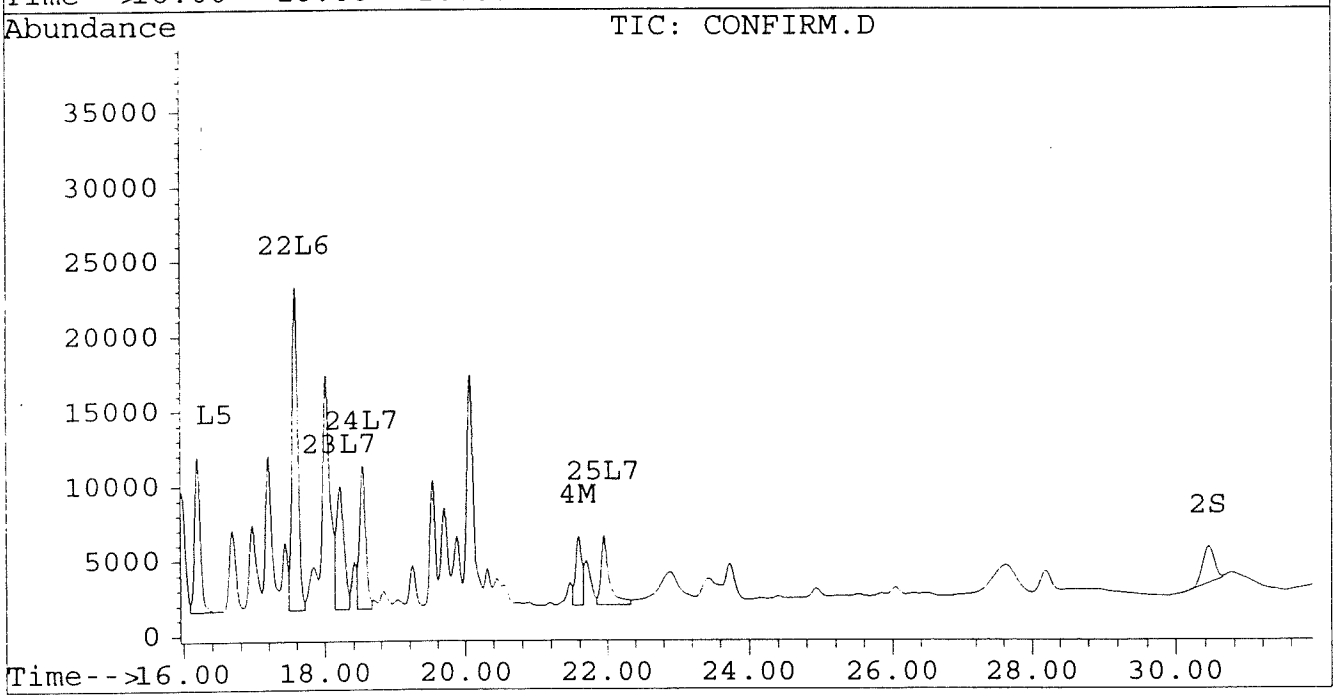
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-10A.D Vial: 56
Signal #2 : D:\HPCHEM\5\JL25\C680-10A.D\CONFIRM.D
Acq On : 27 Jul 96 09:09 AM Operator: JS
Sample : VHB/ PG P7 1:2 DILUTION Inst : ECD1
Misc : 30.5G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





110

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\C680-09C.D C0680-11
Signal #2 : D:\HPCHEM\5\AU1\C680-09C.D\CONFIRM.D
Acq On : 01 Aug 96 05:03 PM
Sample : VHB/ PG4 P10 1:20 **PC680-11**
Misc : 30.1G/10ML 93% SOLID PCB ANALYSIS
Quant Time: Aug 1 17:49 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	6.41	281	265	0.001	0.002m
				Recovery	=	2.50%	5.00%
2) S	Decachlorobiphenyl	0.00	30.36f	0	101	N.D.	0.001m#
				Recovery	=	0.00%	2.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.19	11.64	30445	22979	0.274	0.243
4) M	2,2',3,3',4,4'-Hexa	16.91	21.55	3702	2106	0.021	0.015 #
5) L1	Aroclor-1016	6.78	8.77	4921	961	0.164	0.078 #
6) L1	Aroclor-1016 {2}	8.91	10.30	9061	4556	0.579	0.181 #
7) L1	Aroclor-1016 {3}	9.30f	12.22f	17291	3021	0.719	0.191 #
Total	Aroclor-1016			31272	8538	1.462	0.449
Average	Aroclor-1016					0.487	0.150
8) L2	Aroclor-1221	5.07	7.99	112	288	0.016	0.047 #
9) L2	Aroclor-1221 {2}	5.49	8.54	214	694	0.037	0.142 #
10) L2	Aroclor-1221 {3}	5.65	8.77	1675	961	0.083	0.063
Total	Aroclor-1221			2001	1943	0.136	0.252
Average	Aroclor-1221					0.045	0.084
11) L3	Aroclor-1232	5.65	8.77	1675	961	0.092	0.067 #
12) L3	Aroclor-1232 {2}	6.78	10.30	4921	4556	0.361	0.379
13) L3	Aroclor-1232 {3}	8.58	12.22f	3738	3021	0.452	0.436
Total	Aroclor-1232			10333	8538	0.904	0.882
Average	Aroclor-1232					0.301	0.294
14) L4	Aroclor-1242	8.19	11.64	30445	22979	0.747	0.796
15) L4	Aroclor-1242 {2}	8.91	12.22	9061	3021	0.744	0.241 #
16) L4	Aroclor-1242 {3}	10.05	13.98	15143	11866	0.935	0.972
Total	Aroclor-1242			54649	37866	2.426	2.008
Average	Aroclor-1242					0.809	0.669
17) L5	Aroclor-1248	9.30	14.93	17291	9805	0.560	0.447
18) L5	Aroclor-1248 {2}	10.05	15.15	15143	10534	0.582	0.464
19) L5	Aroclor-1248 {3}	0.00	16.15	0	6644	N.D.	0.378 #
Total	Aroclor-1248			32433	26983	1.142	1.289
Average	Aroclor-1248					0.571	0.430

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\C680-09C.D
Signal #2 : D:\HPCHEM\5\AU1\C680-09C.D\CONFIRM.D
Acq On : 01 Aug 96 05:03 PM
Sample : VHB/ PG4 P10 1:20 PC680-11
Misc : 30.1G/10ML 93% SOLID PCB ANALYSIS
Quant Time: Aug 1 17:49 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	15.44	9976	8859	0.340	0.365
21) L6 Aroclor-1254 {2}	13.40	15.69	14584	9464	0.356	0.355
22) L6 Aroclor-1254 {3}	15.79	17.54	10497	13102	0.344	0.352
Total Aroclor-1254			35057	31426	1.041	1.072
Average Aroclor-1254					0.347	0.357
23) L7 Aroclor-1260	13.89f	18.17f	7287	4595	0.231	0.163 #
24) L7 Aroclor-1260 {2}	14.68	18.49f	6355	5263	0.172	0.162
25) L7 Aroclor-1260 {3}	17.88f	21.91f	3380	2258	0.065	0.047 #
Total Aroclor-1260			17022	12116	0.468	0.371
Average Aroclor-1260					0.156	0.124
26) L8 Aroclor-1268	18.83f	0.00	868	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	2202	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.79	28.11	3427	197	NoCal	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$$\frac{1.491 \times 10}{0.0301 \times .93 \times .666} \times 20 = 15994$$

16000

AR1254

$$\frac{0.700 \times 10}{0.0301 \times .93 \times .666} \times 20 = 7509$$

7500

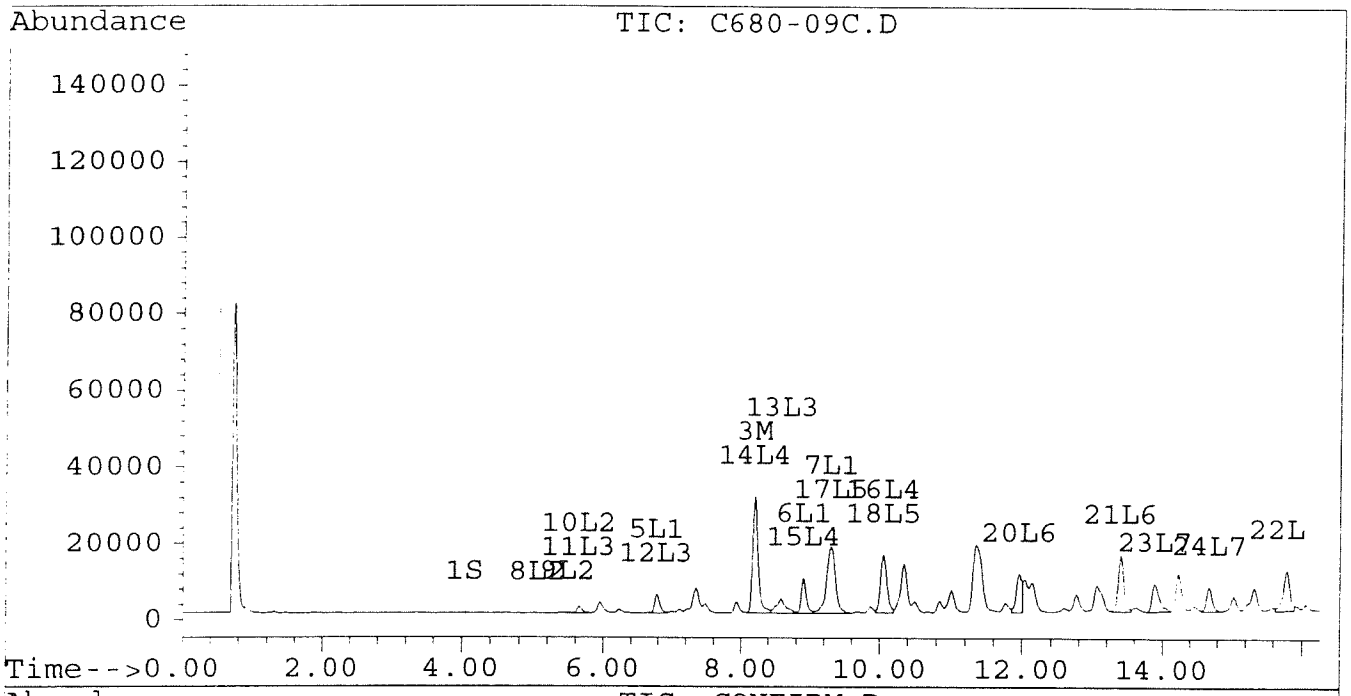
Quantitation Report

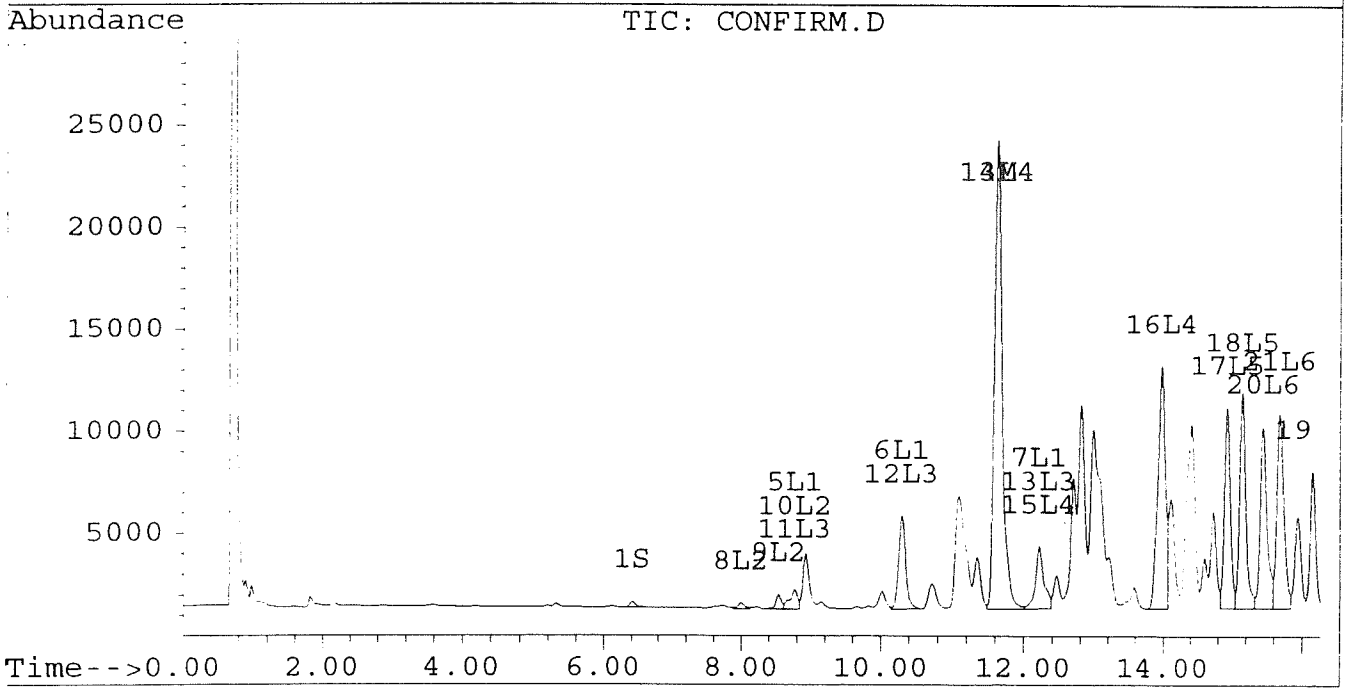
Signal #1 : D:\HPCHEM\5\AU1\C680-09C.D
Signal #2 : D:\HPCHEM\5\AU1\C680-09C.D\CONFIRM.D
Acq On : 01 Aug 96 05:03 PM
Sample : VHB/ PG4 P10 1:20 PC680-11
Misc : 30.1G/10ML 93% SOLID PCB ANALYSIS
Quant Time: Aug 1 17:49 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





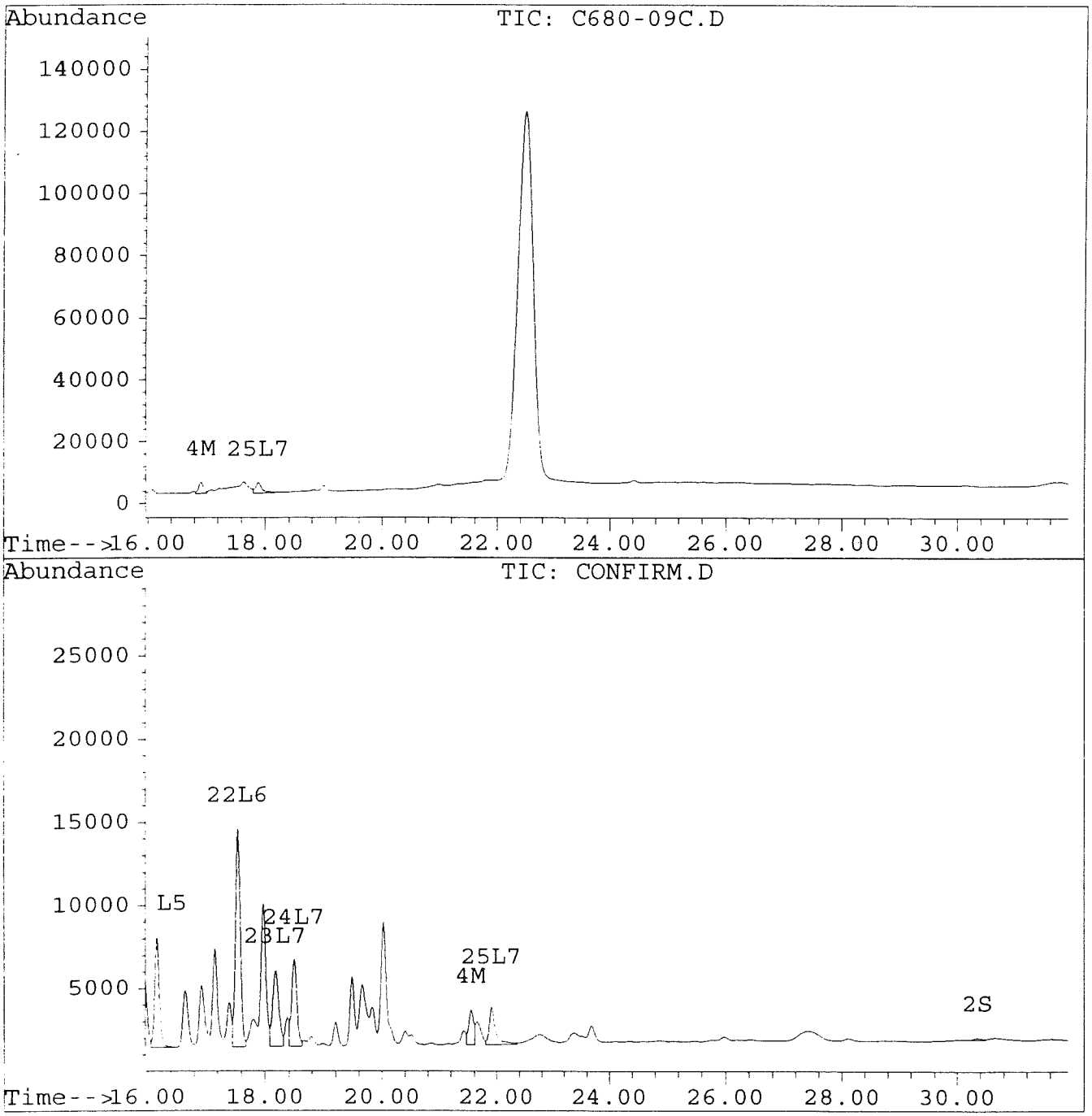
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\C680-09C.D
Signal #2 : D:\HPCHEM\5\AU1\C680-09C.D\CONFIRM.D
Acq On : 01 Aug 96 05:03 PM
Sample : VHB/ PG4 P10 1:20 PC680-11
Misc : 30.1G/10ML 93% SOLID PCB ANALYSIS
Quant Time: Aug 1 17:49 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-12B.D Vial: 20
Signal #2 : D:\HPCHEM\5\JL29A\C680-12B.D\CONFIRM.D
Acq On : 30 Jul 96 08:29 AM Operator: JS
Sample : VHB/ PG Q1 1:100 DILUTION Inst : ECD1
Misc : 30.4G/10ML 86% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 30 9:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	33358	26596	1.137	1.096
21) L6	Aroclor-1254 {2}	13.42	15.72	52628	30077	1.286	1.128
22) L6	Aroclor-1254 {3}	15.81	17.58	41808	46967	1.371	1.262
Total	Aroclor-1254			127794	103640	3.794	3.486
Average	Aroclor-1254					1.265	1.162
					152,596	3.363	39000 ug/kg
23) L7	Aroclor-1260	13.92	18.21	23364	16161	0.740	0.573
24) L7	Aroclor-1260 {2}	14.70	18.53	22435	19442	0.607	0.598
25) L7	Aroclor-1260 {3}	17.91	21.95	7835	7145	0.151	0.147
Total	Aroclor-1260			53634	42748	1.498	1.318
Average	Aroclor-1260					0.499	0.439
26) L8	Aroclor-1268	18.84	0.00	1594	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	5448	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.81	0.00	1289	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

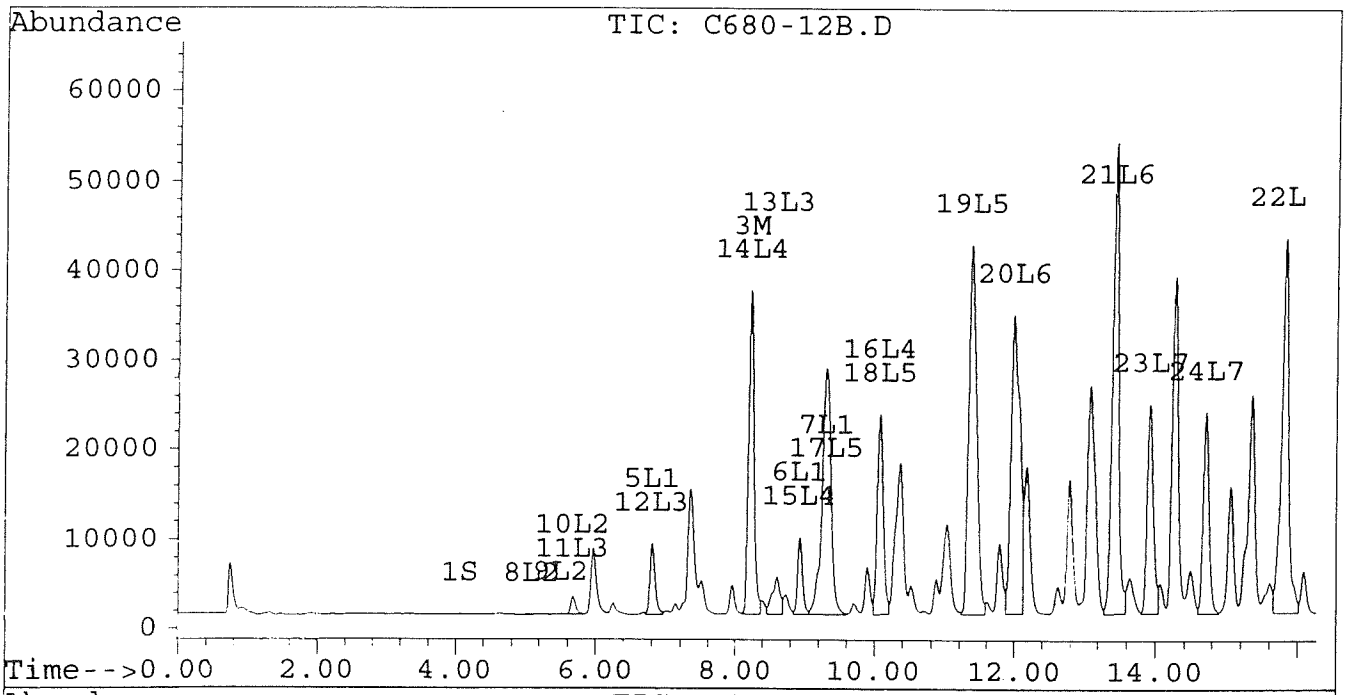
Quantitation Report

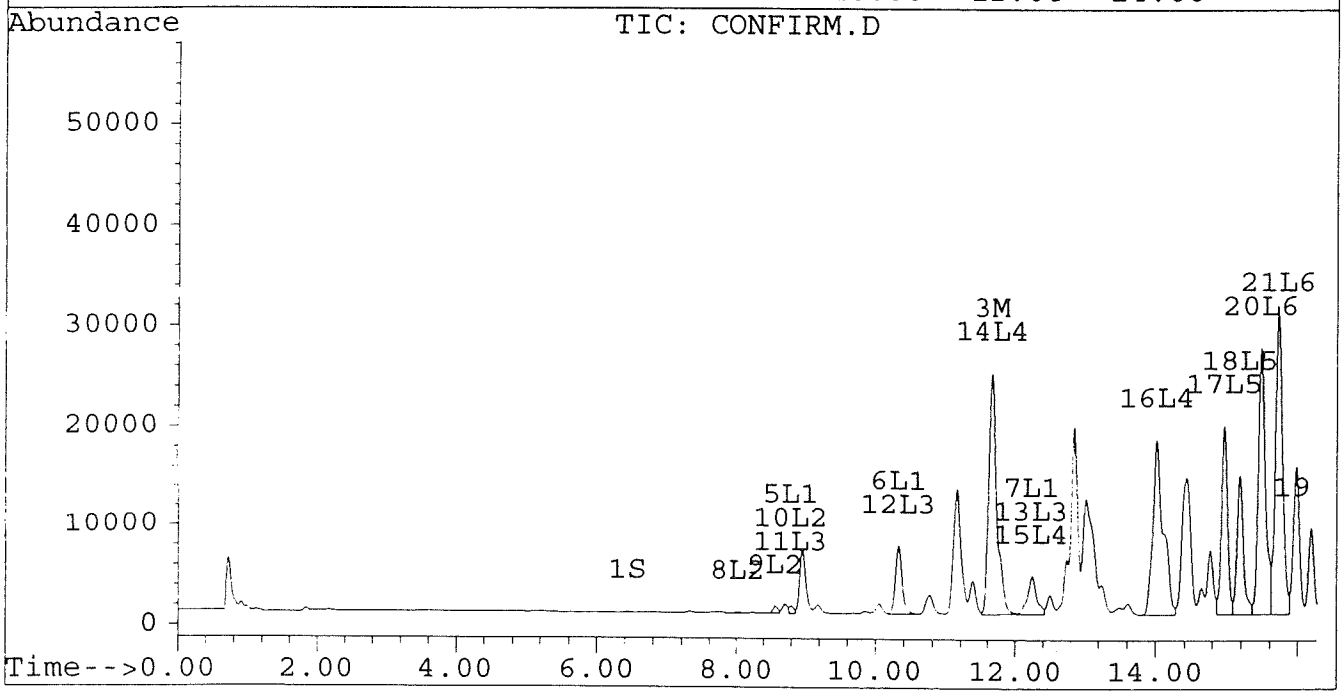
Signal #1 : D:\HPCHEM\5\JL29A\C680-12B.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-12B.D\CONFIRM.D
Acq On : 30 Jul 96 08:29 AM
Sample : VHB/ PG Q1 1:100 DILUTION
Misc : 30.4G/10ML 86% SOLID PCB ANALYSIS
Quant Time: Jul 30 9:03 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



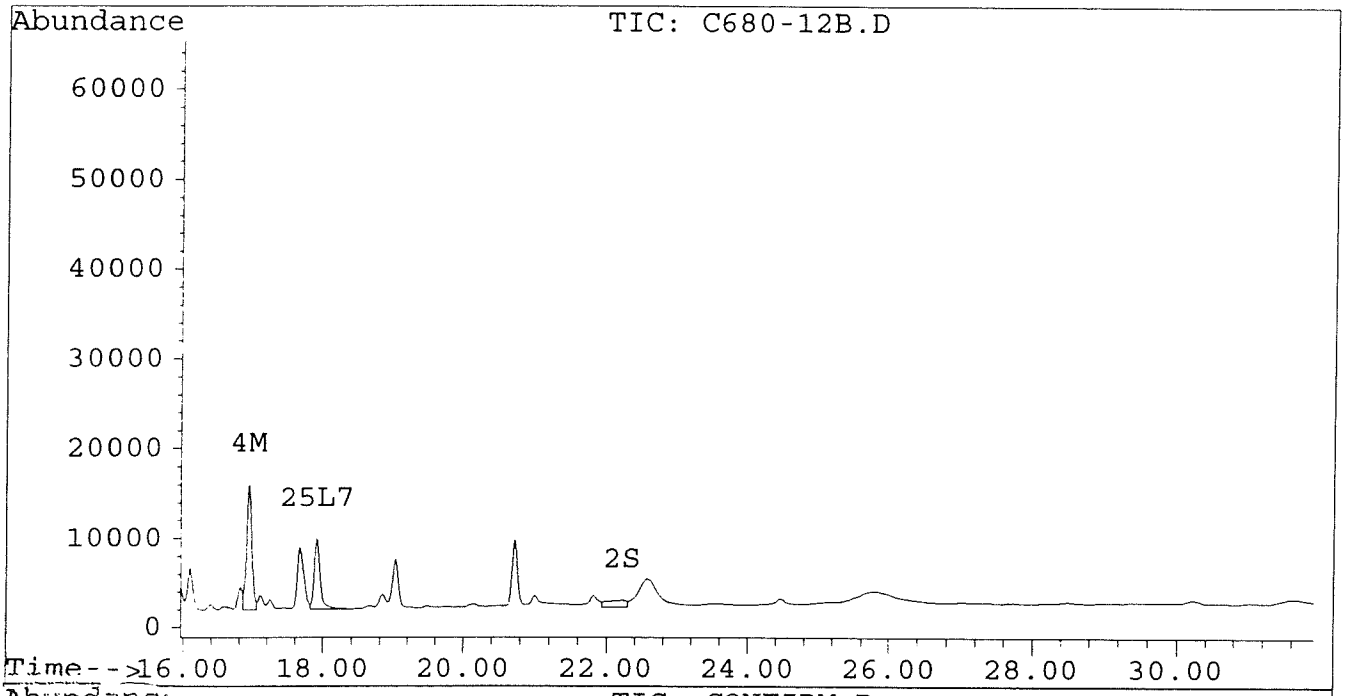


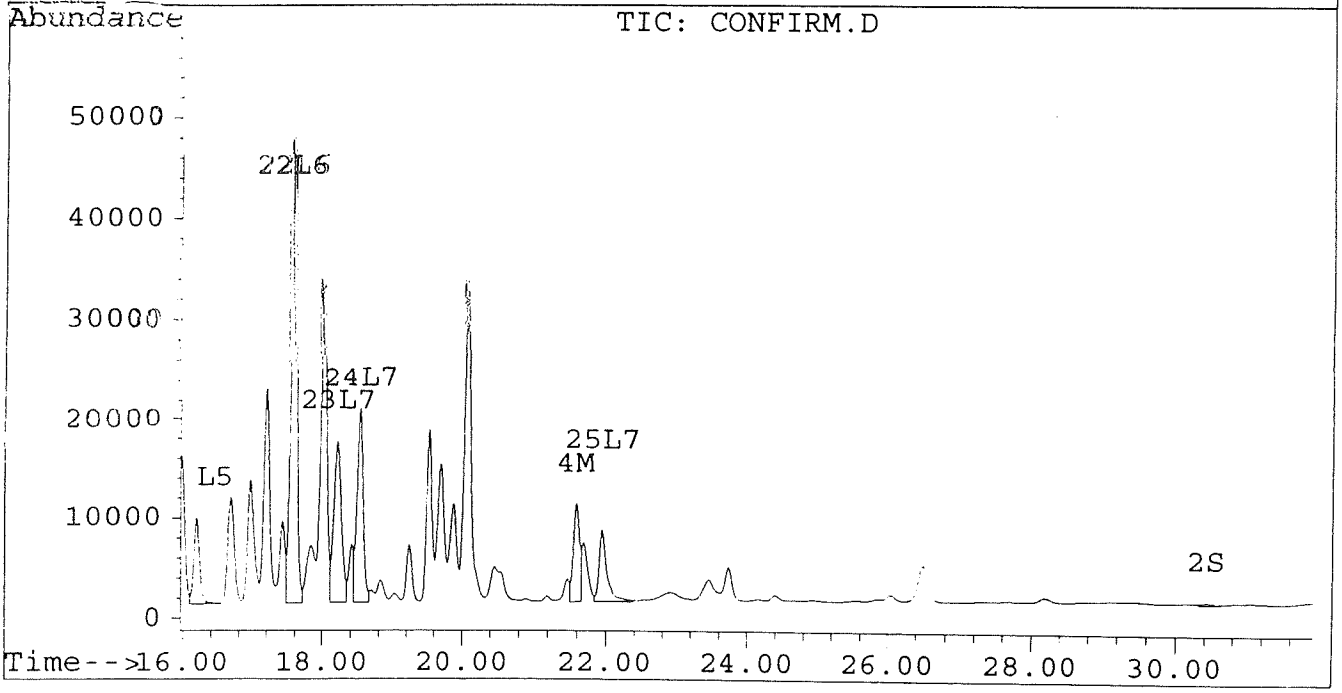
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-12B.D Vial: 20
Signal #2 : D:\HPCHEM\5\JL29A\C680-12B.D\CONFIRM.D
Acq On : 30 Jul 96 08:29 AM Operator: JS
Sample : VHB/ PG Q1 1:100 DILUTION Inst : ECD1
Misc : 30.4G/10ML 86% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 30 9:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL29A\C680-13B.D Vial: 21
Signal #2 : D:\HPCHEM\5\JL29A\C680-13B.D\CONFIRM.D
Acq On : 30 Jul 96 09:05 AM Operator: JS
Sample : VHB/ PG Q4 1:40 DILUTION Inst : ECD1
Misc : 30.4G/10ML 85% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.07	6.44	238	244	0.001	0.001	#
					Recovery	=	2.50%	2.50%	
2)	S	Decachlorobiphenyl	22.14f	0.00	1939	0	0.010m	N.D.	#
					Recovery	=	25.00%	0.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.67	52167	35637	0.470	0.377	
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.59	6511	4351	0.036	0.032	
5)	L1	Aroclor-1016	6.80	8.80	9779	1910	0.325	0.155	#
6)	L1	Aroclor-1016 {2}	8.93	10.33	15264	8493	0.976	0.337	#
7)	L1	Aroclor-1016 {3}	9.33	12.25	26972	5985	1.122	0.378	#
		Total Aroclor-1016			52015	16388	2.423	0.869	
		Average Aroclor-1016					0.808	0.290	
8)	L2	Aroclor-1221	5.09	8.02	231	673	0.033	0.110	#
9)	L2	Aroclor-1221 {2}	5.51	8.57	481	947	0.082	0.194	#
10)	L2	Aroclor-1221 {3}	5.68	8.80	3605	1910	0.178	0.124	#
		Total Aroclor-1221			4316	3531	0.294	0.429	
		Average Aroclor-1221					0.098	0.143	
11)	L3	Aroclor-1232	5.68	8.80	3605	1910	0.198	0.133	#
12)	L3	Aroclor-1232 {2}	6.80	10.33	9779	8493	0.717	0.707	
13)	L3	Aroclor-1232 {3}	8.61	12.25	6981	5985	0.843	0.863	
		Total Aroclor-1232			20365	16388	1.758	1.703	
		Average Aroclor-1232					0.586	0.568	
14)	L4	Aroclor-1242	8.22	11.67	52167	35637	1.280	1.234	
15)	L4	Aroclor-1242 {2}	8.93	12.25	15264	5985	1.253	0.477	#
16)	L4	Aroclor-1242 {3}	10.08	14.02	24195	18012	1.494	1.475	
		Total Aroclor-1242			91626	59634	4.028	3.186	
		Average Aroclor-1242					1.343	1.062	
17)	L5	Aroclor-1248	9.33	14.97	26972	14629	0.874	0.660	
18)	L5	Aroclor-1248 {2}	10.08	15.18	24195	15959	0.930	0.703	
19)	L5	Aroclor-1248 {3}	11.38	16.19	27325	9700	0.804	0.552	#
		Total Aroclor-1248			78493	40287	2.608	1.922	
		Average Aroclor-1248					0.869	0.641	

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-13B.D Vial: 21
Signal #2 : D:\HPCHEM\5\JL29A\C680-13B.D\CONFIRM.D
Acq On : 30 Jul 96 09:05 AM Operator: JS
Sample : VHB/ PG Q4 1:40 DILUTION Inst : ECD1
Misc : 30.4G/10ML 85% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	15664	13843	~~0.534~~	0.571
21) L6	Aroclor-1254 {2}	13.43	15.72	24554	14801	0.600	0.555
22) L6	Aroclor-1254 {3}	15.81	17.58	19096	22282	0.626	0.599
Total	Aroclor-1254			59315	50926	~~1.760~~ 1.548	1.724
Average	Aroclor-1254					0.587	0.575
					29495		~~24,000 ug/kg~~
23) L7	Aroclor-1260	13.92	18.21	11971	7913	0.379	0.280 #
24) L7	Aroclor-1260 {2}	14.68	18.53	13598	9404	0.368	0.289
25) L7	Aroclor-1260 {3}	17.91	21.95	5150	4472	0.099	0.092
Total	Aroclor-1260			30719	21789	0.846	0.662
Average	Aroclor-1260					0.282	0.221
26) L8	Aroclor-1268	18.85	0.00	1395	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.02	0.00	3532	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.81	0.00	1295	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.

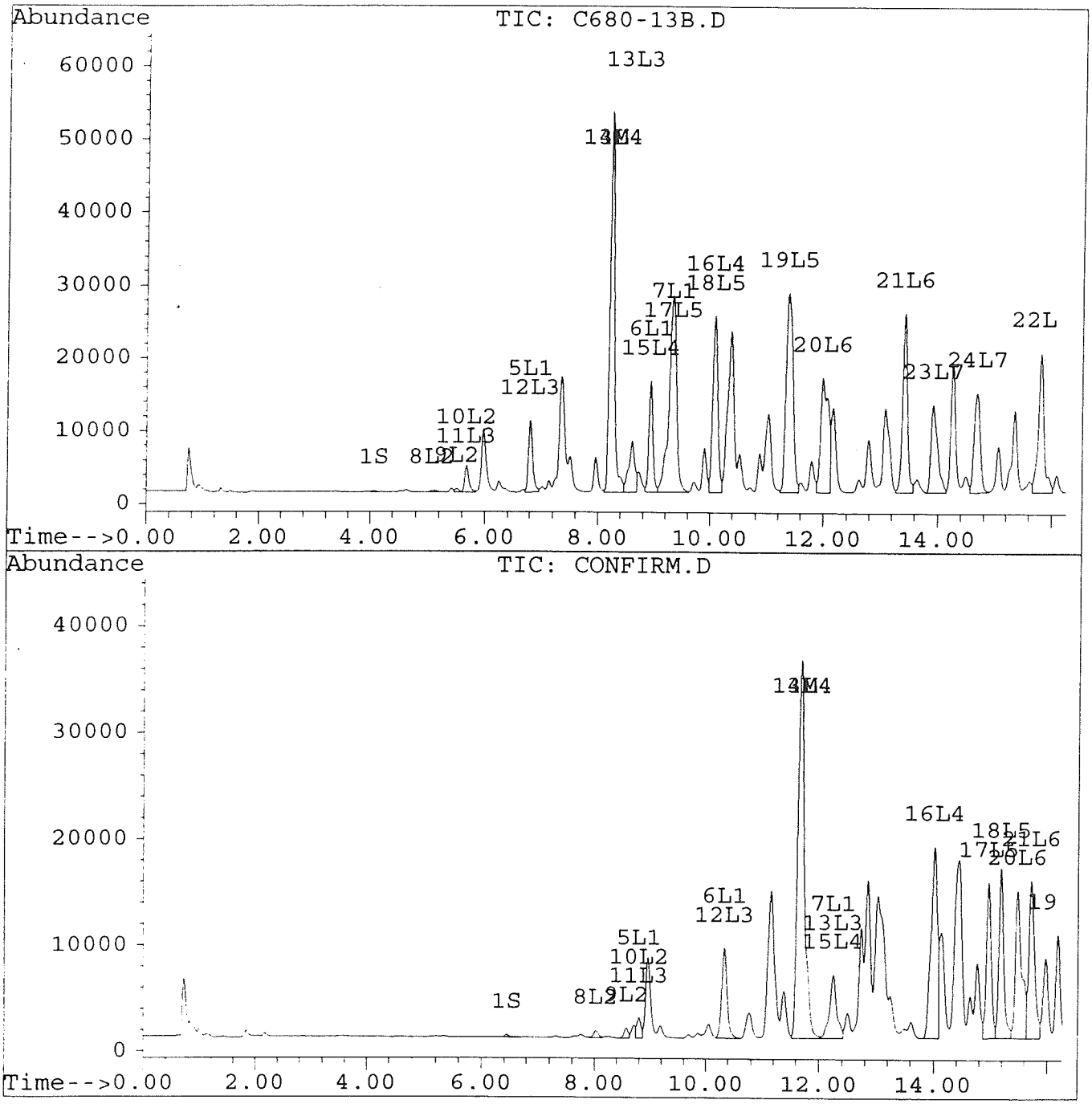
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-13B.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-13B.D\CONFIRM.D
Acq On : 30 Jul 96 09:05 AM
Sample : VHB/ PG Q4 1:40 DILUTION
Misc : 30.4G/10ML 85% SOLID PCB ANALYSIS
Quant Time: Aug 1 15:27 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

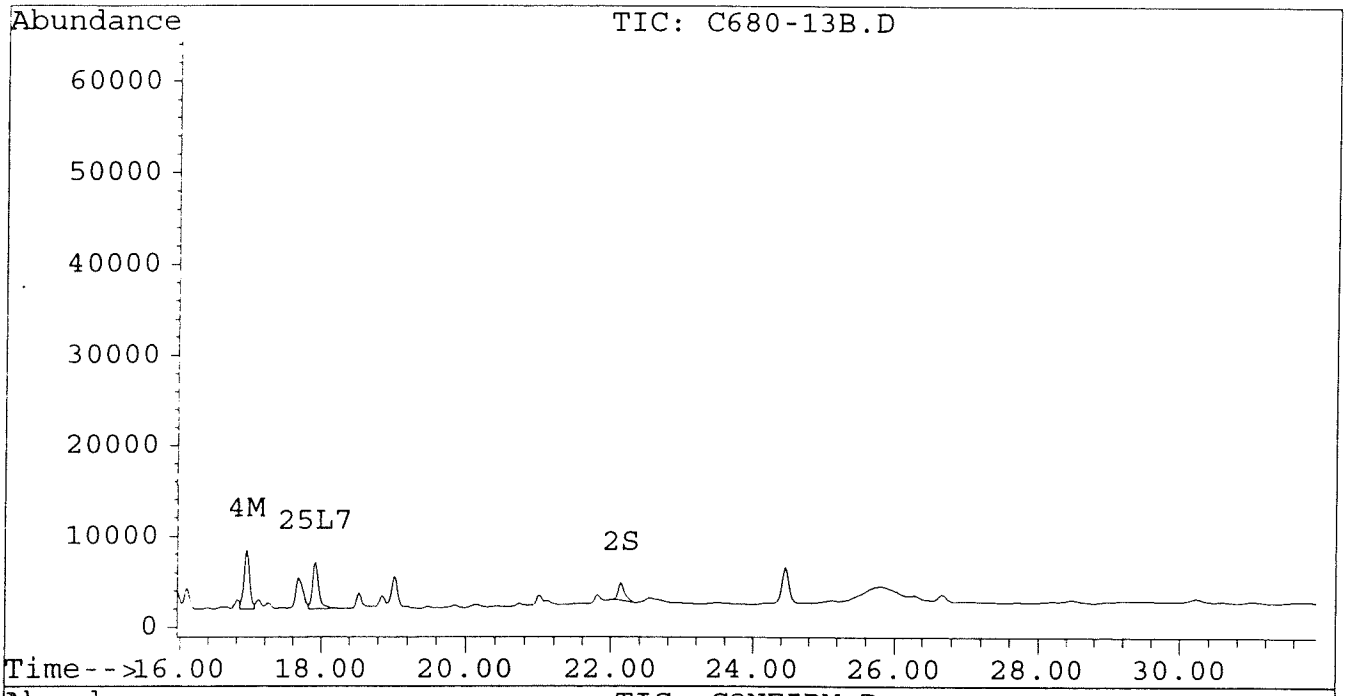


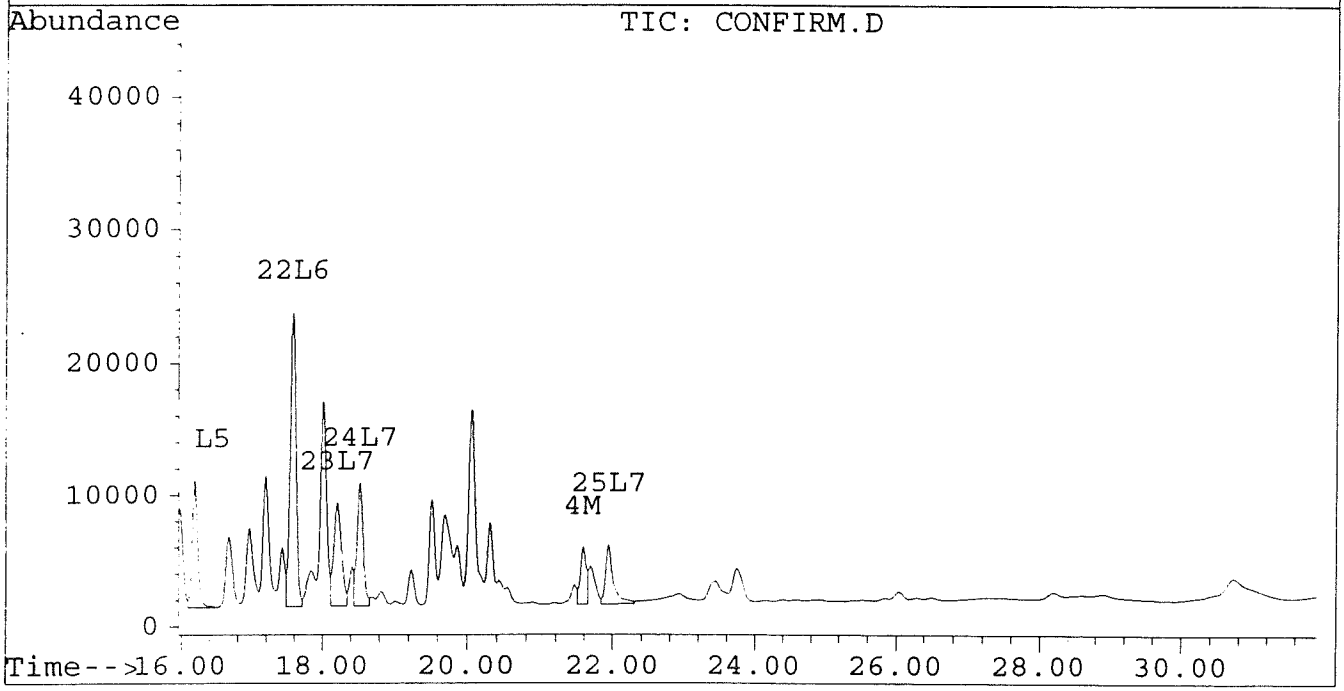
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-13B.D Vial: 21
Signal #2 : D:\HPCHEM\5\JL29A\C680-13B.D\CONFIRM.D
Acq On : 30 Jul 96 09:05 AM Operator: JS
Sample : VHB/ PG Q4 1:40 DILUTION Inst : ECD1
Misc : 30.4G/10ML 85% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL29A\C680-14B.D Vial: 22
Signal #2 : D:\HPCHEM\5\JL29A\C680-14B.D\CONFIRM.D
Acq On : 30 Jul 96 09:40 AM Operator: JS
Sample : VHB/ PG Q7 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	848	918	0.004m	0.005m#
				Recovery	=	10.00%	12.50%
2) S	Decachlorobiphenyl	22.14f	0.00	5583	0	0.029m	N.D. #
				Recovery	=	72.50%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.67	38600	26331	0.348	0.278
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	4683	3226	0.026	0.023
5) L1	Aroclor-1016	6.80	8.80	8650	2204	0.288	0.179 #
6) L1	Aroclor-1016 {2}	8.93	10.33	11381	7195	0.728	0.285 #
7) L1	Aroclor-1016 {3}	9.33	12.25	19278	5465	0.802	0.345 #
Total	Aroclor-1016			39310	14864	1.817	0.809
Average	Aroclor-1016					0.606	0.270
8) L2	Aroclor-1221	5.09	8.03	427	709	0.061	0.116 #
9) L2	Aroclor-1221 {2}	5.51	8.57	699	1242	0.120	0.255 #
10) L2	Aroclor-1221 {3}	5.68	8.80	3563	2204	0.176	0.144
Total	Aroclor-1221			4689	4154	0.357	0.514
Average	Aroclor-1221					0.119	0.171
11) L3	Aroclor-1232	5.68	8.80	3563	2204	0.195	0.154
12) L3	Aroclor-1232 {2}	6.80	10.33	8650	7195	0.634	0.599
13) L3	Aroclor-1232 {3}	8.61	12.25	6322	5465	0.764	0.788
Total	Aroclor-1232			18535	14864	1.593	1.541
Average	Aroclor-1232					0.531	0.514
14) L4	Aroclor-1242	8.22	11.67	38600	26331	0.947	0.912
15) L4	Aroclor-1242 {2}	8.93	12.25	11381	5465	0.935	0.436 #
16) L4	Aroclor-1242 {3}	10.08	14.02	18453	13685	1.140	1.120
Total	Aroclor-1242			68435	45481	3.022	2.468
Average	Aroclor-1242					1.007	0.823
17) L5	Aroclor-1248	9.33	14.97	19278	11709	0.625	0.534
18) L5	Aroclor-1248 {2}	10.08	15.19	18453	12259	0.709	0.540
19) L5	Aroclor-1248 {3}	11.38	16.19	21101	7774	0.621	0.443 #
Total	Aroclor-1248			58832	31741	1.955	1.516
Average	Aroclor-1248					0.652	0.505

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-14B.D Vial: 22
Signal #2 : D:\HPCHEM\5\JL29A\C680-14B.D\CONFIRM.D
Acq On : 30 Jul 96 09:40 AM Operator: JS
Sample : VHB/ PG Q7 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	12043	10542	~~0.411~~	0.435
21) L6 Aroclor-1254 {2}	13.42	15.72	17948	11884	0.438	0.445
22) L6 Aroclor-1254 {3}	15.81	17.58	13959	15003	0.458	0.403
Total Aroclor-1254			43949	37429	~~1.307~~ 1.311	1.283
Average Aroclor-1254					0.436	~~0.428~~ 0.428
23) L7 Aroclor-1260	13.92	18.21	9090	5878	0.288	~~0.208~~ #
24) L7 Aroclor-1260 {2}	14.70	18.53	7060	7204	0.191	0.221
25) L7 Aroclor-1260 {3}	17.91	21.95	3628	2717	0.070	0.056
Total Aroclor-1260			19778	15799	0.549	0.486
Average Aroclor-1260					0.183	0.162
26) L8 Aroclor-1268	18.85	0.00	825	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	2296	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.81	0.00	1028	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

4982 ~~4200~~ 4k

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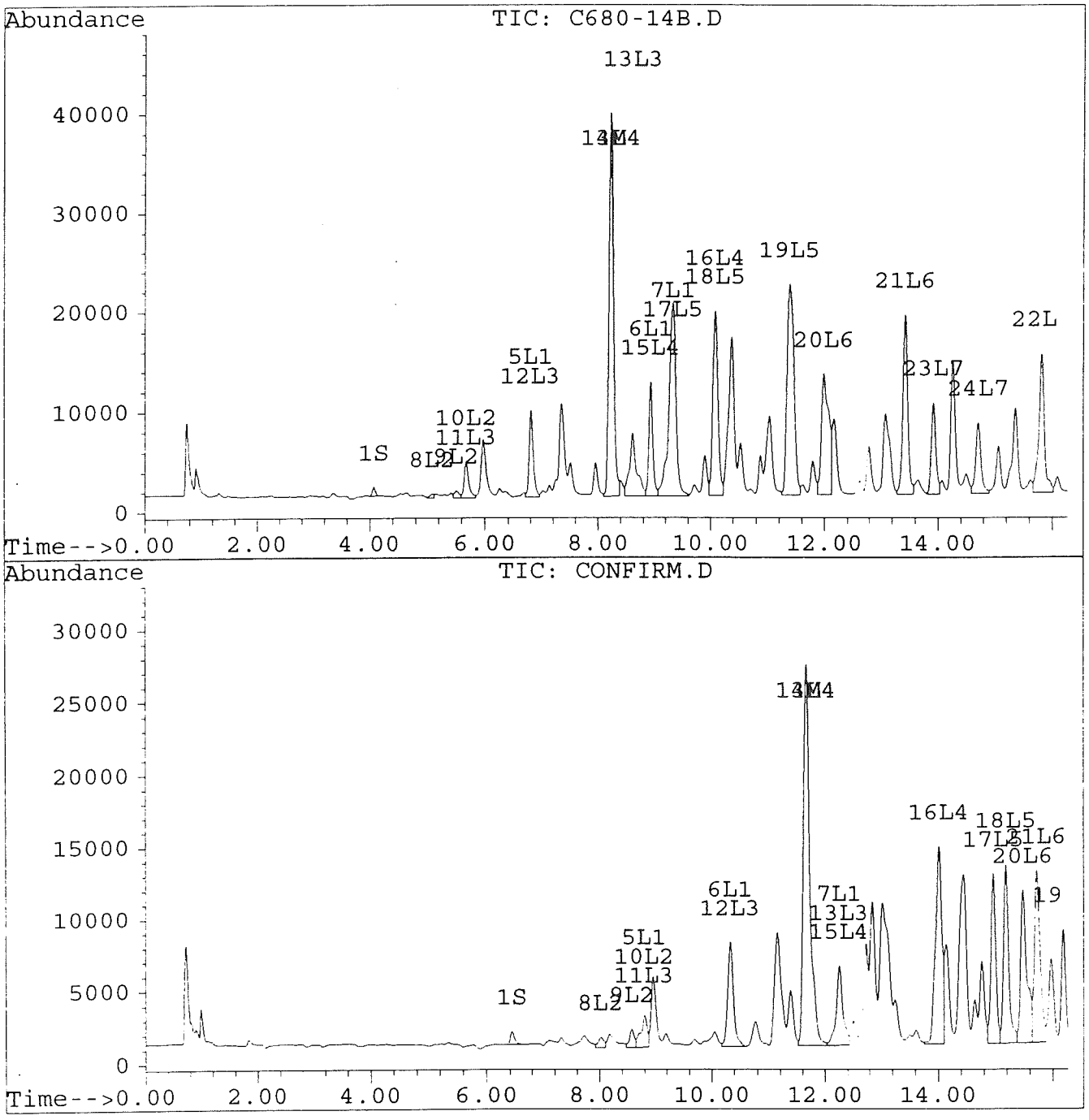
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-14B.D Vial: 22
Signal #2 : D:\HPCHEM\5\JL29A\C680-14B.D\CONFIRM.D
Acq On : 30 Jul 96 09:40 AM Operator: JS
Sample : VHB/ PG Q7 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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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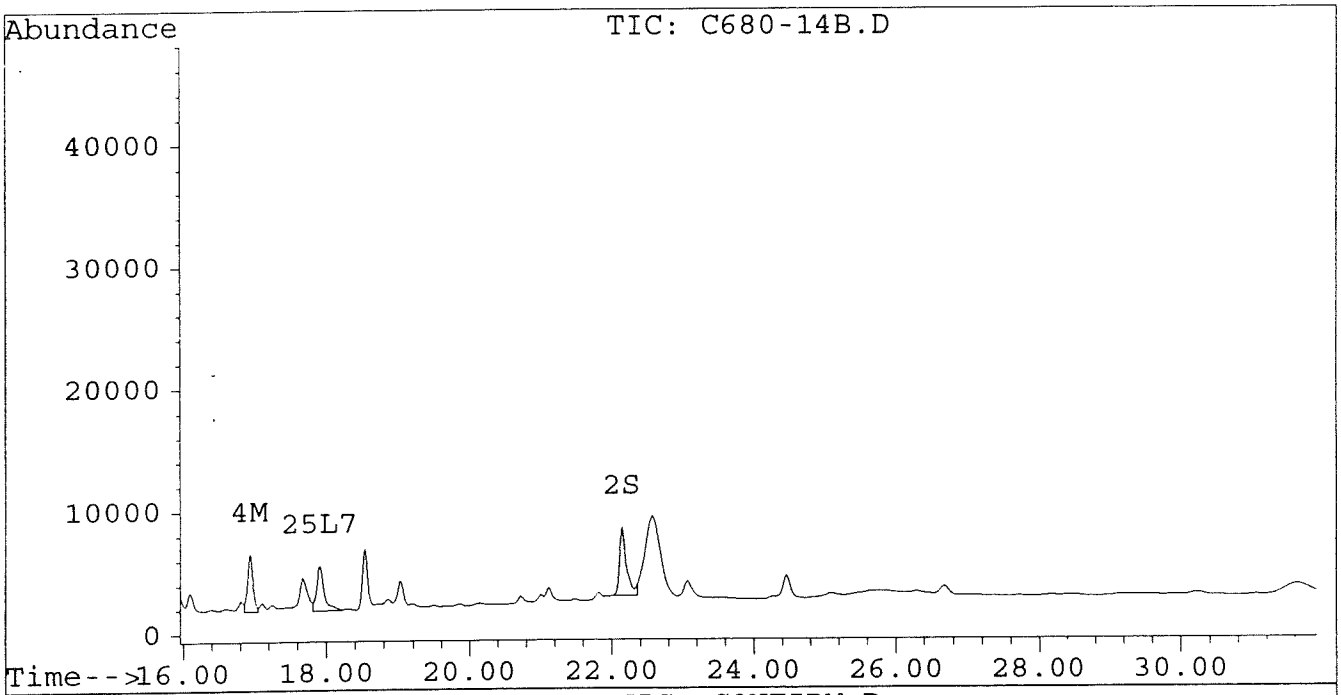
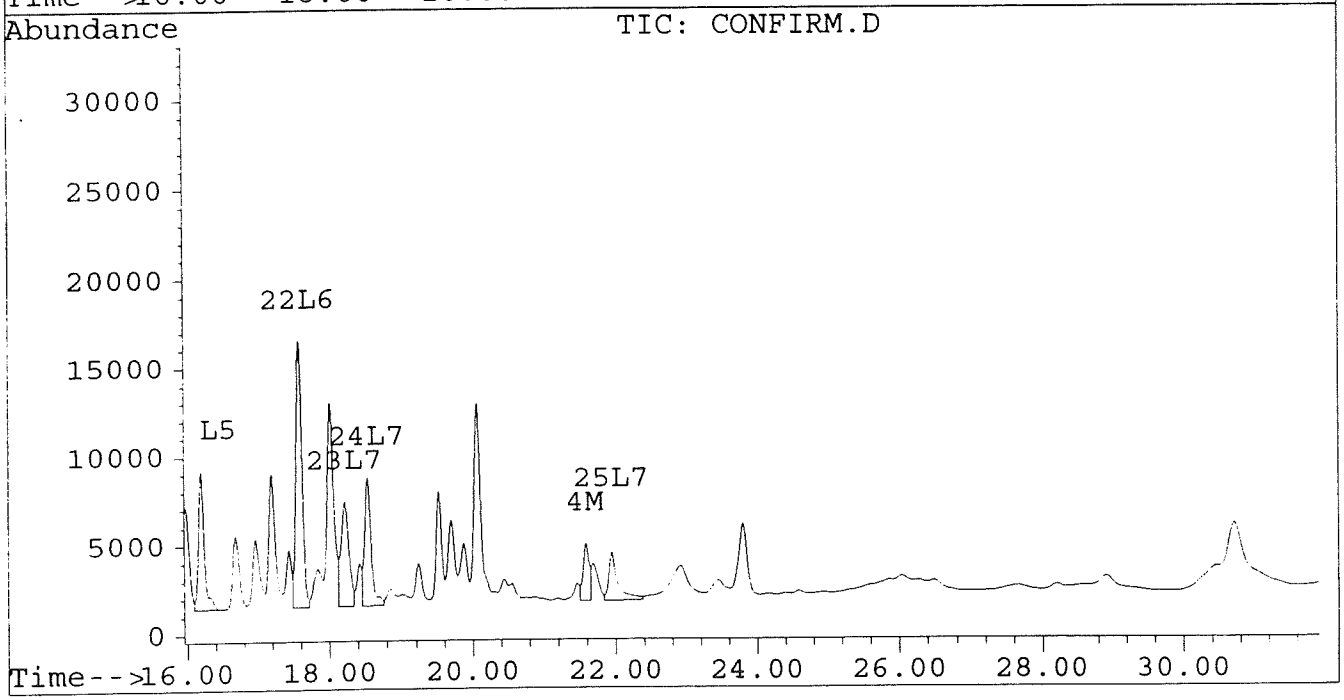
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-14B.D Vial: 22
Signal #2 : D:\HPCHEM\5\JL29A\C680-14B.D\CONFIRM.D
Acq On : 30 Jul 96 09:40 AM Operator: JS
Sample : VHB/ PG Q7 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL29A\C680-15B.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-15B.D\CONFIRM.D
Acq On : 30 Jul 96 10:16 AM
Sample : VHB/ PG Q11 1:4 DILUTION
Misc : 30.2G/10ML 90% SOLID PCB ANALYSIS
Quant Time: Aug 1 15:52 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.44	2000	1825	0.009	0.011
				Recovery	=	22.50%	27.50%
2) S	Decachlorobiphenyl	22.23	30.53f	2564	1412	0.013m	0.016m
				Recovery	=	32.50%	40.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.67	38371	26942	0.346	0.285
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	5090	3421	0.028	0.025
5) L1	Aroclor-1016	6.80	8.80	5743	1098	0.191	0.089 #
6) L1	Aroclor-1016 {2}	8.93	10.33	10784	5026	0.690	0.199 #
7) L1	Aroclor-1016 {3}	9.33	12.25	21255	3386	0.884	0.214 #
Total	Aroclor-1016			37782	9509	1.764	0.502
Average	Aroclor-1016					0.588	0.167
8) L2	Aroclor-1221	0.00	8.02	0	963	N.D.	0.157 #
9) L2	Aroclor-1221 {2}	5.50	8.57	285	3610	0.049	0.740 #
10) L2	Aroclor-1221 {3}	5.66	8.80	5288	1098	0.262	0.071 #
Total	Aroclor-1221			5574	5670	0.311	0.969
Average	Aroclor-1221					0.155	0.323
11) L3	Aroclor-1232	5.66	8.80	5288	1098	0.290	0.077 #
12) L3	Aroclor-1232 {2}	6.80	10.33	5743	5026	0.421	0.418
13) L3	Aroclor-1232 {3}	8.61	12.25	4181	3386	0.505	0.488
Total	Aroclor-1232			15212	9509	1.216	0.983
Average	Aroclor-1232					0.405	0.328
14) L4	Aroclor-1242	8.22	11.67	38371	26942	0.942	0.933
15) L4	Aroclor-1242 {2}	8.93	12.25	10784	3386	0.886	0.270 #
16) L4	Aroclor-1242 {3}	10.08	14.02	19079	13794	1.178	1.129
Total	Aroclor-1242			68235	44122	3.006	2.332
Average	Aroclor-1242					1.002	0.777
					4039		
17) L5	Aroclor-1248	9.33	14.97	21255	12979	0.689	0.592
18) L5	Aroclor-1248 {2}	10.08	15.18	19079	14780	0.733	0.651
19) L5	Aroclor-1248 {3}	11.38	16.19	24136	10369	0.710	0.590
Total	Aroclor-1248			64470	38128	2.132	1.833
Average	Aroclor-1248					0.711	0.611

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-15B.D Vial: 23
Signal #2 : D:\HPCHEM\5\JL29A\C680-15B.D\CONFIRM.D
Acq On : 30 Jul 96 10:16 AM Operator: JS
Sample : VHB/ PG Q11 1:4 DILUTION Inst : ECD1
Misc : 30.2G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:52 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	13348	11008	~~0.455~~	0.454
21) L6 Aroclor-1254 {2}	13.42	15.72	20679	12584	0.505 v	0.472
22) L6 Aroclor-1254 {3}	15.81	17.58	15017	18406	0.492 ✓	0.495
Total Aroclor-1254			49044	41998	~~1.453~~ 1.466	1.420
Average Aroclor-1254					0.484 1.511	0.473 2202 µg/kg
23) L7 Aroclor-1260	13.92	18.21	10070	6388	0.319	~~0.228~~ #
24) L7 Aroclor-1260 {2}	14.70	18.53	8538	7573	0.231	0.233
25) L7 Aroclor-1260 {3}	17.91	21.95	3795	3334	0.073	0.069
Total Aroclor-1260			22403	17296	0.623	0.528
Average Aroclor-1260					0.208	0.176
26) L8 Aroclor-1268	18.85	0.00	1052	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.02	0.00	2708	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.81	0.00	981	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

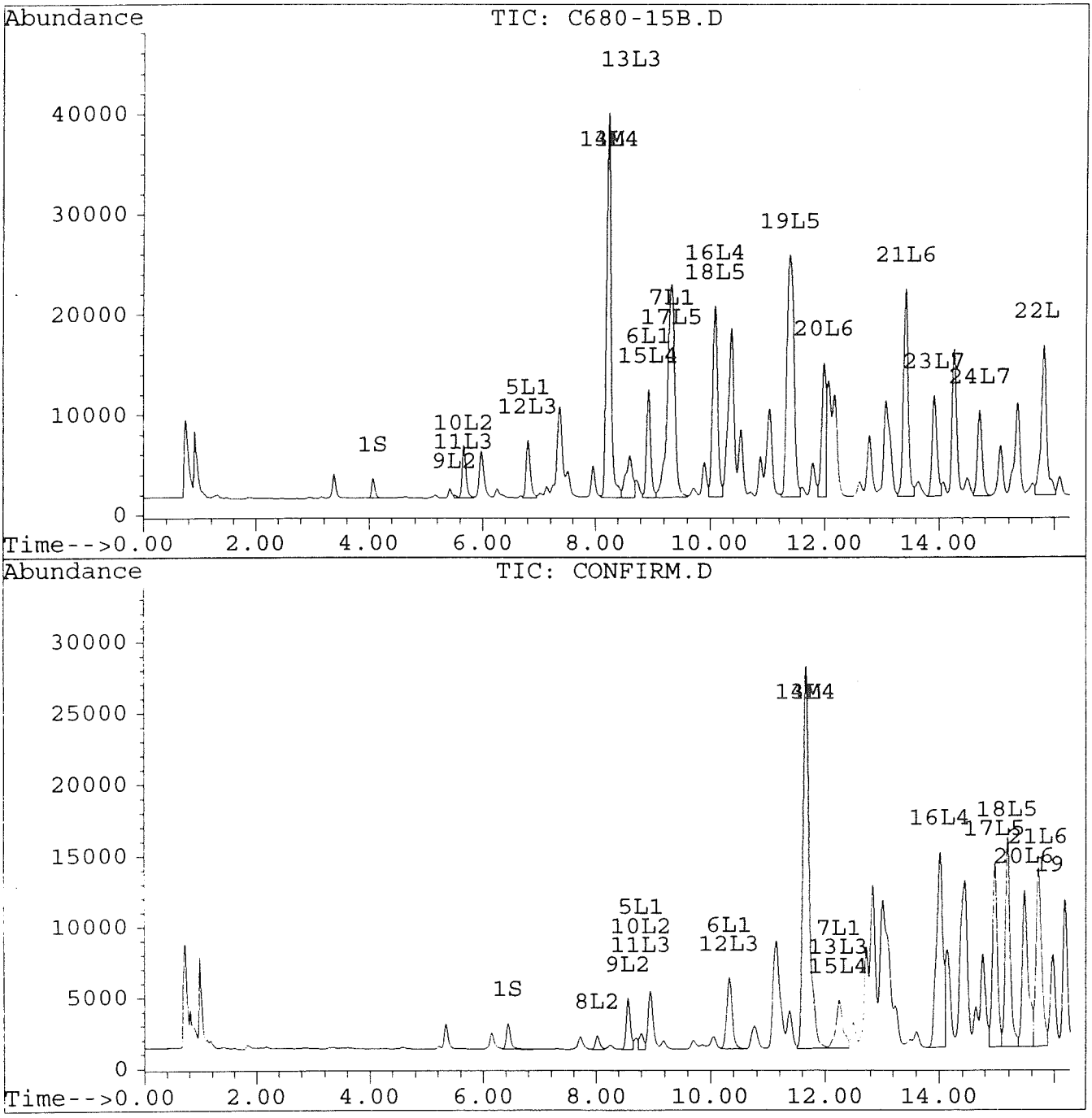
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-15B.D Vial: 23
Signal #2 : D:\HPCHEM\5\JL29A\C680-15B.D\CONFIRM.D
Acq On : 30 Jul 96 10:16 AM Operator: JS
Sample : VHB/ PG Q11 1:4 DILUTION Inst : ECD1
Misc : 30.2G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:52 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

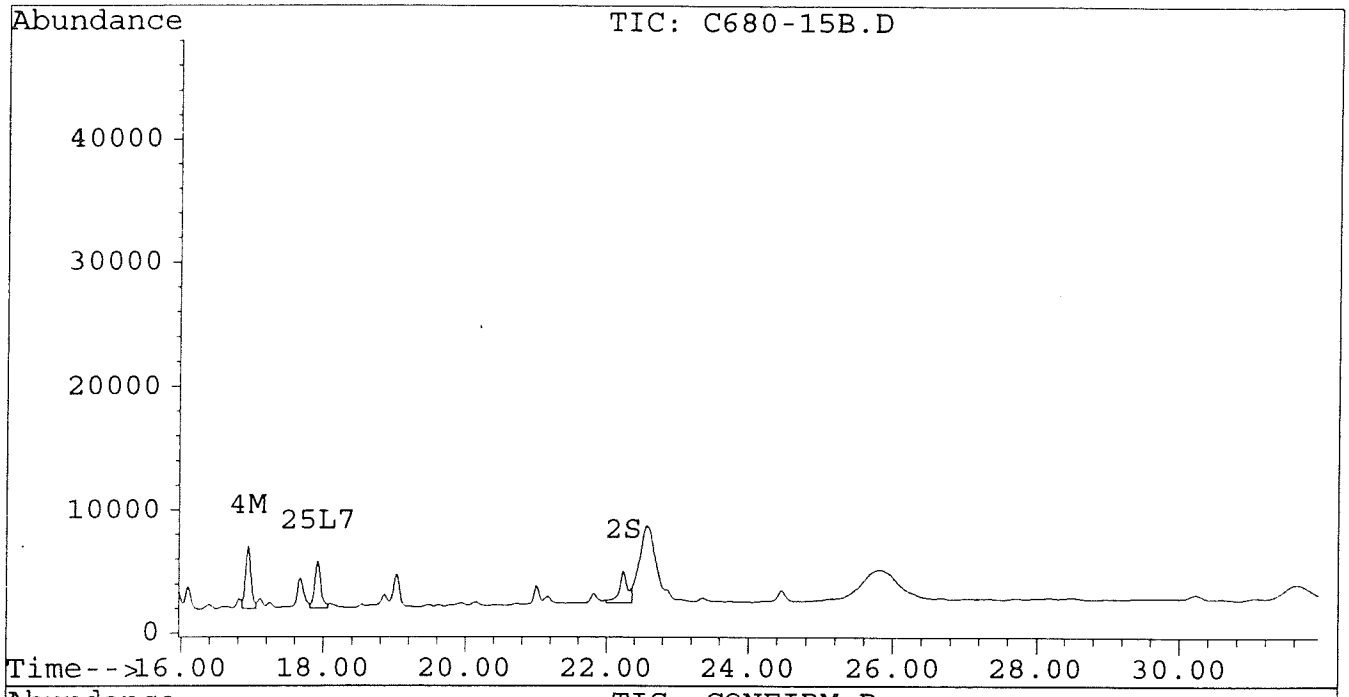


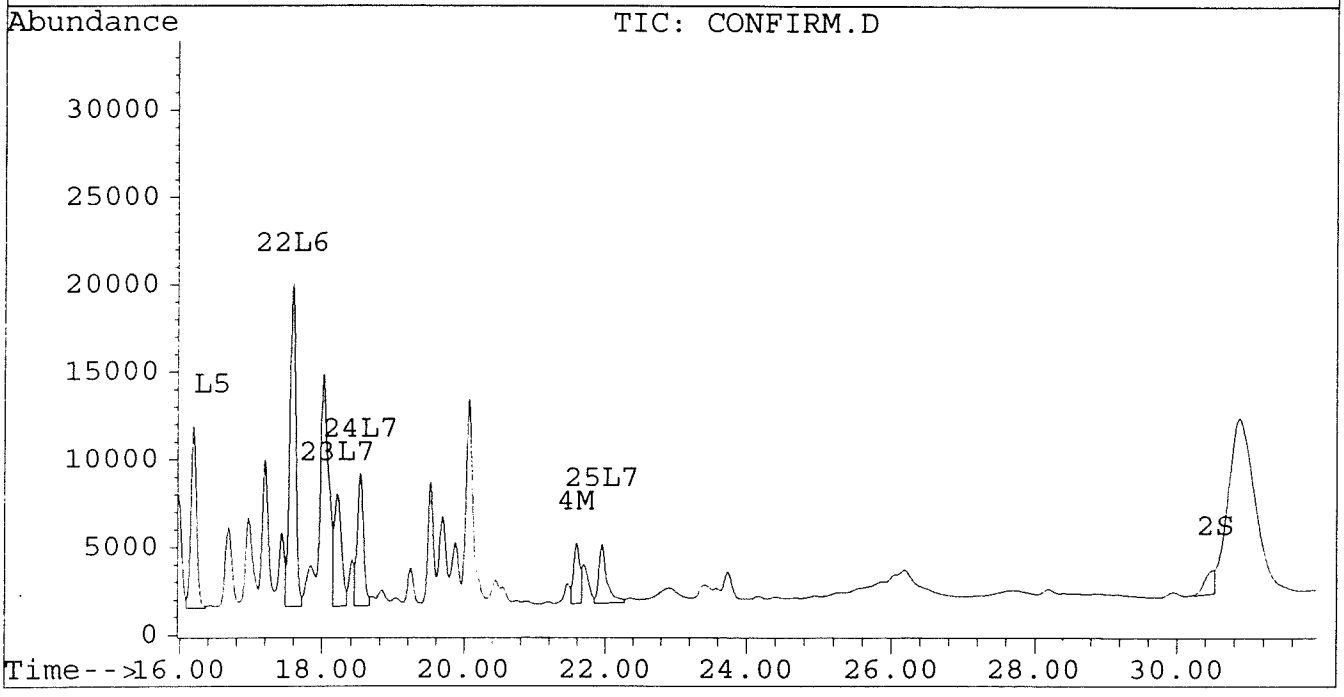
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-15B.D Vial: 23
Signal #2 : D:\HPCHEM\5\JL29A\C680-15B.D\CONFIRM.D
Acq On : 30 Jul 96 10:16 AM Operator: JS
Sample : VHB/ PG Q11 1:4 DILUTION Inst : ECD1
Misc : 30.2G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:52 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL25\C680-16A.D Vial: 62
Signal #2 : D:\HPCHEM\5\JL25\C680-16A.D\CONFIRM.D
Acq On : 27 Jul 96 12:41 PM Operator: JS
Sample : VHB/ PG S2 RERUN Inst : ECD1
Misc : 30.4G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	8373	6779	0.038m	0.039
					Recovery	=	95.00%	97.50%
2)	S	Decachlorobiphenyl	22.23	30.49f	8143	7758	0.042m	0.091m#
					Recovery	=	105.00%	227.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.67	35018	23158	0.315	0.245
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.59	18720	14008	0.104	0.101
5)	L1	Aroclor-1016	6.80	8.80	7440	1743	0.248	0.141 #
6)	L1	Aroclor-1016 {2}	8.93	10.33	9129	6052	0.584	0.240 #
7)	L1	Aroclor-1016 {3}	9.30	12.25	28333	4097	1.178	0.259 #
	Total	Aroclor-1016			44901	11892	2.009	0.640
	Average	Aroclor-1016					0.670	0.213
8)	L2	Aroclor-1221	0.00	8.02	0	5013	N.D.	0.820 #
9)	L2	Aroclor-1221 {2}	0.00	8.57	0	11844	N.D.	2.428 #
10)	L2	Aroclor-1221 {3}	5.66	8.80	15900	1743	0.787	0.114 #
	Total	Aroclor-1221			15900	18600	0.787	3.362
	Average	Aroclor-1221					0.787	1.121
11)	L3	Aroclor-1232	5.66	8.80	15900	1743	0.872	0.122 #
12)	L3	Aroclor-1232 {2}	6.80	10.33	7440	6052	0.545	0.504
13)	L3	Aroclor-1232 {3}	8.60	12.25	5153	4097	0.623	0.591
	Total	Aroclor-1232			28493	11892	2.039	1.216
	Average	Aroclor-1232					0.680	0.405
14)	L4	Aroclor-1242	8.22	11.67	35018	23158	0.860	0.802
15)	L4	Aroclor-1242 {2}	8.93	12.25	9129	4097	0.750	0.327 #
16)	L4	Aroclor-1242 {3}	10.07	14.02	23069	17612	1.425	1.442
	Total	Aroclor-1242			67215	44866	3.034	2.570
	Average	Aroclor-1242					1.011	0.857
17)	L5	Aroclor-1248	9.30	14.97	28333	18973	0.918	0.865
18)	L5	Aroclor-1248 {2}	10.07	15.18	23069	13718	0.887	0.604 #
19)	L5	Aroclor-1248 {3}	11.36f	16.19	44613	9246	1.312	0.527 #
	Total	Aroclor-1248			96014	41938	3.117	1.995
	Average	Aroclor-1248					1.039	0.665

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-16A.D Vial: 62
Signal #2 : D:\HPCHEM\5\JL25\C680-16A.D\CONFIRM.D
Acq On : 27 Jul 96 12:41 PM Operator: JS
Sample : VHB/ PG S2 RERUN Inst : ECD1
Misc : 30.4G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 14:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	37841	32650	~~1.290~~	1.346
21) L6 Aroclor-1254 (2)	13.42	15.72	61268	35845	1.497	1.344
22) L6 Aroclor-1254 (3)	15.81	17.58	52899	54644	1.735	1.468
Total Aroclor-1254			152008	123138	4.522	4.158
Average Aroclor-1254					1.507	~~1.386~~ 1.386
23) L7 Aroclor-1260	13.92	18.21	28841	21153	0.914	~~0.750~~
24) L7 Aroclor-1260 (2)	14.70	18.53	26469	24899	0.716	0.765
25) L7 Aroclor-1260 (3)	17.91	21.95	12687	11538	0.245	0.238
Total Aroclor-1260			67997	57590	1.874	1.753
Average Aroclor-1260					0.625	0.584
26) L8 Aroclor-1268	18.86	0.00	1978	0	NoCal	N.D.
27) L8 Aroclor-1268 (2)	19.03	0.00	8963	0	NoCal	N.D.
28) L8 Aroclor-1268 (3)	21.82	0.00	2143	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

4.89 ppm 100 wt/wt

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

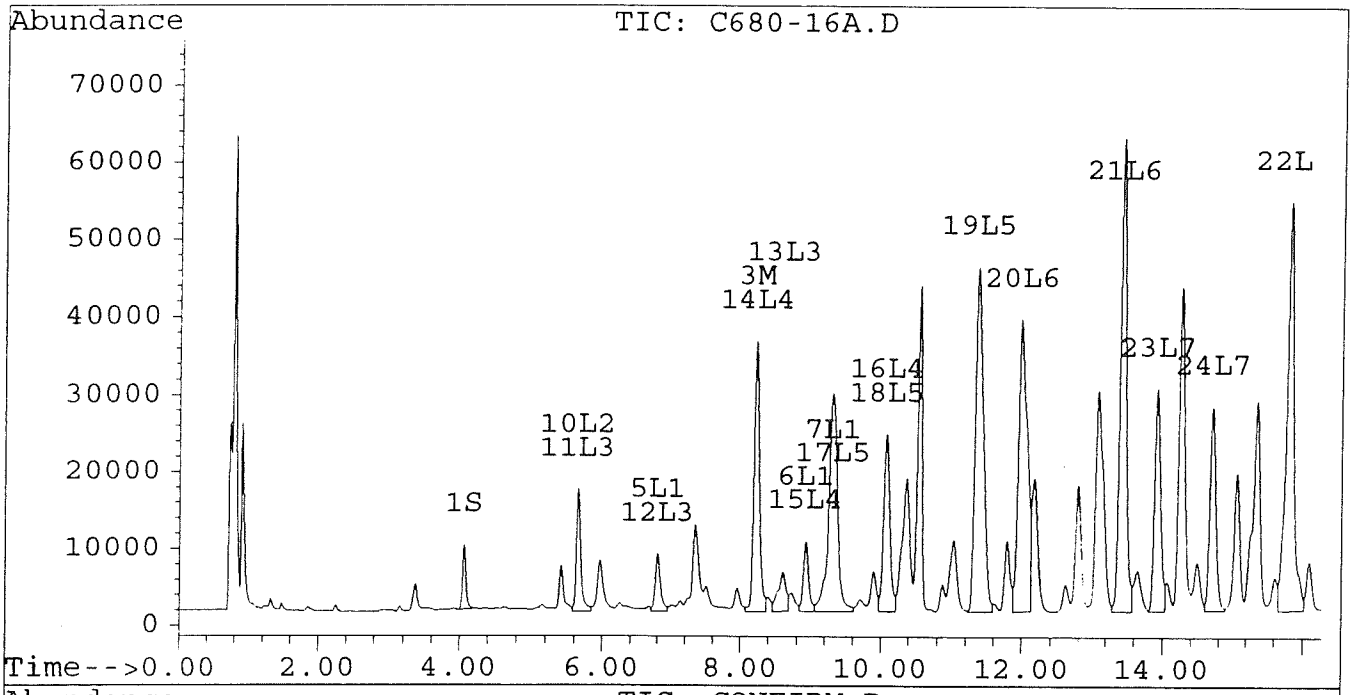
Quantitation Report

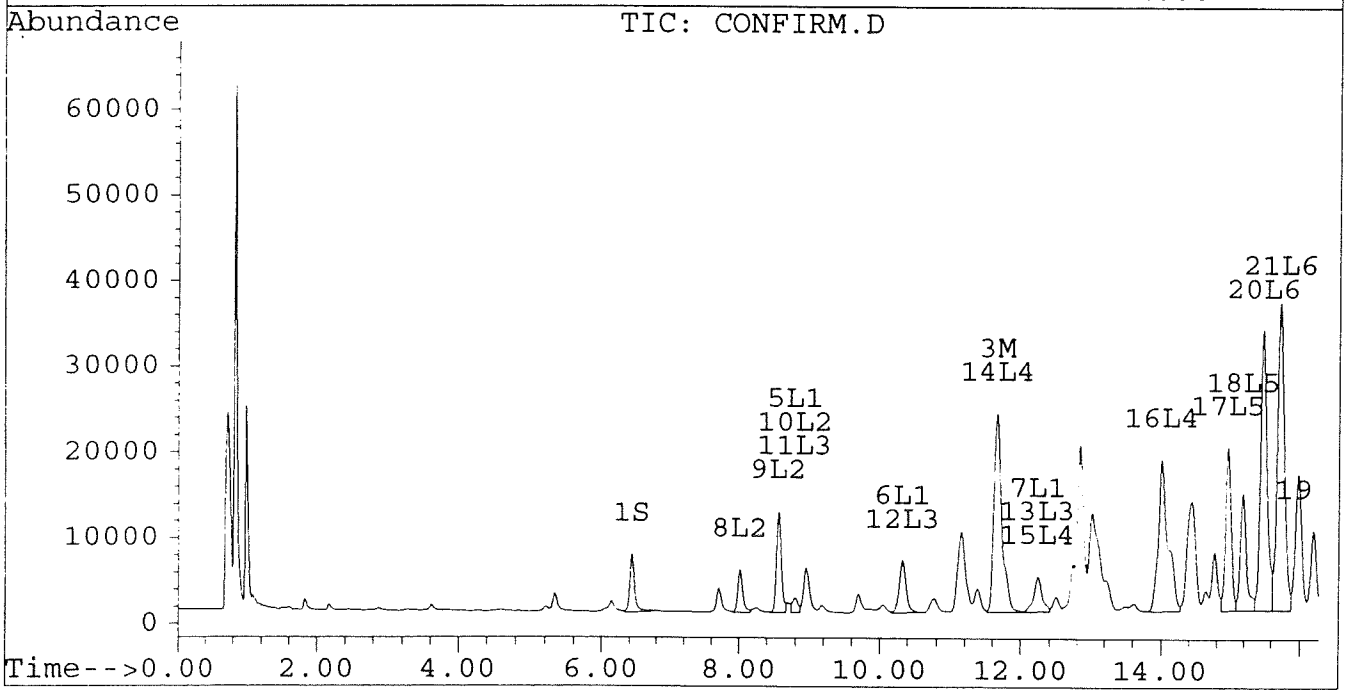
Signal #1 : D:\HPCHEM\5\JL25\C680-16A.D
Signal #2 : D:\HPCHEM\5\JL25\C680-16A.D\CONFIRM.D
Acq On : 27 Jul 96 12:41 PM
Sample : VHB/ PG S2 RERUN
Misc : 30.4G/10ML 88% SOLID PCB ANALYSIS
Quant Time: Aug 1 14:57 1996

Vial: 62
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





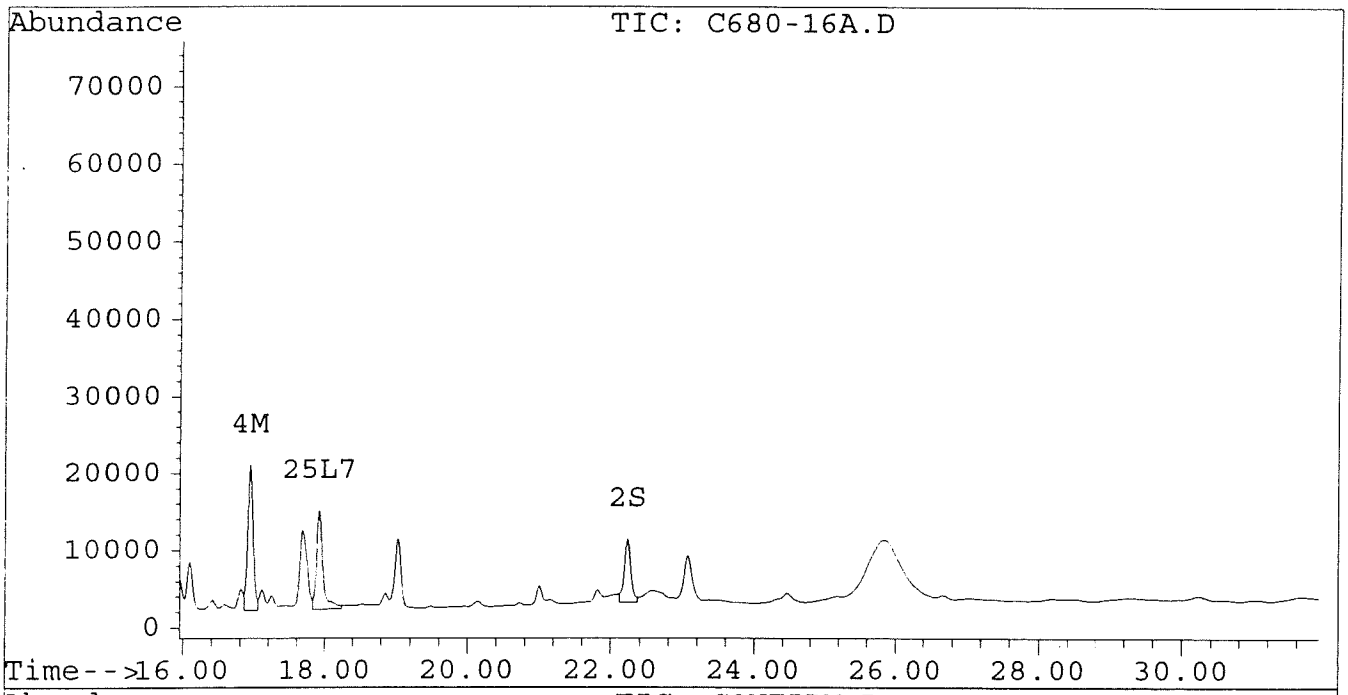
Quantitation Report

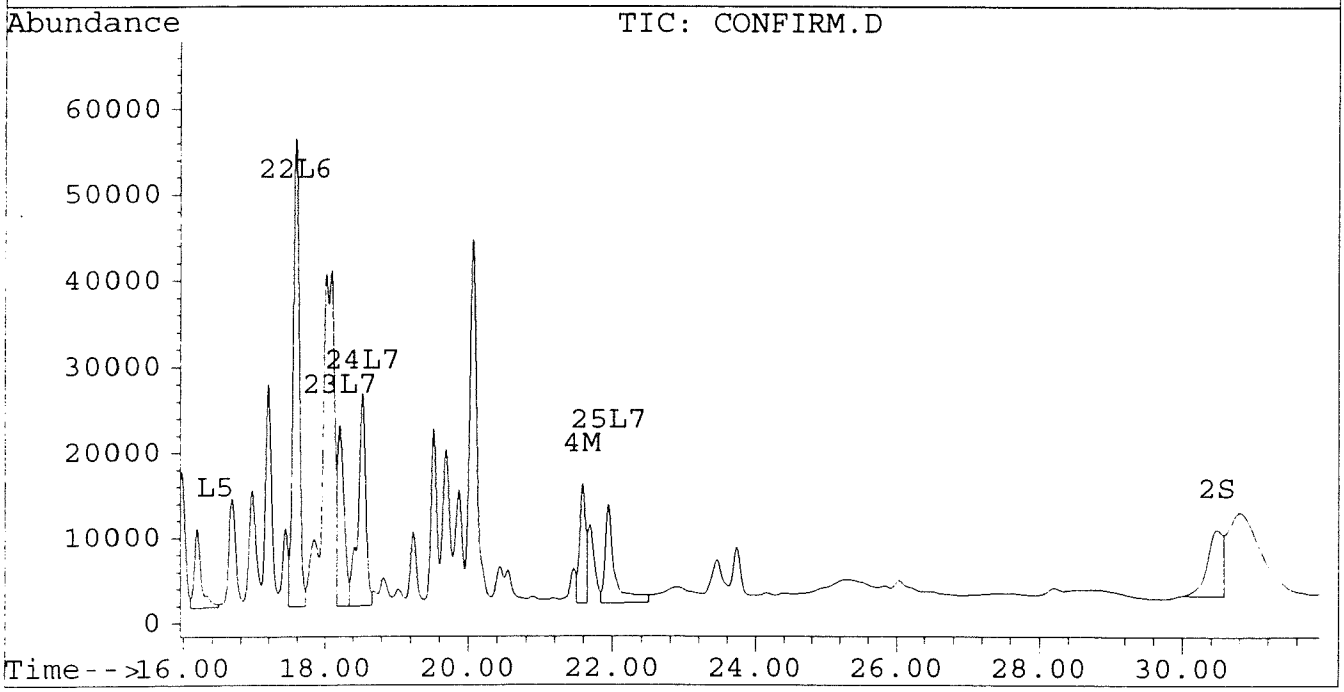
Signal #1 : D:\HPCHEM\5\JL25\C680-16A.D
Signal #2 : D:\HPCHEM\5\JL25\C680-16A.D\CONFIRM.D
Acq On : 27 Jul 96 12:41 PM
Sample : VHB/ PG S2 RERUN
Misc : 30.4G/10ML 88% SOLID PCB ANALYSIS
Quant Time: Aug 1 14:57 1996

Vial: 62
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-17B.D Vial: 24
Signal #2 : D:\HPCHEM\5\JL29A\C680-17B.D\CONFIRM.D
Acq On : 30 Jul 96 10:51 AM Operator: JS
Sample : VHB/ PG S4 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.07	6.44	867	766	0.004	0.004
				Recovery	=	10.00%	10.00%
2)	S Decachlorobiphenyl	22.14f	0.00	2631	0	0.013m	N.D. #
				Recovery	=	32.50%	0.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.22	11.67	50414	35073	0.454	0.371
4)	M 2,2',3,3',4,4'-Hexa	16.93	21.58	6579	4362	0.037	0.032
5)	L1 Aroclor-1016	6.80	8.80	10691	1763	0.356	0.143 #
6)	L1 Aroclor-1016 {2}	8.93	10.33	15081	8973	0.964	0.356 #
7)	L1 Aroclor-1016 {3}	9.32	12.25	26701	5489	1.110	0.347 #
	Total Aroclor-1016			52473	16224	2.430	0.845
	Average Aroclor-1016					0.810	0.282
8)	L2 Aroclor-1221	5.09	8.02	226	601	0.032	0.098 #
9)	L2 Aroclor-1221 {2}	5.51	8.57	459	1358	0.079	0.278 #
10)	L2 Aroclor-1221 {3}	5.68	8.80	3993	1763	0.198	0.115 #
	Total Aroclor-1221			4678	3722	0.309	0.492
	Average Aroclor-1221					0.103	0.164
11)	L3 Aroclor-1232	5.68	8.80	3993	1763	0.219	0.123 #
12)	L3 Aroclor-1232 {2}	6.80	10.33	10691	8973	0.783	0.747
13)	L3 Aroclor-1232 {3}	8.61	12.25	6588	5489	0.796	0.792
	Total Aroclor-1232			21272	16224	1.798	1.661
	Average Aroclor-1232					0.599	0.554
14)	L4 Aroclor-1242	8.22	11.67	50414	35073	1.237	1.214
15)	L4 Aroclor-1242 {2}	8.93	12.25	15081	5489	1.238	0.438 #
16)	L4 Aroclor-1242 {3}	10.07	14.02	24052	17757	1.485	1.454
	Total Aroclor-1242			89547	58319	3.961	3.106
	Average Aroclor-1242					1.320	1.035
17)	L5 Aroclor-1248	9.32	14.97	26701	15597	0.865	0.711
18)	L5 Aroclor-1248 {2}	10.07	15.18	24052	17106	0.925	0.753
19)	L5 Aroclor-1248 {3}	11.38	16.19	28932	11465	0.851	0.653
	Total Aroclor-1248			79685	44169	2.641	2.117
	Average Aroclor-1248					0.880	0.706

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-17B.D Vial: 24
Signal #2 : D:\HPCHEM\5\JL29A\C680-17B.D\CONFIRM.D
Acq On : 30 Jul 96 10:51 AM Operator: JS
Sample : VHB/ PG S4 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	16863	13730	~~0.575~~	0.566
21) L6 Aroclor-1254 {2}	13.42	15.72	26182	15219	0.640	0.571
22) L6 Aroclor-1254 {3}	15.81	17.58	19670	23166	0.645	0.622
Total Aroclor-1254			62715	52115	~~1.860~~ 1.934	.759
Average Aroclor-1254					0.620	0.585
23) L7 Aroclor-1260	13.92	18.21	12419	7795	0.394	0.276
24) L7 Aroclor-1260 {2}	14.70	18.53	11511	9343	0.311	0.287
25) L7 Aroclor-1260 {3}	17.91	21.94	4797	3719	0.092	0.077
Total Aroclor-1260			28727	20857	0.797	0.640
Average Aroclor-1260					0.266	0.213
26) L8 Aroclor-1268	18.85	0.00	996	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.02	0.00	3041	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.81	0.00	1138	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

C774 (580 ug/kg)

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-17B.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-17B.D\CONFIRM.D
Acq On : 30 Jul 96 10:51 AM
Sample : VHB/ PG S4 1:10 DILUTION
Misc : 30.3G/10ML 94% SOLID PCB ANALYSIS
Quant Time: Aug 1 15:53 1996

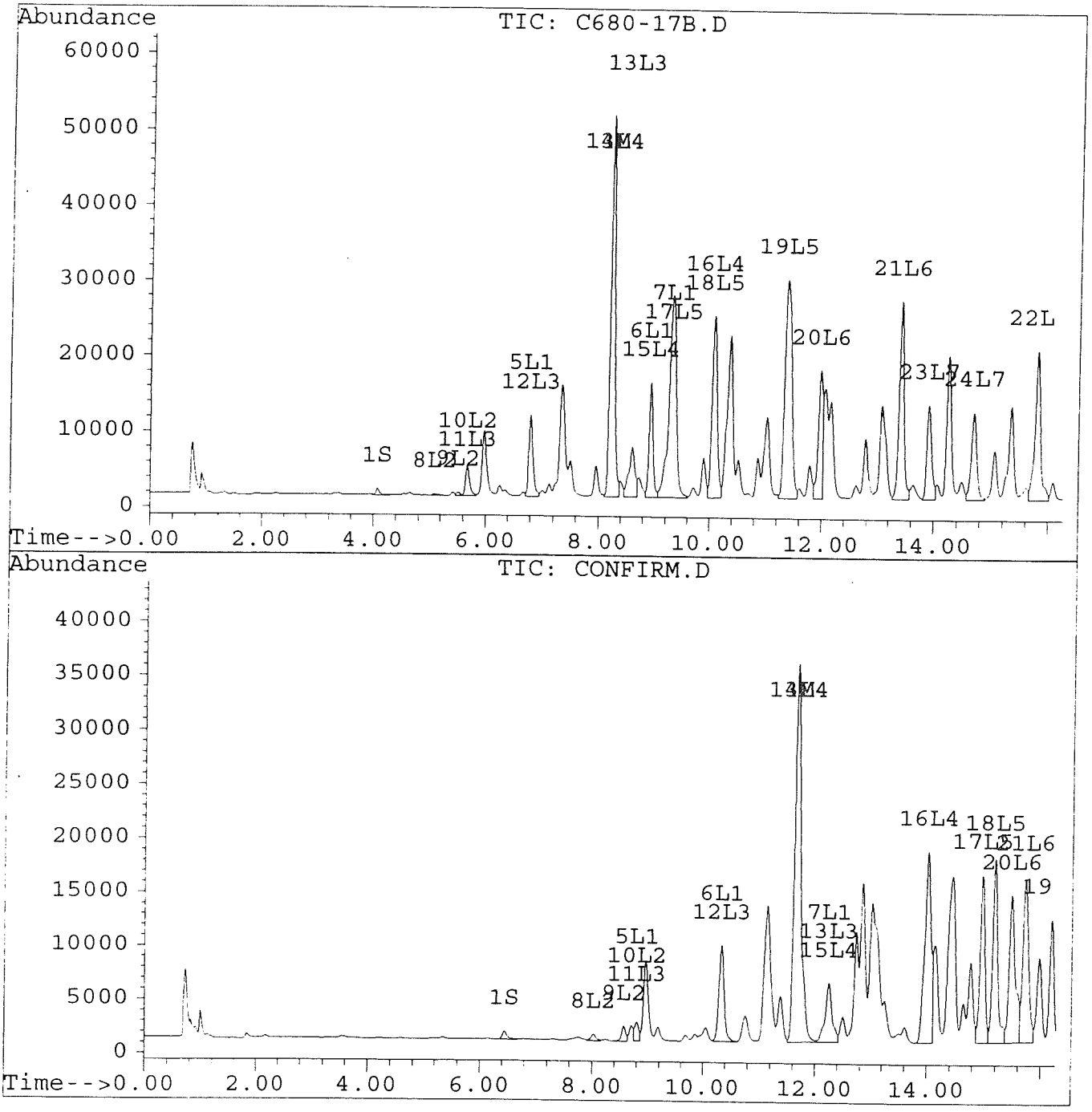
Vial: 24

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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

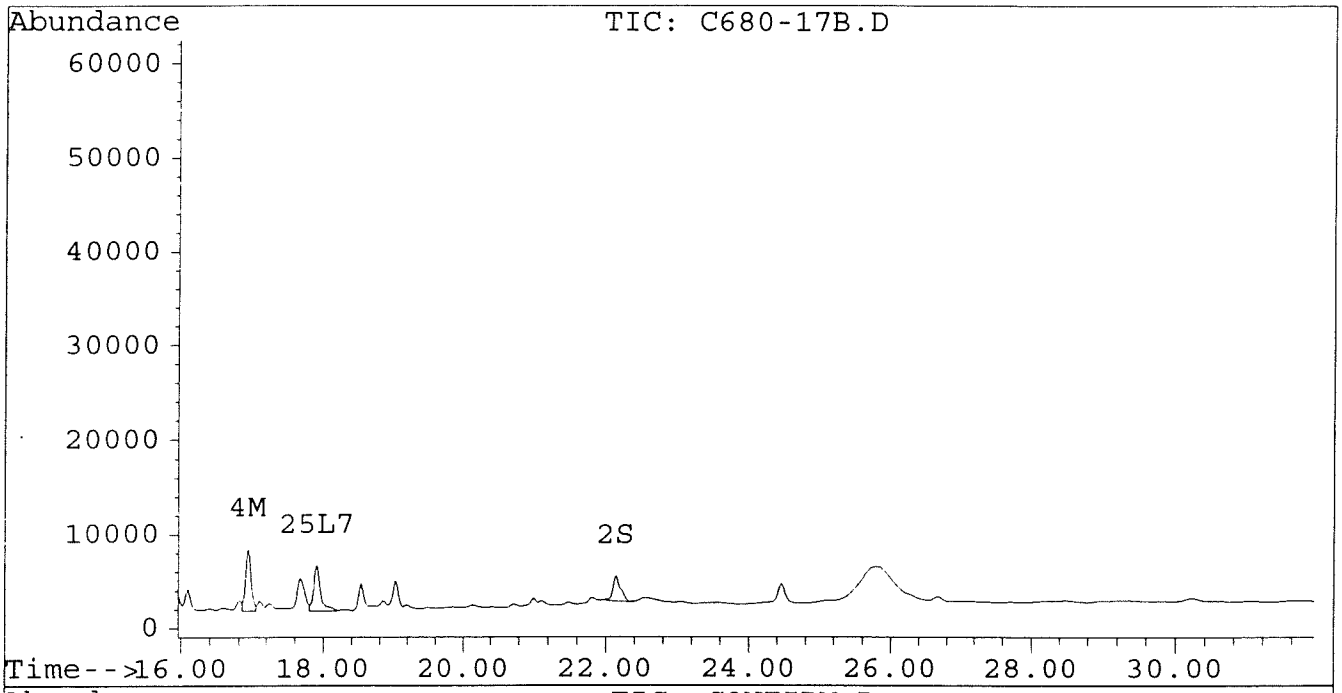


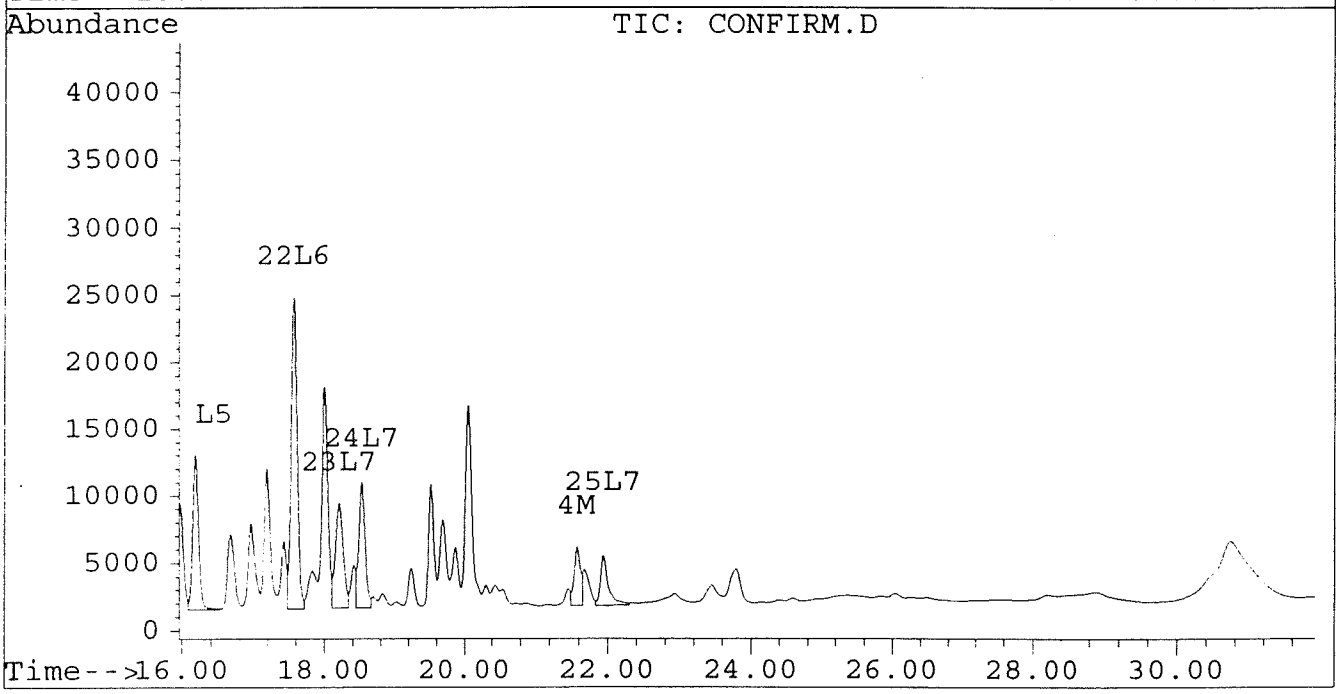
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-17B.D Vial: 24
Signal #2 : D:\HPCHEM\5\JL29A\C680-17B.D\CONFIRM.D
Acq On : 30 Jul 96 10:51 AM Operator: JS
Sample : VHB/ PG S4 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 94% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL29A\C680-18A.D Vial: 25
Signal #2 : D:\HPCHEM\5\JL29A\C680-18A.D\CONFIRM.D
Acq On : 30 Jul 96 12:38 PM Operator: JS
Sample : VHB/ PG S6 1:40 DILUTION Inst : ECD1
Misc : 30.1G/10ML 83% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 30 13:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	199	187	0.001	0.001
				Recovery	=	2.50%	2.50%
2) S	Decachlorobiphenyl	22.23	0.00	416	0	0.002m	N.D. #
				Recovery	=	5.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.67	50958	36703	0.459	0.388
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	8858	5827	0.049	0.042
5) L1	Aroclor-1016	6.80	8.80	9623	1613	0.320	0.131 #
6) L1	Aroclor-1016 {2}	8.93	10.33	13850	8422	0.886	0.334 #
7) L1	Aroclor-1016 {3}	9.32	12.26	28300	5329	1.177	0.337 #
Total	Aroclor-1016			51773	15364	2.383	0.801
Average	Aroclor-1016					0.794	0.267
8) L2	Aroclor-1221	5.09	8.03	195	246	0.028	0.040 #
9) L2	Aroclor-1221 {2}	5.51	8.57	367	1872	0.063	0.384 #
10) L2	Aroclor-1221 {3}	5.67	8.80	3610	1613	0.179	0.105 #
Total	Aroclor-1221			4171	3732	0.269	0.529
Average	Aroclor-1221					0.090	0.176
11) L3	Aroclor-1232	5.67	8.80	3610	1613	0.198	0.113 #
12) L3	Aroclor-1232 {2}	6.80	10.33	9623	8422	0.705	0.701
13) L3	Aroclor-1232 {3}	8.61	12.26	7054	5329	0.852	0.769
Total	Aroclor-1232			20287	15364	1.755	1.582
Average	Aroclor-1232					0.585	0.527
14) L4	Aroclor-1242	8.22	11.67	50958	36703	1.251	1.271
15) L4	Aroclor-1242 {2}	8.93	12.26	13850	5329	1.137	0.425 #
16) L4	Aroclor-1242 {3}	10.07	14.02	25772	19116	1.592	1.565
Total	Aroclor-1242			90581	61148	3.980	3.261
Average	Aroclor-1242					1.327	1.087
17) L5	Aroclor-1248	9.32	14.97	28300	19901	0.917	0.907
18) L5	Aroclor-1248 {2}	10.07	15.18	25772	20562	0.991	0.905
19) L5	Aroclor-1248 {3}	11.38	16.19	36625	14438	1.077	0.822
Total	Aroclor-1248			90698	54901	2.985	2.635
Average	Aroclor-1248					0.995	0.878

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-18A.D Vial: 25
Signal #2 : D:\HPCHEM\5\JL29A\C680-18A.D\CONFIRM.D
Acq On : 30 Jul 96 12:38 PM Operator: JS
Sample : VHB/ PG S6 1:40 DILUTION Inst : ECD1
Misc : 30.1G/10ML 83% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 30 13:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	22029	18489	~~0.751~~	0.762
21) L6	Aroclor-1254 (2)	13.42	15.72	34215	20192	0.836	0.757
22) L6	Aroclor-1254 (3)	15.81	17.58	25791	30362	0.846	0.816
Total	Aroclor-1254			82036	69043	~~2.433~~ 2.548	2.335
Average	Aroclor-1254				40435	0.811	0.778
23) L7	Aroclor-1260	13.92	18.21	16804	10231	0.533	0.363 #
24) L7	Aroclor-1260 (2)	14.70	18.53	14244	12576	0.385	0.387
25) L7	Aroclor-1260 (3)	17.91	21.95	6552	5808	0.126	0.120
Total	Aroclor-1260			37600	28615	1.044	0.869
Average	Aroclor-1260					0.348	0.290
26) L8	Aroclor-1268	18.85	0.00	1787	0	NoCal	N.D.
27) L8	Aroclor-1268 (2)	19.02	0.00	5003	0	NoCal	N.D.
28) L8	Aroclor-1268 (3)	21.81	0.00	1742	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

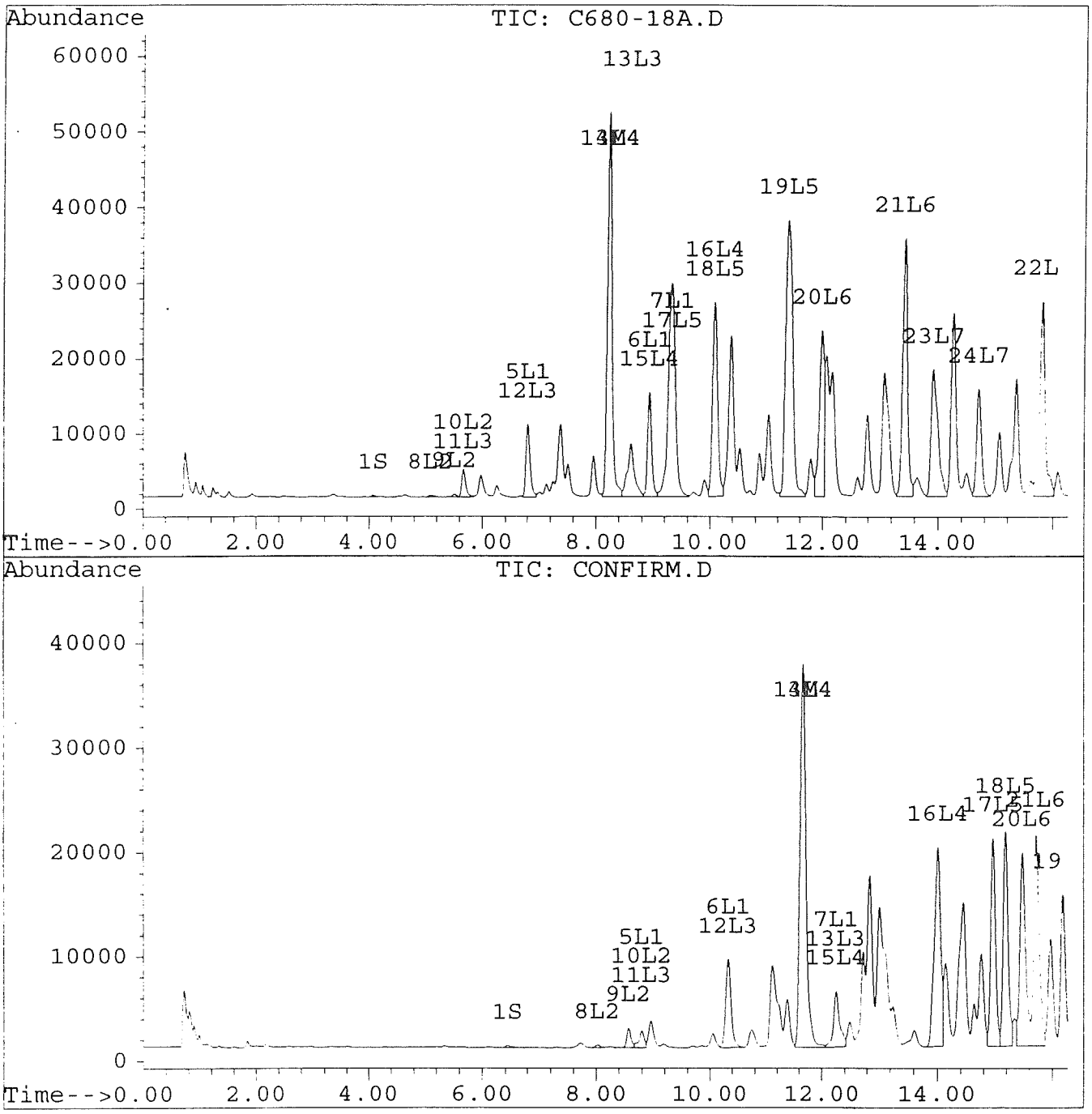
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-18A.D Vial: 25
Signal #2 : D:\HPCHEM\5\JL29A\C680-18A.D\CONFIRM.D
Acq On : 30 Jul 96 12:38 PM Operator: JS
Sample : VHB/ PG S6 1:40 DILUTION Inst : ECD1
Misc : 30.1G/10ML 83% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 30 13:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

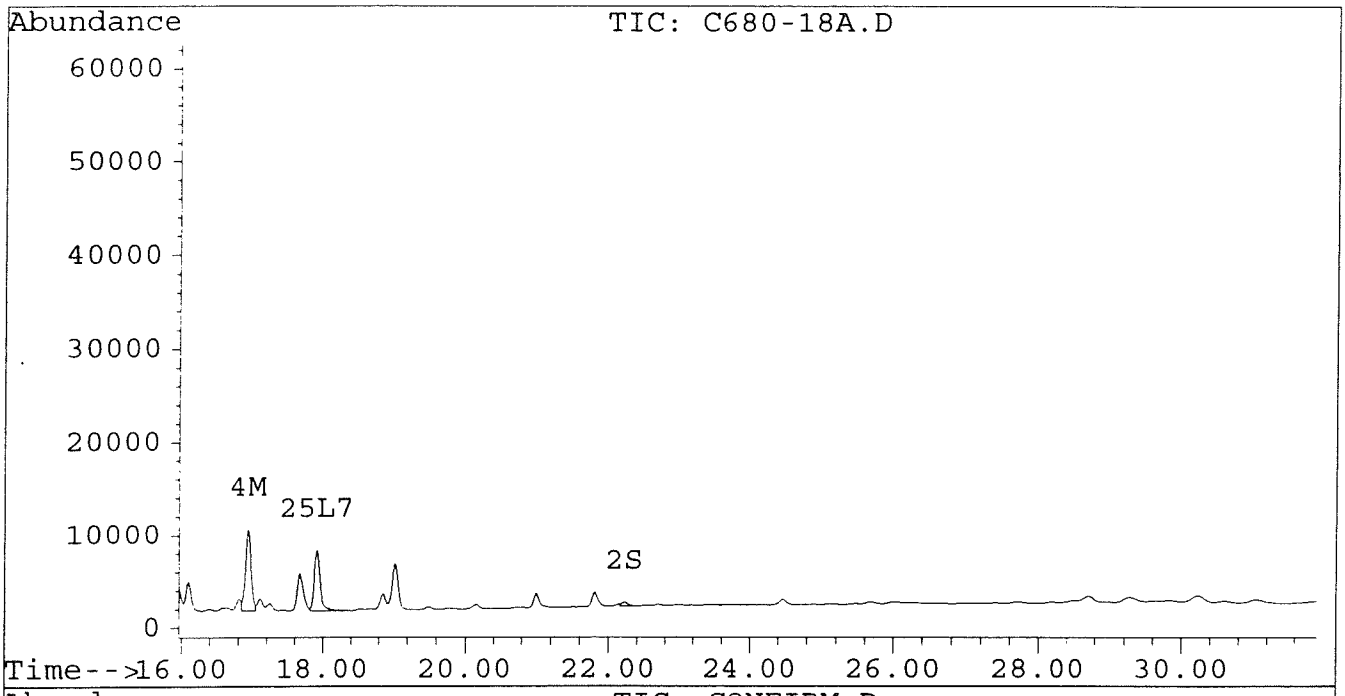


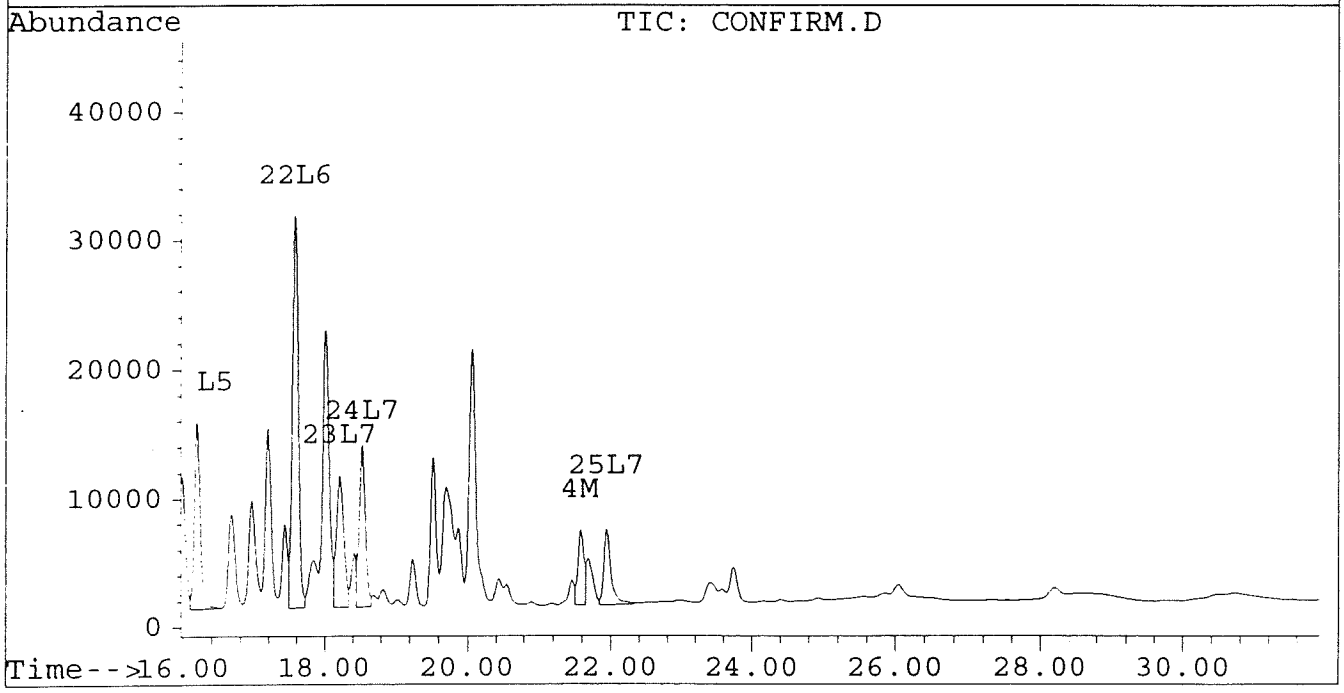
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-18A.D Vial: 25
Signal #2 : D:\HPCHEM\5\JL29A\C680-18A.D\CONFIRM.D
Acq On : 30 Jul 96 12:38 PM Operator: JS
Sample : VHB/ PG S6 1:40 DILUTION Inst : ECD1
Misc : 30.1G/10ML 83% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 30 13:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL25\C680-19A.D Vial: 65
Signal #2 : D:\HPCHEM\5\JL25\C680-19A.D\CONFIRM.D
Acq On : 27 Jul 96 04:46 PM Operator: JS
Sample : VHB/ PG T9 RERUN Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 27 17:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.07	6.44	5647	5019	0.025	0.029
					Recovery	=	62.50%	72.50%
2)	S	Decachlorobiphenyl	22.24	30.45	9773	3663	0.050	0.043
					Recovery	=	125.00%	107.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.67	36765	25444	0.331	0.269
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.59	5623	3750	0.031	0.027
5)	L1	Aroclor-1016	6.80	8.80	5924	1585	0.197	0.128 #
6)	L1	Aroclor-1016 {2}	8.93	10.33	9544	5184	0.610	0.205 #
7)	L1	Aroclor-1016 {3}	9.33	12.25	17095	4228	0.711	0.267 #
		Total Aroclor-1016			32563	10997	1.518	0.601
		Average Aroclor-1016					0.506	0.200
8)	L2	Aroclor-1221	0.00	8.02	0	3143	N.D.	0.514 #
9)	L2	Aroclor-1221 {2}	0.00	8.57	0	9040	N.D.	1.853 #
10)	L2	Aroclor-1221 {3}	5.66	8.80	11713	1585	0.580	0.103 #
		Total Aroclor-1221			11713	13768	0.580	2.471
		Average Aroclor-1221					0.580	0.824
11)	L3	Aroclor-1232	5.66	8.80	11713	1585	0.642	0.111 #
12)	L3	Aroclor-1232 {2}	6.80	10.33	5924	5184	0.434	0.432
13)	L3	Aroclor-1232 {3}	8.61	12.25	4787	4228	0.578	0.610
		Total Aroclor-1232			22425	10997	1.655	1.152
		Average Aroclor-1232					0.552	0.384
14)	L4	Aroclor-1242	8.22	11.67	36765	25444	0.902	0.881
15)	L4	Aroclor-1242 {2}	8.93	12.25	9544	4228	0.784	0.337 #
16)	L4	Aroclor-1242 {3}	10.08	14.02	15911	11940	0.983	0.978
		Total Aroclor-1242			62219	41612	2.669 2.09	2.196
		Average Aroclor-1242				892	0.890	0.732
17)	L5	Aroclor-1248	9.33	14.97	17095	11327	0.554	0.516
18)	L5	Aroclor-1248 {2}	10.08	15.19	15911	12294	0.612	0.541
19)	L5	Aroclor-1248 {3}	11.39	16.19	19831	8357	0.583	0.476
		Total Aroclor-1248			52837	31977	1.749	1.534
		Average Aroclor-1248					0.583	0.511

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-19A.D Vial: 65
Signal #2 : D:\HPCHEM\5\JL25\C680-19A.D\CONFIRM.D
Acq On : 27 Jul 96 04:46 PM Operator: JS
Sample : VHB/ PG T9 RERUN Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 27 17:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	11475	9745	~~0.391~~	0.402	
21) L6 Aroclor-1254 {2}	13.43	15.73	20534	11250	0.502 ✓	0.422	
22) L6 Aroclor-1254 {3}	15.82	17.58	14918	17394	0.489 ✓	0.467	
Total Aroclor-1254			46926	38389	~~1.382~~ 1.243	1.291	
Average Aroclor-1254					0.461	0.430	
				524			
23) L7 Aroclor-1260	13.92	18.21	11093	6891	0.352	0.244	#
24) L7 Aroclor-1260 {2}	14.71	18.53	9238	8008	0.250	0.246	
25) L7 Aroclor-1260 {3}	17.92	21.95	5693	5071	0.110	0.105	
Total Aroclor-1260			26025	19970	0.711	0.595	
Average Aroclor-1260					0.237	0.198	
26) L8 Aroclor-1268	18.86	0.00	1731	0	NoCal	N.D.	
27) L8 Aroclor-1268 {2}	19.03	0.00	4057	0	NoCal	N.D.	
28) L8 Aroclor-1268 {3}	21.82	0.00	3848	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.

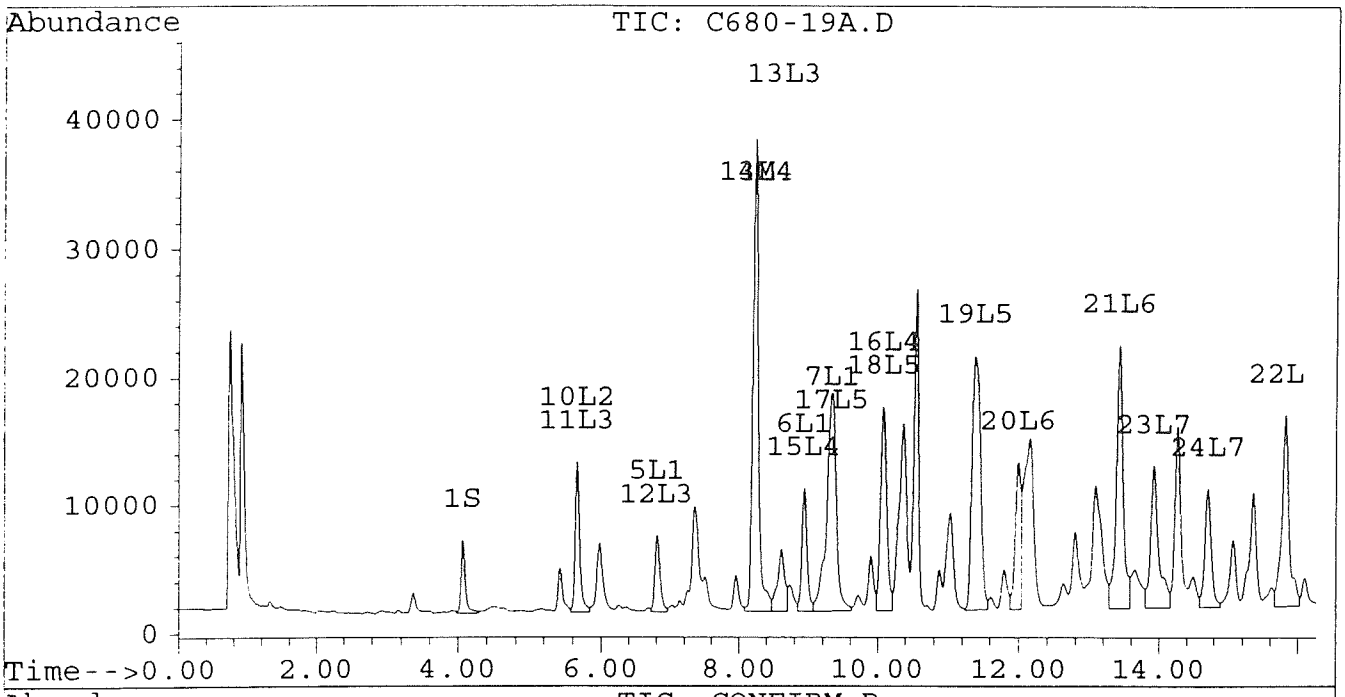
Quantitation Report

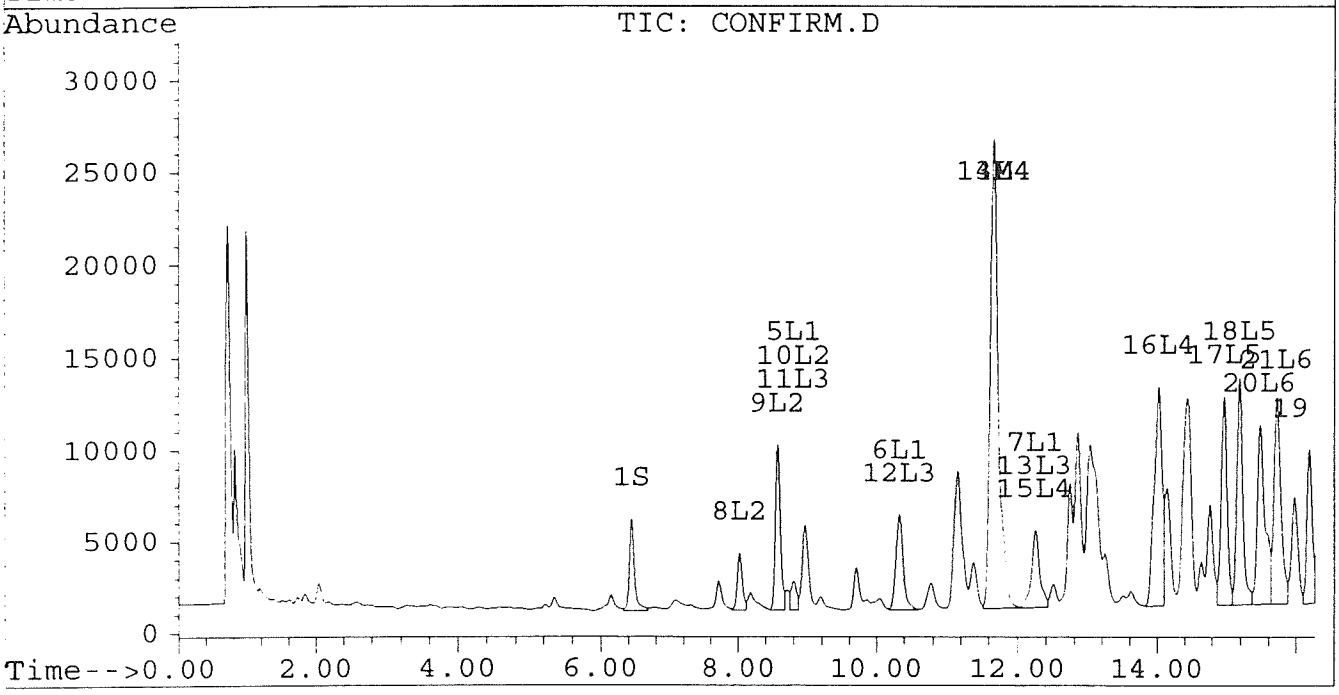
Signal #1 : D:\HPCHEM\5\JL25\C680-19A.D
Signal #2 : D:\HPCHEM\5\JL25\C680-19A.D\CONFIRM.D
Acq On : 27 Jul 96 04:46 PM
Sample : VHB/ PG T9 RERUN
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS
Quant Time: Jul 27 17:20 1996

Vial: 65
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



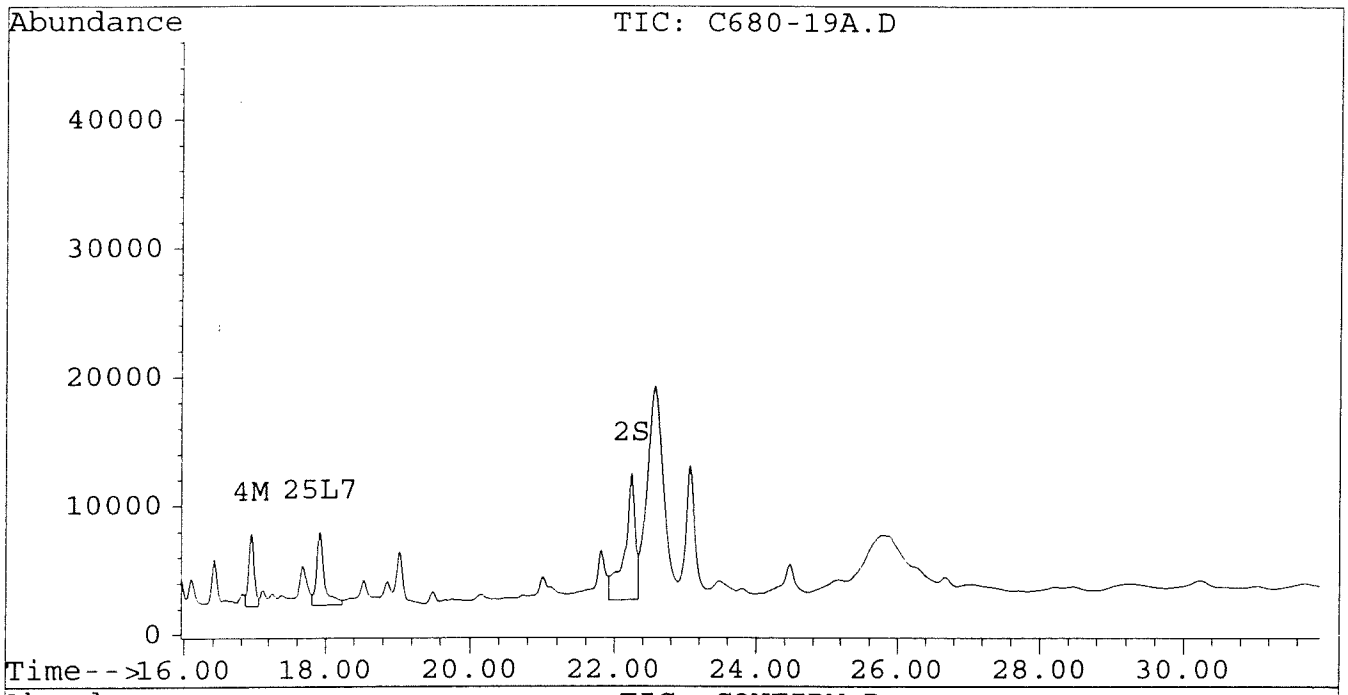


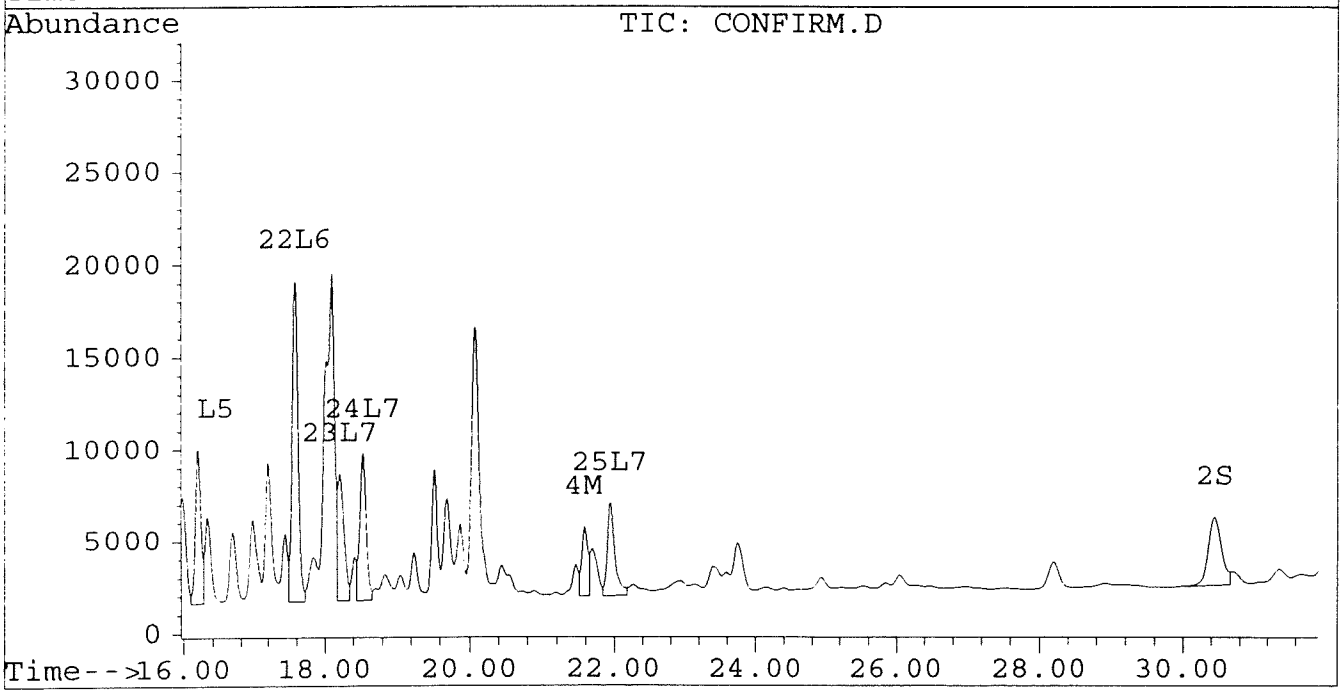
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\C680-19A.D Vial: 65
Signal #2 : D:\HPCHEM\5\JL25\C680-19A.D\CONFIRM.D
Acq On : 27 Jul 96 04:46 PM Operator: JS
Sample : VHB/ PG T9 RERUN Inst : ECD1
Misc : 30.5G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 27 17:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\C680-20B.D Vial: 45
Signal #2 : D:\HPCHEM\5\JL30\C680-20B.D\CONFIRM.D
Acq On : 31 Jul 96 09:17 PM Operator: JS
Sample : VHB/PG U2 1:50 DILUTION Inst : ECD1
Misc : 30.2G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 21:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.07	6.45	188	147	0.001	0.001	
					Recovery	=	2.50%	2.50%	
2)	S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.	
					Recovery	=	0.00%	0.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.23	11.68	34556	24190	0.311	0.256	
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.59	5926	3554	0.033	0.026	
5)	L1	Aroclor-1016	6.81	8.81	8549	1167	0.284	0.095	#
6)	L1	Aroclor-1016 {2}	8.94	10.33	8392	7440	0.537	0.295	#
7)	L1	Aroclor-1016 {3}	9.33	12.25	21174	3784	0.880	0.239	#
		Total Aroclor-1016			38115	12392	1.702	0.628	
		Average Aroclor-1016					0.567	0.209	
8)	L2	Aroclor-1221	0.00	8.03	0	247	N.D.	0.040	#
9)	L2	Aroclor-1221 {2}	5.52	8.57	284	992	0.049	0.203	#
10)	L2	Aroclor-1221 {3}	5.68	8.81	2388	1167	0.118	0.076	#
		Total Aroclor-1221			2673	2407	0.167	0.320	
		Average Aroclor-1221					0.083	0.107	
11)	L3	Aroclor-1232	5.68	8.81	2388	1167	0.131	0.081	#
12)	L3	Aroclor-1232 {2}	6.81	10.33	8549	7440	0.626	0.619	
13)	L3	Aroclor-1232 {3}	8.61	12.25	4336	3784	0.524	0.546	
		Total Aroclor-1232			15274	12392	1.281	1.246	
		Average Aroclor-1232					0.427	0.415	
14)	L4	Aroclor-1242	8.23	11.68	34556	24190	0.848	0.838	
15)	L4	Aroclor-1242 {2}	8.94	12.25	8392	3784	0.689	0.302	#
16)	L4	Aroclor-1242 {3}	10.08	14.02	18723	14002	~~1.156~~	1.146	
		Total Aroclor-1242			61671	41976	2.694 2.328	2.286	
		Average Aroclor-1242					0.898	0.762	
					43,419	~~44,000~~	~~8300~~		
17)	L5	Aroclor-1248	9.33	14.97	21174	~~12611~~	0.686	0.575	
18)	L5	Aroclor-1248 {2}	10.08	15.19	18723	13492	0.720	0.594	
19)	L5	Aroclor-1248 {3}	11.38	16.20	24225	7894	0.713	0.450	#
		Total Aroclor-1248			64122	33998	2.118	1.618	
		Average Aroclor-1248					0.706	0.539	

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

1.177

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-20B.D Vial: 45
Signal #2 : D:\HPCHEM\5\JL30\C680-20B.D\CONFIRM.D
Acq On : 31 Jul 96 09:17 PM Operator: JS
Sample : VHB/PG U2 1:50 DILUTION Inst : ECD1
Misc : 30.2G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 21:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.00	15.48	15012	11959	~~0.512~~	0.493
21) L6 Aroclor-1254 {2}	13.43	15.73	22833	13353	0.558 ✓	0.501
22) L6 Aroclor-1254 {3}	15.82	17.58	16902	19422	0.554 ✓	0.522
Total Aroclor-1254			54747	44735	~~1.624~~ 1.394	1.516
Average Aroclor-1254				31413	0.541	0.505
23) L7 Aroclor-1260	13.93	18.22	11145	6716	0.353	0.238 #
24) L7 Aroclor-1260 {2}	14.72	18.54	9671	8056	0.262	0.248
25) L7 Aroclor-1260 {3}	17.92	21.95	4297	3805	0.083	0.078
Total Aroclor-1260			25113	18576	0.698	0.564
Average Aroclor-1260					0.233	0.188
26) L8 Aroclor-1268	18.87	0.00	1062	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.04	0.00	3165	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.83	0.00	1764	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.

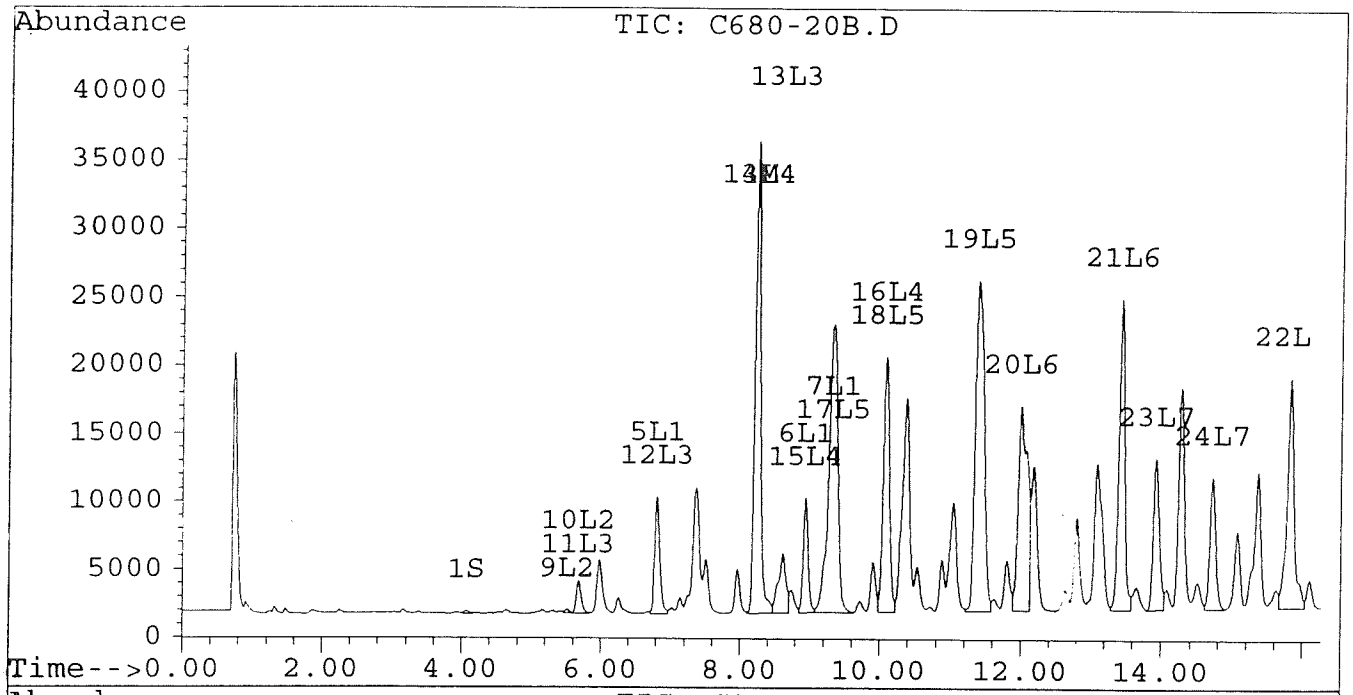
Quantitation Report

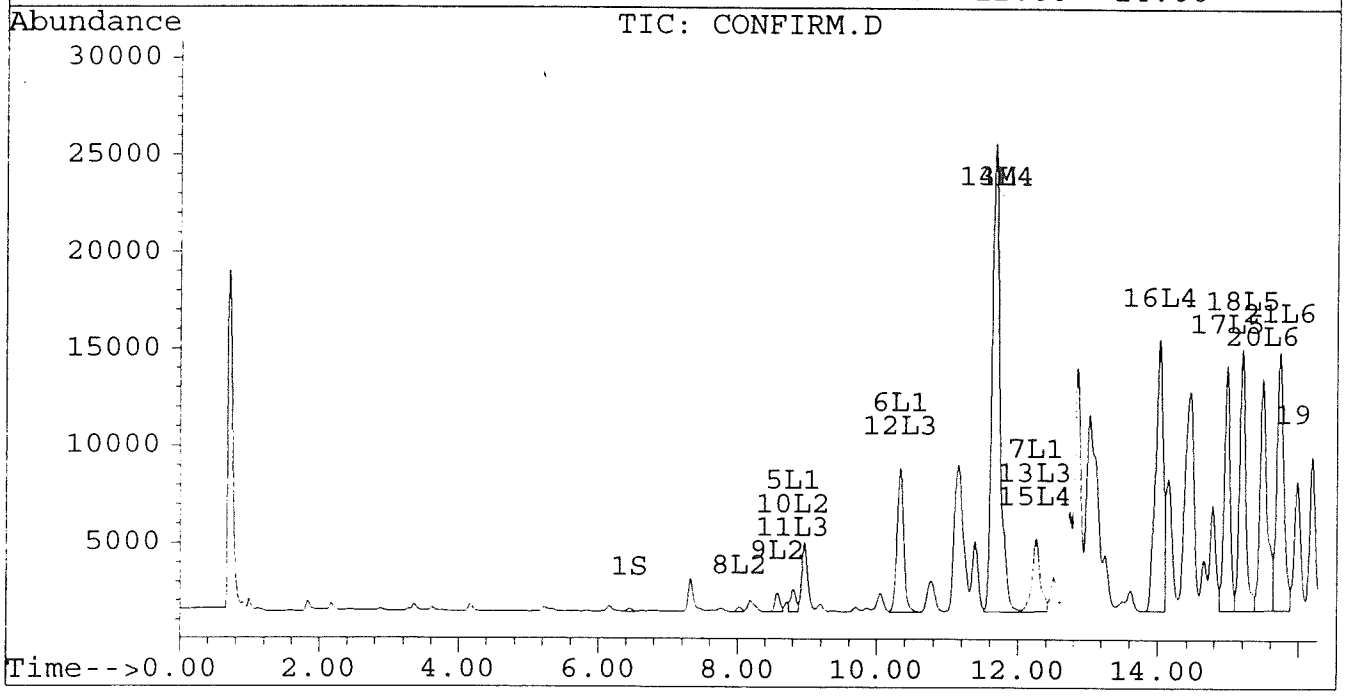
Signal #1 : D:\HPCHEM\5\JL30\C680-20B.D
Signal #2 : D:\HPCHEM\5\JL30\C680-20B.D\CONFIRM.D
Acq On : 31 Jul 96 09:17 PM
Sample : VHB/PG U2 1:50 DILUTION
Misc : 30.2G/10ML 88% SOLID PCB ANALYSIS
Quant Time: Jul 31 21:50 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



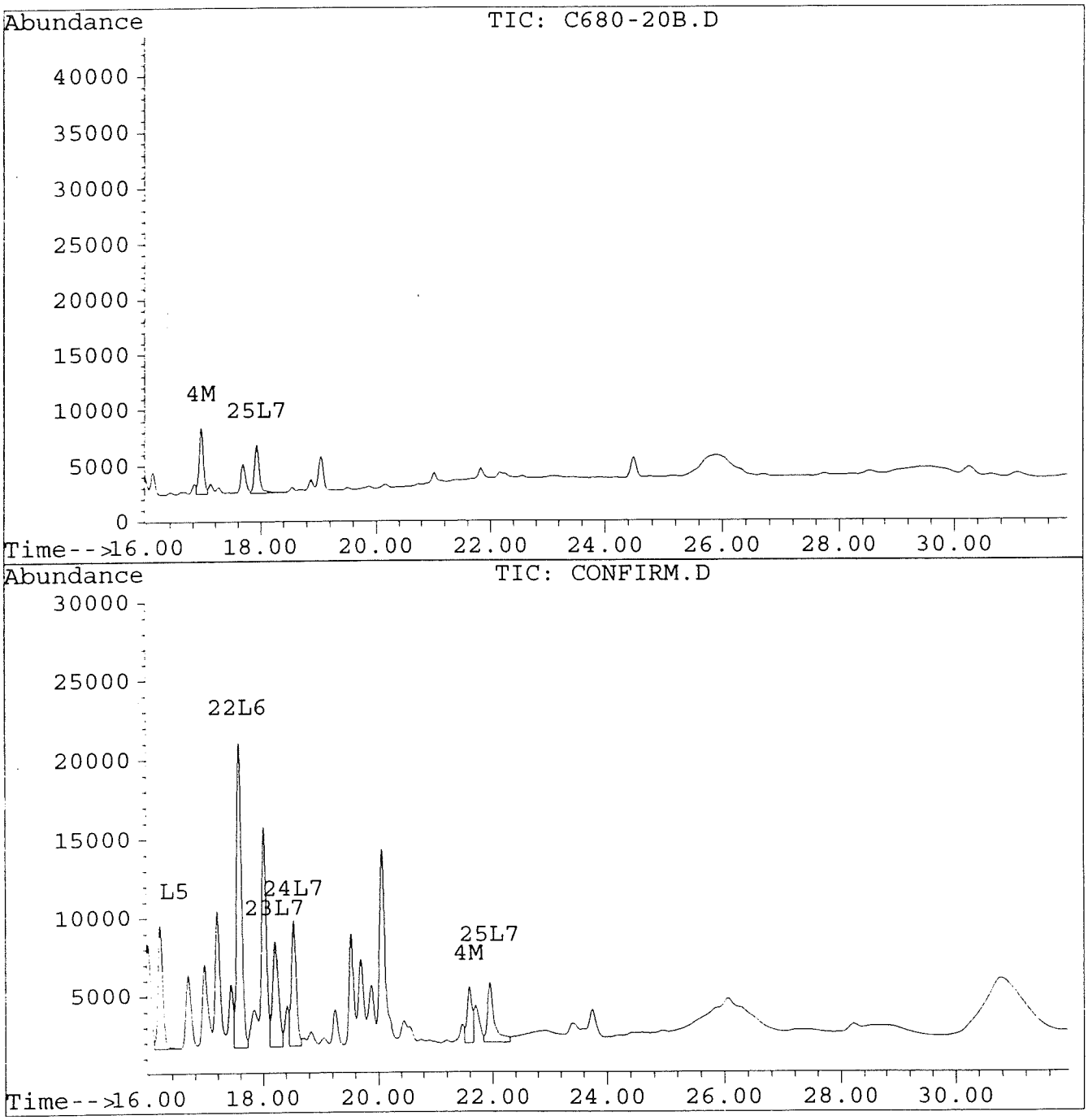


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-20B.D Vial: 45
Signal #2 : D:\HPCHEM\5\JL30\C680-20B.D\CONFIRM.D
Acq On : 31 Jul 96 09:17 PM Operator: JS
Sample : VHB/PG U2 1:50 DILUTION Inst : ECD1
Misc : 30.2G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 21:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\C680-21A.D Vial: 34
Signal #2 : D:\HPCHEM\5\JL30\C680-21A.D\CONFIRM.D
Acq On : 31 Jul 96 12:58 PM Operator: JS
Sample : VHB/PG U3 1:50 DILUTION Inst : ECD1
Misc : 30.5G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	4.08	6.45	250	216	0.001	0.001
				Recovery	=	2.50%	2.50%
2) S	Decachlorobiphenyl	22.16f	0.00	1857	0	0.009m	N.D. #
				Recovery	=	22.50%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.68	53334	35761	0.480	0.378
4) M	2,2',3,3',4,4'-Hexa	16.95	21.59	4130	2548	0.023	0.018
5) L1	Aroclor-1016	6.81	8.80	7003	978	0.233	0.079 #
6) L1	Aroclor-1016 {2}	8.95	10.33	16708	6087	1.068	0.241 #
7) L1	Aroclor-1016 {3}	9.34	12.25	25404	4921	1.056	0.311 #
Total	Aroclor-1016			49115	11986	2.358	0.631
Average	Aroclor-1016					0.786	0.210
8) L2	Aroclor-1221	5.10	8.03	108	231	0.015	0.038 #
9) L2	Aroclor-1221 {2}	5.52	8.58	251	566	0.043	0.116 #
10) L2	Aroclor-1221 {3}	5.70	8.80	2585	978	0.128	0.064 #
Total	Aroclor-1221			2944	1774	0.186	0.217
Average	Aroclor-1221					0.062	0.072
11) L3	Aroclor-1232	5.70	8.80	2585	978	0.142	0.068 #
12) L3	Aroclor-1232 {2}	6.81	10.33	7003	6087	0.513	0.507
13) L3	Aroclor-1232 {3}	8.62	12.25	5797	4921	0.700	0.710
Total	Aroclor-1232			15385	11986	1.355	1.285
Average	Aroclor-1232					0.452	0.428
14) L4	Aroclor-1242	8.23	11.68	53334	35761	1.309	1.238
15) L4	Aroclor-1242 {2}	8.95	12.25	16708	4921	1.372	0.392 #
16) L4	Aroclor-1242 {3}	10.09	14.02	23349	16087	~~1.442~~	1.317
Total	Aroclor-1242			93390	56769	~~4.123~~	2.948
Average	Aroclor-1242				74991	1.374	0.983
17) L5	Aroclor-1248	9.34	14.97	25404	13700	0.823	0.625
18) L5	Aroclor-1248 {2}	10.09	15.19	23349	15531	0.897	0.684
19) L5	Aroclor-1248 {3}	11.40	16.20	25383	10447	0.747	0.595
Total	Aroclor-1248			74136	39677	2.467	1.903
Average	Aroclor-1248					0.822	0.634

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-21A.D Vial: 34
Signal #2 : D:\HPCHEM\5\JL30\C680-21A.D\CONFIRM.D
Acq On : 31 Jul 96 12:58 PM Operator: JS
Sample : VHB/PG U3 1:50 DILUTION Inst : ECD1
Misc : 30.5G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.00	15.49	12245	9738	~~0.417~~	0.401
21) L6 Aroclor-1254 {2}	13.44	15.73	18436	10676	0.450 ✓	0.400
22) L6 Aroclor-1254 {3}	15.83	17.58	12290	14890	0.403 ✓	0.400
Total Aroclor-1254			42970	35304	~~1.271~~ 1.276	1.202
Average Aroclor-1254					0.424	0.401
				23859		(2400 ug/kg)
23) L7 Aroclor-1260	13.93	18.21	8826	5030	0.280	0.178 #
24) L7 Aroclor-1260 {2}	14.72	18.54	7274	5701	0.197	0.175
25) L7 Aroclor-1260 {3}	17.92	21.96	3785	2727	0.073	0.056
Total Aroclor-1260			19885	13458	0.549	0.410
Average Aroclor-1260					0.183	0.137
26) L8 Aroclor-1268	18.86	0.00	1246	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.04	0.00	2387	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.83	0.00	2095	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\JL30\C680-21A.D
Signal #2 : D:\HPCHEM\5\JL30\C680-21A.D\CONFIRM.D
Acq On : 31 Jul 96 12:58 PM
Sample : VHB/PG U3 1:50 DILUTION
Misc : 30.5G/10ML 88% SOLID PCB ANALYSIS
Quant Time: Aug 1 16:07 1996

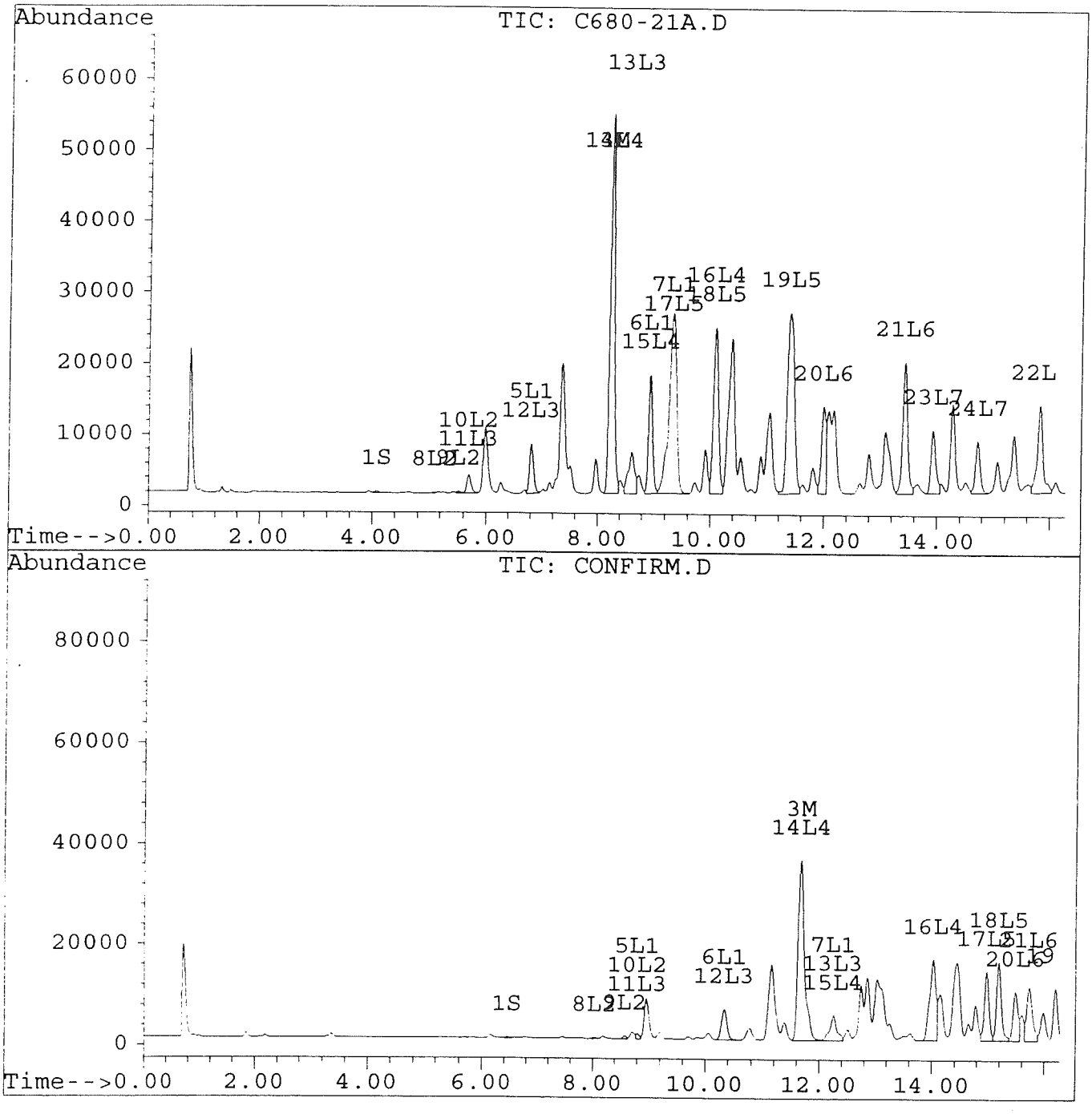
Vial: 34

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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

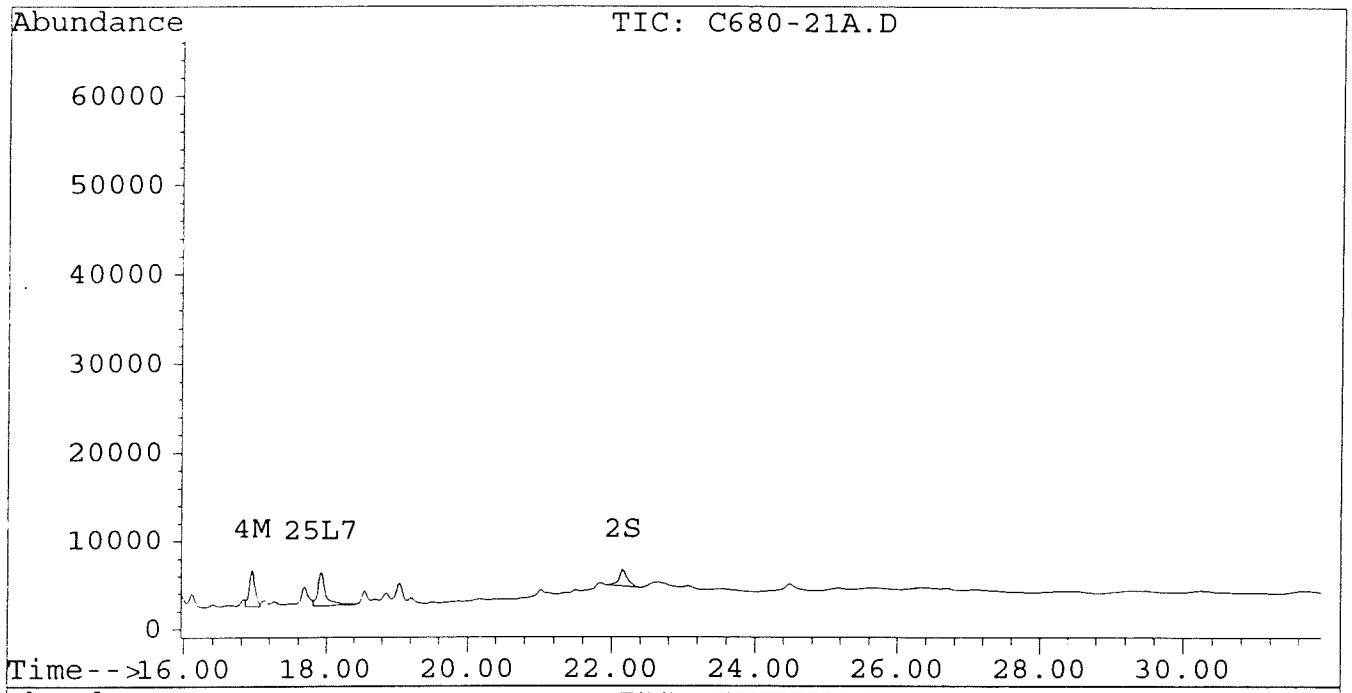


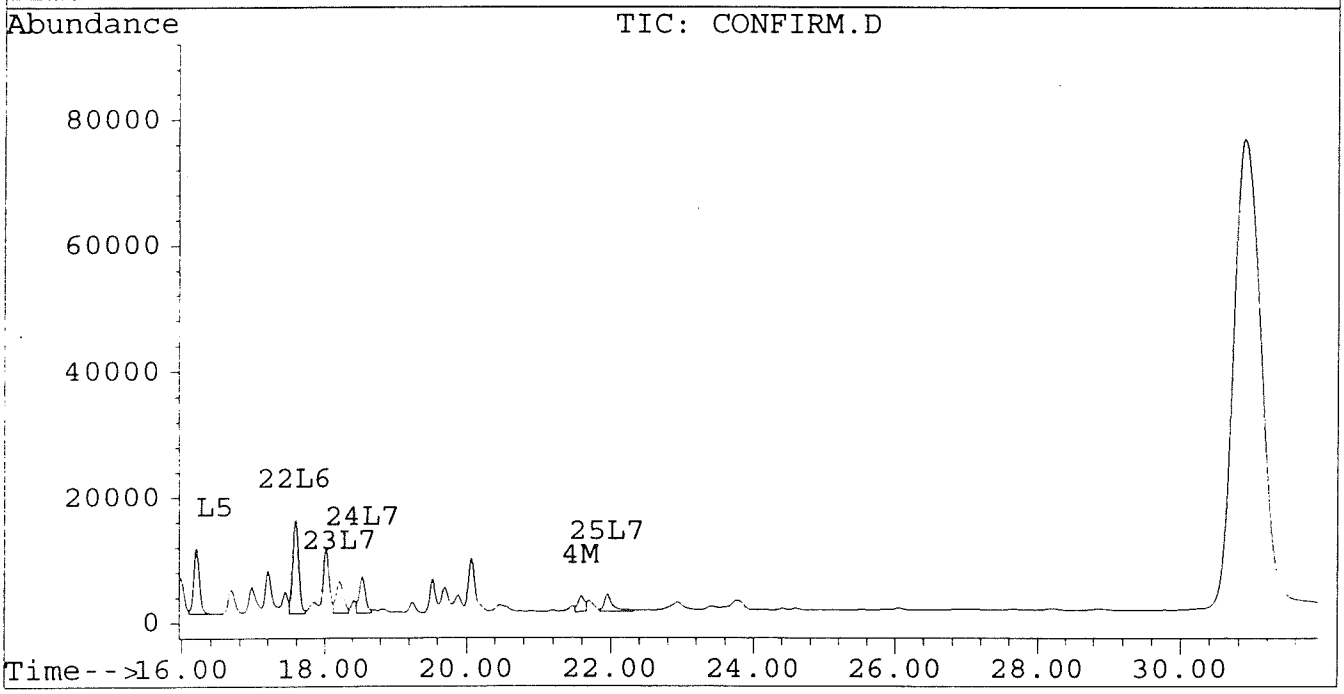
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-21A.D Vial: 34
Signal #2 : D:\HPCHEM\5\JL30\C680-21A.D\CONFIRM.D
Acq On : 31 Jul 96 12:58 PM Operator: JS
Sample : VHB/PG U3 1:50 DILUTION Inst : ECD1
Misc : 30.5G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\680-21MA.D Vial: 35
Signal #2 : D:\HPCHEM\5\JL30\680-21MA.D\CONFIRM.D
Acq On : 31 Jul 96 01:34 PM Operator: JS
Sample : VHB/PG U3 MS 1:50 DILUTION Inst : ECD1
Misc : 30.0G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.07	6.45	263	214	0.001	0.001	
				Recovery	=	2.50%	2.50%	
2)	S Decachlorobiphenyl	22.25	30.46	309	107	0.002m	0.001	
				Recovery	=	5.00%	2.50%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.23	11.68	57844	39086	0.521	0.413	
4)	M 2,2',3,3',4,4'-Hexa	16.95	21.59	4953	3114	0.028	0.023	
5)	L1 Aroclor-1016	6.81	8.80	8266	1138	0.275	0.092	#
6)	L1 Aroclor-1016 (2)	8.94	10.33	17993	7123	1.151	0.282	#
7)	L1 Aroclor-1016 (3)	9.34	12.25	27082	5469	1.126	0.345	#
	Total Aroclor-1016			53342	13729	2.552	0.720	
	Average Aroclor-1016					0.851	0.240	
8)	L2 Aroclor-1221	5.10	8.03	148	265	0.021	0.043	#
9)	L2 Aroclor-1221 (2)	5.52	8.58	315	862	0.054	0.177	#
10)	L2 Aroclor-1221 (3)	5.69	8.80	3048	1138	0.151	0.074	#
	Total Aroclor-1221			3510	2265	0.226	0.294	
	Average Aroclor-1221					0.075	0.098	
11)	L3 Aroclor-1232	5.69	8.80	3048	1138	0.167	0.079	#
12)	L3 Aroclor-1232 (2)	6.81	10.33	8266	7123	0.606	0.593	
13)	L3 Aroclor-1232 (3)	8.62	12.25	6556	5469	0.792	0.789	
	Total Aroclor-1232			17870	13729	1.565	1.461	
	Average Aroclor-1232					0.522	0.487	
14)	L4 Aroclor-1242	8.23	11.68	57844	39086	1.420✓	1.353	
15)	L4 Aroclor-1242 (2)	8.94	12.25	17993	5469	1.478✓	0.436	#
16)	L4 Aroclor-1242 (3)	10.09	14.02	24889	17339	~~1.537~~ 1.516	1.420	
	Total Aroclor-1242			100726	61894	~~4.434~~ 4.39	3.209	
	Average Aroclor-1242					1.478	1.070	
17)	L5 Aroclor-1248	9.34	14.97	27082	14583	0.87~~7~~ 0.8	0.665	
18)	L5 Aroclor-1248 (2)	10.09	15.19	24889	16652	0.957	0.733	
19)	L5 Aroclor-1248 (3)	11.39	16.20	26969	11174	0.793	0.636	
	Total Aroclor-1248			78940	42409	2.627	2.034	
	Average Aroclor-1248					0.876	0.678	

8/24/11

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\680-21MA.D Vial: 35
Signal #2 : D:\HPCHEM\5\JL30\680-21MA.D\CONFIRM.D
Acq On : 31 Jul 96 01:34 PM Operator: JS
Sample : VHB/PG U3 MS 1:50 DILUTION Inst : ECD1
Misc : 30.0G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.00	15.49	12878	10380	~~0.439~~	0.428
21) L6	Aroclor-1254 {2}	13.43	15.73	19153	11307	0.468	0.424
22) L6	Aroclor-1254 {3}	15.83	17.58	12472	15536	0.409	0.417
Total	Aroclor-1254			44503	37223	~~1.316~~ 1.32	1.269
Average	Aroclor-1254					0.439	~~0.423~~
23) L7	Aroclor-1260	13.93	18.21	9097	5210	0.288	0.183 #
24) L7	Aroclor-1260 {2}	14.72	18.54	7389	5955	0.200	0.183
25) L7	Aroclor-1260 {3}	17.93	21.95	3126	2698	0.060	0.056
Total	Aroclor-1260			19612	13864	0.548	0.423
Average	Aroclor-1260					0.183	0.141
26) L8	Aroclor-1268	18.86	0.00	979	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.04	0.00	2338	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.83	0.00	1736	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

25,000 ug/kg

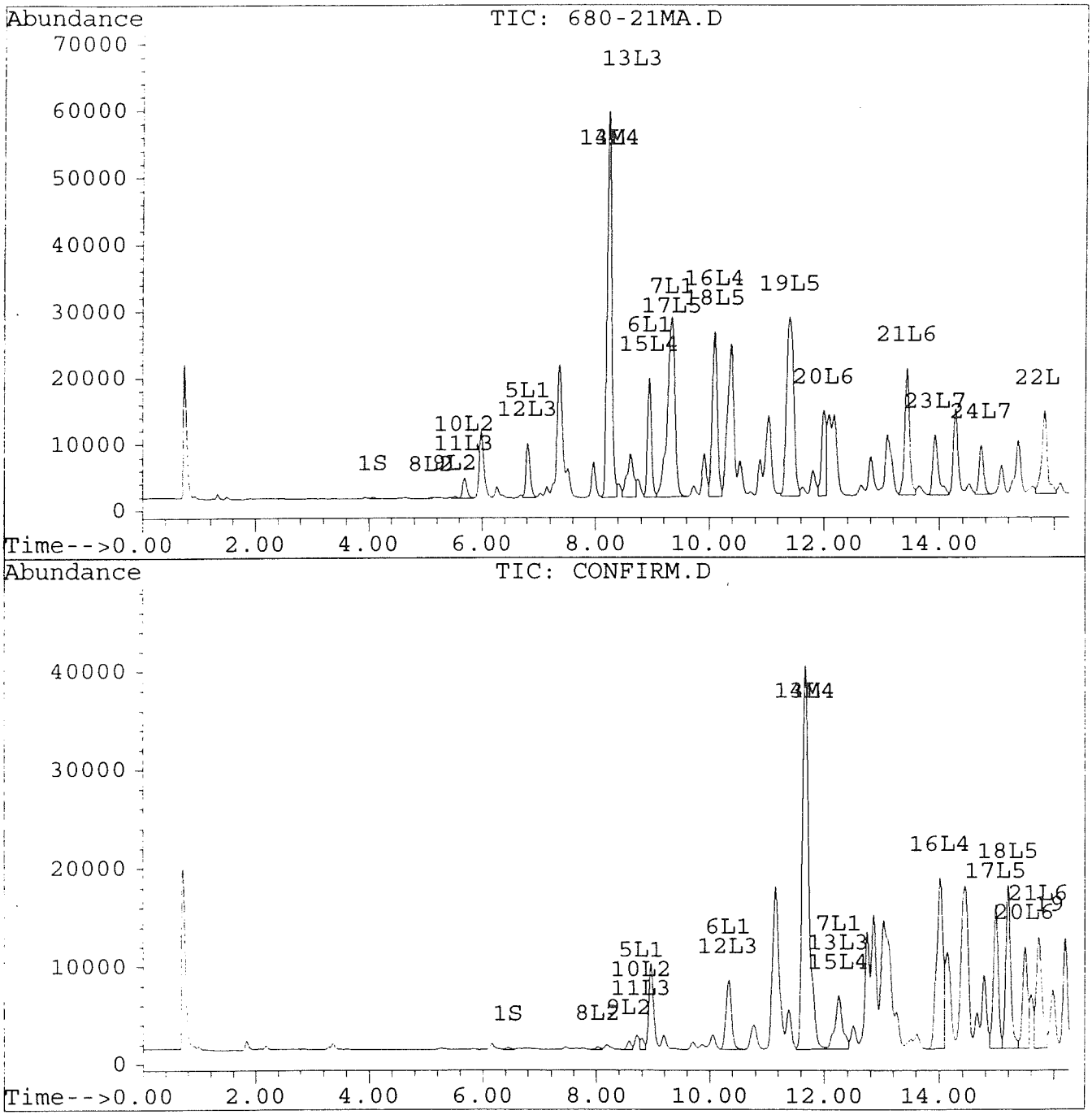
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\680-21MA.D Vial: 35
Signal #2 : D:\HPCHEM\5\JL30\680-21MA.D\CONFIRM.D
Acq On : 31 Jul 96 01:34 PM Operator: JS
Sample : VHB/PG U3 MS 1:50 DILUTION Inst : ECD1
Misc : 30.0G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

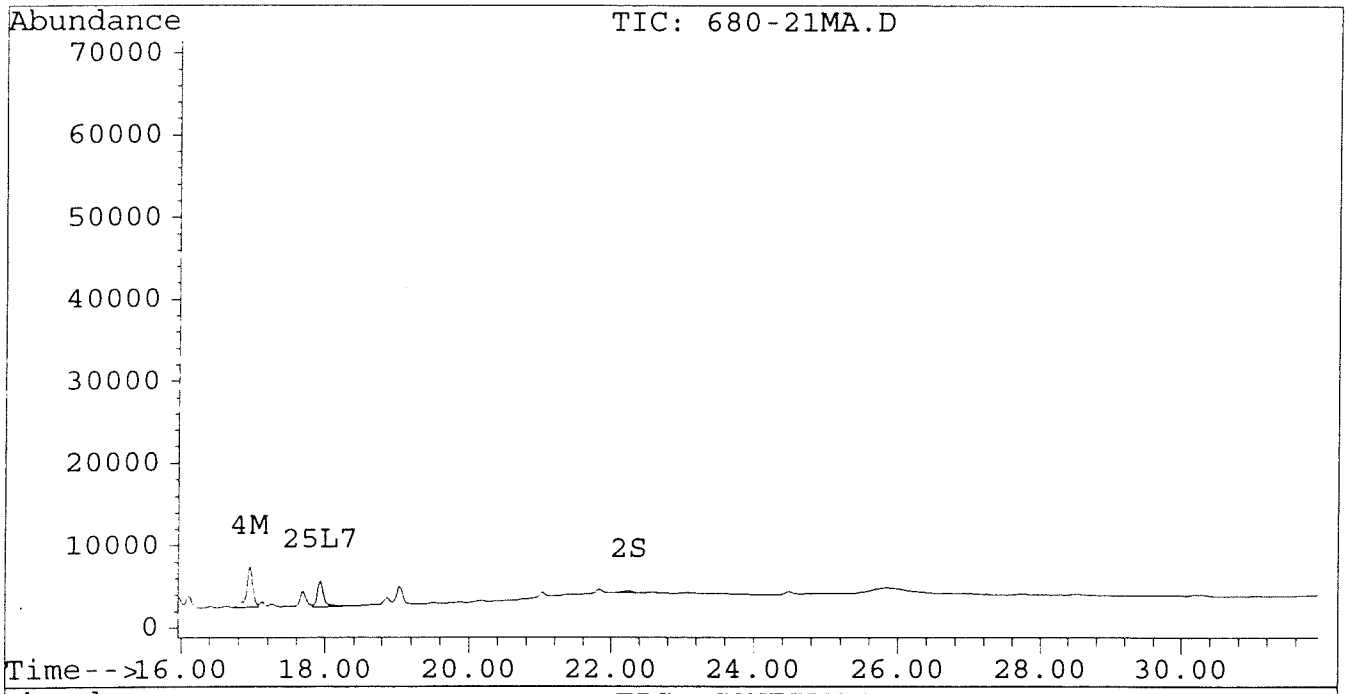


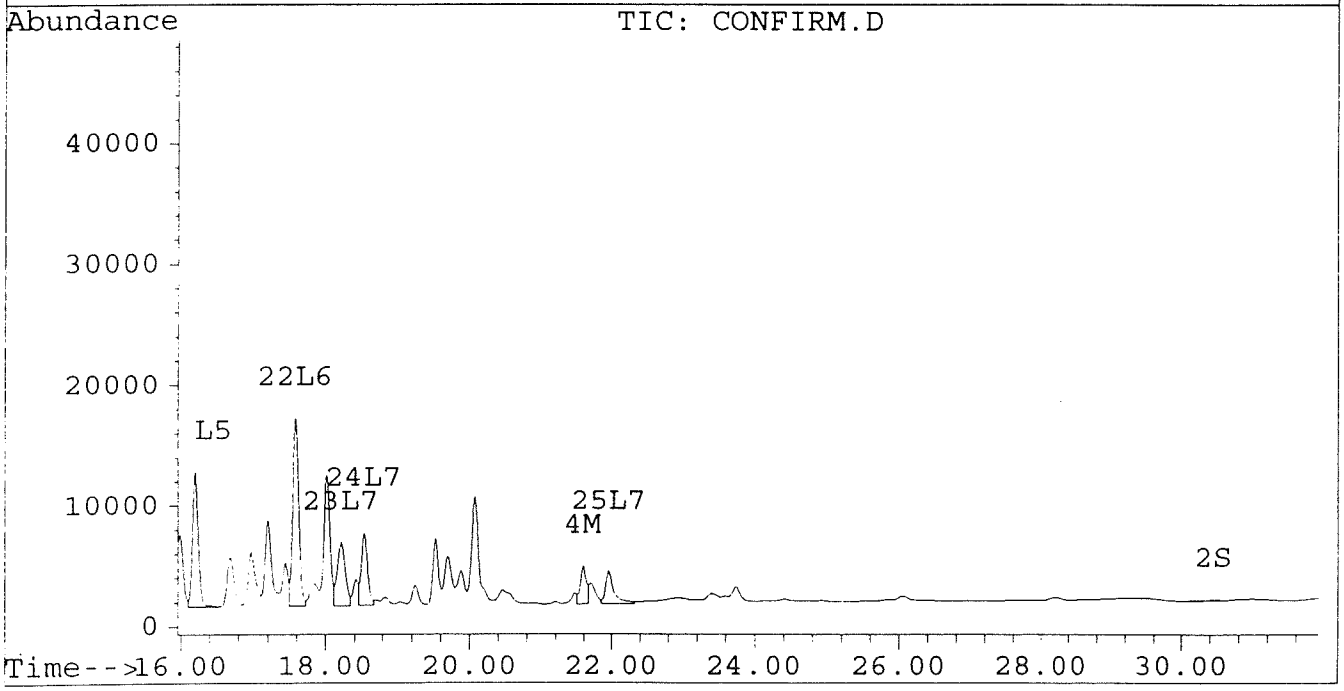
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\680-21MA.D Vial: 35
Signal #2 : D:\HPCHEM\5\JL30\680-21MA.D\CONFIRM.D
Acq On : 31 Jul 96 01:34 PM Operator: JS
Sample : VHB/PG U3 MS 1:50 DILUTION Inst : ECD1
Misc : 30.0G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\680-21DA.D Vial: 36
Signal #2 : D:\HPCHEM\5\JL30\680-21DA.D\CONFIRM.D
Acq On : 31 Jul 96 02:09 PM Operator: JS
Sample : VHB/PG U3 MSD 1:50 DILUTION Inst : ECD1
Misc : 30.5G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.07	6.45	270	236	0.001	0.001	
					Recovery	=	2.50%	2.50%	
2)	S	Decachlorobiphenyl	22.24	0.00	317	0	0.002m	N.D.	#
					Recovery	=	5.00%	0.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.23	11.67	77115	52907	0.694	0.559	
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.59	5724	3593	0.032	0.026	
5)	L1	Aroclor-1016	6.81	8.80	12137	1527	0.404	0.124	#
6)	L1	Aroclor-1016 {2}	8.94	10.33	24570	10433	1.571	0.413	#
7)	L1	Aroclor-1016 {3}	9.34	12.25	34690	8229	1.442	0.520	#
	Total	Aroclor-1016			71397	20189	3.417	1.057	
	Average	Aroclor-1016					1.139	0.352	
8)	L2	Aroclor-1221	5.10	8.03	178	302	0.025	0.049	#
9)	L2	Aroclor-1221 {2}	5.52	8.58	422	855	0.072	0.175	#
10)	L2	Aroclor-1221 {3}	5.69	8.80	3982	1527	0.197	0.099	#
	Total	Aroclor-1221			4583	2683	0.295	0.324	
	Average	Aroclor-1221					0.098	0.108	
11)	L3	Aroclor-1232	5.69	8.80	3982	1527	0.218	0.107	#
12)	L3	Aroclor-1232 {2}	6.81	10.33	12137	10433	0.889	0.868	
13)	L3	Aroclor-1232 {3}	8.62	12.25	9850	8229	1.190	1.187	
	Total	Aroclor-1232			25969	20189	2.298	2.162	
	Average	Aroclor-1232					0.766	0.721	
14)	L4	Aroclor-1242	8.23	11.67	77115	52907	1.893	1.832	
15)	L4	Aroclor-1242 {2}	8.94	12.25	24570	8229	2.018	0.656	#
16)	L4	Aroclor-1242 {3}	10.08	14.02	32173	22746	~~1.987~~	1.862	
	Total	Aroclor-1242			133858	83881	~~5.897~~	4.350	
	Average	Aroclor-1242					1.966	1.450	
17)	L5	Aroclor-1248	9.34	14.97	34690	18845	1.124	~~0.859~~	
18)	L5	Aroclor-1248 {2}	10.08	15.19	32173	21476	1.237	0.945	
19)	L5	Aroclor-1248 {3}	11.39	16.20	33968	14689	0.999	0.836	
	Total	Aroclor-1248			100831	55010	3.360	2.641	
	Average	Aroclor-1248					1.120	0.880	

109395 5926 110000 ug/L

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\680-21DA.D Vial: 36
Signal #2 : D:\HPCHEM\5\JL30\680-21DA.D\CONFIRM.D
Acq On : 31 Jul 96 02:09 PM Operator: JS
Sample : VHB/PG U3 MSD 1:50 DILUTION Inst : ECD1
Misc : 30.5G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.00	15.48	15537	12892	~~0.530~~	0.532
21) L6 Aroclor-1254 {2}	13.43	15.73	23283	13906	0.569 ✓	0.521
22) L6 Aroclor-1254 {3}	15.83	17.58	14901	19182	0.489 ✓	0.515
Total Aroclor-1254			53721	45980	~~1.587~~ 1.66	1.568
Average Aroclor-1254				29593	~~0.529~~ 1.603	0.523
23) L7 Aroclor-1260	13.93	18.21	11065	6293	0.351	~~0.223~~ #
24) L7 Aroclor-1260 {2}	14.72	18.54	8682	7015	0.235	0.216
25) L7 Aroclor-1260 {3}	17.92	21.95	3532	3143	0.068	0.065
Total Aroclor-1260			23279	16451	0.654	0.503
Average Aroclor-1260					0.218	0.168
26) L8 Aroclor-1268	18.86	0.00	1060	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.04	0.00	2630	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.83	0.00	1790	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

30,000 ug/kg

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

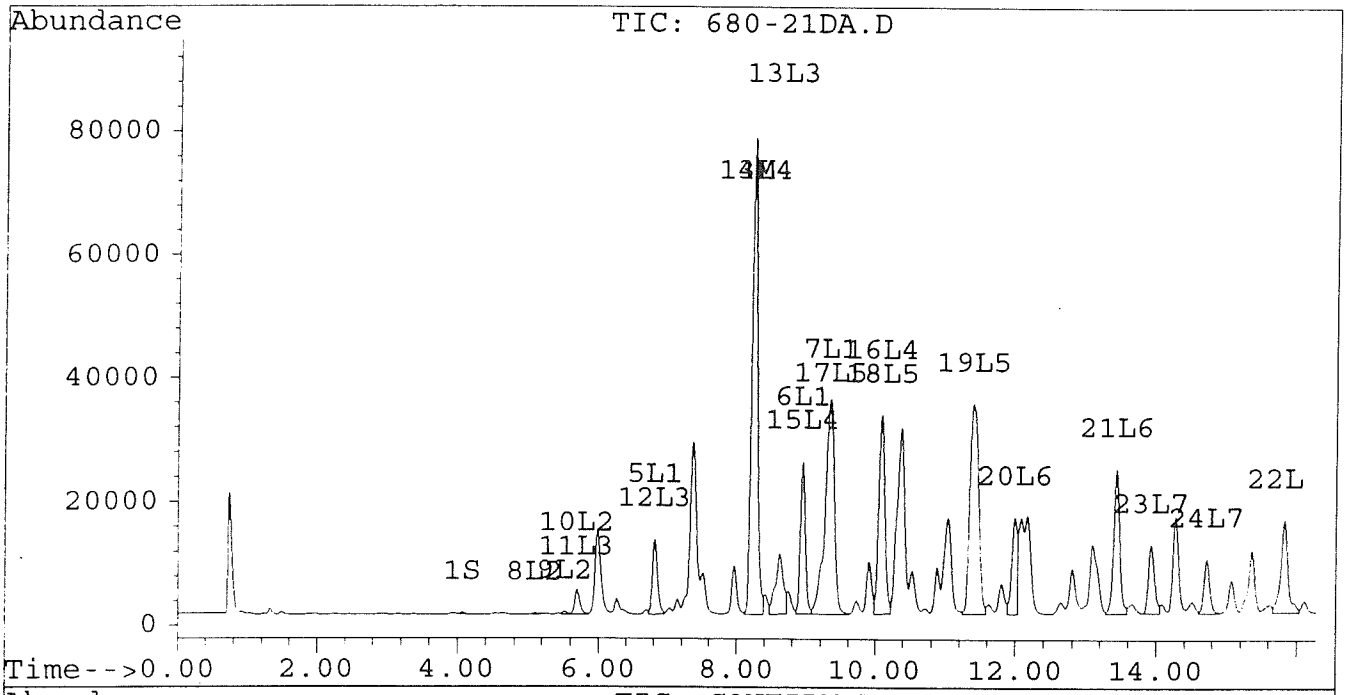
Quantitation Report

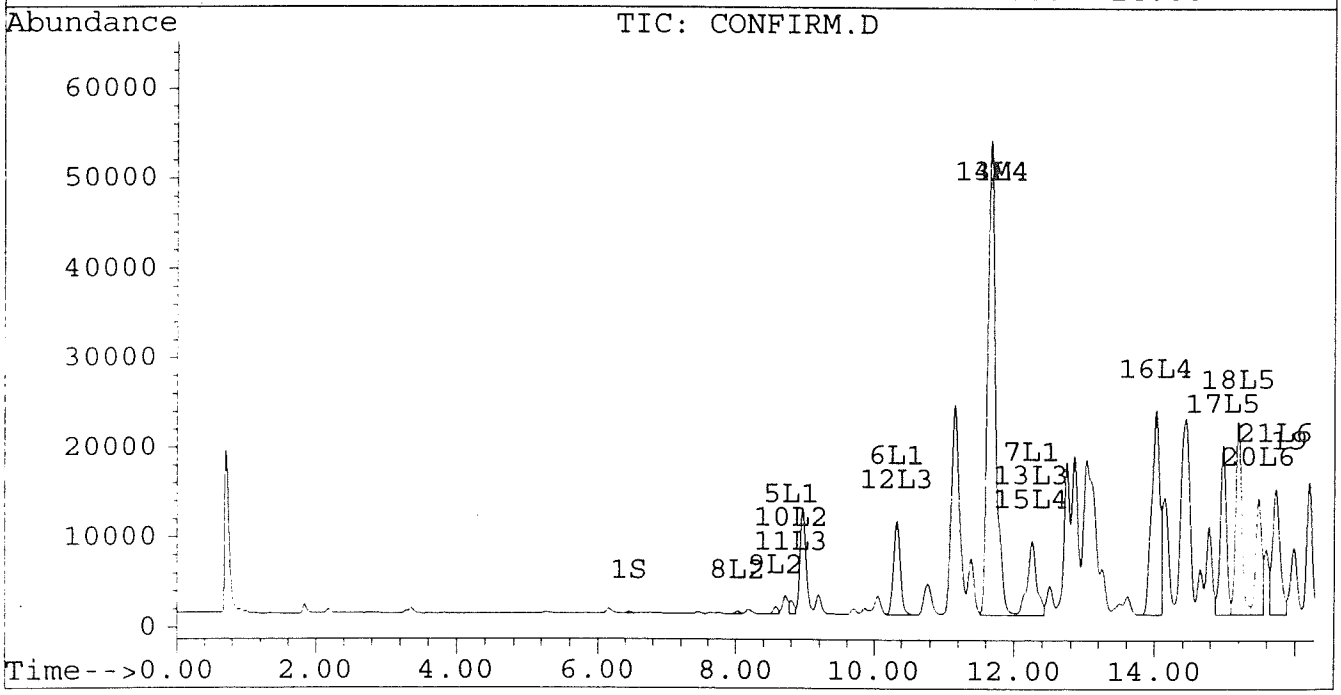
Signal #1 : D:\HPCHEM\5\JL30\680-21DA.D
Signal #2 : D:\HPCHEM\5\JL30\680-21DA.D\CONFIRM.D
Acq On : 31 Jul 96 02:09 PM
Sample : VHB/PG U3 MSD 1:50 DILUTION
Misc : 30.5G/10ML 88% SOLID PCB ANALYSIS
Quant Time: Aug 1 16:08 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



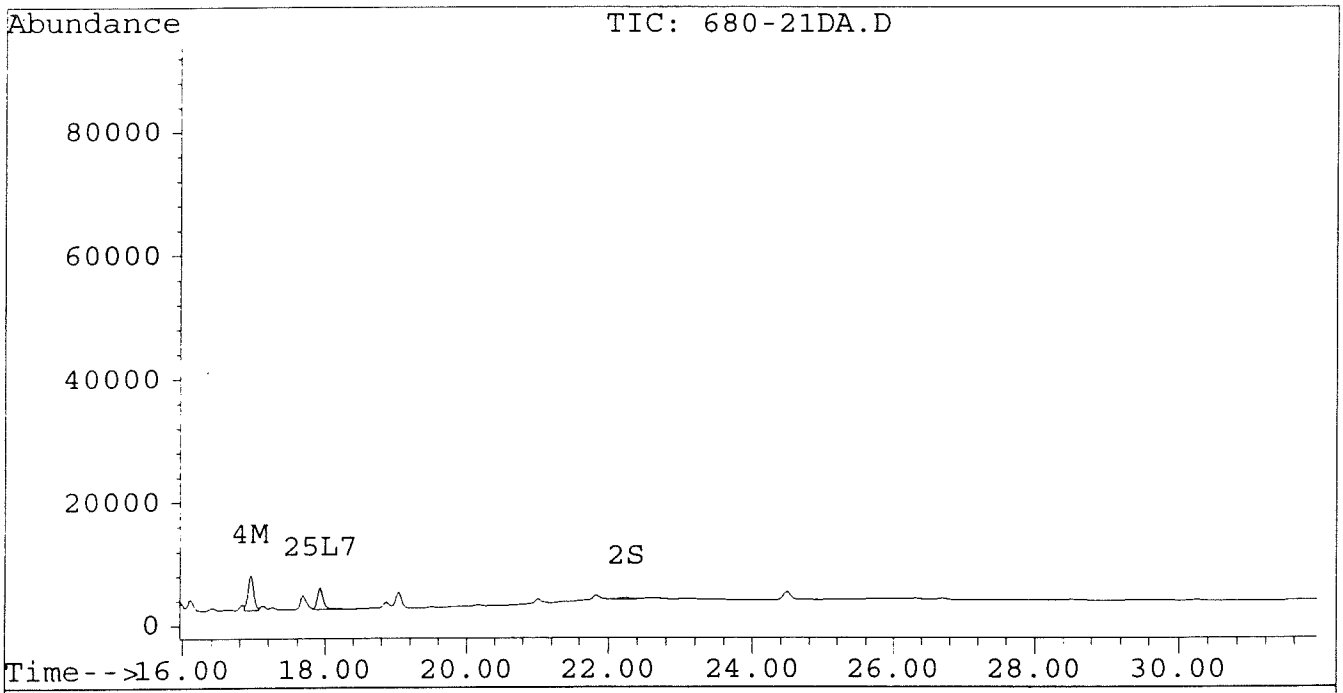


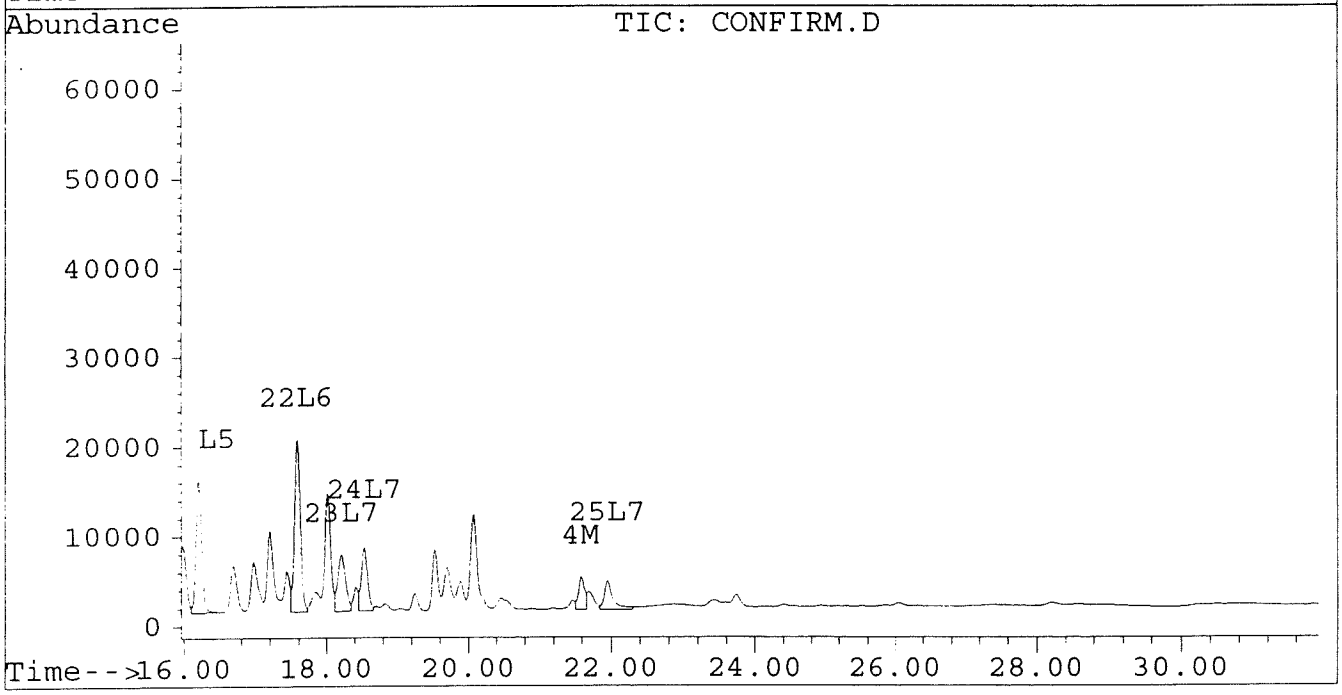
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\680-21DA.D Vial: 36
Signal #2 : D:\HPCHEM\5\JL30\680-21DA.D\CONFIRM.D
Acq On : 31 Jul 96 02:09 PM Operator: JS
Sample : VHB/PG U3 MSD 1:50 DILUTION Inst : ECD1
Misc : 30.5G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\C680-22A.D Vial: 37
Signal #2 : D:\HPCHEM\5\JL30\C680-22A.D\CONFIRM.D
Acq On : 31 Jul 96 02:45 PM Operator: JS
Sample : VHB/PG U8 1:20 DILUTION Inst : ECD1
Misc : 30.1G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.45	512	360	0.002	0.002
				Recovery	=	5.00%	5.00%
2) S	Decachlorobiphenyl	22.16f	30.47	2530	296	0.013m	0.003 #
				Recovery	=	32.50%	7.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.68	59956	41110	0.540	0.435
4) M	2,2',3,3',4,4'-Hexa	16.95	21.59	5938	3526	0.033	0.026
5) L1	Aroclor-1016	6.81	8.80	12153	1939	0.404	0.157 #
6) L1	Aroclor-1016 (2)	8.94	10.33	18344	10425	1.173	0.413 #
7) L1	Aroclor-1016 (3)	9.33	12.25	30109	7527	1.252	0.475 #
Total	Aroclor-1016			60607	19891	2.829	1.046
Average	Aroclor-1016					0.943	0.349
8) L2	Aroclor-1221	5.09	8.03	197	507	0.028	0.083 #
9) L2	Aroclor-1221 (2)	5.52	8.57	457	1146	0.078	0.235 #
10) L2	Aroclor-1221 (3)	5.69	8.80	4080	1939	0.202	0.126 #
Total	Aroclor-1221			4735	3592	0.308	0.444
Average	Aroclor-1221					0.103	0.148
11) L3	Aroclor-1232	5.69	8.80	4080	1939	0.224	0.135 #
12) L3	Aroclor-1232 (2)	6.81	10.33	12153	10425	0.891	0.868
13) L3	Aroclor-1232 (3)	8.61	12.25	8618	7527	1.041	1.085
Total	Aroclor-1232			24852	19891	2.155	2.089
Average	Aroclor-1232					0.718	0.696
14) L4	Aroclor-1242	8.23	11.68	59956	41110	1.472	1.423
15) L4	Aroclor-1242 (2)	8.94	12.25	18344	7527	1.506	0.600 #
16) L4	Aroclor-1242 (3)	10.08	14.02	27779	19972	~~1.715~~	1.635
Total	Aroclor-1242			106079	68609	~~4.693~~	3.659
Average	Aroclor-1242					1.564	1.220
17) L5	Aroclor-1248	9.33	14.97	30109	16536	0.976	0.754
18) L5	Aroclor-1248 (2)	10.08	15.19	27779	18457	1.068	0.813
19) L5	Aroclor-1248 (3)	11.39	16.20	30465	11923	0.896	0.679
Total	Aroclor-1248			88353	46916	2.939	2.245
Average	Aroclor-1248					0.980	0.748

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-22A.D Vial: 37
Signal #2 : D:\HPCHEM\5\JL30\C680-22A.D\CONFIRM.D
Acq On : 31 Jul 96 02:45 PM Operator: JS
Sample : VHB/PG U8 1:20 DILUTION Inst : ECD1
Misc : 30.1G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.49	15929	14054	~~0.543~~	0.579
21) L6	Aroclor-1254 {2}	13.43	15.73	24660	14166	0.602	0.531
22) L6	Aroclor-1254 {3}	15.83	17.58	17341	20269	0.569	0.545
Total	Aroclor-1254			57931	48489	1.714	1.655
Average	Aroclor-1254				12,293	~~0.571~~ 1.714	0.552 (1200 ug/L)
23) L7	Aroclor-1260	13.93	18.21	11668	6983	0.370	0.248 #
24) L7	Aroclor-1260 {2}	14.71	18.54	10517	8087	0.284	0.249
25) L7	Aroclor-1260 {3}	17.92	21.95	4401	3540	0.085	0.073
Total	Aroclor-1260			26585	18610	0.739	0.569
Average	Aroclor-1260					0.246	0.190
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.04	0.00	3019	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.82	0.00	1710	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

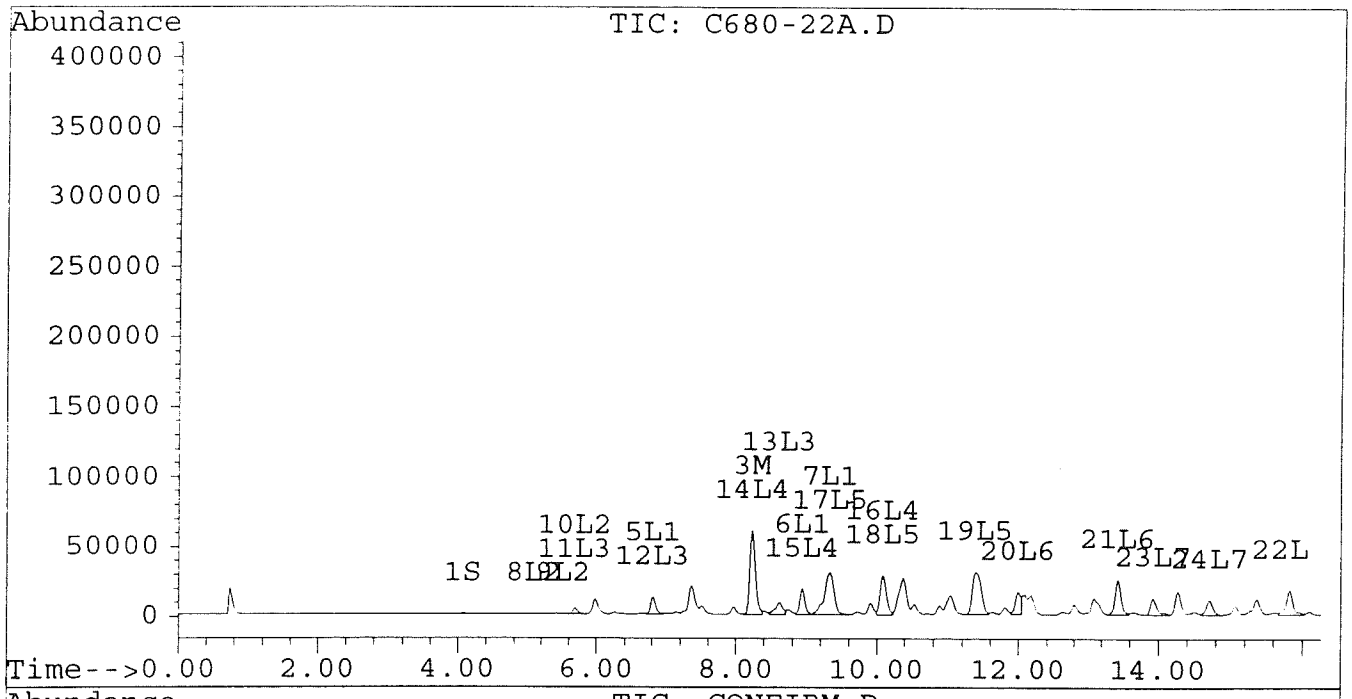
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

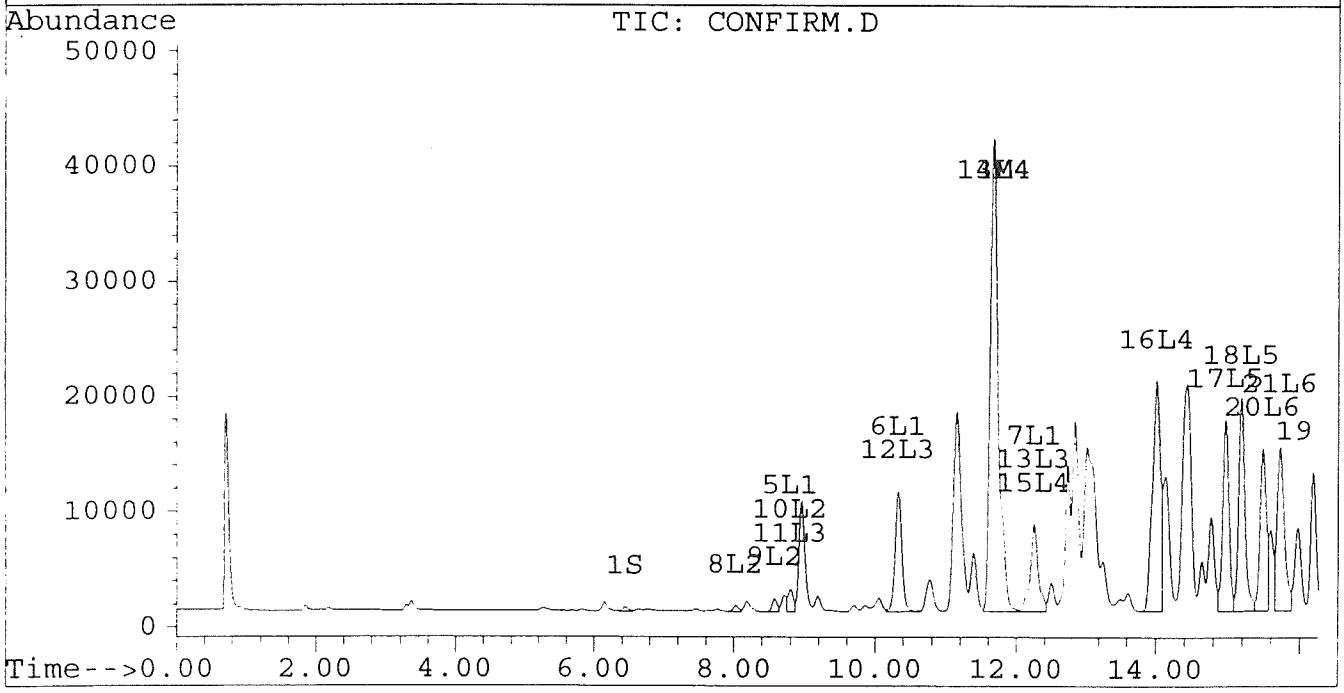
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-22A.D Vial: 37
Signal #2 : D:\HPCHEM\5\JL30\C680-22A.D\CONFIRM.D
Acq On : 31 Jul 96 02:45 PM Operator: JS
Sample : VHB/PG U8 1:20 DILUTION Inst : ECD1
Misc : 30.1G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

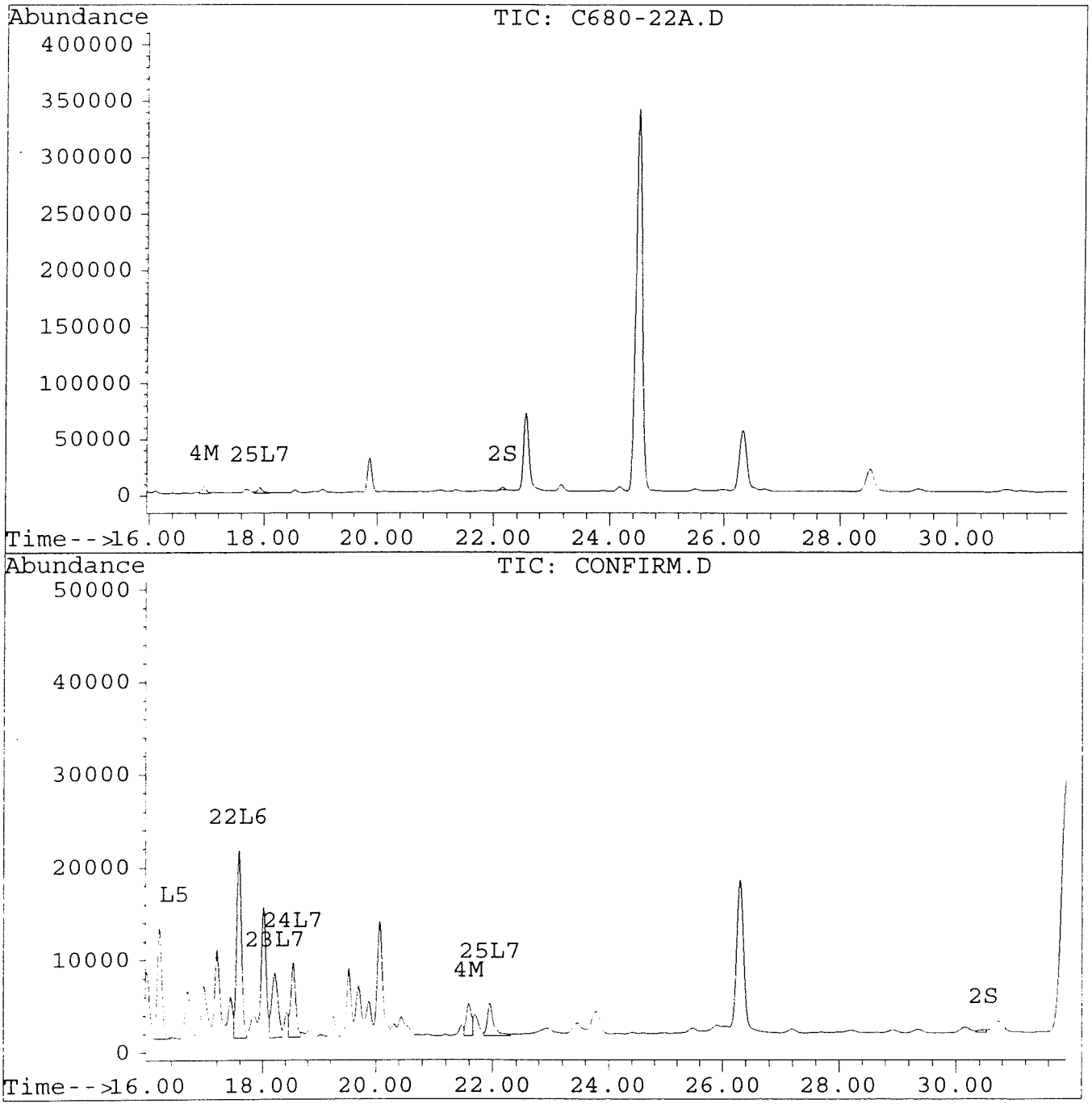




Signal #1 : D:\HPCHEM\5\JL30\C680-22A.D Vial: 37
Signal #2 : D:\HPCHEM\5\JL30\C680-22A.D\CONFIRM.D
Acq On : 31 Jul 96 02:45 PM Operator: JS
Sample : VHB/PG U8 1:20 DILUTION Inst : ECD1
Misc : 30.1G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\C680-23A.D Vial: 38
Signal #2 : D:\HPCHEM\5\JL30\C680-23A.D\CONFIRM.D
Acq On : 31 Jul 96 03:20 PM Operator: JS
Sample : VHB/PG V3 1:25 DILUTION Inst : ECD1
Misc : 30.1G/10ML 80% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 15:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.07	6.45	455	303	0.002	0.002	
					Recovery	=	5.00%	5.00%	
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	8.23	11.67	50329	36020	0.453	0.381	
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.59	8806	5381	0.049	0.039	
5)	L1	Aroclor-1016	6.81	8.80	10932	1447	0.364	0.117	(
6)	L1	Aroclor-1016 (2)	8.94	10.33	14514	9449	0.928	0.374	#
7)	L1	Aroclor-1016 (3)	9.33	12.26	29385	5014	1.222	0.317	#
		Total Aroclor-1016			54831	15909	2.514	0.808	
		Average Aroclor-1016					0.838	0.269	
8)	L2	Aroclor-1221	5.09	8.03	157	667	0.022	0.109	(
9)	L2	Aroclor-1221 (2)	5.52	8.57	387	2438	0.066	0.500	(
10)	L2	Aroclor-1221 (3)	5.67	8.80	4283	1447	0.212	0.094	#
		Total Aroclor-1221			4827	4551	0.301	0.703	
		Average Aroclor-1221					0.100	0.234	
11)	L3	Aroclor-1232	5.67	8.80	4283	1447	0.235	0.101	#
12)	L3	Aroclor-1232 (2)	6.81	10.33	10932	9449	0.801	0.787	
13)	L3	Aroclor-1232 (3)	8.61	12.26	6431	5014	0.777	0.723	
		Total Aroclor-1232			21645	15909	1.813	1.610	
		Average Aroclor-1232					0.604	0.537	
14)	L4	Aroclor-1242	8.23	11.67	50329	36020	1.235	1.247	
15)	L4	Aroclor-1242 (2)	8.94	12.26	14514	5014	1.192	0.400	#
16)	L4	Aroclor-1242 (3)	10.08	14.02	26935	19417	~~1.663~~	1.590	
		Total Aroclor-1242			91778	60451	~~4.091~~ 3.04	3.237	
		Average Aroclor-1242				37833	1.364	1.079	
17)	L5	Aroclor-1248	9.33	14.97	29385	17596	0.952	0.802	
18)	L5	Aroclor-1248 (2)	10.08	15.19	26935	19535	1.035	0.860	
19)	L5	Aroclor-1248 (3)	11.39	16.20	34399	13131	1.012	0.748	
		Total Aroclor-1248			90719	50263	2.999	2.410	
		Average Aroclor-1248					1.000	0.803	

3200 ug/kg

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-23A.D Vial: 38
Signal #2 : D:\HPCHEM\5\JL30\C680-23A.D\CONFIRM.D
Acq On : 31 Jul 96 03:20 PM Operator: JS
Sample : VHB/PG V3 1:25 DILUTION Inst : ECD1
Misc : 30.1G/10ML 80% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 15:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.00	15.48	20998	16870	~~0.716~~	0.695
21) L6 Aroclor-1254 {2}	13.43	15.73	32790	18448	0.801	0.692
22) L6 Aroclor-1254 {3}	15.82	17.58	24648	27786	0.808	0.747
Total Aroclor-1254			78435	63104	~~2.325~~ 2.134	
Average Aroclor-1254					0.775 2.438	0.711 (2.500 µg/L)
23) L7 Aroclor-1260	13.93	18.21	15482	9370	0.491	0.332 #
24) L7 Aroclor-1260 {2}	14.72	18.54	13644	11400	0.369	0.350
25) L7 Aroclor-1260 {3}	17.92	21.96	8286	6844	0.160	0.141
Total Aroclor-1260			37412	27615	1.019	0.824
Average Aroclor-1260					0.340	0.275
26) L8 Aroclor-1268	18.87	0.00	13903	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	15334	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.83	0.00	2572	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

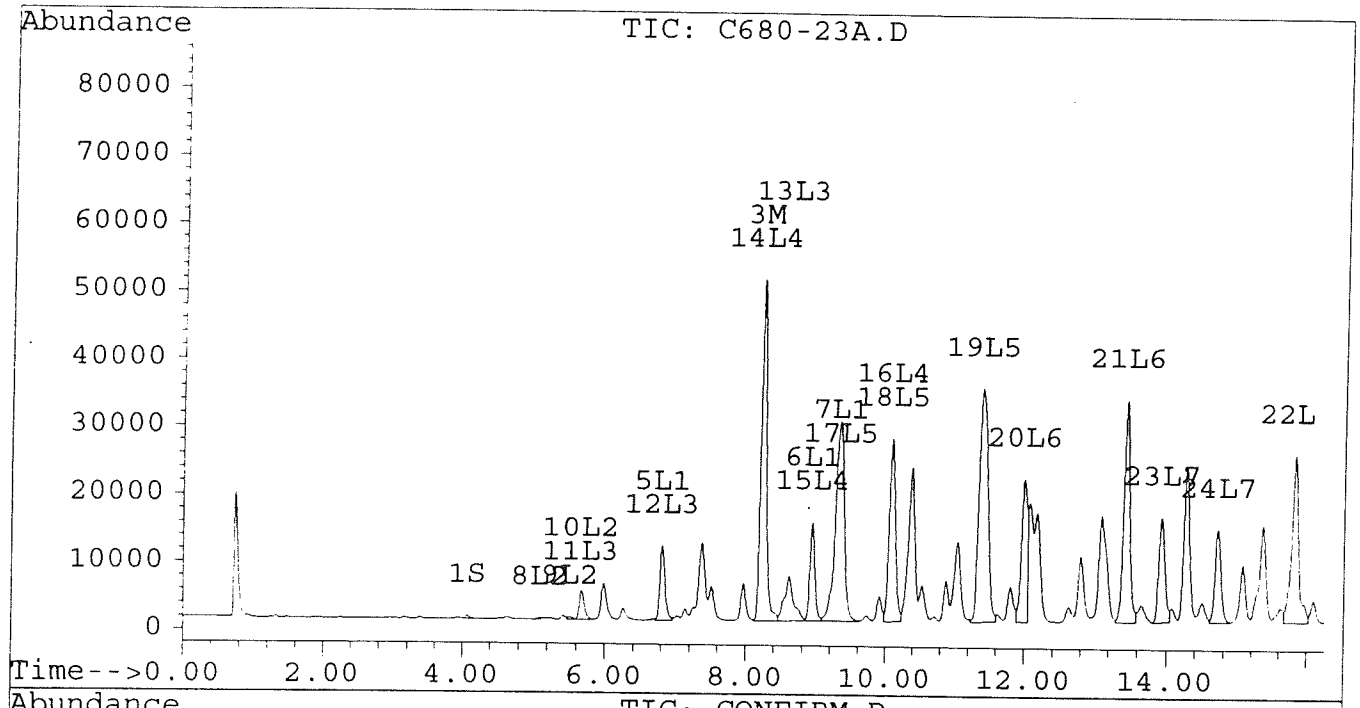
Signal #1 : D:\HPCHEM\5\JL30\C680-23A.D
Signal #2 : D:\HPCHEM\5\JL30\C680-23A.D\CONFIRM.D
Acq On : 31 Jul 96 03:20 PM
Sample : VHB/PG V3 1:25 DILUTION
Misc : 30.1G/10ML 80% SOLID PCB ANALYSIS
Quant Time: Jul 31 15:54 1996

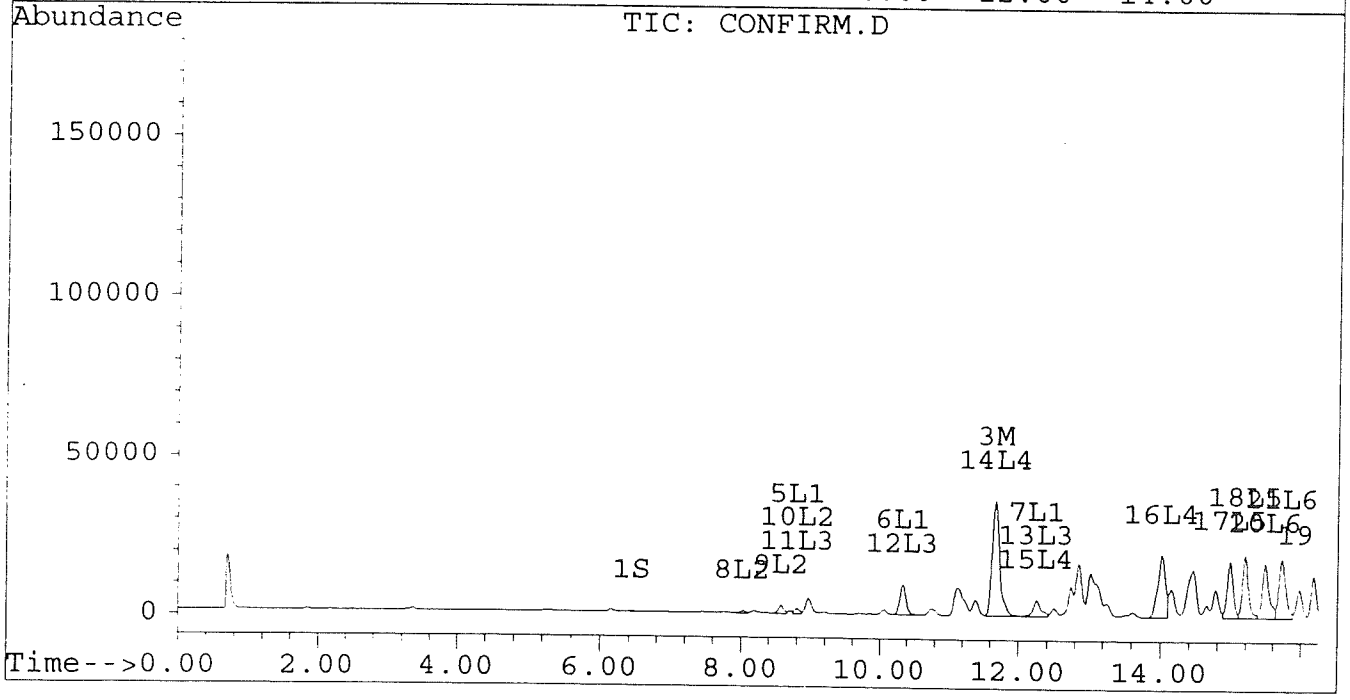
Vial: 38
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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





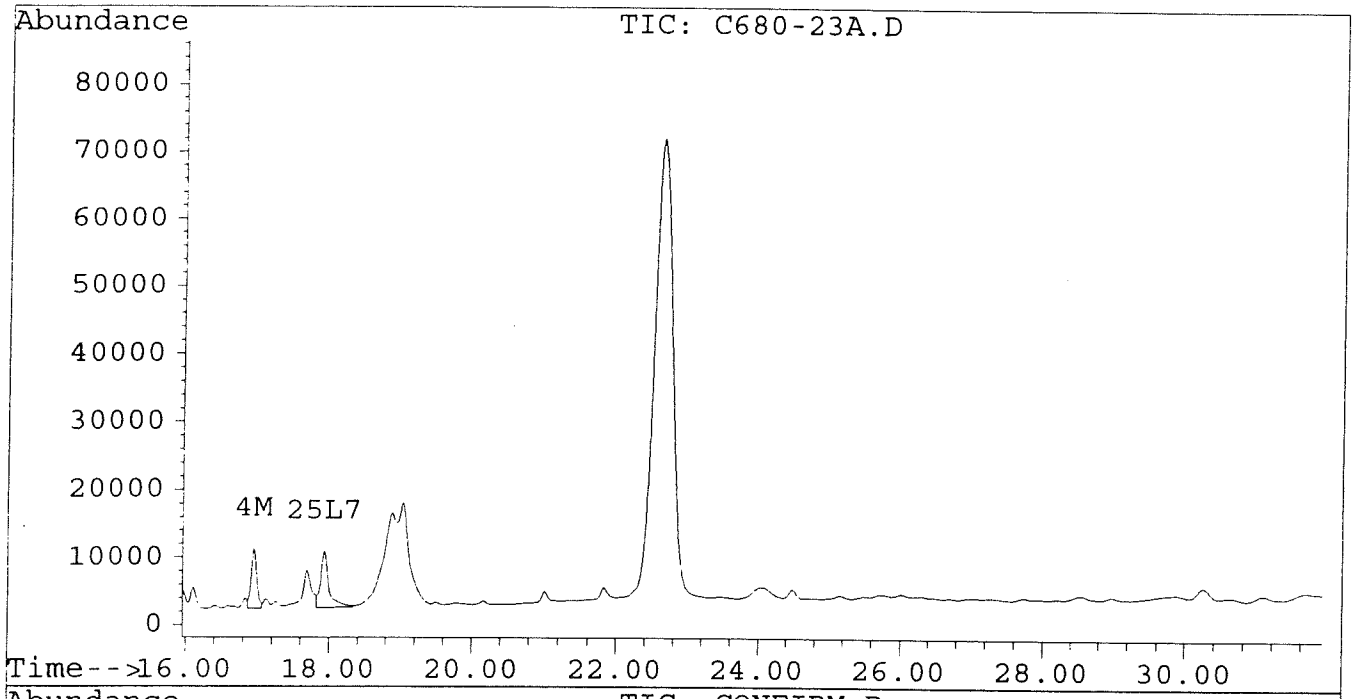
Quantitation Report

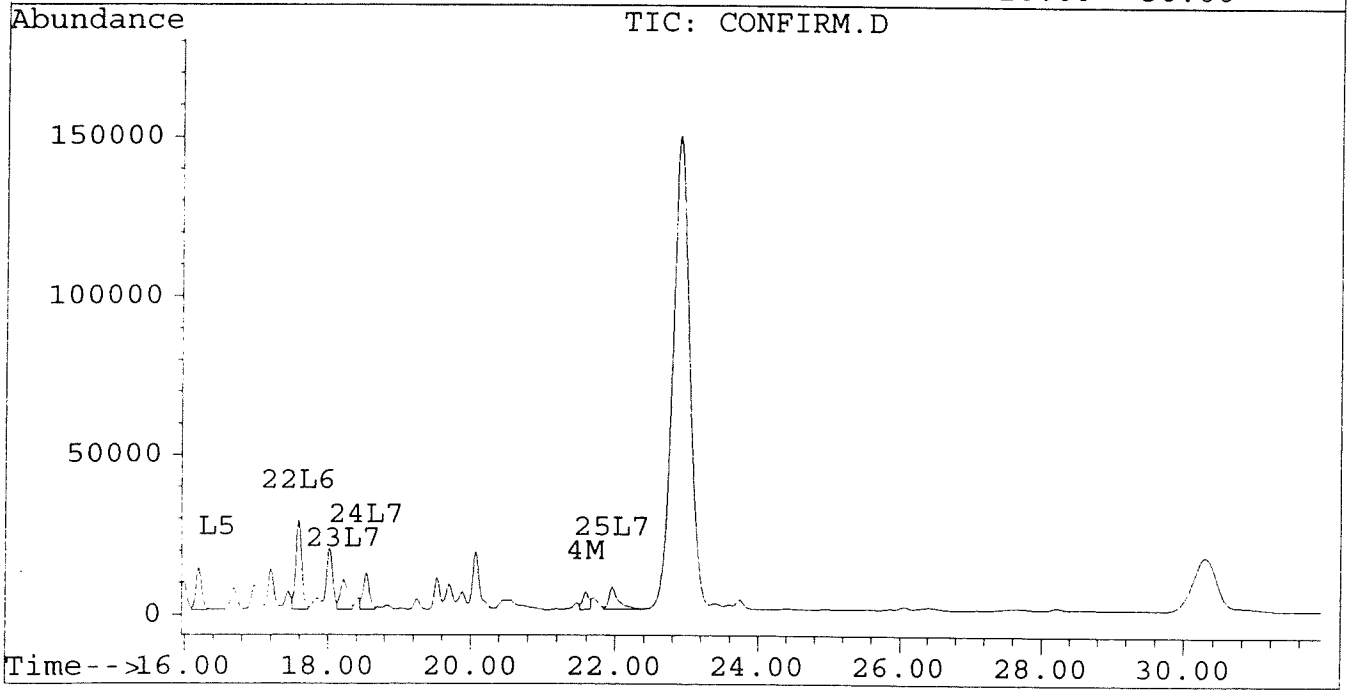
Signal #1 : D:\HPCHEM\5\JL30\C680-23A.D
Signal #2 : D:\HPCHEM\5\JL30\C680-23A.D\CONFIRM.D
Acq On : 31 Jul 96 03:20 PM
Sample : VHB/PG V3 1:25 DILUTION
Misc : 30.1G/10ML 80% SOLID PCB ANALYSIS
Quant Time: Jul 31 15:54 1996

Vial: 38
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-24B.D
Signal #2 : D:\HPCHEM\5\JL30\C680-24B.D\CONFIRM.D
Acq On : 31 Jul 96 09:52 PM
Sample : VHB/PG V4 1:20 DILUTION
Misc : 30.1G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 1 16:13 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	4.07	6.45	482	393	0.002	0.002
				Recovery	=	5.00%	5.00%
2) S	Decachlorobiphenyl	22.16f	0.00	1077	0	0.006m	N.D. #
				Recovery	=	15.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.68	42920	30260	0.386	0.320
4) M	2,2',3,3',4,4'-Hexa	16.95	21.59	5440	3276	0.030	0.024
5) L1	Aroclor-1016	6.81	8.80	6404	1182	0.213	0.096 #
6) L1	Aroclor-1016 {2}	8.94	10.33	12125	5753	0.775	0.228 #
7) L1	Aroclor-1016 {3}	9.33	12.25	22403	4406	0.932	0.278 #
	Total Aroclor-1016			40933	11341	1.920	0.602
	Average Aroclor-1016					0.640	0.201
8) L2	Aroclor-1221	5.09	8.03	128	230	0.018	0.038 #
9) L2	Aroclor-1221 {2}	5.52	8.57	268	819	0.046	0.168 #
10) L2	Aroclor-1221 {3}	5.69	8.80	2778	1182	0.137	0.077 #
	Total Aroclor-1221			3173	2231	0.202	0.283
	Average Aroclor-1221					0.067	0.094
11) L3	Aroclor-1232	5.69	8.80	2778	1182	0.152	0.082 #
12) L3	Aroclor-1232 {2}	6.81	10.33	6404	5753	0.469	0.479
13) L3	Aroclor-1232 {3}	8.61	12.25	4735	4406	0.572	0.635
	Total Aroclor-1232			13916	11341	1.194	1.197
	Average Aroclor-1232					0.398	0.399
14) L4	Aroclor-1242	8.23	11.68	42920	30260	1.053	1.048
15) L4	Aroclor-1242 {2}	8.94	12.25	12125	4406	0.996	0.351 #
16) L4	Aroclor-1242 {3}	10.08	14.02	20078	14779	1.240	1.210
	Total Aroclor-1242			75123	49445	3.289	2.609
	Average Aroclor-1242					1.096	0.870
17) L5	Aroclor-1248	9.33	14.97	22403	13621	0.726	0.621
18) L5	Aroclor-1248 {2}	10.08	15.19	20078	15009	0.772	0.661
19) L5	Aroclor-1248 {3}	11.39	16.20	25240	10148	0.742	0.578
	Total Aroclor-1248			67722	38777	2.240	1.860
	Average Aroclor-1248					0.747	0.620

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-24B.D
Signal #2 : D:\HPCHEM\5\JL30\C680-24B.D\CONFIRM.D
Acq On : 31 Jul 96 09:52 PM
Sample : VHB/PG V4 1:20 DILUTION
Misc : 30.1G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 1 16:13 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.00	15.48	13912	11306	0.474	0.466
21) L6 Aroclor-1254 {2}	13.43	15.73	21613	12538	0.528	0.470
22) L6 Aroclor-1254 {3}	15.82	17.58	15590	18003	0.511	0.484
Total Aroclor-1254			51115	41847	1.514	1.420
Average Aroclor-1254					0.505	0.473
23) L7 Aroclor-1260	13.93	18.21	10467	6448	0.332	0.229 #
24) L7 Aroclor-1260 {2}	14.72	18.54	8972	7516	0.243	0.231
25) L7 Aroclor-1260 {3}	17.92	21.95	4502	3650	0.087	0.075
Total Aroclor-1260			23941	17613	0.661	0.535
Average Aroclor-1260					0.220	0.178
26) L8 Aroclor-1268	18.86	0.00	1468	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.04	0.00	3347	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.83	0.00	2243	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{2649 \times 10}{0.0301 \times .917.66} \times 20 = 14961$ ~~14961~~ 22,464

~~15,000~~ (22000)

AR1254 $\frac{1039 \times 10}{0.0301 \times .91 \times 66} \times 20 = 7586$ ~~7586~~ 11,391

~~7000~~ (11,000)

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

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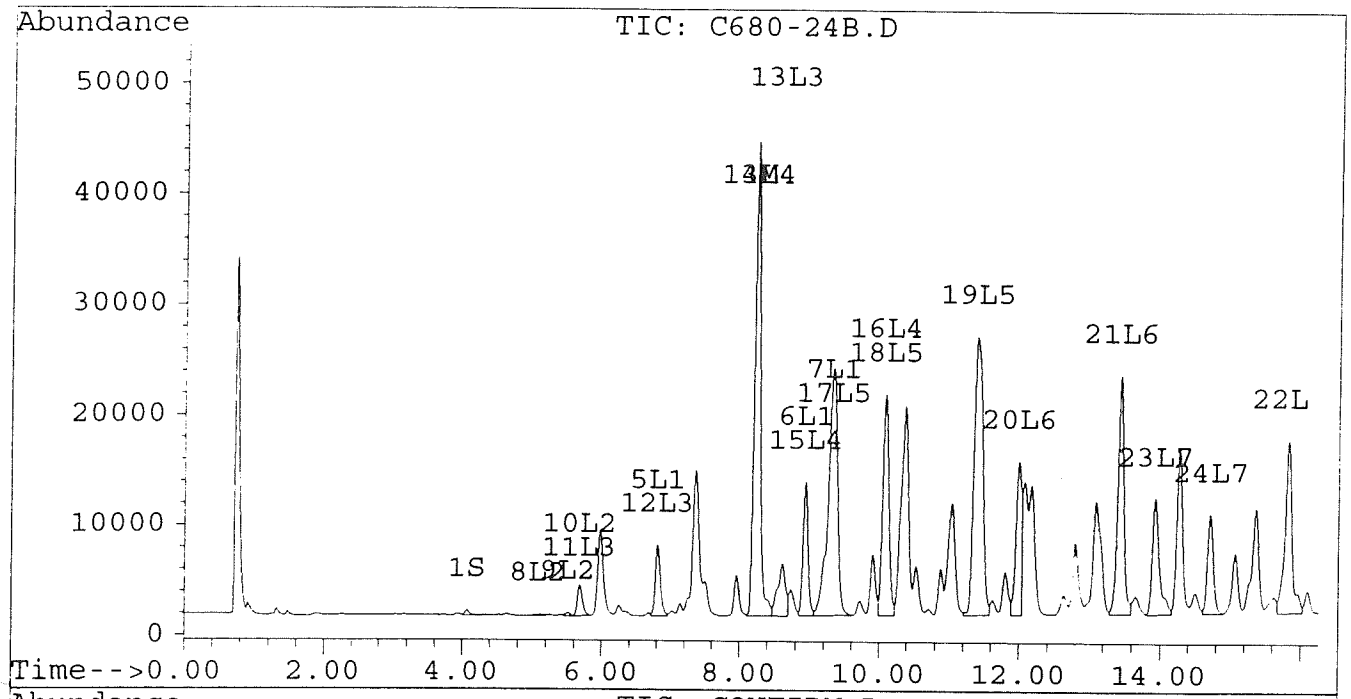
Quantitation Report

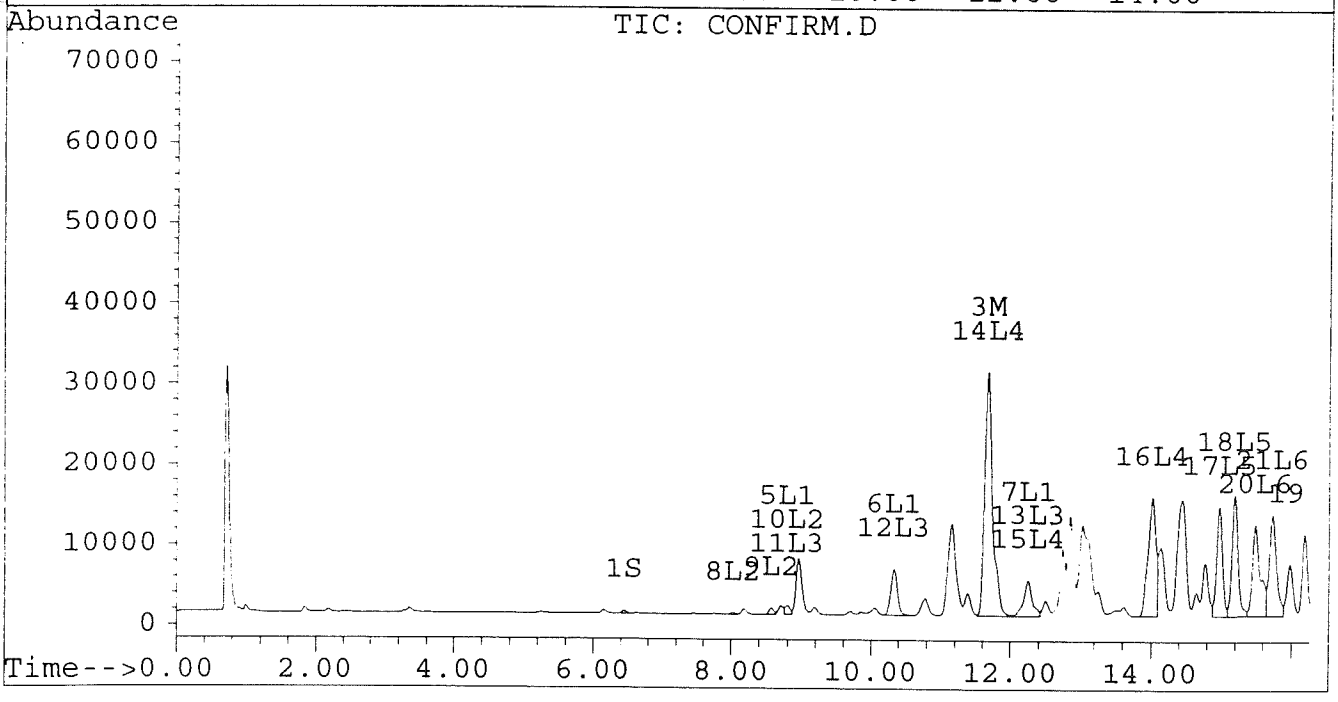
Signal #1 : D:\HPCHEM\5\JL30\C680-24B.D
Signal #2 : D:\HPCHEM\5\JL30\C680-24B.D\CONFIRM.D
Acq On : 31 Jul 96 09:52 PM
Sample : VHB/PG V4 1:20 DILUTION
Misc : 30.1G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 1 16:13 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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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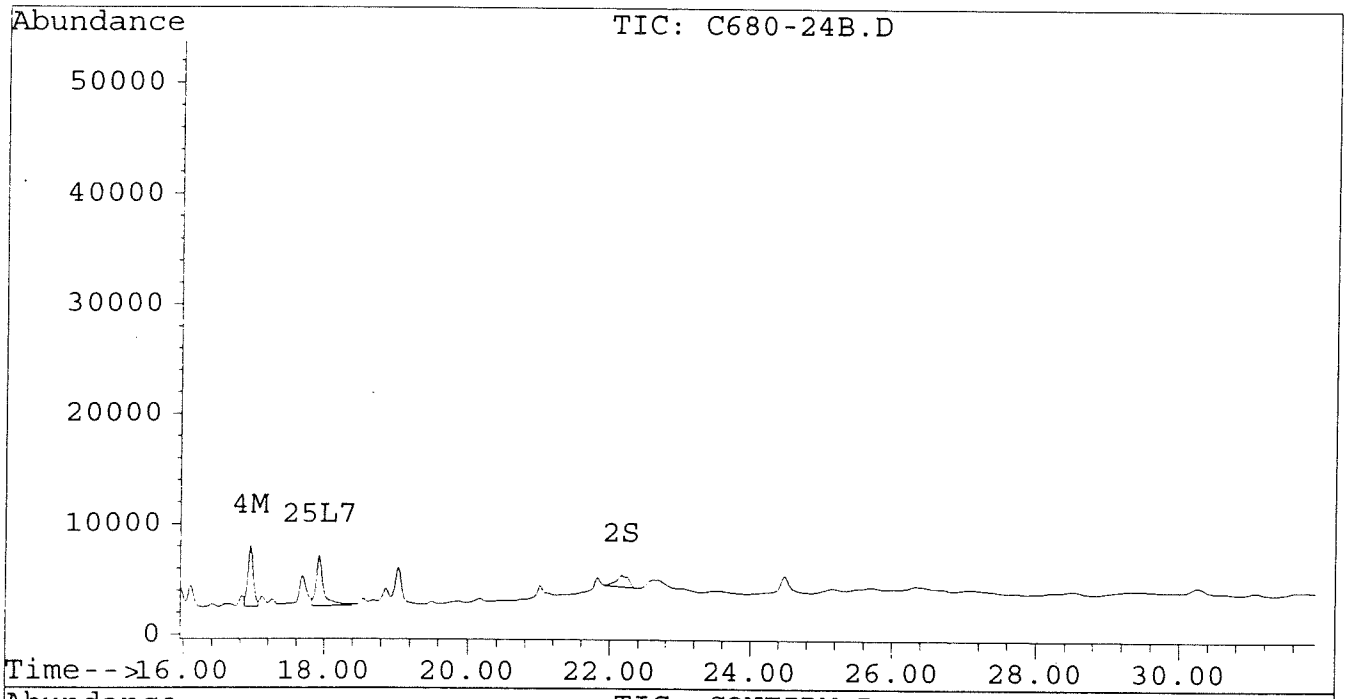
Quantitation Report

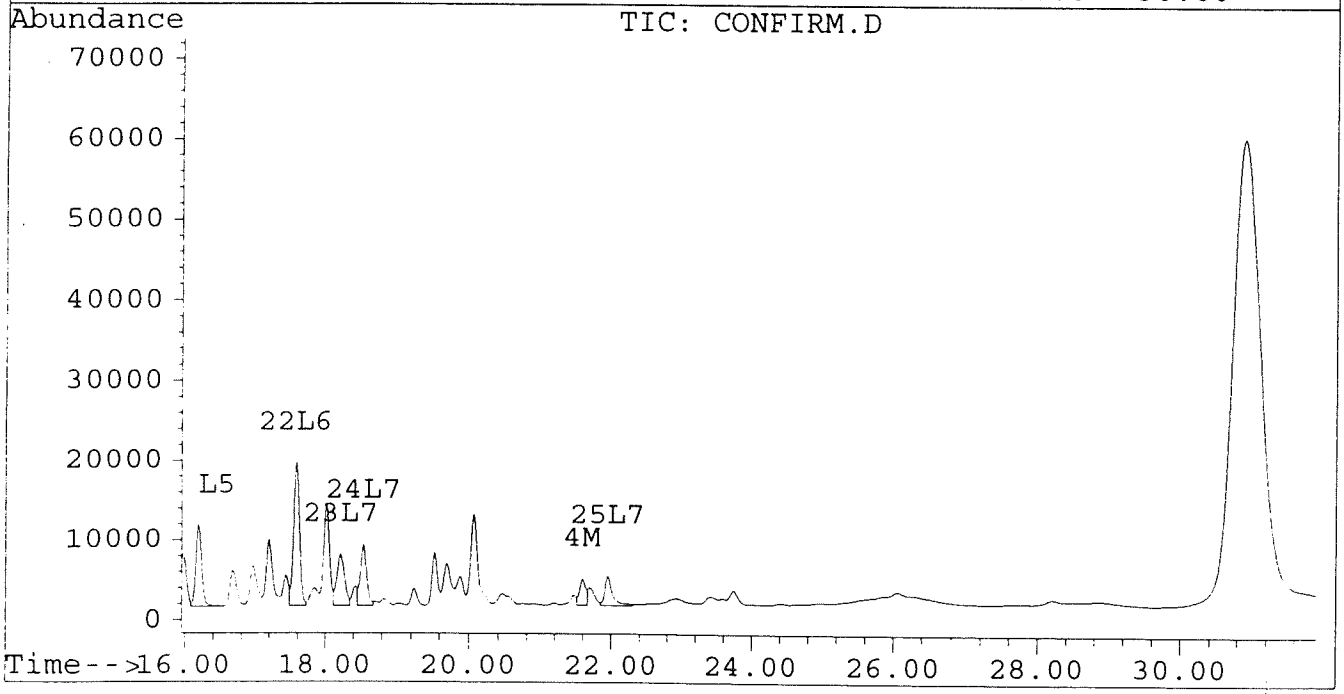
Signal #1 : D:\HPCHEM\5\JL30\C680-24B.D
Signal #2 : D:\HPCHEM\5\JL30\C680-24B.D\CONFIRM.D
Acq On : 31 Jul 96 09:52 PM
Sample : VHB/PG V4 1:20 DILUTION
Misc : 30.1G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 1 16:13 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-25A.D Vial: 40
Signal #2 : D:\HPCHEM\5\JL30\C680-25A.D\CONFIRM.D
Acq On : 31 Jul 96 04:32 PM Operator: JS
Sample : VHB/PG V6 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 17:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.07	6.45	1953	1530	0.009	0.009	
				Recovery	=	22.50%	22.50%	
2)	S Decachlorobiphenyl	22.24	0.00	3956	0	0.020	N.D.	#
				Recovery	=	50.00%	0.00%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.23	11.68	36872	24147	0.332	0.255	
4)	M 2,2',3,3',4,4'-Hexa	16.95	21.59	6873	3929	0.038	0.028	#
5)	L1 Aroclor-1016	6.81	8.80	5347	872	0.178	0.071	
6)	L1 Aroclor-1016 {2}	8.94	10.33	9257	4795	0.592	0.190	#
7)	L1 Aroclor-1016 {3}	9.33	12.24	20387	4170	0.848	0.263	#
	Total Aroclor-1016			34991	9837	1.618	0.524	
	Average Aroclor-1016					0.539	0.175	
8)	L2 Aroclor-1221	5.10	8.03	80	421	0.011	0.069	#
9)	L2 Aroclor-1221 {2}	5.52	8.57	207	600	0.035	0.123	
10)	L2 Aroclor-1221 {3}	5.69	8.80	2501	872	0.124	0.057	#
	Total Aroclor-1221			2788	1892	0.171	0.249	
	Average Aroclor-1221					0.057	0.083	
11)	L3 Aroclor-1232	5.69	8.80	2501	872	0.137	0.061	#
12)	L3 Aroclor-1232 {2}	6.81	10.33	5347	4795	0.392	0.399	
13)	L3 Aroclor-1232 {3}	8.62	12.24	3649	4170	0.441	0.601	
	Total Aroclor-1232			11498	9837	0.970	1.061	
	Average Aroclor-1232					0.323	0.354	
14)	L4 Aroclor-1242	8.23	11.68	36872	24147	0.905	0.836	
15)	L4 Aroclor-1242 {2}	8.94	12.24	9257	4170	0.760	0.332	#
16)	L4 Aroclor-1242 {3}	10.09	14.02	17874	13032	1.104	1.067	
	Total Aroclor-1242			64003	41349	2.769	2.235	
	Average Aroclor-1242					0.923	0.745	
17)	L5 Aroclor-1248	9.33	14.97	20387	11256	0.661	0.513	
18)	L5 Aroclor-1248 {2}	10.09	15.19	17874	12364	0.687	0.544	
19)	L5 Aroclor-1248 {3}	11.39	16.20	22191	7491	0.653	0.427	#
	Total Aroclor-1248			60451	31111	2.000	1.484	
	Average Aroclor-1248					0.667	0.495	

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-25A.D Vial: 40
Signal #2 : D:\HPCHEM\5\JL30\C680-25A.D\CONFIRM.D
Acq On : 31 Jul 96 04:32 PM Operator: JS
Sample : VHB/PG V6 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 17:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.00	15.49	14494	11729	~~0.494~~	0.484
21) L6 Aroclor-1254 {2}	13.44	15.73	23279	12827	0.569	0.481
22) L6 Aroclor-1254 {3}	15.83	17.58	19099	19691	0.626	0.529
Total Aroclor-1254			56872	44246	~~1.689~~ 1.684	1.498
Average Aroclor-1254					0.563	0.498
23) L7 Aroclor-1260	13.93	18.21	11454	7709	0.363	0.273
24) L7 Aroclor-1260 {2}	14.72	18.54	11255	9261	0.304	0.285
25) L7 Aroclor-1260 {3}	17.93	21.95	6451	5304	0.124	0.109
Total Aroclor-1260			29160	22274	0.792	0.667
Average Aroclor-1260					0.264	0.222
26) L8 Aroclor-1268	18.87	0.00	1596	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.04	0.00	4683	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.83	0.00	2363	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

3232 1.41 4.517 4.684 5200

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

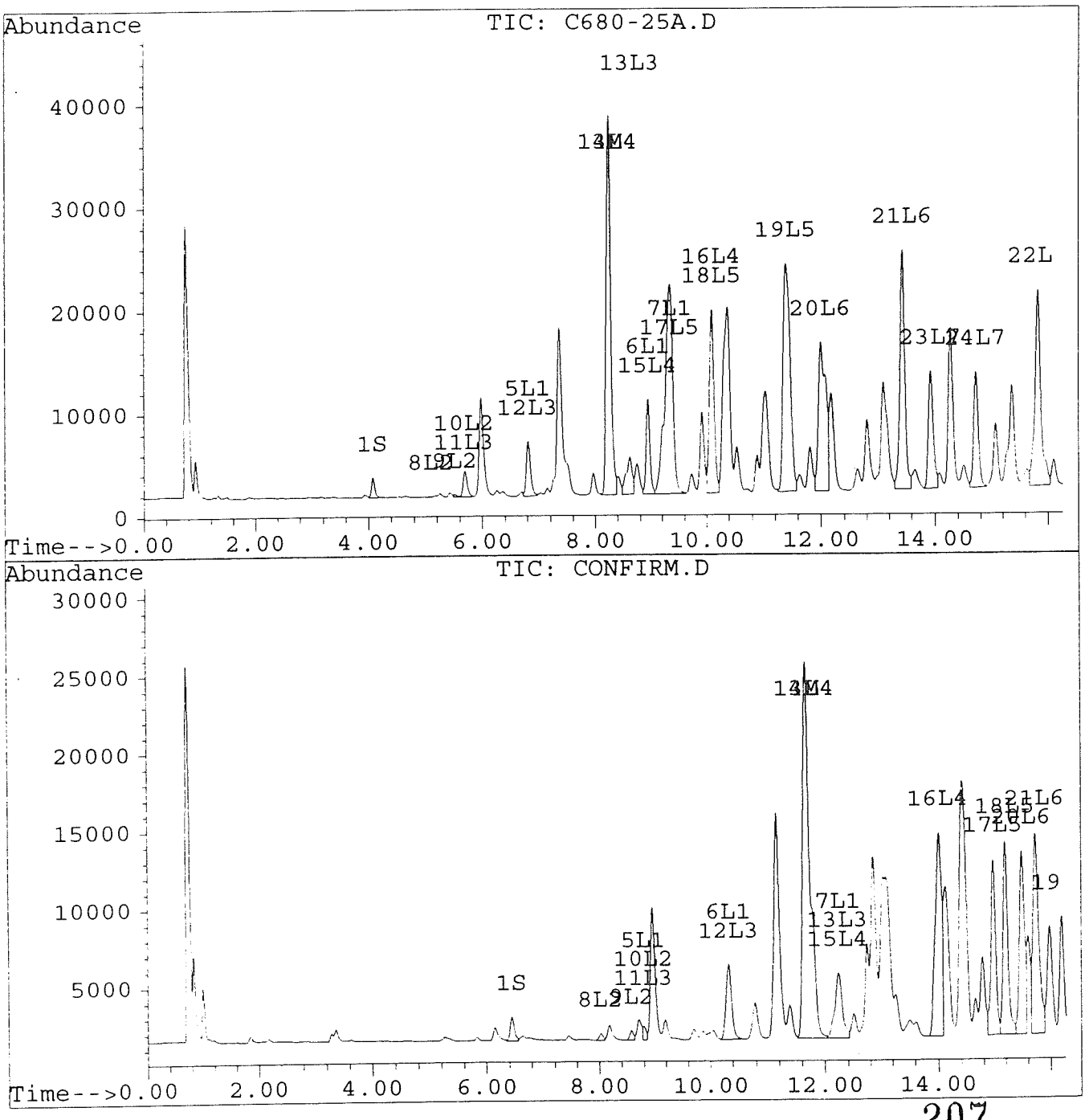
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-25A.D
Signal #2 : D:\HPCHEM\5\JL30\C680-25A.D\CONFIRM.D
Acq On : 31 Jul 96 04:32 PM
Sample : VHB/PG V6 1:5 DILUTION
Misc : 30.5G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Jul 31 17:06 1996

Vial: 40
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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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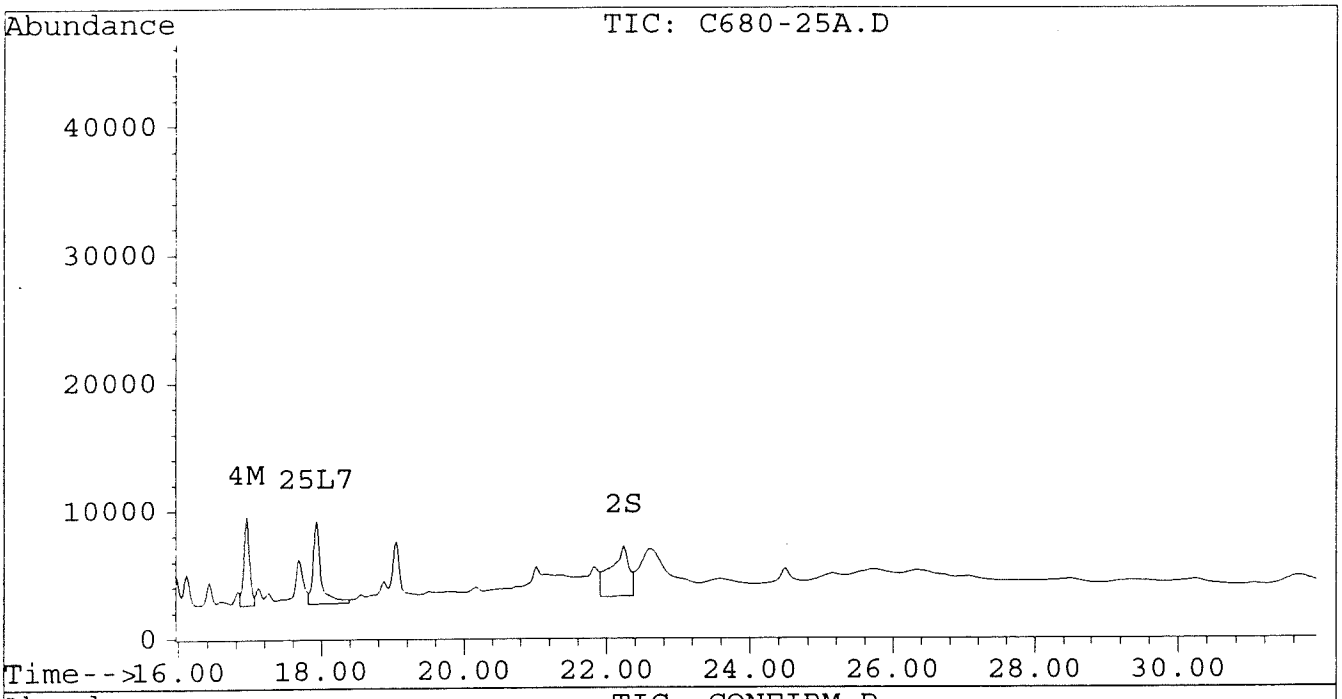
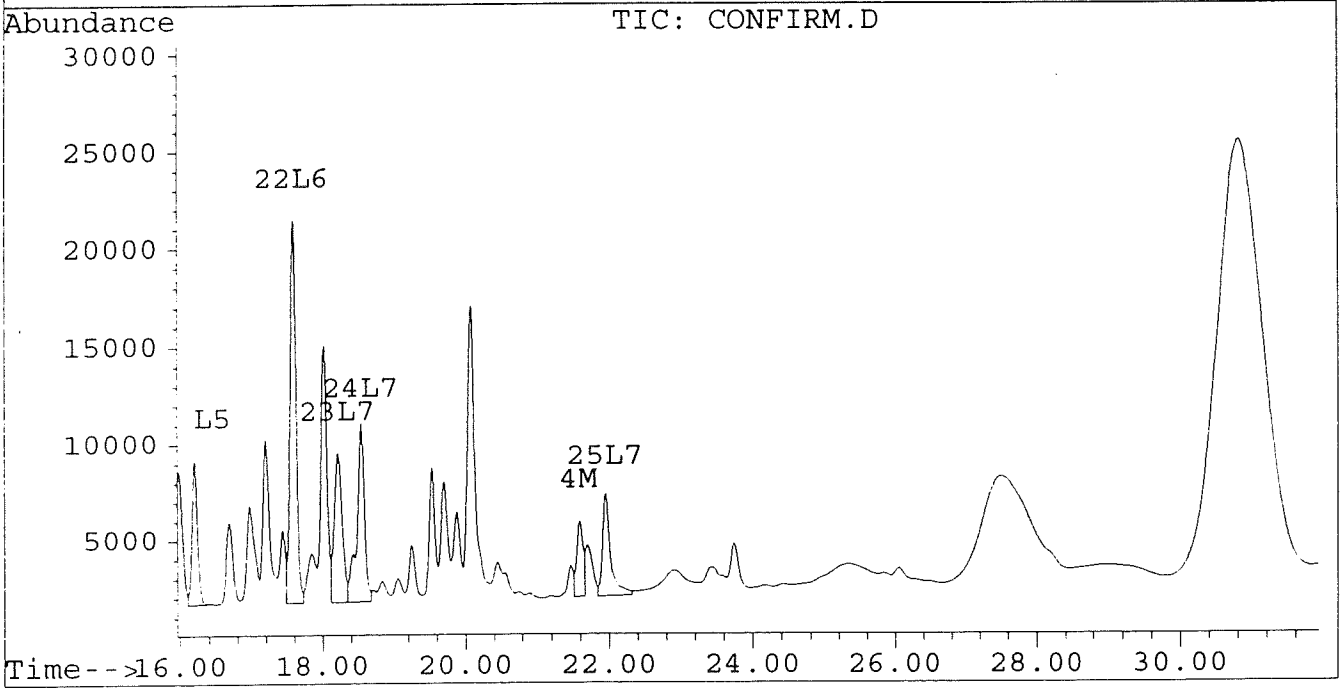
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-25A.D Vial: 40
Signal #2 : D:\HPCHEM\5\JL30\C680-25A.D\CONFIRM.D
Acq On : 31 Jul 96 04:32 PM Operator: JS
Sample : VHB/PG V6 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 17:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\C680-26A.D Vial: 41
Signal #2 : D:\HPCHEM\5\JL30\C680-26A.D\CONFIRM.D
Acq On : 31 Jul 96 06:55 PM Operator: JS
Sample : VHB/DG Q7 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 19:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.07	6.45	907	775	0.004	0.004	
				Recovery	=	10.00%	10.00%	
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.	
				Recovery	=	0.00%	0.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.23	11.67	50102	36216	0.451	0.383	
4) M	2,2',3,3',4,4'-Hexa	16.95	21.59	5425	3399	0.030	0.025	
5) L1	Aroclor-1016	6.81	8.80	14972	3208	0.498	0.260	#
6) L1	Aroclor-1016 {2}	8.94	10.33	17452	12424	1.116	0.492	#
7) L1	Aroclor-1016 {3}	9.34	12.26	28259	6699	1.175	0.423	#
Total	Aroclor-1016			60683	22330	2.789	1.175	
Average	Aroclor-1016					0.930	0.392	
8) L2	Aroclor-1221	5.09	8.03	469	629	0.067	0.103	#
9) L2	Aroclor-1221 {2}	5.52	8.57	820	1287	0.140	0.264	#
10) L2	Aroclor-1221 {3}	5.68	8.80	4766	3208	0.236	0.209	
Total	Aroclor-1221			6054	5125	0.443	0.576	
Average	Aroclor-1221					0.148	0.192	
11) L3	Aroclor-1232	5.68	8.80	4766	3208	0.261	0.224	
12) L3	Aroclor-1232 {2}	6.81	10.33	14972	12424	1.097	1.034	
13) L3	Aroclor-1232 {3}	8.61	12.26	8265	6699	0.998	0.966	
Total	Aroclor-1232			28002	22330	2.357	2.224	
Average	Aroclor-1232					0.786	0.741	
14) L4	Aroclor-1242	8.23	11.67	50102	36216	1.230	1.254	
15) L4	Aroclor-1242 {2}	8.94	12.26	17452	6699	1.433	0.534	#
16) L4	Aroclor-1242 {3}	10.08	14.02	26495	19147	1.636	1.568	
Total	Aroclor-1242			94049	62062	4.299	3.356	
Average	Aroclor-1242					1.433	1.119	
17) L5	Aroclor-1248	9.34	14.97	28259	14494	0.916	0.661	#
18) L5	Aroclor-1248 {2}	10.08	15.19	26495	16541	1.018	0.728	#
19) L5	Aroclor-1248 {3}	11.39	16.20	26093	9904	0.768	0.564	#
Total	Aroclor-1248			80847	40939	2.702	1.953	
Average	Aroclor-1248					0.901	0.651	

IP

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-26A.D Vial: 41
Signal #2 : D:\HPCHEM\5\JL30\C680-26A.D\CONFIRM.D
Acq On : 31 Jul 96 06:55 PM Operator: JS
Sample : VHB/DG Q7 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 19:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	13821	11668	0.471	0.481
21) L6	Aroclor-1254 {2}	13.43	15.73	21291	12507	0.520	0.469
22) L6	Aroclor-1254 {3}	15.82	17.58	16093	17786	0.528	0.478
Total	Aroclor-1254			51206	41961	1.519	1.428
Average	Aroclor-1254					0.506	0.476
23) L7	Aroclor-1260	13.93	18.22	10338	6207	0.328	0.220 #
24) L7	Aroclor-1260 {2}	0.00	18.54	0	7573	N.D.	0.233 #
25) L7	Aroclor-1260 {3}	17.91	21.95	7009	2859	0.135	0.059 #
Total	Aroclor-1260			17347	16639	0.463	0.512
Average	Aroclor-1260					0.231	0.171
26) L8	Aroclor-1268	18.86	0.00	1019	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.04	0.00	2572	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.83	0.00	1473	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR1242

$\frac{2.663 \times 10}{0.6305 \times .92 \times .666} \times 10 =$ 9490 → 94100

14,249

14000

AR 1254

$\frac{1.048 \times 10}{0.6305 \times .92 \times .666} \times 10 =$ 3734 → 3,700

5606

5,600

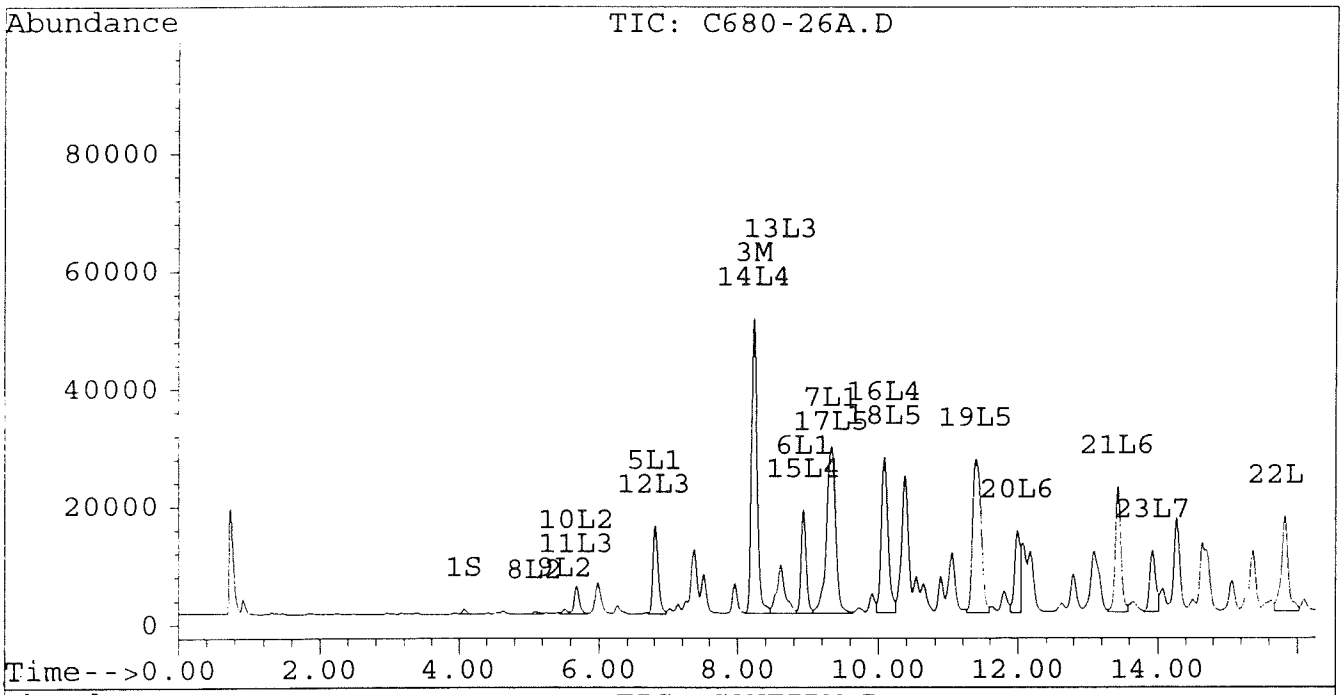
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

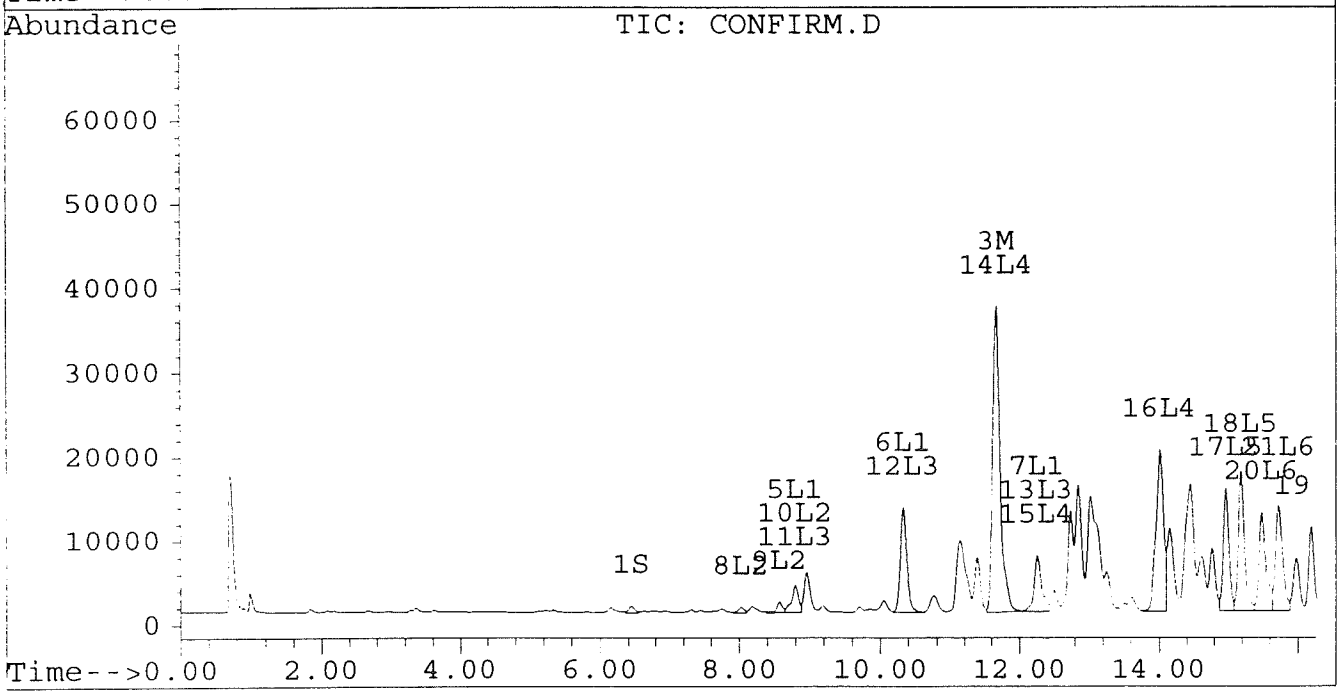
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-26A.D Vial: 41
Signal #2 : D:\HPCHEM\5\JL30\C680-26A.D\CONFIRM.D
Acq On : 31 Jul 96 06:55 PM Operator: JS
Sample : VHB/DG Q7 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 19:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



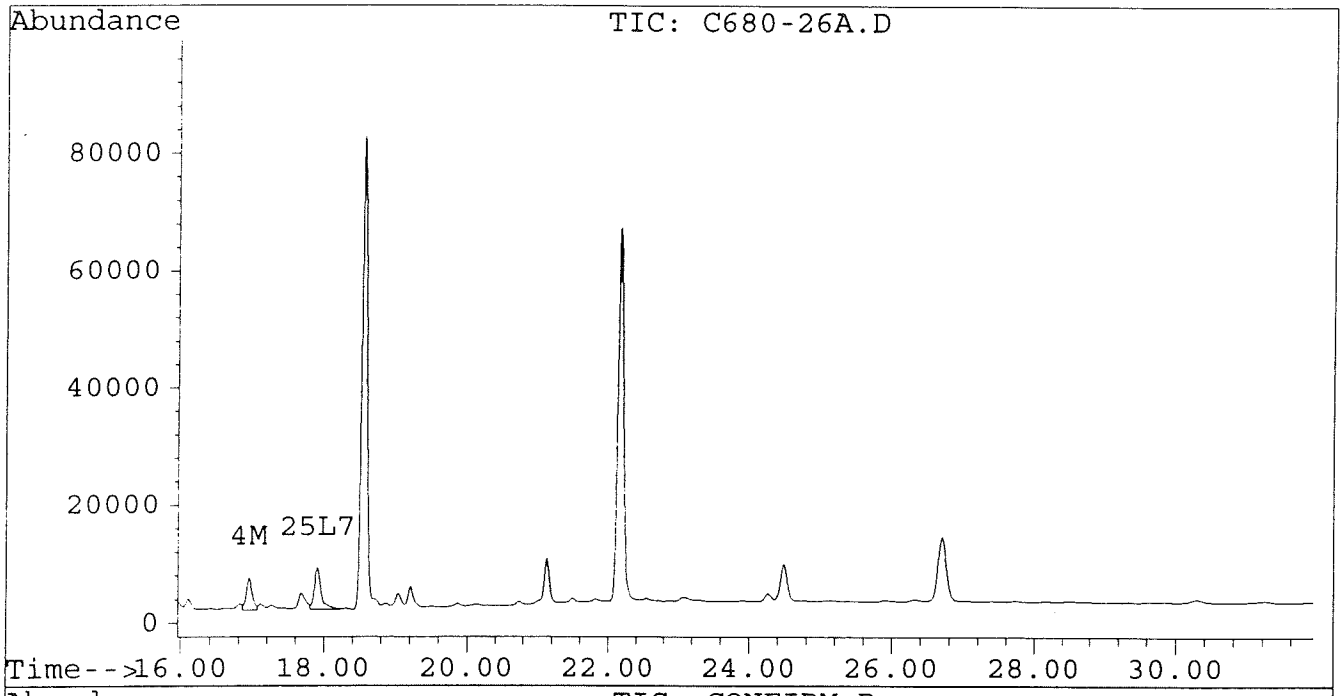


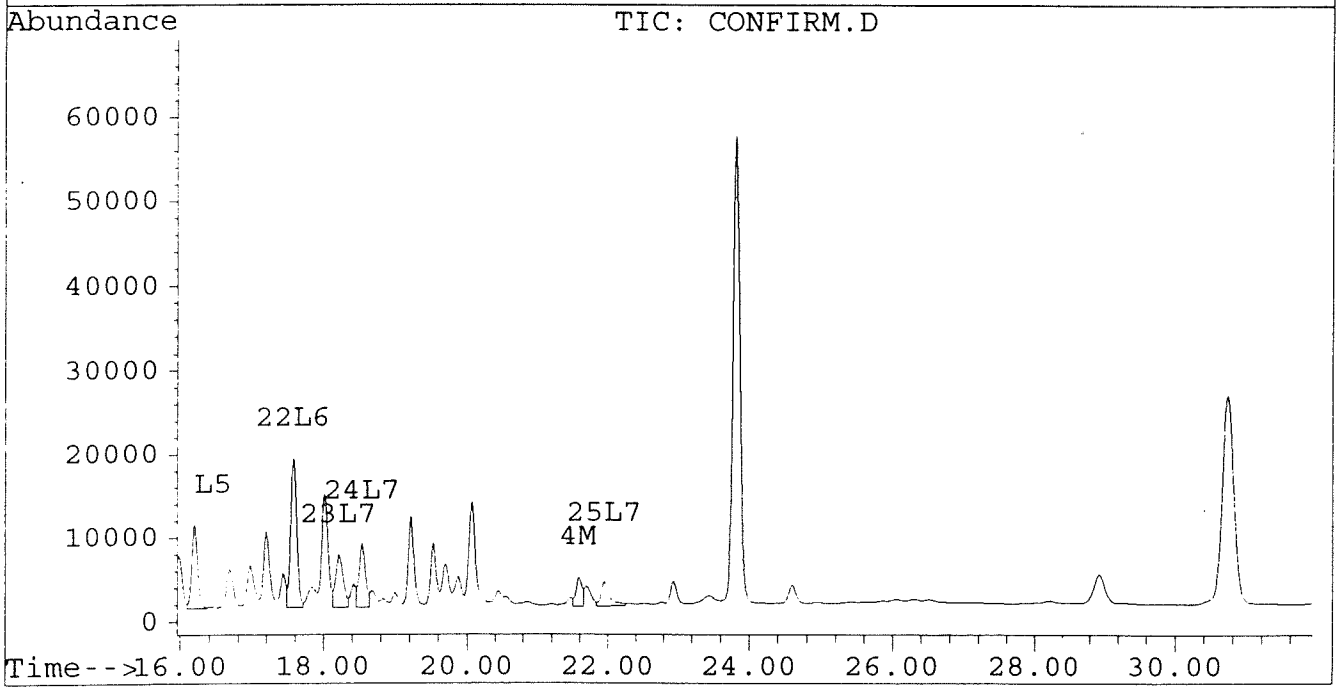
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-26A.D Vial: 41
Signal #2 : D:\HPCHEM\5\JL30\C680-26A.D\CONFIRM.D
Acq On : 31 Jul 96 06:55 PM Operator: JS
Sample : VHB/DG Q7 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 19:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\C680-27A.D Vial: 42
Signal #2 : D:\HPCHEM\5\JL30\C680-27A.D\CONFIRM.D
Acq On : 31 Jul 96 07:30 PM Operator: JS
Sample : VHB/DG U2 1:25 DILUTION Inst : ECD1
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.45	352	281	0.002	0.002
				Recovery	=	5.00%	5.00%
2) S	Decachlorobiphenyl	22.24	30.45	737	126	0.004m	0.001m#
				Recovery	=	10.00%	2.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.68	60144	42404	0.542	0.448
4) M	2,2',3,3',4,4'-Hexa	16.95	21.59	14657	10076	0.082	0.073
5) L1	Aroclor-1016	6.81	8.81	14410	1979	0.479	0.160 #
6) L1	Aroclor-1016 {2}	8.94	10.33	15362	12505	0.982	0.496 #
7) L1	Aroclor-1016 {3}	9.33	12.25	36648	6750	1.524	0.426 #
Total	Aroclor-1016			66420	21234	2.986	1.082
Average	Aroclor-1016					0.995	0.361
8) L2	Aroclor-1221	5.09	8.03	203	467	0.029	0.076 #
9) L2	Aroclor-1221 {2}	5.52	8.57	446	1831	0.076	0.375 #
10) L2	Aroclor-1221 {3}	5.68	8.81	4219	1979	0.209	0.129 #
Total	Aroclor-1221			4869	4276	0.314	0.581
Average	Aroclor-1221					0.105	0.194
11) L3	Aroclor-1232	5.68	8.81	4219	1979	0.231	0.138 #
12) L3	Aroclor-1232 {2}	6.81	10.33	14410	12505	1.056	1.041
13) L3	Aroclor-1232 {3}	8.61	12.25	7752	6750	0.937	0.974
Total	Aroclor-1232			26382	21234	2.224	2.152
Average	Aroclor-1232					0.741	0.717
14) L4	Aroclor-1242	8.23	11.68	60144	42404	1.476 ✓	1.468
15) L4	Aroclor-1242 {2}	8.94	12.25	15362	6750	1.261 ✓	0.538 #
16) L4	Aroclor-1242 {3}	10.08	14.02	33295	24519	~~2.056~~ 1.66	2.007
Total	Aroclor-1242			108800	73673	~~4.794~~ 4.147	4.014
Average	Aroclor-1242					1.598	1.338
				37384			~~2.800~~
17) L5	Aroclor-1248	9.33	14.97	36648	23987	1.187	1.094
18) L5	Aroclor-1248 {2}	10.08	15.19	33295	25306	1.280	1.114
19) L5	Aroclor-1248 {3}	11.39	16.20	44923	16122	1.321	0.918 #
Total	Aroclor-1248			114865	65415	3.789	3.126
Average	Aroclor-1248					1.263	1.042

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-27A.D Vial: 42
Signal #2 : D:\HPCHEM\5\JL30\C680-27A.D\CONFIRM.D
Acq On : 31 Jul 96 07:30 PM Operator: JS
Sample : VHB/DG U2 1:25 DILUTION Inst : ECD1
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.00	15.48	29311	22348	0.999	0.921
21) L6 Aroclor-1254 {2}	13.43	15.73	47967	25815	1.172	0.968
22) L6 Aroclor-1254 {3}	15.82	17.58	40368	40442	1.324	1.087
Total Aroclor-1254			117645	88605	3.495	2.976
Average Aroclor-1254				34092	1.165	0.992
23) L7 Aroclor-1260	13.93	18.22	23093	13763	0.732	0.488 #
24) L7 Aroclor-1260 {2}	14.71	18.53	22167	17966	0.600	0.552
25) L7 Aroclor-1260 {3}	17.92	21.95	26237	8527	0.506	0.176 #
Total Aroclor-1260			71498	40256	1.837	1.216
Average Aroclor-1260					0.612	0.405
26) L8 Aroclor-1268	18.87	0.00	2227	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.04	0.00	7812	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	2496	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

3,788 → 34,000 µg

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

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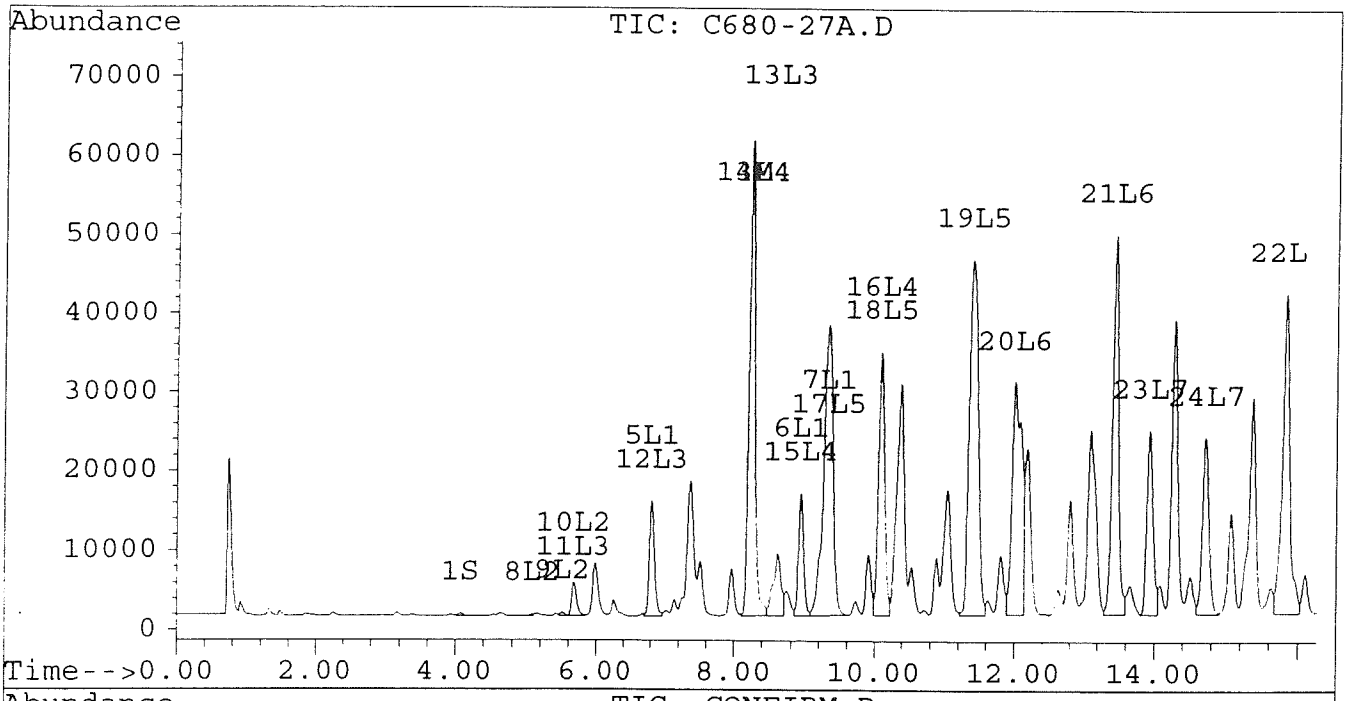
Quantitation Report

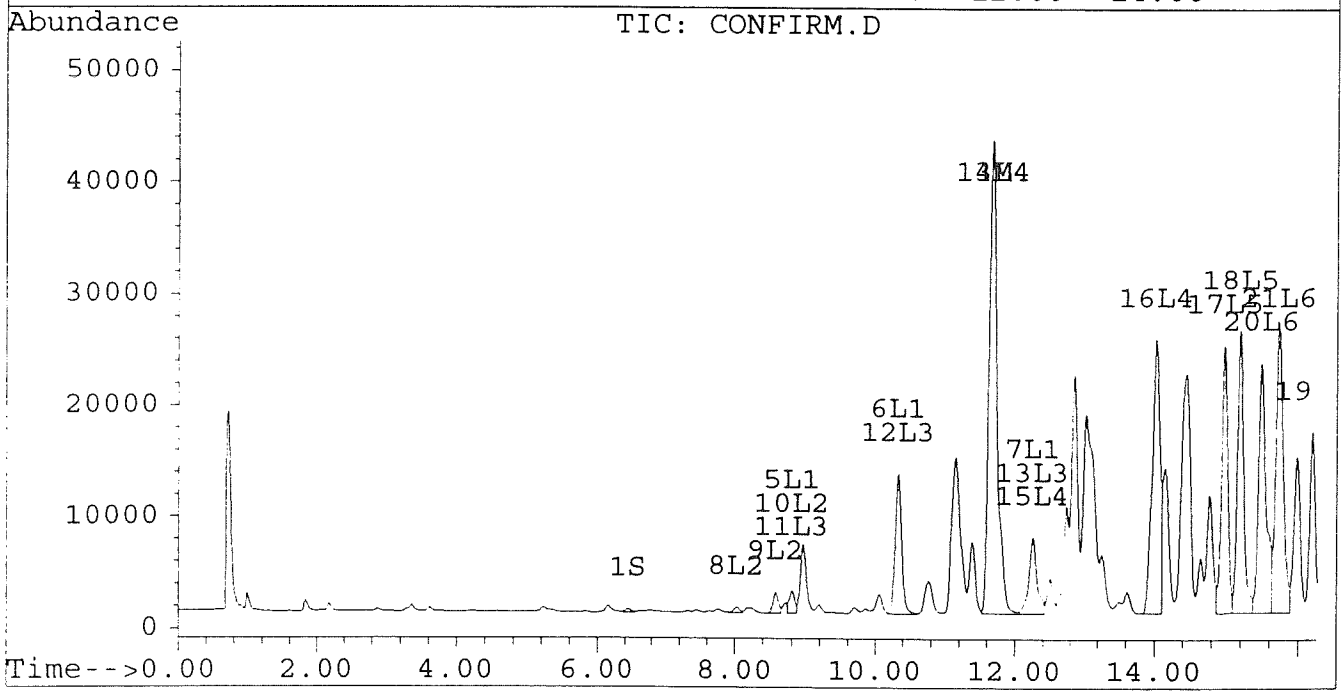
Signal #1 : D:\HPCHEM\5\JL30\C680-27A.D
Signal #2 : D:\HPCHEM\5\JL30\C680-27A.D\CONFIRM.D
Acq On : 31 Jul 96 07:30 PM
Sample : VHB/DG U2 1:25 DILUTION
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 1 16:16 1996

Vial: 42
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





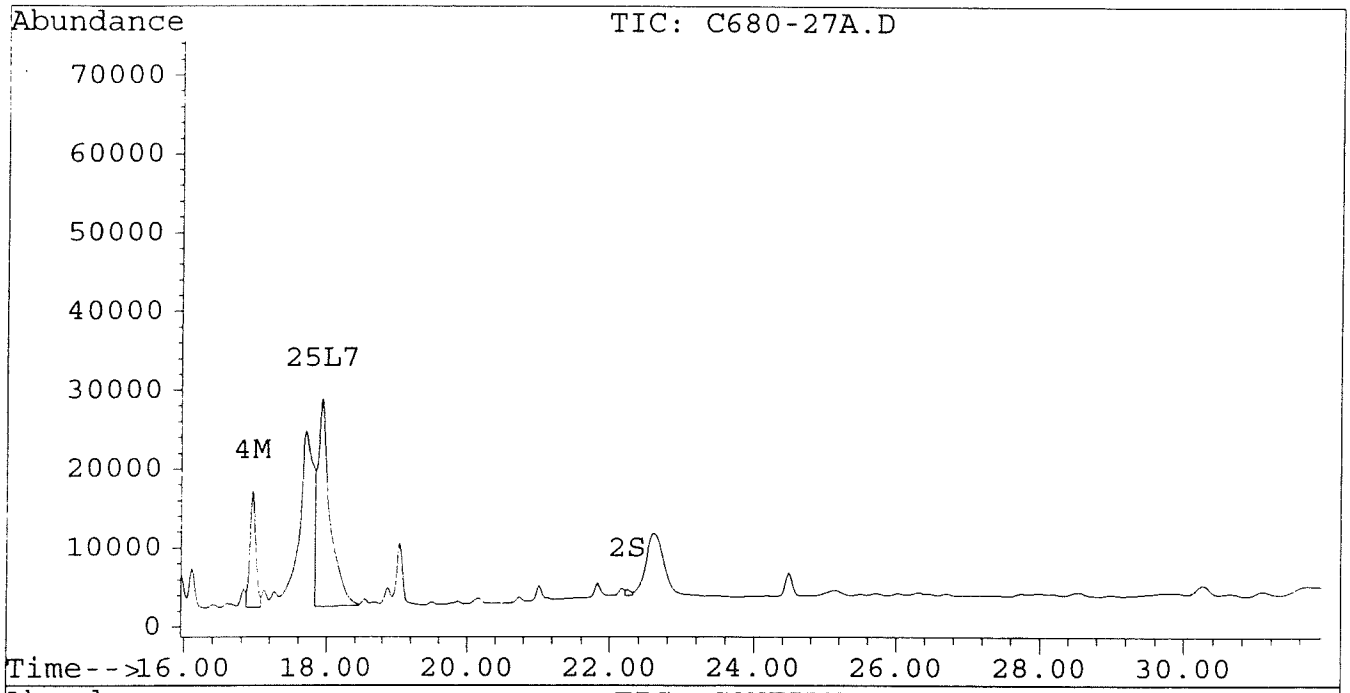
Quantitation Report

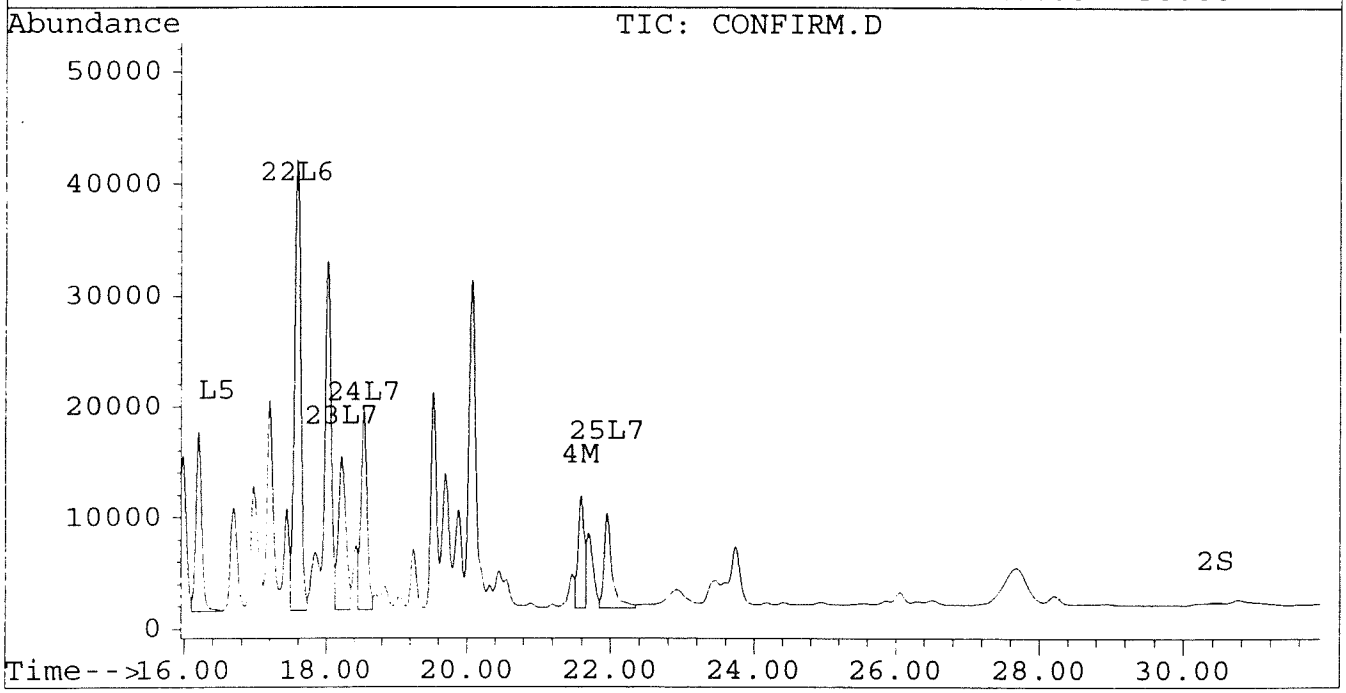
Signal #1 : D:\HPCHEM\5\JL30\C680-27A.D
Signal #2 : D:\HPCHEM\5\JL30\C680-27A.D\CONFIRM.D
Acq On : 31 Jul 96 07:30 PM
Sample : VHB/DG U2 1:25 DILUTION
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 1 16:16 1996

Vial: 42
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-28A.D Vial: 43
Signal #2 : D:\HPCHEM\5\JL30\C680-28A.D\CONFIRM.D
Acq On : 31 Jul 96 08:06 PM Operator: JS
Sample : VHB/DG V6 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 20:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.07	6.45	1793	1684	0.008	0.010	
					Recovery	=	20.00%	25.00%	
2)	S	Decachlorobiphenyl	22.24	30.47	4507	916	0.023	0.011	#
					Recovery	=	57.50%	27.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.23	11.68	38411	25568	0.346	0.270	
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.59	7090	4369	0.040	0.032	
5)	L1	Aroclor-1016	6.81	8.80	5639	940	0.188	0.076	#
6)	L1	Aroclor-1016 {2}	8.94	10.33	9670	5126	0.618	0.203	#
7)	L1	Aroclor-1016 {3}	9.33	12.24	21762	4518	0.905	0.285	#
	Total	Aroclor-1016			37071	10583	1.711	0.565	
	Average	Aroclor-1016					0.570	0.188	
8)	L2	Aroclor-1221	5.10	8.03	82	423	0.012	0.069	#
9)	L2	Aroclor-1221 {2}	5.51	8.58	212	630	0.036	0.129	#
10)	L2	Aroclor-1221 {3}	5.69	8.80	2646	940	0.131	0.061	#
	Total	Aroclor-1221			2941	1993	0.179	0.260	
	Average	Aroclor-1221					0.060	0.087	
11)	L3	Aroclor-1232	5.69	8.80	2646	940	0.145	0.066	#
12)	L3	Aroclor-1232 {2}	6.81	10.33	5639	5126	0.413	0.427	
13)	L3	Aroclor-1232 {3}	8.62	12.24	3854	4518	0.466	0.651	#
	Total	Aroclor-1232			12139	10583	1.024	1.144	
	Average	Aroclor-1232					0.341	0.381	
14)	L4	Aroclor-1242	8.23	11.68	38411	25568	0.943	0.885	
15)	L4	Aroclor-1242 {2}	8.94	12.24	9670	4518	0.794	0.360	#
16)	L4	Aroclor-1242 {3}	10.09	14.02	19088	14378	~~1.170~~	1.177	
	Total	Aroclor-1242			67169	44464	~~2.916~~	2.423	
	Average	Aroclor-1242					0.972	0.808	
17)	L5	Aroclor-1248	9.33	14.97	21762	12352	0.705	0.563	
18)	L5	Aroclor-1248 {2}	10.09	15.19	19088	13374	0.734	0.589	
19)	L5	Aroclor-1248 {3}	11.38	16.20	24668	8185	0.726	0.466	#
	Total	Aroclor-1248			65518	33911	2.164	1.618	
	Average	Aroclor-1248					0.721	0.539	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-28A.D
Signal #2 : D:\HPCHEM\5\JL30\C680-28A.D\CONFIRM.D
Acq On : 31 Jul 96 08:06 PM
Sample : VHB/DG V6 1:5 DILUTION
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS
Quant Time: Jul 31 20:39 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.00	15.49	16566	13437	0.565	0.554
21) L6 Aroclor-1254 {2}	13.43	15.73	26755	14747	0.654 ✓	0.553
22) L6 Aroclor-1254 {3}	15.83	17.58	20711	22746	0.679 ✓	0.611
Total Aroclor-1254			64032	50930	1.898	1.718
Average Aroclor-1254				3566	0.633 2.02	0.573 360 ng/L
23) L7 Aroclor-1260	13.93	18.21	12659	8391	0.401	0.297 #
24) L7 Aroclor-1260 {2}	14.72	18.54	12122	10032	0.328	0.308
25) L7 Aroclor-1260 {3}	17.93	21.95	7927	5153	0.153	0.106 #
Total Aroclor-1260			32707	23576	0.882	0.712
Average Aroclor-1260					0.294	0.237
26) L8 Aroclor-1268	18.86	0.00	3868	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.04	0.00	5747	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.83	0.00	2449	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

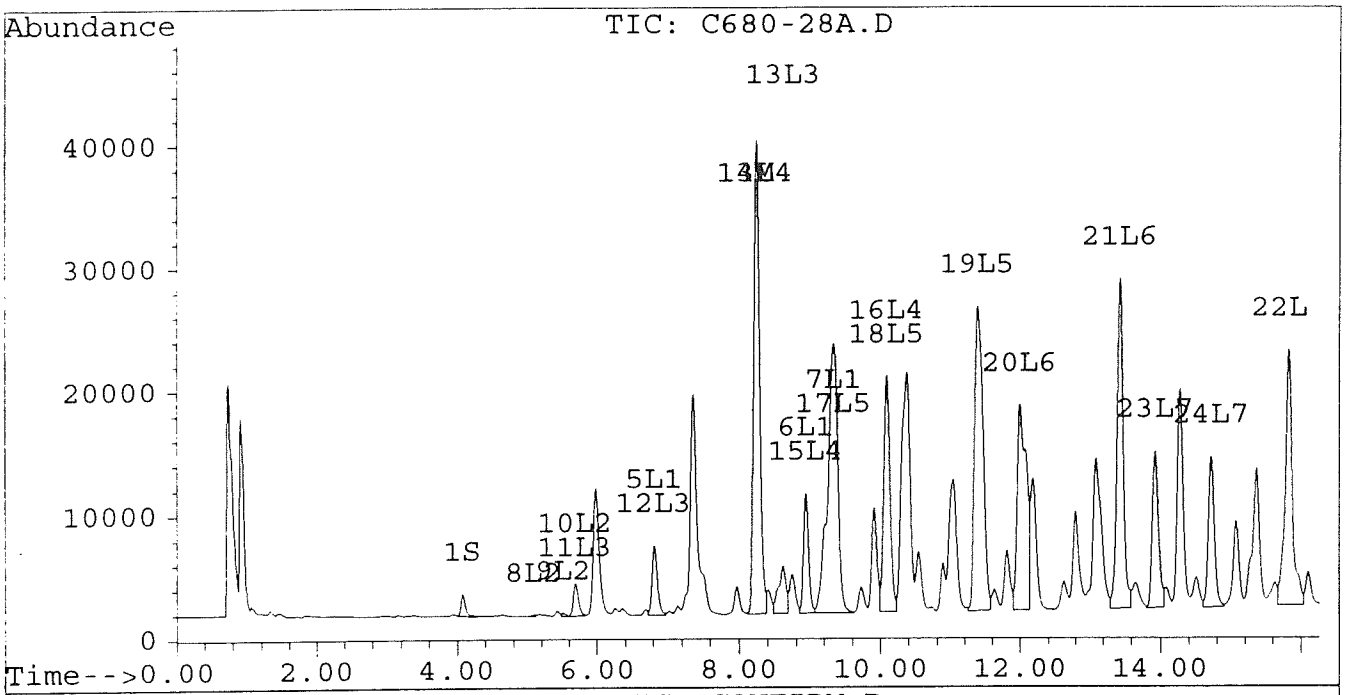
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

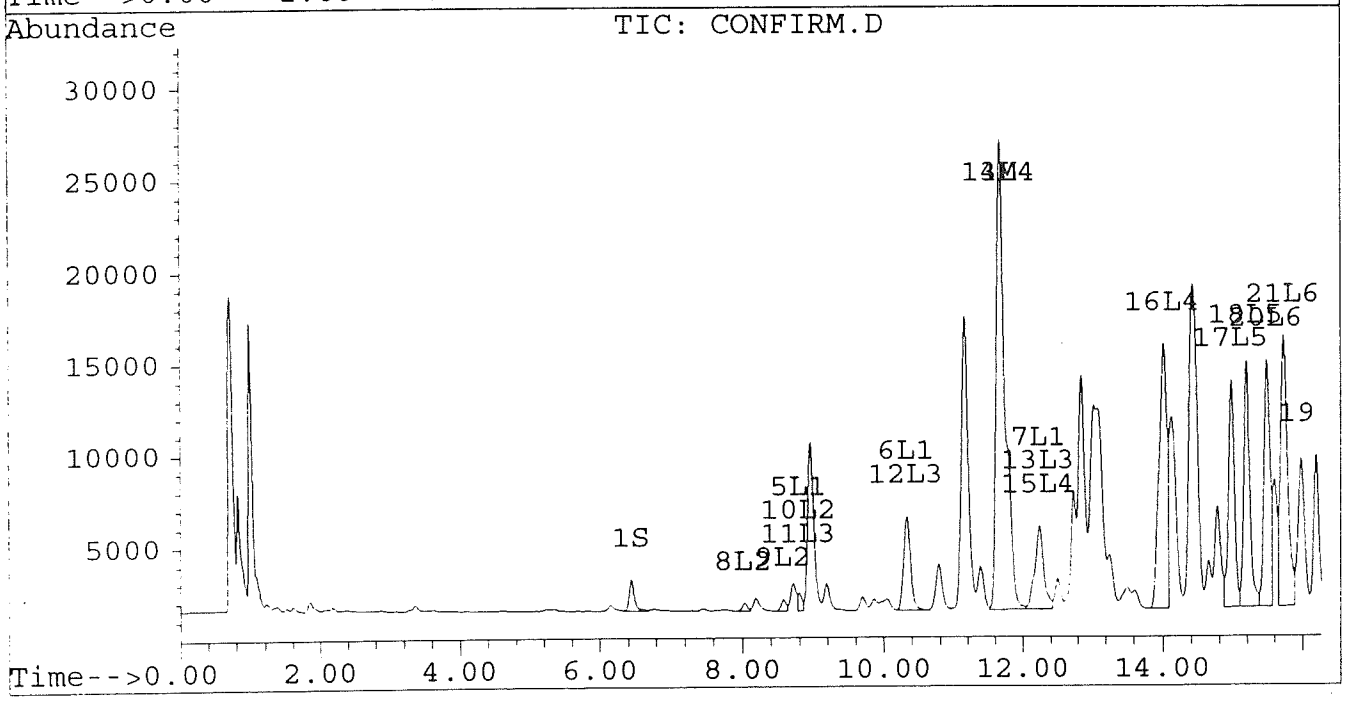
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-28A.D Vial: 43
Signal #2 : D:\HPCHEM\5\JL30\C680-28A.D\CONFIRM.D
Acq On : 31 Jul 96 08:06 PM Operator: JS
Sample : VHB/DG V6 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 20:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



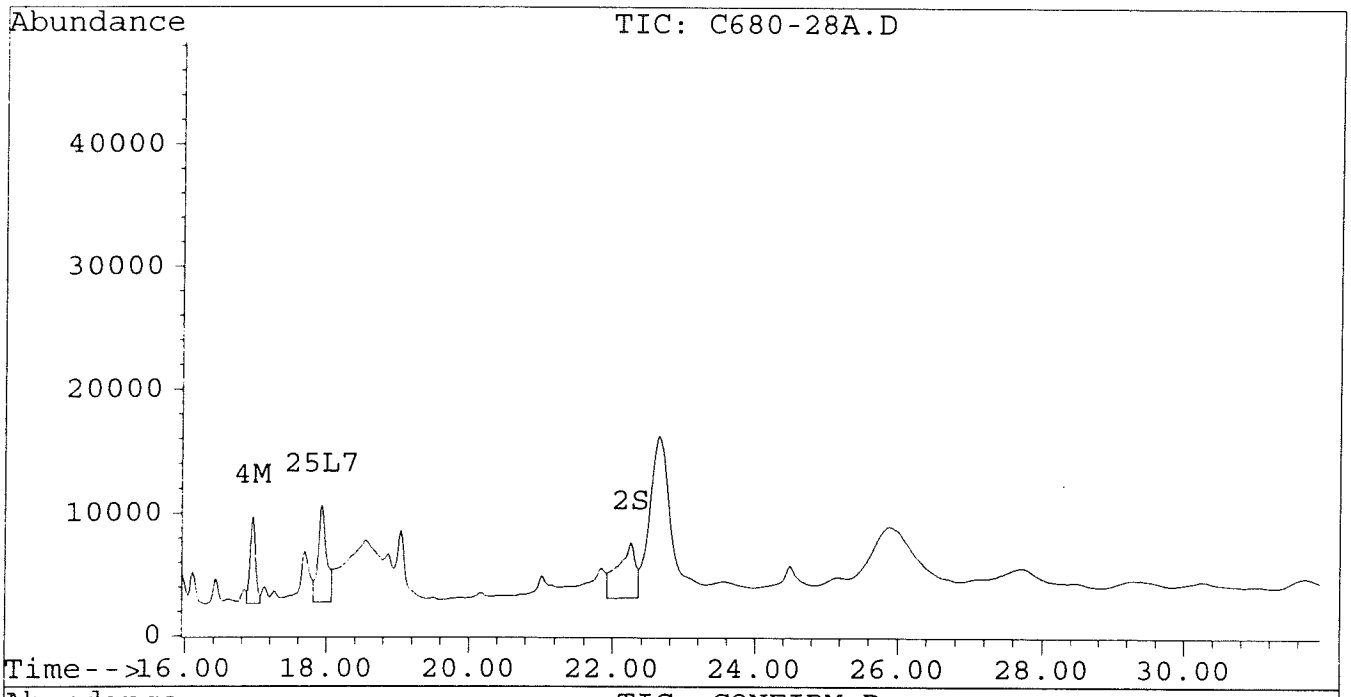


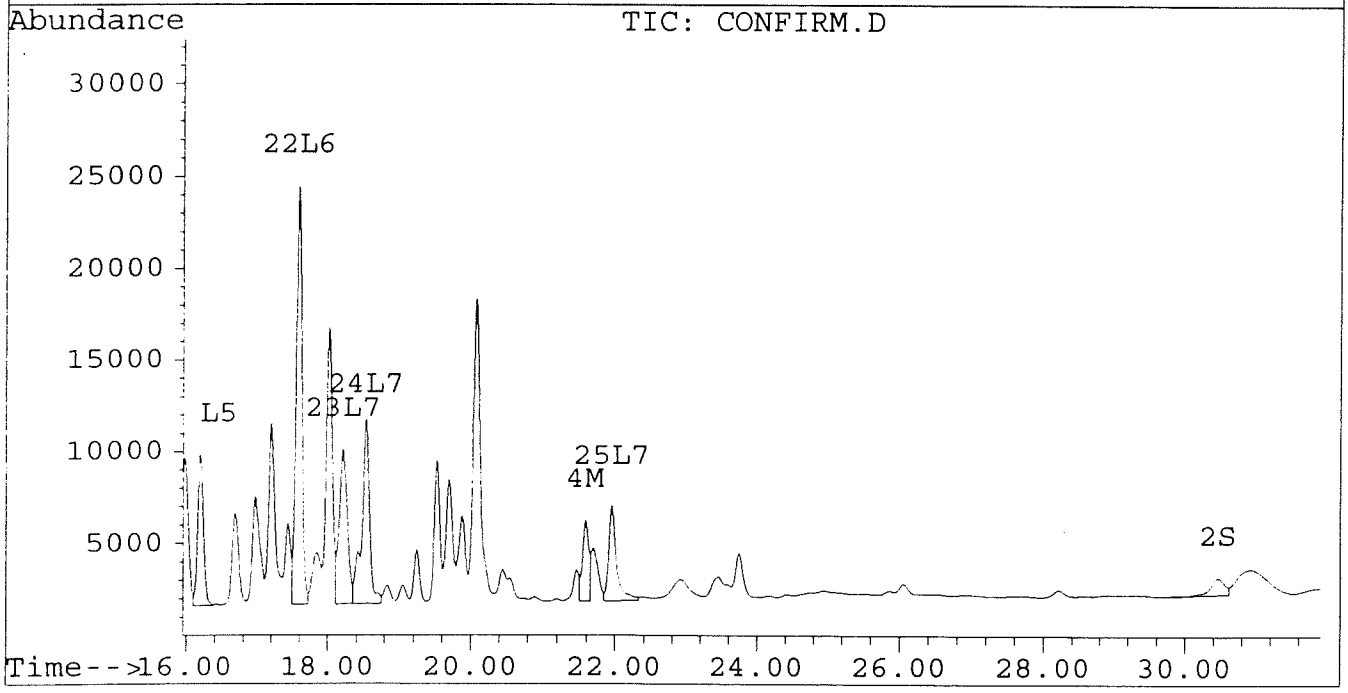
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-28A.D Vial: 43
Signal #2 : D:\HPCHEM\5\JL30\C680-28A.D\CONFIRM.D
Acq On : 31 Jul 96 08:06 PM Operator: JS
Sample : VHB/DG V6 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 31 20:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL29A\C680-29.D Vial: 6
Signal #2 : D:\HPCHEM\5\JL29A\C680-29.D\CONFIRM.D
Acq On : 29 Jul 96 09:49 PM Operator: JS
Sample : VHB/ DEQAQC M8 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:35 1996

surrogate
tmic ^ spike

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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					85	
1) S	Tetrachloro-m-xylen	4.06	6.44	7597	5990	0.034	0.035
				Recovery	=	85.00%	87.50%
2) S	Decachlorobiphenyl	22.23	30.45	2195	907	0.011m	0.011
				Recovery	=	27.50%	27.50%
						28	
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M	2,2',3,3',4,4'-Hexa	16.94	0.00	1240	0	0.007	N.D. #
5) L1	Aroclor-1016	6.82	0.00	21	0	0.001	N.D. #
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	9.35	0.00	74	0	0.003	N.D. #
Total	Aroclor-1016			95	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}	5.46f	8.61f	30	26	0.005	0.005
10) L2	Aroclor-1221 {3}	5.69	0.00	45	0	0.002	N.D. #
Total	Aroclor-1221			75	26	0.007	0.005
Average	Aroclor-1221					0.004	0.005
11) L3	Aroclor-1232	5.69	0.00	45	0	0.002	N.D. #
12) L3	Aroclor-1232 {2}	6.82	0.00	21	0	0.002	N.D. #
13) L3	Aroclor-1232 {3}	8.57f	0.00	91	0	0.011	N.D. #
Total	Aroclor-1232			157	0	0.015	N.D.
Average	Aroclor-1232					0.005	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	9.35	0.00	74	0	0.002	N.D. #
18) L5	Aroclor-1248 {2}	0.00	15.21	0	73	N.D.	0.003 #
19) L5	Aroclor-1248 {3}	11.42	0.00	105	0	0.003	N.D. #
Total	Aroclor-1248			178	73	0.005	0.003
Average	Aroclor-1248					0.003	0.003

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-29.D Vial: 6
Signal #2 : D:\HPCHEM\5\JL29A\C680-29.D\CONFIRM.D
Acq On : 29 Jul 96 09:49 PM Operator: JS
Sample : VHB/ DEQAQC M8 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	17.60	0	17	N.D.	0.000 #
Total Aroclor-1254			0	17	N.D.	0.000
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}	14.67f	0.00	14	0	0.000	N.D. #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			14	0	0.000	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-29.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-29.D\CONFIRM.D
Acq On : 29 Jul 96 09:49 PM
Sample : VHB/ DEQAQC M8
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Aug 1 17:35 1996

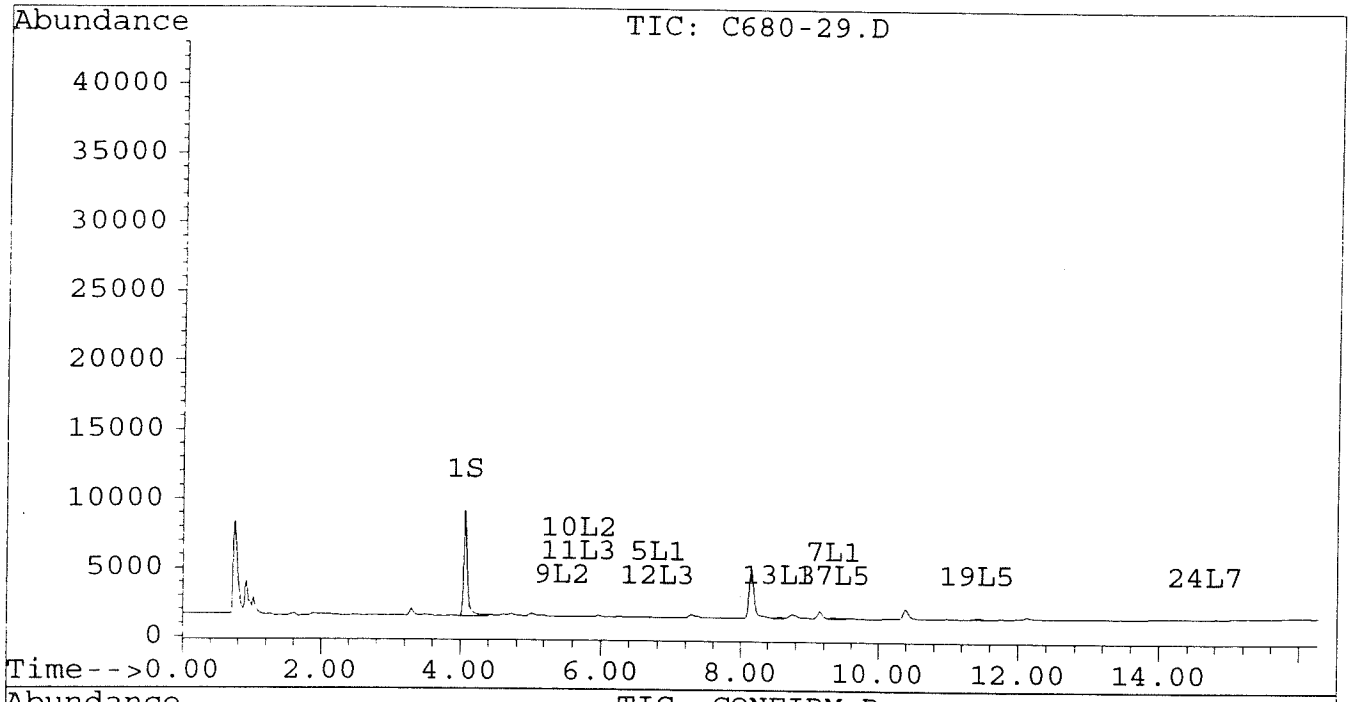
Vial: 6

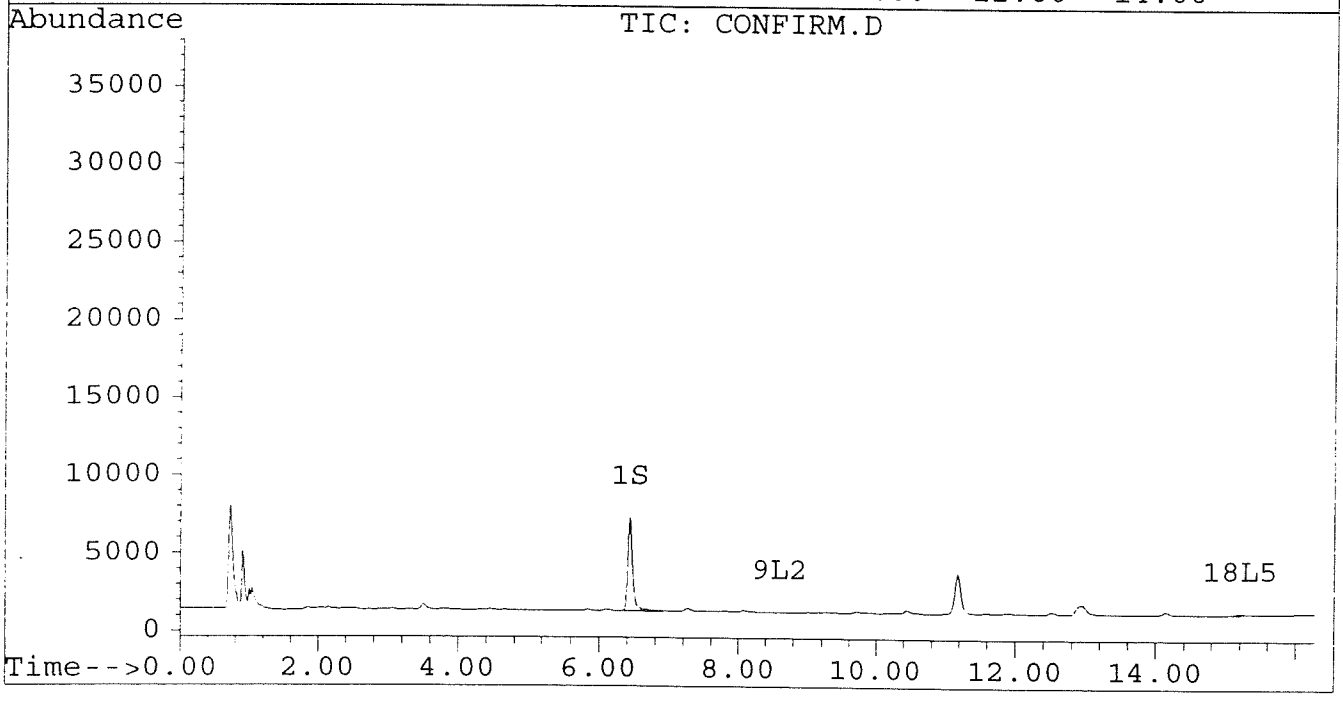
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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





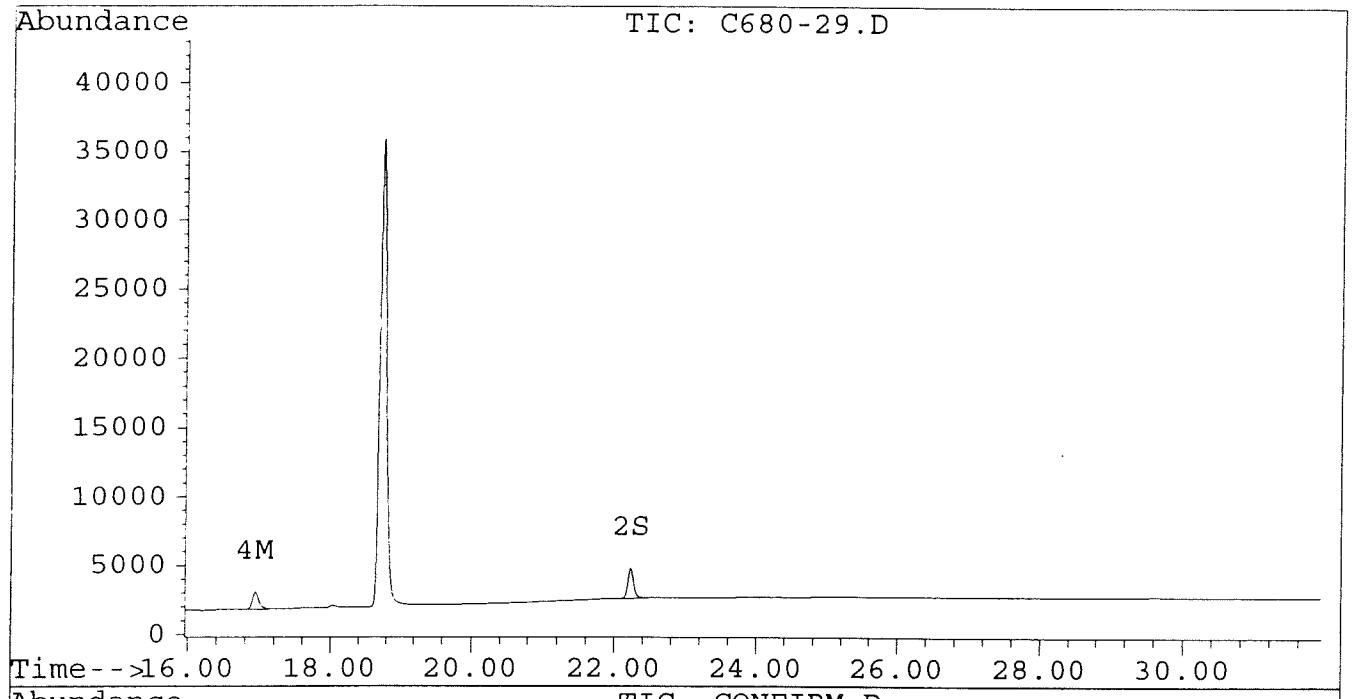
Quantitation Report

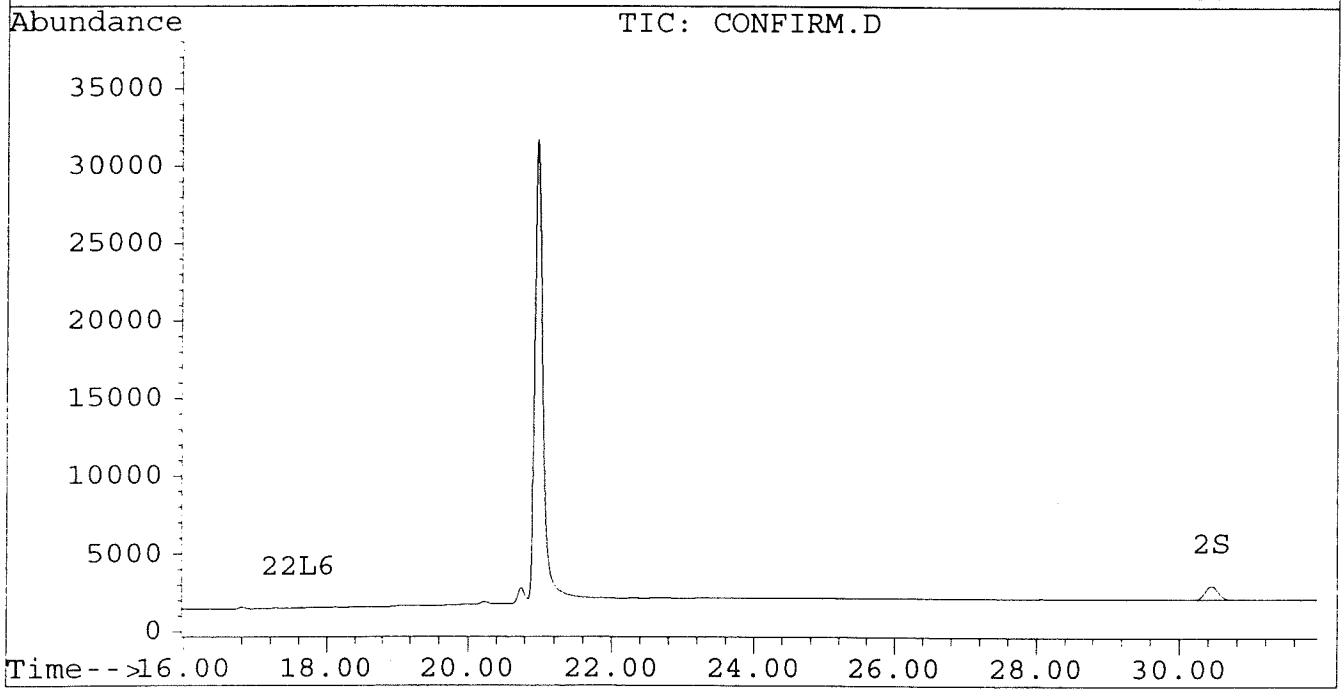
Signal #1 : D:\HPCHEM\5\JL29A\C680-29.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-29.D\CONFIRM.D
Acq On : 29 Jul 96 09:49 PM
Sample : VHB/ DEQAQC M8
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Aug 1 17:35 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





22

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-30.D Vial: 7
Signal #2 : D:\HPCHEM\5\JL29A\C680-30.D\CONFIRM.D
Acq On : 29 Jul 96 10:25 PM Operator: JS
Sample : VHB/ DEQAQC N1 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:36 1996

surrogate
furi / spike

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	7191	5784	0.032	0.033
				Recovery	=	80.00%	82.50%
2) S	Decachlorobiphenyl	22.23	30.44	2702	1142	0.014m	0.013
				Recovery	=	35.00%	32.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	11.66	0	145	N.D.	0.002 #
4) M	2,2',3,3',4,4'-Hexa	16.94	0.00	2217	0	0.012	N.D. #
5) L1	Aroclor-1016	6.81	0.00	41	0	0.001	N.D. #
6) L1	Aroclor-1016 {2}	8.94	10.31	50	46	0.003	0.002 #
7) L1	Aroclor-1016 {3}	9.34	12.28	162	19	0.007	0.001 #
	Total Aroclor-1016			254	65	0.011	0.003
	Average Aroclor-1016					0.004	0.002
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	57	0	0.003	N.D. #
	Total Aroclor-1221			57	0	0.003	N.D.
	Average Aroclor-1221					0.003	0.000
11) L3	Aroclor-1232	5.68	0.00	57	0	0.003	N.D. #
12) L3	Aroclor-1232 {2}	6.81	10.31	41	46	0.003	0.004 #
13) L3	Aroclor-1232 {3}	8.57f	12.28	91	19	0.011	0.003 #
	Total Aroclor-1232			189	65	0.017	0.007
	Average Aroclor-1232					0.006	0.003
14) L4	Aroclor-1242	0.00	11.66	0	145	N.D.	0.005 #
15) L4	Aroclor-1242 {2}	8.94	12.28	50	19	0.004	0.002 #
16) L4	Aroclor-1242 {3}	10.08	14.02	82	77	0.005	0.006
	Total Aroclor-1242			133	241	0.009	0.013
	Average Aroclor-1242					0.005	0.004
17) L5	Aroclor-1248	9.34	14.97	162	53	0.005	0.002 #
18) L5	Aroclor-1248 {2}	10.08	15.20	82	126	0.003	0.006 #
19) L5	Aroclor-1248 {3}	11.42	16.19	182	33	0.005	0.002 #
	Total Aroclor-1248			426	212	0.014	0.010
	Average Aroclor-1248					0.005	0.003

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-30.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-30.D\CONFIRM.D
Acq On : 29 Jul 96 10:25 PM
Sample : VHB/ DEQAQC N1
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Aug 1 17:36 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	15.48	65	53	0.002	0.002
21) L6	Aroclor-1254 {2}	13.43	15.73	82	58	0.002	0.002
22) L6	Aroclor-1254 {3}	15.82	17.58	73	77	0.002	0.002
Total	Aroclor-1254			220	188	0.007	0.006
Average	Aroclor-1254					0.002	0.002
23) L7	Aroclor-1260	13.92	0.00	44	0	0.001	N.D. #
24) L7	Aroclor-1260 {2}	14.70	18.53	43	31	0.001	0.001
25) L7	Aroclor-1260 {3}	17.92	0.00	17	0	0.000	N.D. #
Total	Aroclor-1260			104	31	0.003	0.001
Average	Aroclor-1260					0.001	0.001
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	28	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.82	0.00	253	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.

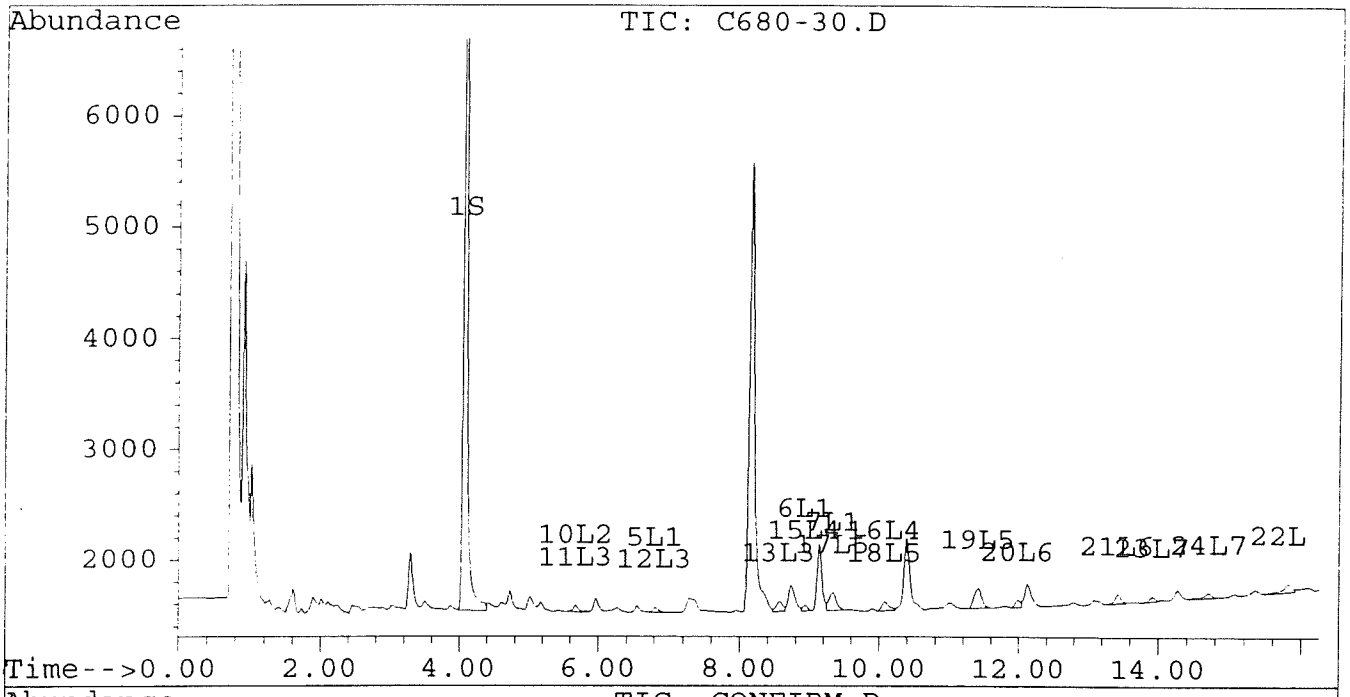
Quantitation Report

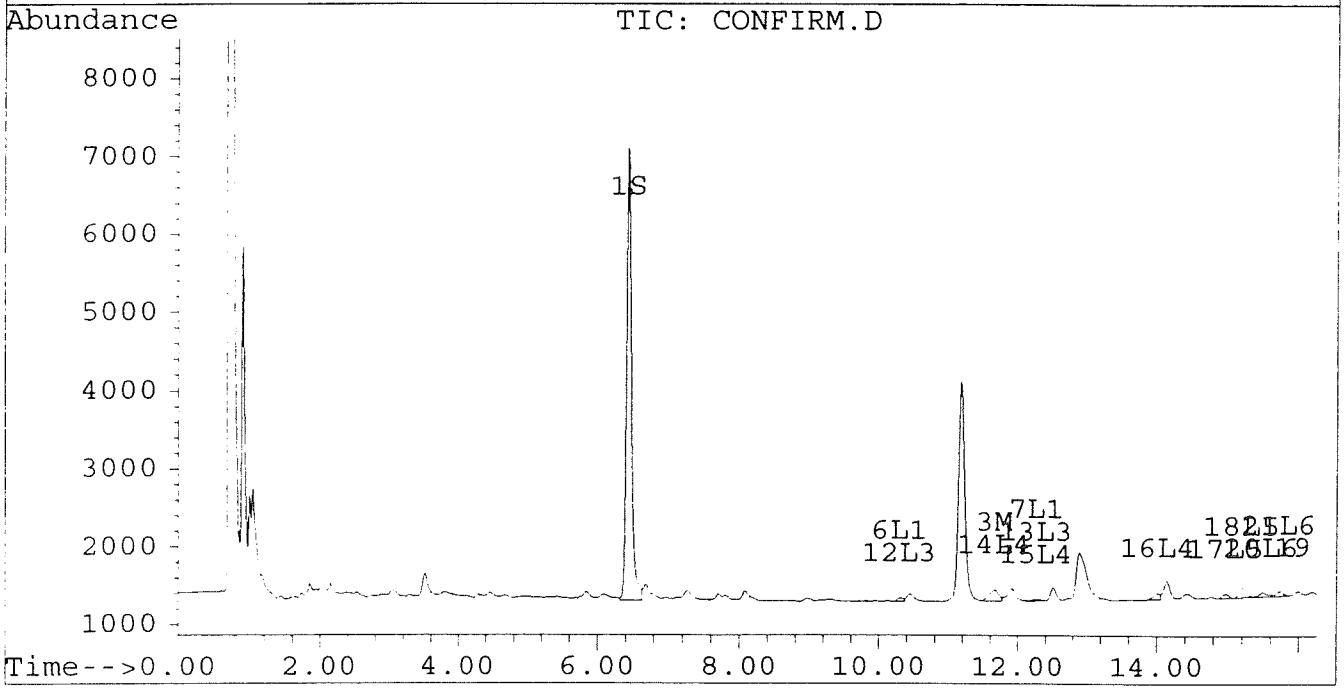
Signal #1 : D:\HPCHEM\5\JL29A\C680-30.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-30.D\CONFIRM.D
Acq On : 29 Jul 96 10:25 PM
Sample : VHB/ DEQAQC N1
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Aug 1 17:36 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





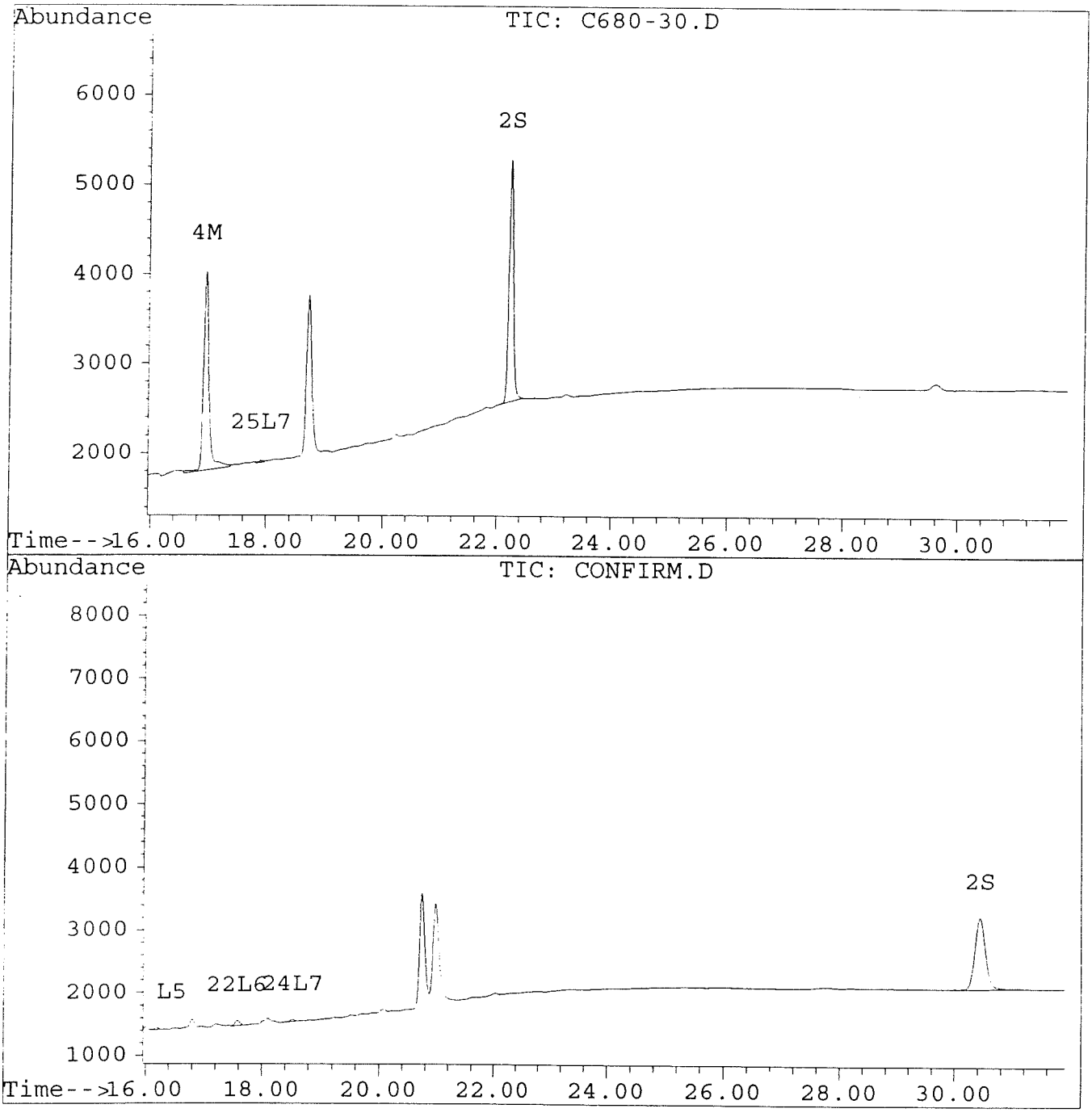
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-30.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-30.D\CONFIRM.D
Acq On : 29 Jul 96 10:25 PM
Sample : VHB/ DEQAQC N1
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Aug 1 17:36 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-31.D Vial: 8
Signal #2 : D:\HPCHEM\5\JL29A\C680-31.D\CONFIRM.D
Acq On : 29 Jul 96 11:00 PM Operator: JS
Sample : VHB/ DEQAQC Q1 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: ~~1.00~~
Quant Time: Aug 1 17:37 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	3420	2897	0.015	0.017
				Recovery	=	37.50%	42.50%
2) S	Decachlorobiphenyl	22.23	30.45	1742	741	0.009m	0.009
				Recovery	=	22.50%	22.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	11.63	0	85	N.D.	0.001 #
4) M	2,2',3,3',4,4'-Hexa	16.94	0.00	14904	0	0.083	N.D. #
5) L1	Aroclor-1016	6.81	0.00	27	0	0.001	N.D. #
6) L1	Aroclor-1016 {2}	8.94	0.00	36	0	0.002	N.D. #
7) L1	Aroclor-1016 {3}	9.34	0.00	118	0	0.005	N.D. #
	Total Aroclor-1016			181	0	0.008	N.D.
	Average Aroclor-1016					0.003	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.69	0.00	22	0	0.001	N.D. #
	Total Aroclor-1221			22	0	0.001	N.D.
	Average Aroclor-1221					0.001	0.000
11) L3	Aroclor-1232	5.69	0.00	22	0	0.001	N.D. #
12) L3	Aroclor-1232 {2}	6.81	0.00	27	0	0.002	N.D. #
13) L3	Aroclor-1232 {3}	8.57f	0.00	94	0	0.011	N.D. #
	Total Aroclor-1232			144	0	0.015	N.D.
	Average Aroclor-1232					0.005	0.000
14) L4	Aroclor-1242	0.00	11.63	0	85	N.D.	0.003 #
15) L4	Aroclor-1242 {2}	8.94	0.00	36	0	0.003	N.D. #
16) L4	Aroclor-1242 {3}	10.08	0.00	45	0	0.003	N.D. #
	Total Aroclor-1242			80	85	0.006	0.003
	Average Aroclor-1242					0.003	0.003
17) L5	Aroclor-1248	9.34	14.97	118	28	0.004	0.001 #
18) L5	Aroclor-1248 {2}	10.08	15.20	45	93	0.002	0.004 #
19) L5	Aroclor-1248 {3}	11.42	16.19	138	22	0.004	0.001 #
	Total Aroclor-1248			300	142	0.010	0.007
	Average Aroclor-1248					0.003	0.002

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-31.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-31.D\CONFIRM.D
Acq On : 29 Jul 96 11:00 PM
Sample : VHB/ DEQAQC Q1
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Aug 1 17:37 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	15.49	34	27	0.001	0.001
21) L6	Aroclor-1254 {2}	13.43	15.73	42	29	0.001	0.001
22) L6	Aroclor-1254 {3}	15.82	17.58	39	44	0.001	0.001
Total	Aroclor-1254			116	99	0.003	0.003
Average	Aroclor-1254					0.001	0.001
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	14.71	0.00	21	0	0.001	N.D. #
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			21	0	0.001	N.D.
Average	Aroclor-1260					0.001	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.02	23.47f	41	124	NoCal	NoCal
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

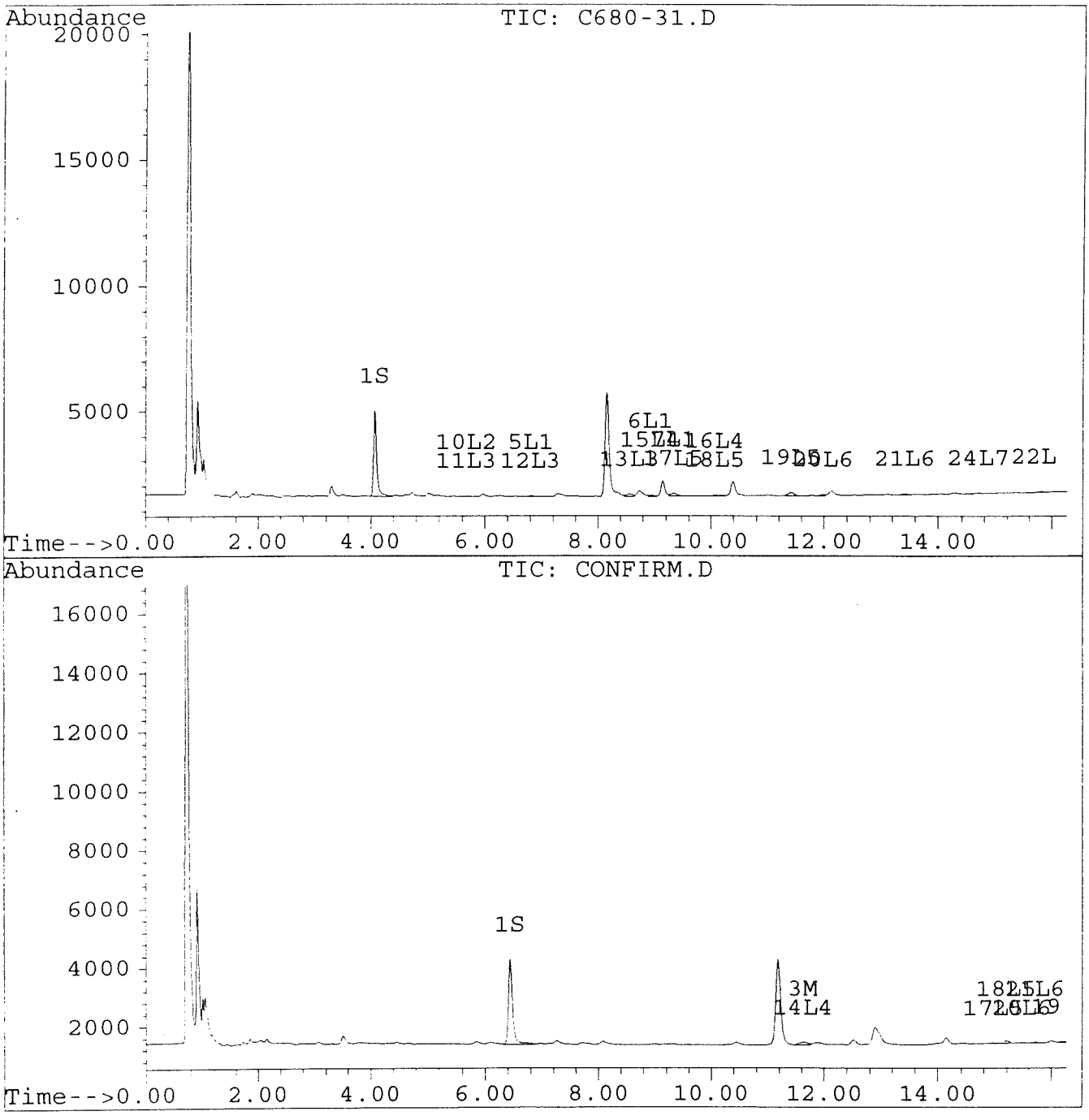
230

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-31.D Vial: 8
Signal #2 : D:\HPCHEM\5\JL29A\C680-31.D\CONFIRM.D
Acq On : 29 Jul 96 11:00 PM Operator: JS
Sample : VHB/ DEQAQC Q1 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:37 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



231

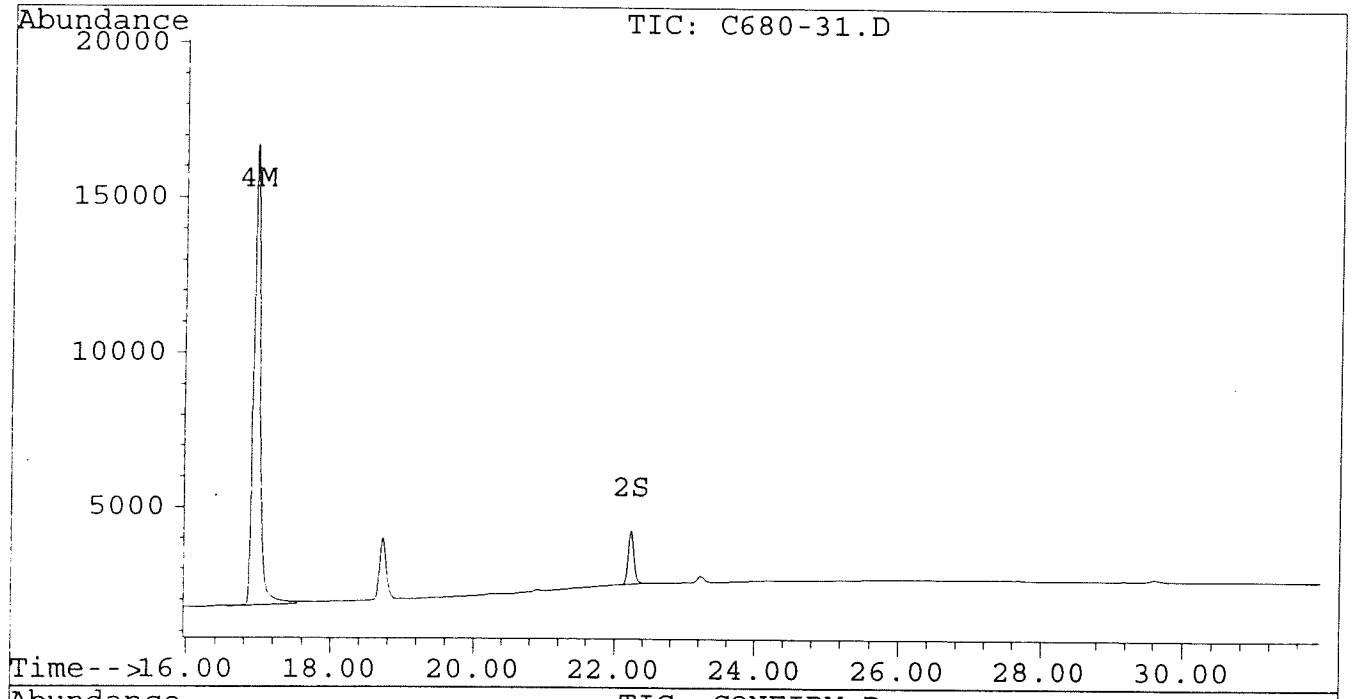
Quantitation Report

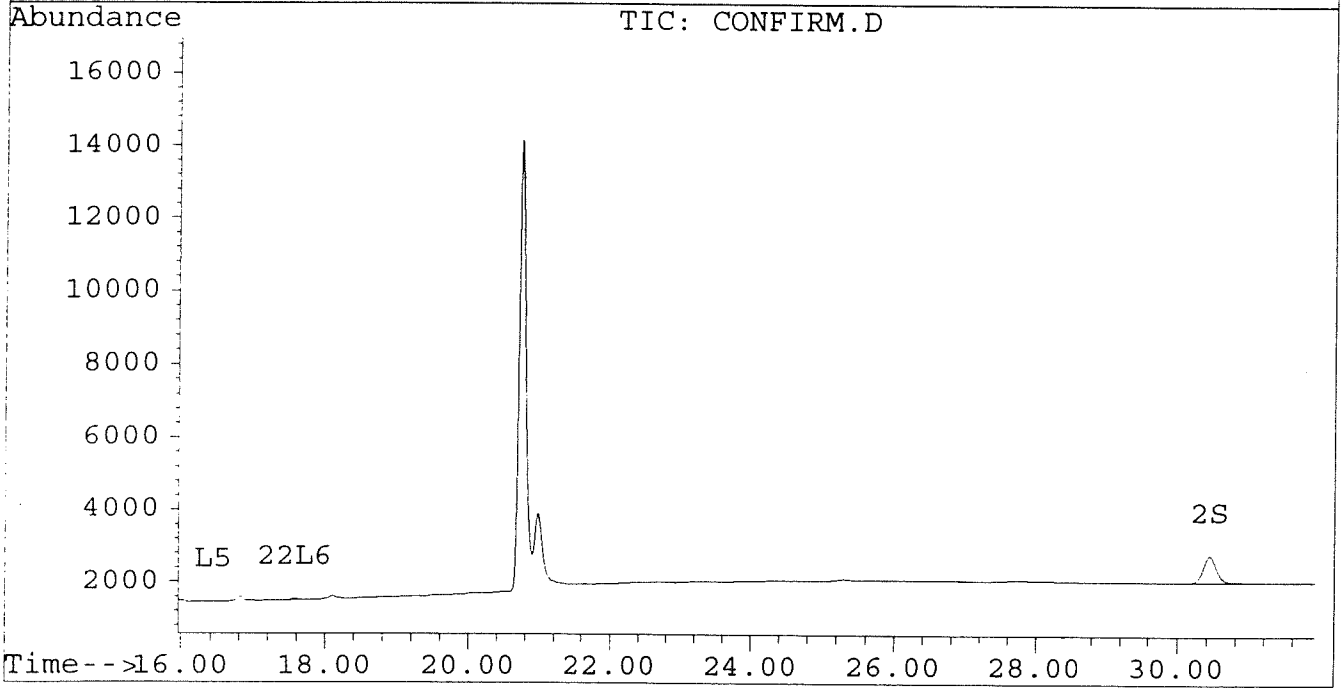
Signal #1 : D:\HPCHEM\5\JL29A\C680-31.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-31.D\CONFIRM.D
Acq On : 29 Jul 96 11:00 PM
Sample : VHB/ DEQAQC Q1
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Aug 1 17:37 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-32.D Vial: 9
Signal #2 : D:\HPCHEM\5\JL29A\C680-32.D\CONFIRM.D
Acq On : 29 Jul 96 11:36 PM Operator: JS
Sample : VHB/ DEQAQC U8 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	3348	2790	0.015	0.016	
					Recovery	=	37.50%	40.00%	
2)	S	Decachlorobiphenyl	22.23	30.44	1635	702	0.008m	0.008	
					Recovery	=	20.00%	20.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	0.00	11.63	0	77	N.D.	0.001	#
4)	M	2,2',3,3',4,4'-Hexa	16.94	0.00	5385	0	0.030	N.D.	#
5)	L1	Aroclor-1016	6.82	0.00	22	0	0.001	N.D.	#
6)	L1	Aroclor-1016 (2)	8.94	0.00	33	0	0.002	N.D.	#
7)	L1	Aroclor-1016 (3)	9.34	0.00	116	0	0.005	N.D.	#
		Total Aroclor-1016			171	0	0.008	N.D.	
		Average Aroclor-1016					0.003	0.000	
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9)	L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.	
10)	L2	Aroclor-1221 (3)	5.69	0.00	22	0	0.001	N.D.	#
		Total Aroclor-1221			22	0	0.001	N.D.	
		Average Aroclor-1221					0.001	0.000	
11)	L3	Aroclor-1232	5.69	0.00	22	0	0.001	N.D.	#
12)	L3	Aroclor-1232 (2)	6.82	0.00	22	0	0.002	N.D.	#
13)	L3	Aroclor-1232 (3)	8.57f	0.00	83	0	0.010	N.D.	#
		Total Aroclor-1232			127	0	0.013	N.D.	
		Average Aroclor-1232					0.004	0.000	
14)	L4	Aroclor-1242	0.00	11.63	0	77	N.D.	0.003	#
15)	L4	Aroclor-1242 (2)	8.94	0.00	33	0	0.003	N.D.	#
16)	L4	Aroclor-1242 (3)	10.08	0.00	41	0	0.003	N.D.	#
		Total Aroclor-1242			74	77	0.005	0.003	
		Average Aroclor-1242					0.003	0.003	
17)	L5	Aroclor-1248	9.34	14.97	116	25	0.004	0.001	#
18)	L5	Aroclor-1248 (2)	10.08	15.20	41	87	0.002	0.004	#
19)	L5	Aroclor-1248 (3)	11.42	0.00	127	0	0.004	N.D.	#
		Total Aroclor-1248			283	113	0.009	0.005	
		Average Aroclor-1248					0.003	0.003	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-32.D Vial: 9
Signal #2 : D:\HPCHEM\5\JL29A\C680-32.D\CONFIRM.D
Acq On : 29 Jul 96 11:36 PM Operator: JS
Sample : VHB/ DEQAQC U8 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.49	36	29	0.001	0.001
21) L6	Aroclor-1254 {2}	13.43	15.73	45	32	0.001	0.001
22) L6	Aroclor-1254 {3}	15.82	17.58	56	43	0.002	0.001 #
Total	Aroclor-1254			137	104	0.004	0.004
Average	Aroclor-1254					0.001	0.001
23) L7	Aroclor-1260	13.92	0.00	23	0	0.001	N.D. #
24) L7	Aroclor-1260 {2}	14.71	18.54	28	22	0.001	0.001
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			52	22	0.002	0.001
Average	Aroclor-1260					0.001	0.001
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.04	0.00	47	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.

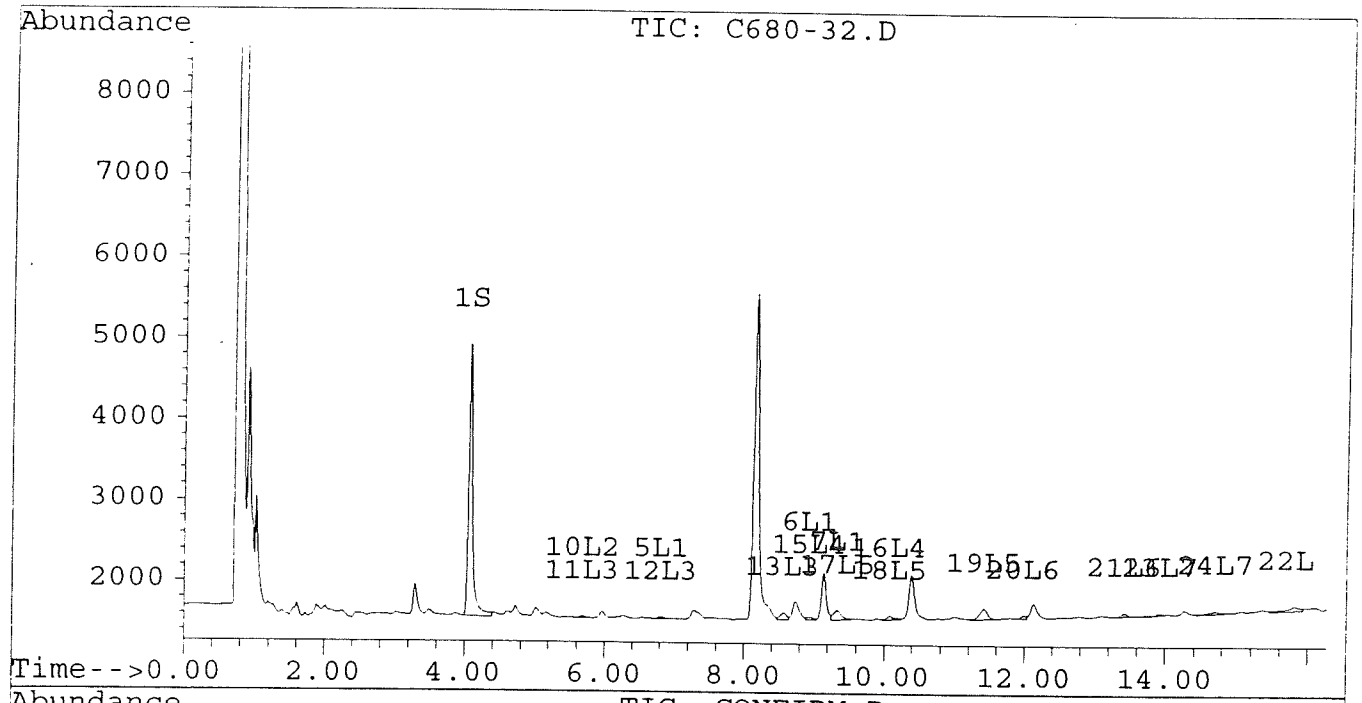
Quantitation Report

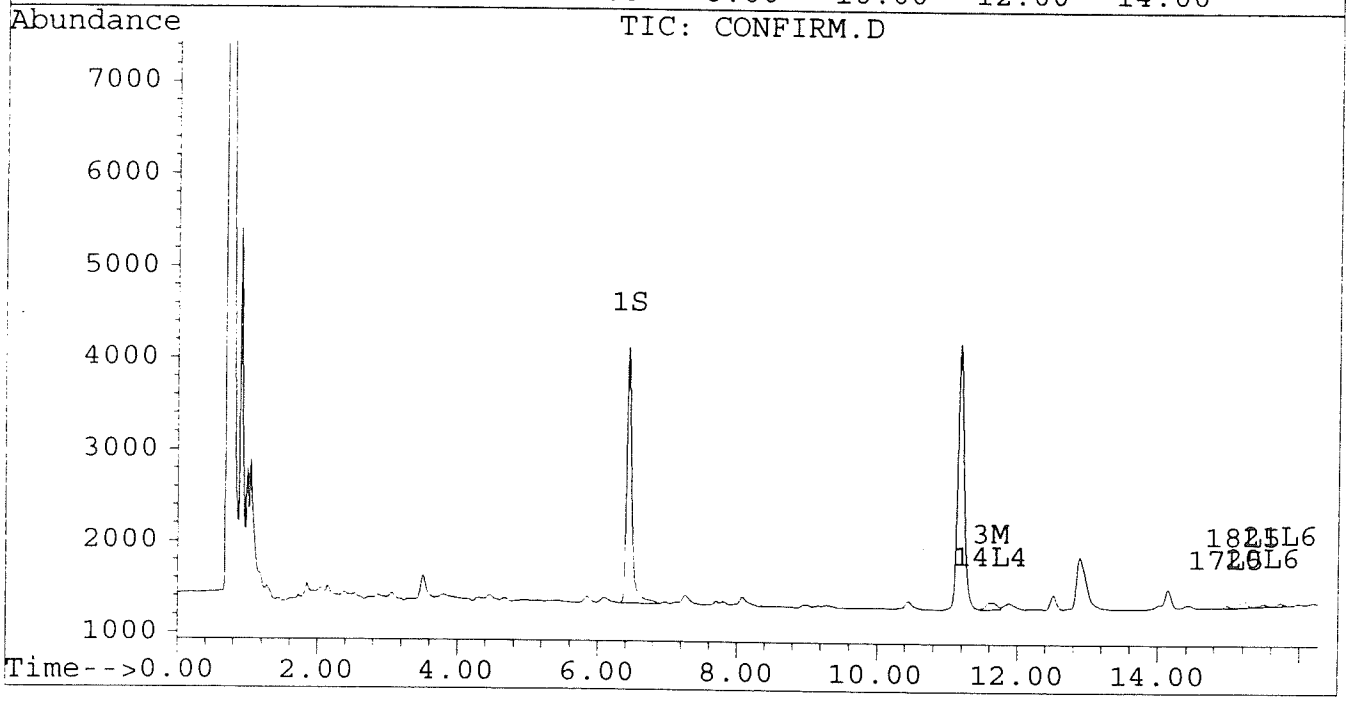
Signal #1 : D:\HPCHEM\5\JL29A\C680-32.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-32.D\CONFIRM.D
Acq On : 29 Jul 96 11:36 PM
Sample : VHB/ DEQAQC U8
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Aug 1 17:38 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





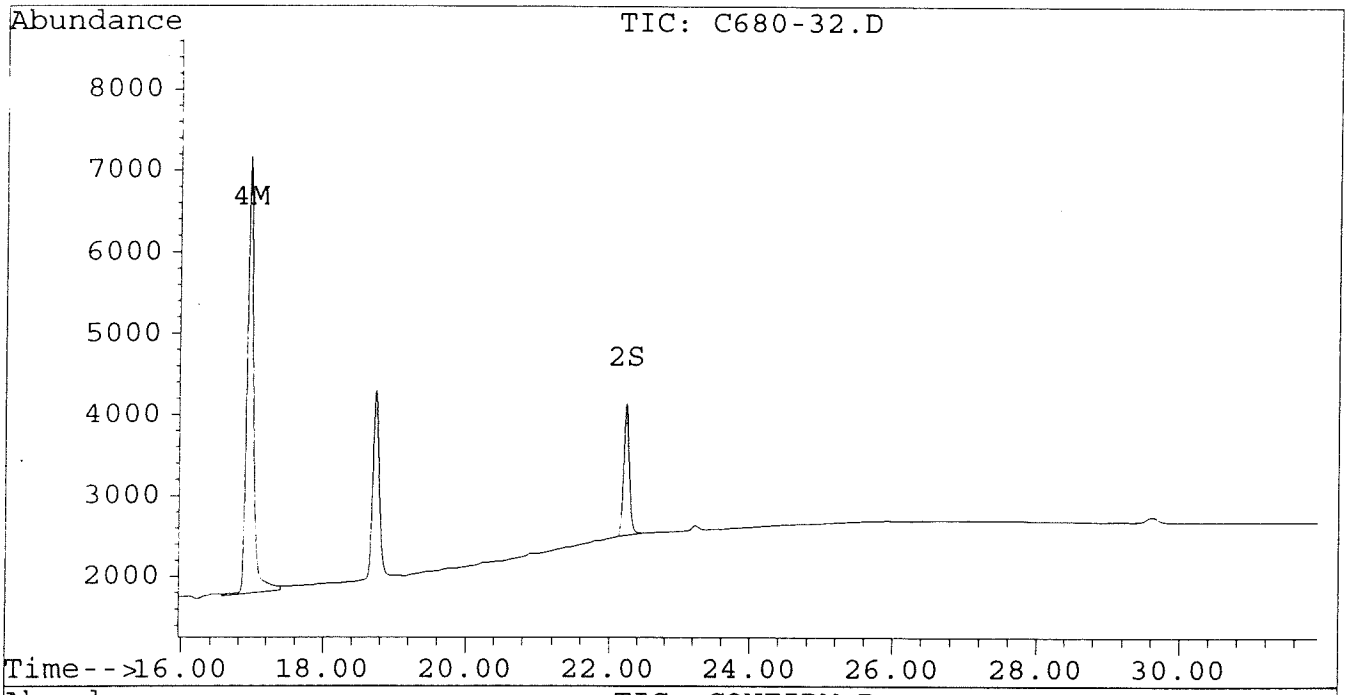
Quantitation Report

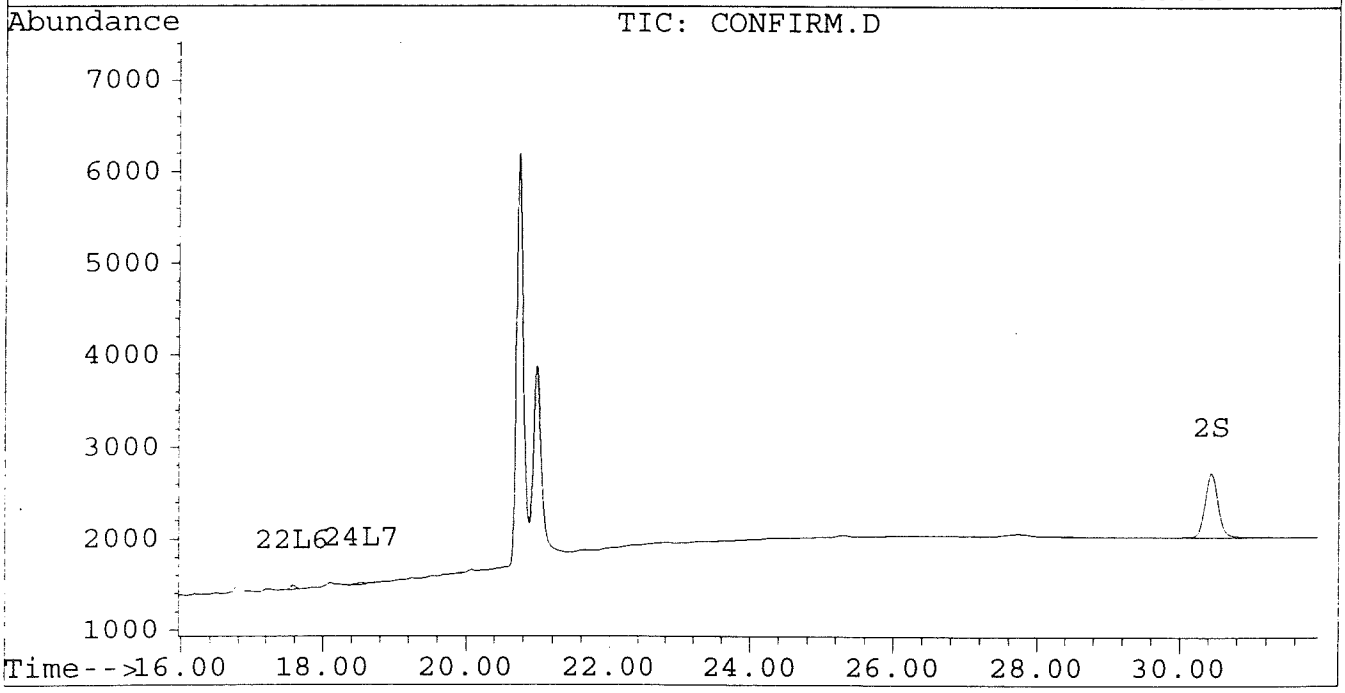
Signal #1 : D:\HPCHEM\5\JL29A\C680-32.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-32.D\CONFIRM.D
Acq On : 29 Jul 96 11:36 PM
Sample : VHB/ DEQAQC U8
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Aug 1 17:38 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-33.D Vial: 18
Signal #2 : D:\HPCHEM\5\JL30\C680-33.D\CONFIRM.D
Acq On : 31 Jul 96 00:46 AM Operator: JS
Sample : VHB/~~PG-005~~ P(M7:09)(1-2') KOS Inst : ECD1
Misc : 30.3G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	9166	6649	0.041m	0.038
				Recovery	=	102.50%	95.00%
2) S	Decachlorobiphenyl	22.24	0.00	5700	0	0.029m	N.D. #
				Recovery	=	72.50%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.67	23963	13866	0.216	0.147 #
4) M	2,2',3,3',4,4'-Hexa	16.94	21.60	3617	3077	0.020	0.022
5) L1	Aroclor-1016	6.80	8.80	8426	661	0.280	0.054 #
6) L1	Aroclor-1016 {2}	8.93	10.33	9683	4840	0.619	0.192 #
7) L1	Aroclor-1016 {3}	9.33	12.25	14952	2803	0.622	0.177 #
	Total Aroclor-1016			33061	8304	1.521	0.422
	Average Aroclor-1016					0.507	0.141
8) L2	Aroclor-1221	5.07	8.03	1916	249	0.273	0.041 #
9) L2	Aroclor-1221 {2}	5.51	8.57	2209	308	0.379	0.063 #
10) L2	Aroclor-1221 {3}	5.68	8.80	3381	661	0.167	0.043 #
	Total Aroclor-1221			7506	1219	0.819	0.147
	Average Aroclor-1221					0.273	0.049
11) L3	Aroclor-1232	5.68	8.80	3381	661	0.185	0.046 #
12) L3	Aroclor-1232 {2}	6.80	10.33	8426	4840	0.617	0.403 #
13) L3	Aroclor-1232 {3}	8.61	12.25	6724	2803	0.812	0.404 #
	Total Aroclor-1232			18531	8304	1.615	0.853
	Average Aroclor-1232					0.538	0.284
14) L4	Aroclor-1242	8.22	11.67	20616	13866	0.506m	0.480
15) L4	Aroclor-1242 {2}	8.93	12.25	6033	2513	0.495m	0.200m#
16) L4	Aroclor-1242 {3}	10.08	14.02	10021	6704	0.619m	0.549m
	Total Aroclor-1242			36670	23083	1.620	1.229
	Average Aroclor-1242					0.540	0.410
17) L5	Aroclor-1248	9.33	14.97	14952	6880	0.484	0.314 #
18) L5	Aroclor-1248 {2}	10.08	15.19	16308	7336	0.627	0.323 #
19) L5	Aroclor-1248 {3}	11.38	16.19	10680	5436	0.314	0.310
	Total Aroclor-1248			41940	19652	1.425	0.946
	Average Aroclor-1248					0.475	0.315

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-33.D Vial: 18
Signal #2 : D:\HPCHEM\5\JL30\C680-33.D\CONFIRM.D
Acq On : 31 Jul 96 00:46 AM Operator: JS
Sample : VHB/~~PG 005~~ P(M7:09)(1-2') KOJ Inst : ECD1
Misc : 30.3G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	5981	4696	0.204m	0.194m
21) L6 Aroclor-1254 {2}	13.43	15.72	9126	5197	0.223	0.195m
22) L6 Aroclor-1254 {3}	15.82	17.58	6284	7496	0.206m	0.201m
Total Aroclor-1254			21391	17389	0.633	0.590
Average Aroclor-1254					0.211	0.197
23) L7 Aroclor-1260	13.92	0.00	4513	0	0.143	N.D. #
24) L7 Aroclor-1260 {2}	14.71	18.53	4277	6811	0.116	0.209 #
25) L7 Aroclor-1260 {3}	17.91	21.96	6627	6369	0.128	0.131
Total Aroclor-1260			15417	13181	0.386	0.341
Average Aroclor-1260					0.129	0.170
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	9466	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{1.001 \times 10}{0.0303 \times .88 \times .666} = \frac{~~375~~}{~~380~~}$ 563 → 560

AR1254

$\frac{0.429 \times 10}{0.0303 \times .88 \times .666} =$ 241 → 240

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

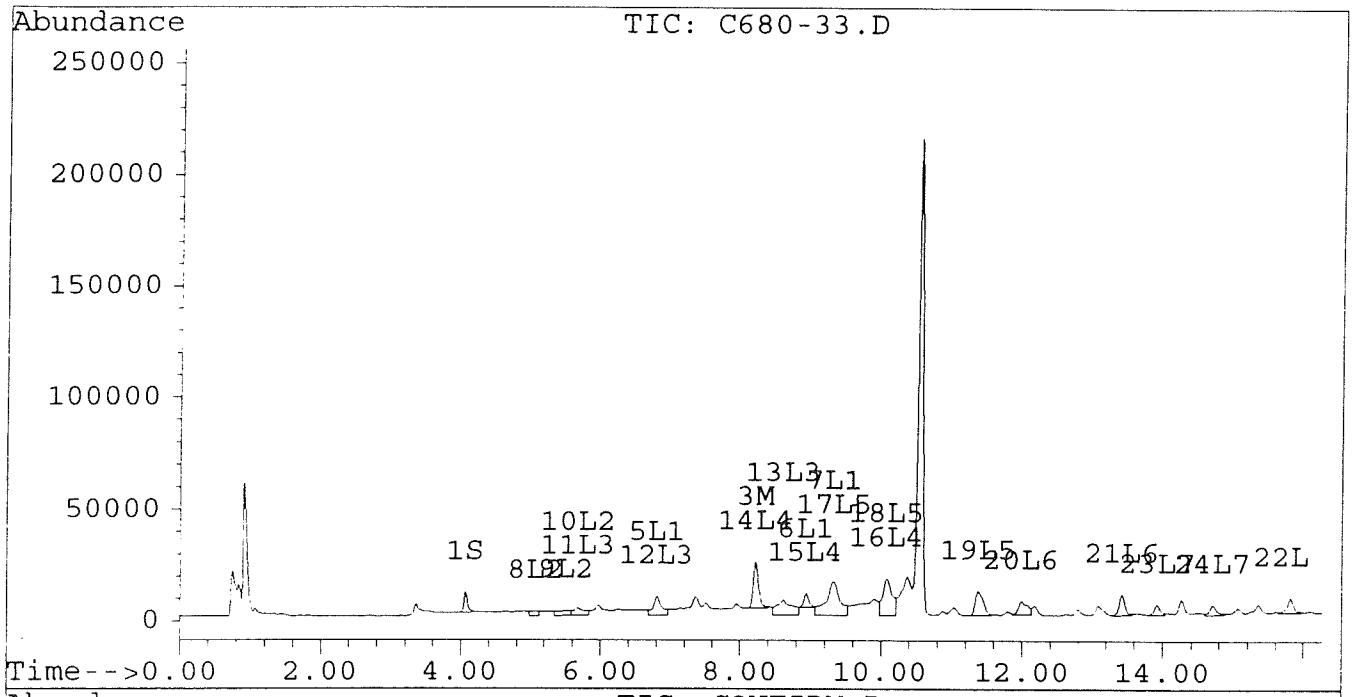
Quantitation Report

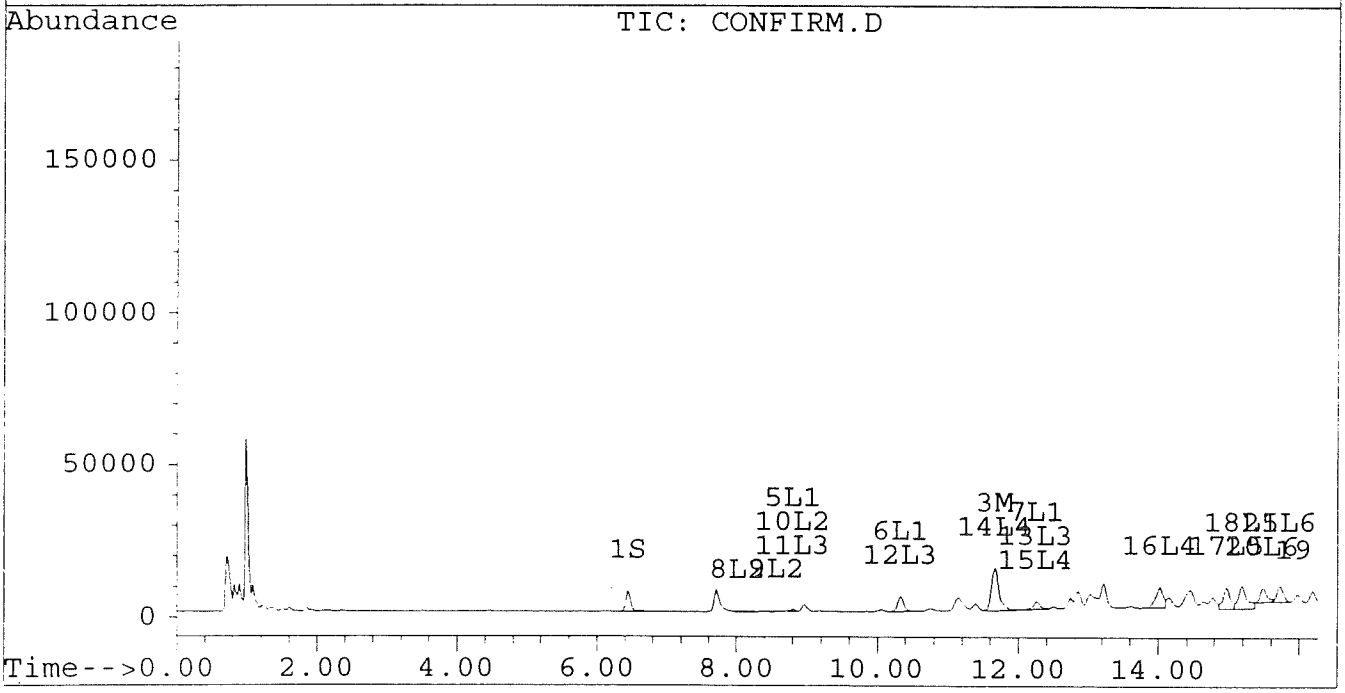
Signal #1 : D:\HPCHEM\5\JL30\C680-33.D
Signal #2 : D:\HPCHEM\5\JL30\C680-33.D\CONFIRM.D
Acq On : 31 Jul 96 00:46 AM
Sample : VHB/~~PG-005~~ P(M7:09)(1-2') KOS
Misc : 30.3G/10ML 88% SOLID PCB ANALYSIS
Quant Time: Aug 1 16:29 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



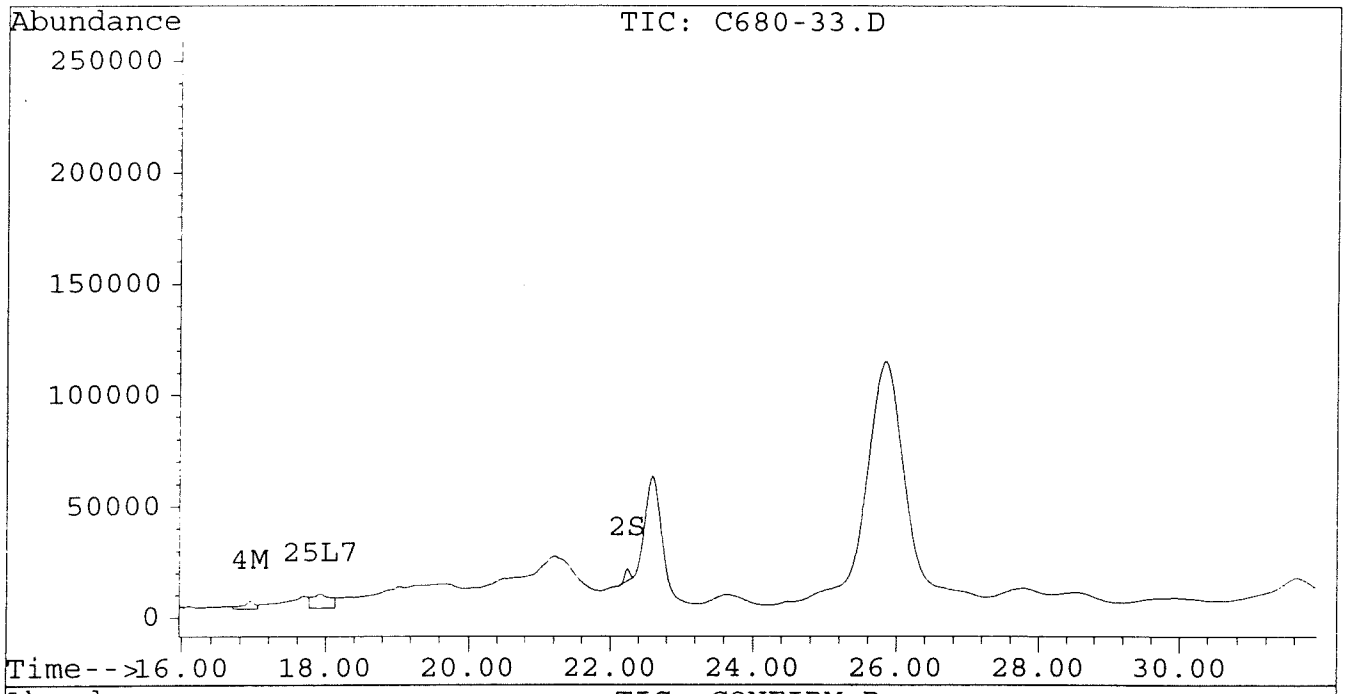


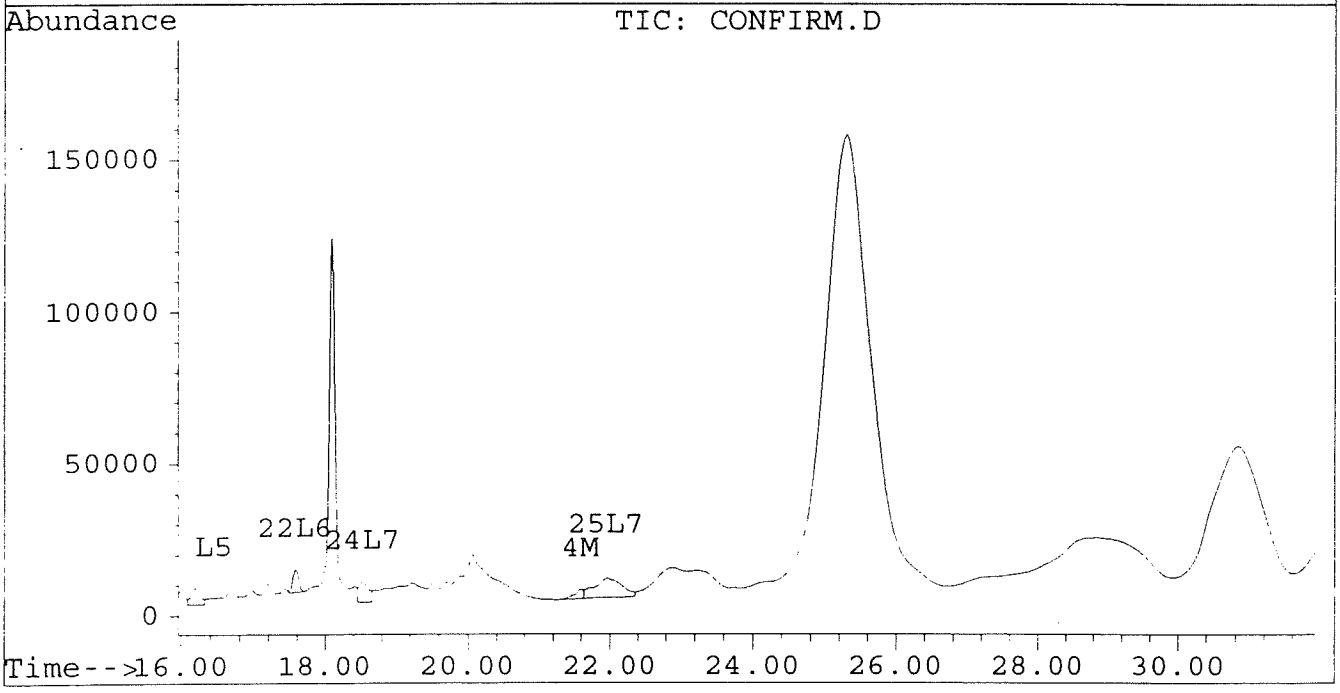
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-33.D Vial: 18
Signal #2 : D:\HPCHEM\5\JL30\C680-33.D\CONFIRM.D
Acq On : 31 Jul 96 00:46 AM Operator: JS
Sample : VHB/~~PG-005~~ P(M7:09)(1-2') KOS Inst : ECD1
Misc : 30.3G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\C680-34.D Vial: 19
Signal #2 : D:\HPCHEM\5\JL30\C680-34.D\CONFIRM.D
Acq On : 31 Jul 96 01:22 AM Operator: JS
Sample : VHB/PM10:O12 Inst : ECD1
Misc : 30.2G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	8642	6604	0.039	0.038
				Recovery	=	97.50%	95.00%
2) S	Decachlorobiphenyl	22.23	0.00	7437	0	0.038m	N.D. #
				Recovery	=	95.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.67	2675	1804	0.024	0.019
4) M	2,2',3,3',4,4'-Hexa	16.94	0.00	2679	0	0.015	N.D. #
5) L1	Aroclor-1016	6.81	8.80	1037	354	0.034	0.029
6) L1	Aroclor-1016 {2}	8.94	10.33	910	1012	0.058	0.040 #
7) L1	Aroclor-1016 {3}	9.33	12.26	2054	471	0.085	0.030 #
	Total Aroclor-1016			4001	1838	0.178	0.099
	Average Aroclor-1016					0.059	0.033
8) L2	Aroclor-1221	5.05	8.02	29	707	0.004	0.116 #
9) L2	Aroclor-1221 {2}	0.00	8.57	0	347	N.D.	0.071 #
10) L2	Aroclor-1221 {3}	5.67	8.80	290	354	0.014	0.023 #
	Total Aroclor-1221			319	1408	0.018	0.210
	Average Aroclor-1221					0.009	0.070
11) L3	Aroclor-1232	5.67	8.80	290	354	0.016	0.025 #
12) L3	Aroclor-1232 {2}	6.81	10.33	1037	1012	0.076	0.084
13) L3	Aroclor-1232 {3}	8.61	12.26	652	471	0.079	0.068
	Total Aroclor-1232			1979	1838	0.171	0.177
	Average Aroclor-1232					0.057	0.059
14) L4	Aroclor-1242	8.22	11.67	2510	1712	0.062m	0.059m
15) L4	Aroclor-1242 {2}	8.94	12.26	715	370	0.059m	0.030m#
16) L4	Aroclor-1242 {3}	10.08	14.02	1440	1202	0.089m	0.098m
	Total Aroclor-1242			4665	3284	0.209	0.187
	Average Aroclor-1242					0.070	0.062
17) L5	Aroclor-1248	9.33	14.97	2054	1178	0.067	0.054
18) L5	Aroclor-1248 {2}	10.08	15.19	1871	1245	0.072	0.055
19) L5	Aroclor-1248 {3}	11.38	16.20	1214	417	0.036	0.024 #
	Total Aroclor-1248			5139	2840	0.174	0.132
	Average Aroclor-1248					0.058	0.044

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-34.D
Signal #2 : D:\HPCHEM\5\JL30\C680-34.D\CONFIRM.D
Acq On : 31 Jul 96 01:22 AM
Sample : VHB/PM10:012
Misc : 30.2G/10ML 90% SOLID PCB ANALYSIS
Quant Time: Aug 1 16:59 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	15.48	544	645	0.019m	0.027m#
21) L6 Aroclor-1254 {2}	13.43	15.72	776	603	0.019m	0.023m
22) L6 Aroclor-1254 {3}	15.82	17.58	492	667	0.016m	0.018m
Total Aroclor-1254			1812	1915	0.054	0.067
Average Aroclor-1254					0.018	0.022
23) L7 Aroclor-1260	13.92	0.00	566	0	0.018	N.D. #
24) L7 Aroclor-1260 {2}	14.71	18.54	702	373	0.019	0.011 #
25) L7 Aroclor-1260 {3}	17.90	0.00	1991	0	0.038	N.D. #
Total Aroclor-1260			3259	373	0.075	0.011
Average Aroclor-1260					0.025	0.011
26) L8 Aroclor-1268	18.85	0.00	896	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	983	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

MP

AR1242

$$\frac{0.121 \times 10}{0.0302 \times .90 \times .666} = 66.8$$

66

~~AR1254~~

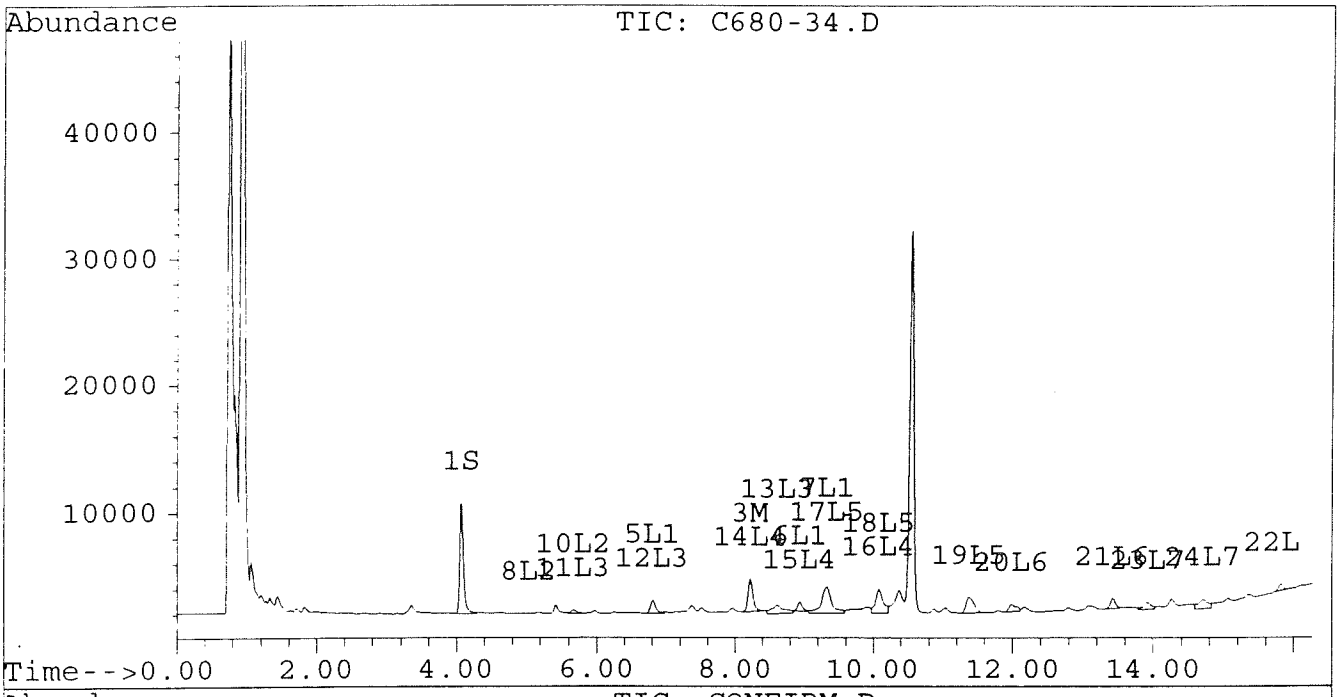
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

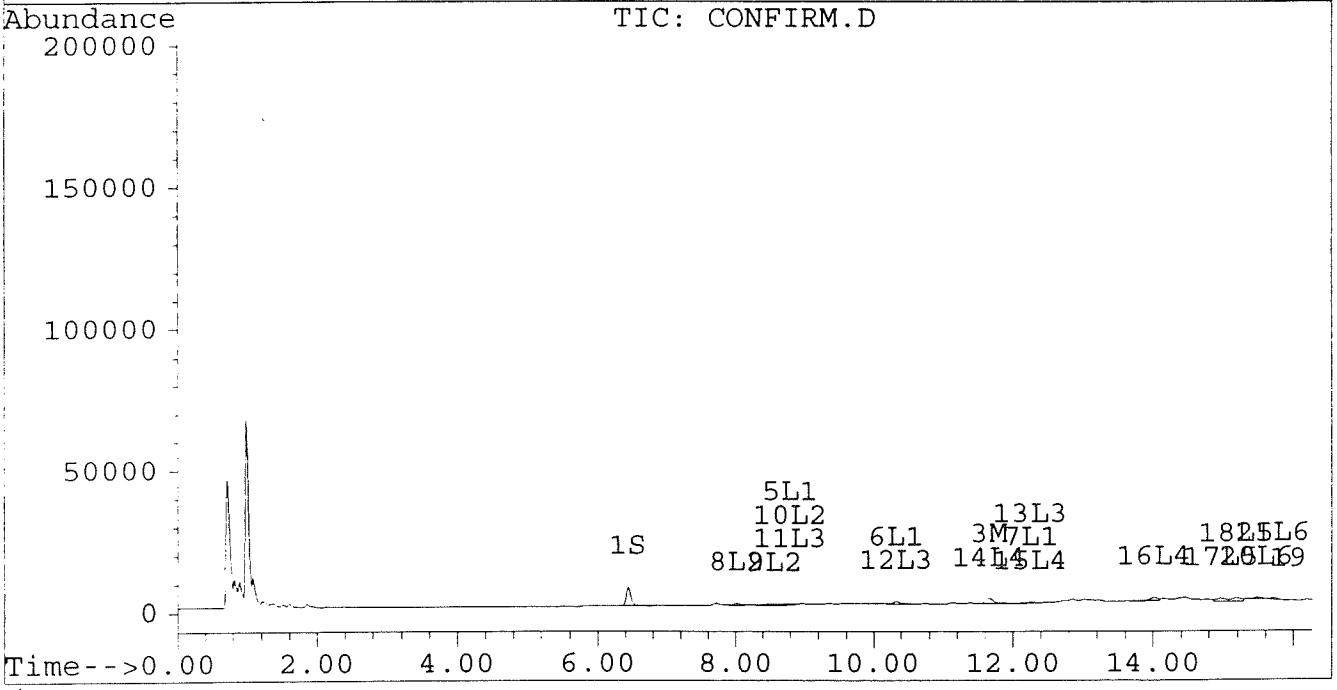
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-34.D Vial: 19
Signal #2 : D:\HPCHEM\5\JL30\C680-34.D\CONFIRM.D
Acq On : 31 Jul 96 01:22 AM Operator: JS
Sample : VHB/PM10:O12 Inst : ECD1
Misc : 30.2G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



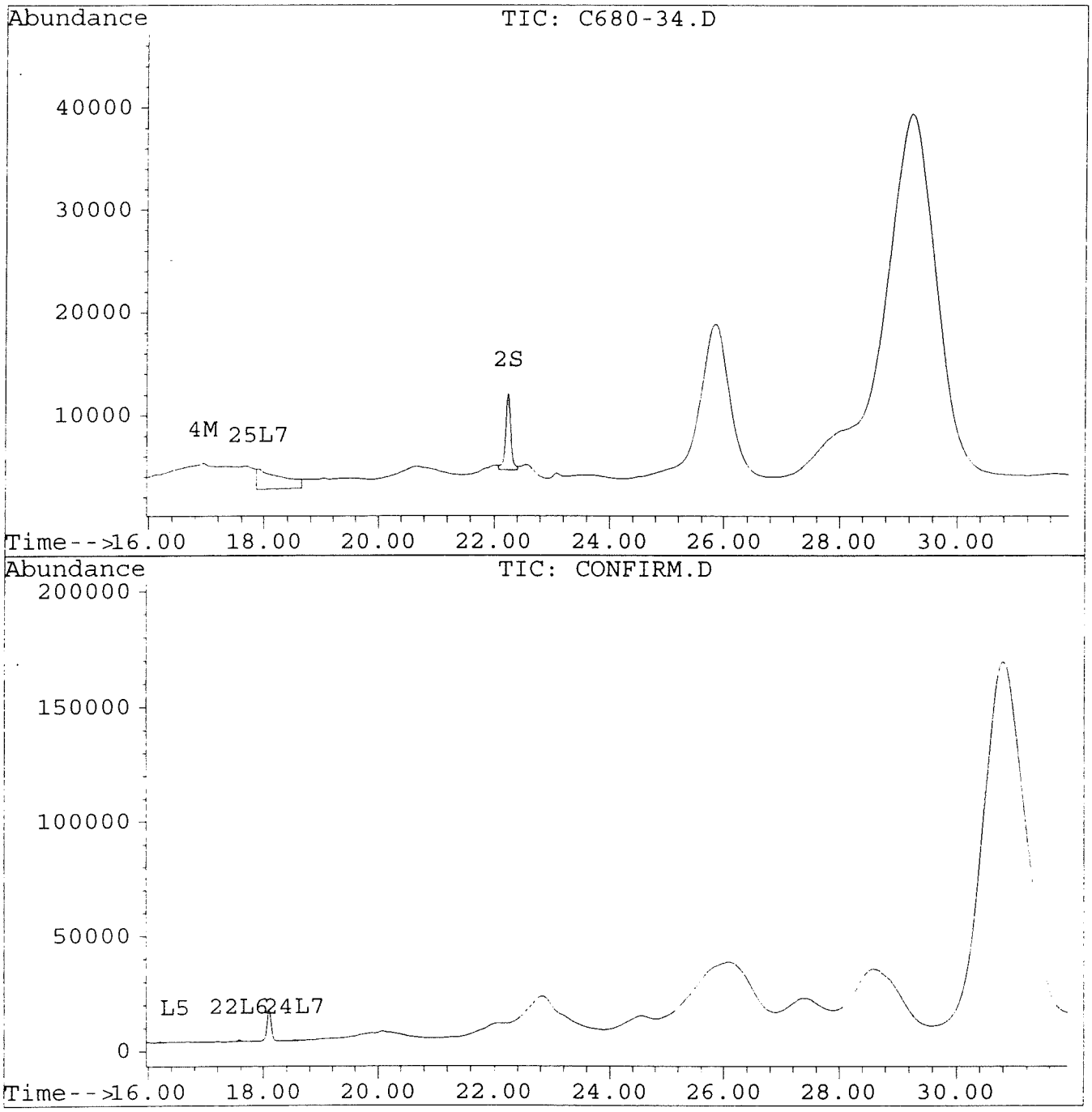


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-34.D Vial: 19
Signal #2 : D:\HPCHEM\5\JL30\C680-34.D\CONFIRM.D
Acq On : 31 Jul 96 01:22 AM Operator: JS
Sample : VHB/PM10:O12 Inst : ECD1
Misc : 30.2G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 16:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\C680-35.D Vial: 20
Signal #2 : D:\HPCHEM\5\JL30\C680-35.D\CONFIRM.D
Acq On : 31 Jul 96 01:57 AM Operator: JS
Sample : VHB/DM10:O12 Inst : ECD1
Misc : 30.5G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	8603	6408	0.039	0.037
				Recovery	=	97.50%	92.50%
2) S	Decachlorobiphenyl	22.23	0.00	6832	0	0.035m	N.D. #
				Recovery	=	87.50%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.67	3220	2038	0.029	0.022 #
4) M	2,2',3,3',4,4'-Hexa	16.94	21.57	449	2043	0.003	0.015 #
5) L1	Aroclor-1016	6.80	8.80	1183	159	0.039	0.013 #
6) L1	Aroclor-1016 {2}	8.94	10.33	1026	986	0.066	0.039 #
7) L1	Aroclor-1016 {3}	9.32	12.26	2222	387	0.092	0.024 #
Total	Aroclor-1016			4431	1533	0.197	0.076
Average	Aroclor-1016					0.066	0.025
8) L2	Aroclor-1221	0.00	8.02	0	825	N.D.	0.135 #
9) L2	Aroclor-1221 {2}	0.00	8.57	0	181	N.D.	0.037 #
10) L2	Aroclor-1221 {3}	5.67	8.80	468	159	0.023	0.010 #
Total	Aroclor-1221			468	1165	0.023	0.182
Average	Aroclor-1221					0.023	0.061
11) L3	Aroclor-1232	5.67	8.80	468	159	0.026	0.011 #
12) L3	Aroclor-1232 {2}	6.80	10.33	1183	986	0.087	0.082
13) L3	Aroclor-1232 {3}	8.61	12.26	821	387	0.099	0.056 #
Total	Aroclor-1232			2472	1533	0.212	0.149
Average	Aroclor-1232					0.071	0.050
14) L4	Aroclor-1242	8.22	11.67	2935	2038	0.072m	0.071
15) L4	Aroclor-1242 {2}	8.93	12.26	710	387	0.058m	0.031 #
16) L4	Aroclor-1242 {3}	10.08	14.02	1395	1074	0.086m	0.088m
Total	Aroclor-1242			5040	3500	0.216	0.189
Average	Aroclor-1242					0.072	0.063
17) L5	Aroclor-1248	9.32	14.97	2222	1263	0.072	0.058
18) L5	Aroclor-1248 {2}	10.08	15.19	1915	1472	0.074	0.065
19) L5	Aroclor-1248 {3}	11.38	16.19	1645	1507	0.048	0.086 #
Total	Aroclor-1248			5781	4243	0.194	0.208
Average	Aroclor-1248					0.065	0.069

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-35.D Vial: 20
Signal #2 : D:\HPCHEM\5\JL30\C680-35.D\CONFIRM.D
Acq On : 31 Jul 96 01:57 AM Operator: JS
Sample : VHB/DM10:O12 Inst : ECD1
Misc : 30.5G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.49	992	887	0.034	0.037m
21) L6 Aroclor-1254 {2}	13.43	15.72	1297	1099	0.032	0.041m#
22) L6 Aroclor-1254 {3}	15.82	17.58	925	1114	0.030	0.030m
Total Aroclor-1254			3214	3100	0.096	0.108
Average Aroclor-1254					ND 0.032	0.036
23) L7 Aroclor-1260	13.92	0.00	674	0	0.021	N.D. #
24) L7 Aroclor-1260 {2}	14.71	18.54	606	1395	0.016	0.043 #
25) L7 Aroclor-1260 {3}	17.92	21.94	344	1052	0.007	0.022 #
Total Aroclor-1260			1625	2446	0.044	0.065
Average Aroclor-1260					0.015	0.032
26) L8 Aroclor-1268	18.86	0.00	181	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	298	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	1281	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$$\frac{0.130 \times 10}{0.0305 \times .89 \times .666} = 71.9$$

(72)

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

246

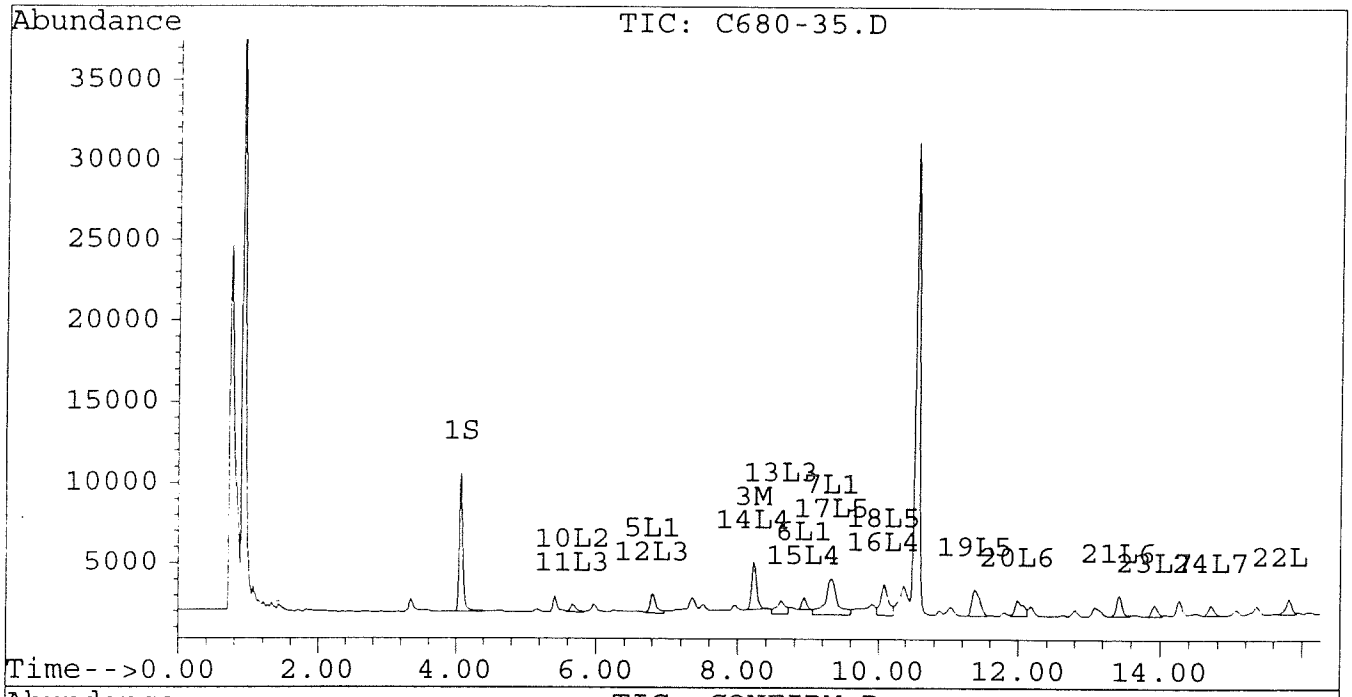
Quantitation Report

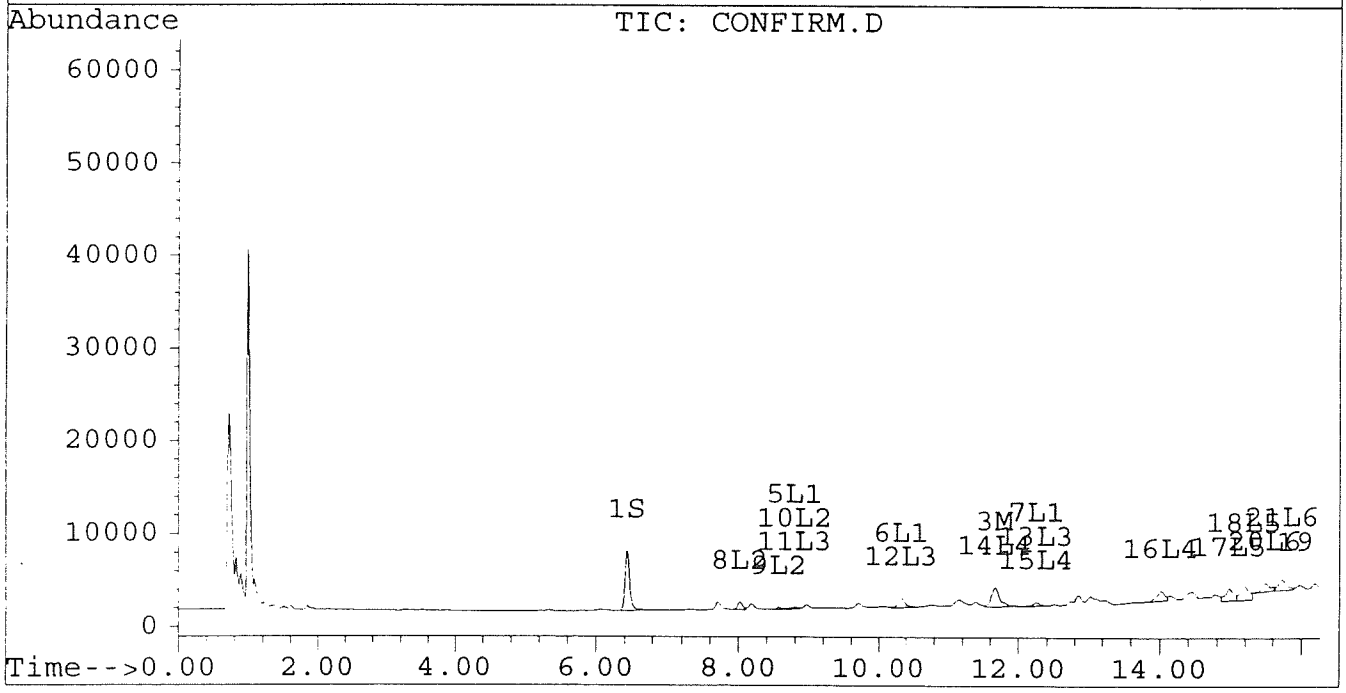
Signal #1 : D:\HPCHEM\5\JL30\C680-35.D
Signal #2 : D:\HPCHEM\5\JL30\C680-35.D\CONFIRM.D
Acq On : 31 Jul 96 01:57 AM
Sample : VHB/DM10:012
Misc : 30.5G/10ML 89% SOLID PCB ANALYSIS
Quant Time: Aug 1 17:01 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



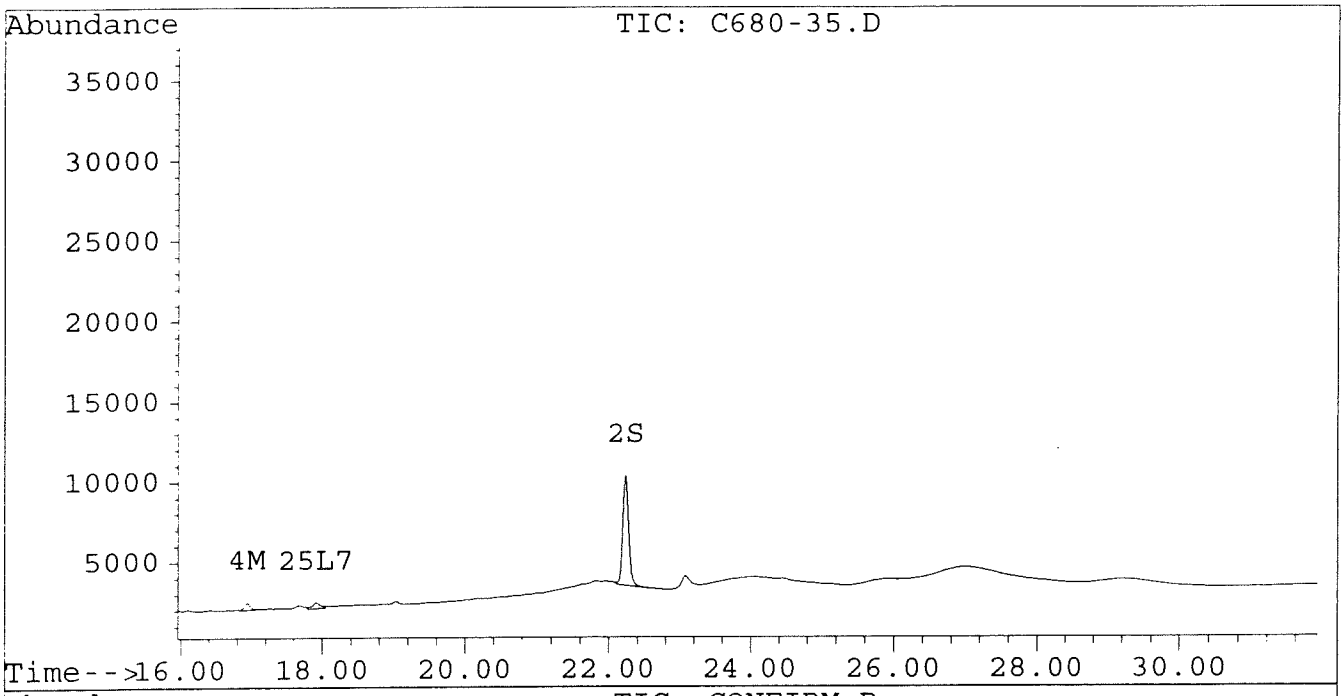


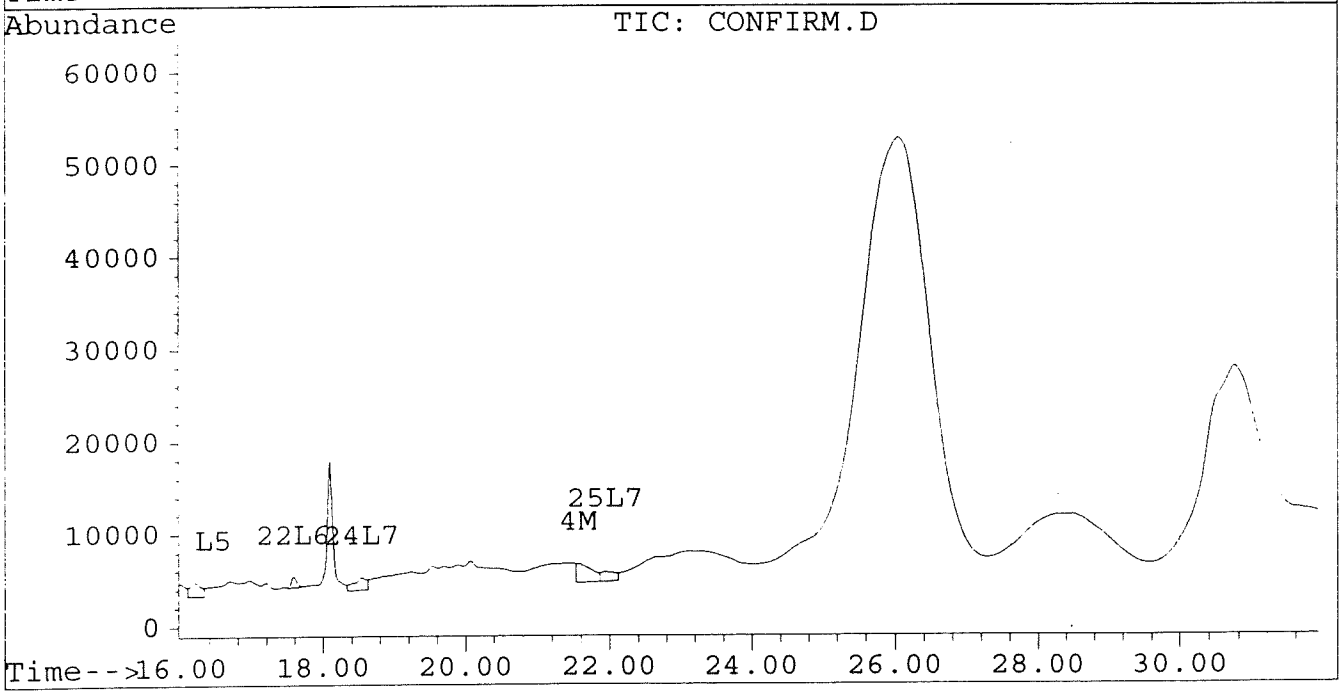
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-35.D Vial: 20
Signal #2 : D:\HPCHEM\5\JL30\C680-35.D\CONFIRM.D
Acq On : 31 Jul 96 01:57 AM Operator: JS
Sample : VHB/DM10:O12 Inst : ECD1
Misc : 30.5G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\C680-36.D Vial: 21
Signal #2 : D:\HPCHEM\5\JL30\C680-36.D\CONFIRM.D
Acq On : 31 Jul 96 02:33 AM Operator: JS
Sample : VHB/RM10:O12 Inst : ECD1
Misc : 30.1G/10ML 86% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	8786	6737	0.039m	0.039
				Recovery	=	97.50%	97.50%
2) S	Decachlorobiphenyl	22.24	30.45	7295	2997	0.037m	0.035m
				Recovery	=	92.50%	87.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.67	2827	1461	0.025	0.015 #
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	268	741	0.001	0.005 #
5) L1	Aroclor-1016	6.81	8.81	1238	108	0.041	0.009 #
6) L1	Aroclor-1016 {2}	8.94	10.33	1336	631	0.085	0.025 #
7) L1	Aroclor-1016 {3}	9.32	12.26	2259	350	0.094	0.022 #
Total	Aroclor-1016			4833	1088	0.221	0.056
Average	Aroclor-1016					0.074	0.019
8) L2	Aroclor-1221	5.06	8.02	306	754	0.044	0.123 #
9) L2	Aroclor-1221 {2}	0.00	8.57	0	151	N.D.	0.031 #
10) L2	Aroclor-1221 {3}	5.67	8.81	665	108	0.033	0.007 #
Total	Aroclor-1221			972	1012	0.077	0.161
Average	Aroclor-1221					0.038	0.054
11) L3	Aroclor-1232	5.67	8.81	665	108	0.036	0.008 #
12) L3	Aroclor-1232 {2}	6.81	10.33	1238	631	0.091	0.053 #
13) L3	Aroclor-1232 {3}	8.61	12.26	1149	350	0.139	0.050 #
Total	Aroclor-1232			3052	1088	0.266	0.110
Average	Aroclor-1232					0.089	0.037
14) L4	Aroclor-1242	8.22	11.67	2063	1346	0.051m	0.047m
15) L4	Aroclor-1242 {2}	8.94	12.26	481	272	0.039m	0.022m#
16) L4	Aroclor-1242 {3}	10.08	14.02	1047	801	0.065m	0.066m
Total	Aroclor-1242			3591	2419	0.155	0.134
Average	Aroclor-1242					0.052	0.045
17) L5	Aroclor-1248	9.32	14.97	2259	1064	0.073	0.049 #
18) L5	Aroclor-1248 {2}	10.08	15.19	2335	1175	0.090	0.052 #
19) L5	Aroclor-1248 {3}	11.38	16.20	1202	1388	0.035	0.079 #
Total	Aroclor-1248			5796	3626	0.198	0.179
Average	Aroclor-1248					0.066	0.060

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-36.D Vial: 21
Signal #2 : D:\HPCHEM\5\JL30\C680-36.D\CONFIRM.D
Acq On : 31 Jul 96 02:33 AM Operator: JS
Sample : VHB/RM10:O12 Inst : ECD1
Misc : 30.1G/10ML 86% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	699	523	0.024m	0.022m
21) L6 Aroclor-1254 {2}	13.43	15.73	906	541	0.022m	0.020m
22) L6 Aroclor-1254 {3}	15.82	17.58	659	741	0.022	0.020m
Total Aroclor-1254			2264	1805	0.068	0.062
Average Aroclor-1254					0.023	0.021
23) L7 Aroclor-1260	13.92	0.00	496	0	0.016	N.D. #
24) L7 Aroclor-1260 {2}	14.71	18.55	472	2309	0.013	0.071 #
25) L7 Aroclor-1260 {3}	17.92	0.00	186	0	0.004	N.D. #
Total Aroclor-1260			1153	2309	0.032	0.071
Average Aroclor-1260					0.011	0.071
26) L8 Aroclor-1268	18.86	0.00	68	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	164	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$$\frac{0.090 \times 10}{0.0301 \times .86 \times .666} = 52.2$$

52

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

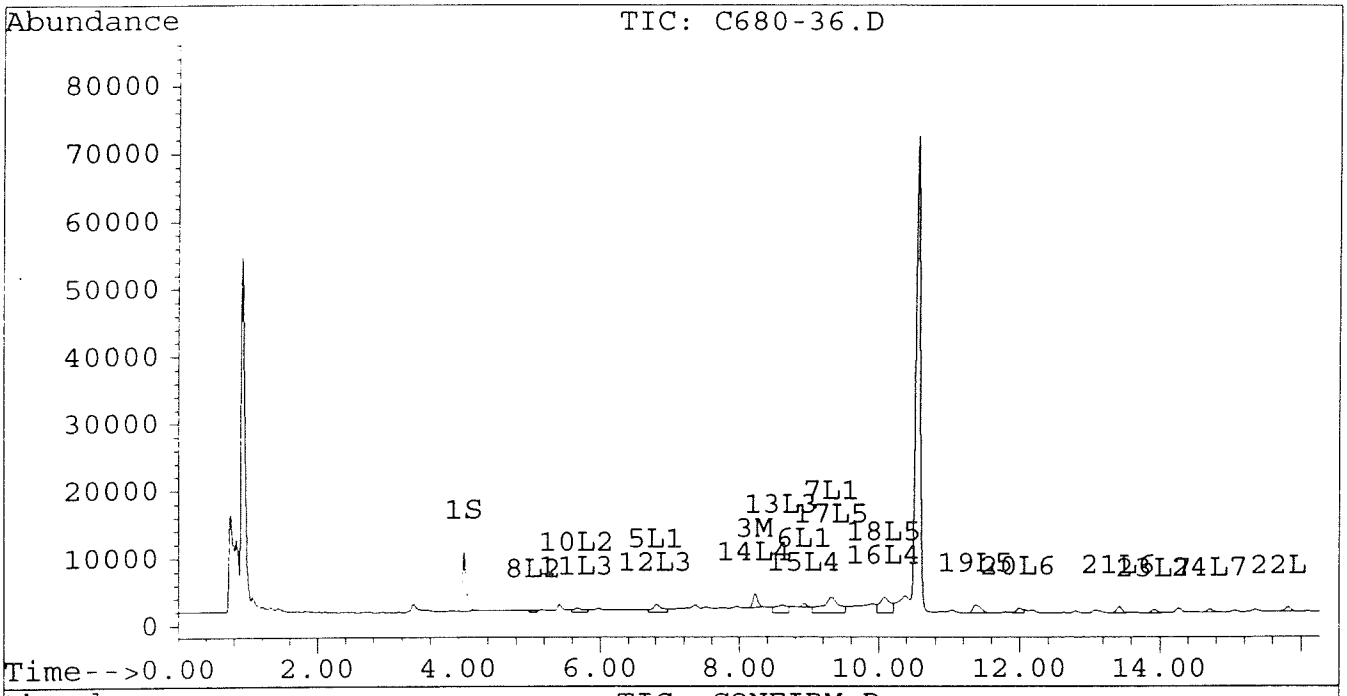
250

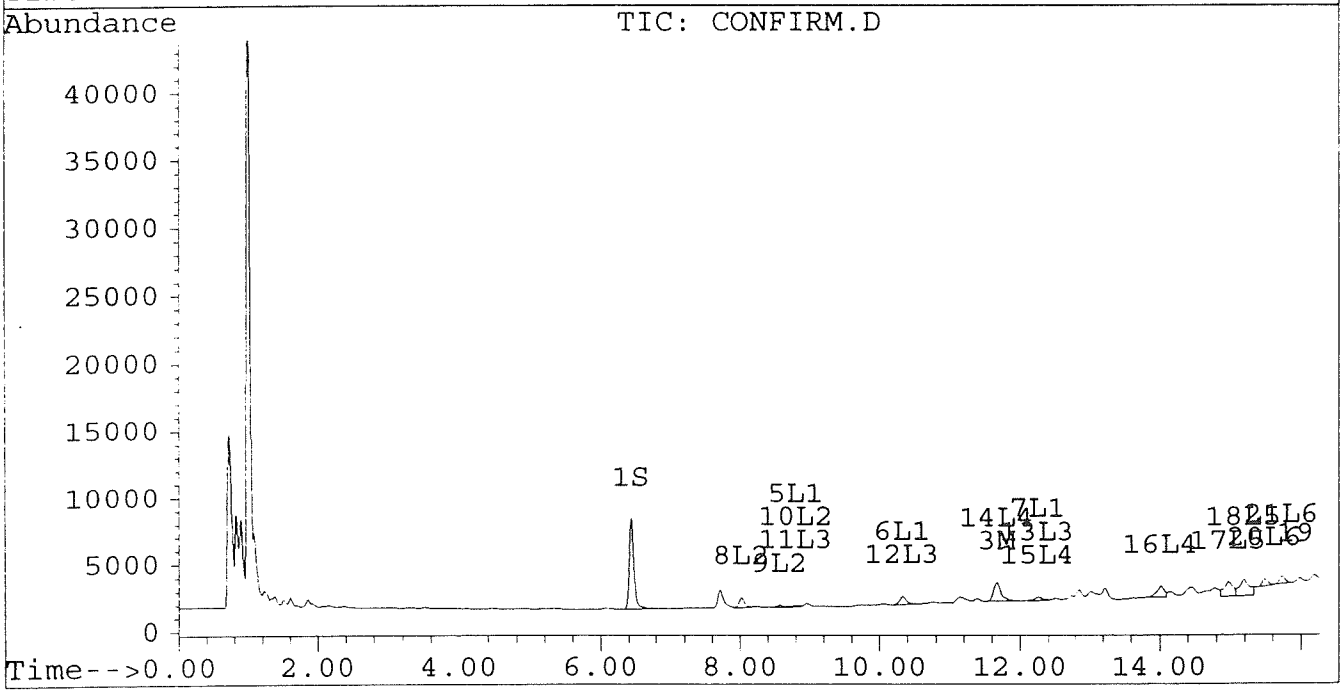
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-36.D Vial: 21
Signal #2 : D:\HPCHEM\5\JL30\C680-36.D\CONFIRM.D
Acq On : 31 Jul 96 02:33 AM Operator: JS
Sample : VHB/RM10:O12 Inst : ECD1
Misc : 30.1G/10ML 86% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



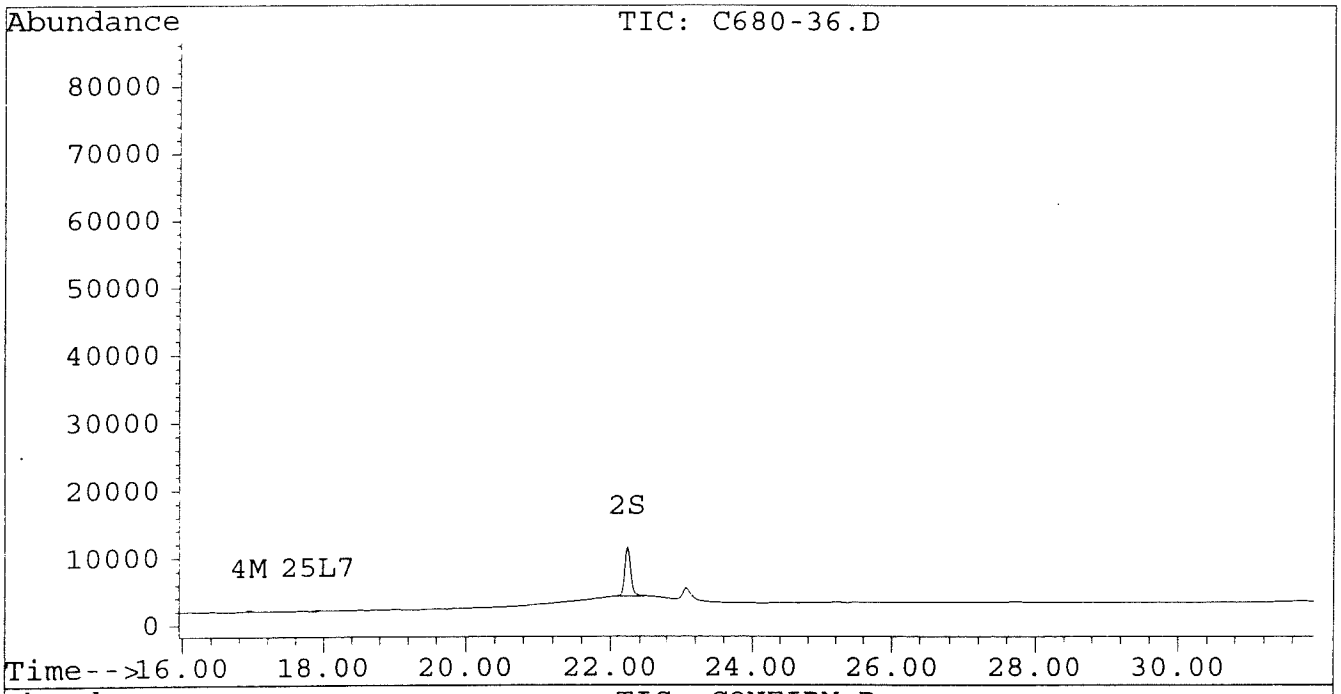


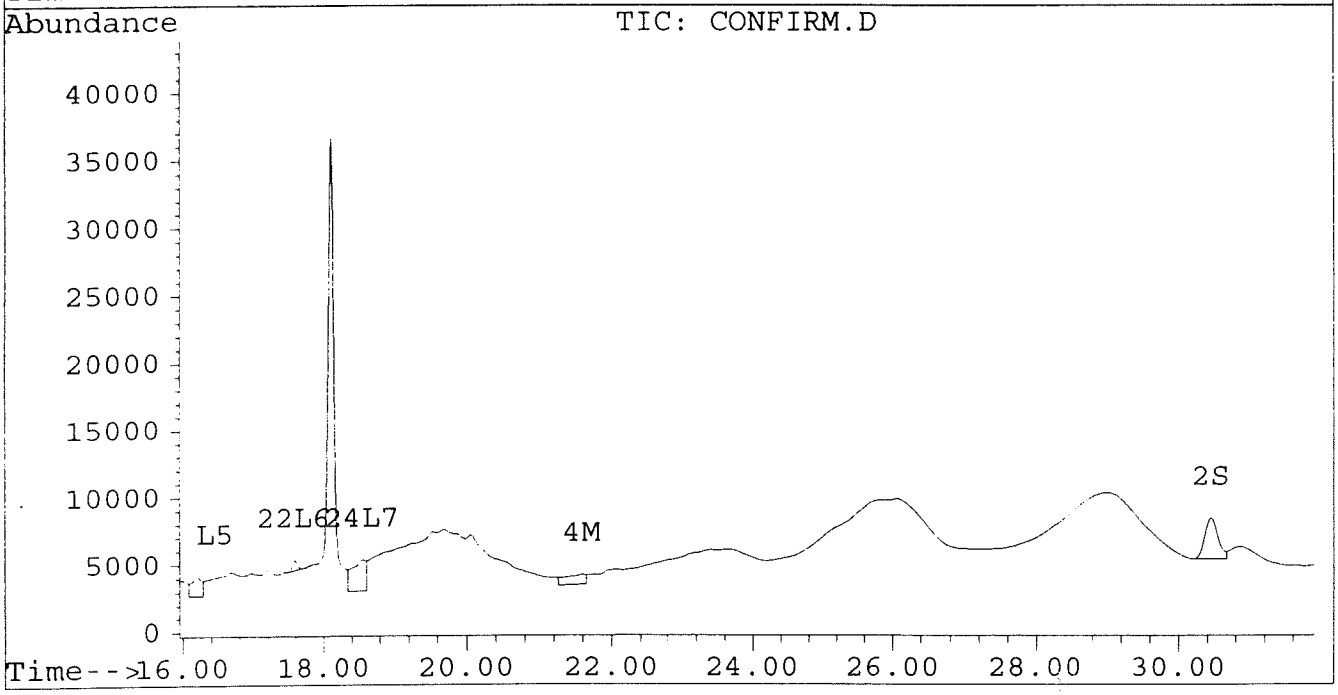
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-36.D Vial: 21
Signal #2 : D:\HPCHEM\5\JL30\C680-36.D\CONFIRM.D
Acq On : 31 Jul 96 02:33 AM Operator: JS
Sample : VHB/RM10:O12 Inst : ECD1
Misc : 30.1G/10ML 86% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\C680-37.D Vial: 22
Signal #2 : D:\HPCHEM\5\JL30\C680-37.D\CONFIRM.D
Acq On : 31 Jul 96 03:08 AM Operator: JS
Sample : VHB/PM4:O6 Inst : ECD1
Misc : 30.5G/10ML 86% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	7278	5854	0.033	0.034
				Recovery	=	82.50%	85.00%
2) S	Decachlorobiphenyl	22.24	30.46	6401	2890	0.033m	0.034m
				Recovery	=	82.50%	85.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.68	5953	3632	0.054	0.038 #
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	593	2169	0.003	0.016 #
5) L1	Aroclor-1016	6.81	0.00	1104	0	0.037	N.D. #
6) L1	Aroclor-1016 {2}	8.94	10.33	1504	901	0.096	0.036 #
7) L1	Aroclor-1016 {3}	9.33	12.24	2858	678	0.119	0.043 #
Total	Aroclor-1016			5466	1578	0.252	0.079
Average	Aroclor-1016					0.084	0.039
8) L2	Aroclor-1221	5.07	8.02	35	2041	0.005	0.334 #
9) L2	Aroclor-1221 {2}	0.00	8.57	0	1858	N.D.	0.381 #
10) L2	Aroclor-1221 {3}	5.66	0.00	2567	0	0.127	N.D. #
Total	Aroclor-1221			2602	3898	0.132	0.715
Average	Aroclor-1221					0.066	0.357
11) L3	Aroclor-1232	5.66	0.00	2567	0	0.141	N.D. #
12) L3	Aroclor-1232 {2}	6.81	10.33	1104	901	0.081	0.075
13) L3	Aroclor-1232 {3}	8.61	12.24	702	678	0.085	0.098
Total	Aroclor-1232			4373	1578	0.306	0.173
Average	Aroclor-1232					0.102	0.086
14) L4	Aroclor-1242	8.23	11.68	5953	3632	0.146	0.126
15) L4	Aroclor-1242 {2}	8.94	12.24	1504	678	0.124	0.054 #
16) L4	Aroclor-1242 {3}	10.08	14.02	2417	1699	0.149	0.139
Total	Aroclor-1242			9874	6008	0.419	0.319
Average	Aroclor-1242					0.140	0.106
17) L5	Aroclor-1248	9.33	14.97	2858	1476	0.093	0.067 #
18) L5	Aroclor-1248 {2}	10.08	15.19	2417	1662	0.093	0.073
19) L5	Aroclor-1248 {3}	11.38	16.19	2721	1349	0.080	0.077
Total	Aroclor-1248			7996	4487	0.266	0.217
Average	Aroclor-1248					0.089	0.072

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

252

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-37.D Vial: 22
Signal #2 : D:\HPCHEM\5\JL30\C680-37.D\CONFIRM.D
Acq On : 31 Jul 96 03:08 AM Operator: JS
Sample : VHB/PM4:O6 Inst : ECD1
Misc : 30.5G/10ML 86% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.49	1475	1335	0.050	0.055
21) L6	Aroclor-1254 {2}	13.43	15.73	2007	1528	0.049	0.057
22) L6	Aroclor-1254 {3}	15.82	17.58	1374	2587	0.045	0.070 #
Total	Aroclor-1254			4855	5451	0.144	0.182
Average	Aroclor-1254					0.048	0.061
23) L7	Aroclor-1260	13.92	0.00	1119	0	0.035	N.D. #
24) L7	Aroclor-1260 {2}	14.71	18.53	943	2383	0.025	0.073 #
25) L7	Aroclor-1260 {3}	17.92	21.96	465	1846	0.009	0.038 #
Total	Aroclor-1260			2527	4229	0.070	0.111
Average	Aroclor-1260					0.023	0.056
26) L8	Aroclor-1268	18.86	0.00	183	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	358	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.82	0.00	577	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR1242

$$\frac{0.270 \times 10}{0.0305 \times .86 \times .666} = 154$$ (150)

AR1254

$$\frac{0.094 \times 10}{0.0305 \times .86 \times .666} = 538$$ (54)

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

254

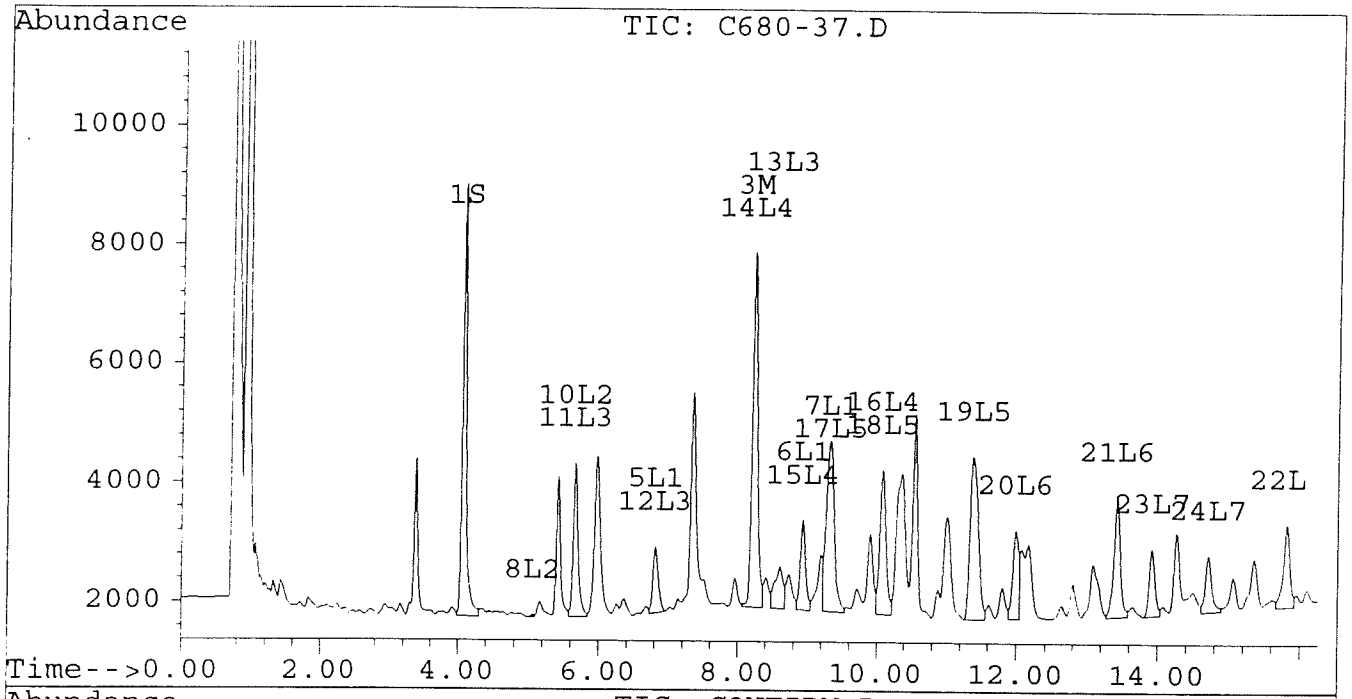
Quantitation Report

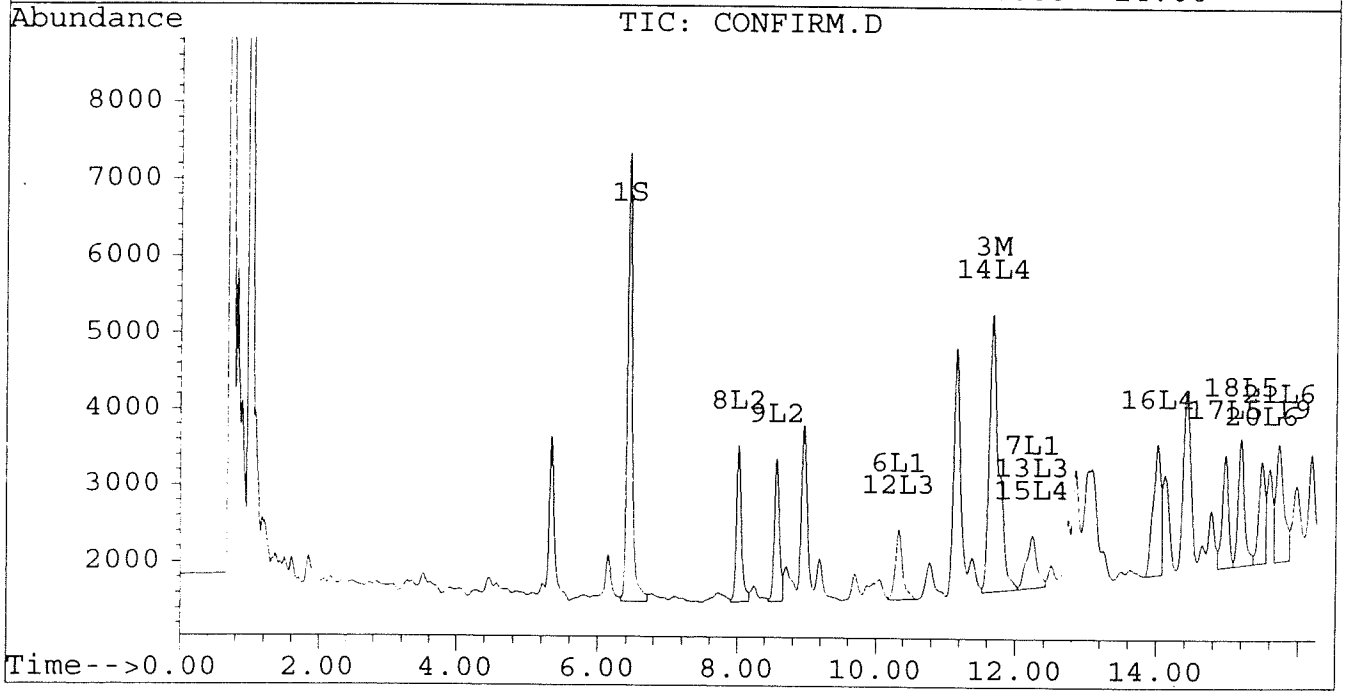
Signal #1 : D:\HPCHEM\5\JL30\C680-37.D
Signal #2 : D:\HPCHEM\5\JL30\C680-37.D\CONFIRM.D
Acq On : 31 Jul 96 03:08 AM
Sample : VHB/PM4:O6
Misc : 30.5G/10ML 86% SOLID PCB ANALYSIS
Quant Time: Aug 1 17:04 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





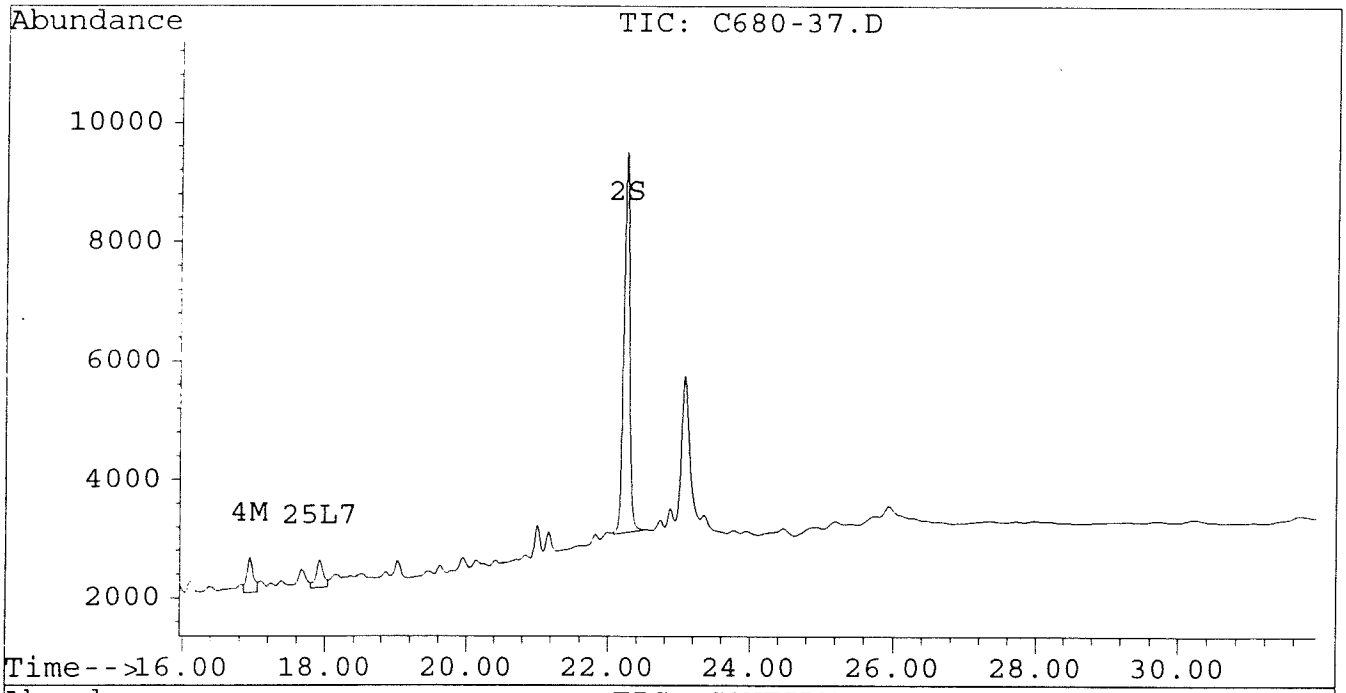
Quantitation Report

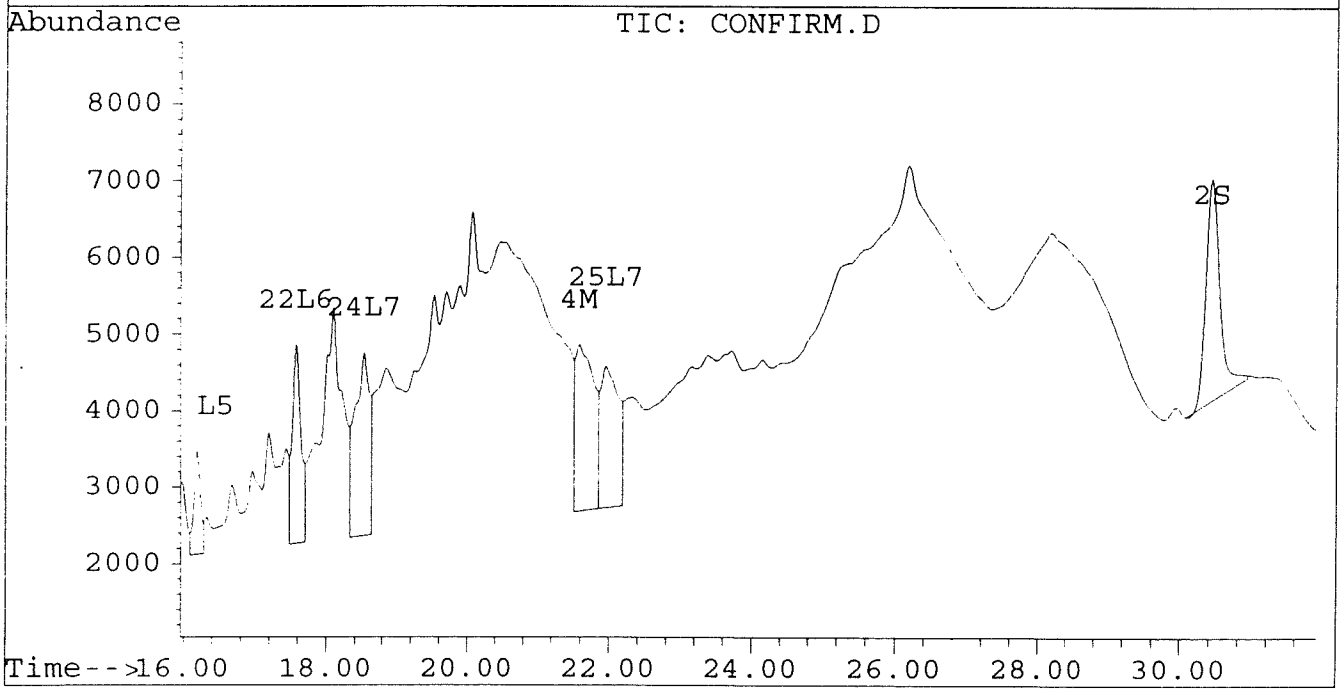
Signal #1 : D:\HPCHEM\5\JL30\C680-37.D
Signal #2 : D:\HPCHEM\5\JL30\C680-37.D\CONFIRM.D
Acq On : 31 Jul 96 03:08 AM
Sample : VHB/PM4:O6
Misc : 30.5G/10ML 86% SOLID PCB ANALYSIS
Quant Time: Aug 1 17:04 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-38.D Vial: 23
Signal #2 : D:\HPCHEM\5\JL30\C680-38.D\CONFIRM.D
Acq On : 31 Jul 96 03:44 AM Operator: JS
Sample : VHB/DM4:O6 Inst : ECD1
Misc : 30.5G/10ML 86% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.07	6.44	7748	6107	0.035	0.035
			Recovery	=	87.50%	87.50%
2) S Decachlorobiphenyl	22.24	30.45	6533	2933	0.033m	0.034m
			Recovery	=	82.50%	85.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.23	11.68	6875	3264	0.062	0.035 #
4) M 2,2',3,3',4,4'-Hexa	16.94	0.00	413	0	0.002	N.D. #
5) L1 Aroclor-1016	6.81	0.00	1103	0	0.037	N.D. #
6) L1 Aroclor-1016 (2)	8.94	10.33	1656	717	0.106	0.028 #
7) L1 Aroclor-1016 (3)	9.33	12.22f	2927	1007	0.122	0.064 #
Total Aroclor-1016			5685	1724	0.264	0.092
Average Aroclor-1016					0.088	0.046
8) L2 Aroclor-1221	5.07	8.02	96	1959	0.014	0.320 #
9) L2 Aroclor-1221 (2)	0.00	8.57	0	942	N.D.	0.193 #
10) L2 Aroclor-1221 (3)	5.67	0.00	1649	0	0.082	N.D. #
Total Aroclor-1221			1745	2900	0.095	0.513
Average Aroclor-1221					0.048	0.257
11) L3 Aroclor-1232	5.67	0.00	1649	0	0.090	N.D. #
12) L3 Aroclor-1232 (2)	6.81	10.33	1103	717	0.081	0.060
13) L3 Aroclor-1232 (3)	8.61	12.22f	924	1007	0.112	0.145
Total Aroclor-1232			3676	1724	0.283	0.205
Average Aroclor-1232					0.094	0.102
14) L4 Aroclor-1242	8.23	11.68	6452	3264	0.158m	0.113 #
15) L4 Aroclor-1242 (2)	8.94	12.22	1158	1007	0.095m	0.080
16) L4 Aroclor-1242 (3)	10.08	14.02	2245	1590	0.139m	0.130
Total Aroclor-1242			9855	5861	0.392	0.323
Average Aroclor-1242					0.131	0.108
17) L5 Aroclor-1248	9.33	14.97	2927	1257	0.095	0.057
18) L5 Aroclor-1248 (2)	10.08	15.19	2608	1391	0.100	0.061 #
19) L5 Aroclor-1248 (3)	11.38	16.19	2381	960	0.070	0.055
Total Aroclor-1248			7916	3607	0.265	0.173
Average Aroclor-1248					0.088	0.058

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-38.D Vial: 23
Signal #2 : D:\HPCHEM\5\JL30\C680-38.D\CONFIRM.D
Acq On : 31 Jul 96 03:44 AM Operator: JS
Sample : VHB/DM4:O6 Inst : ECD1
Misc : 30.5G/10ML 86% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.49	1259	1070	0.043	0.044
21) L6	Aroclor-1254 {2}	13.42	15.72	1792	1196	0.044	0.045
22) L6	Aroclor-1254 {3}	15.82	17.58	1060	1561	0.035	0.042
Total	Aroclor-1254			4111	3828	0.121	0.131
Average	Aroclor-1254					0.040	0.044
23) L7	Aroclor-1260	13.92	0.00	936	0	0.030	N.D. #
24) L7	Aroclor-1260 {2}	14.71	18.53	712	660	0.019	0.020
25) L7	Aroclor-1260 {3}	17.92	0.00	298	0	0.006	N.D. #
Total	Aroclor-1260			1946	660	0.055	0.020
Average	Aroclor-1260					0.018	0.020
26) L8	Aroclor-1268	18.85	0.00	90	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	222	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.82	0.00	539	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR1242

~~0.158~~

$\frac{0.253 \times 10}{0.0305 \times .86 \times .666} = 144$ → 140

AR1254

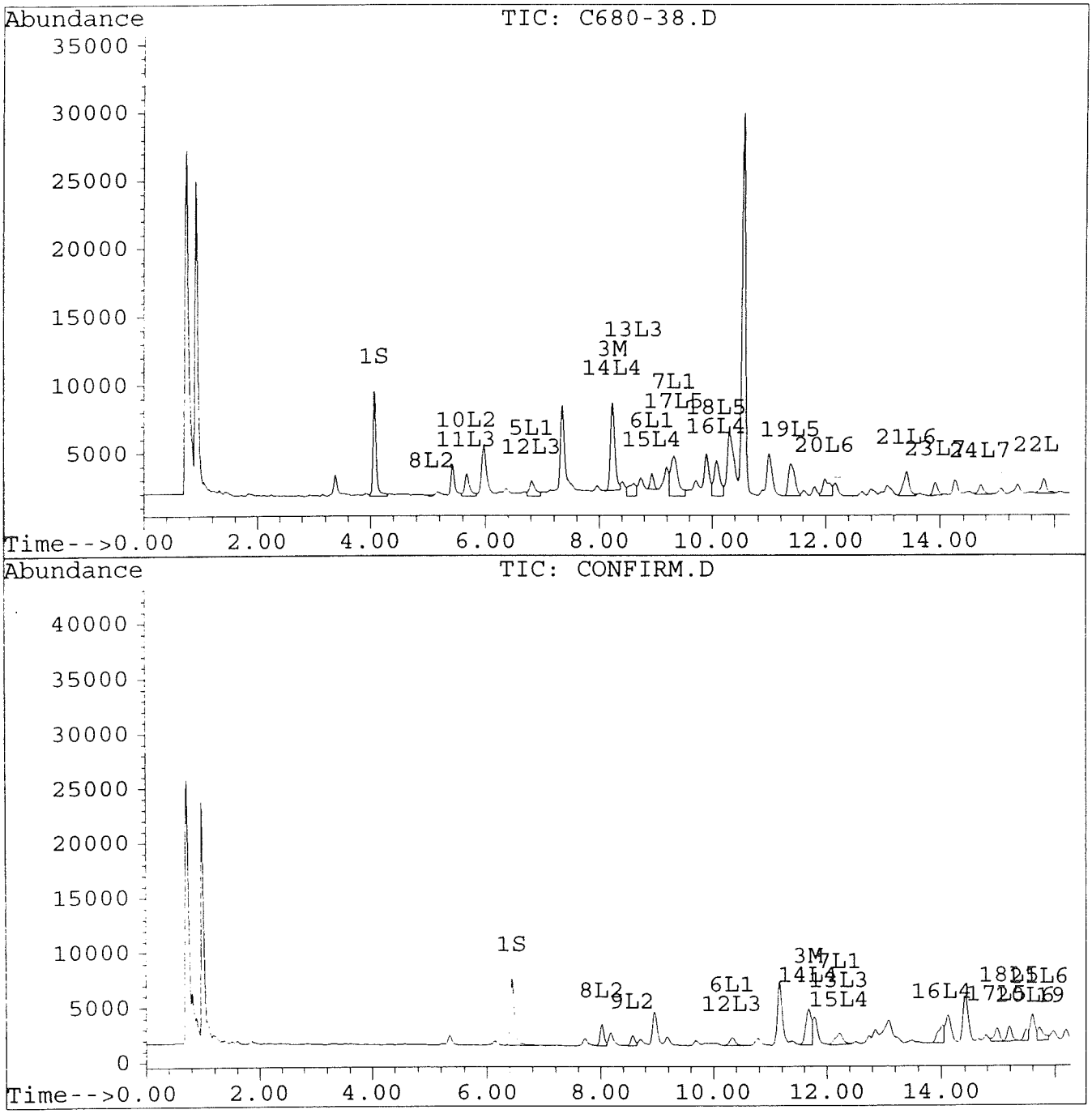
$\frac{0.079 \times 10}{0.0305 \times .86 \times .666} = 45$

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-38.D Vial: 23
Signal #2 : D:\HPCHEM\5\JL30\C680-38.D\CONFIRM.D
Acq On : 31 Jul 96 03:44 AM Operator: JS
Sample : VHB/DM4:O6 Inst : ECD1
Misc : 30.5G/10ML 86% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\C680-38.D
Signal #2 : D:\HPCHEM\5\JL30\C680-38.D\CONFIRM.D
Acq On : 31 Jul 96 03:44 AM
Sample : VHB/DM4:O6
Misc : 30.5G/10ML 86% SOLID PCB ANALYSIS
Quant Time: Aug 1 17:11 1996

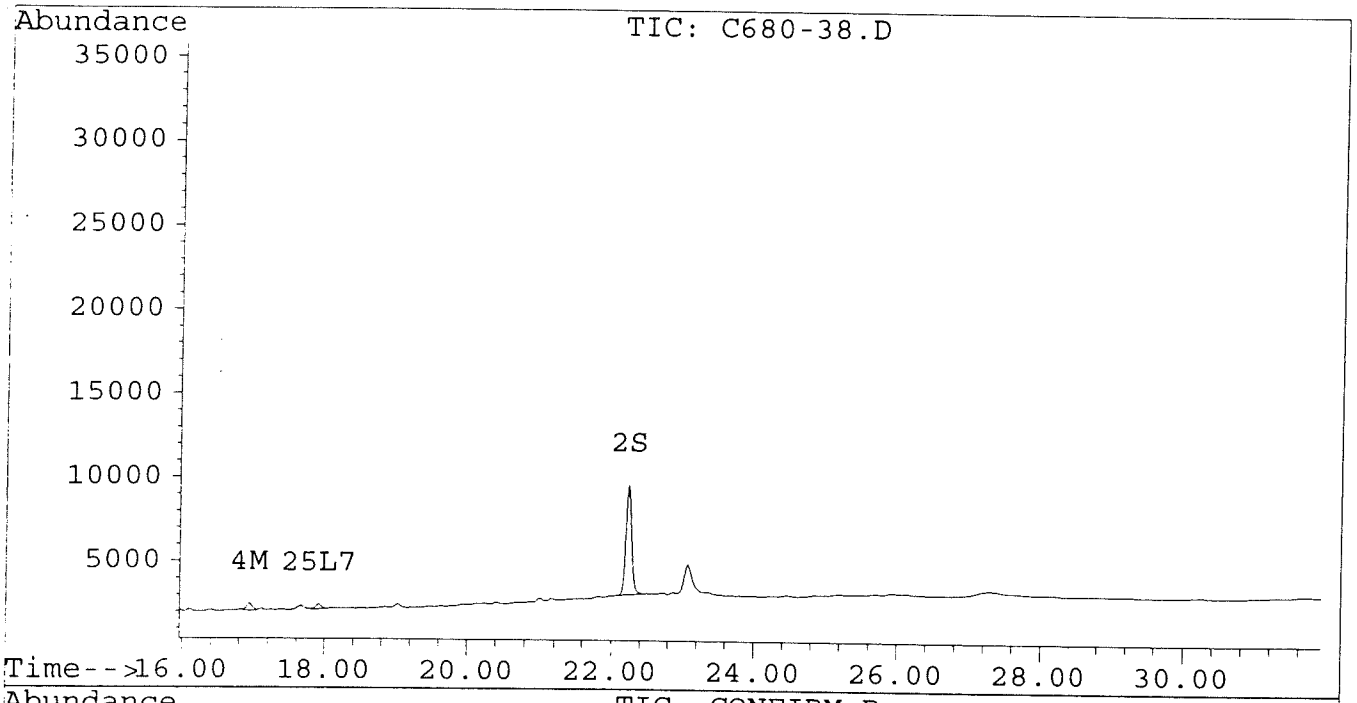
Vial: 23

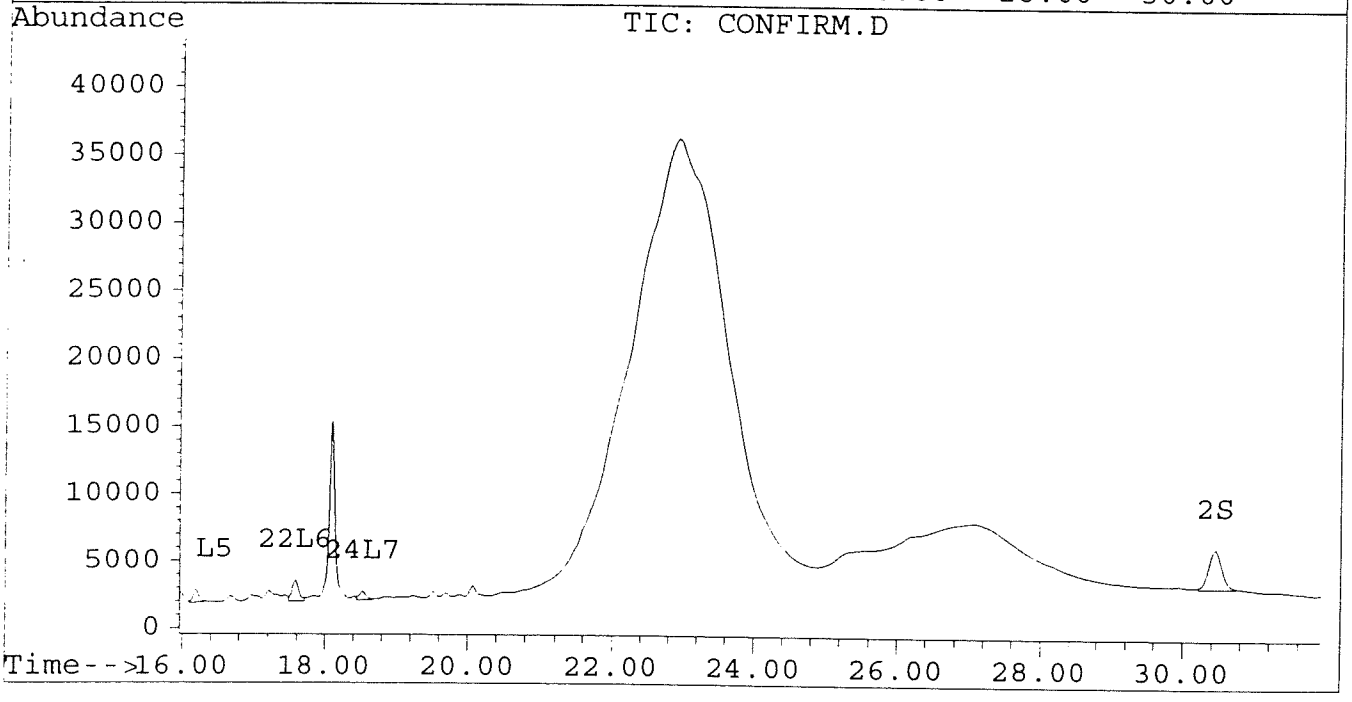
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-39.D Vial: 25
Signal #2 : D:\HPCHEM\5\JL30\C680-39.D\CONFIRM.D
Acq On : 31 Jul 96 06:06 AM Operator: JS
Sample : VHB/RM4:O6 Inst : ECD1
Misc : 30.4G/10ML 83% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.07	6.44	8294	6473	0.037m	0.037
					Recovery	=	92.50%	92.50%
2)	S	Decachlorobiphenyl	22.23	30.45	7068	3249	0.036m	0.038
					Recovery	=	90.00%	95.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.68	3097	1867	0.028	0.020 #
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.60	388	522	0.002	0.004 #
5)	L1	Aroclor-1016	6.81	0.00	770	0	0.026	N.D. #
6)	L1	Aroclor-1016 {2}	8.94	10.33	1130	482	0.072	0.019 #
7)	L1	Aroclor-1016 {3}	9.32	12.25	2020	315	0.084	0.020 #
		Total Aroclor-1016			3919	797	0.182	0.039
		Average Aroclor-1016					0.061	0.019
8)	L2	Aroclor-1221	0.00	8.02	0	1862	N.D.	0.305 #
9)	L2	Aroclor-1221 {2}	0.00	8.57	0	1291	N.D.	0.265 #
10)	L2	Aroclor-1221 {3}	5.66	0.00	1789	0	0.089	N.D. #
		Total Aroclor-1221			1789	3153	0.089	0.569
		Average Aroclor-1221					0.089	0.285
11)	L3	Aroclor-1232	5.66	0.00	1789	0	0.098	N.D. #
12)	L3	Aroclor-1232 {2}	6.81	10.33	770	482	0.056	0.040 #
13)	L3	Aroclor-1232 {3}	8.61	12.25	714	315	0.086	0.045 #
		Total Aroclor-1232			3272	797	0.241	0.085
		Average Aroclor-1232					0.080	0.043
14)	L4	Aroclor-1242	8.22	11.68	2800	1867	0.069m	0.065
15)	L4	Aroclor-1242 {2}	8.94	12.25	726	315	0.060m	0.025 #
16)	L4	Aroclor-1242 {3}	10.08	14.02	1472	1041	0.091m	0.085
		Total Aroclor-1242			4998	3223	0.219	0.175
		Average Aroclor-1242					0.073	0.058
17)	L5	Aroclor-1248	9.32	14.97	2020	887	0.065	0.040 #
18)	L5	Aroclor-1248 {2}	10.08	15.19	1961	988	0.075	0.043 #
19)	L5	Aroclor-1248 {3}	11.38	16.20	1569	764	0.046	0.043
		Total Aroclor-1248			5550	2639	0.187	0.127
		Average Aroclor-1248					0.062	0.042

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-39.D Vial: 25
Signal #2 : D:\HPCHEM\5\JL30\C680-39.D\CONFIRM.D
Acq On : 31 Jul 96 06:06 AM Operator: JS
Sample : VHB/RM4:O6 Inst : ECD1
Misc : 30.4G/10ML 83% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.49	927	866	0.032	0.036
21) L6	Aroclor-1254 {2}	13.43	15.73	1240	944	0.030	0.035
22) L6	Aroclor-1254 {3}	15.82	17.58	865	1271	0.028	0.034
Total	Aroclor-1254			3031	3081	np 0.090	0.105
Average	Aroclor-1254					0.030	0.035
23) L7	Aroclor-1260	13.92	0.00	741	0	0.023	N.D. #
24) L7	Aroclor-1260 {2}	14.71	18.53	677	595	0.018	0.018
25) L7	Aroclor-1260 {3}	17.92	21.96	253	612	0.005	0.013 #
Total	Aroclor-1260			1671	1207	0.047	0.031
Average	Aroclor-1260					0.016	0.015
26) L8	Aroclor-1268	18.86	0.00	80	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	201	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.82	0.00	291	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR1242

$$\frac{0.129 \times 10}{0.0304 \times .83} \times .666 = 76.7$$

76

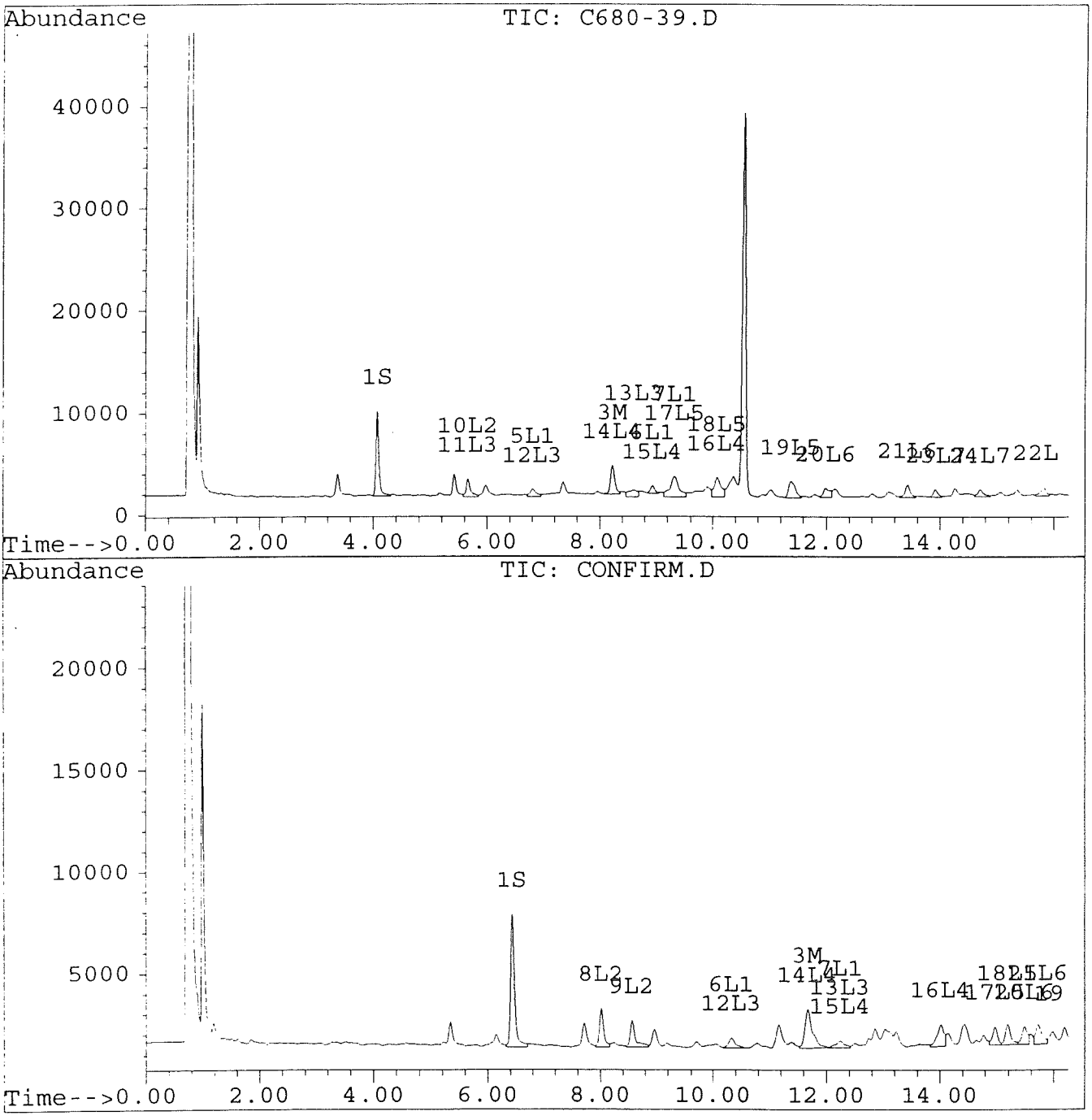
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-39.D Vial: 25
Signal #2 : D:\HPCHEM\5\JL30\C680-39.D\CONFIRM.D
Acq On : 31 Jul 96 06:06 AM Operator: JS
Sample : VHB/RM4:O6 Inst : ECD1
Misc : 30.4G/10ML 83% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

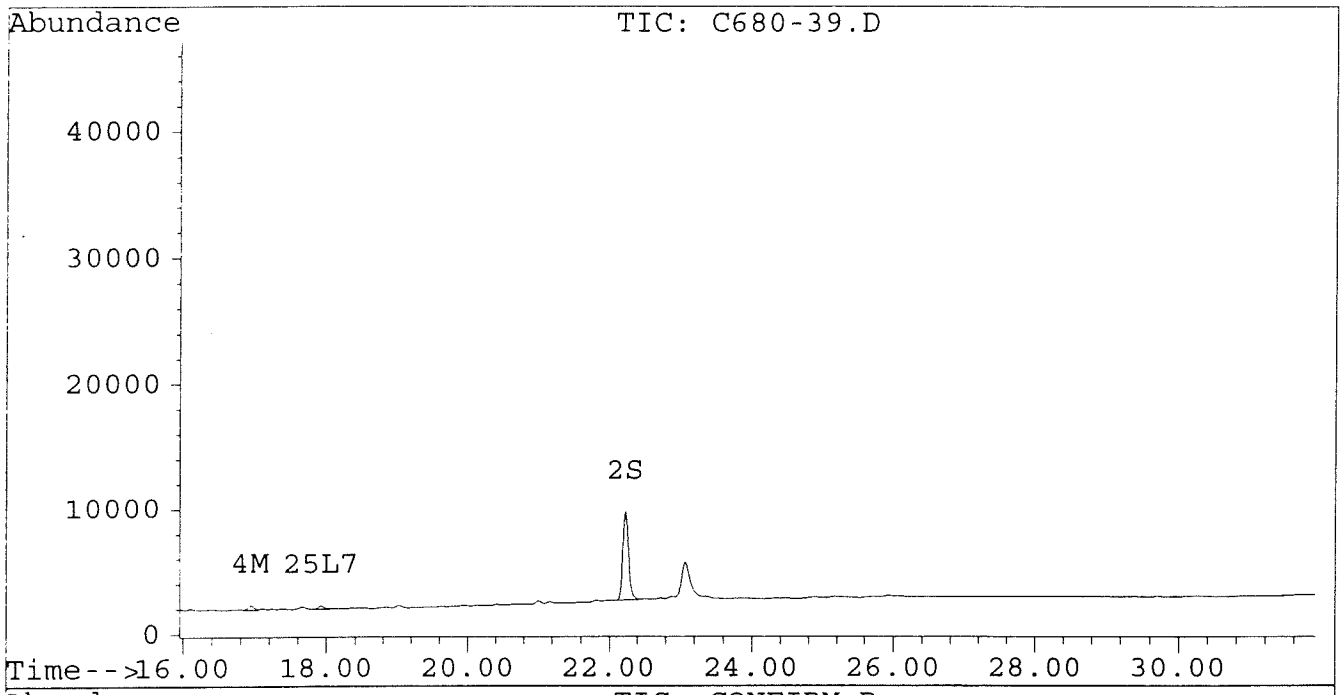


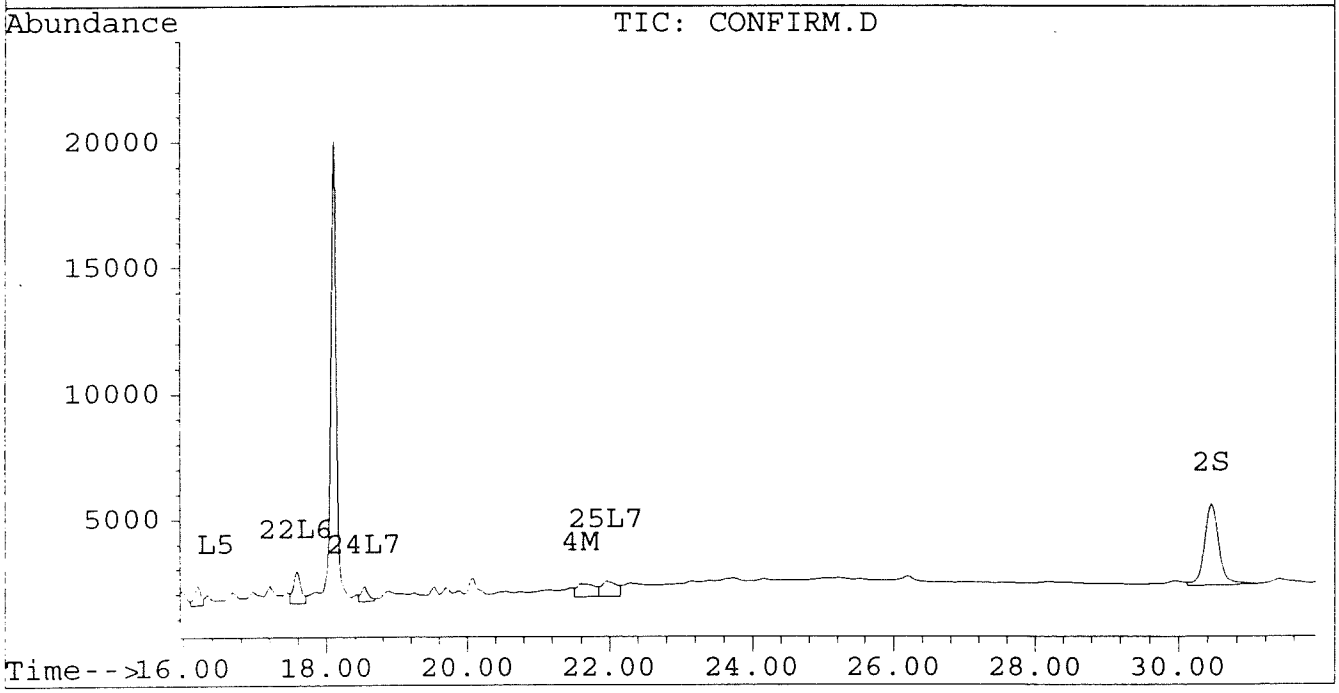
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-39.D Vial: 25
Signal #2 : D:\HPCHEM\5\JL30\C680-39.D\CONFIRM.D
Acq On : 31 Jul 96 06:06 AM Operator: JS
Sample : VHB/RM4:O6 Inst : ECD1
Misc : 30.4G/10ML 83% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL29A\C680-40.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL29A\C680-40.D\CONFIRM.D
Acq On : 30 Jul 96 00:11 AM KOS Operator: JS
Sample : VHB/ DEQAQC M10:012 Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	3969	3210	0.018	0.019
				Recovery	=	45.00%	47.50%
2) S	Decachlorobiphenyl	22.23	30.45	1748	764	0.009m	0.009
				Recovery	=	22.50%	22.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M	2,2',3,3',4,4'-Hexa	16.94	0.00	2550	0	0.014	N.D. #
5) L1	Aroclor-1016	6.82	0.00	18	0	0.001	N.D. #
6) L1	Aroclor-1016 {2}	8.95	0.00	24	0	0.002	N.D. #
7) L1	Aroclor-1016 {3}	9.35	0.00	87	0	0.004	N.D. #
	Total Aroclor-1016			128	0	0.006	N.D.
	Average Aroclor-1016					0.002	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.72f	0.00	31	0	0.002	N.D. #
	Total Aroclor-1221			31	0	0.002	N.D.
	Average Aroclor-1221					0.002	0.000
11) L3	Aroclor-1232	5.72f	0.00	31	0	0.002	N.D. #
12) L3	Aroclor-1232 {2}	6.82	0.00	18	0	0.001	N.D. #
13) L3	Aroclor-1232 {3}	8.57f	0.00	81	0	0.010	N.D. #
	Total Aroclor-1232			130	0	0.013	N.D.
	Average Aroclor-1232					0.004	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4	Aroclor-1242 {2}	8.95	0.00	24	0	0.002	N.D. #
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1242			24	0	0.002	N.D.
	Average Aroclor-1242					0.002	0.000
17) L5	Aroclor-1248	9.35	0.00	87	0	0.003	N.D. #
18) L5	Aroclor-1248 {2}	0.00	15.20	0	71	N.D.	0.003 #
19) L5	Aroclor-1248 {3}	11.42	0.00	104	0	0.003	N.D. #
	Total Aroclor-1248			191	71	0.006	0.003
	Average Aroclor-1248					0.003	0.003

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

285

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-40.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL29A\C680-40.D\CONFIRM.D
Acq On : 30 Jul 96 00:11 AM Operator: JS
Sample : VHB/ DEQAQC M10:012 [405] Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

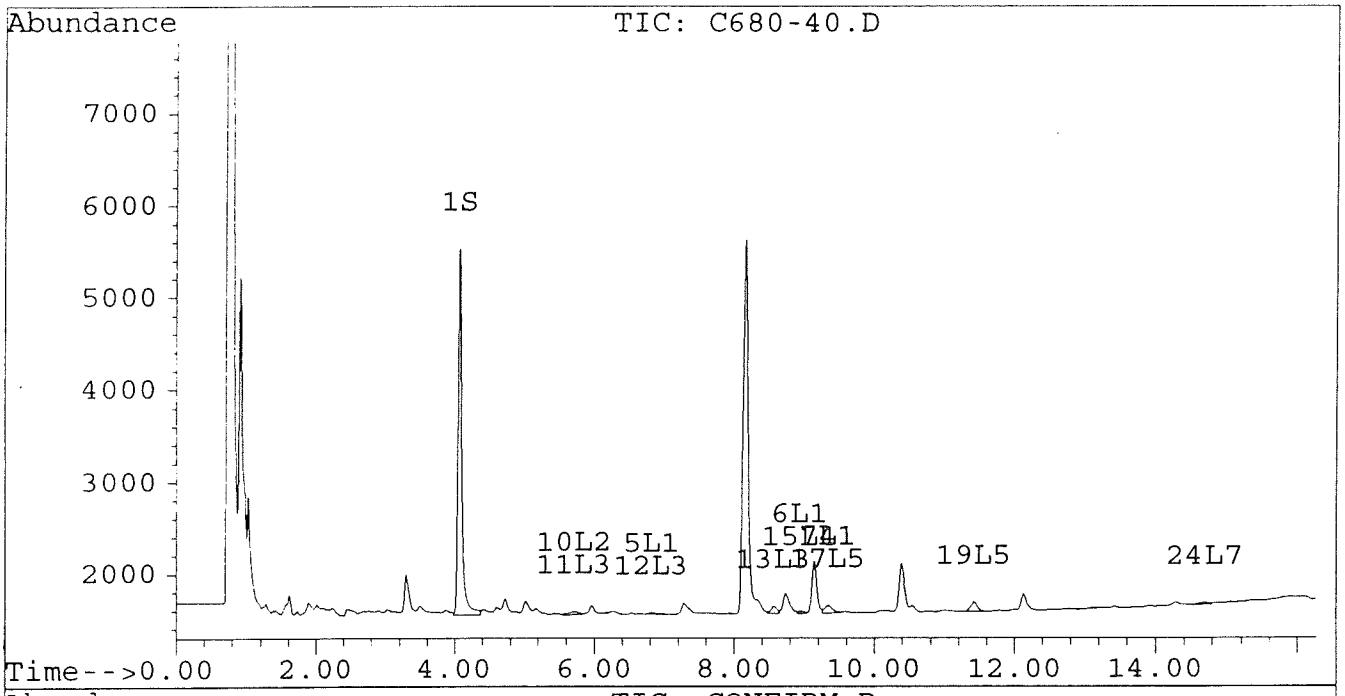
Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	17.58	0	25	N.D.	0.001 #
Total Aroclor-1254			0	25	N.D.	0.001
Average Aroclor-1254					0.000	0.001
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	14.70	0.00	20	0	0.001	N.D. #
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			20	0	0.001	N.D.
Average Aroclor-1260					0.001	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	21.84	0.00	258	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

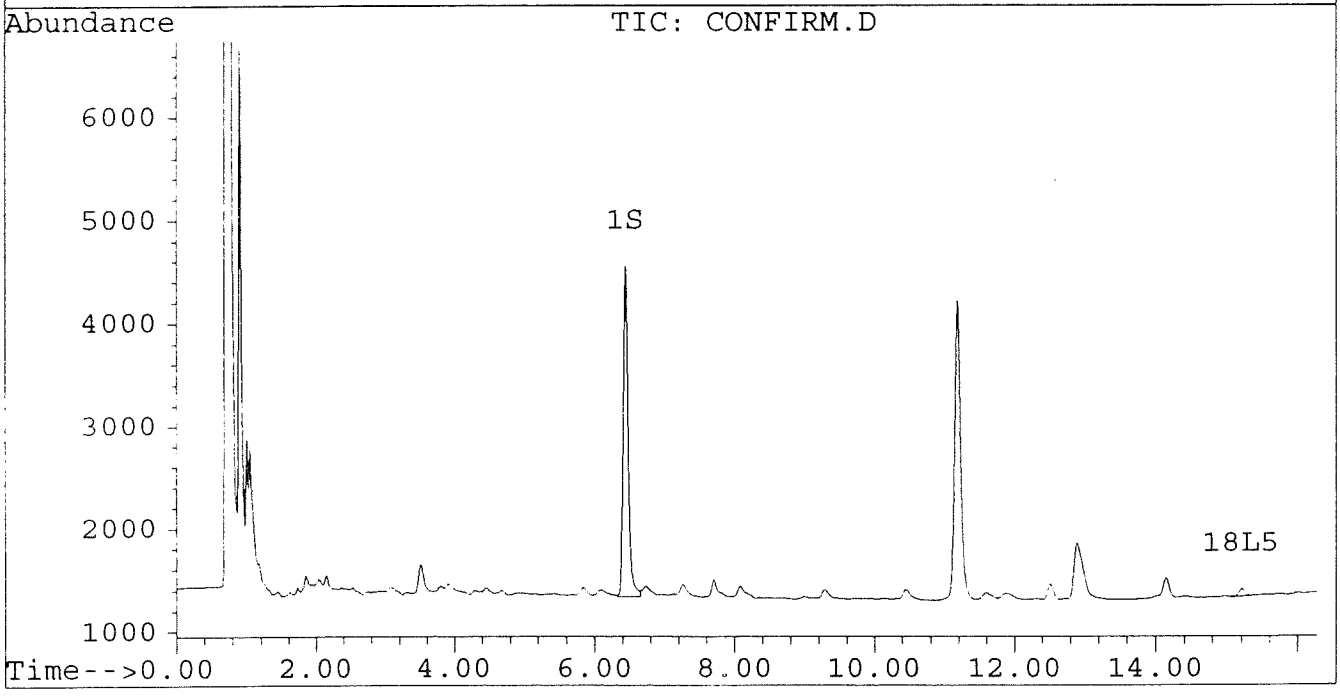
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-40.D Vial: 10
Signal #2 : D:\HPCHEM\5\JL29A\C680-40.D\CONFIRM.D
Acq On : 30 Jul 96 00:11 AM Operator: JS
Sample : VHB/ DEQAQC M10:012 KOS Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





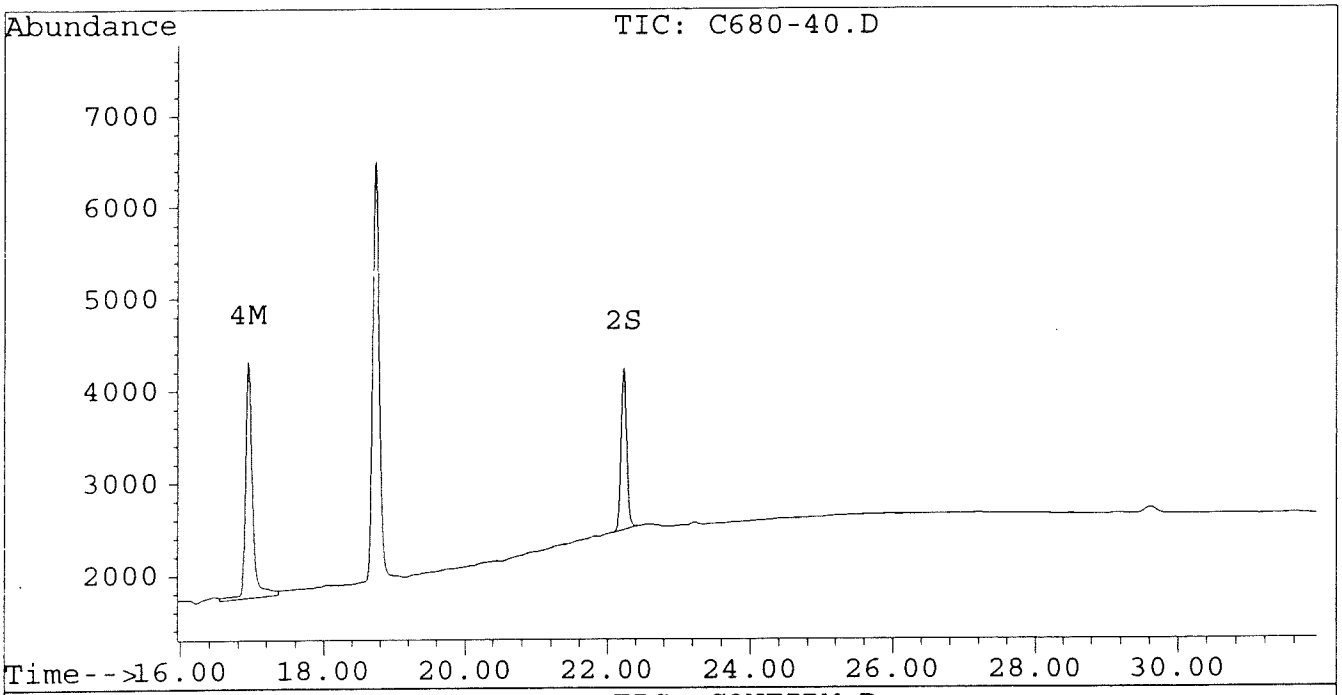
Quantitation Report

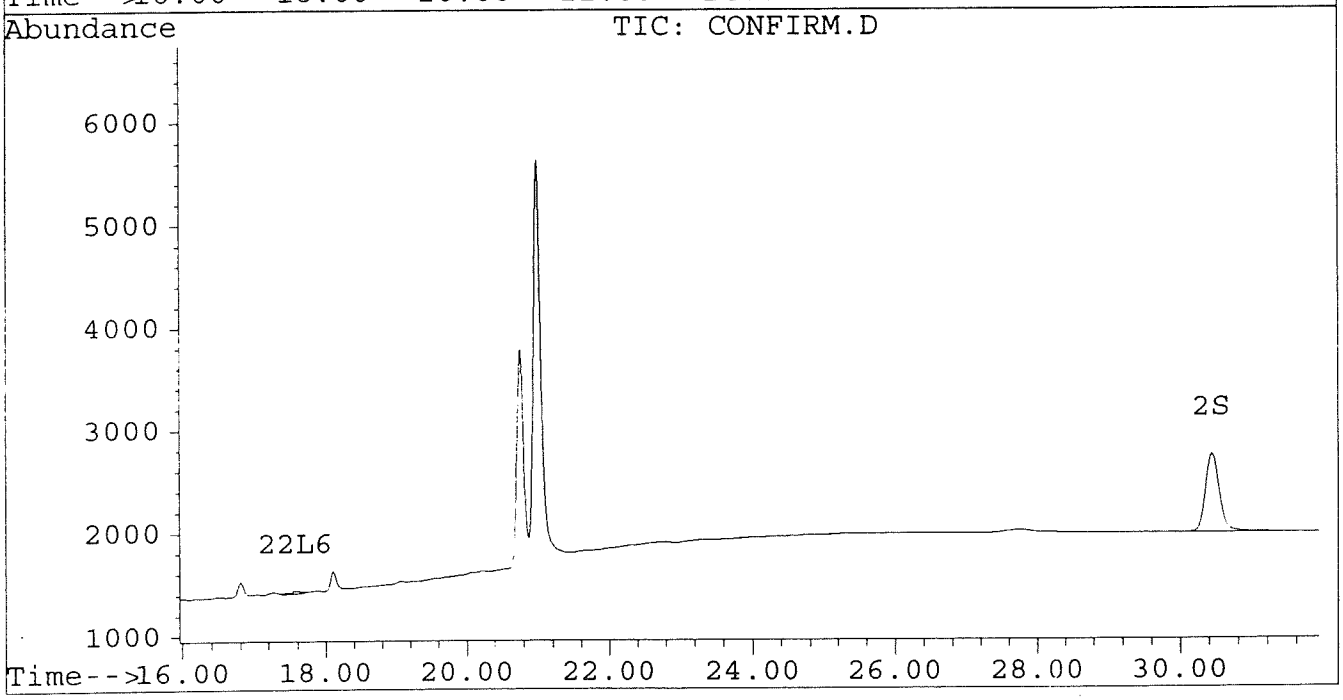
Signal #1 : D:\HPCHEM\5\JL29A\C680-40.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-40.D\CONFIRM.D
Acq On : 30 Jul 96 00:11 AM
Sample : VHB/ DEQAQC M10:012 KBS
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Aug 1 17:40 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-41.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL29A\C680-41.D\CONFIRM.D
Acq On : 30 Jul 96 00:47 AM Operator: JS
Sample : VHB/ DEQAQC M7:09 KOS Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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					70	
1)	S Tetrachloro-m-xylen	4.07	6.44	3058	2634	0.014	0.015
				Recovery	=	35.00%	37.50%
2)	S Decachlorobiphenyl	22.23	30.45	1222	531	0.006m	0.006
				Recovery	=	15.00%	15.00%
						30	
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4)	M 2,2',3,3',4,4'-Hexa	16.94	21.59	1805	184	0.010	0.001
5)	L1 Aroclor-1016	6.83	0.00	15	0	0.000	N.D. #
6)	L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 {3}	9.35	0.00	60	0	0.003	N.D. #
	Total Aroclor-1016			75	0	0.003	N.D.
	Average Aroclor-1016					0.002	0.000
8)	L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	5.69	0.00	18	0	0.001	N.D. #
	Total Aroclor-1221			18	0	0.001	N.D.
	Average Aroclor-1221					0.001	0.000
11)	L3 Aroclor-1232	5.69	0.00	18	0	0.001	N.D. #
12)	L3 Aroclor-1232 {2}	6.83	0.00	15	0	0.001	N.D. #
13)	L3 Aroclor-1232 {3}	8.57f	0.00	75	0	0.009	N.D. #
	Total Aroclor-1232			108	0	0.011	N.D.
	Average Aroclor-1232					0.004	0.000
14)	L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15)	L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16)	L4 Aroclor-1242 {3}	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	9.35	0.00	60	0	0.002	N.D. #
18)	L5 Aroclor-1248 {2}	0.00	15.20	0	61	N.D.	0.003 #
19)	L5 Aroclor-1248 {3}	11.42	0.00	87	0	0.003	N.D. #
	Total Aroclor-1248			148	61	0.005	0.003
	Average Aroclor-1248					0.002	0.003

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-41.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL29A\C680-41.D\CONFIRM.D
Acq On : 30 Jul 96 00:47 AM Operator: JS
Sample : VHB/ DEQAQC M7:09 KOS Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	17.59	0	18	N.D.	0.000 #
Total	Aroclor-1254			0	18	N.D.	0.000
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

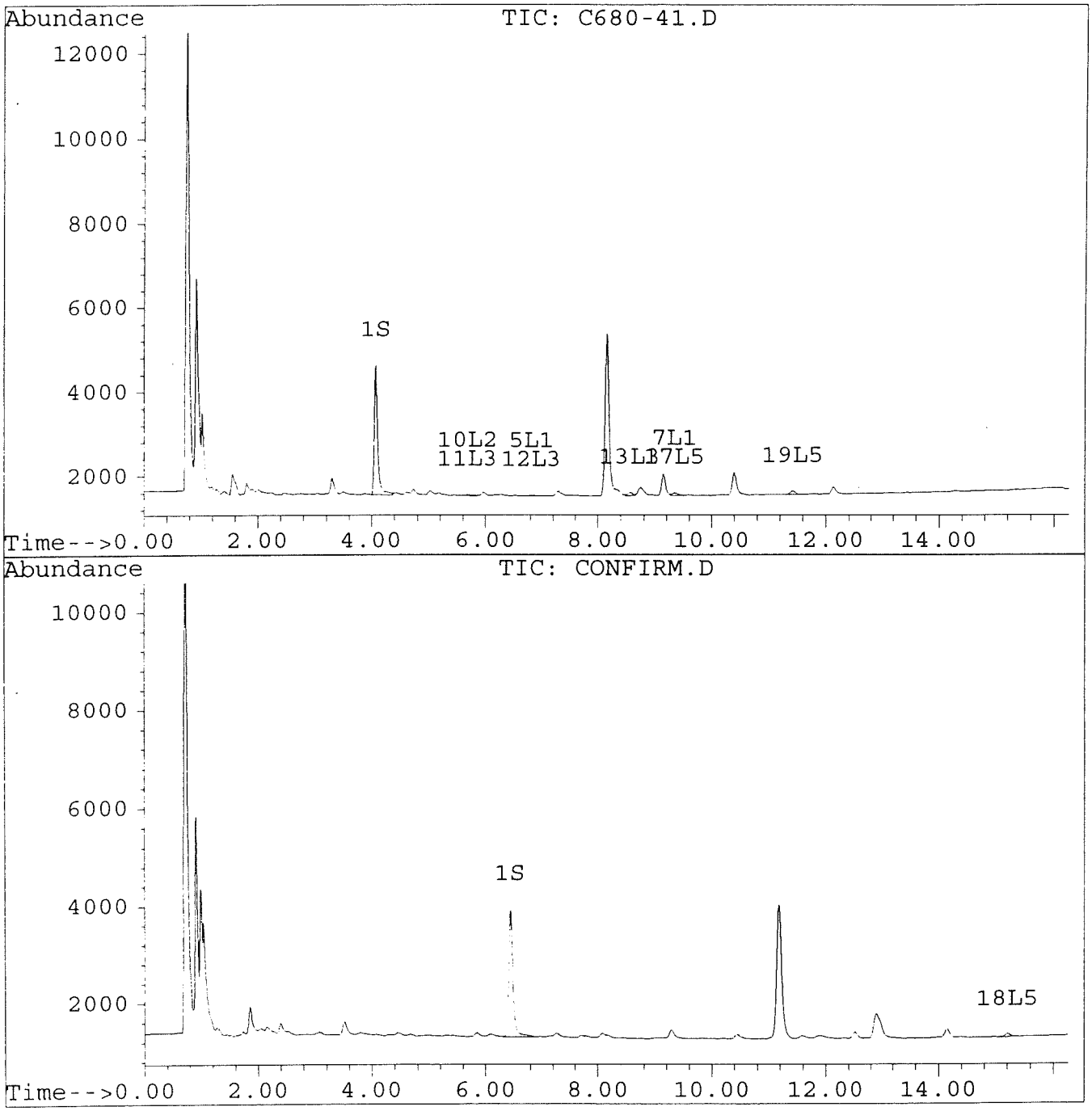
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-41.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL29A\C680-41.D\CONFIRM.D
Acq On : 30 Jul 96 00:47 AM Operator: JS
Sample : VHB/ DEQAQC M7:09 KOS Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

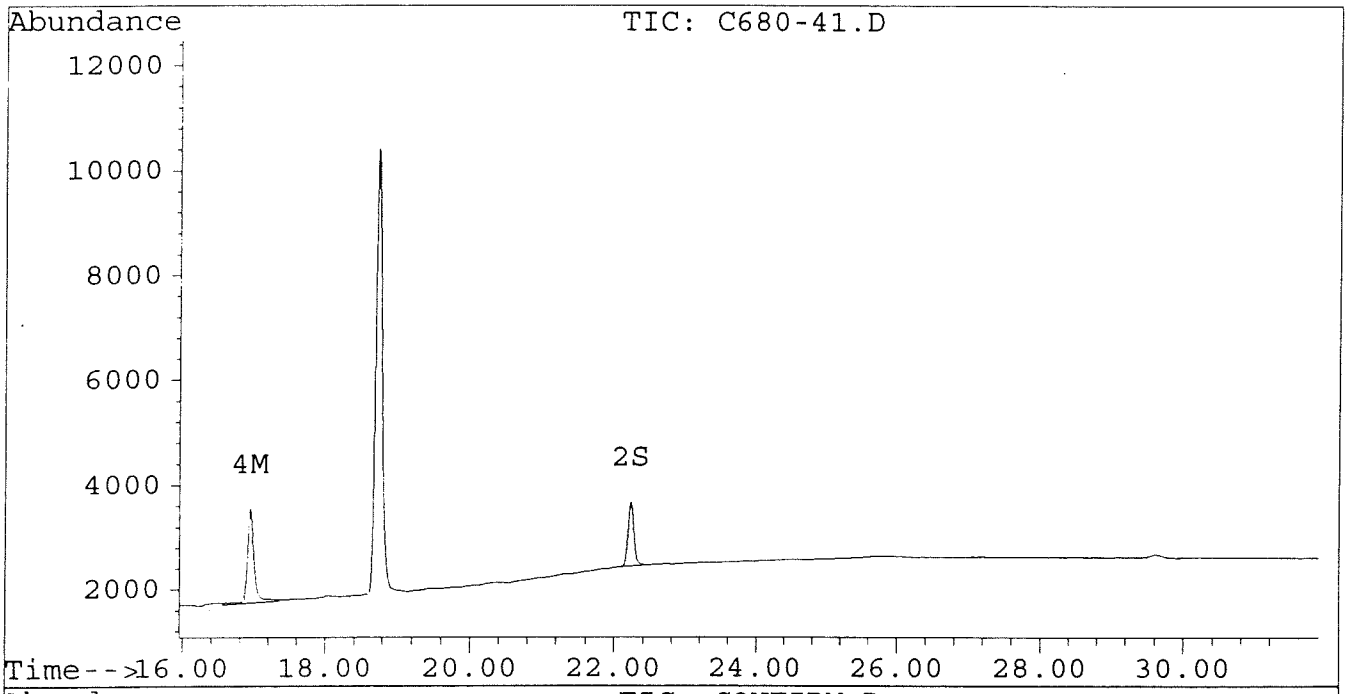


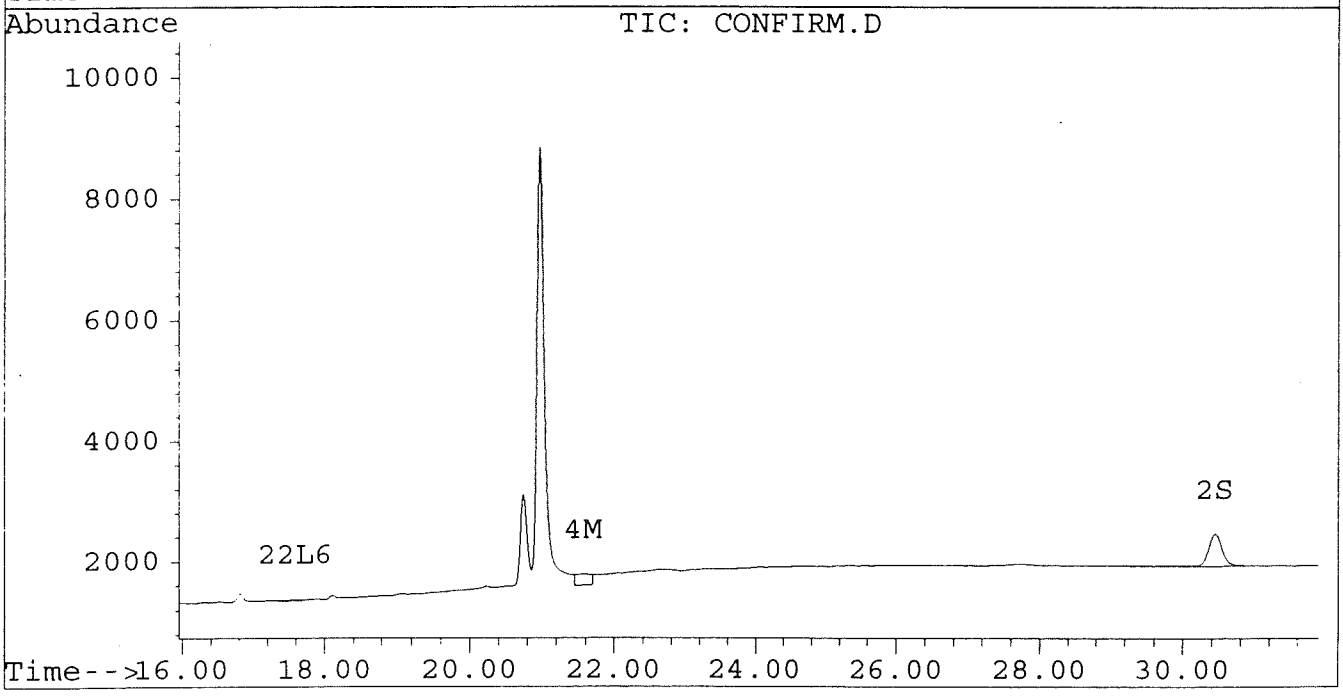
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-41.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL29A\C680-41.D\CONFIRM.D
Acq On : 30 Jul 96 00:47 AM Operator: JS
Sample : VHB/ DEQAQC M7:09 Kos Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL29A\C680-42.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL29A\C680-42.D\CONFIRM.D
Acq On : 30 Jul 96 01:22 AM Operator: JS
Sample : VHB/ DEQAQC M4:06 KDS Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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					65	
1) S	Tetrachloro-m-xylen	4.07	6.44	3000	2582	0.013	0.015
				Recovery	=	32.50%	37.50%
2) S	Decachlorobiphenyl	22.23	30.45	1205	533	0.006m	0.006
				Recovery	=	15.00%	15.00%
						30	
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M	2,2',3,3',4,4'-Hexa	16.94	0.00	3707	0	0.021	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}	9.35	0.00	61	0	0.003	N.D. #
Total	Aroclor-1016			61	0	0.003	N.D.
Average	Aroclor-1016					0.003	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.69	0.00	19	0	0.001	N.D. #
Total	Aroclor-1221			19	0	0.001	N.D.
Average	Aroclor-1221					0.001	0.000
11) L3	Aroclor-1232	5.69	0.00	19	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}	8.57f	0.00	61	0	0.007	N.D. #
Total	Aroclor-1232			80	0	0.008	N.D.
Average	Aroclor-1232					0.004	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4	Aroclor-1242 {3}	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	9.35	0.00	61	0	0.002	N.D. #
18) L5	Aroclor-1248 {2}	0.00	15.21	0	55	N.D.	0.002 #
19) L5	Aroclor-1248 {3}	11.43	0.00	80	0	0.002	N.D. #
Total	Aroclor-1248			141	55	0.004	0.002
Average	Aroclor-1248					0.002	0.002

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-42.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL29A\C680-42.D\CONFIRM.D
Acq On : 30 Jul 96 01:22 AM Operator: JS
Sample : VHB/ DEQAQC M4:06 KDS Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	17.61	0	16	N.D.	0.000 #
Total	Aroclor-1254			0	16	N.D.	0.000
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.

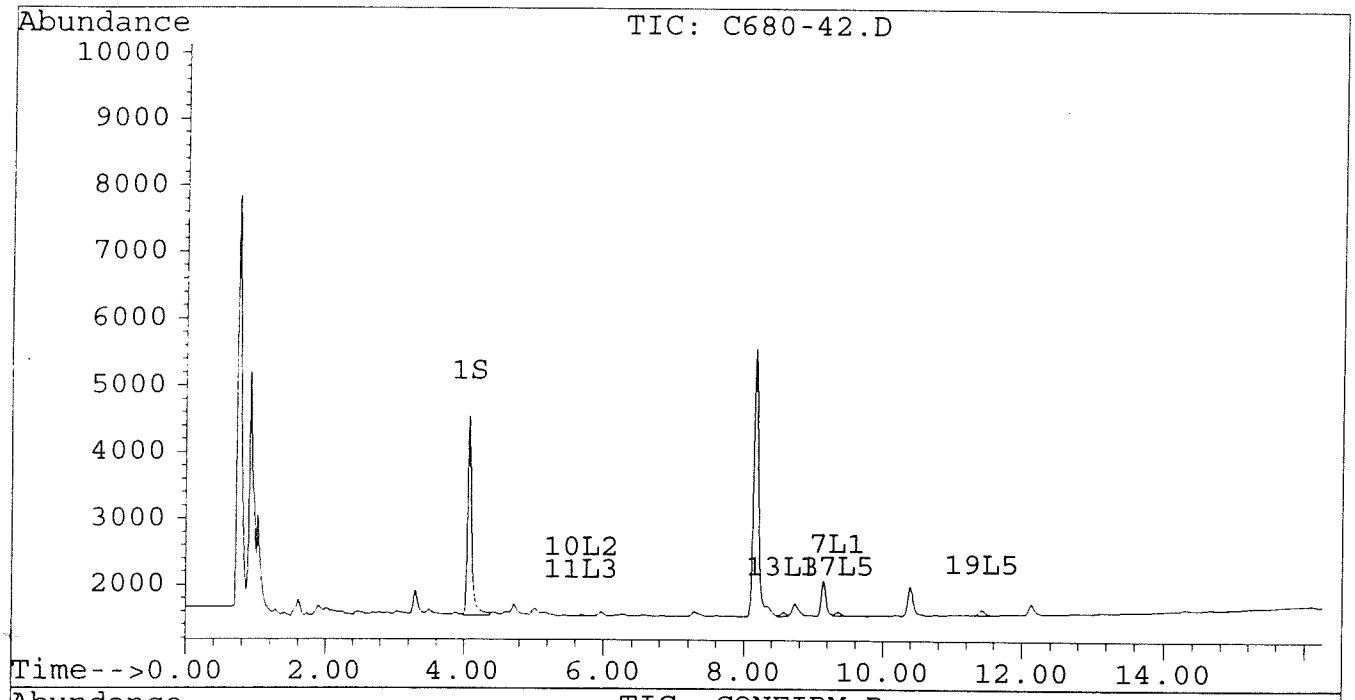
Quantitation Report

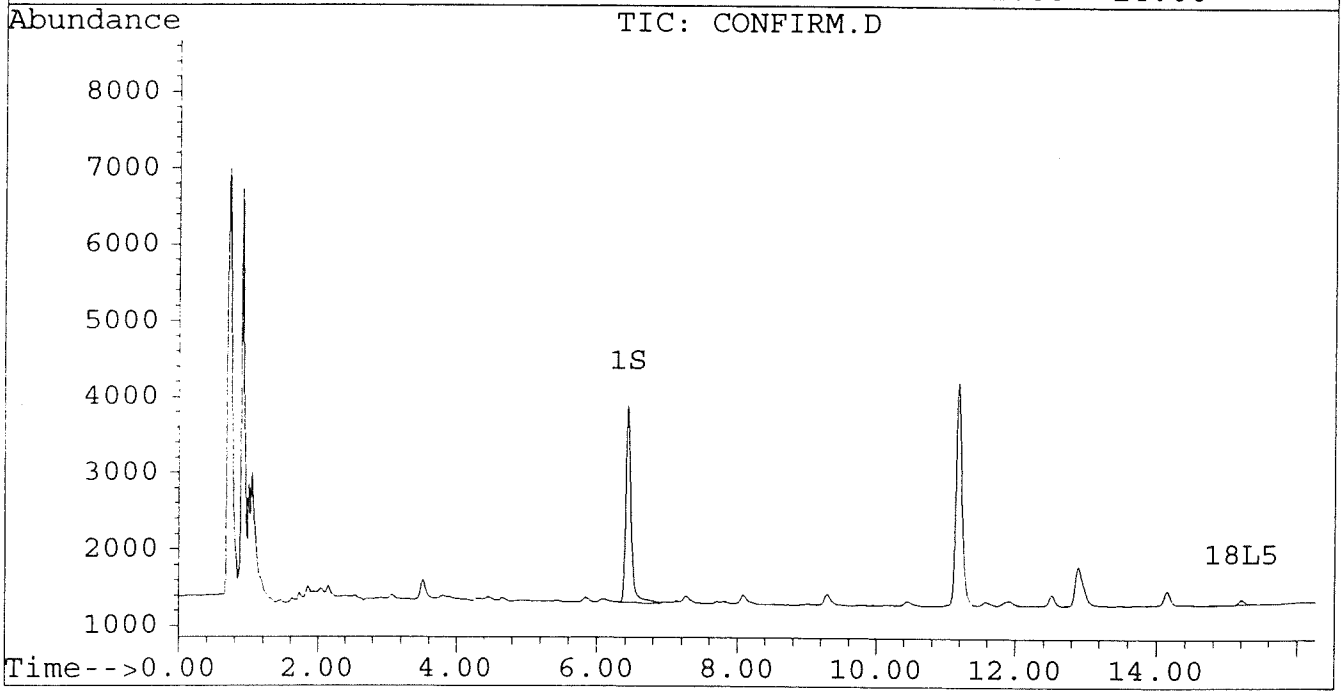
Signal #1 : D:\HPCHEM\5\JL29A\C680-42.D
Signal #2 : D:\HPCHEM\5\JL29A\C680-42.D\CONFIRM.D
Acq On : 30 Jul 96 01:22 AM
Sample : VHB/ DEQAQC M4:06 KDS
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Aug 1 17:41 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



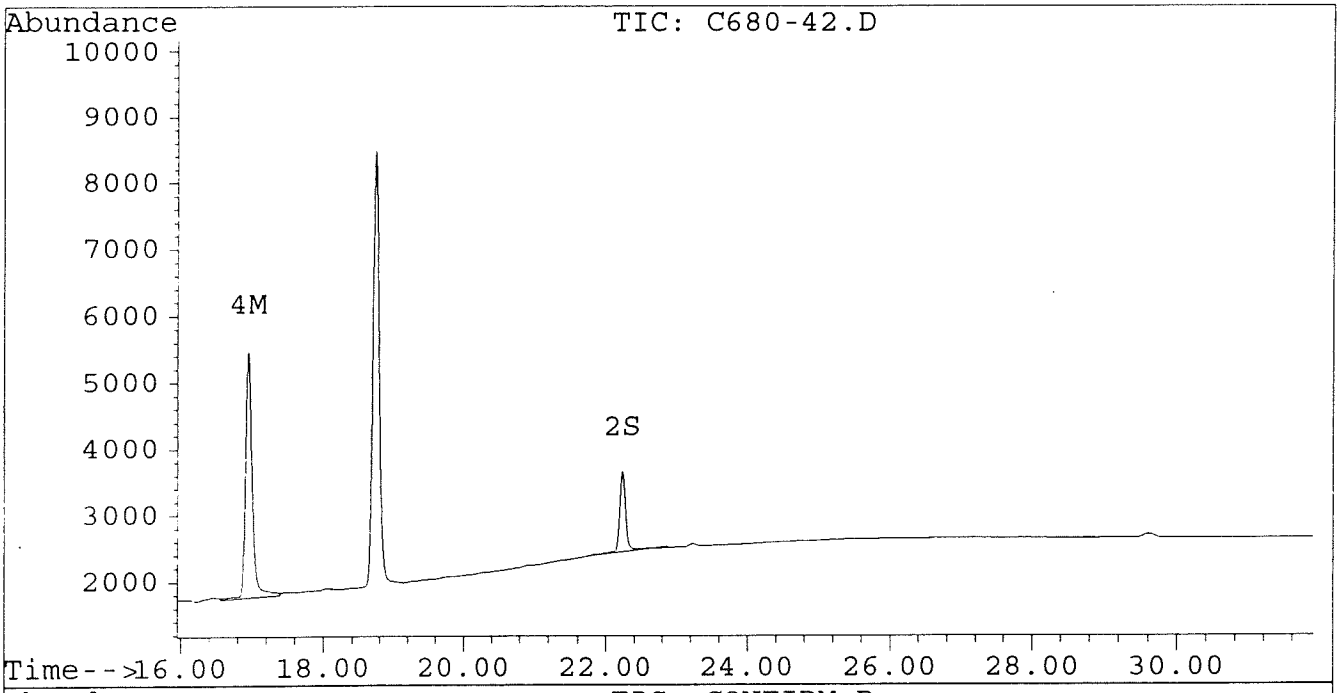


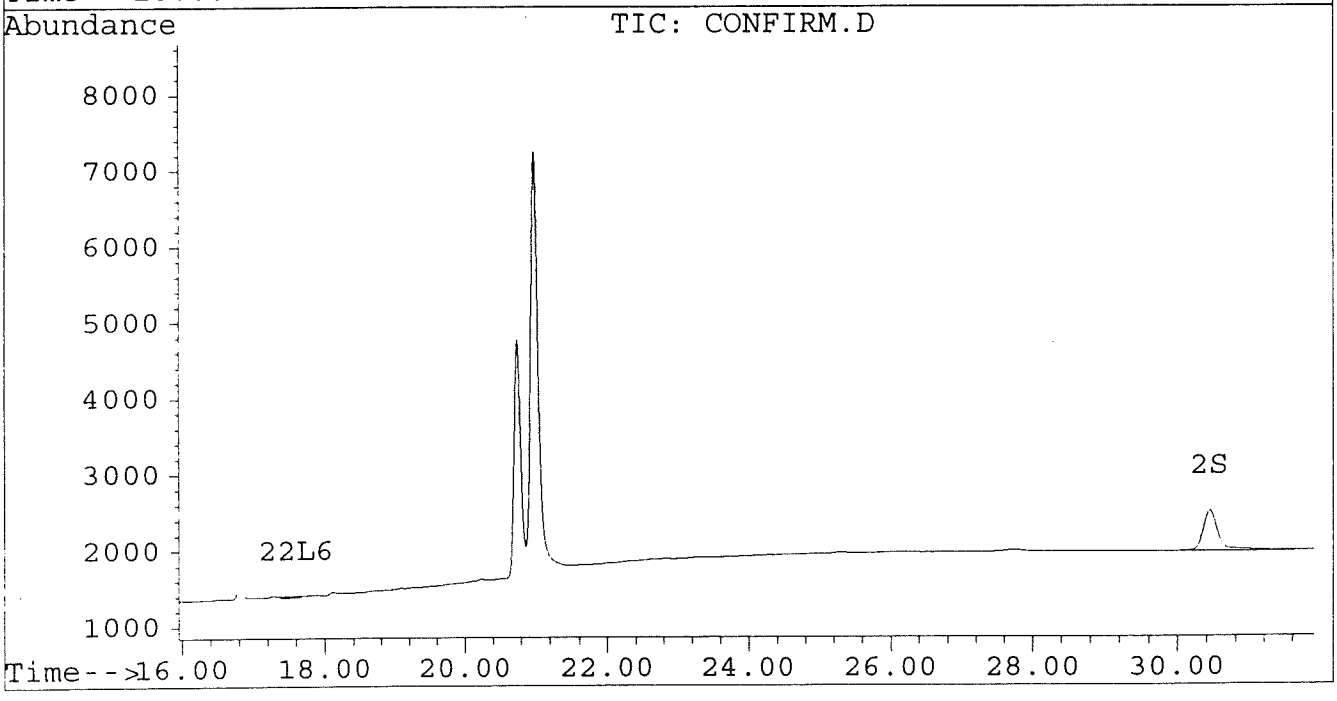
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\C680-42.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL29A\C680-42.D\CONFIRM.D
Acq On : 30 Jul 96 01:22 AM Operator: JS
Sample : VHB/ DEQAQC M4:06 KOS Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\C680-43B.D Vial: 44
Signal #2 : D:\HPCHEM\5\JL30\C680-43B.D\CONFIRM.D
Acq On : 31 Jul 96 08:41 PM Operator: JS
Sample : VHB/AVHB2 1:50 DILUTION Inst : ECD1
Misc : 13.8G/5ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 18:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.45	501	336	0.002m	0.002m
				Recovery	=	5.00%	5.00%
2) S	Decachlorobiphenyl	22.25	0.00	345	0	0.002m	N.D. #
				Recovery	=	5.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.67	40985	30218	0.369	0.319
4) M	2,2',3,3',4,4'-Hexa	16.95	21.60	488	209	0.003	0.002 #
5) L1	Aroclor-1016	6.81	8.80	22684	10096	0.755	0.818
6) L1	Aroclor-1016 {2}	8.94	10.33	13757	19498	0.880	0.773
7) L1	Aroclor-1016 {3}	9.34	12.26	18948	13487	0.788	0.852
Total	Aroclor-1016			55389	43081	2.422	2.443
Average	Aroclor-1016					0.807	0.814
8) L2	Aroclor-1221	5.09	8.03	1791	1670	0.256	0.273
9) L2	Aroclor-1221 {2}	5.52	8.58	2674	2335	0.458	0.479
10) L2	Aroclor-1221 {3}	5.69	8.80	11732	10096	0.581	0.658
Total	Aroclor-1221			16197	14102	1.295	1.409
Average	Aroclor-1221					0.432	0.470
11) L3	Aroclor-1232	5.69	8.80	11732	10096	0.643	0.705
12) L3	Aroclor-1232 {2}	6.81	10.33	22684	19498	1.662	1.623
13) L3	Aroclor-1232 {3}	8.62	12.26	15832	13487	1.913	1.945
Total	Aroclor-1232			50247	43081	4.218	4.272
Average	Aroclor-1232					1.406	1.424
14) L4	Aroclor-1242	8.23	11.67	40985	30218	1.006	1.046
15) L4	Aroclor-1242 {2}	8.94	12.26	13757	13487	1.130	1.075
16) L4	Aroclor-1242 {3}	10.08	14.02	17066	12159	1.054	0.995
Total	Aroclor-1242			71808	55864	3.190	3.117
Average	Aroclor-1242					1.063	1.039
17) L5	Aroclor-1248	9.34	14.97	18948	12260	0.614	0.559
18) L5	Aroclor-1248 {2}	10.08	15.19	17066	14920	0.656	0.657
19) L5	Aroclor-1248 {3}	11.42	16.20	20213	11969	0.595	0.682
Total	Aroclor-1248			56227	39149	1.864	1.897
Average	Aroclor-1248					0.621	0.632

$$\frac{3.117\ \mu g/mL \times 5\ mL}{0.0138\ g \times .98} \times 50 = 57{,}619$$

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-43B.D Vial: 44
Signal #2 : D:\HPCHEM\5\JL30\C680-43B.D\CONFIRM.D
Acq On : 31 Jul 96 08:41 PM Operator: JS
Sample : VHB/AVHB2 1:50 DILUTION Inst : ECD1
Misc : 13.8G/5ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 18:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.49	0	2885	N.D.	0.119 #
21) L6 Aroclor-1254 {2}	13.43	15.73	4369	3231	0.107	0.121
22) L6 Aroclor-1254 {3}	15.83	17.58	523	3783	0.017	0.102 #
Total Aroclor-1254			4892	9899	0.124	0.342
Average Aroclor-1254					0.062	0.114
23) L7 Aroclor-1260	13.92	18.22	2453	315	0.078	0.011 #
24) L7 Aroclor-1260 {2}	14.72	0.00	342	0	0.009	N.D. #
25) L7 Aroclor-1260 {3}	17.93	21.96	421	379	0.008	0.008
Total Aroclor-1260			3216	693	0.095	0.019
Average Aroclor-1260					0.032	0.009
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.04	0.00	445	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.80	0.00	1162	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.

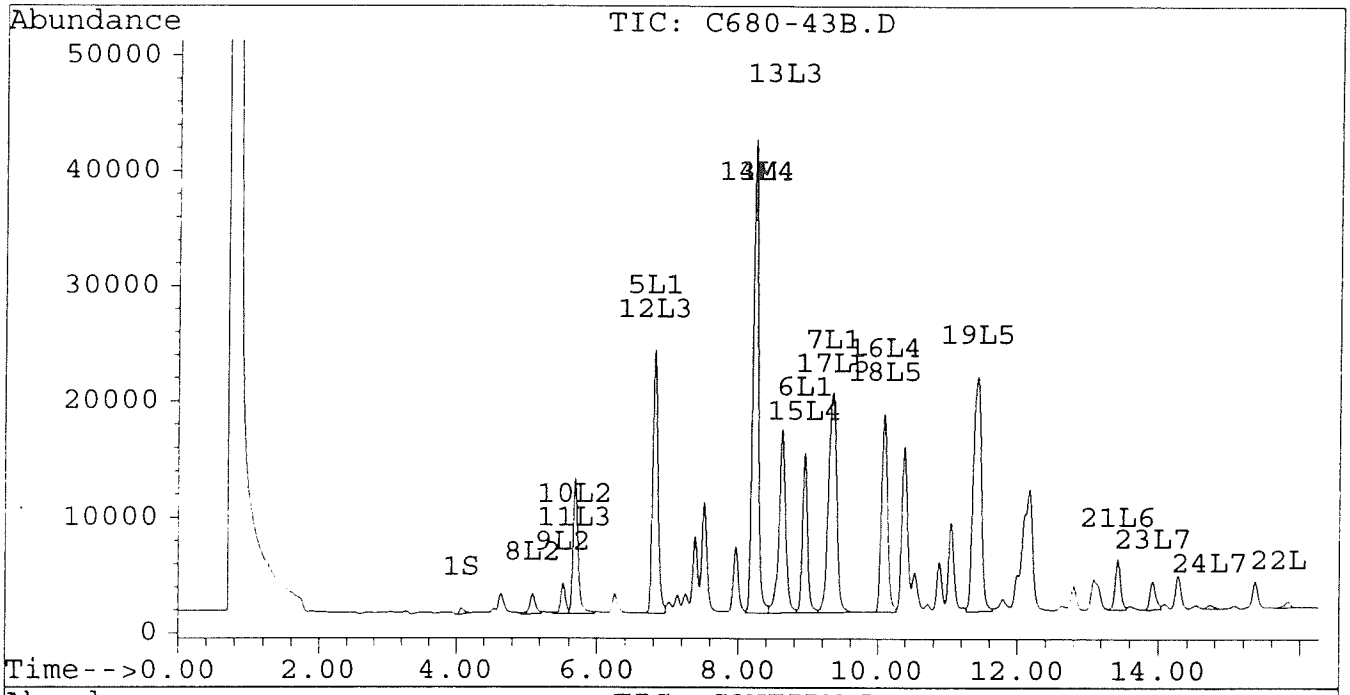
Quantitation Report

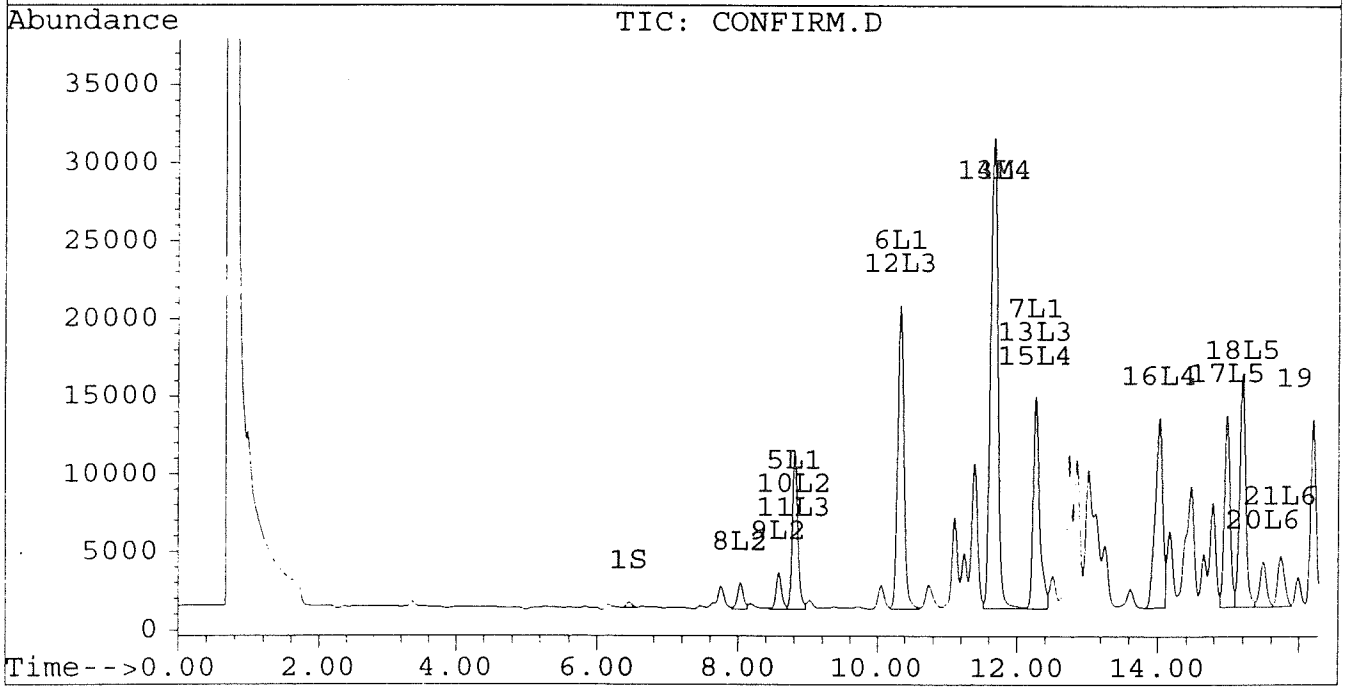
Signal #1 : D:\HPCHEM\5\JL30\C680-43B.D
Signal #2 : D:\HPCHEM\5\JL30\C680-43B.D\CONFIRM.D
Acq On : 31 Jul 96 08:41 PM
Sample : VHB/AVHB2 1:50 DILUTION
Misc : 13.8G/5ML PCB ANALYSIS
Quant Time: Aug 1 18:05 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



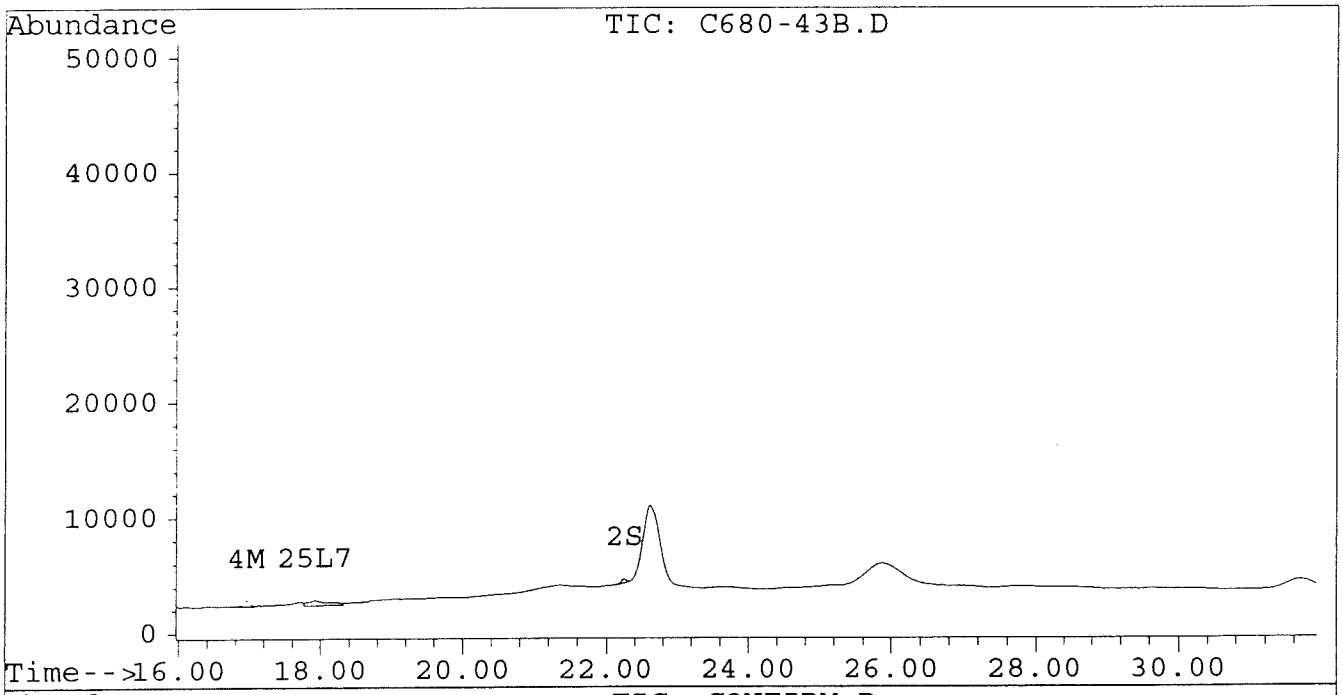


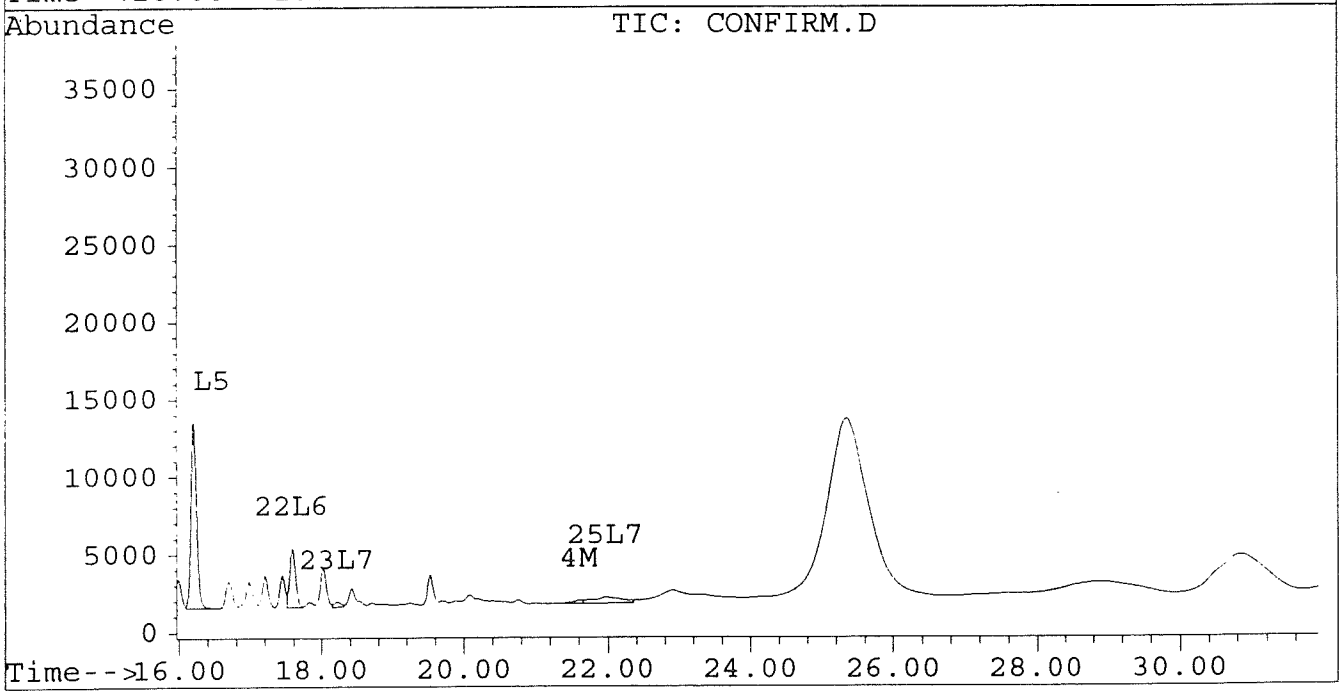
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-43B.D Vial: 44
Signal #2 : D:\HPCHEM\5\JL30\C680-43B.D\CONFIRM.D
Acq On : 31 Jul 96 08:41 PM Operator: JS
Sample : VHB/AVHB2 1:50 DILUTION Inst : ECD1
Misc : 13.8G/5ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 18:05 1996

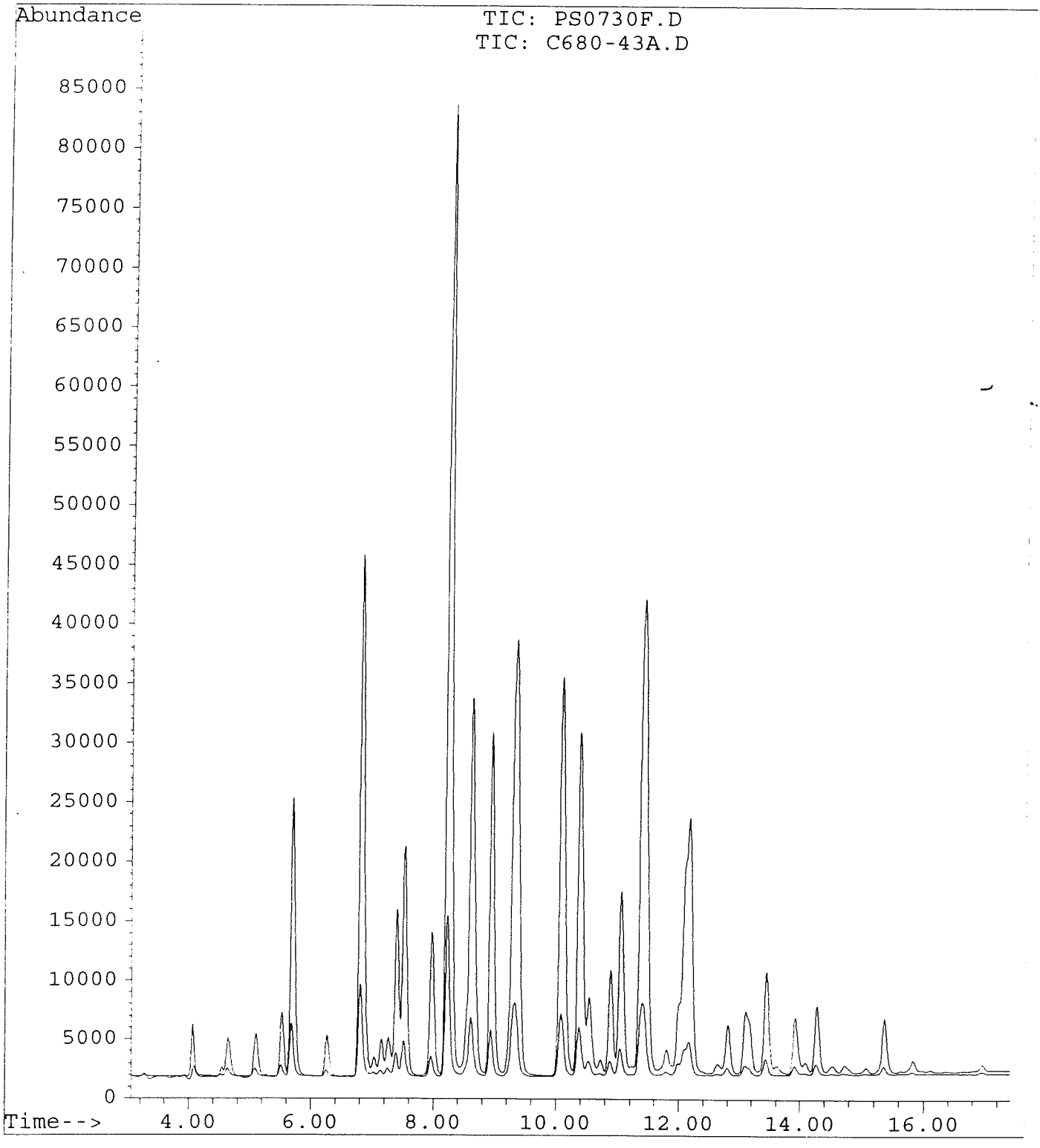
Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\PS0730F.D
Operator : JS
Acquired : 31 Jul 96 05:30 AM using AcqMethod PCB1F.MTH
Instrument : ECD1
Sample Name: AR1242 1.0 UG/ML
Misc Info :
Vial Number: 13



Quantitation Report

Data File : D:\HPCHEM\5\JL30\C680-44A.D Vial: 32
Acq On : 31 Jul 96 11:47 AM Operator: JS
Sample : VHB/BVHB2 1:10 DILUTION Inst : ECD1
Misc : 14.1G/5ML PCB ANALYSIS Multiplr: 1.00

Data File : D:\HPCHEM\5\JL30\C680-44A.D\CONFIRM.D Vial: 32
Acq On : 31 Jul 96 11:47 AM Operator: JS
Sample : VHB/BVHB2 1:10 DILUTION Inst : ECD1
Misc : 14.1G/5ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 18:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	4.08	6.45	1055	802	0.005	0.005m
				Recovery	=	12.50%	12.50%
2)	S Decachlorobiphenyl	22.25	30.46	872	322	0.004m	0.004
				Recovery	=	10.00%	10.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.23	11.66	1147	829	0.010	0.009
4)	M 2,2',3,3',4,4'-Hexa	16.95	21.59	12240	7122	0.068	0.052
5)	L1 Aroclor-1016	6.82	8.81	581	217	0.019	0.018
6)	L1 Aroclor-1016 (2)	8.95	10.34	320	480	0.020	0.019
7)	L1 Aroclor-1016 (3)	9.31	12.27	17242	231	0.717	0.015 #
	Total Aroclor-1016			18143	928	0.757	0.051
	Average Aroclor-1016					0.252	0.017
8)	L2 Aroclor-1221	5.04f	8.03	39	125	0.006	0.020 #
9)	L2 Aroclor-1221 (2)	5.51	8.58	101	57	0.017	0.012 #
10)	L2 Aroclor-1221 (3)	5.70	8.81	253	217	0.013	0.014
	Total Aroclor-1221			393	399	0.035	0.046
	Average Aroclor-1221					0.012	0.015
11)	L3 Aroclor-1232	5.70	8.81	253	217	0.014	0.015
12)	L3 Aroclor-1232 (2)	6.82	10.34	581	480	0.043	0.040
13)	L3 Aroclor-1232 (3)	8.62	12.27	388	231	0.047	0.033 #
	Total Aroclor-1232			1223	928	0.103	0.088
	Average Aroclor-1232					0.034	0.029
14)	L4 Aroclor-1242	8.23	11.66	1147	829	0.028	0.029
15)	L4 Aroclor-1242 (2)	8.95	12.27	320	231	0.026	0.018 #
16)	L4 Aroclor-1242 (3)	10.08	14.03	9151	7291	0.565	0.597
	Total Aroclor-1242			10618	8351	0.620	0.644
	Average Aroclor-1242					0.207	0.215

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-44A.D Vial: 32
Signal #2 : D:\HPCHEM\5\JL30\C680-44A.D\CONFIRM.D
Acq On : 31 Jul 96 11:47 AM Operator: JS
Sample : VHB/BVHB2 1:10 DILUTION Inst : ECD1
Misc : 14.1G/5ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 18:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
17) L5	Aroclor-1248	9.31	14.98	17242	10891	0.559	0.497
18) L5	Aroclor-1248 {2}	10.08	15.19	9151	3596	0.352	0.158 #
19) L5	Aroclor-1248 {3}	11.37	16.20	32843	2232	0.966	0.127 #
Total	Aroclor-1248			59236	16719	1.876	0.782
Average	Aroclor-1248					0.625	0.261
20) L6	Aroclor-1254	12.00	15.48	30700	22922	1.047	0.945
21) L6	Aroclor-1254 {2}	13.44	15.73	45804	25395	1.119	0.952
22) L6	Aroclor-1254 {3}	15.83	17.58	34131	38005	1.119	1.021
Total	Aroclor-1254			110635	86322	3.285	2.918
Average	Aroclor-1254					1.095	0.973
23) L7	Aroclor-1260	13.93	18.22	20127	12650	0.638	0.448 #
24) L7	Aroclor-1260 {2}	14.72	18.54	18086	14681	0.489	0.451
25) L7	Aroclor-1260 {3}	17.93	21.95	4659	3660	0.090	0.075
Total	Aroclor-1260			42872	30991	1.217	0.975
Average	Aroclor-1260					0.406	0.325
26) L8	Aroclor-1268	18.87	0.00	111	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.04	0.00	3095	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.86f	0.00	890	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

$\frac{2.918 \times 5mL}{0.0141 \times .95} \times 10 = 10,555$

283

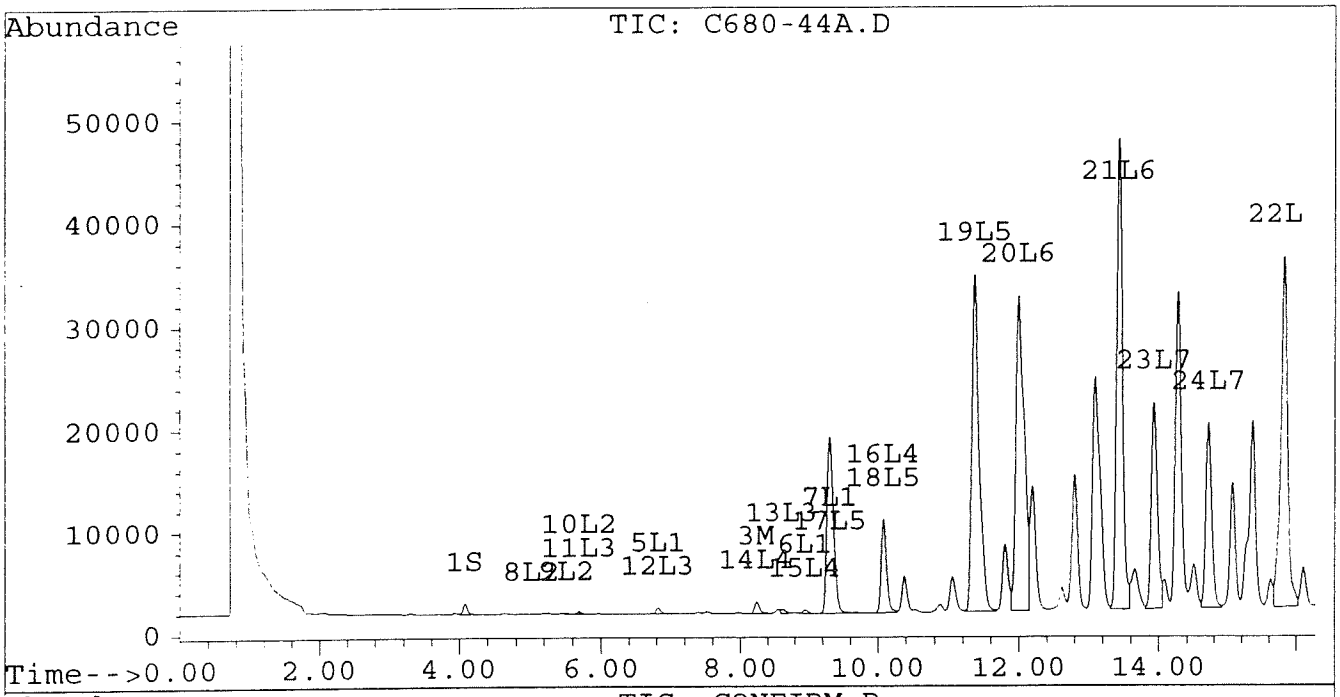
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

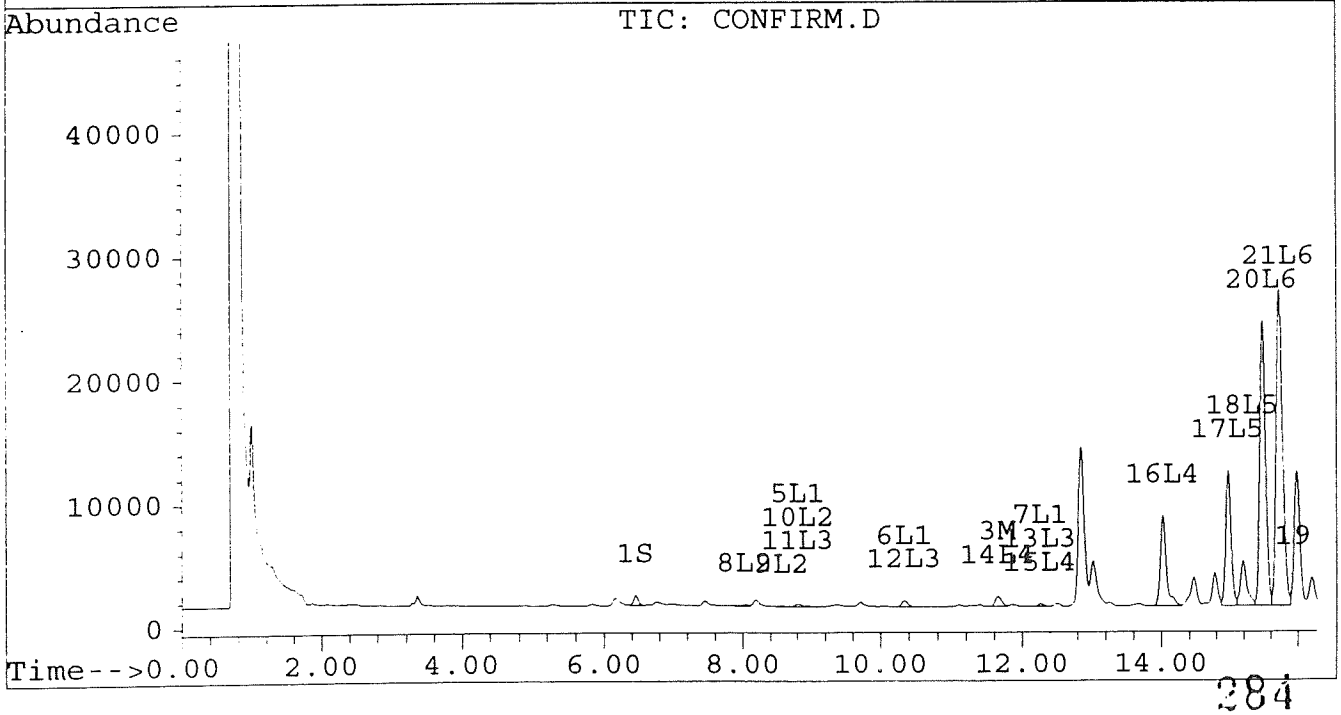
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-44A.D Vial: 32
Signal #2 : D:\HPCHEM\5\JL30\C680-44A.D\CONFIRM.D
Acq On : 31 Jul 96 11:47 AM Operator: JS
Sample : VHB/BVHB2 1:10 DILUTION Inst : ECD1
Misc : 14.1G/5ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 18:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



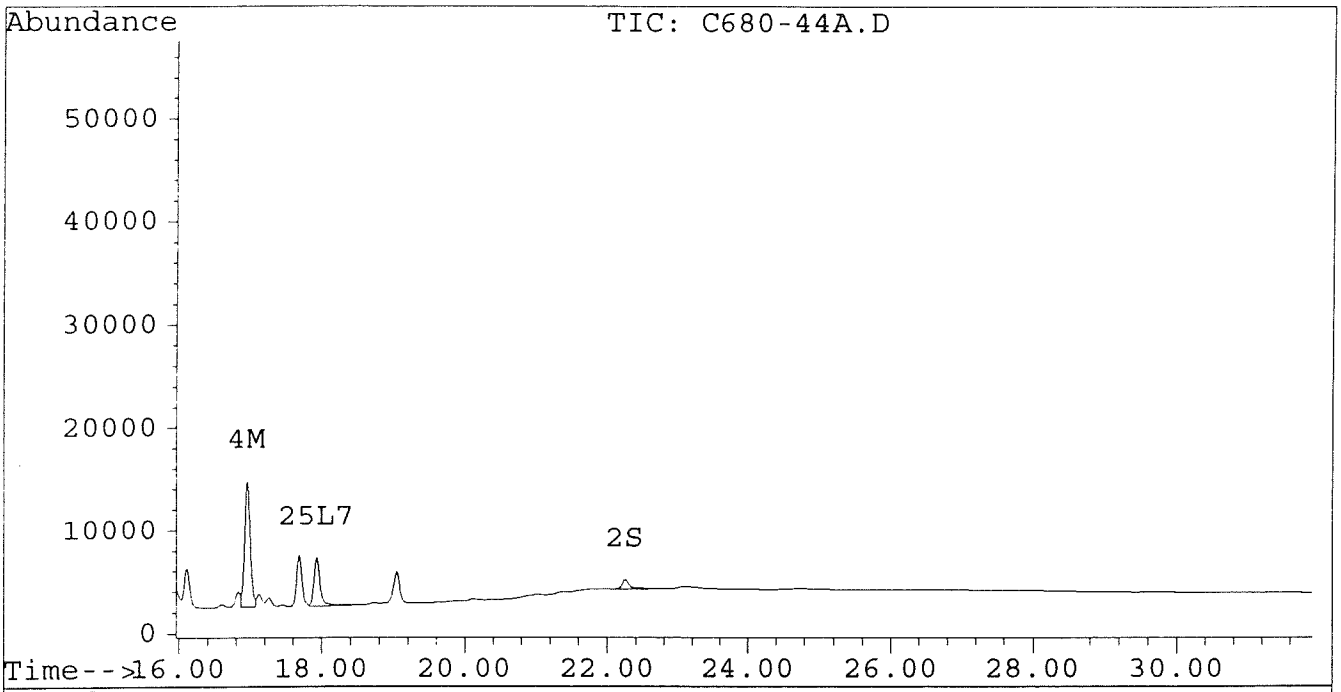


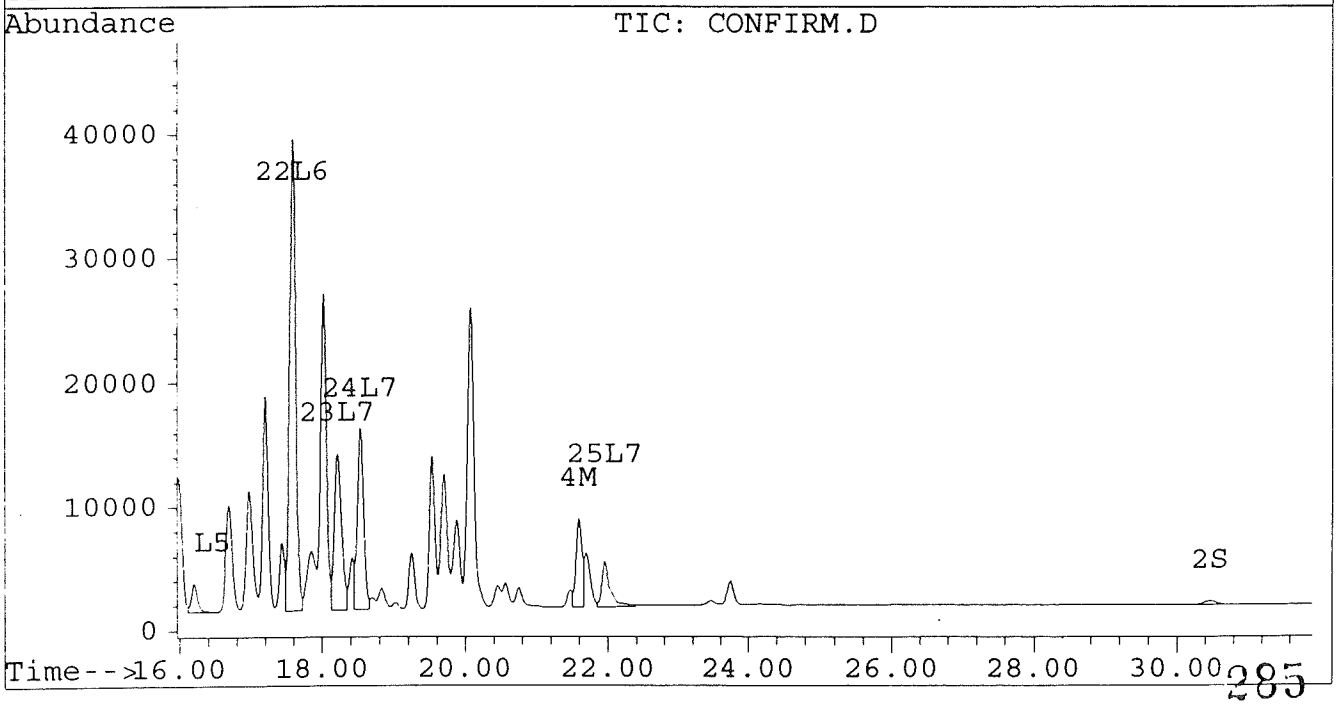
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\C680-44A.D Vial: 32
Signal #2 : D:\HPCHEM\5\JL30\C680-44A.D\CONFIRM.D
Acq On : 31 Jul 96 11:47 AM Operator: JS
Sample : VHB/BVHB2 1:10 DILUTION Inst : ECD1
Misc : 14.1G/5ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 18:06 1996

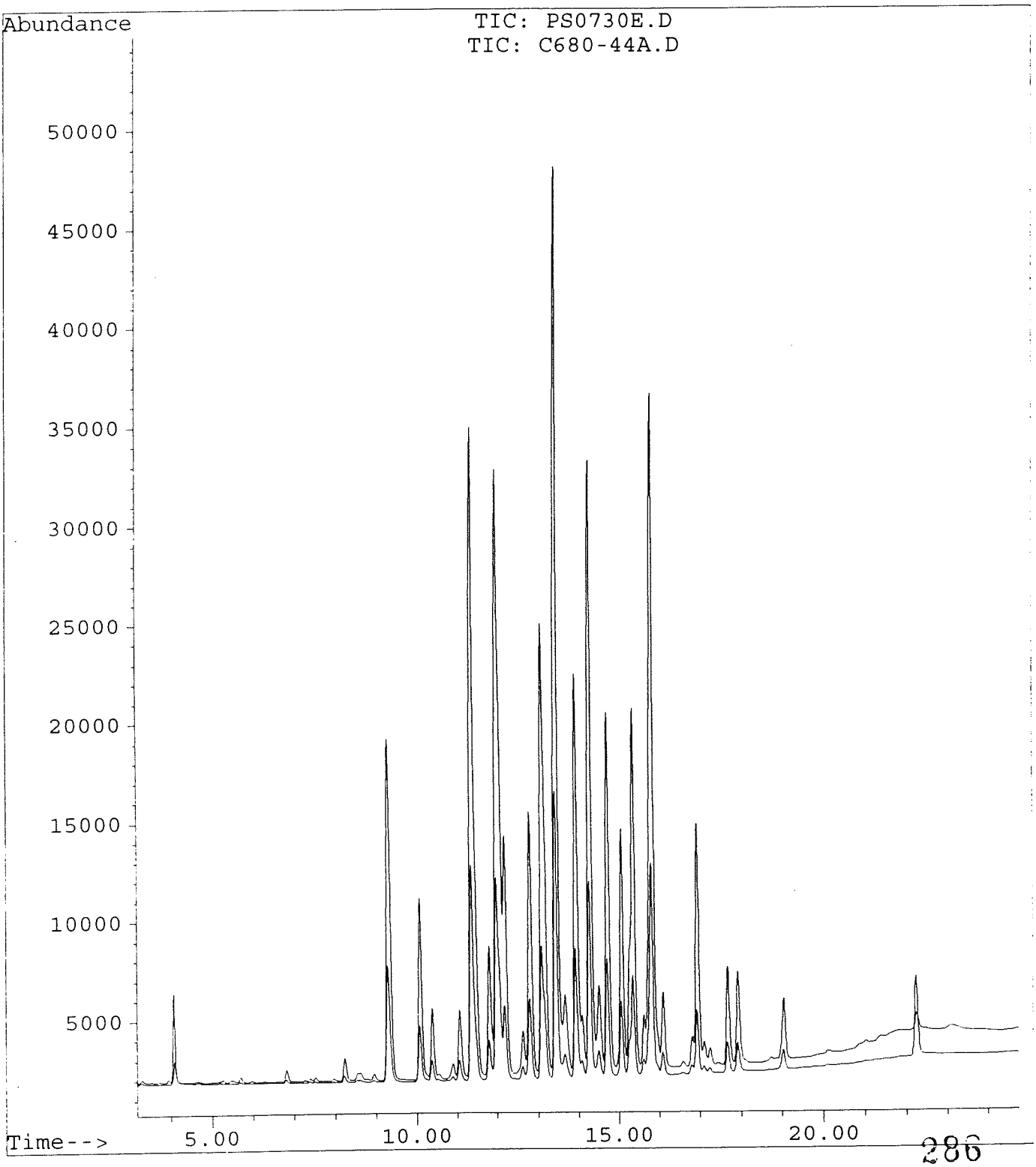
Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\PS0730E.D
Operator : JS
Acquired : 31 Jul 96 04:55 AM using AcqMethod PCB1F.MTH
Instrument : ECD1
Sample Name: AR1254 1.0 UG/ML
Misc Info :
Vial Number: 12



Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\P0715-B1.D Vial: 49
Signal #2 : D:\HPCHEM\5\P5LVL1\P0715-B1.D\CONFIRM.D
Acq On : 18 Jul 96 02:18 AM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 18 16:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.43	10322	7794	0.046m	0.045
				Recovery	=	115.00%	112.50%
2)	S Decachlorobiphenyl	22.23	30.44	8249	3513	0.042m	0.041
				Recovery	=	105.00%	102.50%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4)	M 2,2',3,3',4,4'-Hexa	16.95	0.00	1260	0	0.016	N.D. #
5)	L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8)	L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			0	0	N.D.	N.D.
	Average Aroclor-1221					0.000	0.000
11)	L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1232			0	0	N.D.	N.D.
	Average Aroclor-1232					0.000	0.000
14)	L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15)	L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16)	L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1242			0	0	N.D.	N.D.
	Average Aroclor-1242					0.000	0.000
17)	L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\P0715-B1.D Vial: 49
Signal #2 : D:\HPCHEM\5\P5LVL1\P0715-B1.D\CONFIRM.D
Acq On : 18 Jul 96 02:18 AM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 18 16:28 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	23.36f	0	125	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	449	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\P5LVL1\P0715-B1.D
Signal #2 : D:\HPCHEM\5\P5LVL1\P0715-B1.D\CONFIRM.D
Acq On : 18 Jul 96 02:18 AM
Sample : SOIL METHOD BLANK
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Jul 18 16:28 1996

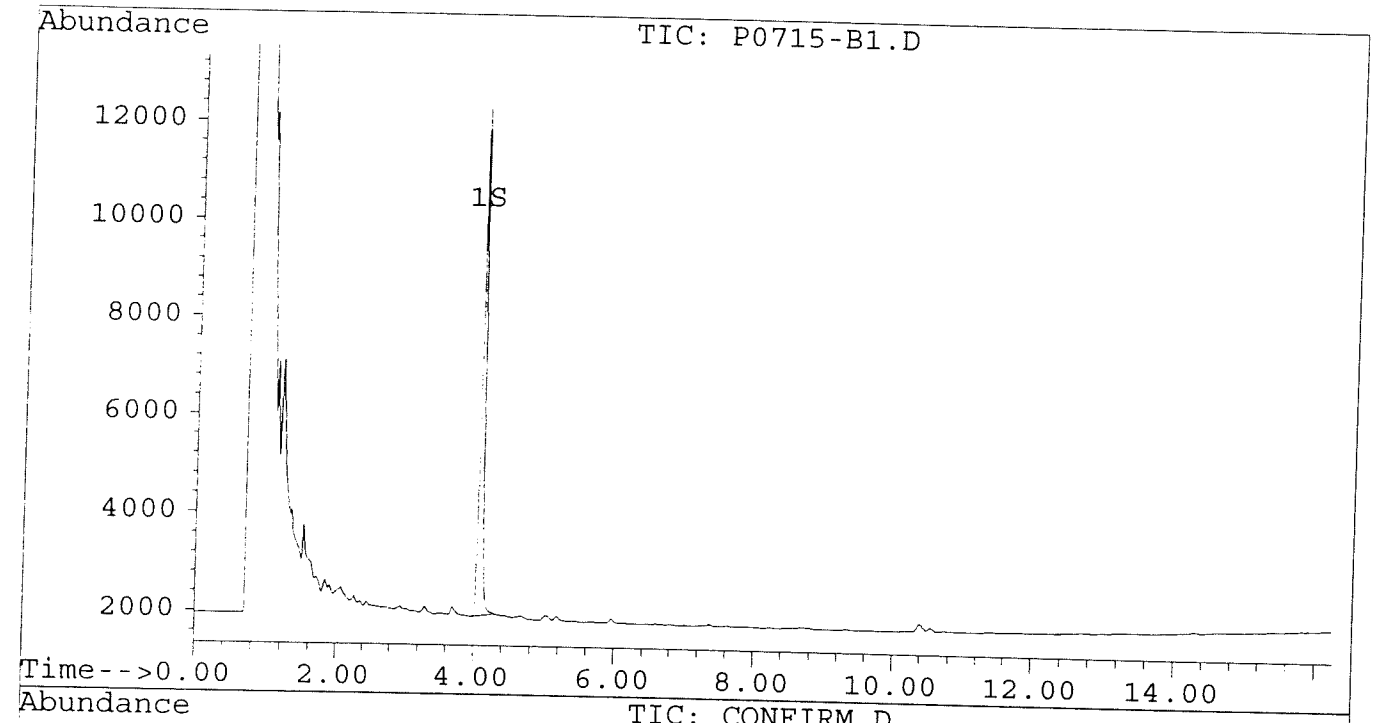
Vial: 49

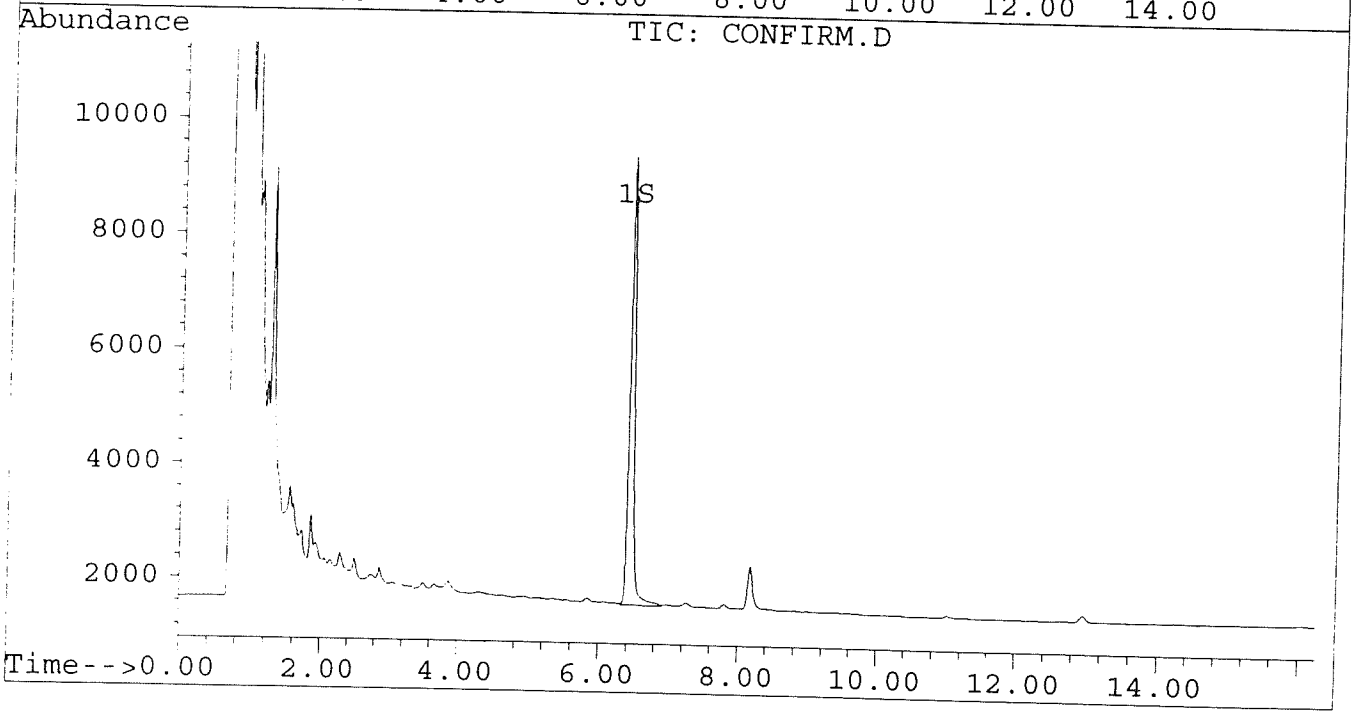
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

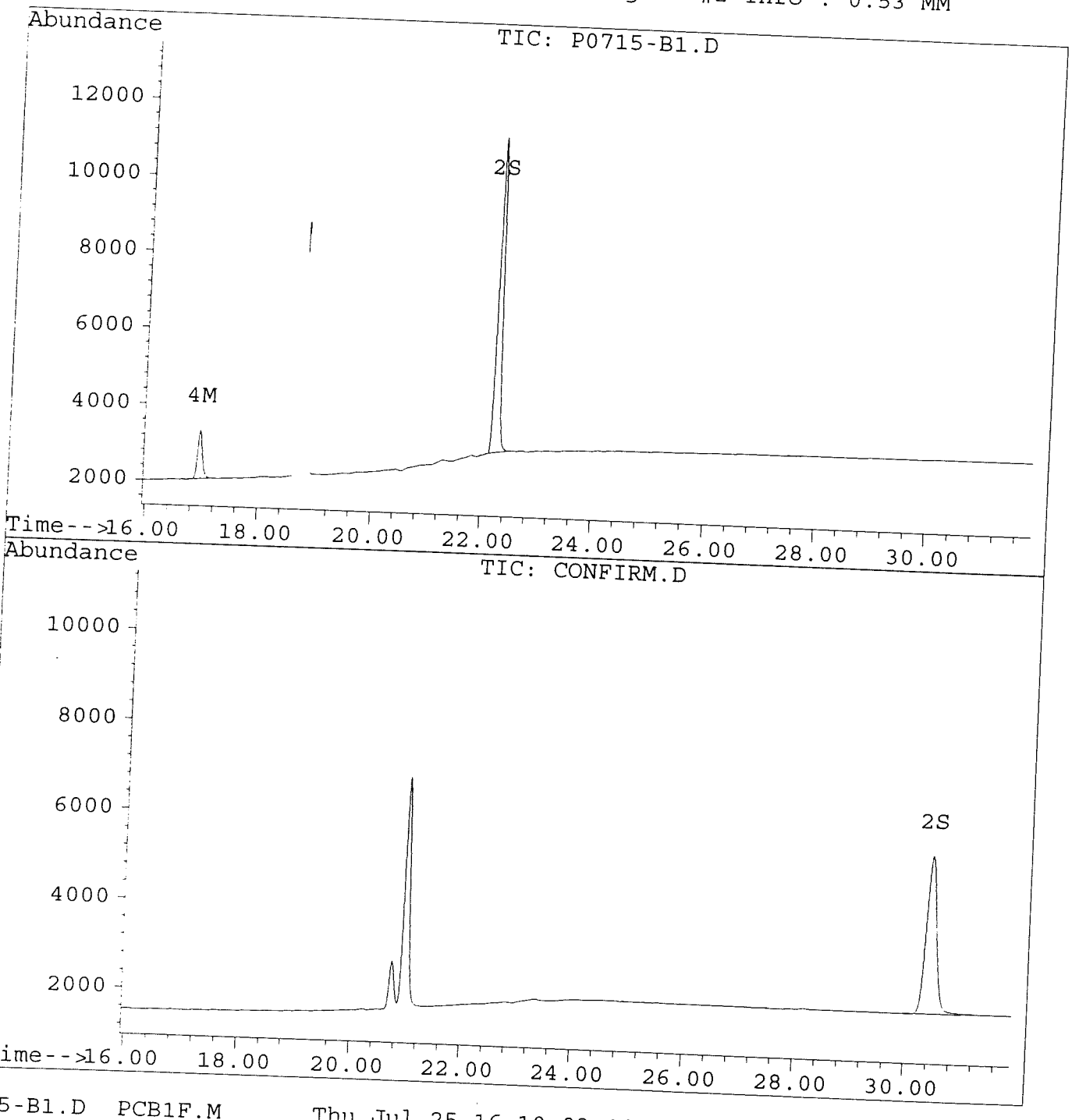
Signal #1 : D:\HPCHEM\5\P5LVL1\P0715-B1.D
Signal #2 : D:\HPCHEM\5\P5LVL1\P0715-B1.D\CONFIRM.D
Acq On : 18 Jul 96 02:18 AM
Sample : SOIL METHOD BLANK
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Jul 18 16:28 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

P0719-B1

Signal #1 : D:\HPCHEM\5\JL25\P0718B1A.D
Signal #2 : D:\HPCHEM\5\JL25\P0718B1A.D\CONFIRM.D
Acq On : 26 Jul 96 10:36 PM
Sample : SOIL METHOD BLANK P0719-B1
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Aug 1 15:02 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	4.07	6.44	9447	7537	0.042	0.043
				Recovery	=	105.00%	107.50%
2) S	Decachlorobiphenyl	22.23	30.45	8092	3536	0.041m	0.041
				Recovery	=	102.50%	102.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.67	17	13	0.000	0.000
4) M	2,2',3,3',4,4'-Hexa	16.95	0.00	652	0	0.004	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	5.04f	0.00	61	0	0.009	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			61	0	0.009	N.D.
Average	Aroclor-1221					0.009	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	8.23	11.67	17	13	0.000	0.000
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			17	13	0.000	0.000
Average	Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	15.21	0	28	N.D.	0.001 #
19) L5	Aroclor-1248 {3}	11.39	0.00	16	0	0.000	N.D. #
Total	Aroclor-1248			16	28	0.000	0.001
Average	Aroclor-1248					0.000	0.001

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\P0718B1A.D Vial: 43
Signal #2 : D:\HPCHEM\5\JL25\P0718B1A.D\CONFIRM.D
Acq On : 26 Jul 96 10:36 PM Operator: JS
Sample : SOIL METHOD BLANK P0719-B1 Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	17.59	0	25	N.D.	0.001 #
Total	Aroclor-1254			0	25	N.D.	0.001
Average	Aroclor-1254					0.000	0.001
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	21.83	0.00	212	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.

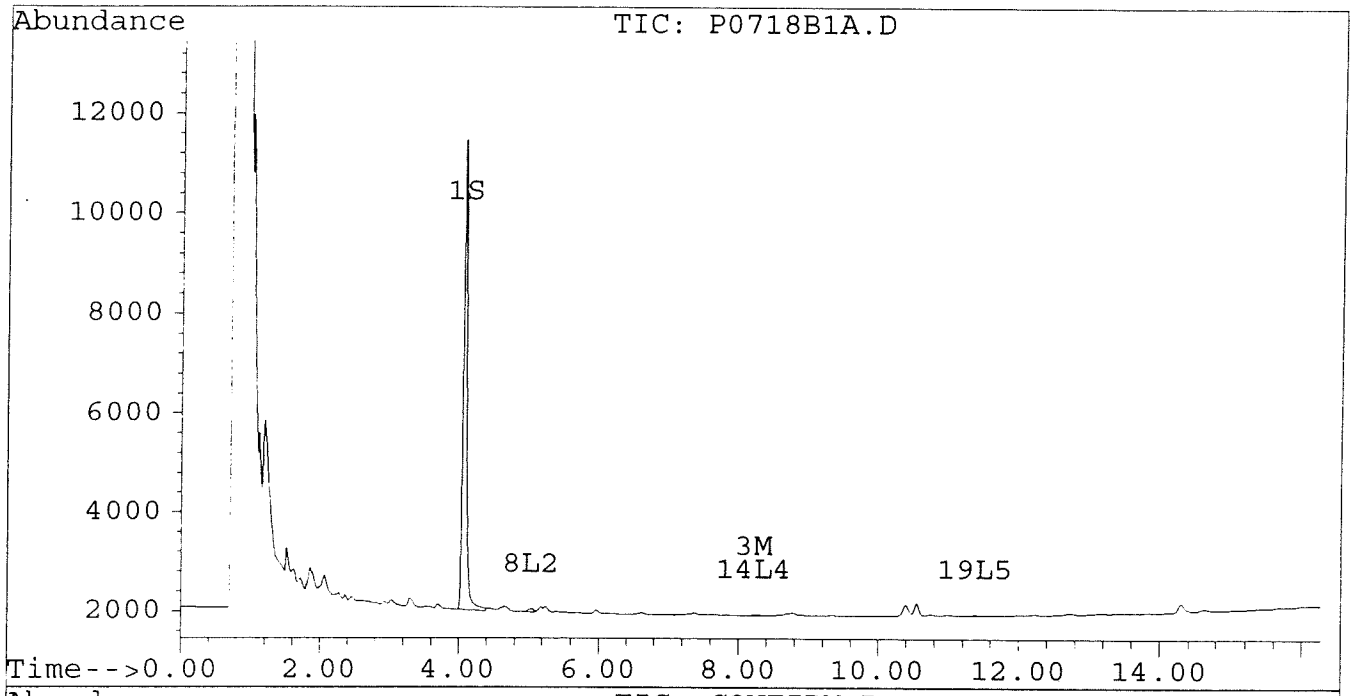
Quantitation Report

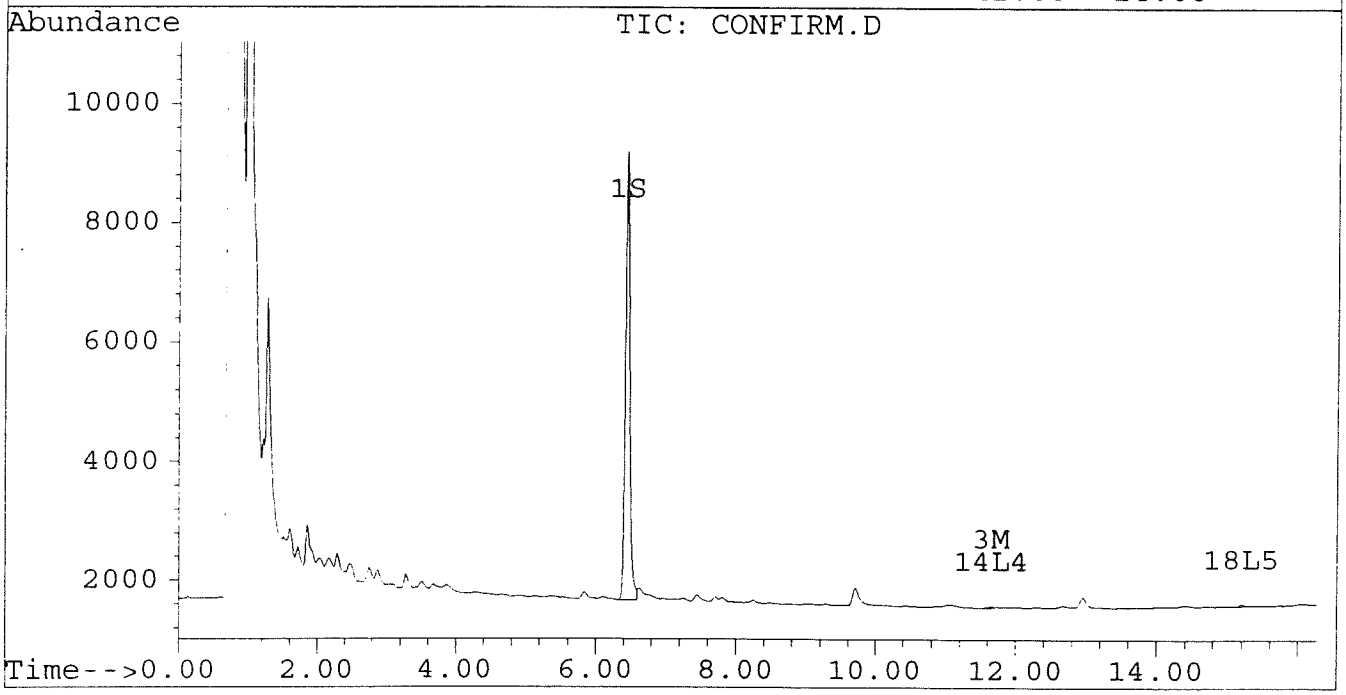
Signal #1 : D:\HPCHEM\5\JL25\P0718B1A.D
Signal #2 : D:\HPCHEM\5\JL25\P0718B1A.D\CONFIRM.D
Acq On : 26 Jul 96 10:36 PM
Sample : SOIL METHOD BLANK P0719-B1
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Aug 1 15:02 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





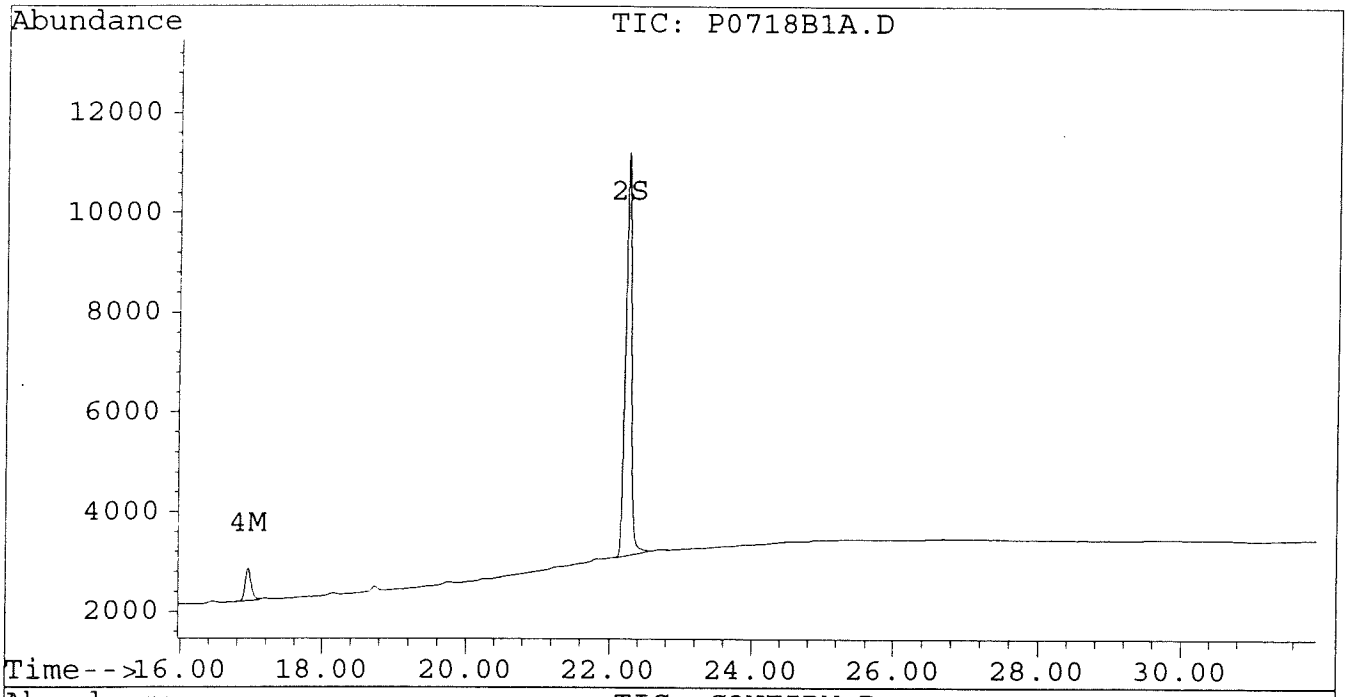
Quantitation Report

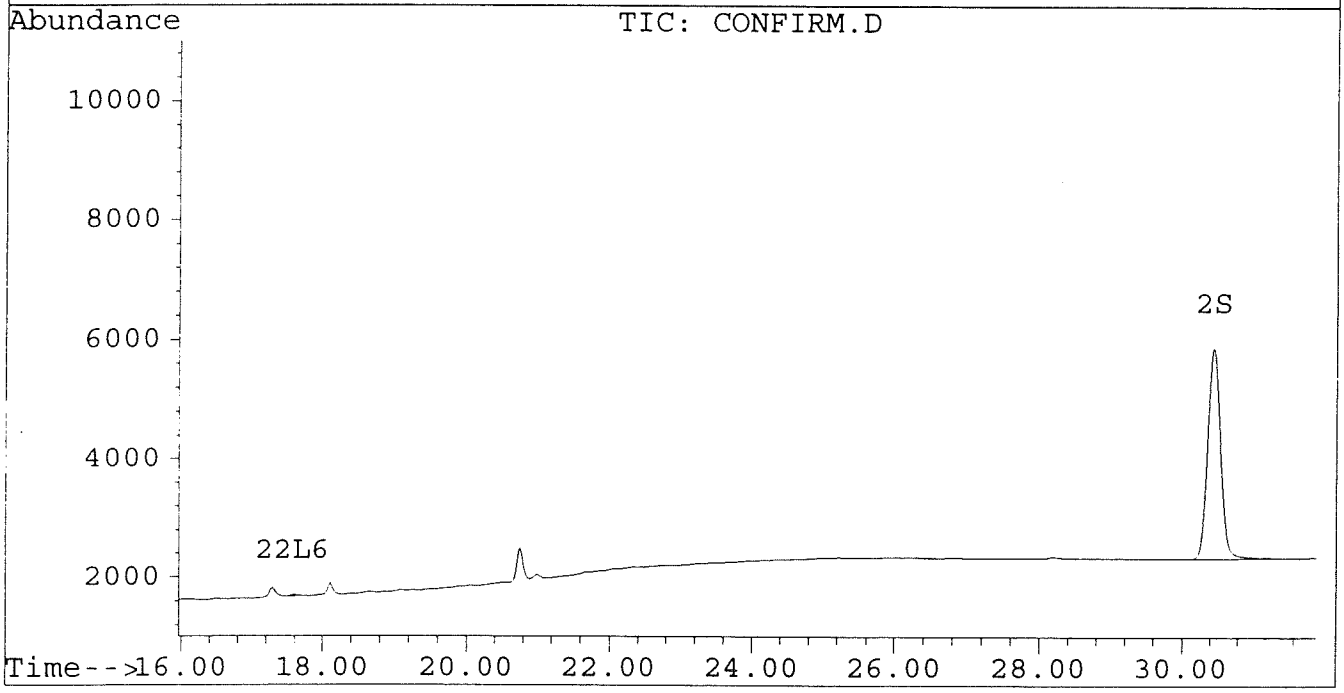
Signal #1 : D:\HPCHEM\5\JL25\P0718B1A.D
Signal #2 : D:\HPCHEM\5\JL25\P0718B1A.D\CONFIRM.D
Acq On : 26 Jul 96 10:36 PM
Sample : SOIL METHOD BLANK P0719-B1
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Aug 1 15:02 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\P0719-B2.D Vial: 16
Signal #2 : D:\HPCHEM\5\JL29A\P0719-B2.D\CONFIRM.D
Acq On : 30 Jul 96 06:07 AM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	8240	6555	0.037	0.038
				Recovery	=	92.50%	95.00%
2) S	Decachlorobiphenyl	22.23	30.44	7198	3042	0.037m	0.036
				Recovery	=	92.50%	90.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	11.66	0	14	N.D.	0.000 #
4) M	2,2',3,3',4,4'-Hexa	16.94	0.00	783	0	0.004	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}	9.34	0.00	18	0	0.001	N.D. #
Total	Aroclor-1016			18	0	0.001	N.D.
Average	Aroclor-1016					0.001	0.000
8) L2	Aroclor-1221	5.05	0.00	65	0	0.009	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			65	0	0.009	N.D.
Average	Aroclor-1221					0.009	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	11.66	0	14	N.D.	0.000 #
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	14	N.D.	0.000
Average	Aroclor-1242					0.000	0.000
17) L5	Aroclor-1248	9.34	0.00	18	0	0.001	N.D. #
18) L5	Aroclor-1248 {2}	0.00	15.20	0	17	N.D.	0.001 #
19) L5	Aroclor-1248 {3}	11.38	0.00	22	0	0.001	N.D. #
Total	Aroclor-1248			40	17	0.001	0.001
Average	Aroclor-1248					0.001	0.001

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\P0719-B2.D Vial: 16
Signal #2 : D:\HPCHEM\5\JL29A\P0719-B2.D\CONFIRM.D
Acq On : 30 Jul 96 06:07 AM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	0.00	245	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.

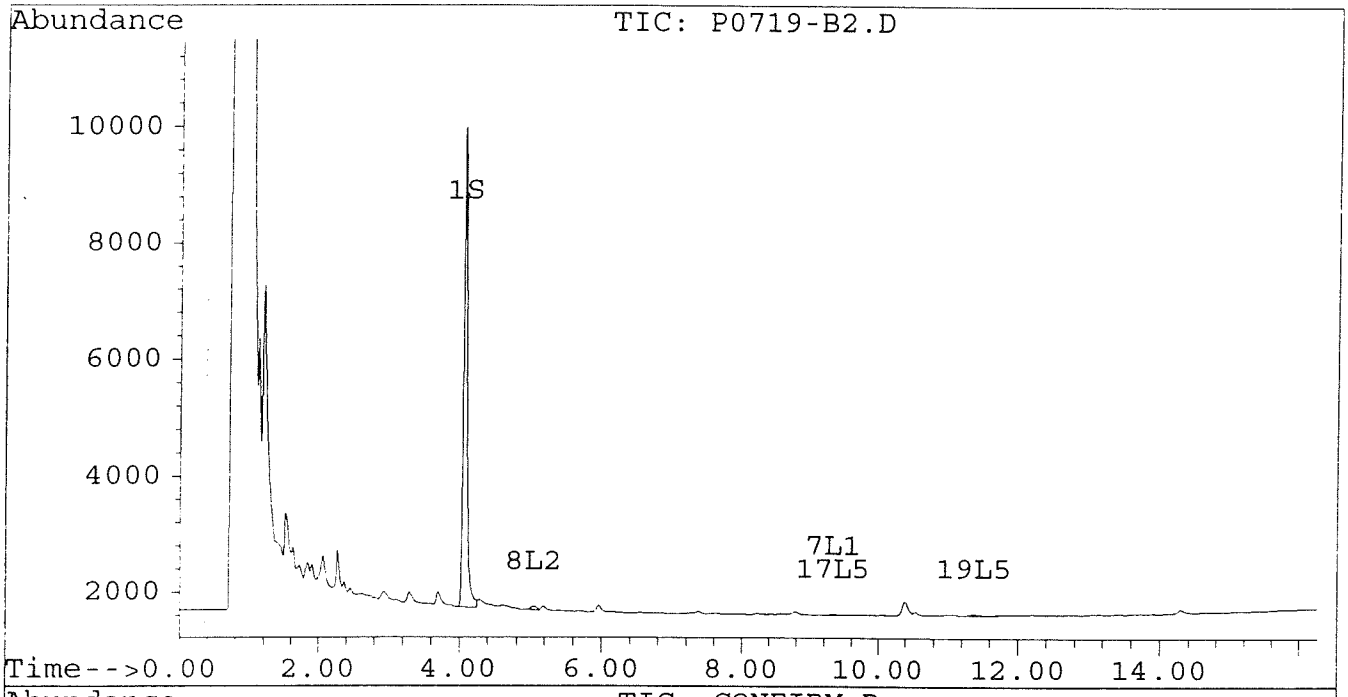
Quantitation Report

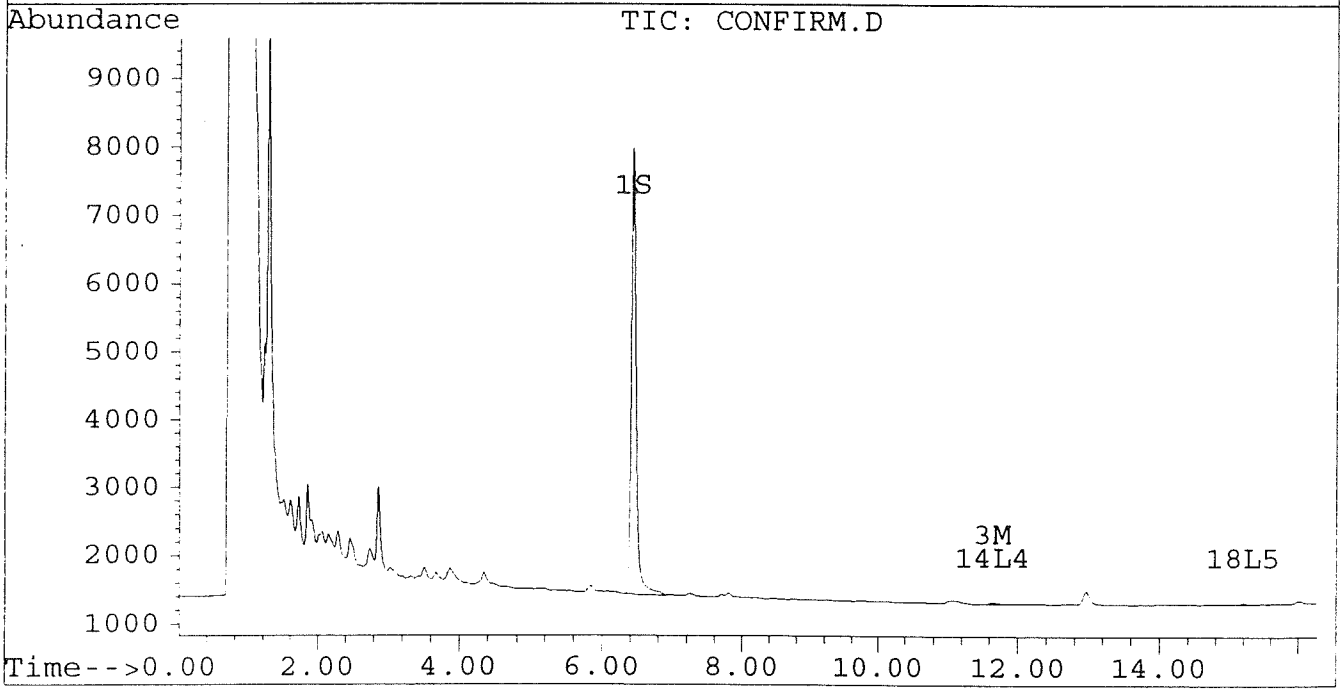
Signal #1 : D:\HPCHEM\5\JL29A\P0719-B2.D
Signal #2 : D:\HPCHEM\5\JL29A\P0719-B2.D\CONFIRM.D
Acq On : 30 Jul 96 06:07 AM
Sample : SOIL METHOD BLANK
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Aug 1 15:19 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



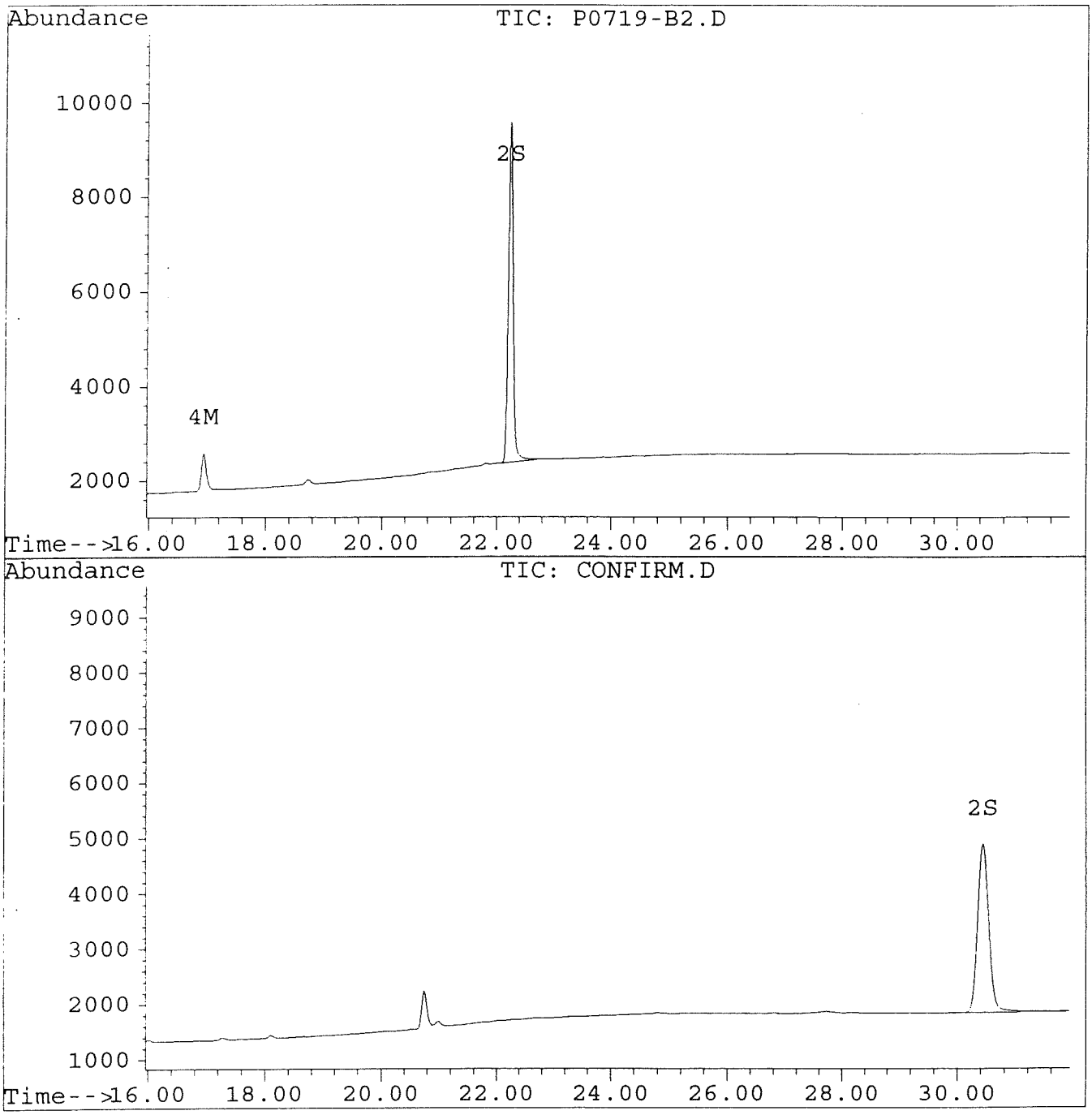


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\P0719-B2.D Vial: 16
Signal #2 : D:\HPCHEM\5\JL29A\P0719-B2.D\CONFIRM.D
Acq On : 30 Jul 96 06:07 AM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\AU1\P0722-B1.D
Signal #2 : D:\HPCHEM\5\AU1\P0722-B1.D\CONFIRM.D
Acq On : 01 Aug 96 06:58 PM
Sample : SOIL METHOD BLANK
Misc : 30.0G/5ML PCB ANALYSIS
Quant Time: Aug 1 19:43 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	6.41f	6656	6177	0.030m	0.036m
				Recovery	=	75.00%	90.00%
2) S	Decachlorobiphenyl	22.20	30.35f	7808	2818	0.040m	0.033m
				Recovery	=	100.00%	82.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.20	11.64	146	212	0.001	0.002 #
4) M	2,2',3,3',4,4'-Hexa	16.92	0.00	4672	0	0.026	N.D. #
5) L1	Aroclor-1016	6.79	0.00	157	0	0.005	N.D. #
6) L1	Aroclor-1016 {2}	8.98f	10.31	67	216	0.004	0.009 #
7) L1	Aroclor-1016 {3}	9.30	12.23	81	139	0.003	0.009 #
Total	Aroclor-1016			305	355	0.013	0.017
Average	Aroclor-1016					0.004	0.009
8) L2	Aroclor-1221	5.11	7.99	467	313	0.067	0.051
9) L2	Aroclor-1221 {2}	0.00	8.52f	0	317	N.D.	0.065 #
10) L2	Aroclor-1221 {3}	5.68	0.00	272	0	0.013	N.D. #
Total	Aroclor-1221			738	630	0.080	0.116
Average	Aroclor-1221					0.040	0.058
11) L3	Aroclor-1232	5.68	0.00	272	0	0.015	N.D. #
12) L3	Aroclor-1232 {2}	6.79	10.31	157	216	0.012	0.018 #
13) L3	Aroclor-1232 {3}	8.57f	12.23	69	139	0.008	0.020 #
Total	Aroclor-1232			497	355	0.035	0.038
Average	Aroclor-1232					0.012	0.019
14) L4	Aroclor-1242	8.20	11.64	146	212	0.004	0.007 #
15) L4	Aroclor-1242 {2}	8.98f	12.23	67	139	0.005	0.011 #
16) L4	Aroclor-1242 {3}	10.12f	13.98f	106	223	0.007	0.018 #
Total	Aroclor-1242			318	574	0.016	0.037
Average	Aroclor-1242					0.005	0.012
17) L5	Aroclor-1248	9.30	14.94	81	288	0.003	0.013 #
18) L5	Aroclor-1248 {2}	10.12f	15.15	106	314	0.004	0.014 #
19) L5	Aroclor-1248 {3}	0.00	16.15	0	114	N.D.	0.006 #
Total	Aroclor-1248			186	716	0.007	0.033
Average	Aroclor-1248					0.003	0.011

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\P0722-B1.D Vial: 35
Signal #2 : D:\HPCHEM\5\AU1\P0722-B1.D\CONFIRM.D
Acq On : 01 Aug 96 06:58 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/5ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 19:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	11.97	0.00	668	0	0.023	N.D. #
21) L6	Aroclor-1254 {2}	13.41	15.68	609	226	0.015	0.008 #
22) L6	Aroclor-1254 {3}	15.79	17.54f	1862	97	0.061	0.003 #
Total	Aroclor-1254			3140	323	0.099	0.011
Average	Aroclor-1254					0.033	0.006
23) L7	Aroclor-1260	13.90	18.17f	409	46	0.013	0.002 #
24) L7	Aroclor-1260 {2}	0.00	18.49f	0	65	N.D.	0.002 #
25) L7	Aroclor-1260 {3}	0.00	21.91	0	155	N.D.	0.003 #
Total	Aroclor-1260			409	267	0.013	0.007
Average	Aroclor-1260					0.013	0.002
26) L8	Aroclor-1268	0.00	23.31	0	154	N.D.	0.036 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	21.82	28.10	5065	246	NoCal	NoCal
Total	Aroclor-1268			0	154	N.D.	0.036
Average	Aroclor-1268					0.000	0.036

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\P0722-B1.D
Signal #2 : D:\HPCHEM\5\AU1\P0722-B1.D\CONFIRM.D
Acq On : 01 Aug 96 06:58 PM
Sample : SOIL METHOD BLANK
Misc : 30.0G/5ML PCB ANALYSIS
Quant Time: Aug 1 19:43 1996

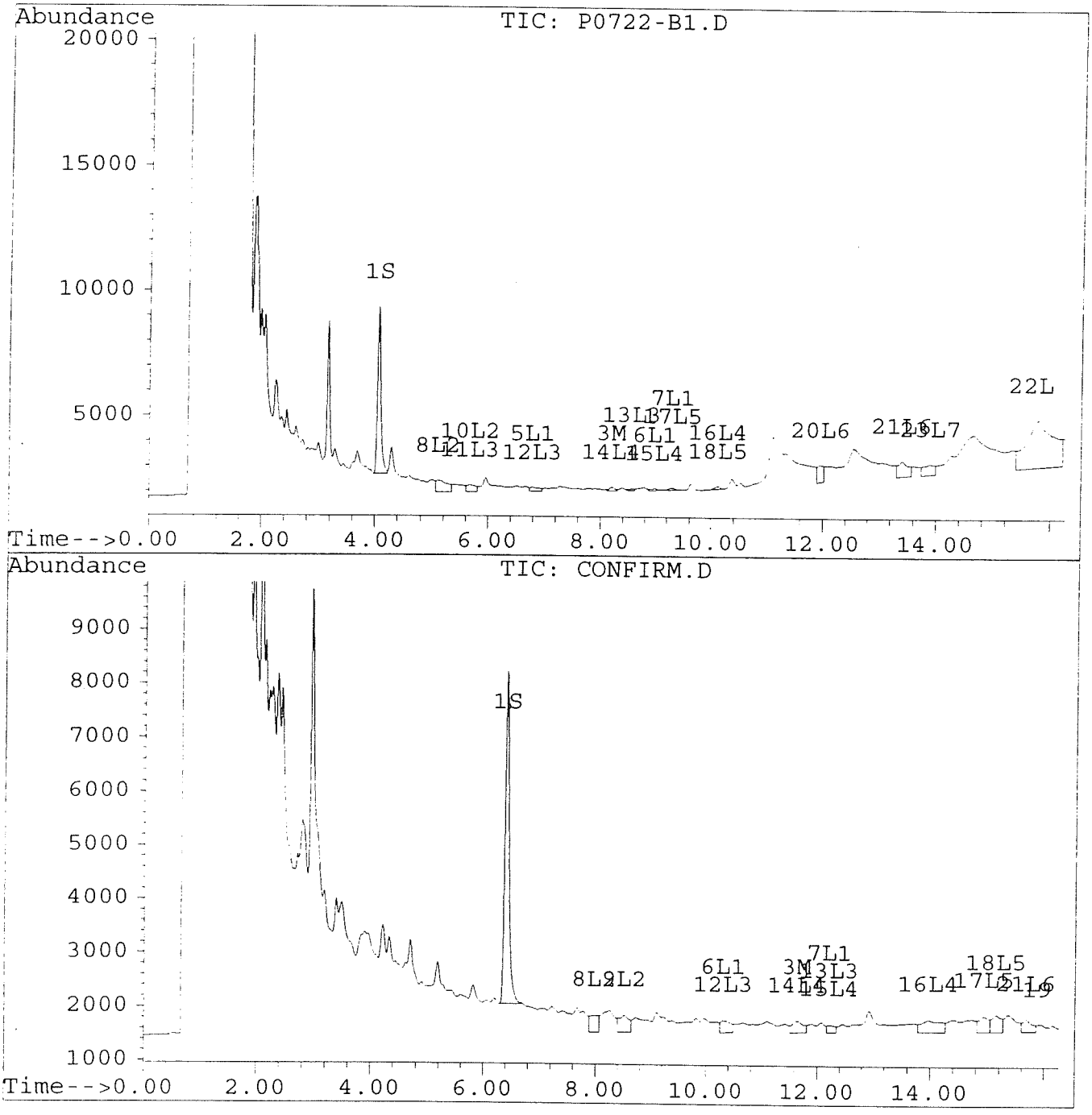
Vial: 35

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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



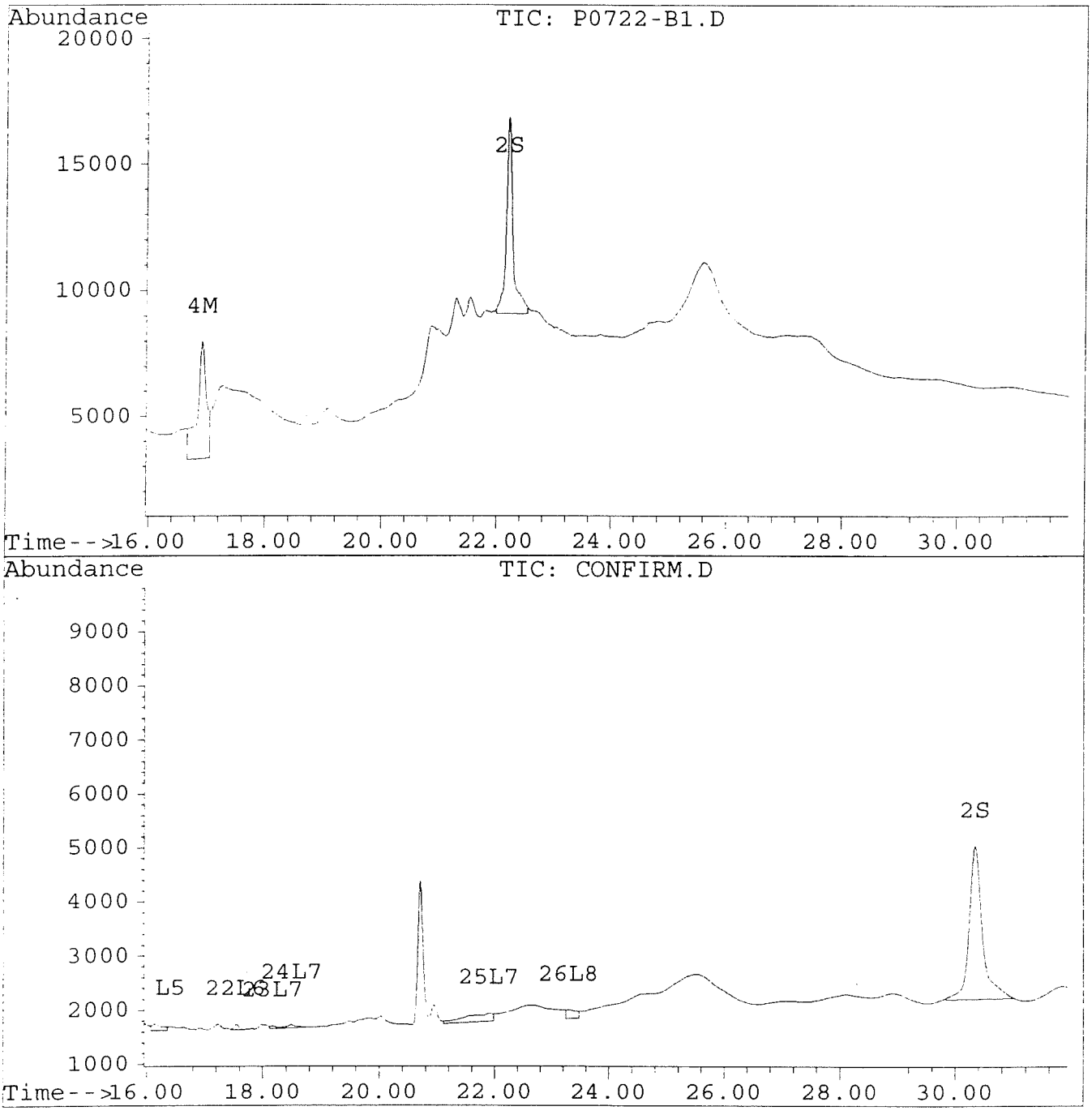
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\P0722-B1.D
Signal #2 : D:\HPCHEM\5\AU1\P0722-B1.D\CONFIRM.D
Acq On : 01 Aug 96 06:58 PM
Sample : SOIL METHOD BLANK
Misc : 30.0G/5ML PCB ANALYSIS
Quant Time: Aug 1 19:43 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\P0724-B3.D
Signal #2 : D:\HPCHEM\5\JL29A\P0724-B3.D\CONFIRM.D
Acq On : 30 Jul 96 05:31 AM
Sample : AQUEOUS METHOD BLANK
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Aug 1 17:42 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.44	6969	5662	0.031	0.033
				Recovery	=	77.50%	82.50%
2) S	Decachlorobiphenyl	22.23	30.45	5256	2215	0.027m	0.026
				Recovery	=	67.50%	65.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4) M	2,2',3,3',4,4'-Hexa	16.94	0.00	860	0	0.005	N.D. #
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	9.36	0.00	34	0	0.001	N.D. #
Total	Aroclor-1016			34	0	0.001	N.D.
Average	Aroclor-1016					0.001	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.70	0.00	20	0	0.001	N.D. #
Total	Aroclor-1221			20	0	0.001	N.D.
Average	Aroclor-1221					0.001	0.000
11) L3	Aroclor-1232	5.70	0.00	20	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}	8.57f	0.00	52	0	0.006	N.D. #
Total	Aroclor-1232			72	0	0.007	N.D.
Average	Aroclor-1232					0.004	0.000
14) L4	Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4	Aroclor-1242 {3}	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	9.36	0.00	34	0	0.001	N.D. #
18) L5	Aroclor-1248 {2}	0.00	15.21	0	35	N.D.	0.002 #
19) L5	Aroclor-1248 {3}	11.42	0.00	61	0	0.002	N.D. #
Total	Aroclor-1248			95	35	0.003	0.002
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\JL29A\P0724-B3.D Vial: 15
Signal #2 : D:\HPCHEM\5\JL29A\P0724-B3.D\CONFIRM.D
Acq On : 30 Jul 96 05:31 AM Operator: JS
Sample : AQUEOUS METHOD BLANK Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	0.00	200	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\JL29A\P0724-B3.D
Signal #2 : D:\HPCHEM\5\JL29A\P0724-B3.D\CONFIRM.D
Acq On : 30 Jul 96 05:31 AM
Sample : AQUEOUS METHOD BLANK
Misc : 1L/10ML PCB ANALYSIS
Quant Time: Aug 1 17:42 1996

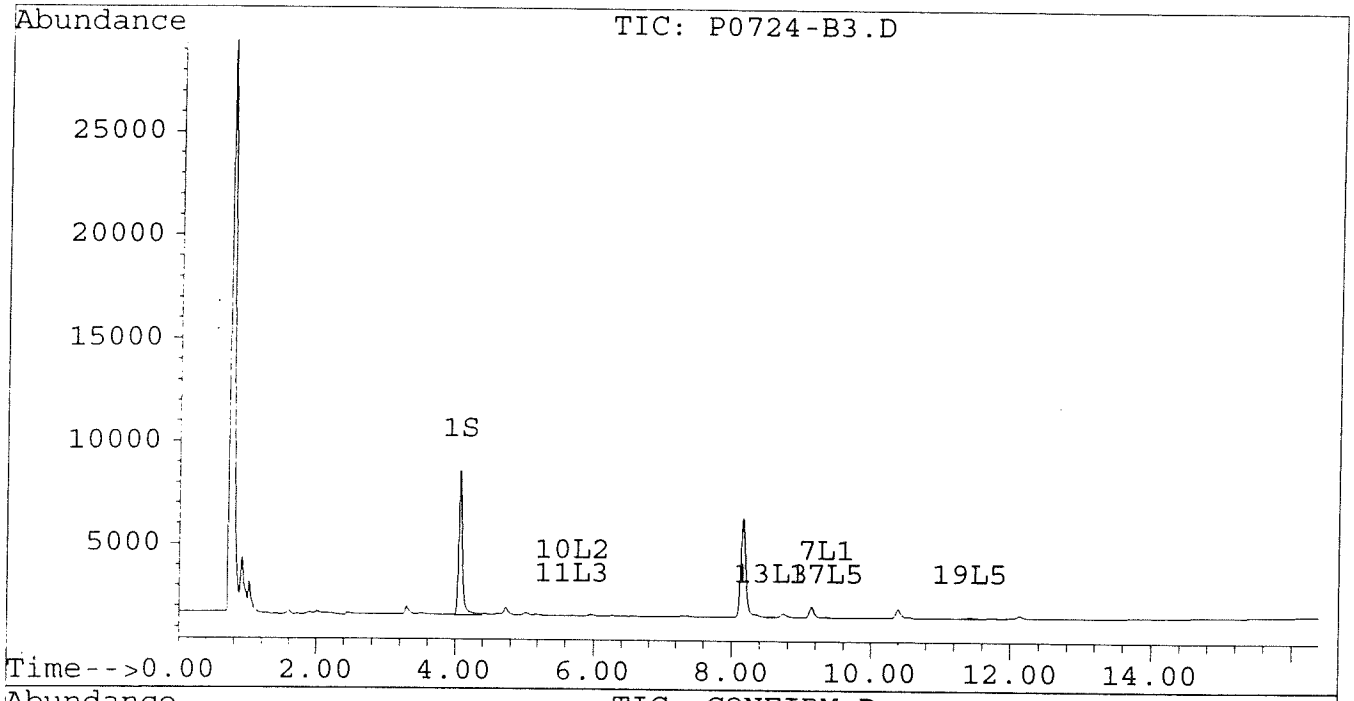
Vial: 15

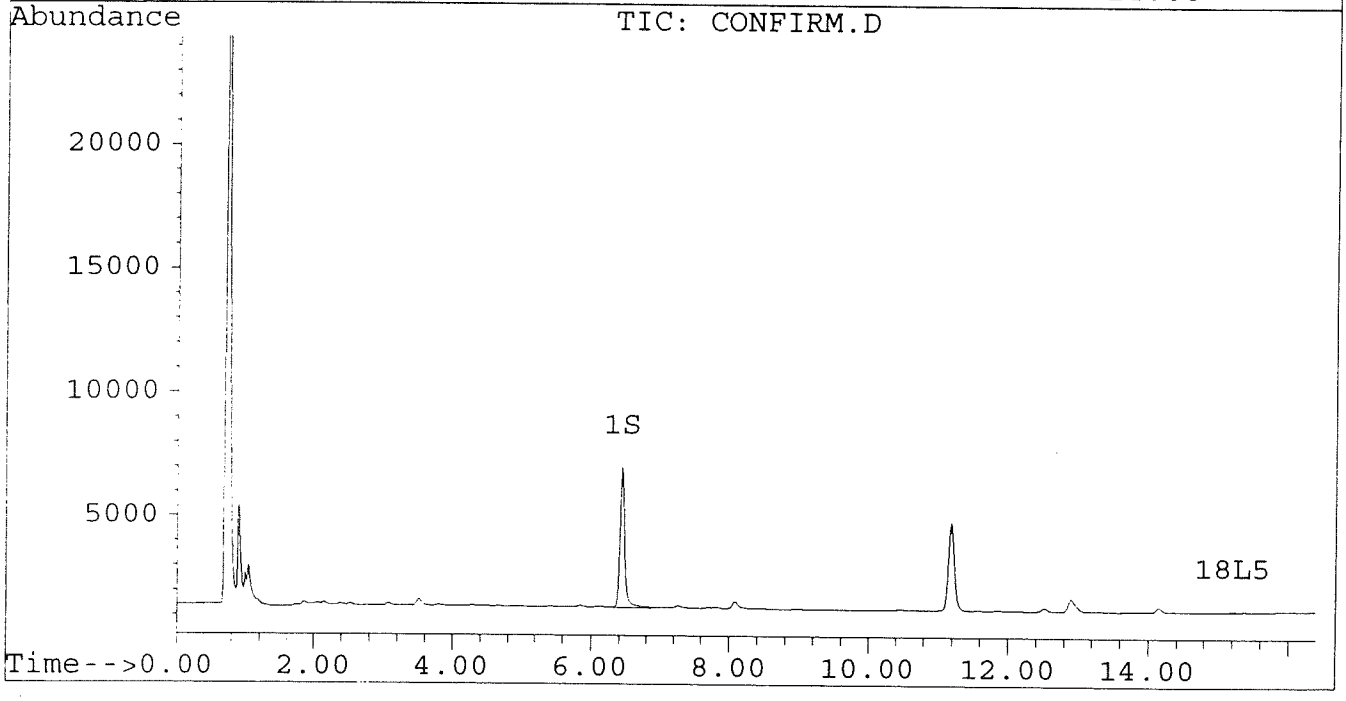
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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



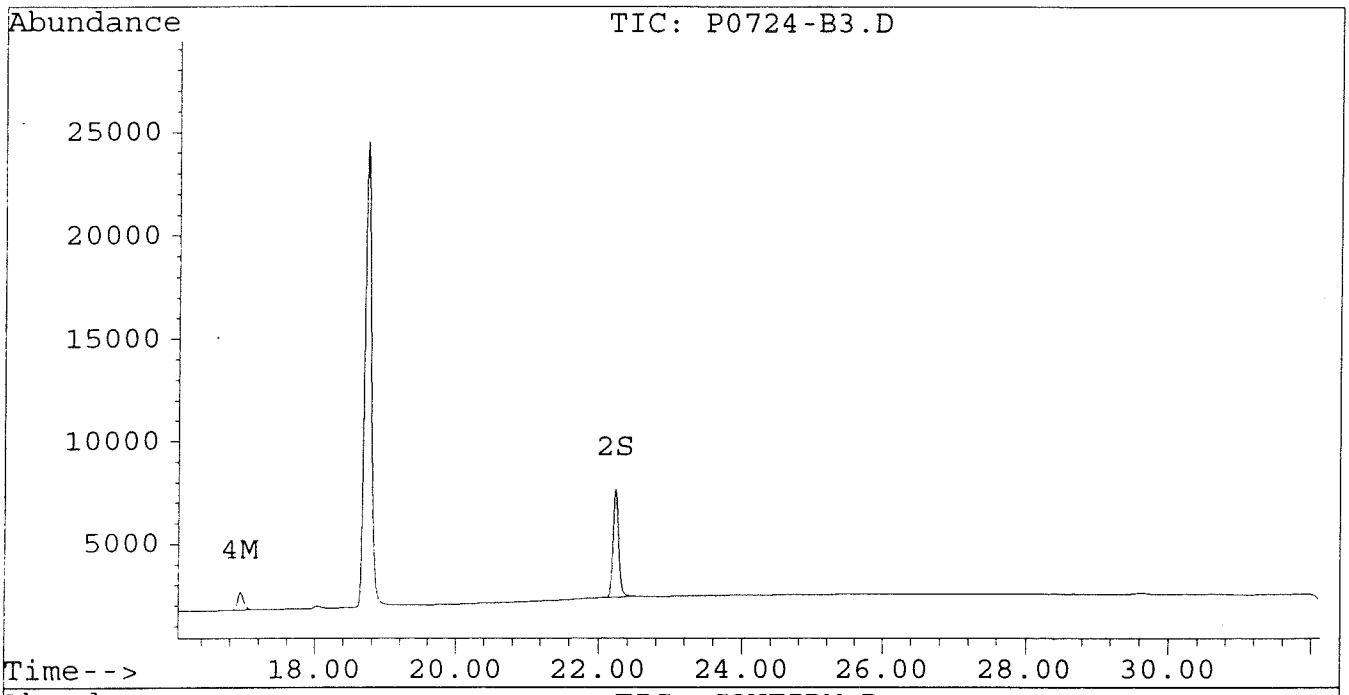


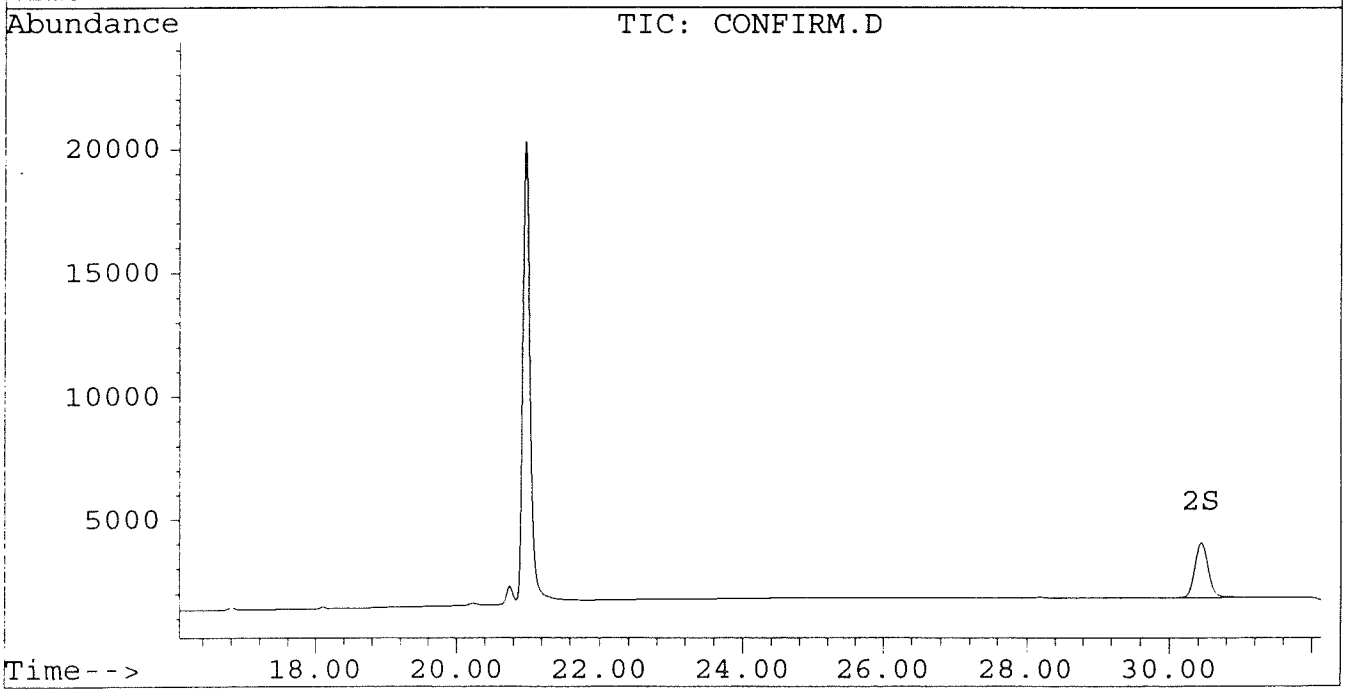
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\P0724-B3.D Vial: 15
Signal #2 : D:\HPCHEM\5\JL29A\P0724-B3.D\CONFIRM.D
Acq On : 30 Jul 96 05:31 AM Operator: JS
Sample : AQUEOUS METHOD BLANK Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\P5LVL1\P0715-L1.D Vial: 51
Signal #2 : D:\HPCHEM\5\P5LVL1\P0715-L1.D\CONFIRM.D
Acq On : 18 Jul 96 03:29 AM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 18 16:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.43	10412	7854	0.047	0.045
					Recovery	=	117.50%	112.50%
2)	S	Decachlorobiphenyl	22.24	30.44	8748	3654	0.045m	0.043
					Recovery	=	112.50%	107.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.66	144	110	0.002	0.001
4)	M	2,2',3,3',4,4'-Hexa	16.95	0.00	9814	0	0.127	N.D. #
5)	L1	Aroclor-1016	6.81	8.80	109	62	0.004	0.005 #
6)	L1	Aroclor-1016 {2}	8.94	10.33	46	93	0.003	0.004 #
7)	L1	Aroclor-1016 {3}	9.30f	12.26	358	43	0.015	0.003 #
	Total	Aroclor-1016			513	198	0.021	0.011
Average		Aroclor-1016					0.007	0.004
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	5.68	8.80	69	62	0.003	0.004
	Total	Aroclor-1221			69	62	0.003	0.004
Average		Aroclor-1221					0.003	0.004
11)	L3	Aroclor-1232	5.68	8.80	69	62	0.004	0.004
12)	L3	Aroclor-1232 {2}	6.81	10.33	109	93	0.008	0.008
13)	L3	Aroclor-1232 {3}	8.61	12.26	66	43	0.008	0.006
	Total	Aroclor-1232			244	198	0.020	0.018
Average		Aroclor-1232					0.007	0.006
14)	L4	Aroclor-1242	8.22	11.66	144	110	0.004	0.004
15)	L4	Aroclor-1242 {2}	8.94	12.26	46	43	0.004	0.003
16)	L4	Aroclor-1242 {3}	10.08	14.02	78	54	0.005	0.004
	Total	Aroclor-1242			267	208	0.012	0.012
Average		Aroclor-1242					0.004	0.004
17)	L5	Aroclor-1248	9.30	14.97	358	63	0.012	0.003 #
18)	L5	Aroclor-1248 {2}	10.08	15.18	78	56	0.003	0.002
19)	L5	Aroclor-1248 {3}	11.35f	16.19	3511	43	0.103	0.002 #
	Total	Aroclor-1248			3946	162	0.118	0.008
Average		Aroclor-1248					0.039	0.003

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\P0715-L1.D Vial: 51
Signal #2 : D:\HPCHEM\5\P5LVL1\P0715-L1.D\CONFIRM.D
Acq On : 18 Jul 96 03:29 AM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 18 16:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	4412	3463	0.150	0.143
21) L6	Aroclor-1254 {2}	13.44	15.72	6688	3980	0.163	0.149
22) L6	Aroclor-1254 {3}	15.82	17.56	12581	5931	0.413	0.159 #
Total	Aroclor-1254			23681	13374	0.726	0.451
Average	Aroclor-1254					0.242	0.150
23) L7	Aroclor-1260	13.93	18.21	11291	10000	0.358	0.354
24) L7	Aroclor-1260 {2}	14.71	18.52	13223	11633	0.358	0.358
25) L7	Aroclor-1260 {3}	17.92	21.94	19171	17809	0.370	0.367
Total	Aroclor-1260			43685	39442	1.085	1.079
Average	Aroclor-1260					0.362	0.360
26) L8	Aroclor-1268	18.86	0.00	3888	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	12903	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.81	0.00	1792	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

1089

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

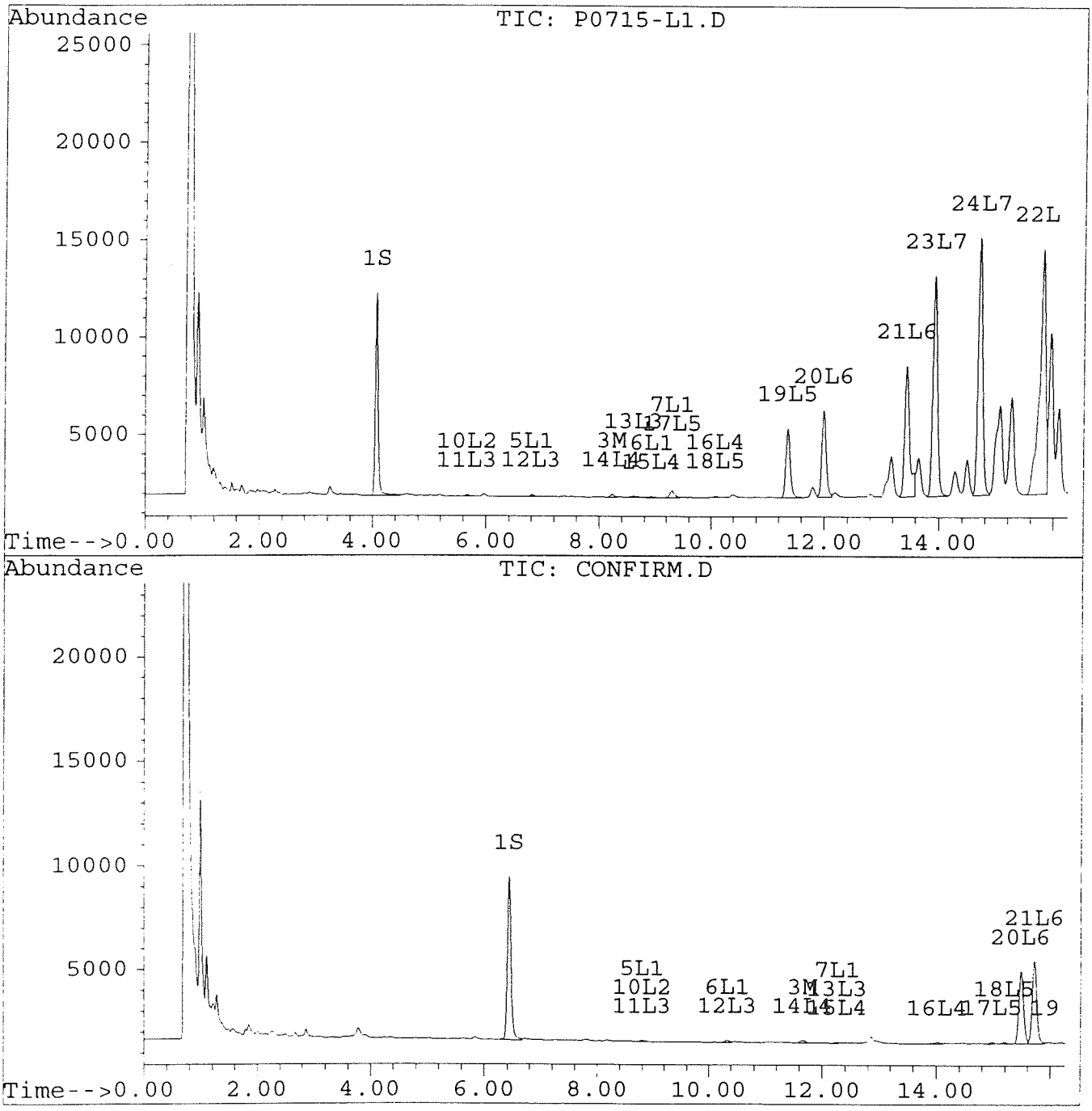
Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\P0715-L1.D
Signal #2 : D:\HPCHEM\5\P5LVL1\P0715-L1.D\CONFIRM.D
Acq On : 18 Jul 96 03:29 AM
Sample : SOIL LAB CONTROL SAMPLE
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Jul 18 16:29 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

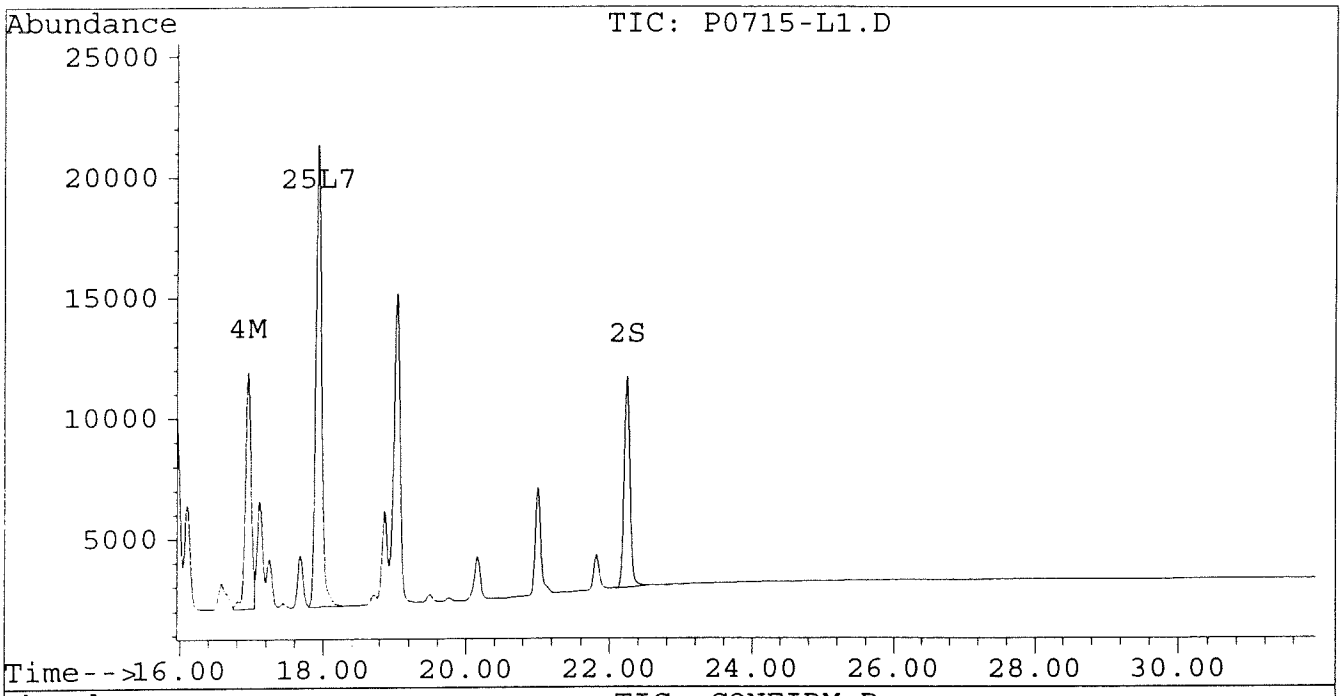


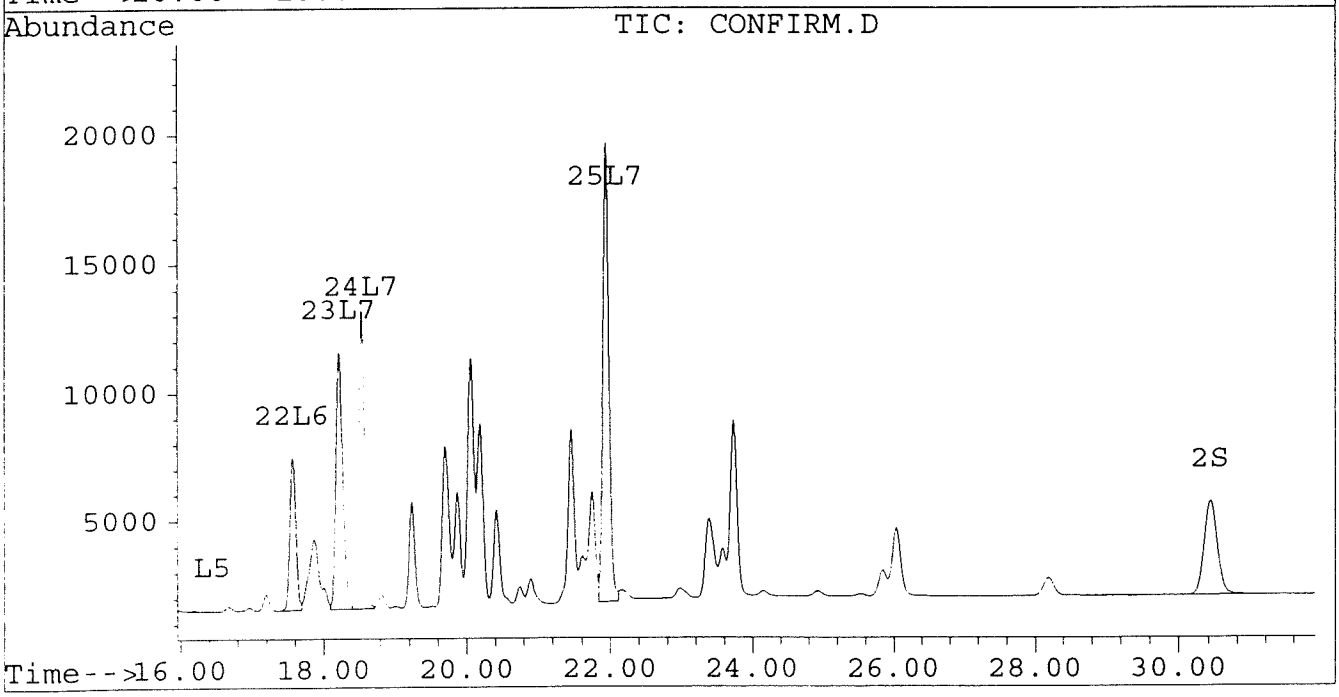
Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\P0715-L1.D Vial: 51
Signal #2 : D:\HPCHEM\5\P5LVL1\P0715-L1.D\CONFIRM.D
Acq On : 18 Jul 96 03:29 AM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 18 16:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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 P0719-LCS1

Signal #1 : D:\HPCHEM\5\JL25\P0718L1A.D
Signal #2 : D:\HPCHEM\5\JL25\P0718L1A.D\CONFIRM.D
Acq On : 26 Jul 96 11:11 PM
Sample : SOIL LAB CONTROL SAMPLE P0719-LCS1
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Aug 1 15:07 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.44	8556	6948	0.038	0.040
				Recovery	=	95.00%	100.00%
2) S	Decachlorobiphenyl	22.23	30.45	7335	3257	0.037m	0.038
				Recovery	=	92.50%	95.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.68	22897	20550	0.206	0.217
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	183983	31093	1.026	0.225
5) L1	Aroclor-1016	6.81	0.00	82	0	0.003	N.D. #
6) L1	Aroclor-1016 {2}	8.94	10.34	101	79	0.006	0.003 #
7) L1	Aroclor-1016 {3}	9.31	0.00	285	0	0.012	N.D. #
Total	Aroclor-1016			467	79	0.021	0.003
Average	Aroclor-1016					0.007	0.003
8) L2	Aroclor-1221	5.05	8.01	88	34	0.013	0.006 #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.69	0.00	37	0	0.002	N.D. #
Total	Aroclor-1221			125	34	0.014	0.006
Average	Aroclor-1221					0.007	0.006
11) L3	Aroclor-1232	5.69	0.00	37	0	0.002	N.D. #
12) L3	Aroclor-1232 {2}	6.81	10.34	82	79	0.006	0.007
13) L3	Aroclor-1232 {3}	8.59	0.00	122	0	0.015	N.D. #
Total	Aroclor-1232			241	79	0.023	0.007
Average	Aroclor-1232					0.008	0.007
14) L4	Aroclor-1242	8.22	11.68	22897	20550	0.562	0.711 #
15) L4	Aroclor-1242 {2}	8.94	0.00	101	0	0.008	N.D. #
16) L4	Aroclor-1242 {3}	10.08	14.02	186	162	0.011	0.013
Total	Aroclor-1242			23183	20712	0.582	0.725
Average	Aroclor-1242					0.194	0.362
17) L5	Aroclor-1248	9.31	14.97	285	160	0.009	0.007
18) L5	Aroclor-1248 {2}	10.08	15.19	186	135	0.007	0.006
19) L5	Aroclor-1248 {3}	11.37	16.20	355	79	0.010	0.005 #
Total	Aroclor-1248			825	374	0.027	0.018
Average	Aroclor-1248					0.009	0.006

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\P0718L1A.D Vial: 44
Signal #2 : D:\HPCHEM\5\JL25\P0718L1A.D\CONFIRM.D
Acq On : 26 Jul 96 11:11 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE P0719-LCS1 Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 15:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.49	281	229	0.010	0.009	
21) L6	Aroclor-1254 {2}	13.43	15.73	361	267	0.009	0.010	
22) L6	Aroclor-1254 {3}	15.82	17.58	264	356	0.009	0.010	
Total	Aroclor-1254			906	853	0.027	0.029	
Average	Aroclor-1254					0.009	0.010	
23) L7	Aroclor-1260	13.92	18.22	274	150	0.009	0.005	#
24) L7	Aroclor-1260 {2}	14.71	18.53	176	149	0.005	0.005	
25) L7	Aroclor-1260 {3}	17.92	21.95	172	396	0.003	0.008	#
Total	Aroclor-1260			622	695	0.017	0.018	
Average	Aroclor-1260					0.006	0.006	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	19.03	0.00	58	0	NoCal	N.D.	
28) L8	Aroclor-1268 {3}	21.82	0.00	188	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\JL25\P0718L1A.D
Signal #2 : D:\HPCHEM\5\JL25\P0718L1A.D\CONFIRM.D
Acq On : 26 Jul 96 11:11 PM
Sample : SOIL LAB CONTROL SAMPLE P0719-LCS1
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Aug 1 15:07 1996

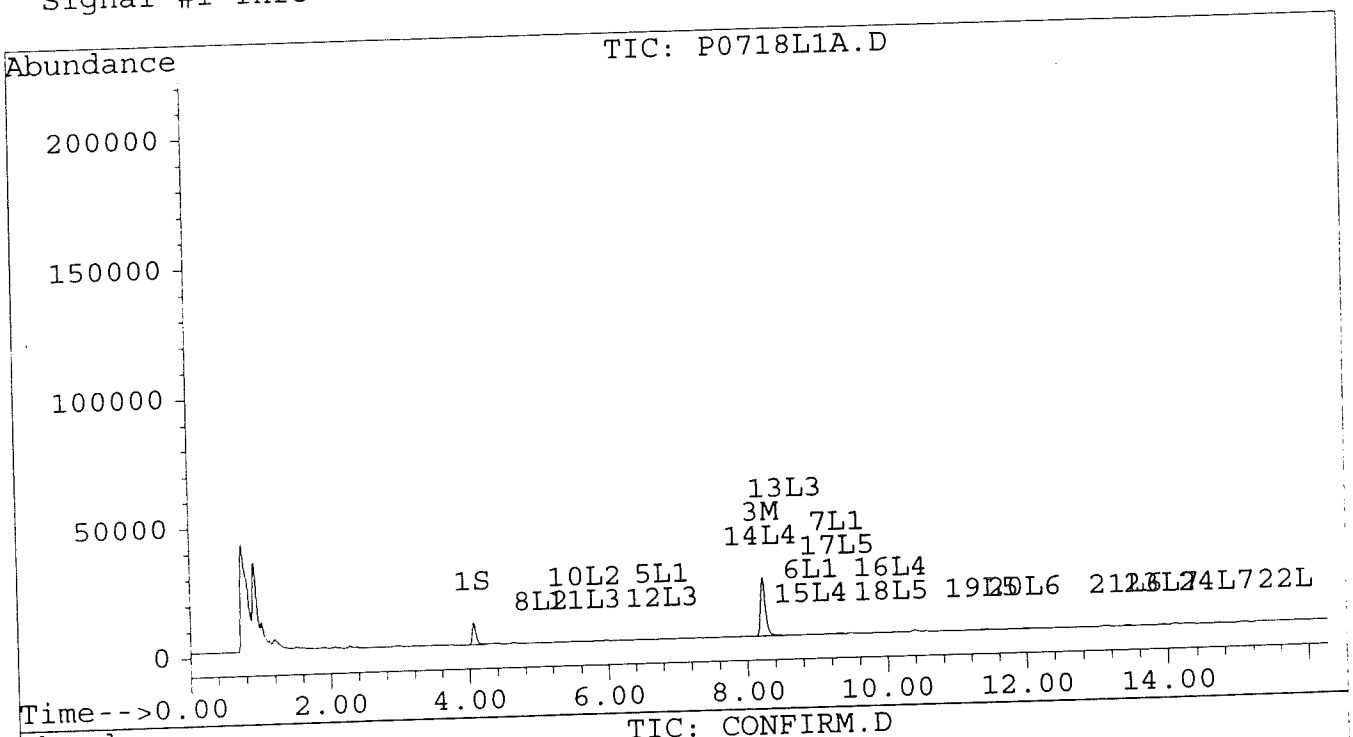
Vial: 44

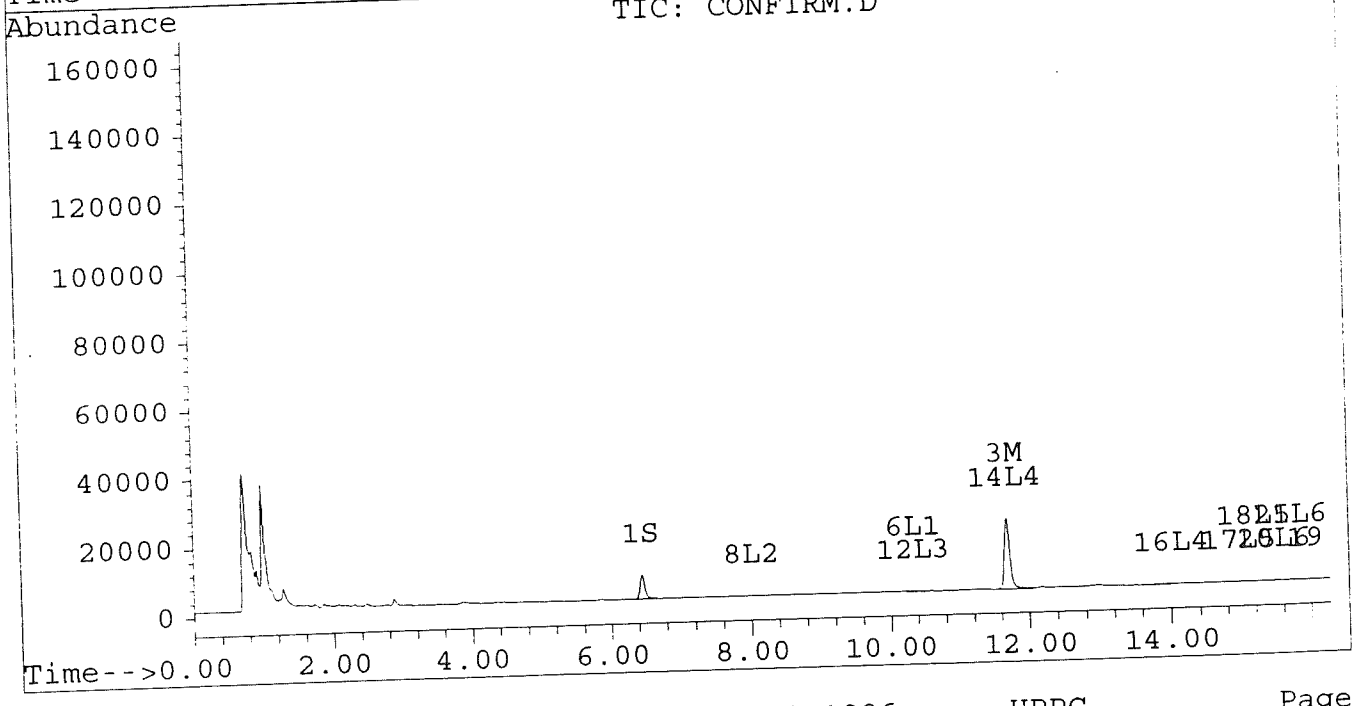
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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





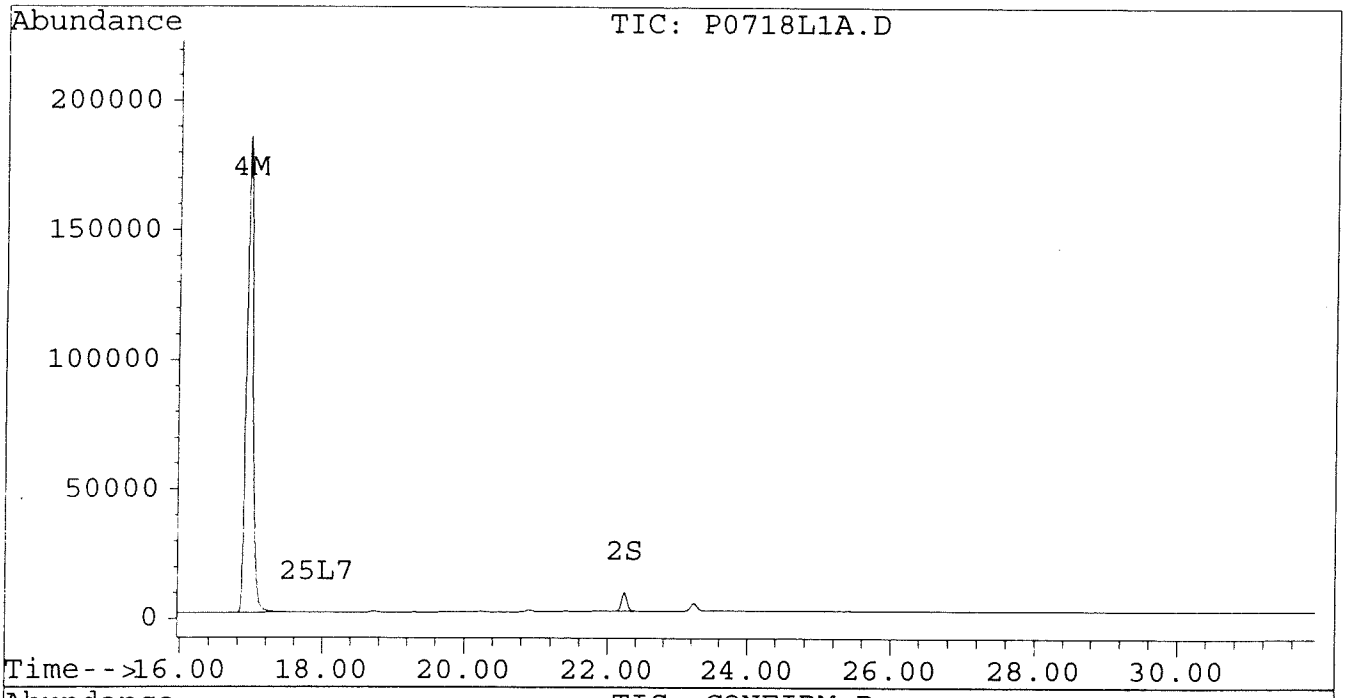
Quantitation Report

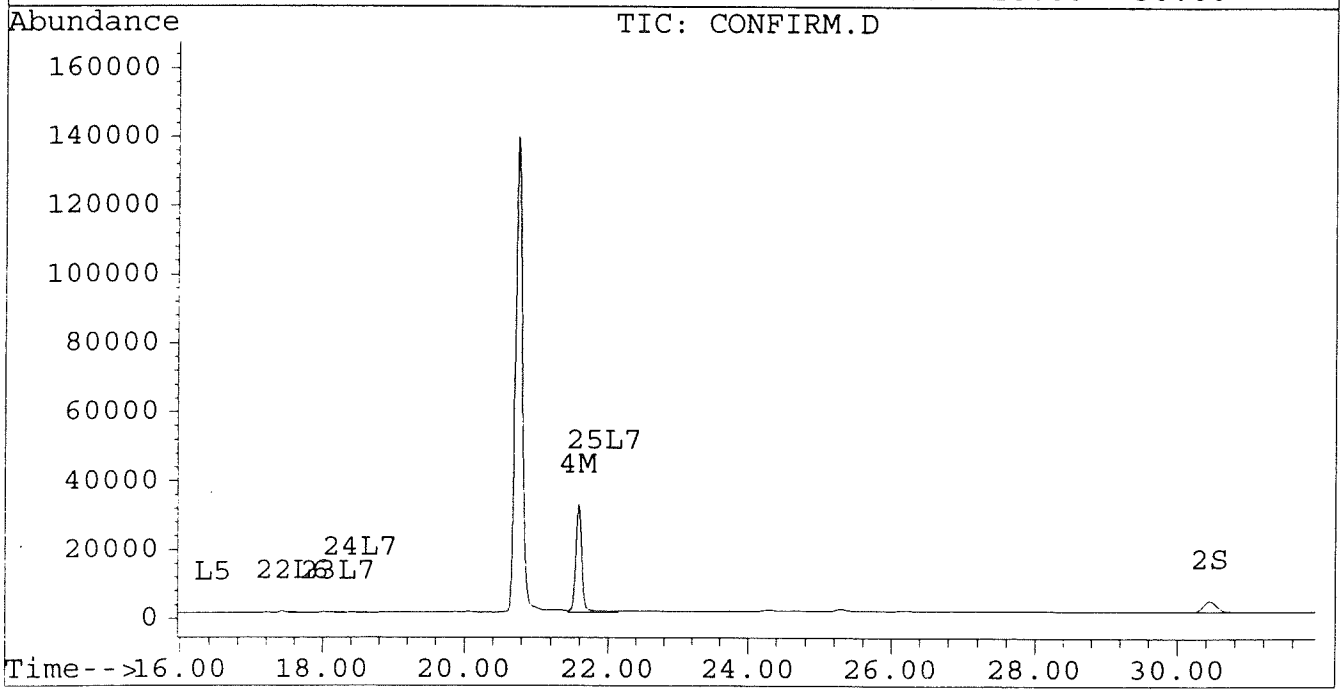
Signal #1 : D:\HPCHEM\5\JL25\P0718L1A.D
Signal #2 : D:\HPCHEM\5\JL25\P0718L1A.D\CONFIRM.D
Acq On : 26 Jul 96 11:11 PM
Sample : SOIL LAB CONTROL SAMPLE P0719-LCS1
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Aug 1 15:07 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\P0719-L2.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL29A\P0719-L2.D\CONFIRM.D
Acq On : 30 Jul 96 01:58 AM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 30 2:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	7143	5698	0.032	0.033
				Recovery	=	80.00%	82.50%
2) S	Decachlorobiphenyl	22.23	30.45	6616	2666	0.034	0.031
				Recovery	=	85.00%	77.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.68	18145	16146	0.163	0.171
4) M	2,2',3,3',4,4'-Hexa	16.94	21.58	135230	26957	0.754	0.195 #
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	10.38f	0	32	N.D.	0.001 #
7) L1	Aroclor-1016 {3}	9.34	0.00	35	0	0.001	N.D. #
Total	Aroclor-1016			35	32	0.001	0.001
Average	Aroclor-1016					0.001	0.001
8) L2	Aroclor-1221	5.03f	0.00	199	0	0.028	N.D. #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.69	8.75f	87	34	0.004	0.002 #
Total	Aroclor-1221			286	34	0.033	0.002
Average	Aroclor-1221					0.016	0.002
11) L3	Aroclor-1232	5.69	8.75f	87	34	0.005	0.002 #
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			87	34	0.005	0.002
Average	Aroclor-1232					0.005	0.002
14) L4	Aroclor-1242	8.22	11.68	18145	16146	0.445	0.559 #
15) L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16) L4	Aroclor-1242 {3}	10.05	13.98	24	17	0.002	0.001
Total	Aroclor-1242			18170	16164	0.447	0.560
Average	Aroclor-1242					0.223	0.280
17) L5	Aroclor-1248	9.34	0.00	35	0	0.001	N.D. #
18) L5	Aroclor-1248 {2}	10.05	15.20	24	36	0.001	0.002 #
19) L5	Aroclor-1248 {3}	11.39	16.21	36	14	0.001	0.001
Total	Aroclor-1248			95	50	0.003	0.002
Average	Aroclor-1248					0.001	0.001

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\P0719-L2.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL29A\P0719-L2.D\CONFIRM.D
Acq On : 30 Jul 96 01:58 AM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 30 2:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	0.00	15	0	0.001	N.D. #
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	15.85	0.00	18	0	0.001	N.D. #
Total Aroclor-1254			33	0	0.001	N.D.
Average Aroclor-1254					0.001	0.000
23) L7 Aroclor-1260	13.91	18.26f	90	32	0.003	0.001 #
24) L7 Aroclor-1260 {2}	14.71	0.00	15	0	0.000	N.D. #
25) L7 Aroclor-1260 {3}	17.94	0.00	174	0	0.003	N.D. #
Total Aroclor-1260			279	32	0.007	0.001
Average Aroclor-1260					0.002	0.001
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	66	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	265	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.

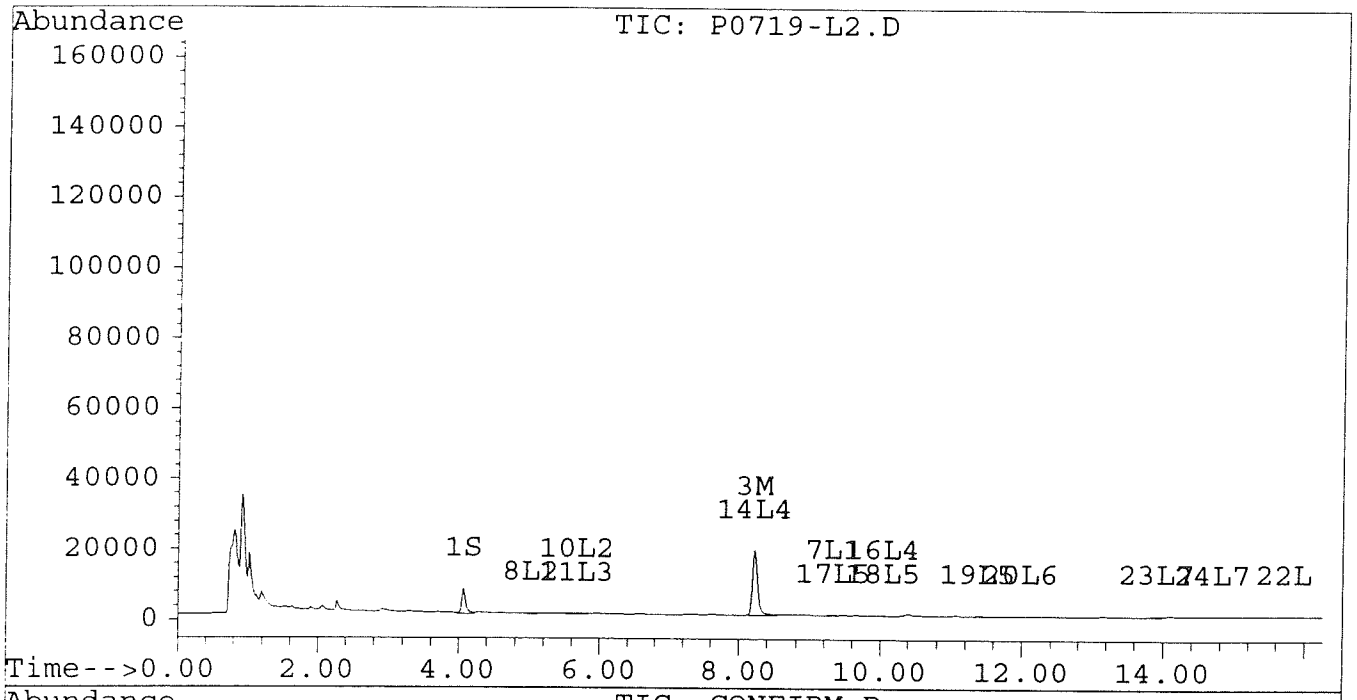
Quantitation Report

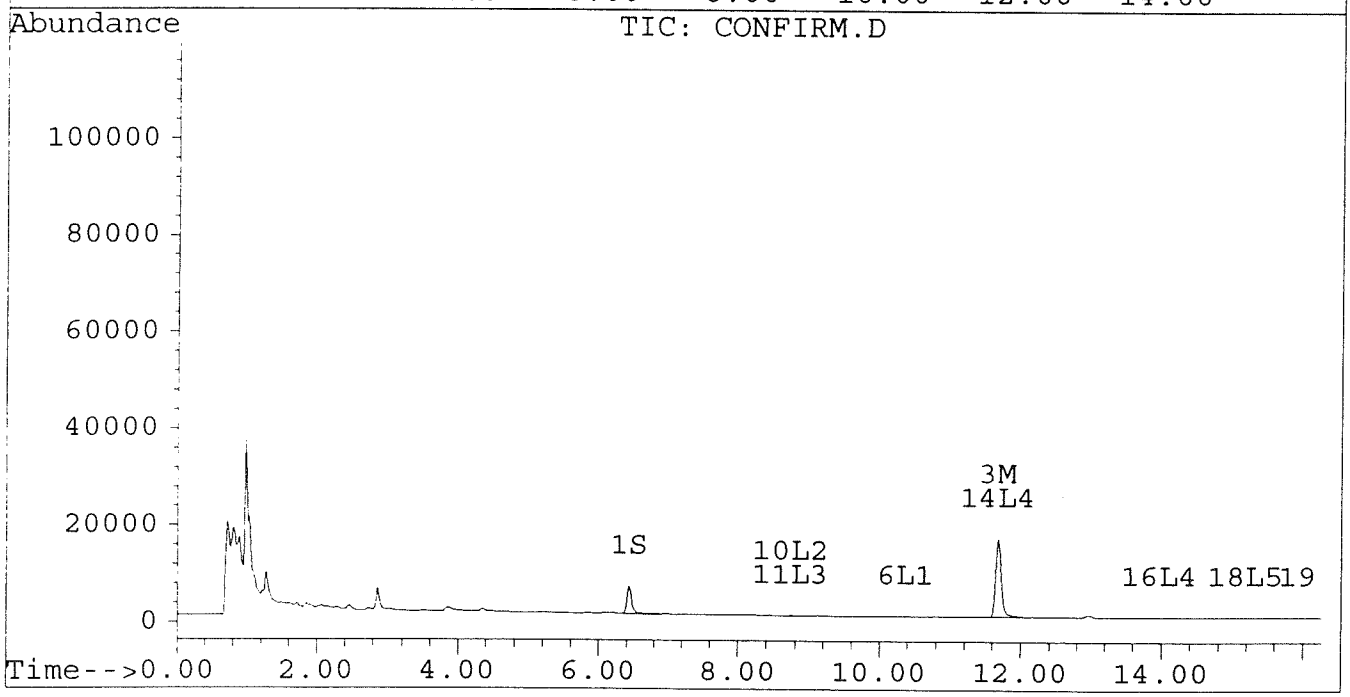
Signal #1 : D:\HPCHEM\5\JL29A\P0719-L2.D
Signal #2 : D:\HPCHEM\5\JL29A\P0719-L2.D\CONFIRM.D
Acq On : 30 Jul 96 01:58 AM
Sample : SOIL LAB CONTROL SAMPLE
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Jul 30 2:32 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



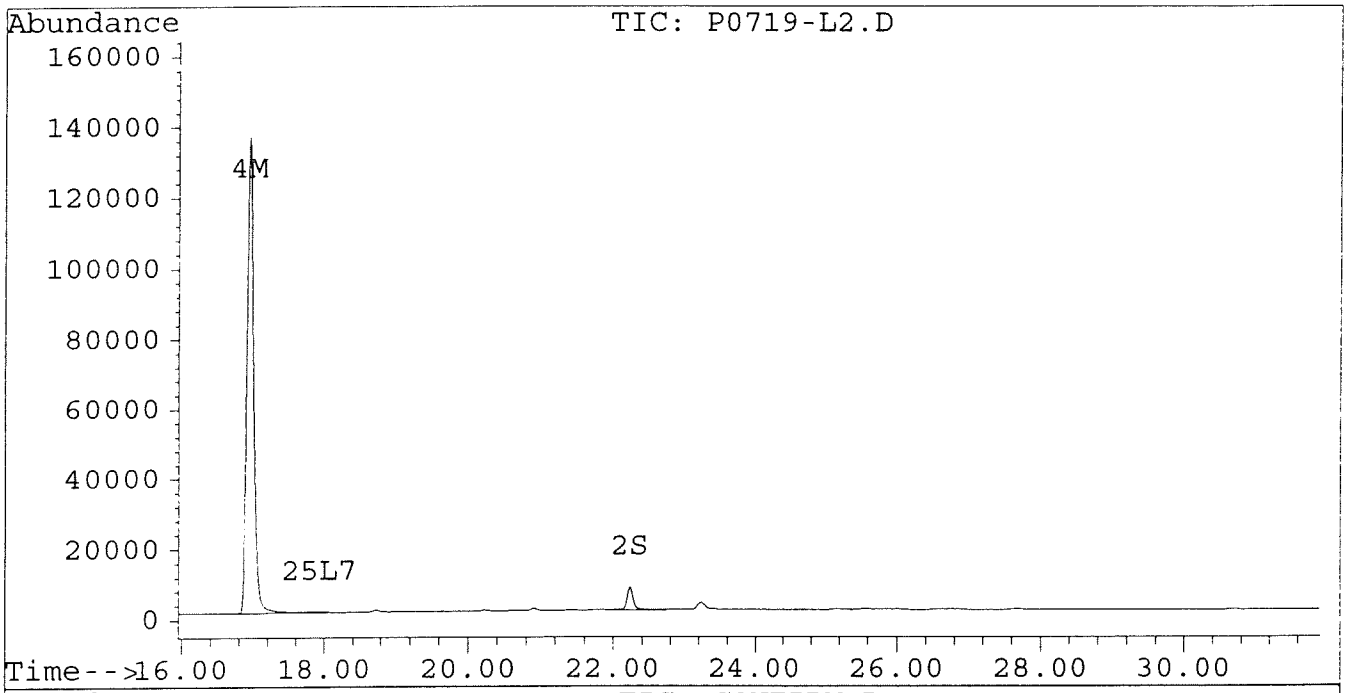


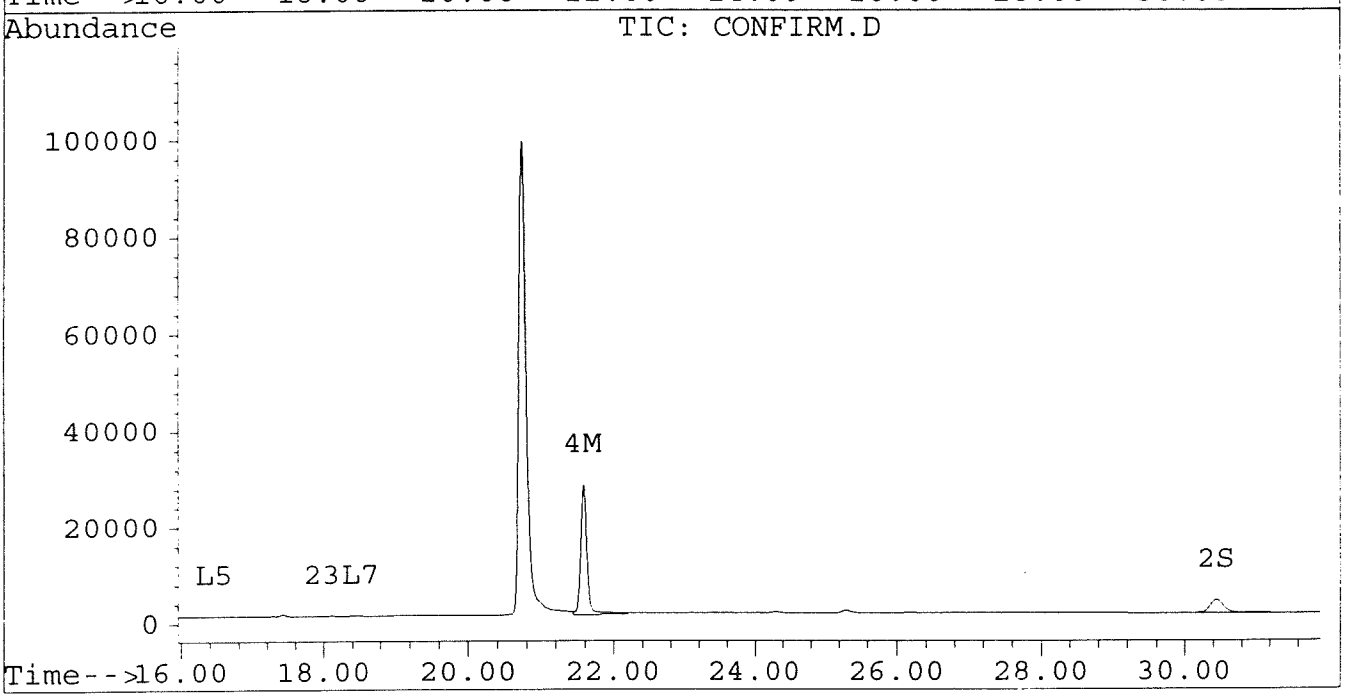
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\P0719-L2.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL29A\P0719-L2.D\CONFIRM.D
Acq On : 30 Jul 96 01:58 AM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Jul 30 2:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL29A\P0722-L1.D Vial: 14
Signal #2 : D:\HPCHEM\5\JL29A\P0722-L1.D\CONFIRM.D
Acq On : 30 Jul 96 02:34 AM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/5ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 18:46 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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					108	
1) S	Tetrachloro-m-xylen	4.06	6.44	9688	7797	0.043m	0.045m
				Recovery	=	107.50%	112.50%
2) S	Decachlorobiphenyl	22.23	30.44	8746	3685	0.045m	0.043
				Recovery	=	112.50%	107.50%
	Target Compounds						108
3) M	2,4,4'-Trichlorobip	8.22	11.68	26523	23615	120% 0.239	0.250
4) M	2,2',3,3',4,4'-Hexa	16.94	21.58	114335	39435	0.638	0.286 #
5) L1	Aroclor-1016	6.84f	8.85f	77	294	0.003	0.024 #
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	9.34	12.22f	154	83	0.006	0.005
Total	Aroclor-1016			231	377	0.009	0.029
Average	Aroclor-1016					0.004	0.015
8) L2	Aroclor-1221	0.00	8.07f	0	231	N.D.	0.038 #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	8.85f	0	294	N.D.	0.019 #
Total	Aroclor-1221			0	526	N.D.	0.057
Average	Aroclor-1221					0.000	0.028
11) L3	Aroclor-1232	0.00	8.85f	0	294	N.D.	0.021 #
12) L3	Aroclor-1232 {2}	6.84f	0.00	77	0	0.006	N.D. #
13) L3	Aroclor-1232 {3}	0.00	12.22	0	83	N.D.	0.012 #
Total	Aroclor-1232			77	377	0.006	0.032
Average	Aroclor-1232					0.006	0.016
14) L4	Aroclor-1242	8.22	11.68	26523	23615	0.651	0.818 #
15) L4	Aroclor-1242 {2}	0.00	12.22	0	83	N.D.	0.007 #
16) L4	Aroclor-1242 {3}	10.07	14.00	34	22	0.002	0.002
Total	Aroclor-1242			26557	23719	0.653	0.826
Average	Aroclor-1242					0.327	0.275
17) L5	Aroclor-1248	9.34	14.97	154	25	0.005	0.001 #
18) L5	Aroclor-1248 {2}	10.07	15.19	34	43	0.001	0.002 #
19) L5	Aroclor-1248 {3}	11.39	16.20	61	26	0.002	0.001
Total	Aroclor-1248			248	93	0.008	0.004
Average	Aroclor-1248					0.003	0.001

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\P0722-L1.D Vial: 14
Signal #2 : D:\HPCHEM\5\JL29A\P0722-L1.D\CONFIRM.D
Acq On : 30 Jul 96 02:34 AM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/5ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 18:46 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	25	25	0.001	0.001
21) L6	Aroclor-1254 {2}	13.42	15.74	38	30	0.001	0.001
22) L6	Aroclor-1254 {3}	15.82	0.00	28	0	0.001	N.D. #
Total	Aroclor-1254			91	55	0.003	0.002
Average	Aroclor-1254					0.001	0.001
23) L7	Aroclor-1260	13.91	18.26f	148	57	0.005	0.002 #
24) L7	Aroclor-1260 {2}	14.70	0.00	26	0	0.001	N.D. #
25) L7	Aroclor-1260 {3}	17.93	0.00	90	0	0.002	N.D. #
Total	Aroclor-1260			264	57	0.007	0.002
Average	Aroclor-1260					0.002	0.002
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	27	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.81	0.00	239	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\JL29A\P0722-L1.D
Signal #2 : D:\HPCHEM\5\JL29A\P0722-L1.D\CONFIRM.D
Acq On : 30 Jul 96 02:34 AM
Sample : SOIL LAB CONTROL SAMPLE
Misc : 30.0G/5ML PCB ANALYSIS
Quant Time: Aug 1 18:46 1996

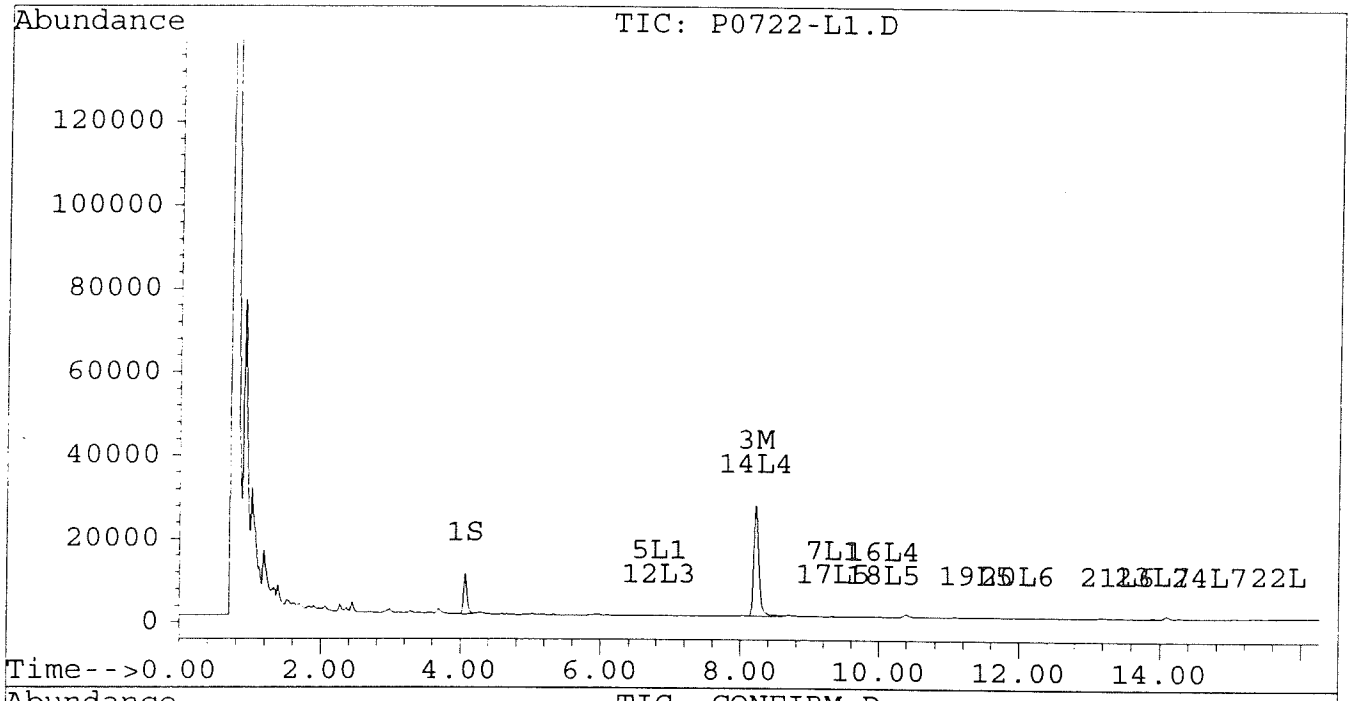
Vial: 14

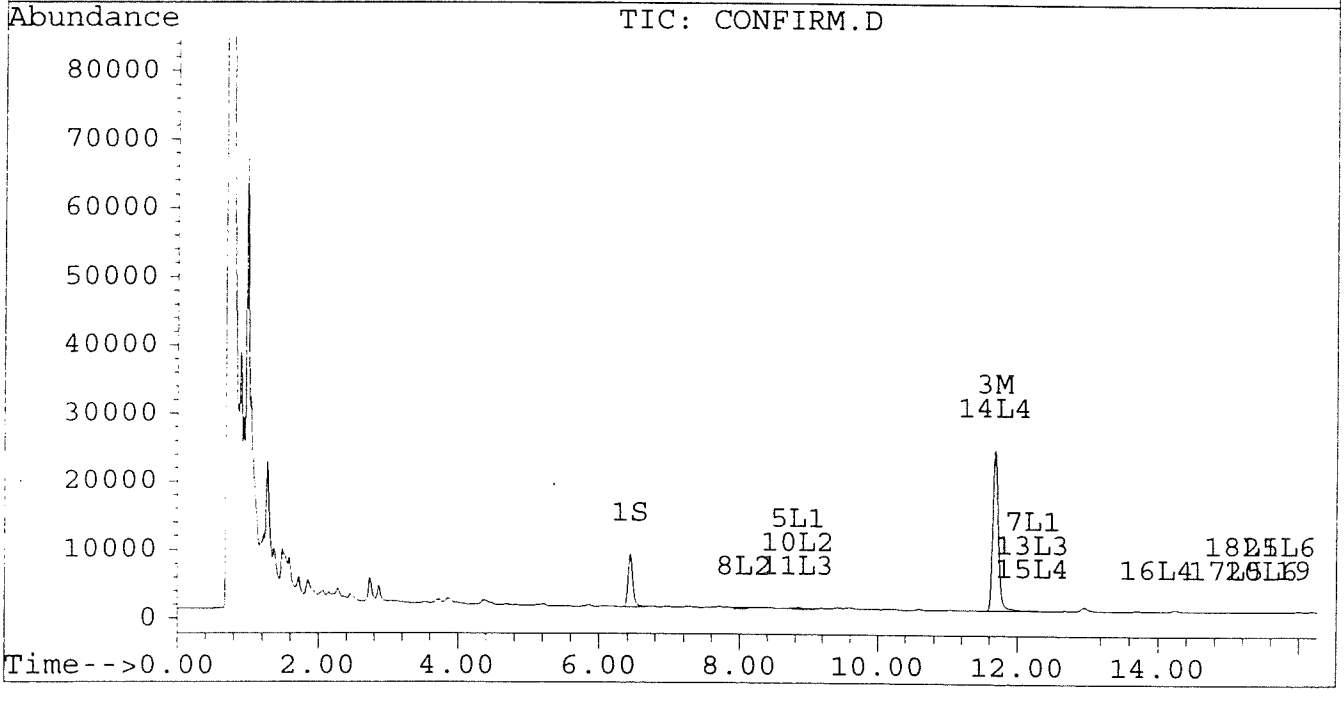
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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



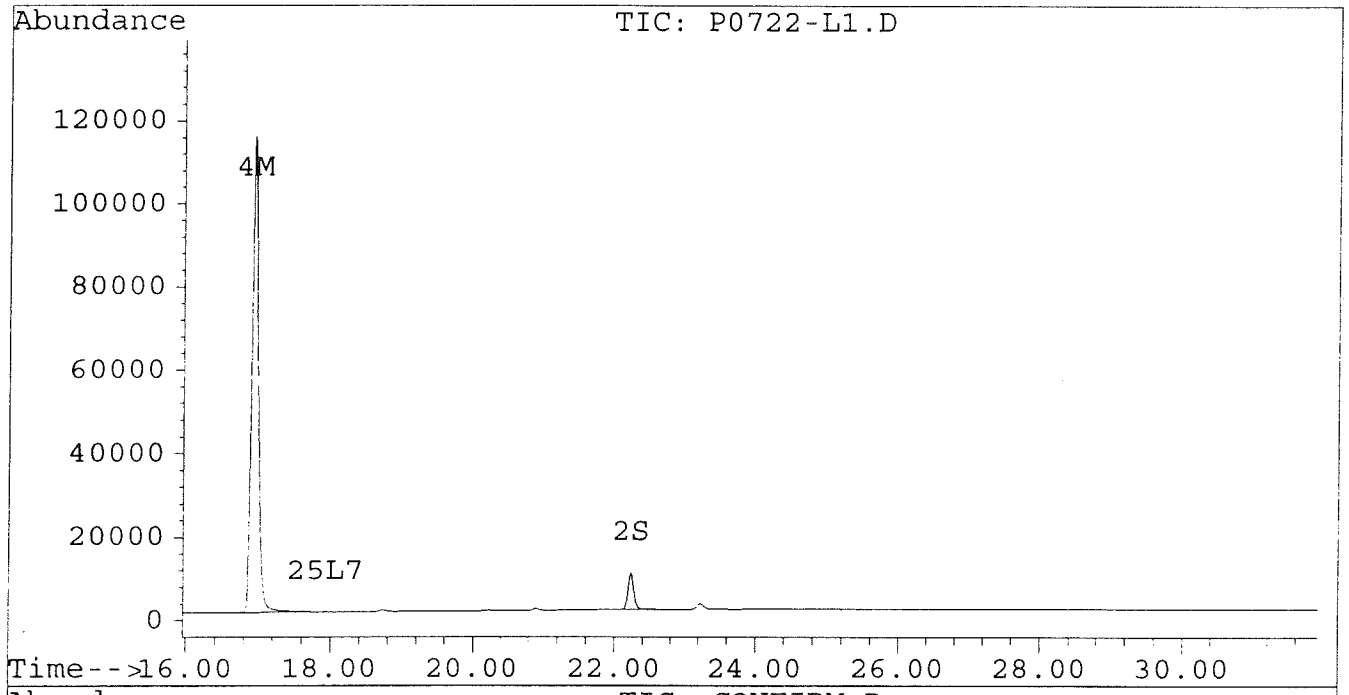


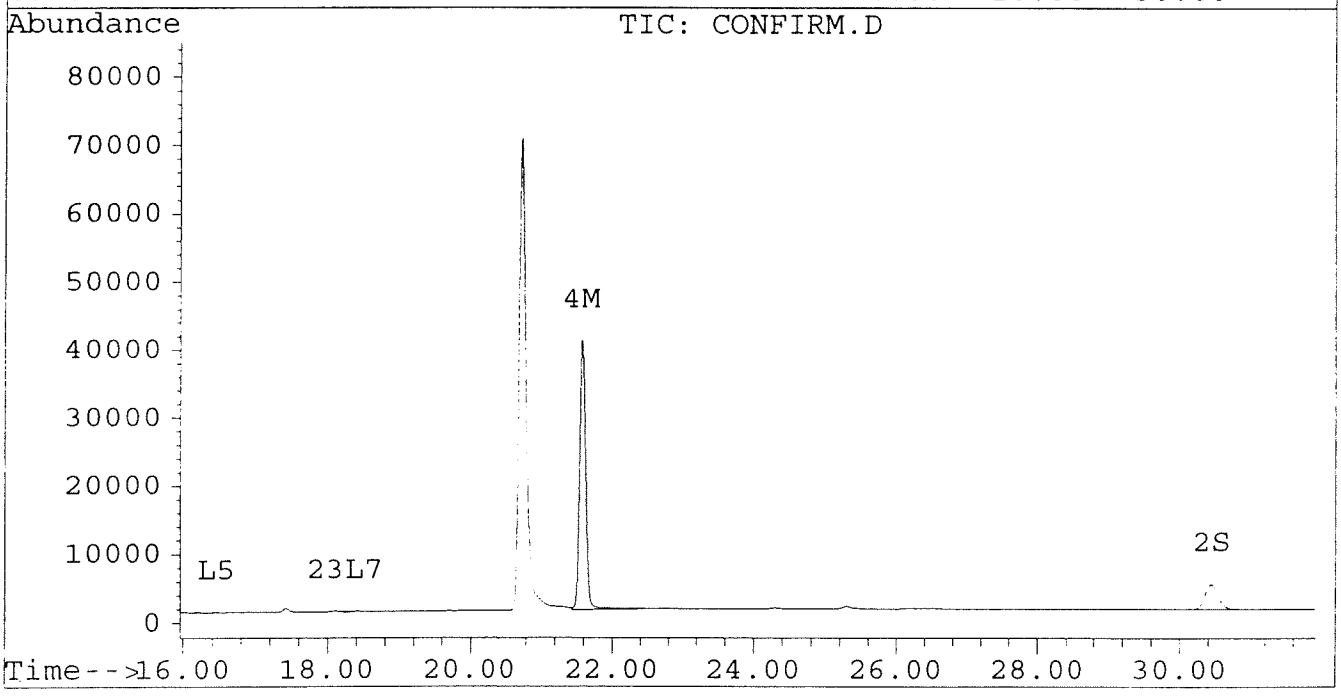
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\P0722-L1.D Vial: 14
Signal #2 : D:\HPCHEM\5\JL29A\P0722-L1.D\CONFIRM.D
Acq On : 30 Jul 96 02:34 AM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/5ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 18:46 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL29A\P0724-L3.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL29A\P0724-L3.D\CONFIRM.D
Acq On : 29 Jul 96 09:14 PM Operator: JS
Sample : AQUEOUS LAB CONTROL SAMPLE Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	7259	5947	0.033	0.034
					Recovery	=	82.50%	85.00%
2)	S	Decachlorobiphenyl	22.23	30.44	6545	2667	0.033m	0.031
					Recovery	=	82.50%	77.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.68	19791	17392	0.178	0.184
4)	M	2,2',3,3',4,4'-Hexa	16.93	21.58	35206	28778	0.196	0.208
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	8.00	41	70	0.006	0.011 #
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	5.68	0.00	18	0	0.001	N.D. #
		Total Aroclor-1221			59	70	0.007	0.011
		Average Aroclor-1221					0.003	0.011
11)	L3	Aroclor-1232	5.68	0.00	18	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			18	0	0.001	N.D.
		Average Aroclor-1232					0.001	0.000
14)	L4	Aroclor-1242	8.22	11.68	19791	17392	0.486	0.602
15)	L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16)	L4	Aroclor-1242 {3}	0.00	14.05f	0	7	N.D.	0.001 #
		Total Aroclor-1242			19791	17399	0.486	0.603
		Average Aroclor-1242					0.486	0.301
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	15.22f	0	12	N.D.	0.001 #
19)	L5	Aroclor-1248 {3}	11.39	0.00	20	0	0.001	N.D. #
		Total Aroclor-1248			20	12	0.001	0.001
		Average Aroclor-1248					0.001	0.001

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\P0724-L3.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL29A\P0724-L3.D\CONFIRM.D
Acq On : 29 Jul 96 09:14 PM Operator: JS
Sample : AQUEOUS LAB CONTROL SAMPLE Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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}	15.83	0.00	21	0	0.001	N.D. #
Total Aroclor-1254			21	0	0.001	N.D.
Average Aroclor-1254					0.001	0.000
23) L7 Aroclor-1260	13.91	0.00	94	0	0.003	N.D. #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	17.92	21.94	33	250	0.001	0.005 #
Total Aroclor-1260			127	250	0.004	0.005
Average Aroclor-1260					0.002	0.005
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.04	0.00	57	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	302	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

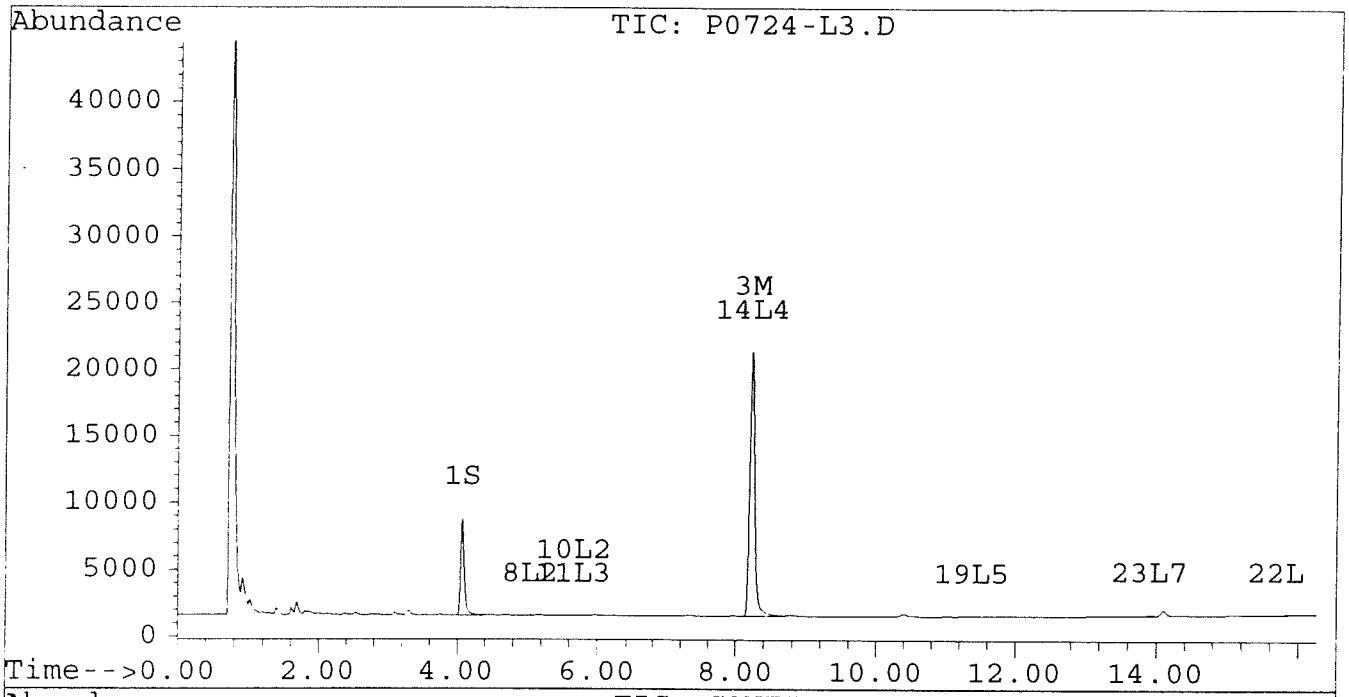
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

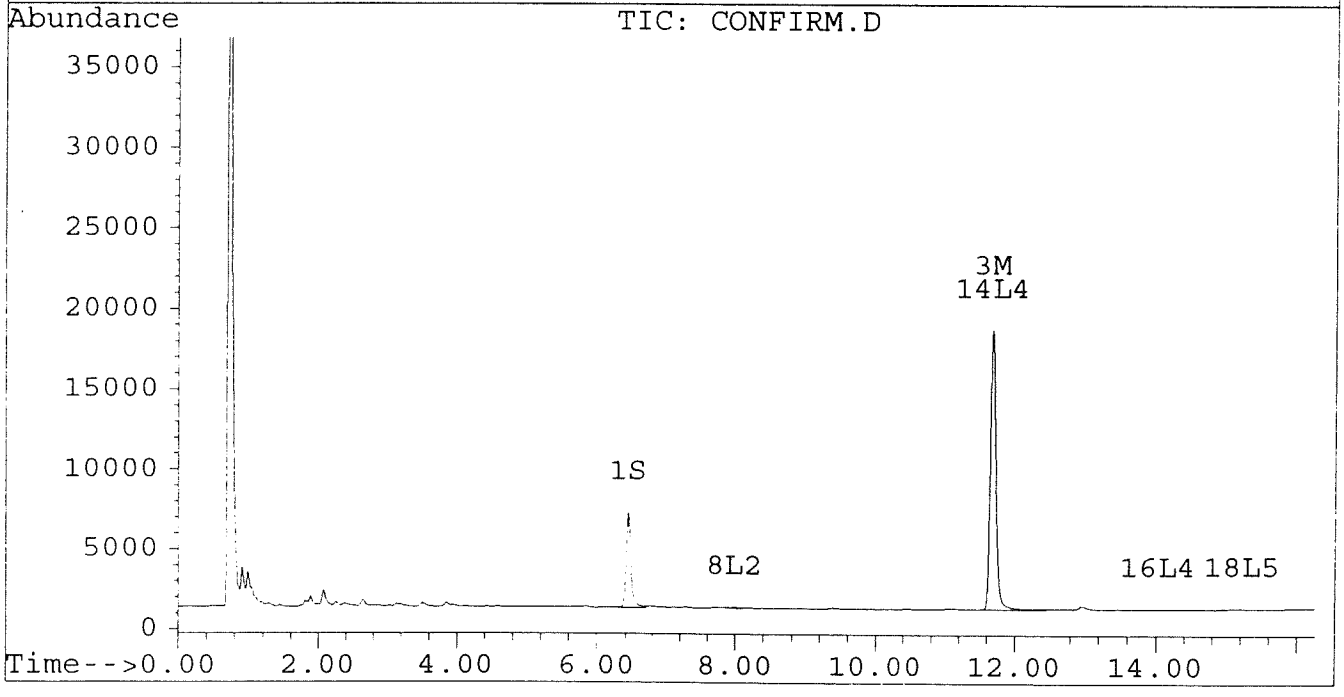
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\P0724-L3.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL29A\P0724-L3.D\CONFIRM.D
Acq On : 29 Jul 96 09:14 PM Operator: JS
Sample : AQUEOUS LAB CONTROL SAMPLE Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



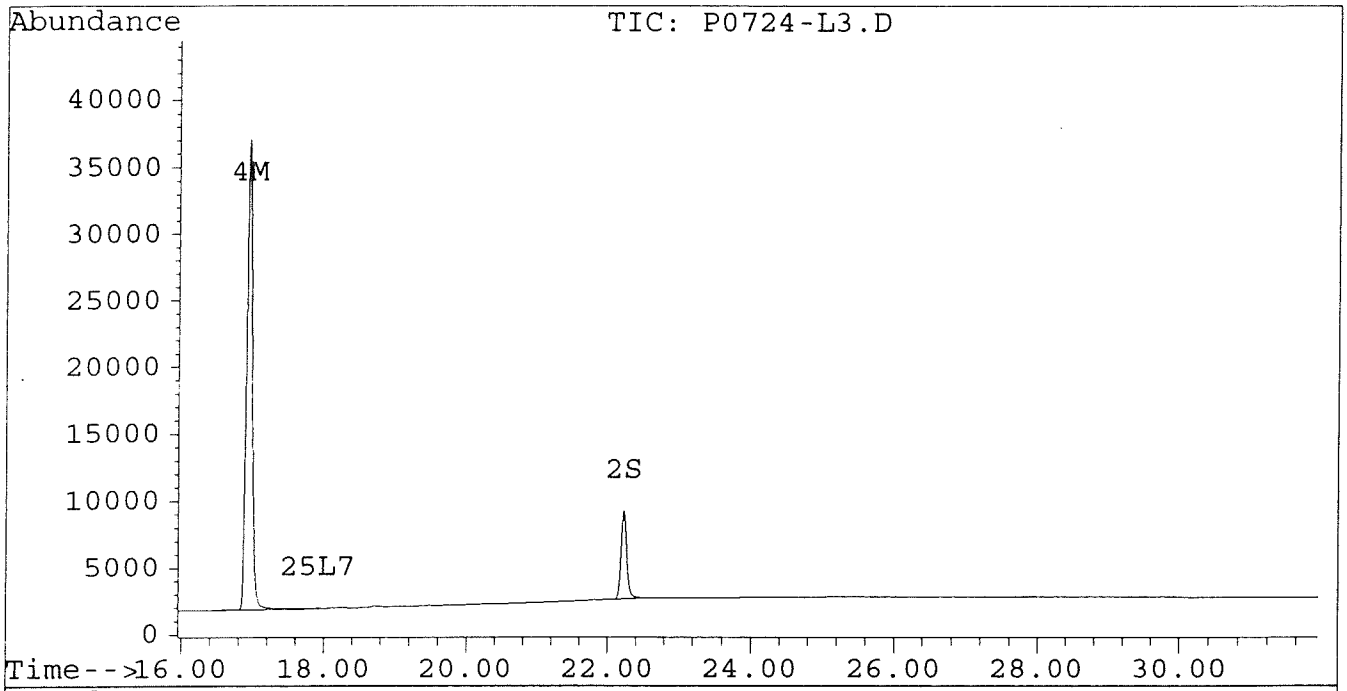


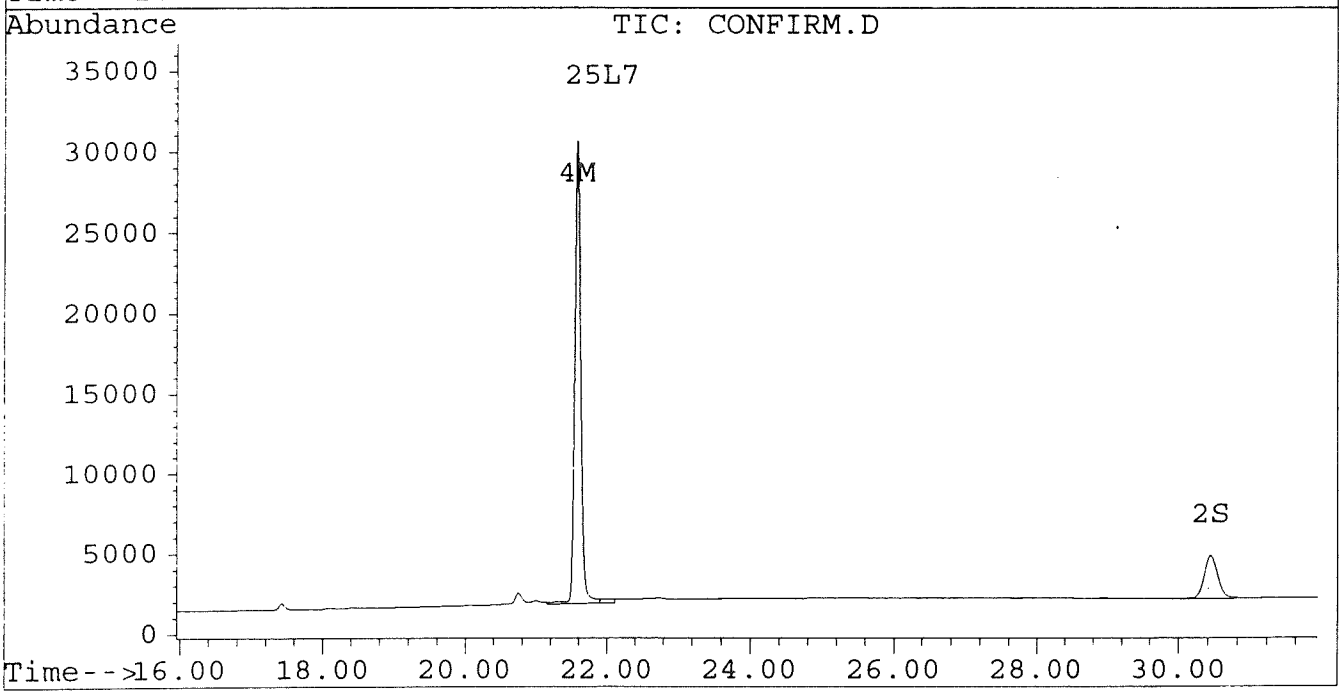
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\P0724-L3.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL29A\P0724-L3.D\CONFIRM.D
Acq On : 29 Jul 96 09:14 PM Operator: JS
Sample : AQUEOUS LAB CONTROL SAMPLE Inst : ECD1
Misc : 1L/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 1 17:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Response Factor Report ECD1

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 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	205.6	181.3	228.2	224.6	275.5	223.0	E3	15.59
2)	S	Decachlorobiphenyl	198.0	193.3	203.5	181.7	202.4	195.8	E3	4.53
3)	M	2,4,4'-Trichlorobiphe	115.7	89.6	112.7	118.2	119.0	111.1	E3	11.02
4)	M	2,2',3,3',4,4'-Hexach	181.0	152.8	178.9	192.3	191.5	179.3	E3	8.93
5)	L1	Aroclor-1016	32.9	35.3	31.6	25.4	25.1	30.1	E3	15.23
6)	L1	Aroclor-1016 (2)	15.5	15.0	16.2	14.9	16.6	15.6	E3	4.83
7)	L1	Aroclor-1016 (3)	25.6	26.5	25.2	21.3	21.7	24.0	E3	9.90
8)	L2	Aroclor-1221	6.1	7.5	7.4	6.5	7.5	7.0	E3	9.16
9)	L2	Aroclor-1221 (2)	5.3	6.7	6.2	5.3	5.8	5.8	E3	10.37
10)	L2	Aroclor-1221 (3)	19.0	24.0	21.5	17.8	18.8	20.2	E3	12.51
11)	L3	Aroclor-1232	20.1	20.1	18.5	16.5	16.0	18.2	E3	10.50
12)	L3	Aroclor-1232 (2)	14.9	14.8	13.7	12.6	12.2	13.6	E3	9.04
13)	L3	Aroclor-1232 (3)	8.6	8.2	8.2	8.0	8.3	8.3	E3	2.53
14)	L4	Aroclor-1242	43.0	40.6	41.3	40.9	37.9	40.7	E3	4.58
15)	L4	Aroclor-1242 (2)	12.2	11.5	11.8	12.7	12.7	12.2	E3	4.27
16)	L4	Aroclor-1242 (3)	16.8	16.4	16.0	16.3	15.5	16.2	E3	2.86
17)	L5	Aroclor-1248	33.5	35.2	32.4	29.2	24.0	30.9	E3	14.35
18)	L5	Aroclor-1248 (2)	27.5	27.1	27.5	26.0	21.9	26.0	E3	9.10
19)	L5	Aroclor-1248 (3)	35.6	34.9	35.9	34.4	29.2	34.0	E3	8.06
20)	L6	Aroclor-1254	31.6	29.0	31.2	29.0	25.9	29.3	E3	7.67
21)	L6	Aroclor-1254 (2)	42.5	35.7	44.0	43.0	39.4	40.9	E3	8.21
22)	L6	Aroclor-1254 (3)	30.4	26.0	32.4	32.7	30.9	30.5	E3	8.78
23)	L7	Aroclor-1260	33.3	34.2	33.3	28.2	28.7	31.6	E3	9.00
24)	L7	Aroclor-1260 (2)	38.8	39.4	39.1	33.3	34.3	37.0	E3	7.93
25)	L7	Aroclor-1260 (3)	52.6	48.9	55.4	49.6	53.0	51.9	E3	5.12
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	159.2	151.3	175.6	171.6	209.1	173.4	E3	12.83
2)	S	Decachlorobiphenyl	85.0	87.2	88.4	79.3	88.3	85.6	E3	4.45
3)	M	2,4,4'-Trichlorobiphe	101.8	86.5	97.0	96.9	90.6	94.6	E3	6.35
4)	M	2,2',3,3',4,4'-Hexach	145.0	124.5	141.8	146.4	132.7	138.1	E3	6.71
5)	L1	Aroclor-1016	13.3	14.1	13.0	10.7	10.7	12.3	E3	12.86
6)	L1	Aroclor-1016 (2)	27.5	30.3	26.4	21.2	20.8	25.2	E3	16.33
7)	L1	Aroclor-1016 (3)	16.4	16.8	16.6	14.4	15.0	15.8	E3	6.80
8)	L2	Aroclor-1221	5.5	6.7	6.4	5.6	6.3	6.1	E3	8.72
9)	L2	Aroclor-1221 (2)	4.5	5.6	5.2	4.4	4.7	4.9	E3	10.07
10)	L2	Aroclor-1221 (3)	14.7	18.4	16.2	13.5	14.0	15.4	E3	12.95

(#) = Out of Range

Response Factor Report ECD1

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Initial Calibration

Calibration Files
0.5 =CONFIRM.D 0.1 =CONFIRM.D 1.0 =CONFIRM.D
2.5 =CONFIRM.D 5.0 =CONFIRM.D

	Compound	0.5	0.1	1.0	2.5	5.0	Avg	%RSD
11)	L3 Aroclor-1232	15.7	16.0	14.4	13.1	12.4	14.3 E3	11.11
12)	L3 Aroclor-1232 (2)	13.2	13.6	12.0	11.0	10.4	12.0 E3	11.48
13)	L3 Aroclor-1232 (3)	7.2	7.1	6.9	6.7	6.8	6.9 E3	2.86
14)	L4 Aroclor-1242	30.0	29.6	28.7	29.0	27.1	28.9 E3	3.93
15)	L4 Aroclor-1242 (2)	13.1	13.0	12.4	12.5	11.7	12.5 E3	4.62
16)	L4 Aroclor-1242 (3)	12.6	13.1	12.0	12.0	11.4	12.2 E3	5.34
17)	L5 Aroclor-1248	23.0	23.3	23.0	21.9	18.5	21.9 E3	9.14
18)	L5 Aroclor-1248 (2)	23.6	23.2	23.7	23.4	19.7	22.7 E3	7.38
19)	L5 Aroclor-1248 (3)	17.4	16.9	18.0	18.7	16.8	17.6 E3	4.54
20)	L6 Aroclor-1254	26.2	24.8	24.9	23.9	21.5	24.3 E3	7.20
21)	L6 Aroclor-1254 (2)	28.9	27.4	27.5	26.2	23.4	26.7 E3	7.79
22)	L6 Aroclor-1254 (3)	39.1	34.0	38.8	38.8	35.4	37.2 E3	6.26
23)	L7 Aroclor-1260	29.8	31.4	29.4	24.8	25.7	28.2 E3	10.06
24)	L7 Aroclor-1260 (2)	34.1	35.7	33.9	29.0	30.0	32.5 E3	8.87
25)	L7 Aroclor-1260 (3)	48.2	47.7	51.6	46.1	48.9	48.5 E3	4.16
26)	L8 Aroclor-1268	0.0	4.3	0.0	0.0	0.0	0.9 E3	223.61
27)	L8 Aroclor-1268 (2)	0.0	0.0	0.0	0.0	0.0	0.0	-1.00
28)	L8 Aroclor-1268 (3)	0.0	0.0	0.0	0.0	0.0	0.0	-1.00

(#) = Out of Range

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\PS0719A.D Vial: 1
Signal #2 : D:\HPCHEM\5\JL19\PS0719A.D\CONFIRM.D
Acq On : 19 Jul 96 10:26 AM Operator: JS
Sample : 200 NG/ML PCB COGENER SPIKE Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 19 17:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	4.08	6.43	25639	18877	0.115	0.109
					Recovery	=	287.50%	272.50%
2)	S	Decachlorobiphenyl	22.25	30.45	16178	5841	0.083m	0.068
					Recovery	=	207.50%	170.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.24	11.67	23804	18128	0.270	0.212
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.59	38297	26542	0.494	0.197 #
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1016			0	0	N.D.	N.D.
		Average Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1221			0	0	N.D.	N.D.
		Average Aroclor-1221					0.000	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1232			0	0	N.D.	N.D.
		Average Aroclor-1232					0.000	0.000
14)	L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15)	L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16)	L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1242			0	0	N.D.	N.D.
		Average Aroclor-1242					0.000	0.000
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\PS0719A.D Vial: 1
Signal #2 : D:\HPCHEM\5\JL19\PS0719A.D\CONFIRM.D
Acq On : 19 Jul 96 10:26 AM Operator: JS
Sample : 200 NG/ML PCB COGENER SPIKE Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 19 17:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

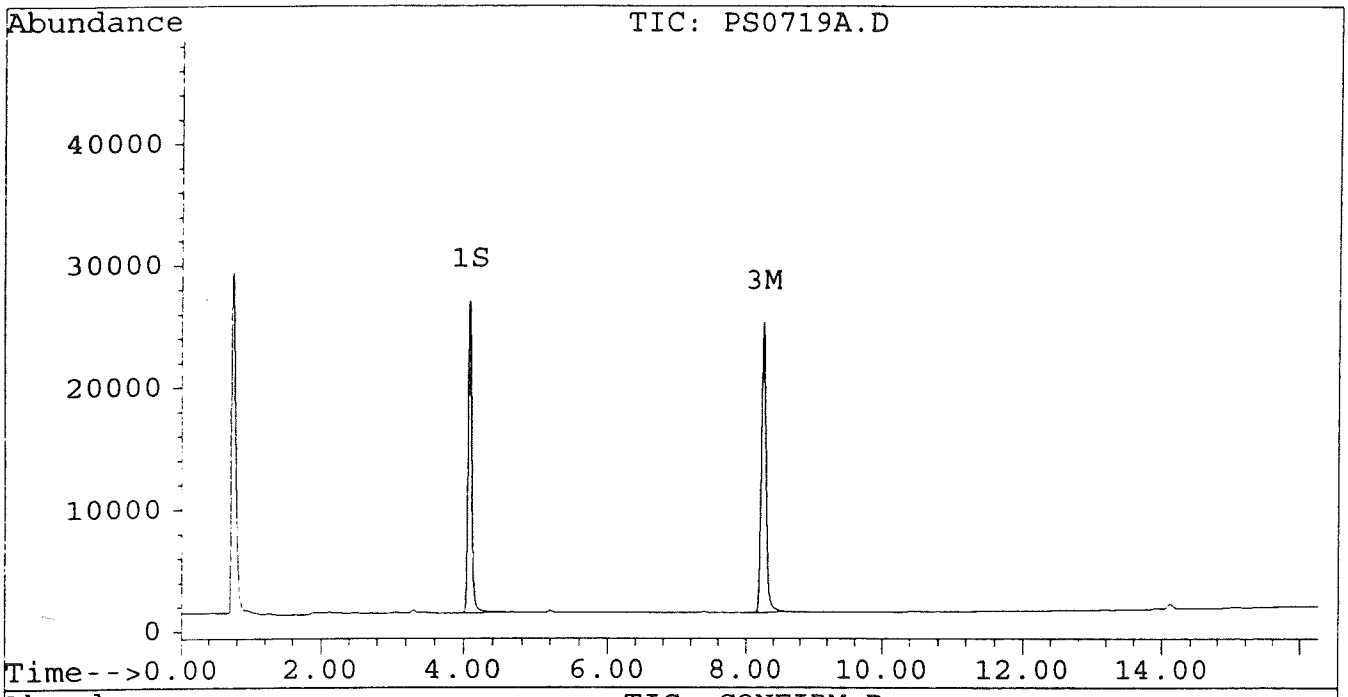
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

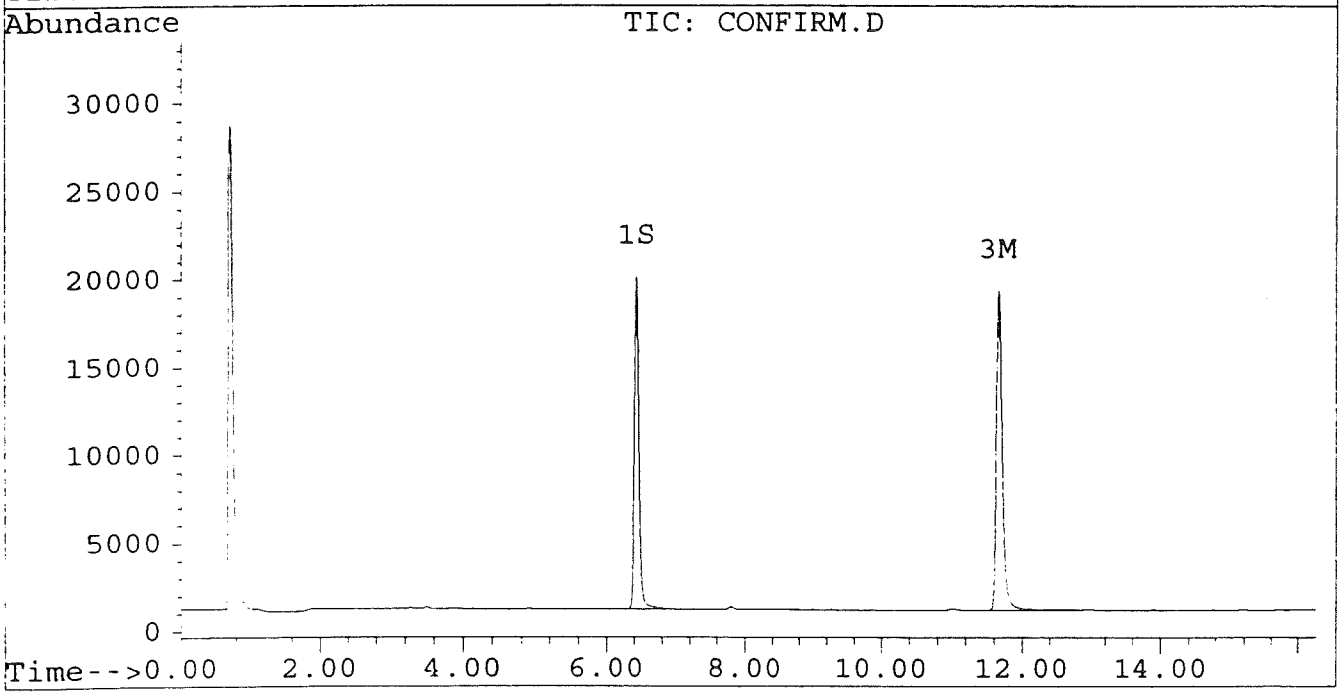
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\PS0719A.D Vial: 1
Signal #2 : D:\HPCHEM\5\JL19\PS0719A.D\CONFIRM.D
Acq On : 19 Jul 96 10:26 AM Operator: JS
Sample : 200 NG/ML PCB COGENER SPIKE Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 19 17:06 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





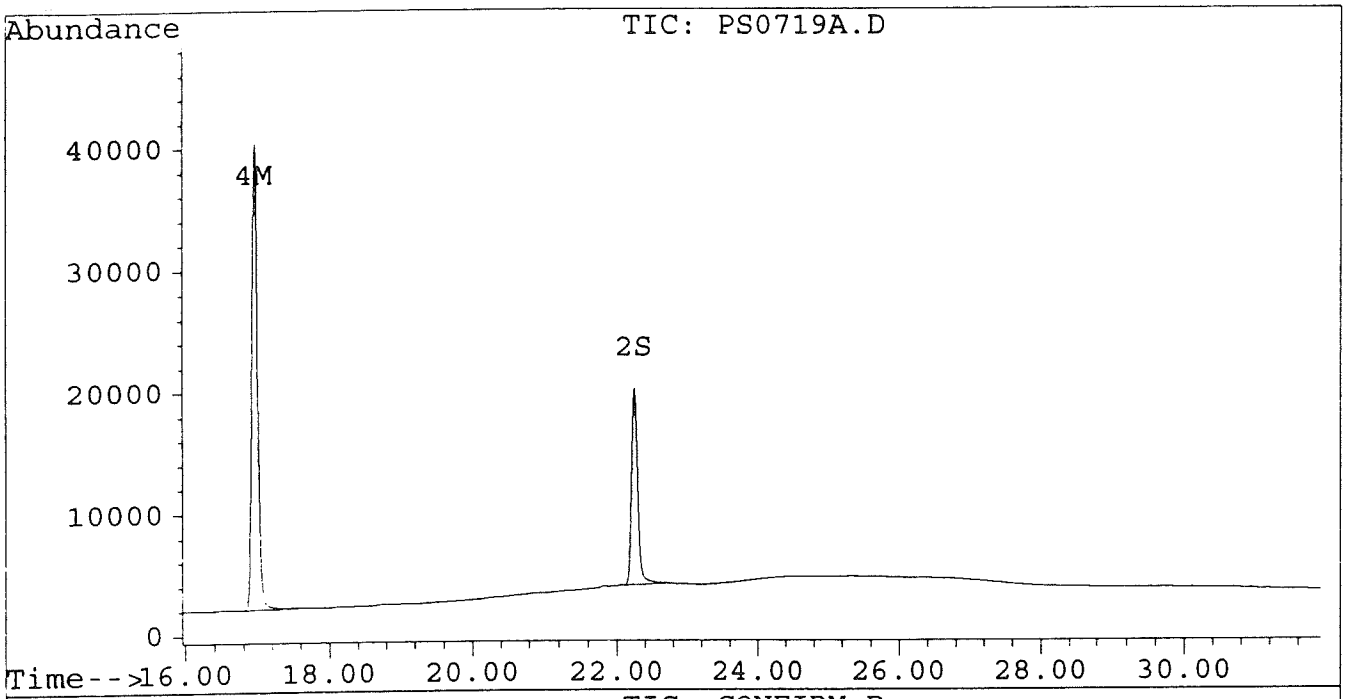
Quantitation Report

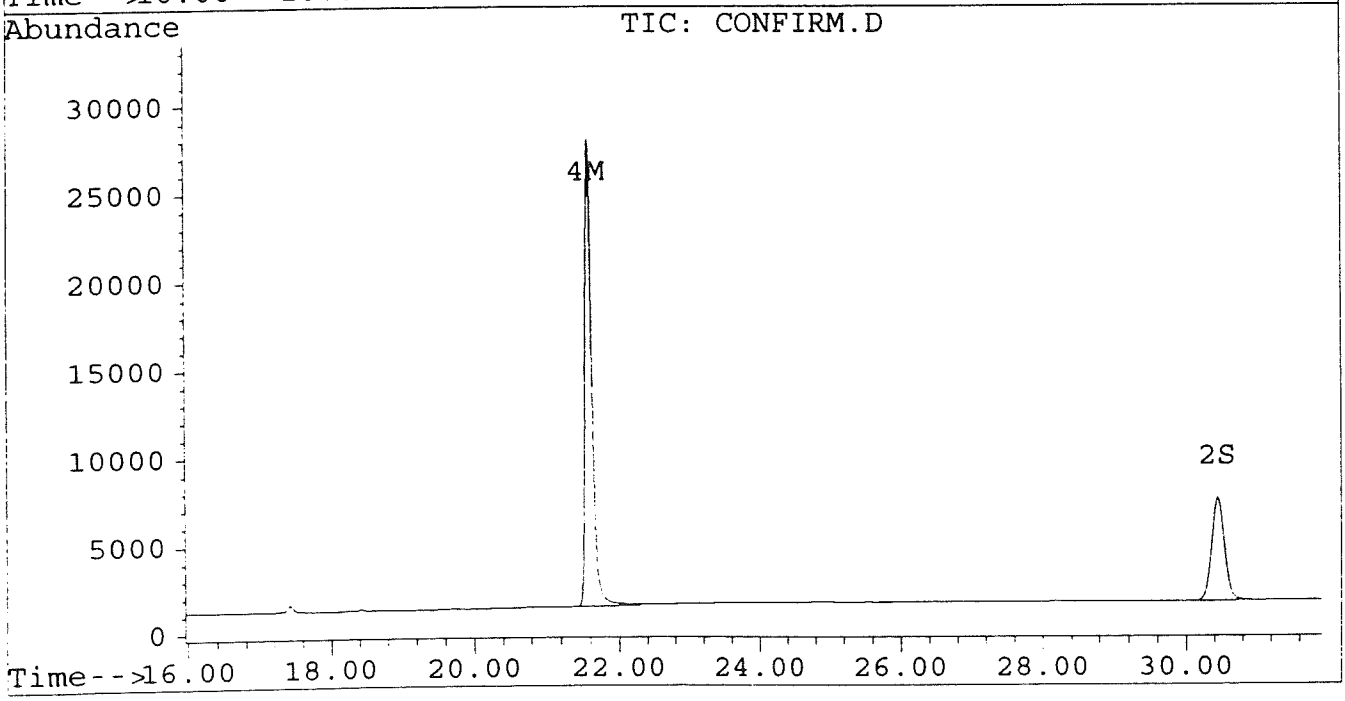
Signal #1 : D:\HPCHEM\5\JL19\PS0719A.D
Signal #2 : D:\HPCHEM\5\JL19\PS0719A.D\CONFIRM.D
Acq On : 19 Jul 96 10:26 AM
Sample : 200 NG/ML PCB COGENER SPIKE
Misc :
Quant Time: Jul 19 17:06 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\PS0719B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL19\PS0719B.D\CONFIRM.D
Acq On : 19 Jul 96 11:01 AM Operator: JS
Sample : 100 NG/ML PCB COGENER SPIKE Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 19 17:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.07	6.44	11623	8690	0.052	0.050
					Recovery	=	130.00%	125.00%
2)	S	Decachlorobiphenyl	22.24	30.45	8102	3111	0.041m	0.036
					Recovery	=	102.50%	90.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.23	11.68	11819	9693	0.134	0.113
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.59	19234	14637	0.248	0.109 #
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6)	L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1016			0	0	N.D.	N.D.
	Average	Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1221			0	0	N.D.	N.D.
	Average	Aroclor-1221					0.000	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.d	N.D.d
13)	L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1232			0	0	N.D.	N.D.
	Average	Aroclor-1232					0.000	0.000
14)	L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15)	L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	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\JL19\PS0719B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL19\PS0719B.D\CONFIRM.D
Acq On : 19 Jul 96 11:01 AM Operator: JS
Sample : 100 NG/ML PCB COGENER SPIKE Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 19 17:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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.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.d	N.D.d
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

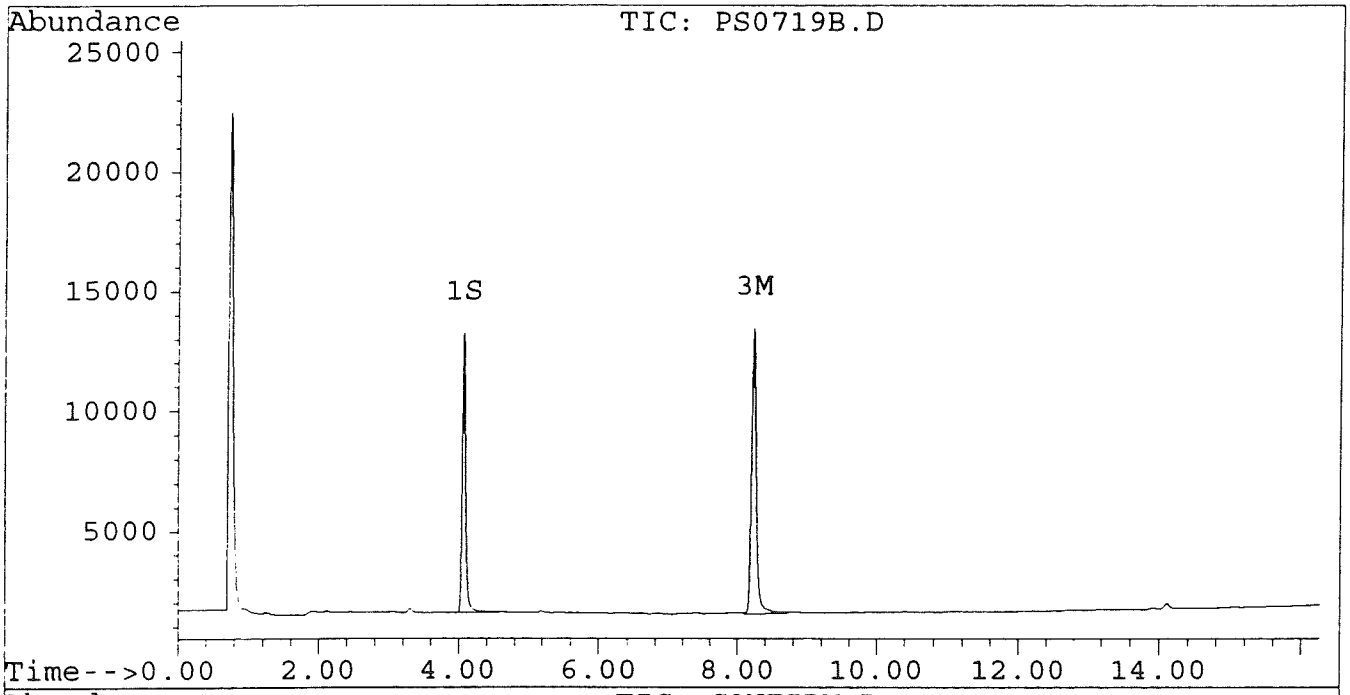
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

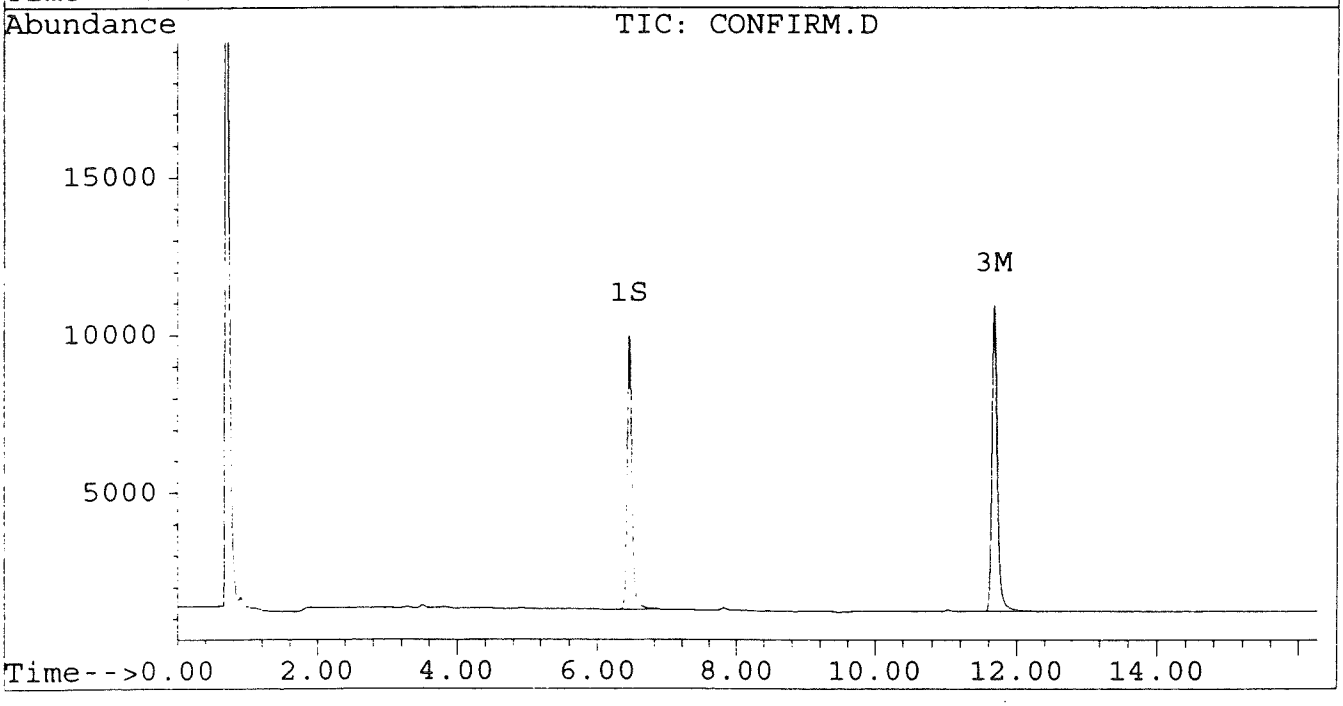
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\PS0719B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL19\PS0719B.D\CONFIRM.D
Acq On : 19 Jul 96 11:01 AM Operator: JS
Sample : 100 NG/ML PCB COGENER SPIKE Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 19 17:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





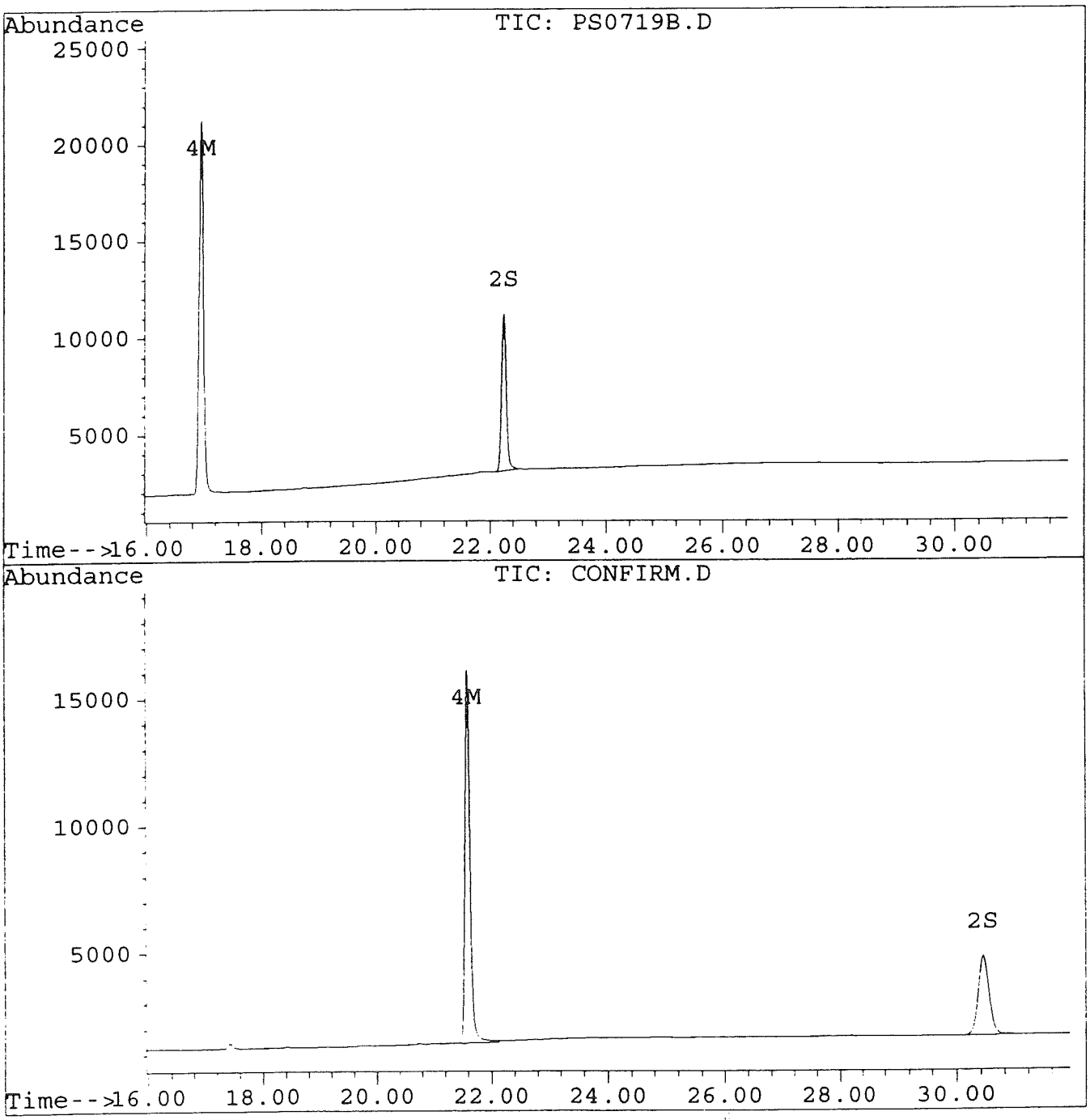
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\PS0719B.D
Signal #2 : D:\HPCHEM\5\JL19\PS0719B.D\CONFIRM.D
Acq On : 19 Jul 96 11:01 AM
Sample : 100 NG/ML PCB COGENER SPIKE
Misc :
Quant Time: Jul 19 17:07 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\PS0719C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL19\PS0719C.D\CONFIRM.D
Acq On : 19 Jul 96 11:37 AM Operator: JS
Sample : 50 NG/ML PCB COGENER SPIKE Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 19 17:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	5076	3885	0.023	0.022
				Recovery	=	57.50%	55.00%
2) S	Decachlorobiphenyl	22.24	30.44	3953	1551	0.020m	0.018
				Recovery	=	50.00%	45.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.68	5636	4849	0.064	0.057
4) M	2,2',3,3',4,4'-Hexa	16.94	21.58	8944	7090	0.115m	0.053
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\JL19\PS0719C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL19\PS0719C.D\CONFIRM.D
Acq On : 19 Jul 96 11:37 AM Operator: JS
Sample : 50 NG/ML PCB COGENER SPIKE Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 19 17:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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

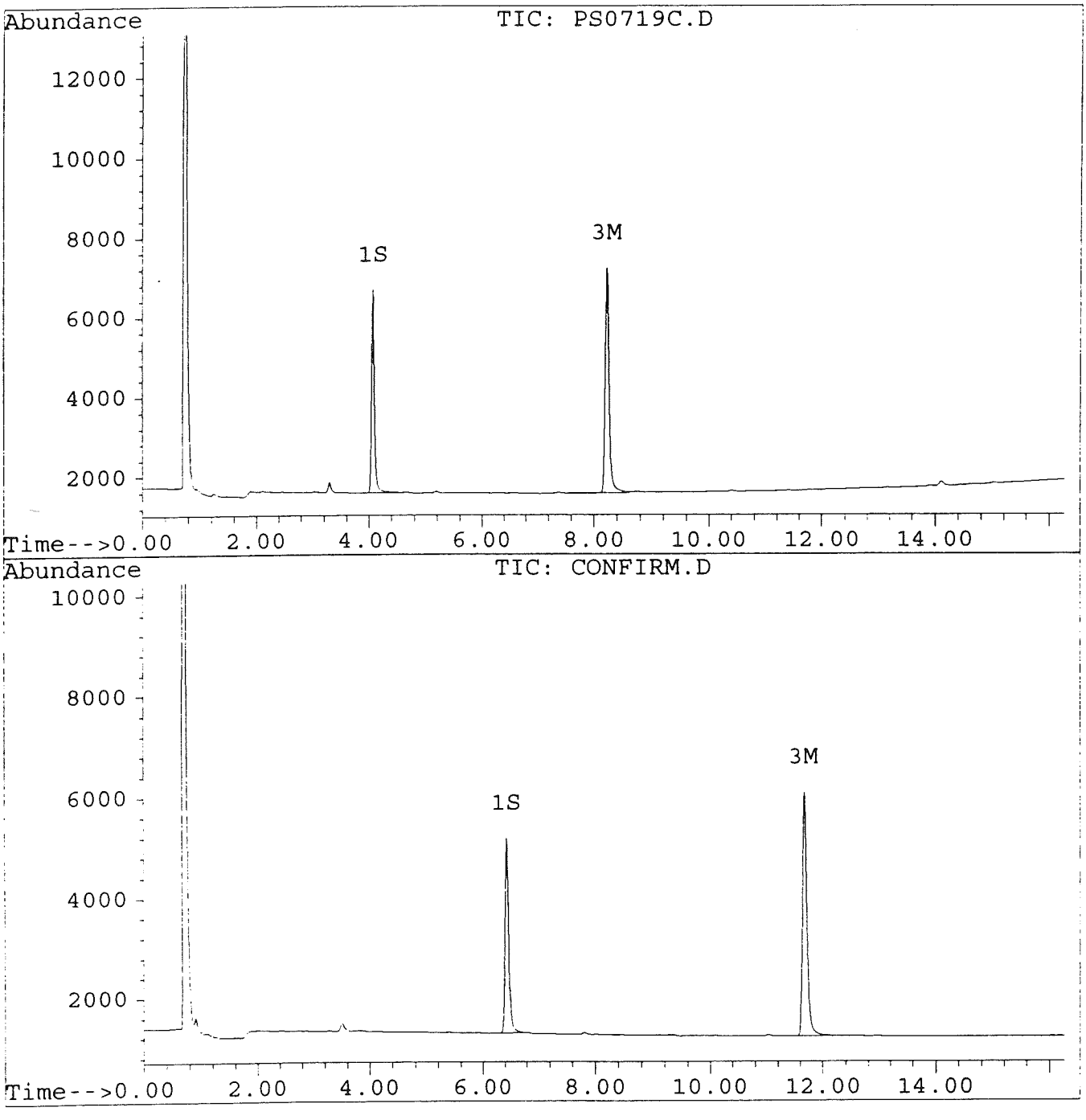
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\PS0719C.D
Signal #2 : D:\HPCHEM\5\JL19\PS0719C.D\CONFIRM.D
Acq On : 19 Jul 96 11:37 AM
Sample : 50 NG/ML PCB COGENER SPIKE
Misc :
Quant Time: Jul 19 17:08 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

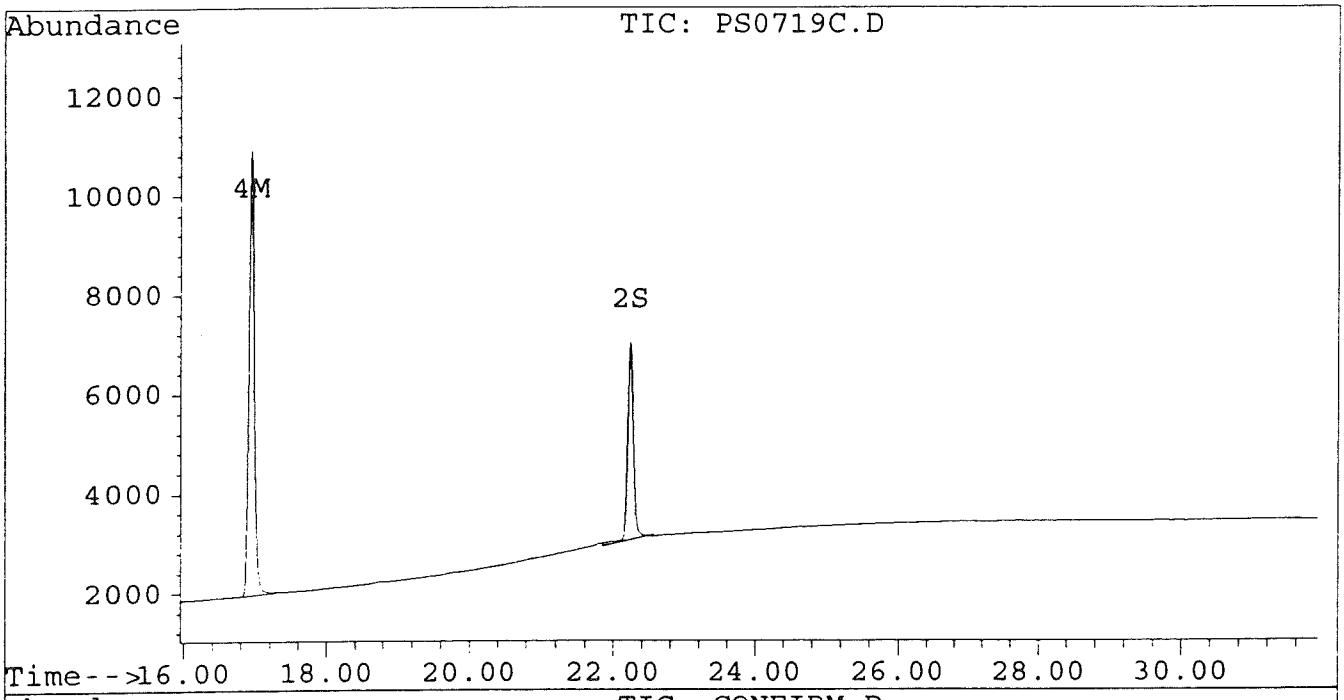


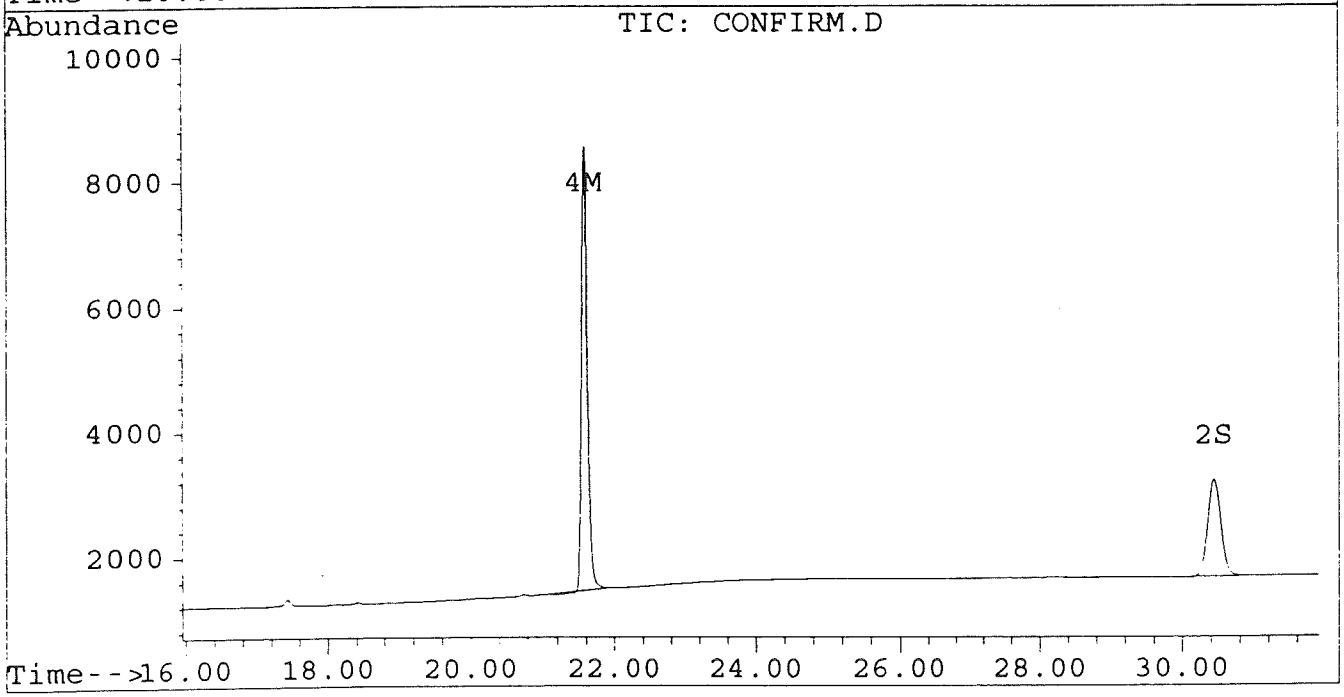
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\PS0719C.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL19\PS0719C.D\CONFIRM.D
Acq On : 19 Jul 96 11:37 AM Operator: JS
Sample : 50 NG/ML PCB COGENER SPIKE Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 19 17:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL19\PS0719D.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL19\PS0719D.D\CONFIRM.D
Acq On : 19 Jul 96 12:12 PM Operator: JS
Sample : 25 NG/ML PCB COGENER SPIKE Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 19 17:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	2428	1923	0.011	0.011
				Recovery	=	27.50%	27.50%
2) S	Decachlorobiphenyl	22.24	30.44	1985	815	0.010m	0.010
				Recovery	=	25.00%	25.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.68	2893	2546	0.033	0.030
4) M	2,2',3,3',4,4'-Hexa	16.94	21.58	4525	3626	0.058m	0.027m
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\JL19\PS0719D.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL19\PS0719D.D\CONFIRM.D
Acq On : 19 Jul 96 12:12 PM Operator: JS
Sample : 25 NG/ML PCB COGENER SPIKE Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 19 17:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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\JL19\PS0719D.D
Signal #2 : D:\HPCHEM\5\JL19\PS0719D.D\CONFIRM.D
Acq On : 19 Jul 96 12:12 PM
Sample : 25 NG/ML PCB COGENER SPIKE
Misc :
Quant Time: Jul 19 17:09 1996

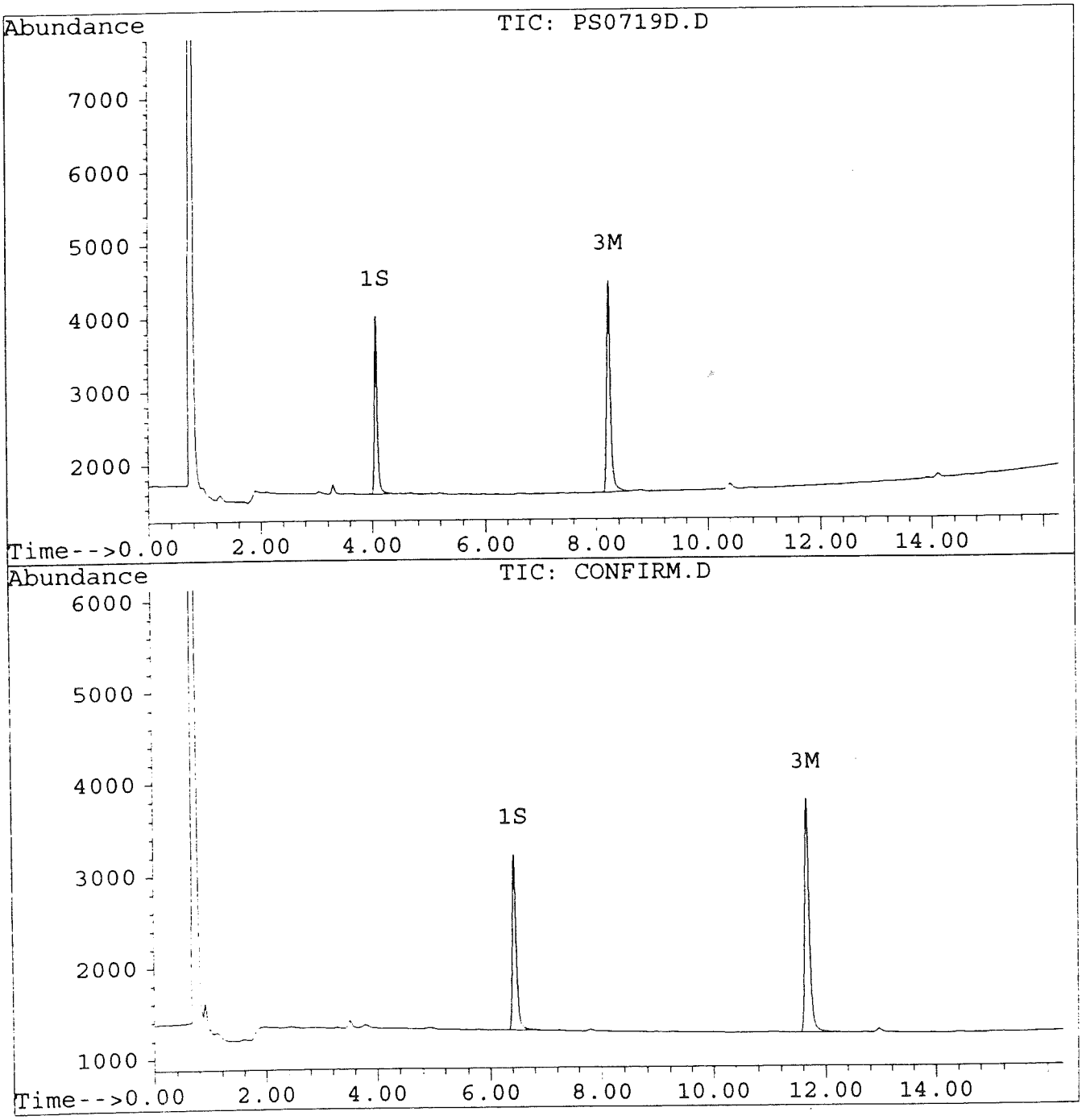
Vial: 4

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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



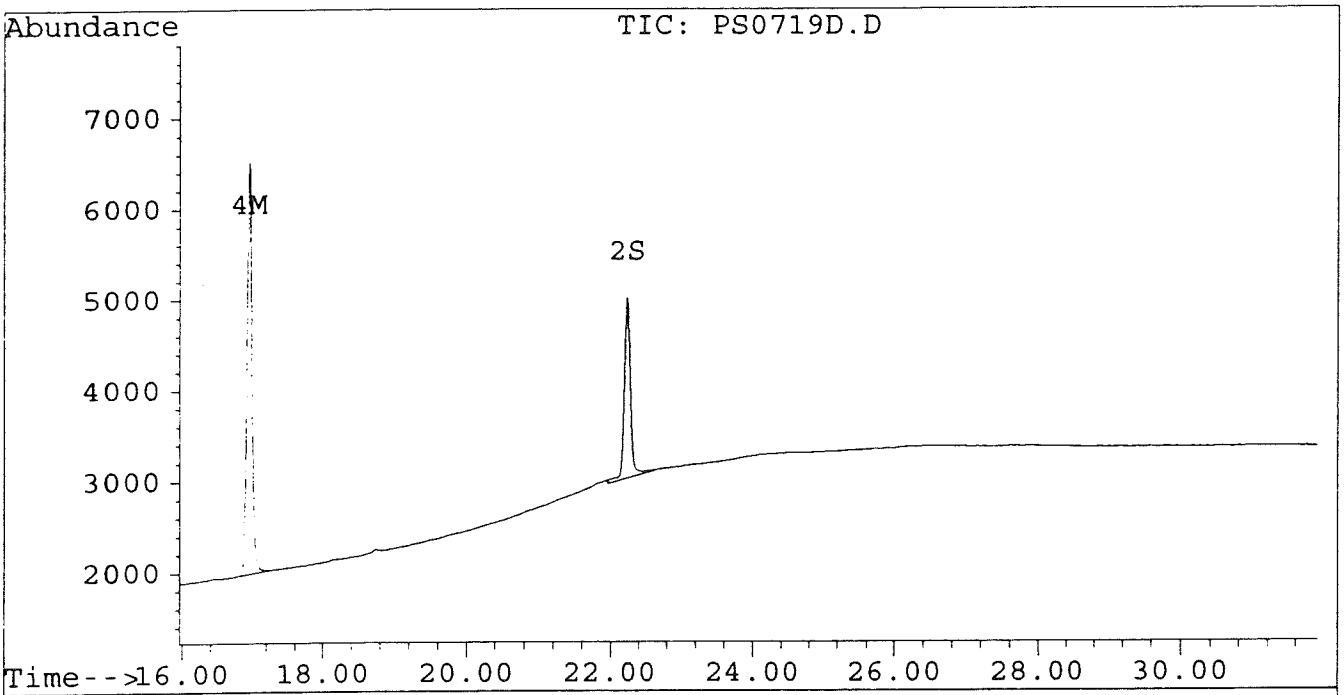
Quantitation Report

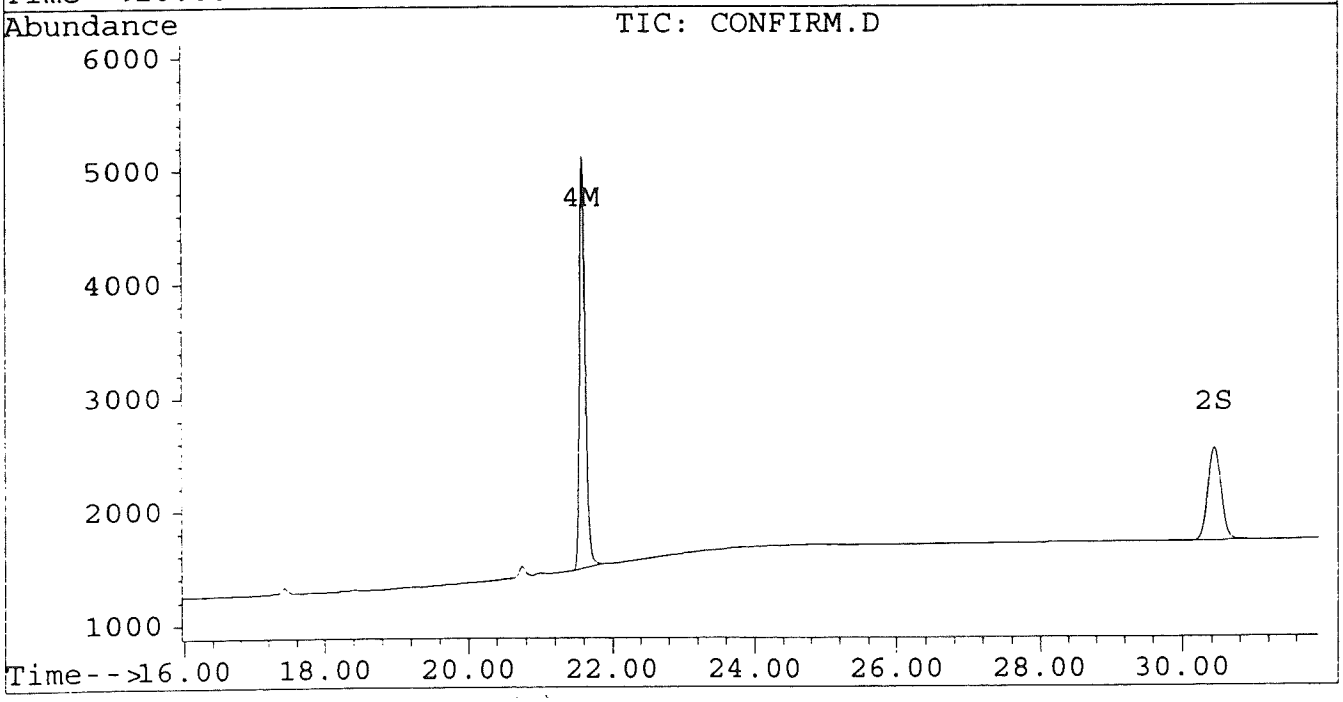
Signal #1 : D:\HPCHEM\5\JL19\PS0719D.D
Signal #2 : D:\HPCHEM\5\JL19\PS0719D.D\CONFIRM.D
Acq On : 19 Jul 96 12:12 PM
Sample : 25 NG/ML PCB COGENER SPIKE
Misc :
Quant Time: Jul 19 17:09 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\PS0719E.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL19\PS0719E.D\CONFIRM.D
Acq On : 19 Jul 96 01:49 PM Operator: JS
Sample : 12.5 NG/ML PCB COGENER SPIKE Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 19 17:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	4.08	6.43	968	747	0.004m	0.004m
				Recovery	=	10.00%	10.00%
2) S	Decachlorobiphenyl	22.24	30.45	933	409	0.005m	0.005
				Recovery	=	12.50%	12.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.24	11.68	1165	1125	0.013m	0.013m
4) M	2,2',3,3',4,4'-Hexa	16.95	21.58	1986	1619	0.026	0.012m
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.d	N.D.d
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1016			0	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.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\JL19\PS0719E.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL19\PS0719E.D\CONFIRM.D
Acq On : 19 Jul 96 01:49 PM Operator: JS
Sample : 12.5 NG/ML PCB COGENER SPIKE Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 19 17:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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.	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.d	N.D.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

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\PS0719E.D
Signal #2 : D:\HPCHEM\5\JL19\PS0719E.D\CONFIRM.D
Acq On : 19 Jul 96 01:49 PM
Sample : 12.5 NG/ML PCB COGENER SPIKE
Misc :
Quant Time: Jul 19 17:11 1996

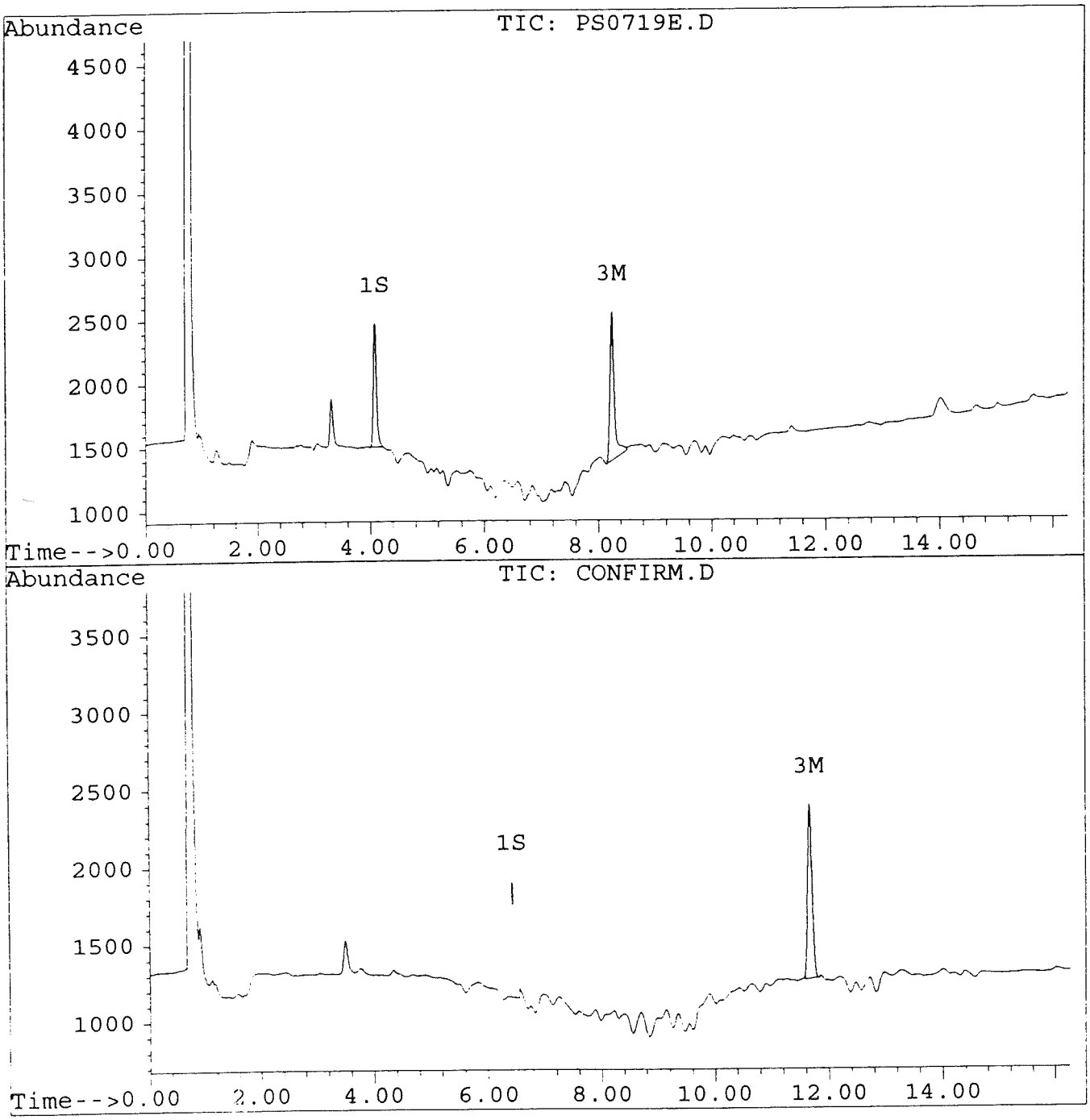
Vial: 5

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

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

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

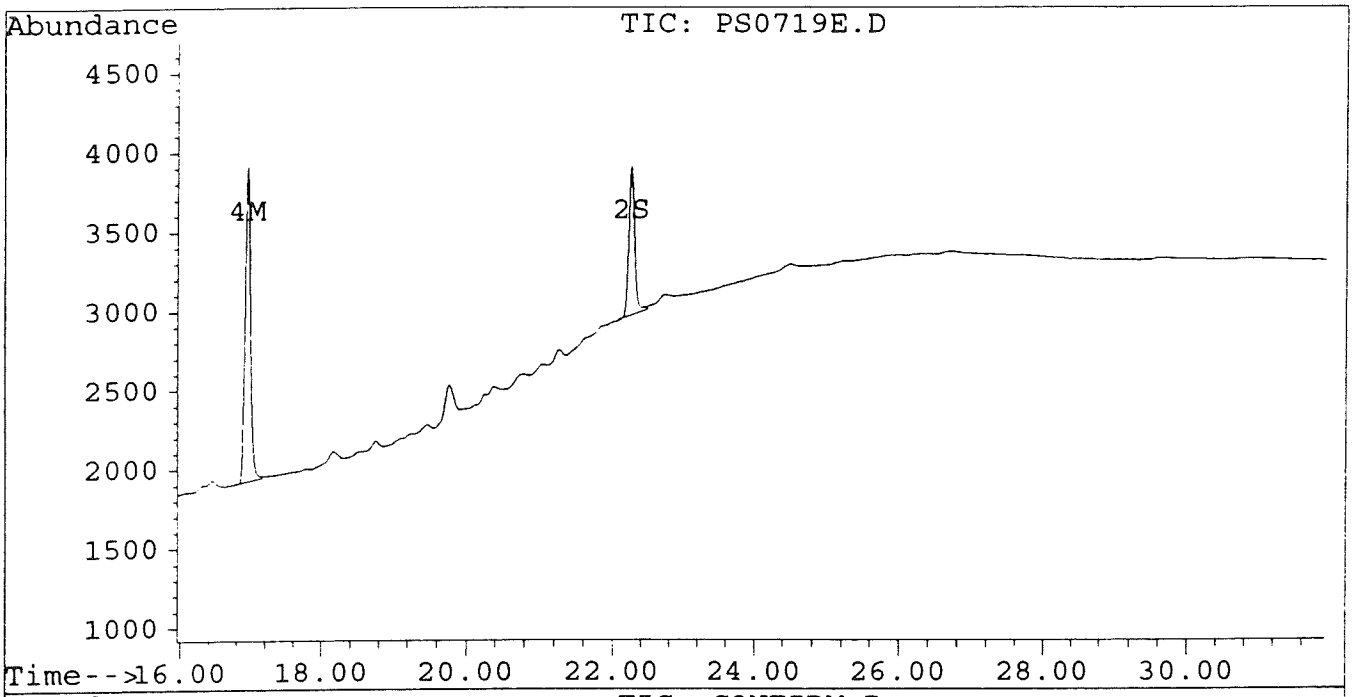


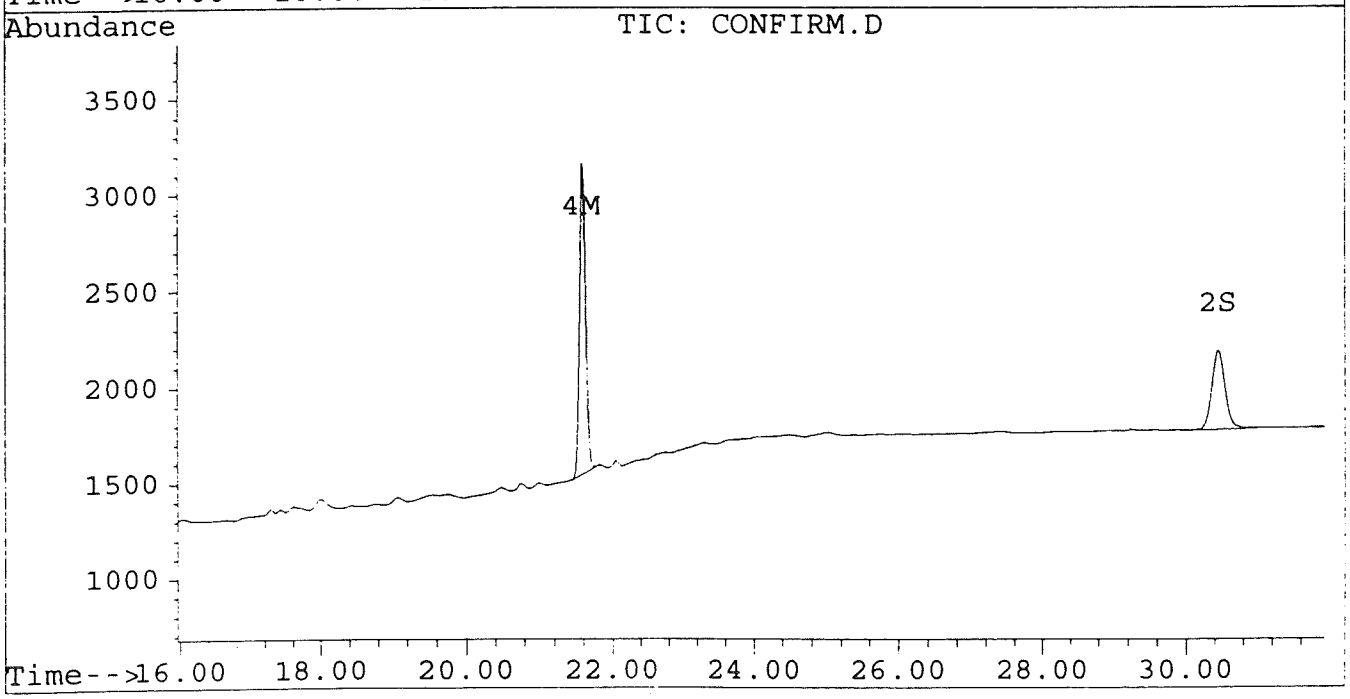
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL19\PS0719E.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL19\PS0719E.D\CONFIRM.D
Acq On : 19 Jul 96 01:49 PM Operator: JS
Sample : 12.5 NG/ML PCB COGENER SPIKE Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 19 17:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Fri Jul 19 17:23:48 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\P5LVL1\PCB5.D Vial: 23
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB5.D\CONFIRM.D
Acq On : 17 Jul 96 10:53 AM Operator: JS
Sample : AR1660 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	363	303	0.002	0.002
				Recovery	=	5.00%	5.00%
2) S	Decachlorobiphenyl	22.24	30.43	387	174	0.002m	0.002m
				Recovery	=	5.00%	5.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1	Aroclor-1016	6.81	8.80	1164	467	0.038	0.035
6) L1	Aroclor-1016 {2}	8.94	10.33	495	1000	0.033	0.037
7) L1	Aroclor-1016 {3}	9.33	12.26	874	556	0.036	0.033
	Total Aroclor-1016			2532	2022	0.107	0.106
	Average Aroclor-1016					0.036	0.035
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\P5LVL1\PCB5.D Vial: 23
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB5.D\CONFIRM.D
Acq On : 17 Jul 96 10:53 AM Operator: JS
Sample : AR1660 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	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	18.21	1130	1037	0.039	0.035
24) L7	Aroclor-1260 {2}	14.71	18.53	1302	1177	0.042	0.036
25) L7	Aroclor-1260 {3}	17.92	21.94	1613	1574	0.042	0.034
Total	Aroclor-1260			4045	3788	NoCal	NoCal
Average	Aroclor-1260					0.041	0.035
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

350

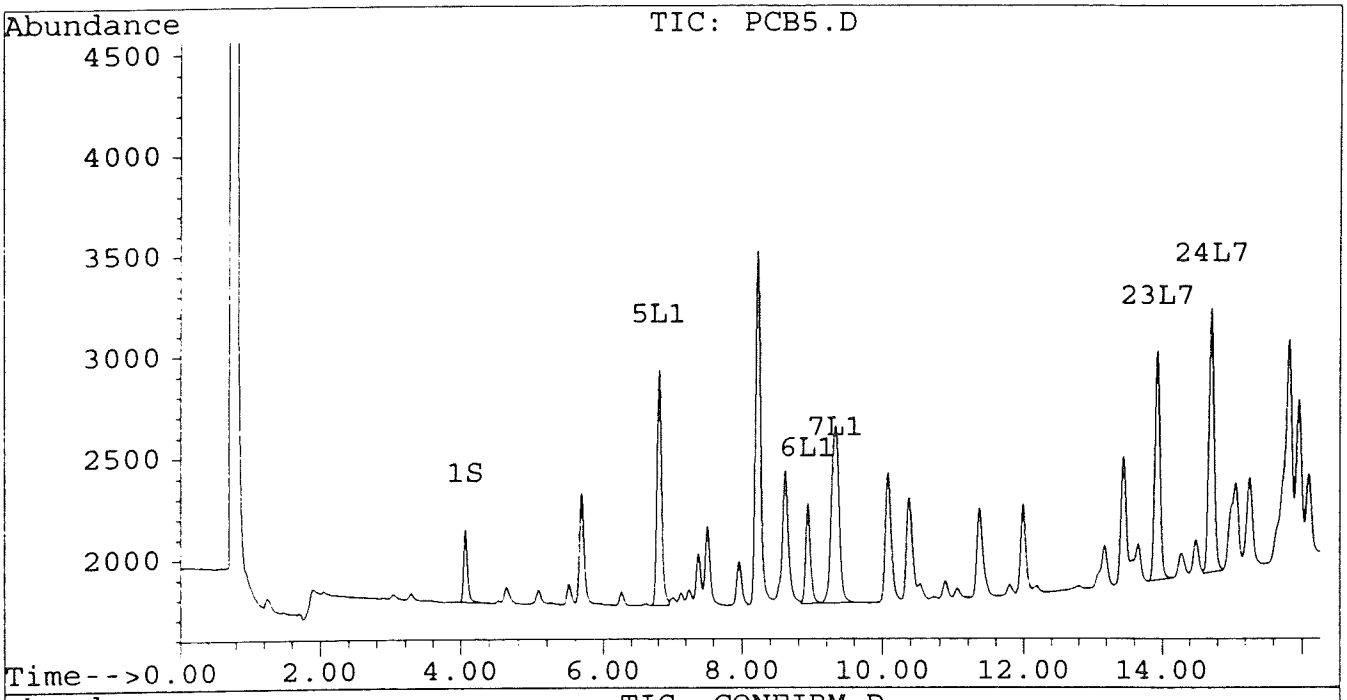
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

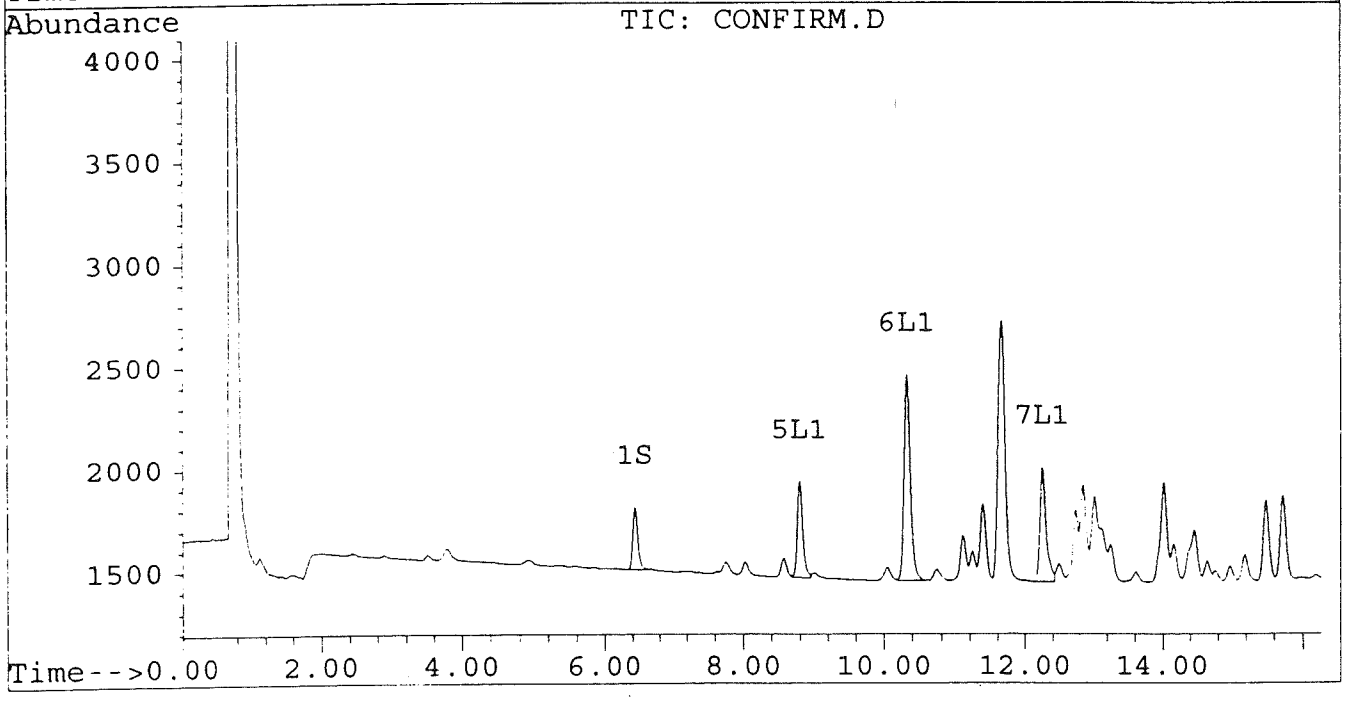
Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\PCB5.D Vial: 23
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB5.D\CONFIRM.D
Acq On : 17 Jul 96 10:53 AM Operator: JS
Sample : AR1660 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB5.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB5.D\CONFIRM.D
Acq On : 17 Jul 96 10:53 AM
Sample : AR1660 0.1 UG/ML
Misc :
Quant Time: Jul 18 15:09 1996

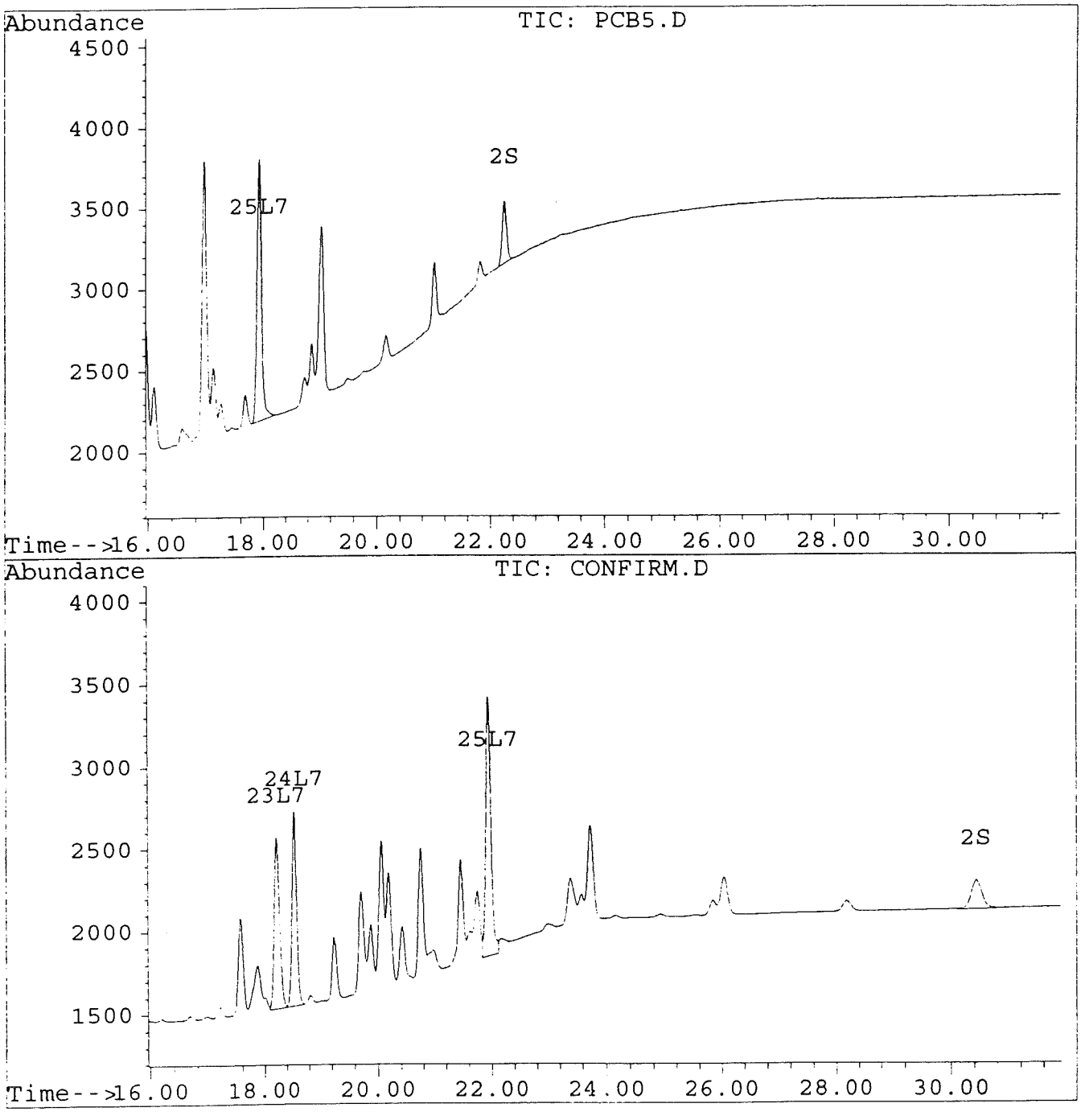
Vial: 23

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB6.D Vial: 24
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB6.D\CONFIRM.D
Acq On : 17 Jul 96 11:28 AM Operator: JS
Sample : AR1254 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.43	28876	22066	0.127	0.118
				Recovery	=	317.50%	295.00%
2) S	Decachlorobiphenyl	22.24	30.44	20535	8878	0.101m	0.109
				Recovery	=	252.50%	272.50%
	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\P5LVL1\PCB6.D Vial: 24
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB6.D\CONFIRM.D
Acq On : 17 Jul 96 11:28 AM Operator: JS
Sample : AR1254 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.99	15.47	43177	35799	1.615	1.390
21) L6 Aroclor-1254 {2}	13.43	15.72	65720	38957	1.987	1.404 #
22) L6 Aroclor-1254 {3}	15.82	17.57	51490	59052	2.225	1.580 #
Total Aroclor-1254			160387	133808	5.827	4.374
Average Aroclor-1254					1.942	1.458
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\P5LVL1\PCB6.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB6.D\CONFIRM.D
Acq On : 17 Jul 96 11:28 AM
Sample : AR1254 5.0 UG/ML
Misc :
Quant Time: Jul 18 15:14 1996

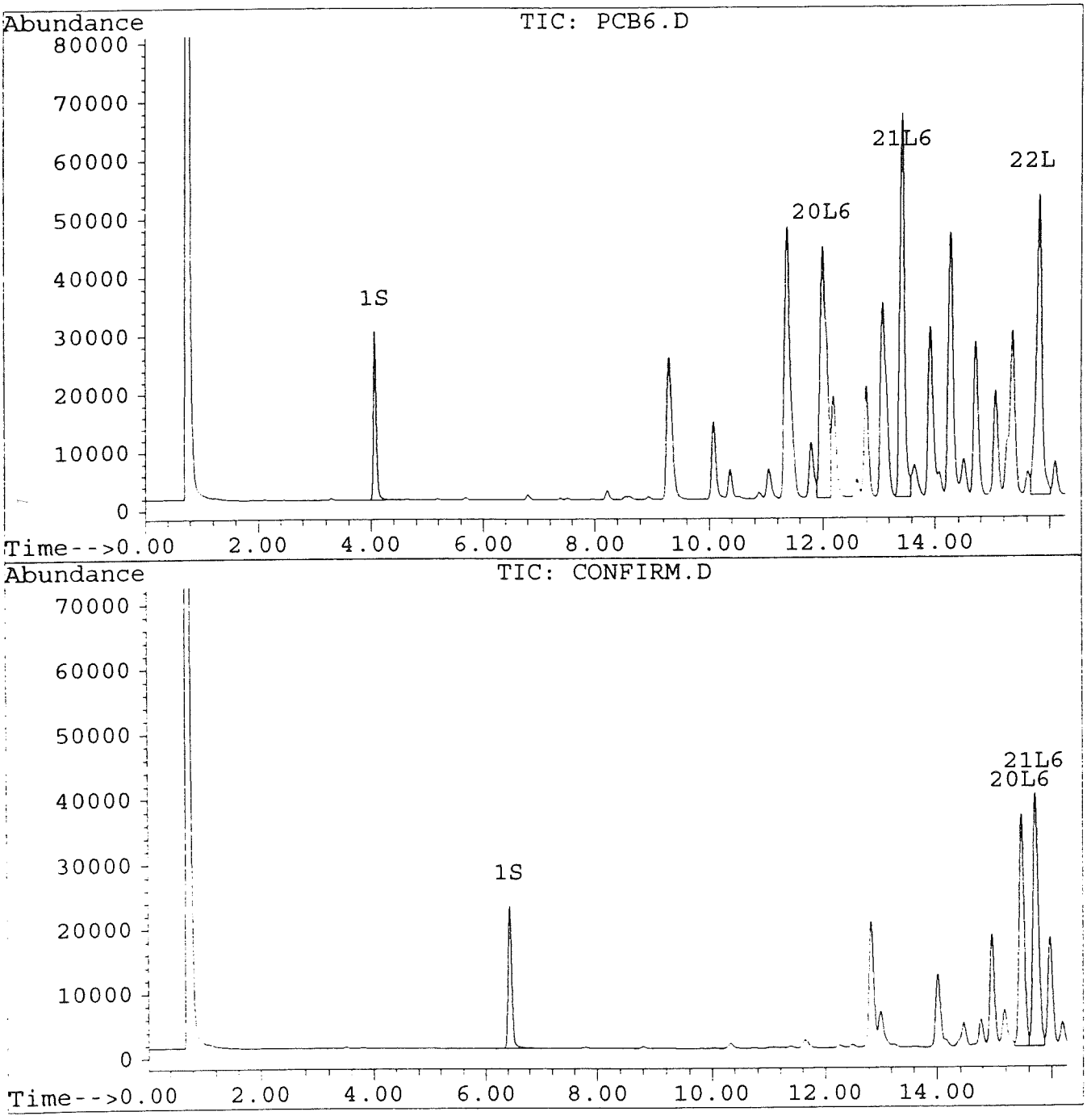
Vial: 24

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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



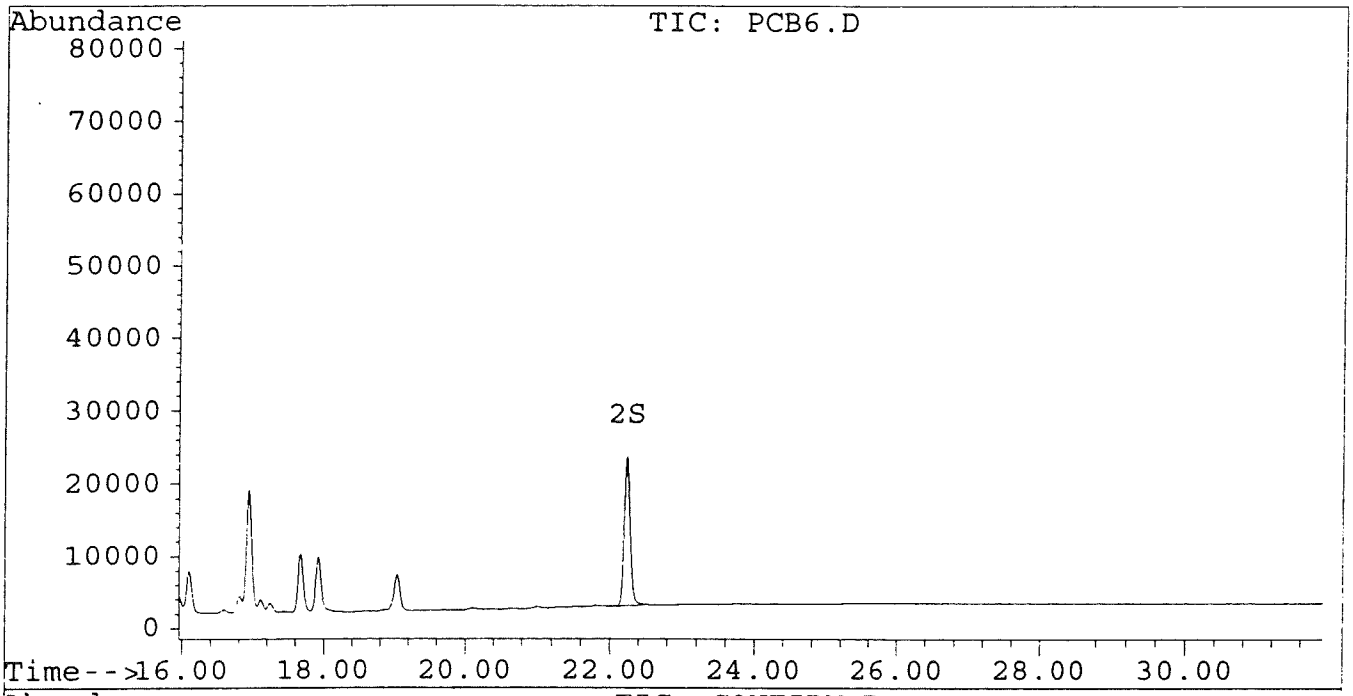
Quantitation Report

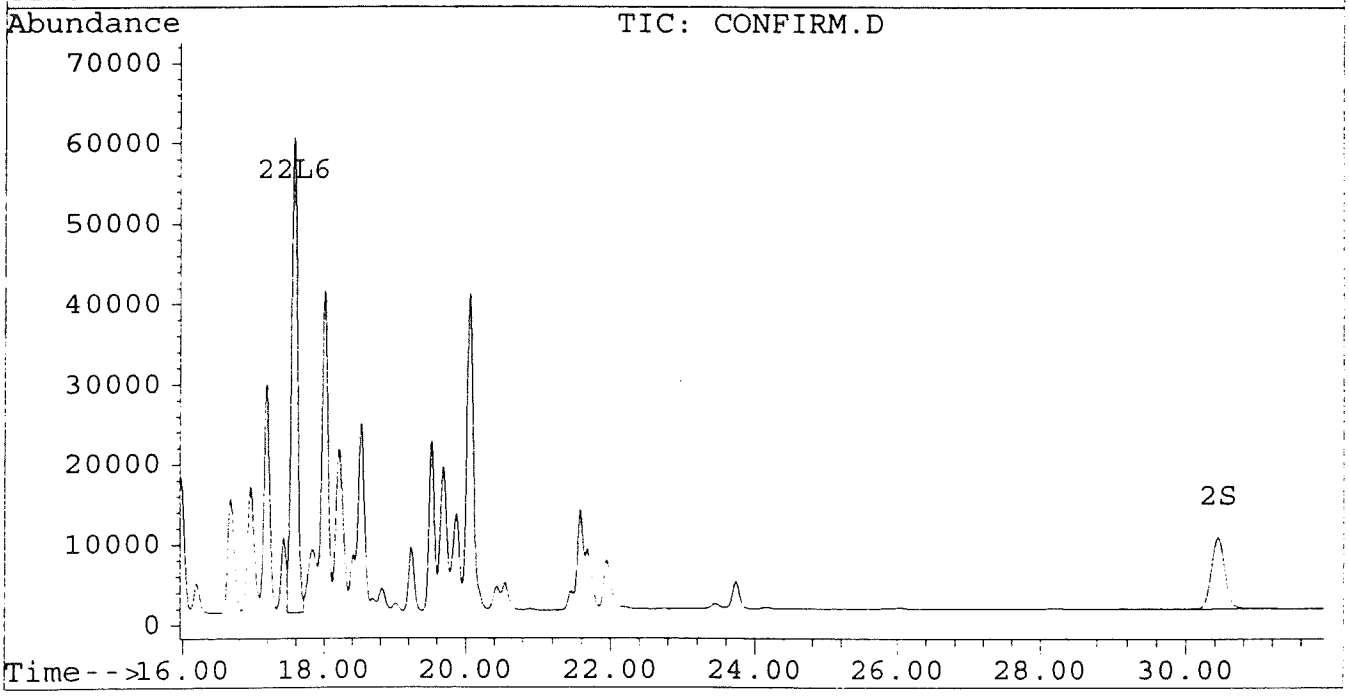
Signal #1 : D:\HPCHEM\5\P5LVL1\PCB6.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB6.D\CONFIRM.D
Acq On : 17 Jul 96 11:28 AM
Sample : AR1254 5.0 UG/ML
Misc :
Quant Time: Jul 18 15:14 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB7.D Vial: 25
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB7.D\CONFIRM.D
Acq On : 17 Jul 96 12:04 PM Operator: JS
Sample : AR1254 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.43	13723	10362	0.060	0.055
				Recovery	=	150.00%	137.50%
2) S	Decachlorobiphenyl	22.24	30.44	10534	4504	0.052m	0.055
				Recovery	=	130.00%	137.50%
	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\P5LVL1\PCB7.D Vial: 25
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB7.D\CONFIRM.D
Acq On : 17 Jul 96 12:04 PM Operator: JS
Sample : AR1254 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.99	15.48	24163	19884	0.904	0.772
21) L6 Aroclor-1254 {2}	13.43	15.72	35801	21797	1.082	0.786 #
22) L6 Aroclor-1254 {3}	15.82	17.57	27247	32283	1.177	0.864 #
Total Aroclor-1254			87211	73964	3.163	2.421
Average Aroclor-1254					1.054	0.807
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.

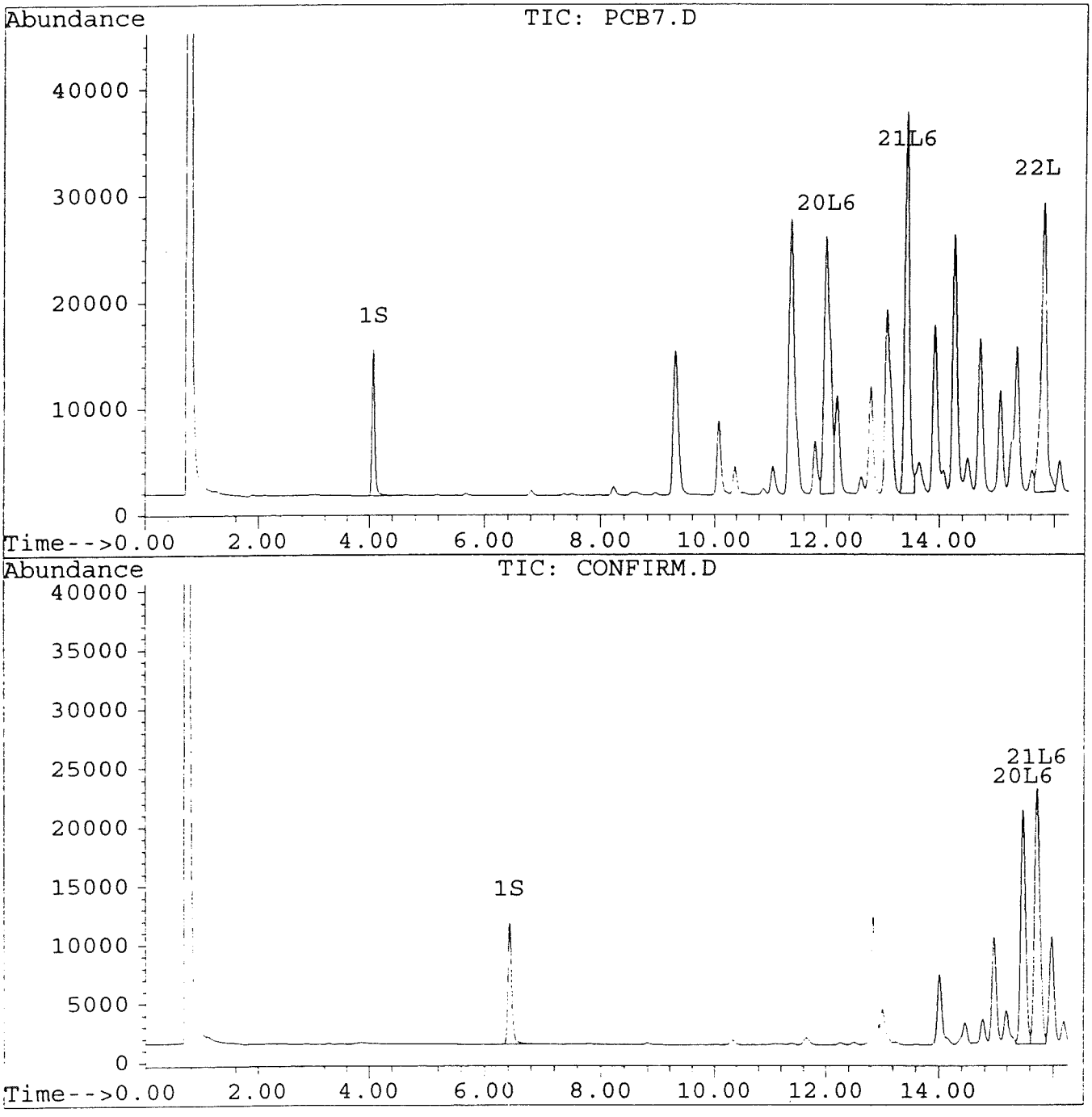
Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\PCB7.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB7.D\CONFIRM.D
Acq On : 17 Jul 96 12:04 PM
Sample : AR1254 2.5 UG/ML
Misc :
Quant Time: Jul 18 15:15 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB7.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB7.D\CONFIRM.D
Acq On : 17 Jul 96 12:04 PM
Sample : AR1254 2.5 UG/ML
Misc :
Quant Time: Jul 18 15:15 1996

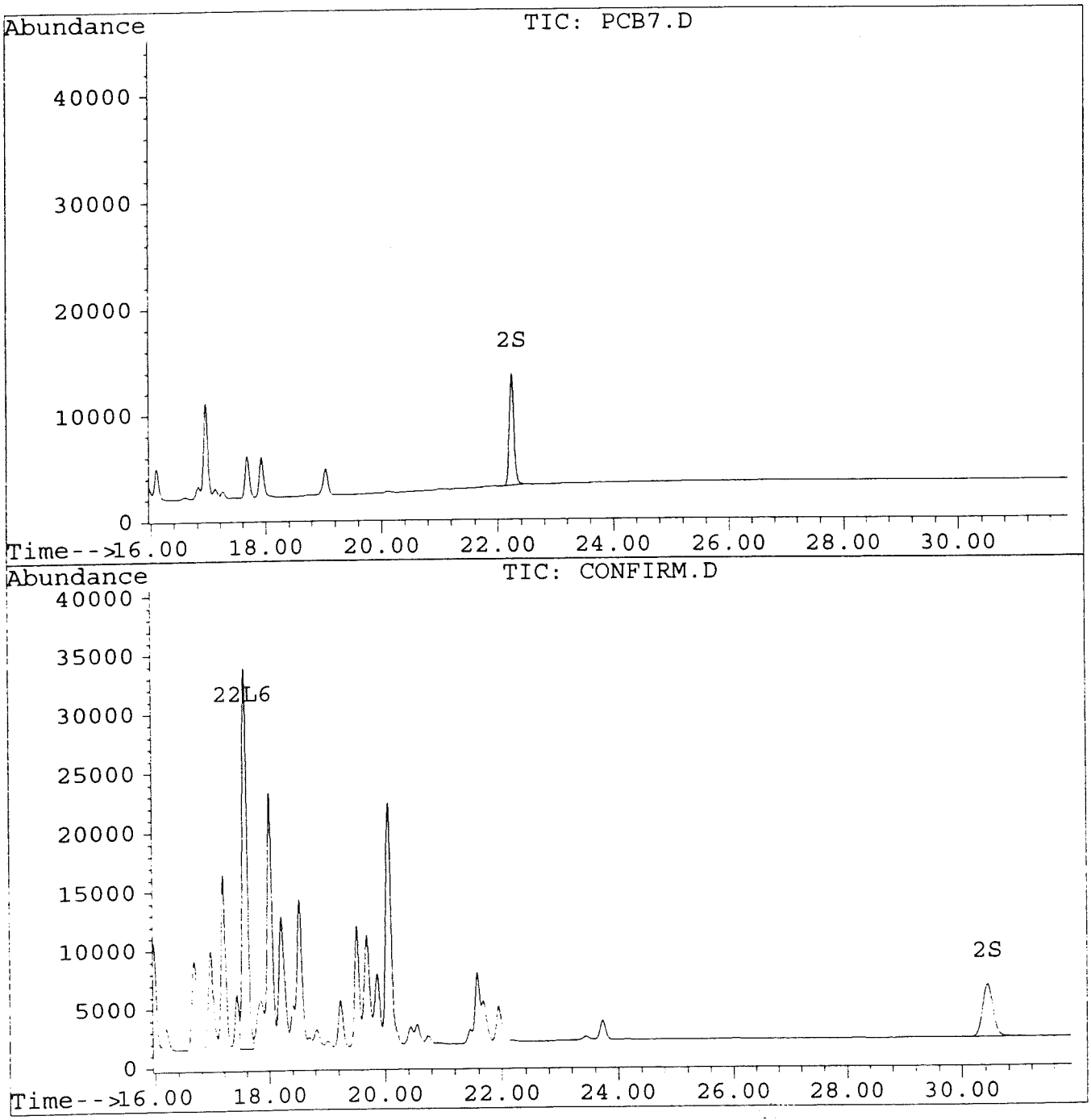
Vial: 25

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB8.D Vial: 26
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB8.D\CONFIRM.D
Acq On : 17 Jul 96 12:40 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.06	6.43	4772	3525	0.021	0.019
				Recovery	=	52.50%	47.50%
2)	S Decachlorobiphenyl	22.23	30.43	4160	1715	0.021m	0.021
				Recovery	=	52.50%	52.50%
	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\P5LVL1\PCB8.D Vial: 26
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB8.D\CONFIRM.D
Acq On : 17 Jul 96 12:40 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.99	15.47	10383	8306	0.388	0.322
21) L6 Aroclor-1254 {2}	13.43	15.72	14658	9165	0.443	0.330 #
22) L6 Aroclor-1254 {3}	15.82	17.57	10796	12917	0.467	0.346 #
Total Aroclor-1254			35836	30388	1.298	0.998
Average Aroclor-1254					0.433	0.333
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

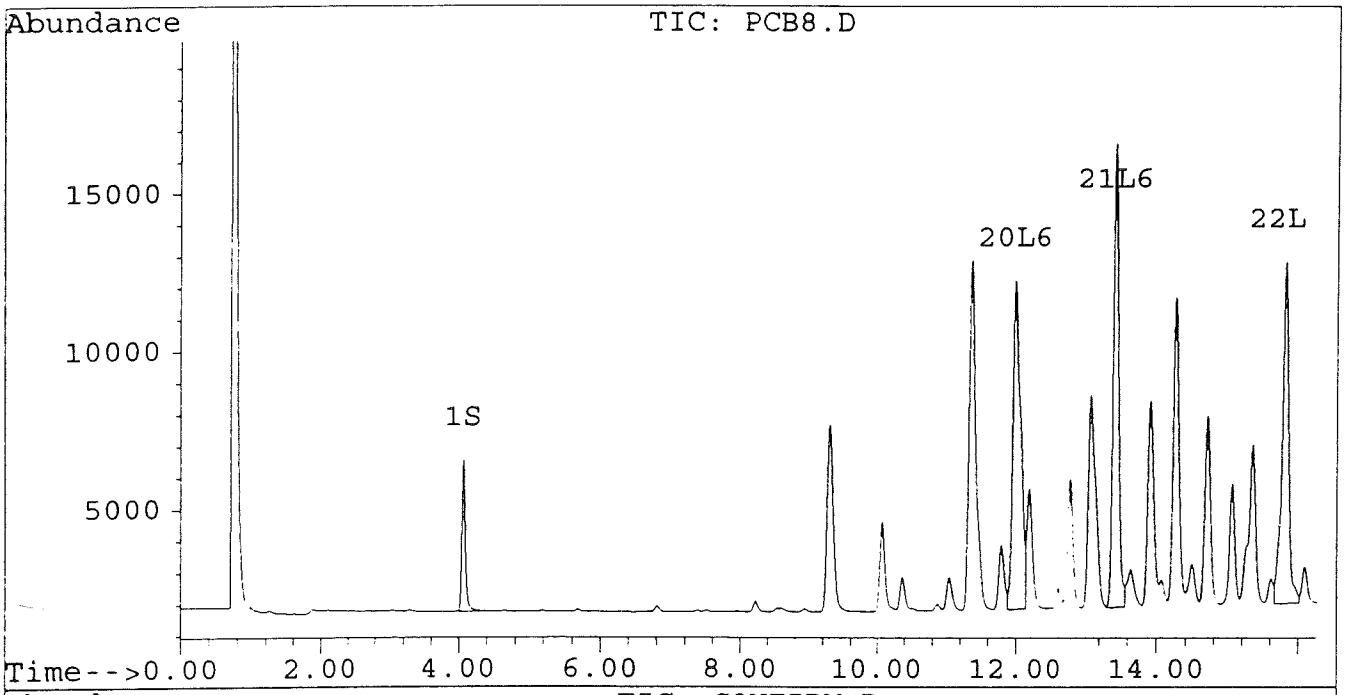
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

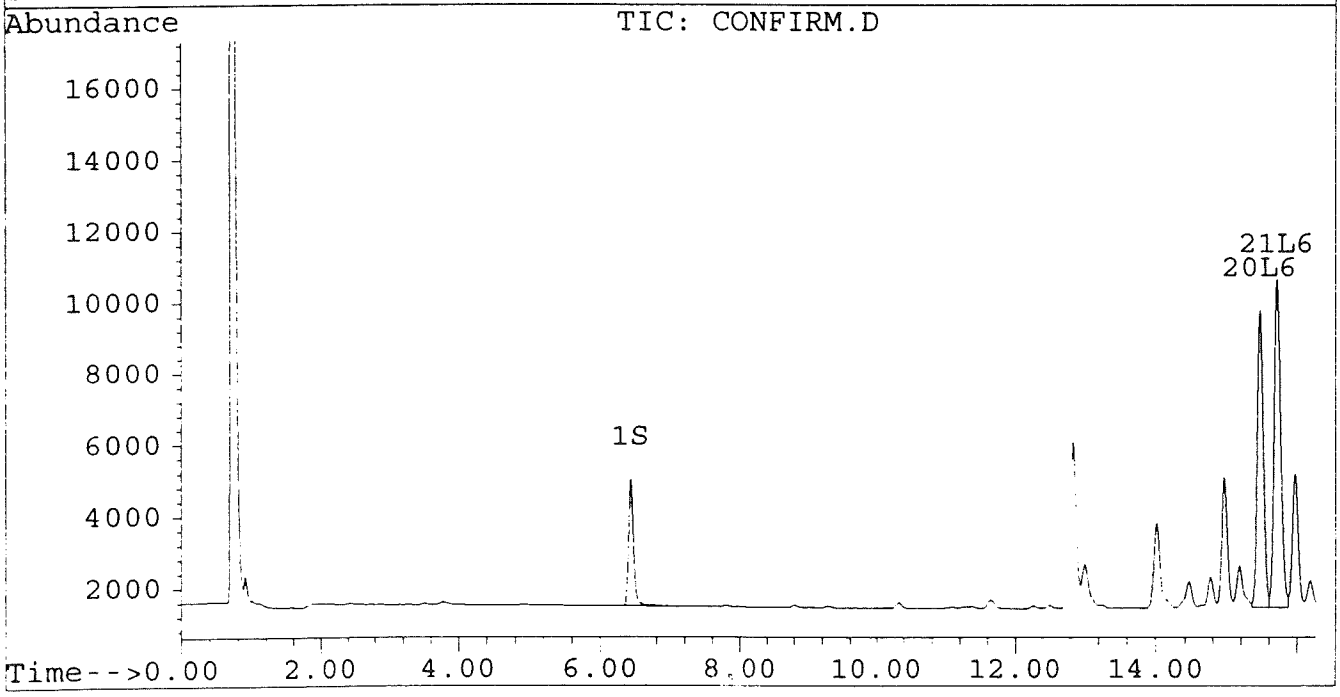
Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\PCB8.D Vial: 26
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB8.D\CONFIRM.D
Acq On : 17 Jul 96 12:40 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB8.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB8.D\CONFIRM.D
Acq On : 17 Jul 96 12:40 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 18 15:16 1996

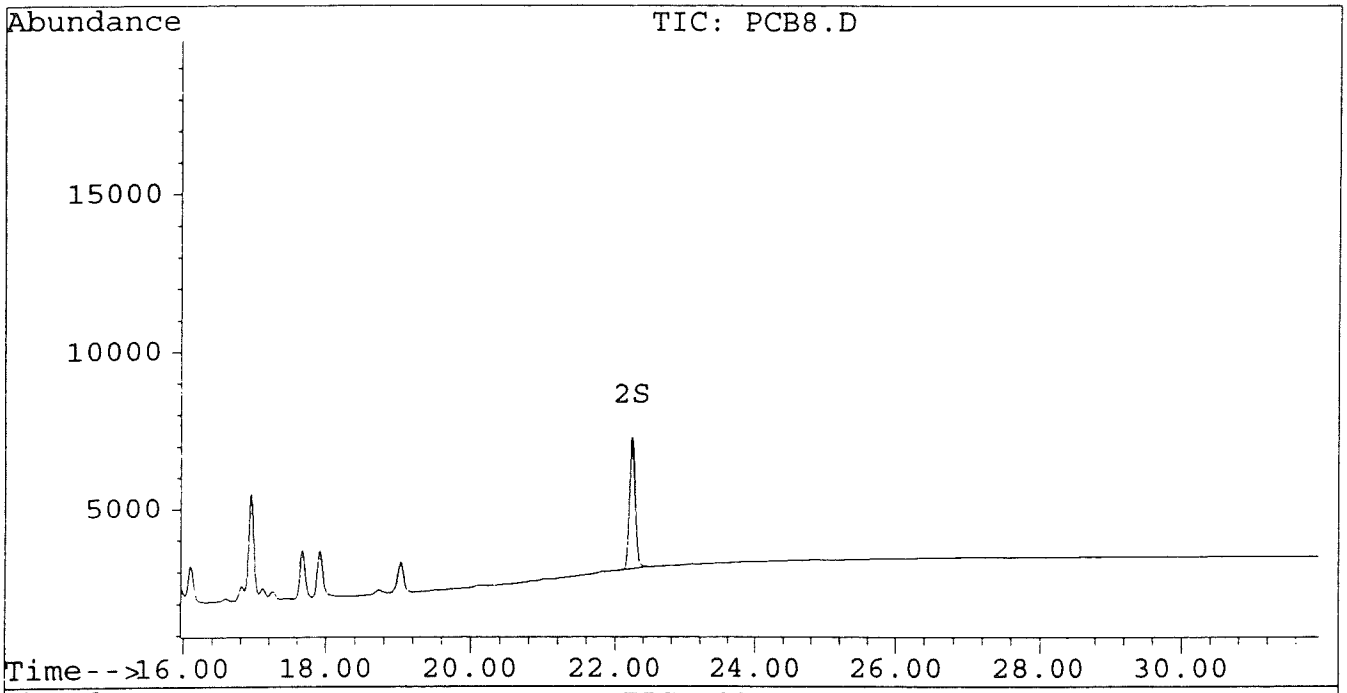
Vial: 26

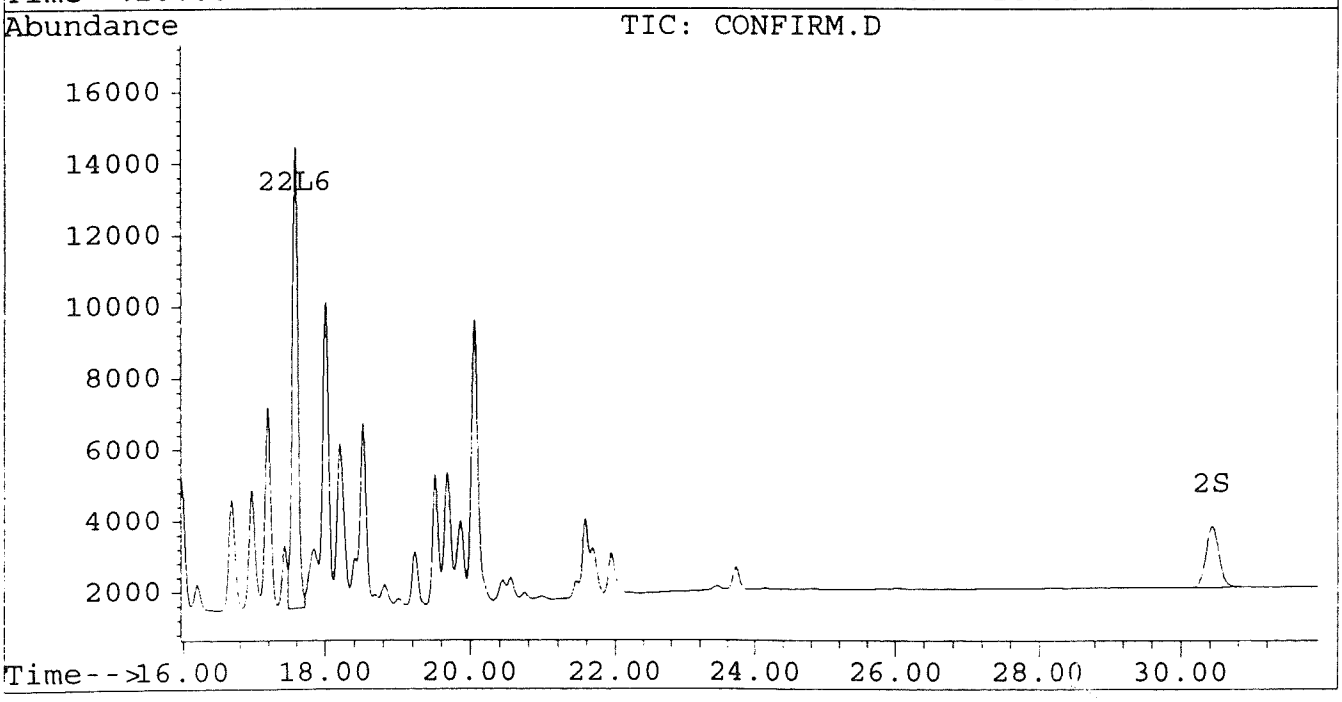
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB9.D Vial: 27
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB9.D\CONFIRM.D
Acq On : 17 Jul 96 01:15 PM Operator: JS
Sample : AR1254 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.44	2221	1725	0.010	0.009
				Recovery	=	25.00%	22.50%
2) S	Decachlorobiphenyl	22.24	30.44	2071	906	0.010m	0.011
				Recovery	=	25.00%	27.50%
	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\P5LVL1\PCB9.D Vial: 27
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB9.D\CONFIRM.D
Acq On : 17 Jul 96 01:15 PM Operator: JS
Sample : AR1254 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:17 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.99	15.48	5238	4342	0.196	0.169
21) L6 Aroclor-1254 {2}	13.43	15.72	7050	4797	0.213	0.173
22) L6 Aroclor-1254 {3}	15.82	17.57	5049	6487	0.218	0.174
Total Aroclor-1254			17337	15627	0.627	0.515
Average Aroclor-1254					0.209	0.172
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\P5LVL1\PCB9.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB9.D\CONFIRM.D
Acq On : 17 Jul 96 01:15 PM
Sample : AR1254 0.5 UG/ML
Misc :
Quant Time: Jul 18 15:17 1996

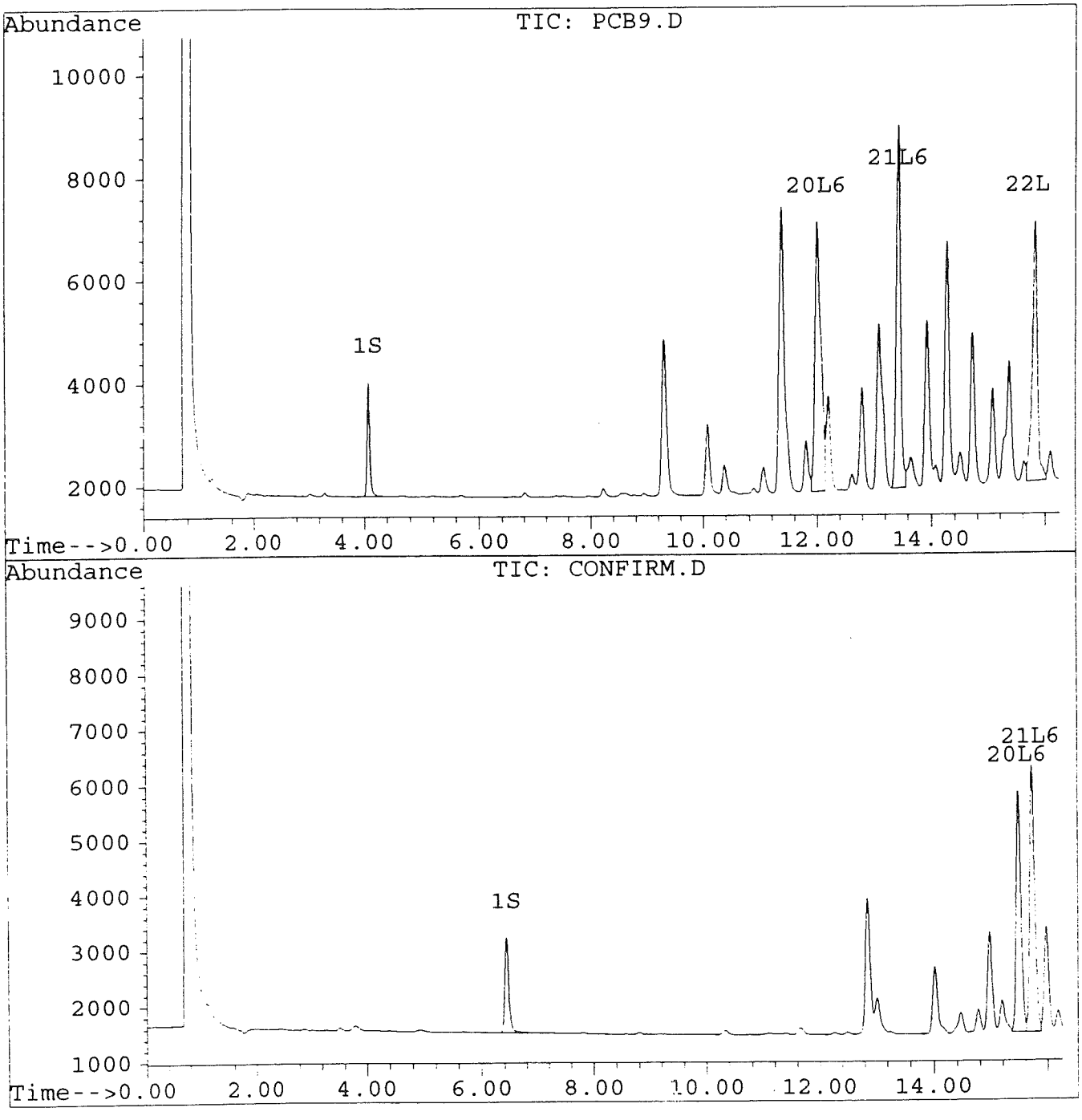
Vial: 27

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB9.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB9.D\CONFIRM.D
Acq On : 17 Jul 96 01:15 PM
Sample : AR1254 0.5 UG/ML
Misc :
Quant Time: Jul 18 15:17 1996

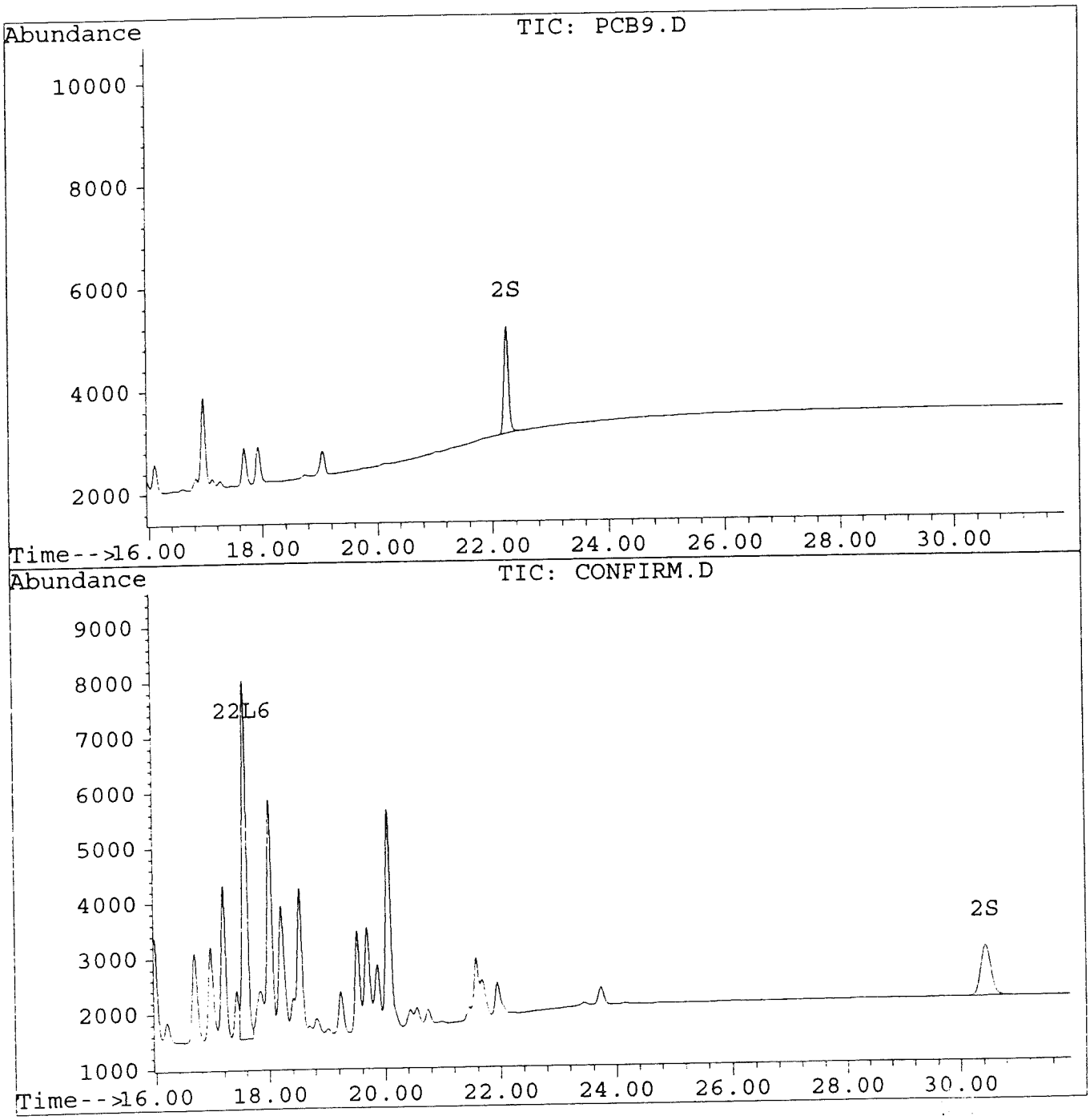
Vial: 27

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB10.D Vial: 28
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB10.D\CONFIRM.D
Acq On : 17 Jul 96 01:51 PM Operator: JS
Sample : AR1254 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.06	6.44	384	321	0.002	0.002
					Recovery	=	5.00%	5.00%
2)	S	Decachlorobiphenyl	22.24	30.44	401	177	0.002m	0.002
					Recovery	=	5.00%	5.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4)	M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.	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.d	N.D.d
		Total Aroclor-1016			0	0	N.D.	N.D.
		Average Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 (3)	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1221			0	0	N.D.	N.D.
		Average Aroclor-1221					0.000	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 (2)	0.00	0.00	0	0	N.D.	N.D.
13)	L3	Aroclor-1232 (3)	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1232			0	0	N.D.	N.D.
		Average Aroclor-1232					0.000	0.000
14)	L4	Aroclor-1242	0.00	0.00	0	0	N.D.d	N.D.d
15)	L4	Aroclor-1242 (2)	0.00	0.00	0	0	N.D.d	N.D.d
16)	L4	Aroclor-1242 (3)	0.00	0.00	0	0	N.D.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\P5LVL1\PCB10.D Vial: 28
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB10.D\CONFIRM.D
Acq On : 17 Jul 96 01:51 PM Operator: JS
Sample : AR1254 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.99	15.48	957	819	0.036	0.038
21) L6 Aroclor-1254 {2}	13.43	15.72	1180	904	0.040	0.039
22) L6 Aroclor-1254 {3}	15.82	17.57	859	1122	0.043	0.035
Total Aroclor-1254			2996	2846	0.119	0.112
Average Aroclor-1254					0.040	0.037
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.

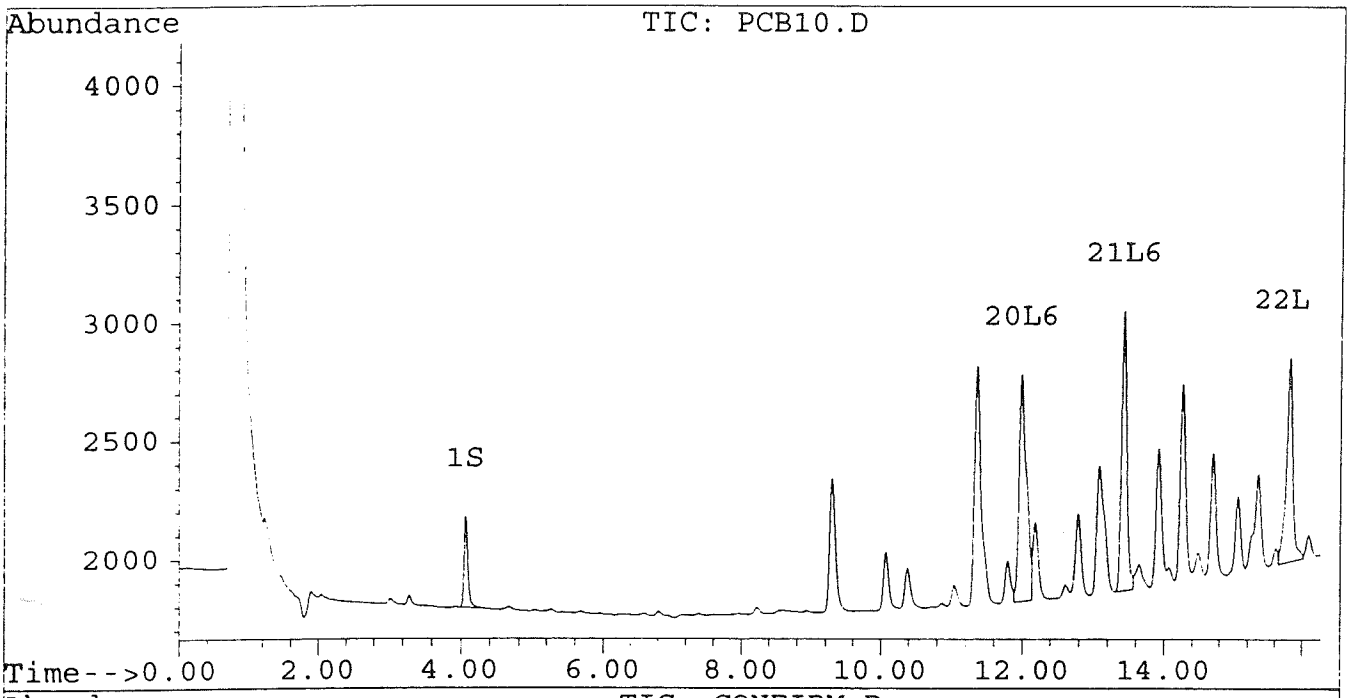
Quantitation Report

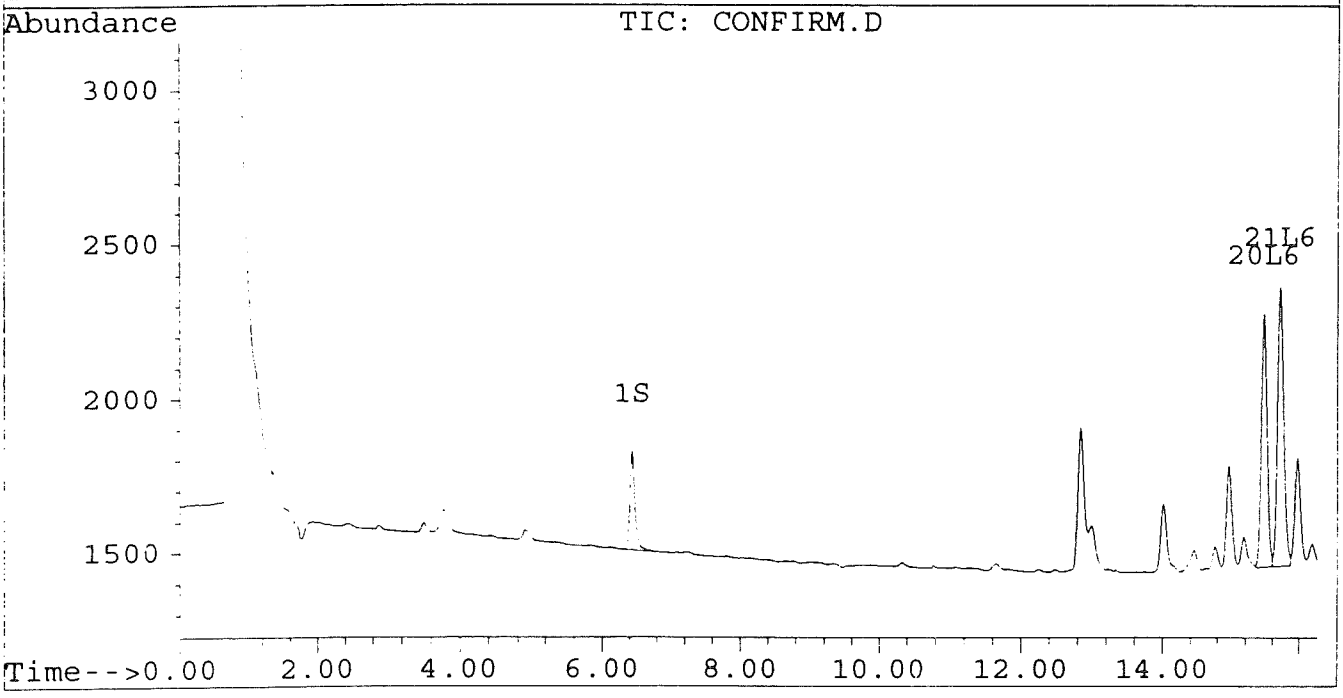
Signal #1 : D:\HPCHEM\5\P5LVL1\PCB10.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB10.D\CONFIRM.D
Acq On : 17 Jul 96 01:51 PM
Sample : AR1254 0.1 UG/ML
Misc :
Quant Time: Jul 18 15:59 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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



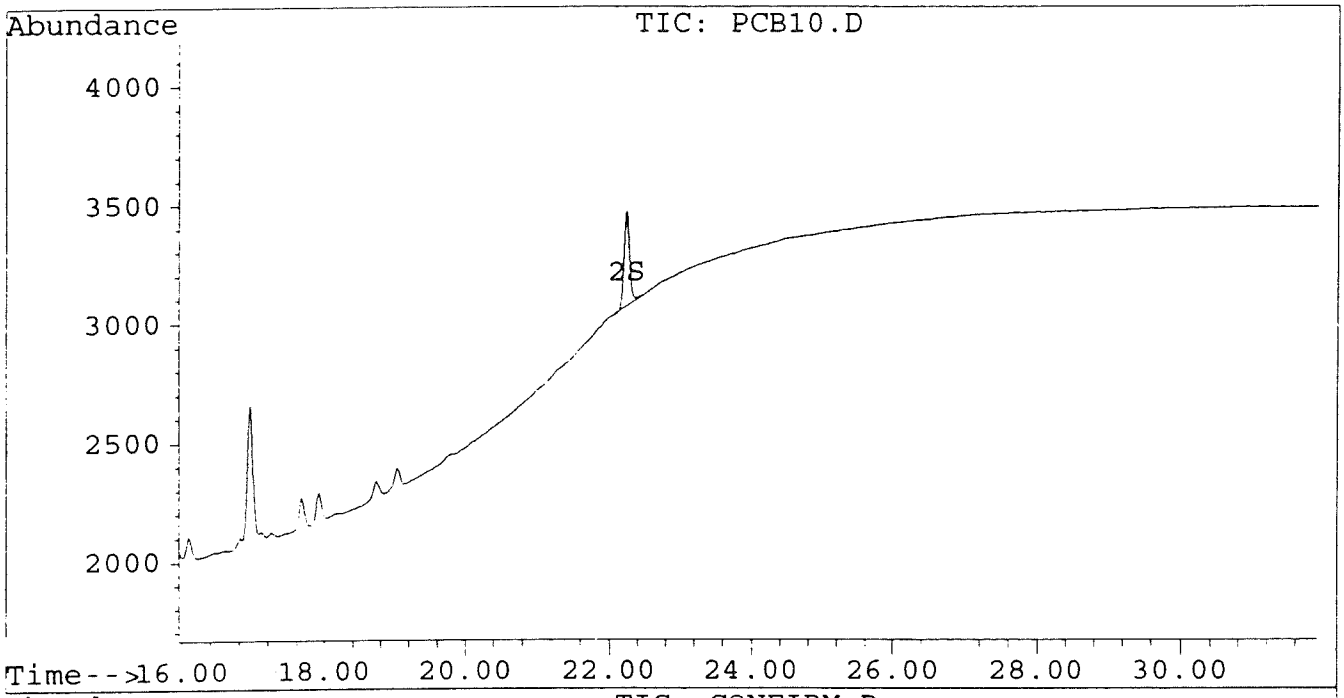


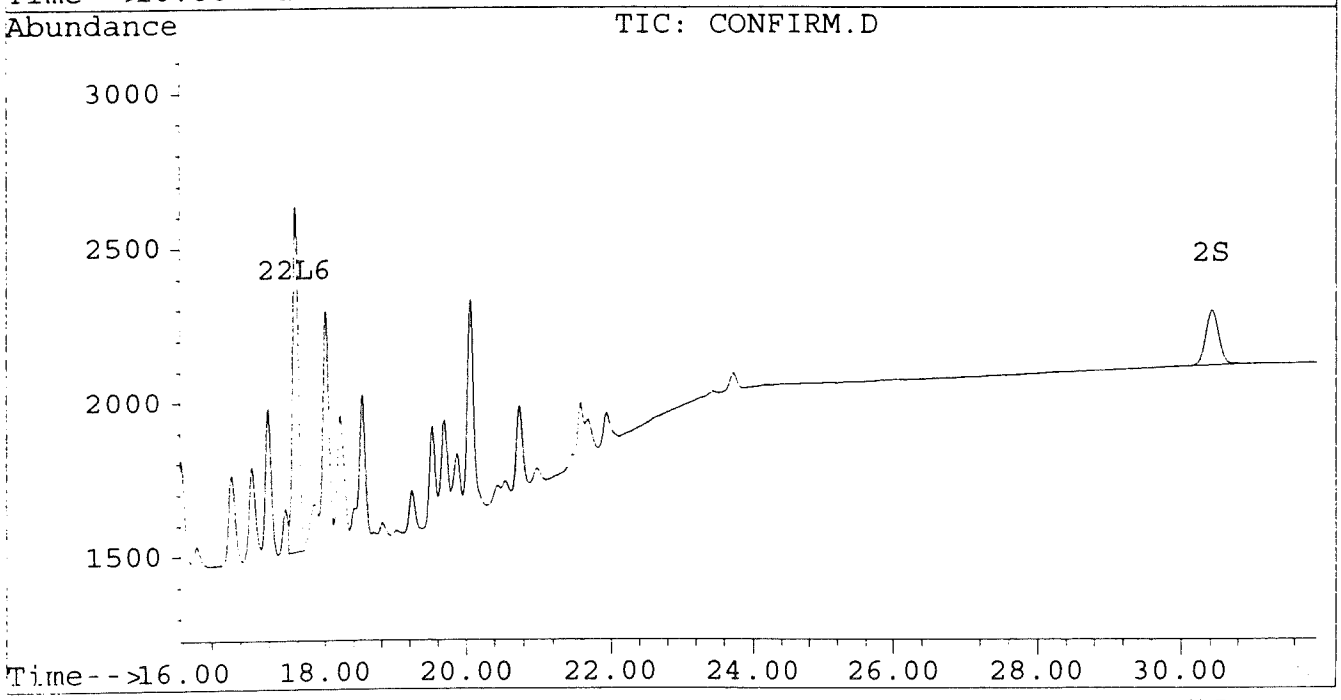
Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\PCB10.D Vial: 28
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB10.D\CONFIRM.D
Acq On : 17 Jul 96 01:51 PM Operator: JS
Sample : AR1254 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB11.D Vial: 29
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB11.D\CONFIRM.D
Acq On : 17 Jul 96 02:27 PM Operator: JS
Sample : AR1242 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.43	27963	21620	0.123	0.116
				Recovery	=	307.50%	290.00%
2) S	Decachlorobiphenyl	22.24	30.44	20386	8846	0.101m	0.108m
				Recovery	=	252.50%	270.00%
	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	11.66	63059	45129	1.679	1.547
15) L4	Aroclor-1242 {2}	8.94	12.25	21134	19445	1.908	1.545
16) L4	Aroclor-1242 {3}	10.08	14.01	25832	18945	1.764	1.518
Total	Aroclor-1242			110025	83519	5.351	4.610
Average	Aroclor-1242					1.784	1.537
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\P5LVL1\PCB11.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB11.D\CONFIRM.D
Acq On : 17 Jul 96 02:27 PM
Sample : AR1242 5.0 UG/ML
Misc :
Quant Time: Jul 18 15:18 1996

Vial: 29

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.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

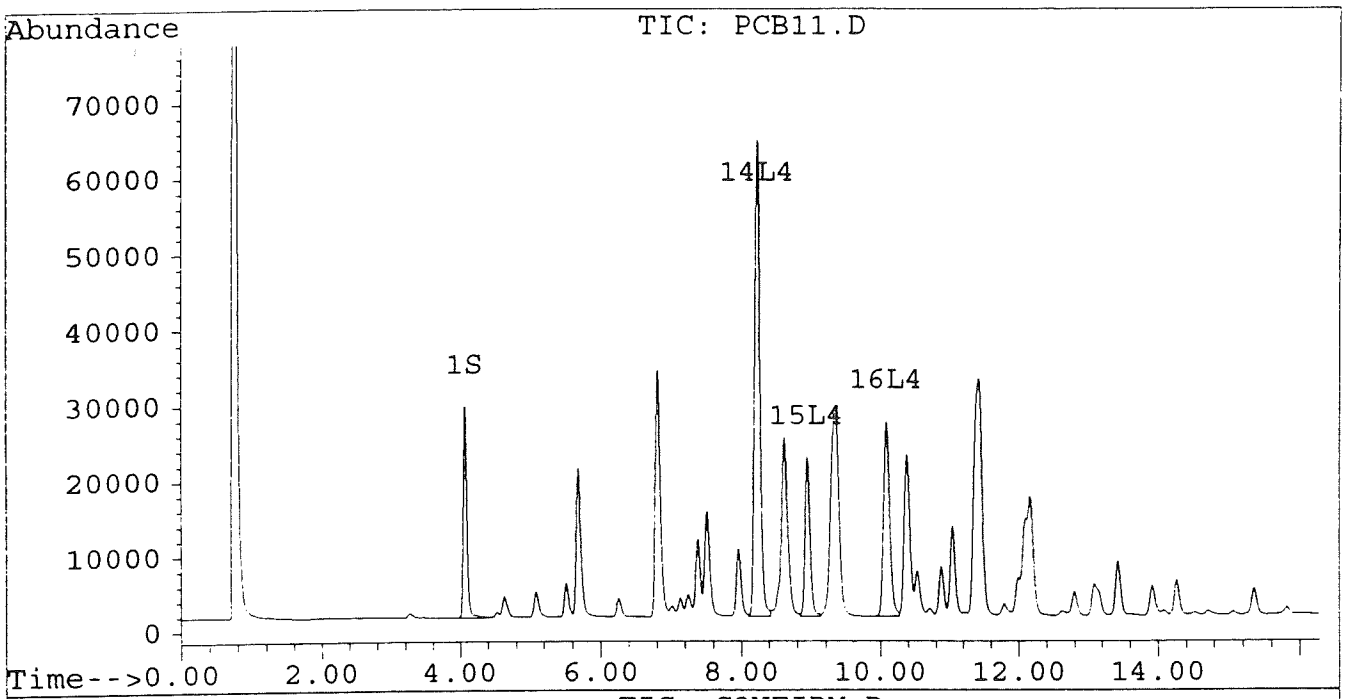
Quantitation Report

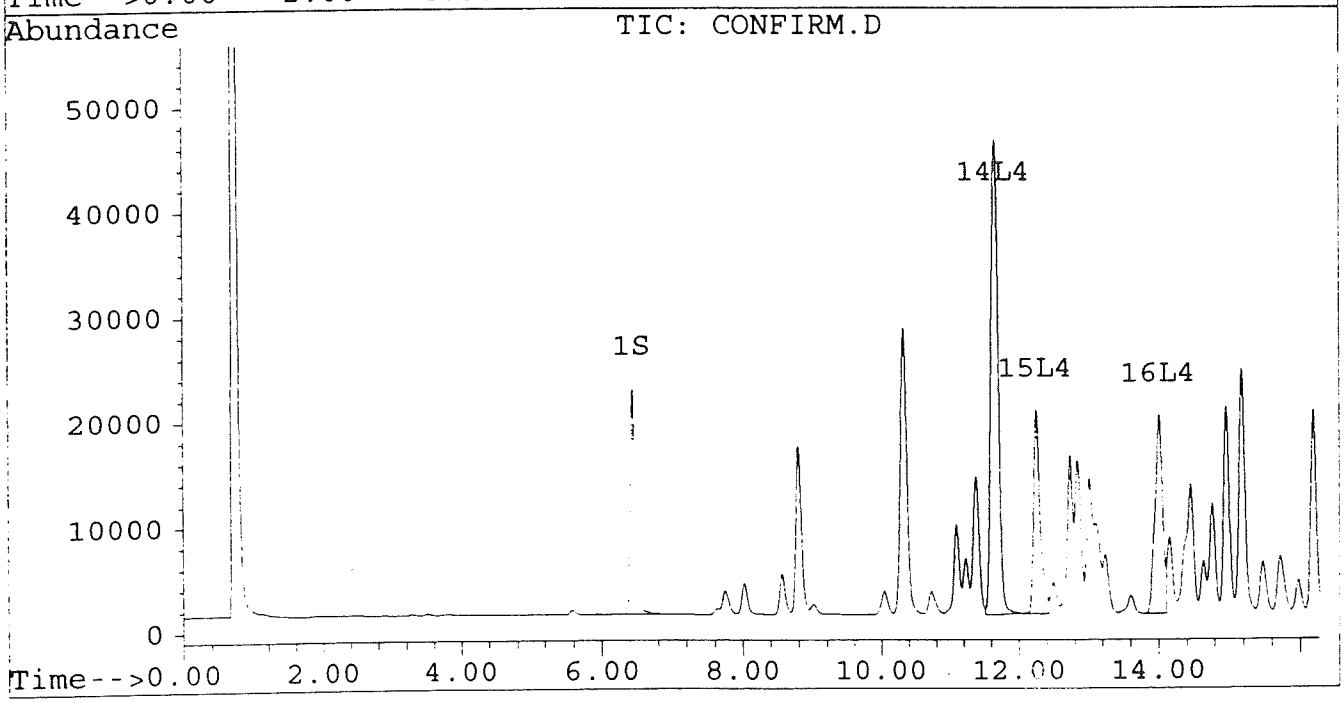
Signal #1 : D:\HPCHEM\5\P5LVL1\PCB11.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB11.D\CONFIRM.D
Acq On : 17 Jul 96 02:27 PM
Sample : AR1242 5.0 UG/ML
Misc :
Quant Time: Jul 18 15:18 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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



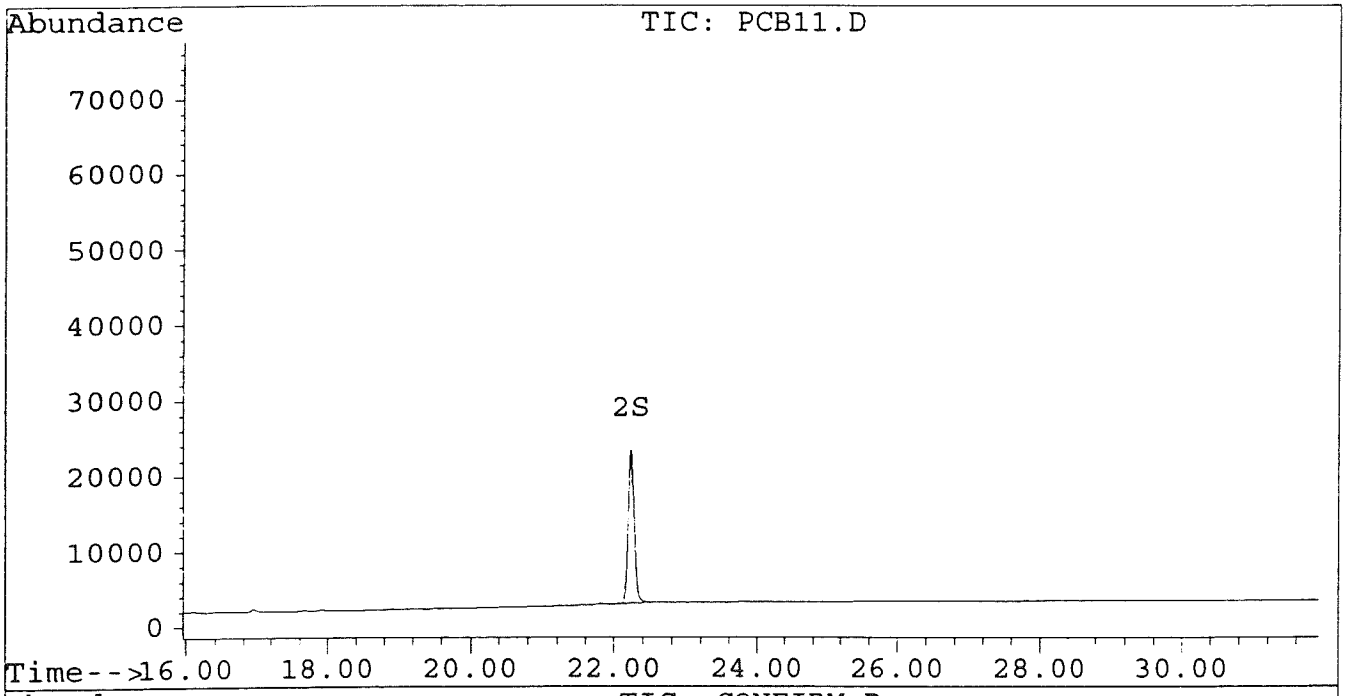


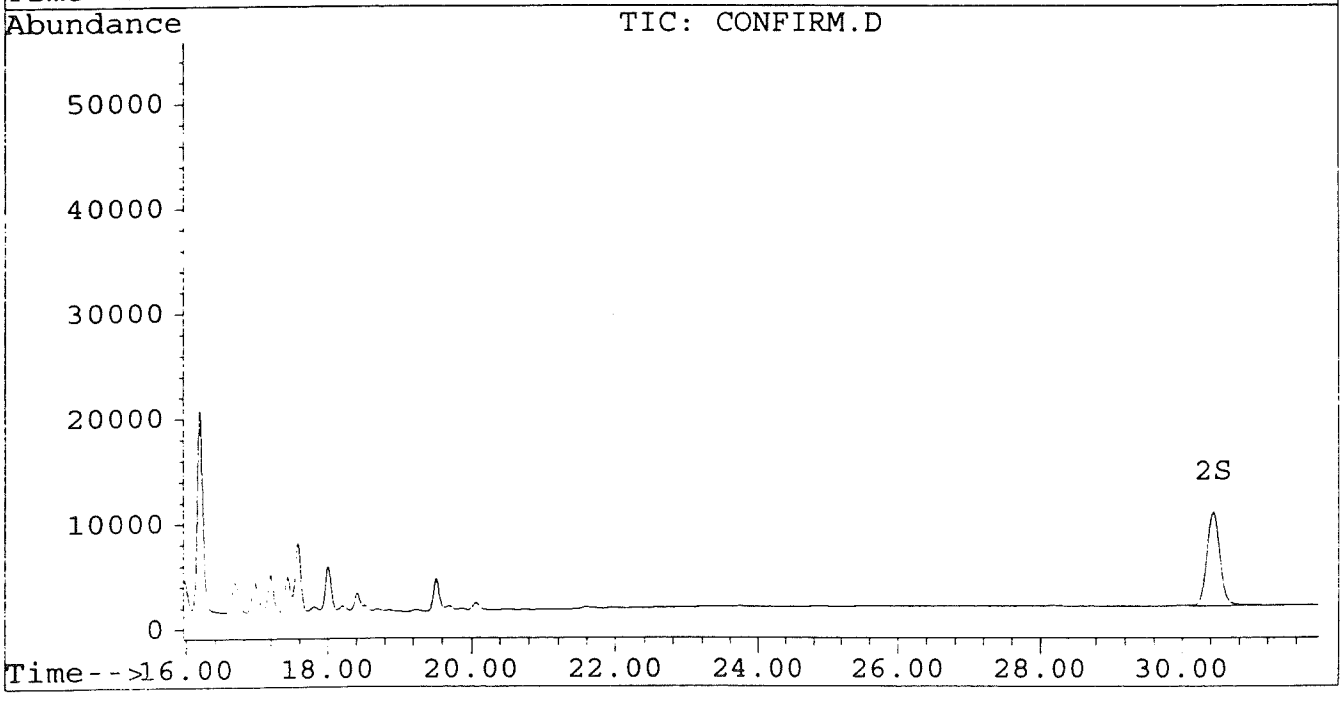
Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\PCB11.D Vial: 29
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB11.D\CONFIRM.D
Acq On : 17 Jul 96 02:27 PM Operator: JS
Sample : AR1242 5.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:18 1996

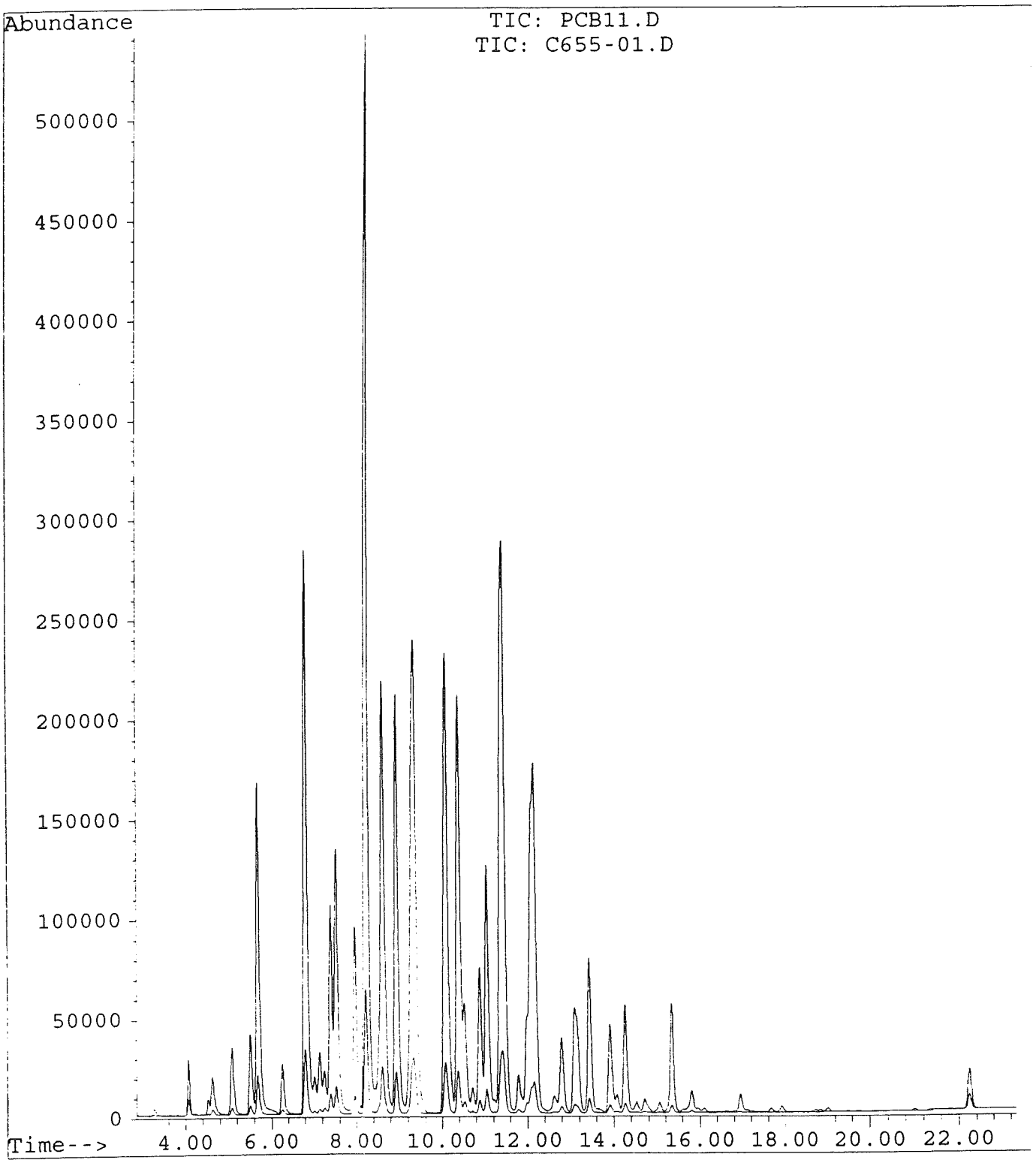
Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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





File : D:\HPCHEM\5\P5LVL1\PCB11.D
Operator : JS
Acquired : 17 Jul 96 02:27 PM using AcqMethod PCB1F.MTH
Instrument : ECD1
Sample Name: AR1242 5.0 UG/ML
Misc Info :
Vial Number: 29



Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\PCB12.D Vial: 30
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB12.D\CONFIRM.D
Acq On : 17 Jul 96 03:03 PM Operator: JS
Sample : AR1242 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.44	11761	9788	0.052	0.052
				Recovery	=	130.00%	130.00%
2) S	Decachlorobiphenyl	22.24	30.44	10447	4436	0.052m	0.054m
				Recovery	=	130.00%	135.00%
	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	11.66	34067	24118	0.907	0.827
15) L4	Aroclor-1242 (2)	8.94	12.25	10544	10386	0.952	0.825
16) L4	Aroclor-1242 (3)	10.08	14.01	13549	10001	0.925	0.801
	Total Aroclor-1242			58160	44505	2.784	2.453
	Average Aroclor-1242					0.928	0.818
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\P5LVL1\PCB12.D Vial: 30
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB12.D\CONFIRM.D
Acq On : 17 Jul 96 03:03 PM Operator: JS
Sample : AR1242 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	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\P5LVL1\PCB12.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB12.D\CONFIRM.D
Acq On : 17 Jul 96 03:03 PM
Sample : AR1242 2.5 UG/ML
Misc :
Quant Time: Jul 18 15:19 1996

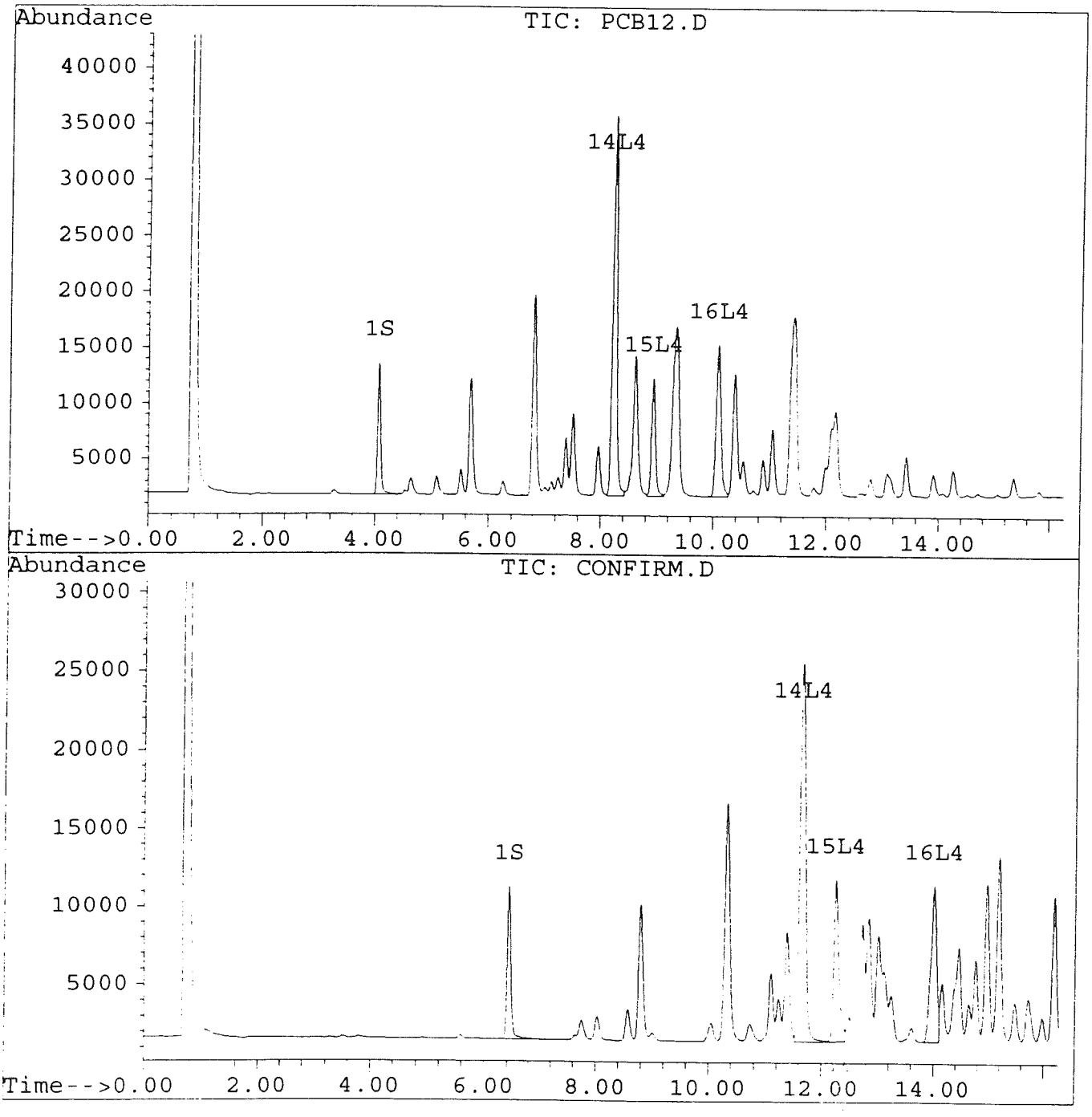
Vial: 30

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB12.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB12.D\CONFIRM.D
Acq On : 17 Jul 96 03:03 PM
Sample : AR1242 2.5 UG/ML
Misc :
Quant Time: Jul 18 15:19 1996

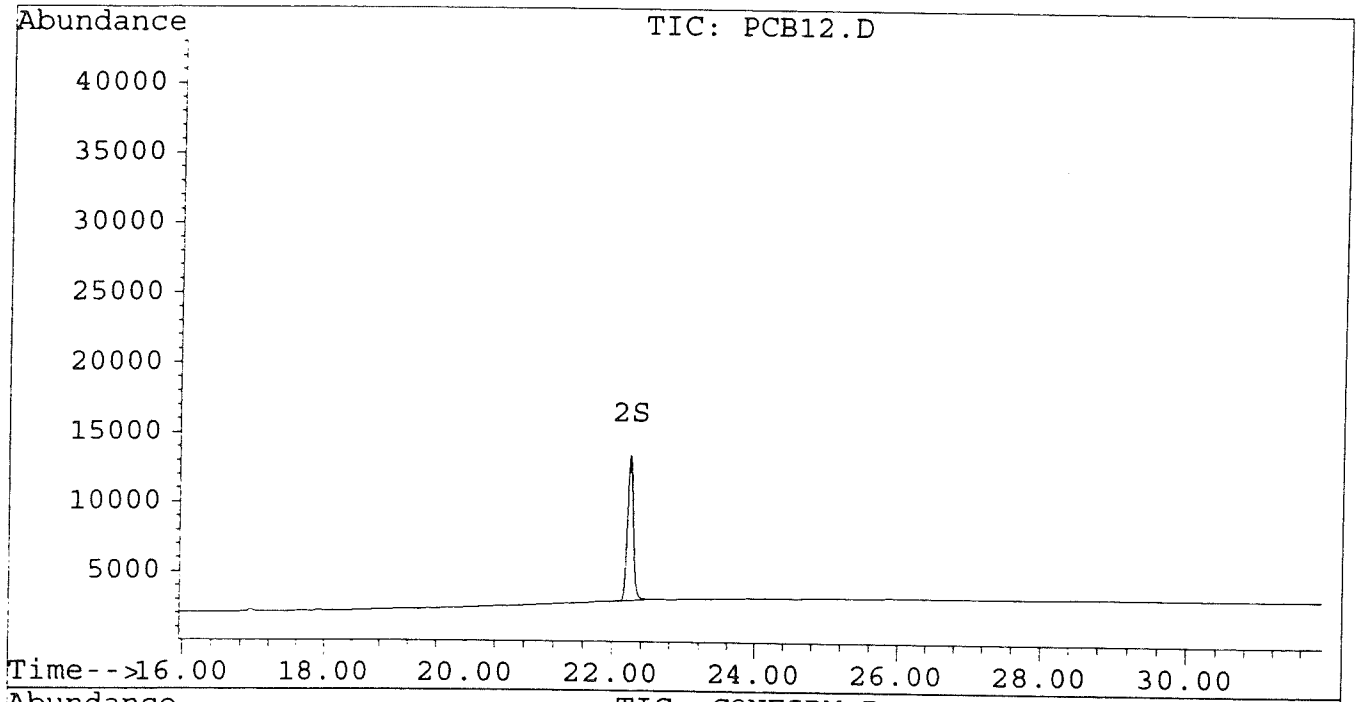
Vial: 30

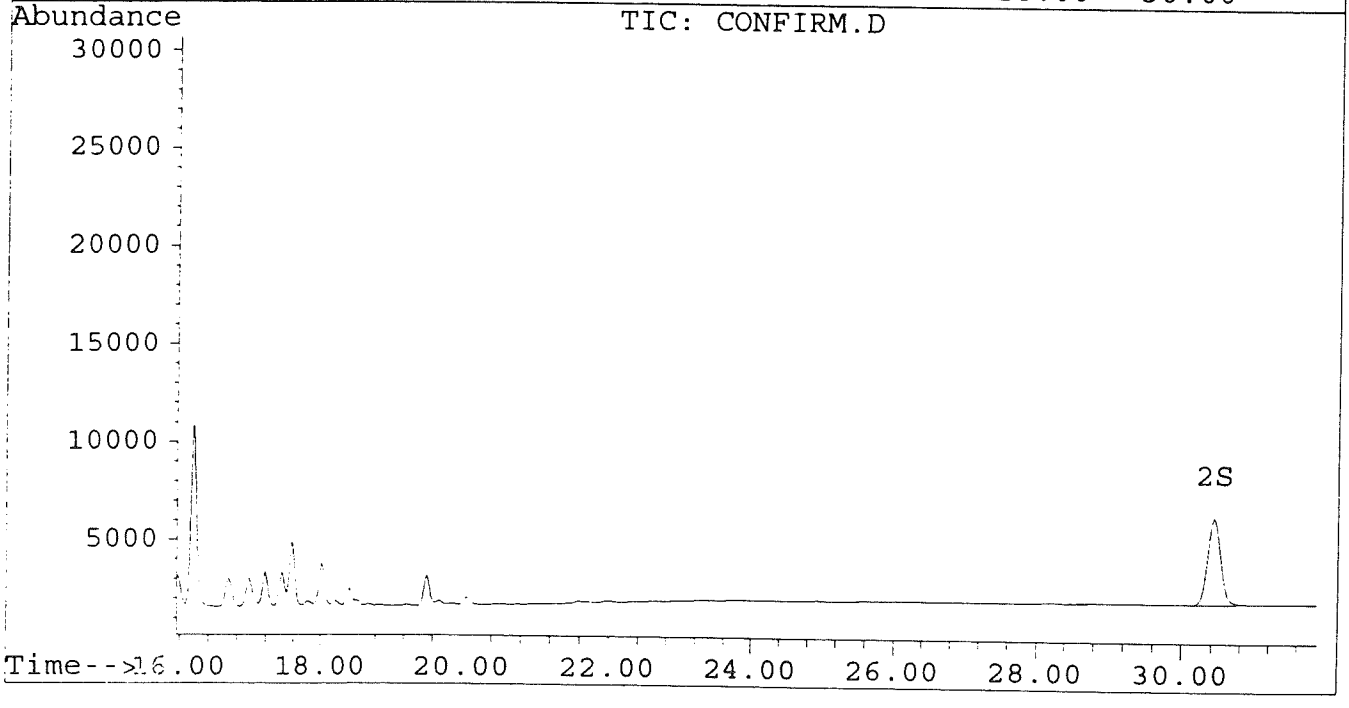
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB13.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB13.D\CONFIRM.D
Acq On : 17 Jul 96 03:38 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Jul 18 15:20 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.43	4553	3490	0.020	0.019
				Recovery	=	50.00%	47.50%
2) S	Decachlorobiphenyl	22.23	30.43	3977	1639	0.020m	0.020m
				Recovery	=	50.00%	50.00%
	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
0) 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
1) 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
4) L4	Aroclor-1242	8.22	11.66	13765	9560	0.367	0.328
5) L4	Aroclor-1242 (2)	8.94	12.25	3944	4137	0.356	0.329
16) L4	Aroclor-1242 (3)	10.08	14.01	5341	3995	0.365	0.320
	Total Aroclor-1242			23050	17691	1.087	0.976
	Average Aroclor-1242					0.362	0.325
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.d	N.D.d
8) 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\P5LVL1\PCB13.D Vial: 31
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB13.D\CONFIRM.D
Acq On : 17 Jul 96 03:38 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

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

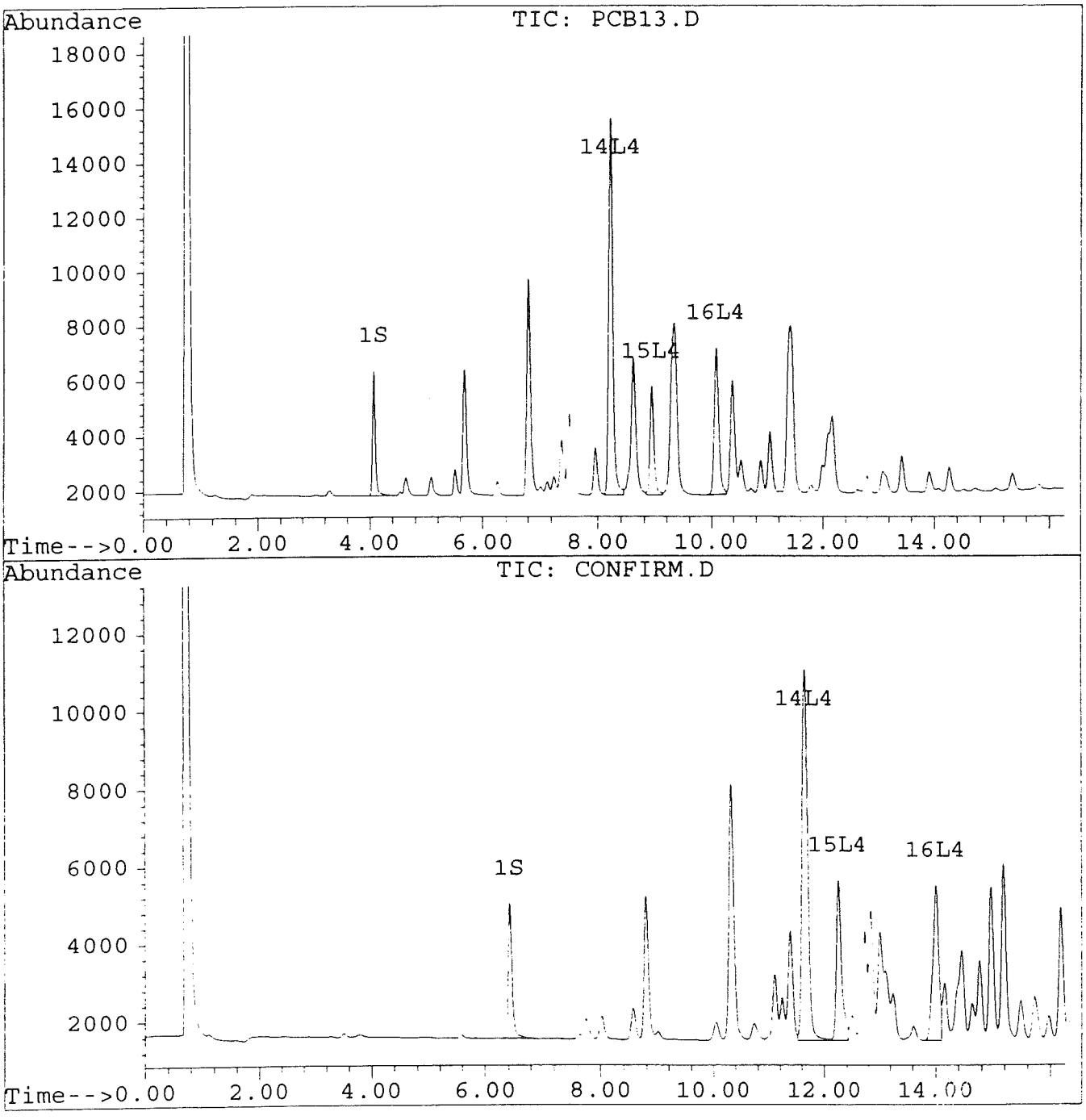
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int

Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\PCB13.D Vial: 31
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB13.D\CONFIRM.D
Acq On : 17 Jul 96 03:38 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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

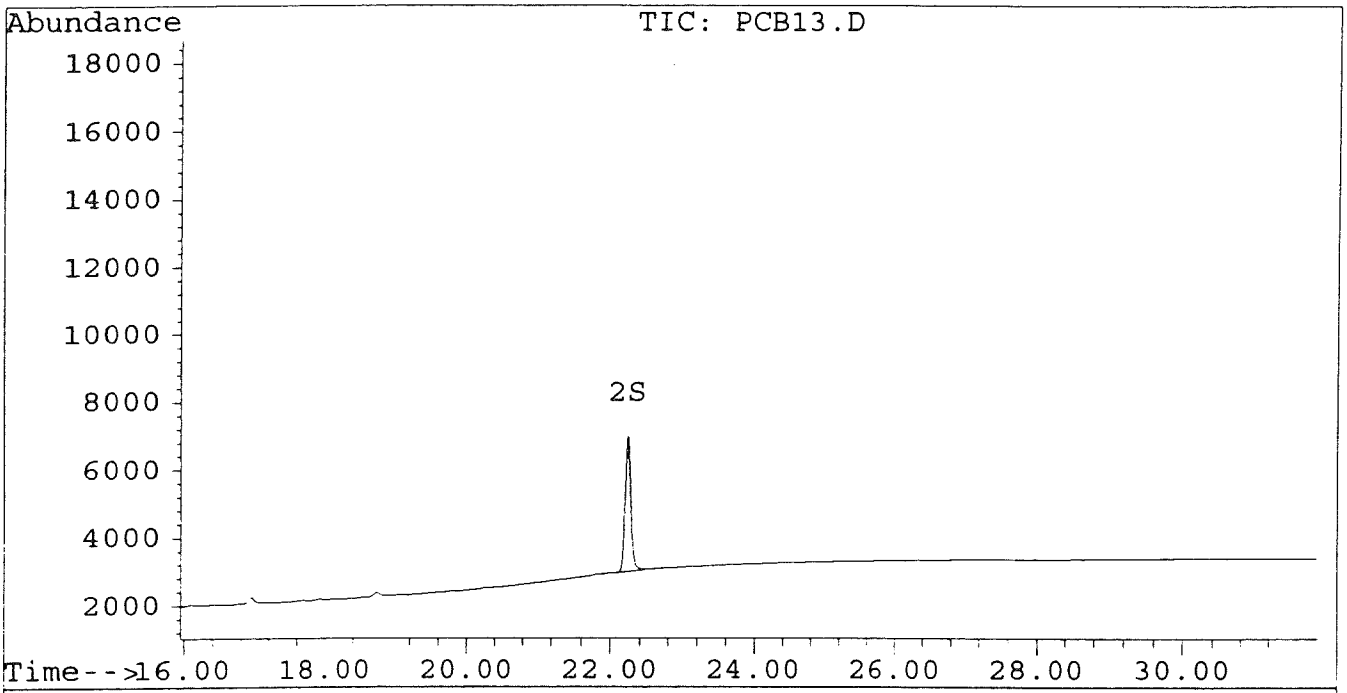


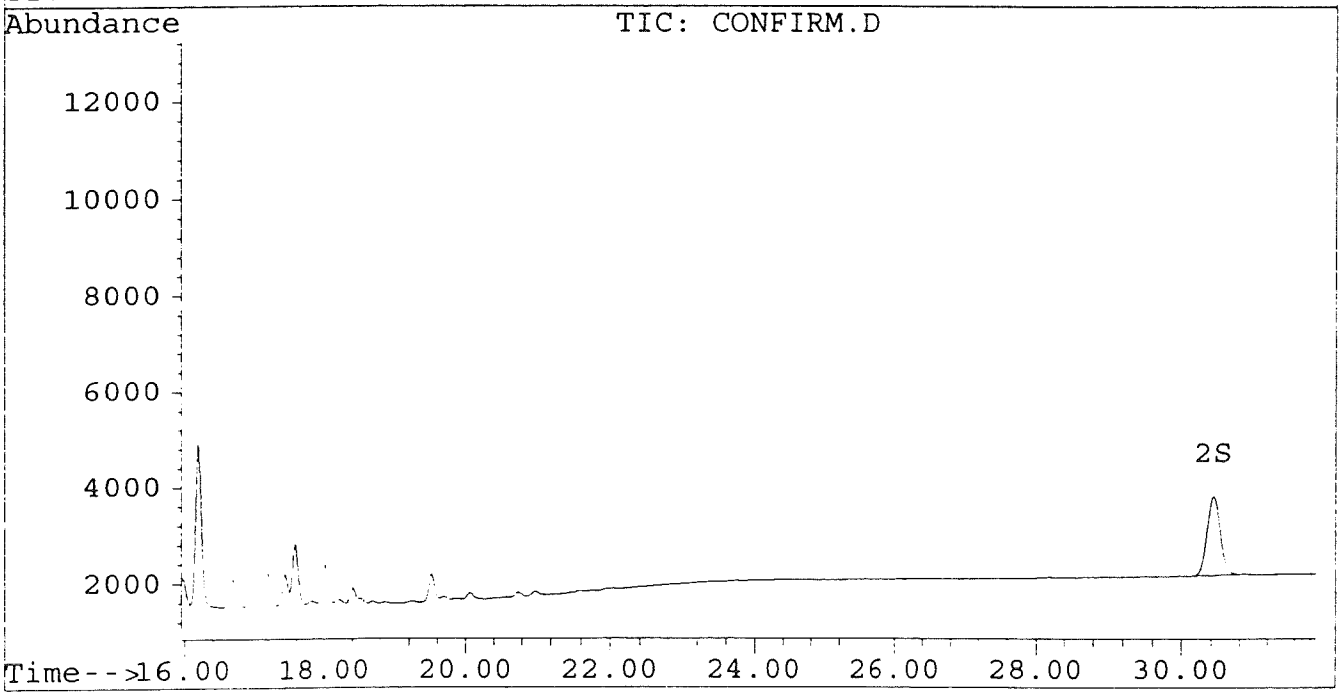
Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\PCB13.D Vial: 31
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB13.D\CONFIRM.D
Acq On : 17 Jul 96 03:38 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB14.D Vial: 32
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB14.D\CONFIRM.D
Acq On : 17 Jul 96 04:14 PM Operator: JS
Sample : AR1242 0.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.43	2187	1713	0.010	0.009
				Recovery	=	25.00%	22.50%
2) S	Decachlorobiphenyl	22.23	30.44	2069	870	0.010m	0.011m
				Recovery	=	25.00%	27.50%
	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	11.66	7141	4988	0.190	0.171
15) L4	Aroclor-1242 {2}	8.94	12.25	2028	2176	0.183	0.173
16) L4	Aroclor-1242 {3}	10.08	14.01	2781	2097	0.190	0.168
Total	Aroclor-1242			11950	9261	0.563	0.512
Average	Aroclor-1242					0.188	0.171
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\P5LVL1\PCB14.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB14.D\CONFIRM.D
Acq On : 17 Jul 96 04:14 PM
Sample : AR1242 0.5 UG/ML
Misc :
Quant Time: Jul 18 15:21 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

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

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

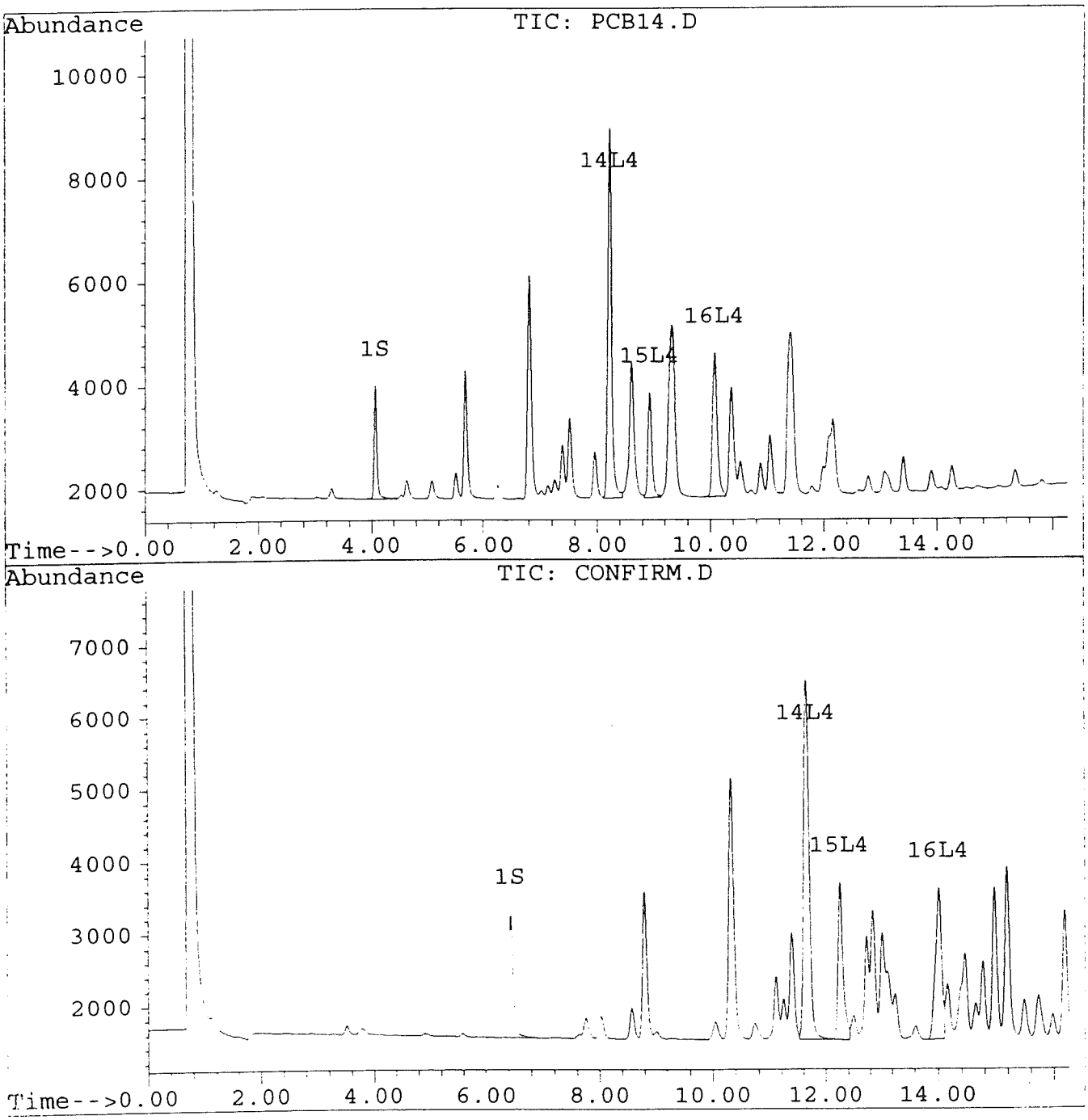
Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\PCB14.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB14.D\CONFIRM.D
Acq On : 17 Jul 96 04:14 PM
Sample : AR1242 0.5 UG/ML
Misc :
Quant Time: Jul 18 15:21 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB14.D
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB14.D\CONFIRM.D
Acq On : 17 Jul 96 04:14 PM
Sample : AR1242 0.5 UG/ML
Misc :
Quant Time: Jul 18 15:21 1996

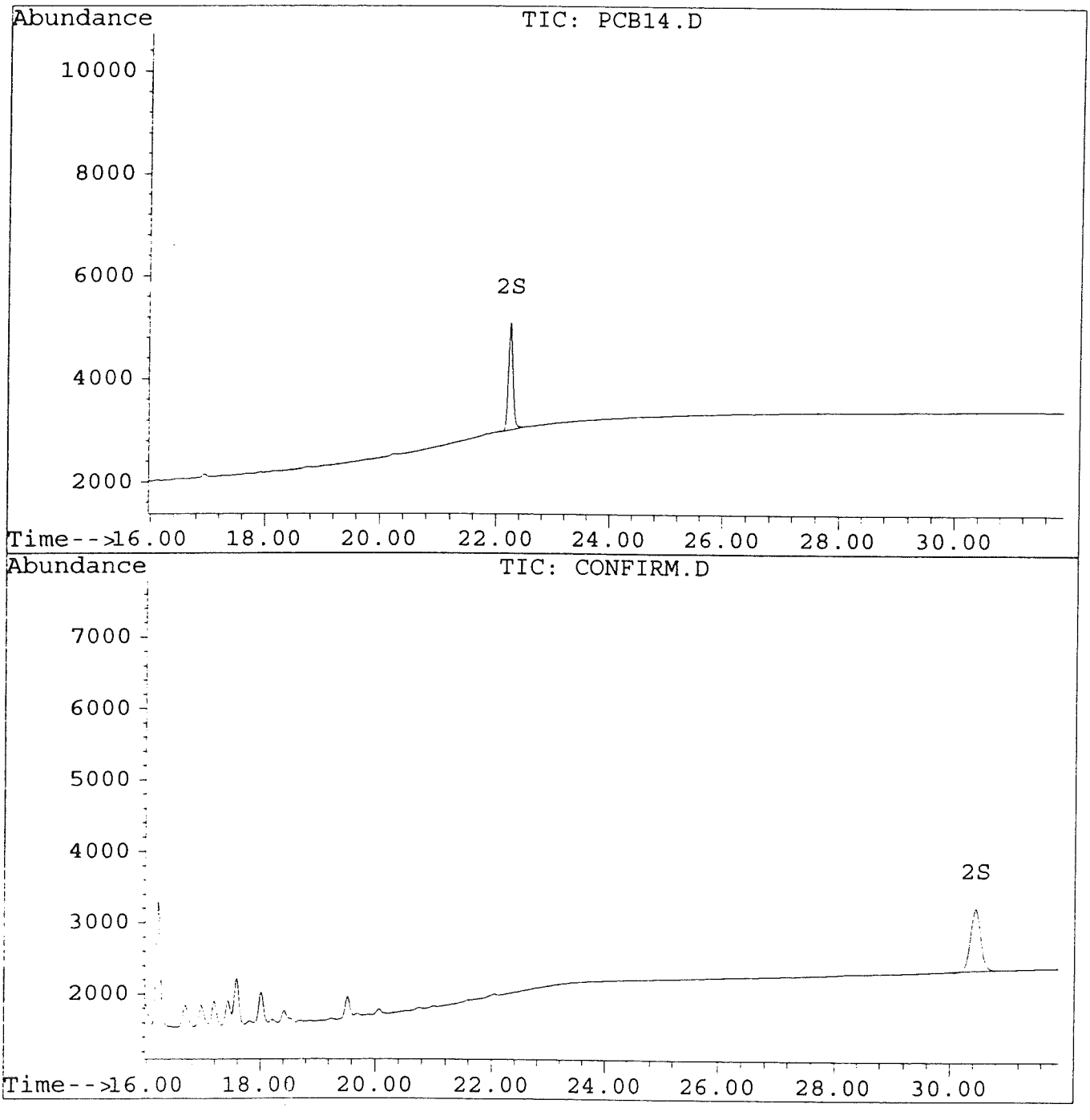
Vial: 32

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\P5LVL1\PCB15.D Vial: 33
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB15.D\CONFIRM.D
Acq On : 17 Jul 96 04:49 PM Operator: JS
Sample : AR1242 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.44	392	320	0.002	0.002
				Recovery	=	5.00%	5.00%
2) S	Decachlorobiphenyl	22.24	30.44	398	168	0.002m	0.002m
				Recovery	=	5.00%	5.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.d	N.D.d
4) M	2,2',3,3',4,4'-Hexa	0.00	0.00	0	0	N.D.d	N.D.d
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.d	N.D.d
6) L1	Aroclor-1016 (2)	0.00	0.00	0	0	N.D.d	N.D.d
7) L1	Aroclor-1016 (3)	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.d	N.D.d
9) L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Aroclor-1221 (3)	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.d	N.D.d
12) L3	Aroclor-1232 (2)	0.00	0.00	0	0	N.D.d	N.D.d
13) L3	Aroclor-1232 (3)	0.00	0.00	0	0	N.D.d	N.D.d
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	8.22	11.66	1340	977	0.036m	0.033
15) L4	Aroclor-1242 (2)	8.94	12.26	379	430	0.034m	0.034
16) L4	Aroclor-1242 (3)	10.08	14.01	541	431	0.037	0.035
Total	Aroclor-1242			2260	1839	0.107	0.102
Average	Aroclor-1242					0.036	0.034
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\P5LVL1\PCB15.D Vial: 33
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB15.D\CONFIRM.D
Acq On : 17 Jul 96 04:49 PM Operator: JS
Sample : AR1242 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	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.	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

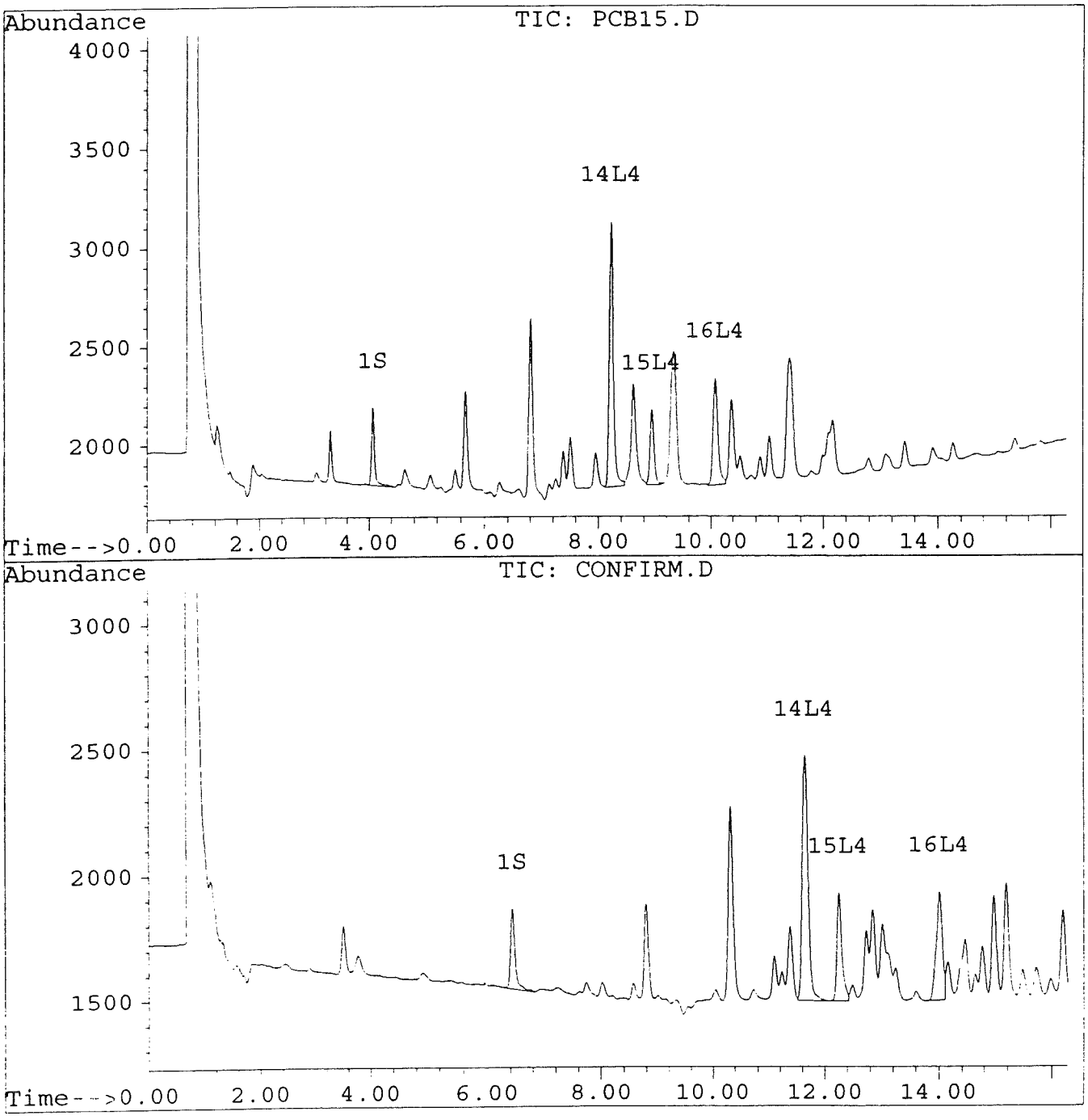
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\PCB15.D Vial: 33
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB15.D\CONFIRM.D
Acq On : 17 Jul 96 04:49 PM Operator: JS
Sample : AR1242 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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

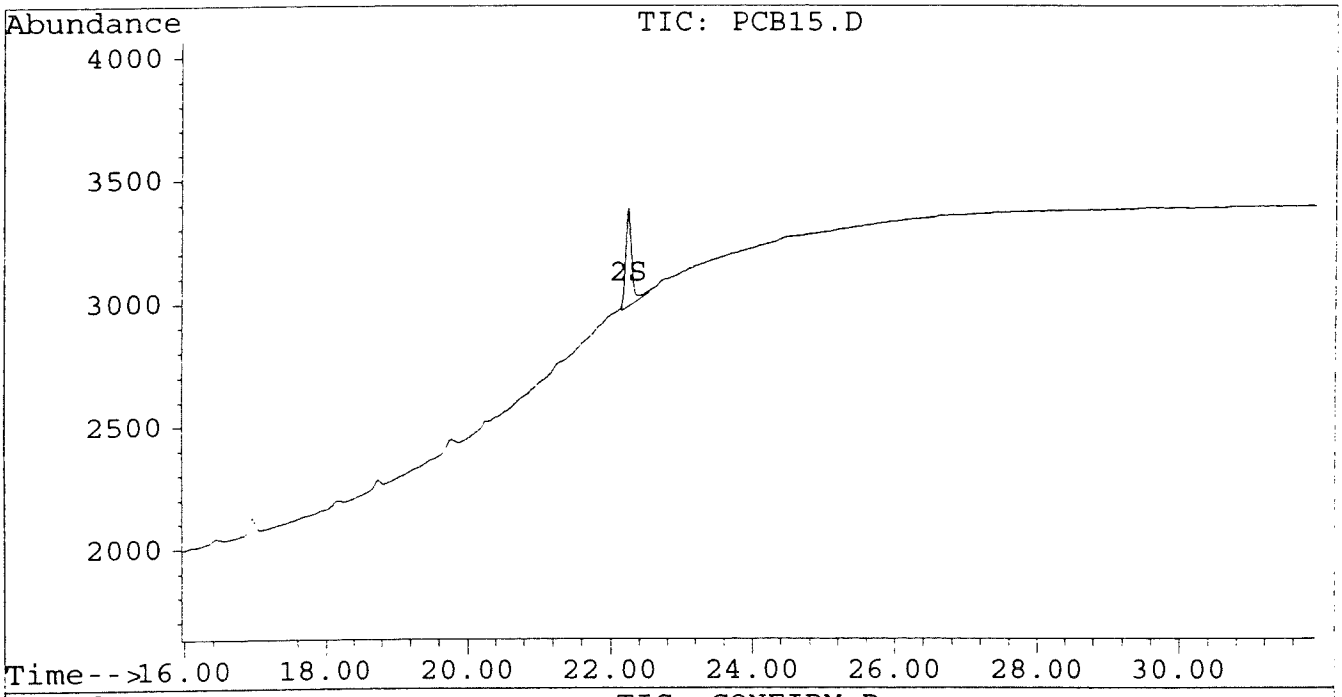


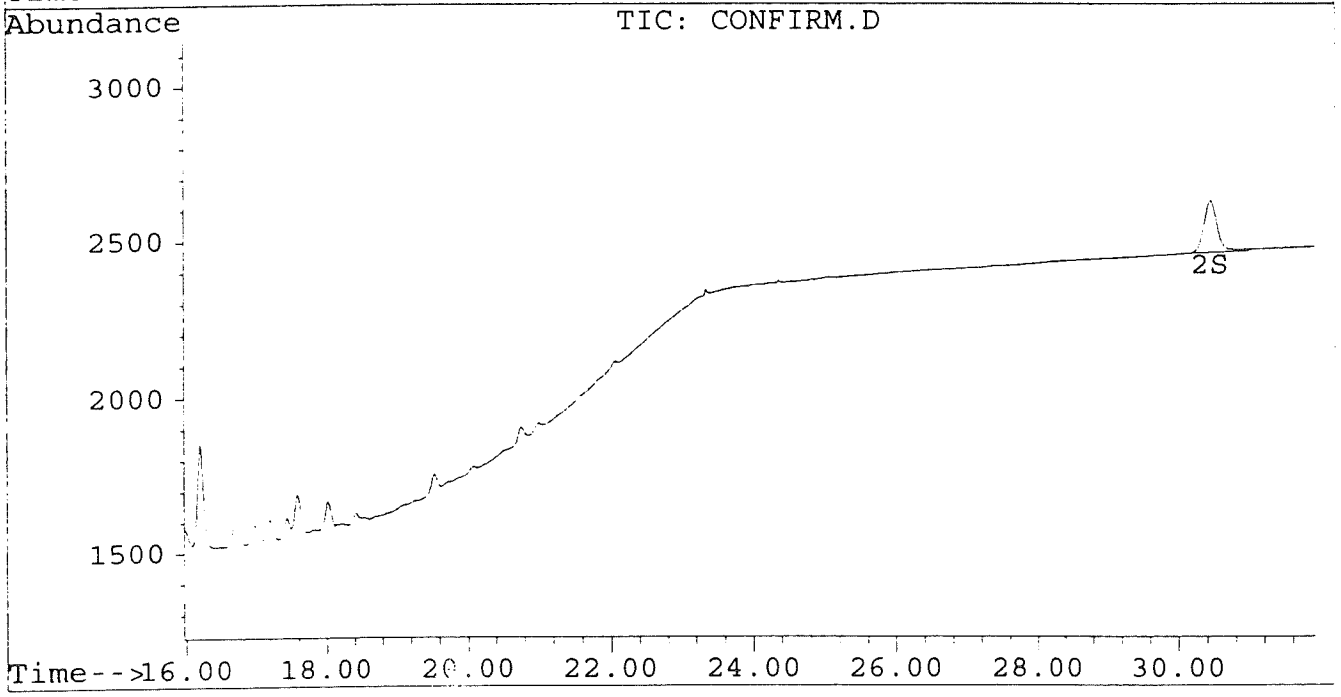
Quantitation Report

Signal #1 : D:\HPCHEM\5\P5LVL1\PCB15.D Vial: 33
Signal #2 : D:\HPCHEM\5\P5LVL1\PCB15.D\CONFIRM.D
Acq On : 17 Jul 96 04:49 PM Operator: JS
Sample : AR1242 0.1 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 18 15:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Thu Jul 18 16:08:59 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\JL25\PCB1242B.D
Signal #2 : D:\HPCHEM\5\JL25\PCB1242B.D\CONFIRM.D
Acq On : 25 Jul 96 04:44 PM
Sample : AR1242 2.5 UG/ML
Misc :
Quant Time: Aug 16 14:38 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.43	11957	9745	0.054	0.056
				Recovery	=	135.00%	140.00%
2) S	Decachlorobiphenyl	22.22	30.43	9348	3722	0.048m	0.043
				Recovery	=	120.00%	107.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.21	11.66	30840	21735	0.278	0.230
4) M	2,2',3,3',4,4'-Hexa	16.94	21.58	268	106	0.001	0.001 #
5) L1	Aroclor-1016	6.80	8.79	16906	8176	0.563	0.662
6) L1	Aroclor-1016 {2}	8.93	10.32	9527	14497	0.609	0.575
7) L1	Aroclor-1016 {3}	9.32	12.25	13994	9494	0.582	0.600
Total	Aroclor-1016			40427	32167	1.754	1.837
Average	Aroclor-1016					0.585	0.612
8) L2	Aroclor-1221	5.08	8.02	1571	1455	0.224	0.238
9) L2	Aroclor-1221 {2}	5.51	8.56	2186	1927	0.375	0.395
10) L2	Aroclor-1221 {3}	5.67	8.79	9940	8176	0.492	0.533
Total	Aroclor-1221			13697	11558	1.091	1.166
Average	Aroclor-1221					0.364	0.389
11) L3	Aroclor-1232	5.67	8.79	9940	8176	0.545	0.571
12) L3	Aroclor-1232 {2}	6.80	10.32	16906	14497	1.239	1.207
13) L3	Aroclor-1232 {3}	8.60	12.25	11416	9494	1.379	1.369
Total	Aroclor-1232			38262	32167	3.163	3.146
Average	Aroclor-1232					1.054	1.049
14) L4	Aroclor-1242	8.21	11.66	30840	21735	0.757	0.753
15) L4	Aroclor-1242 {2}	8.93	12.25	9527	9494	0.782	0.757
16) L4	Aroclor-1242 {3}	10.07	14.01	12440	9398	0.768	0.769
Total	Aroclor-1242			52807	40628	2.308	2.279
Average	Aroclor-1242					0.769	0.760
17) L5	Aroclor-1248	9.32	14.96	13994	9061	0.453	0.413
18) L5	Aroclor-1248 {2}	10.07	15.18	12440	10654	0.478	0.469
19) L5	Aroclor-1248 {3}	11.40	16.18	14351	8327	0.422	0.474
Total	Aroclor-1248			40785	28042	1.354	1.356
Average	Aroclor-1248					0.451	0.452

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PCB1242B.D
Signal #2 : D:\HPCHEM\5\JL25\PCB1242B.D\CONFIRM.D
Acq On : 25 Jul 96 04:44 PM
Sample : AR1242 2.5 UG/ML
Misc :
Quant Time: Aug 16 14:38 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.47	0	2441	N.D.	0.101 #
21) L6 Aroclor-1254 {2}	13.42	15.72	3203	2616	0.078	0.098 #
22) L6 Aroclor-1254 {3}	15.81	17.57	422	3115	0.014	0.084 #
Total Aroclor-1254			3625	8171	0.092	0.282
Average Aroclor-1254					0.046	0.094
23) L7 Aroclor-1260	13.90	18.21	1740	288	0.055	0.010 #
24) L7 Aroclor-1260 {2}	14.70	0.00	265	0	0.007	N.D. #
25) L7 Aroclor-1260 {3}	17.91	21.95	62	73	0.001	0.002 #
Total Aroclor-1260			2066	361	0.063	0.012
Average Aroclor-1260					0.021	0.006
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	32	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	360	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\JL25\PCB1242B.D
Signal #2 : D:\HPCHEM\5\JL25\PCB1242B.D\CONFIRM.D
Acq On : 25 Jul 96 04:44 PM
Sample : AR1242 2.5 UG/ML
Misc :
Quant Time: Aug 16 14:38 1996

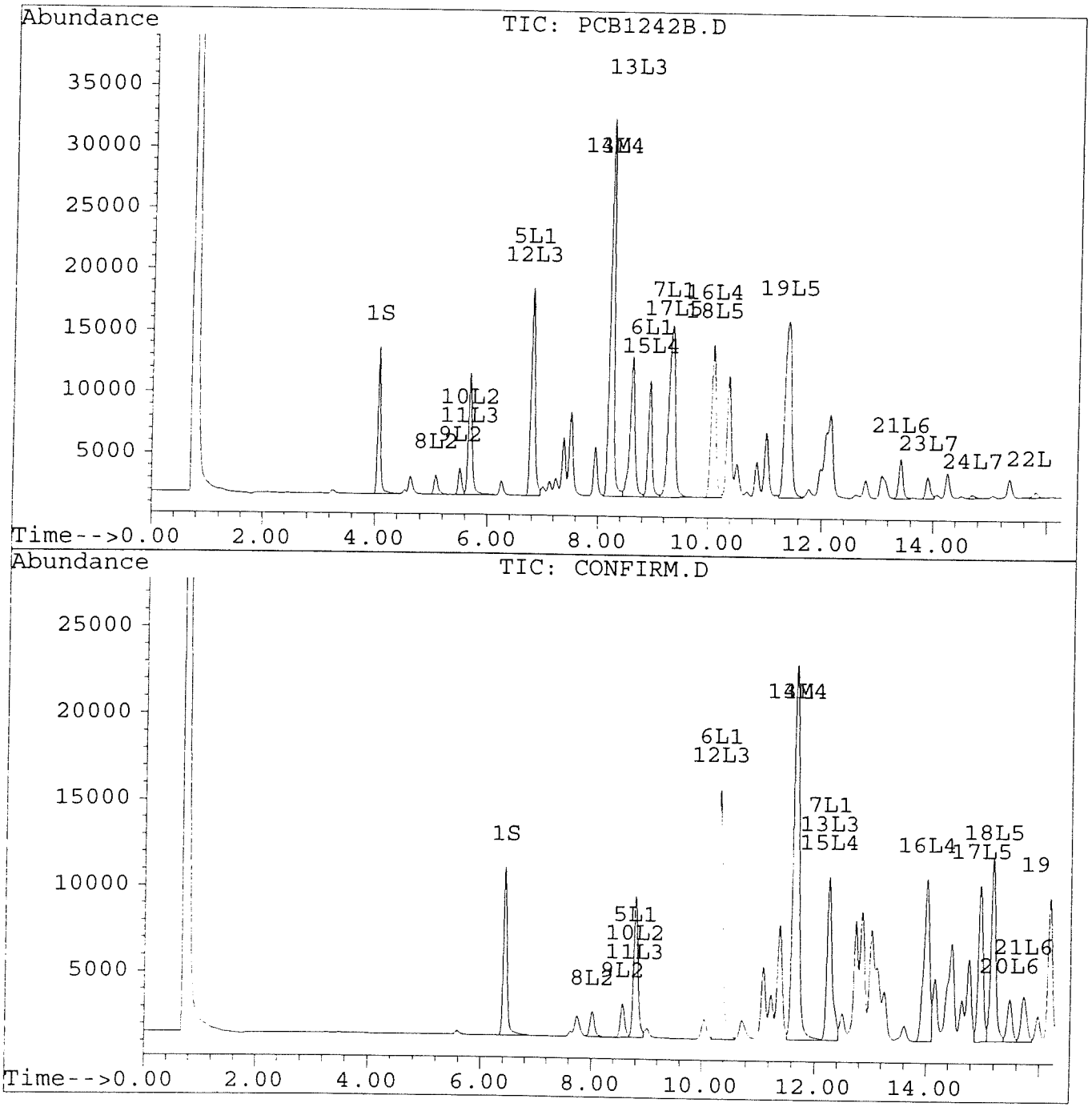
Vial: 30

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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

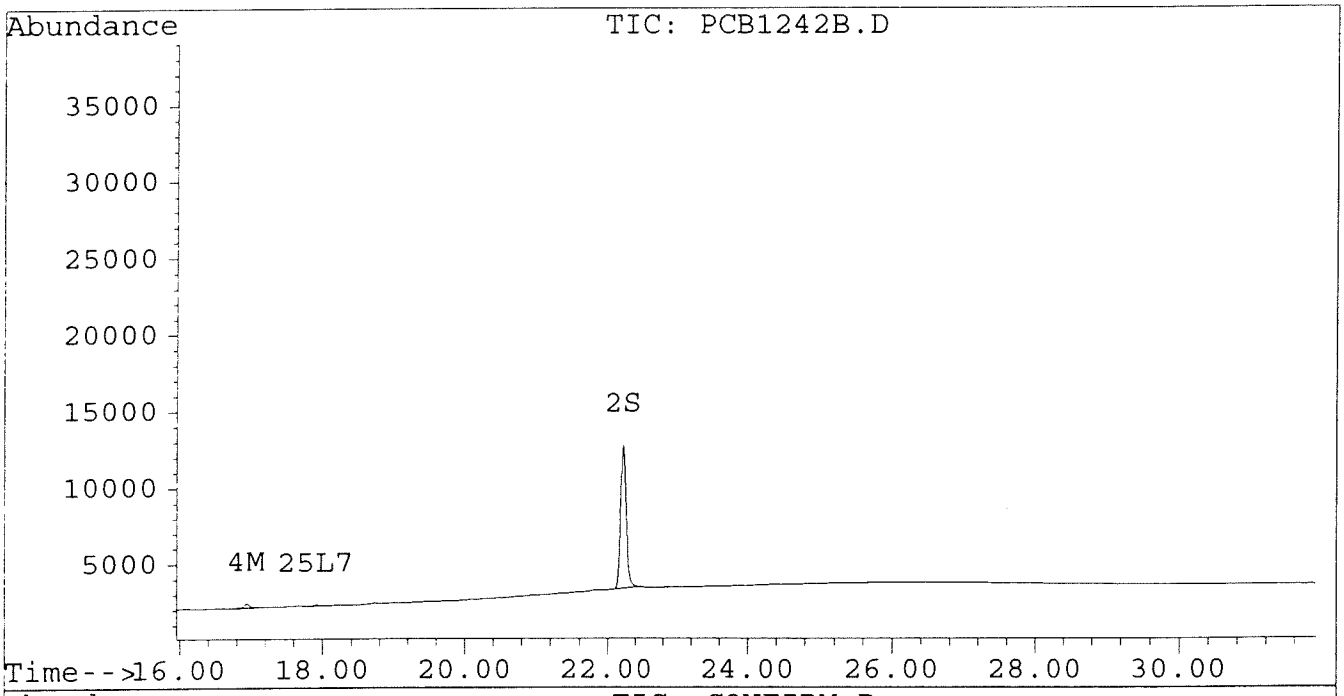


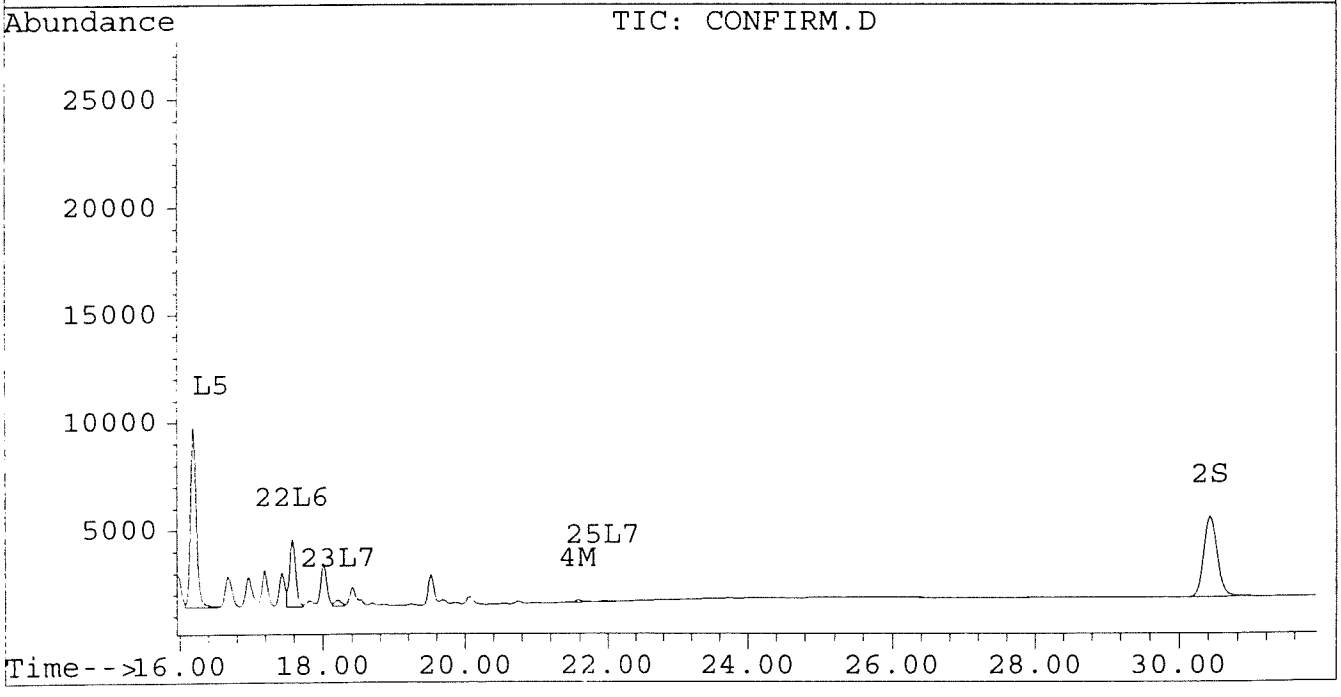
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PCB1242B.D Vial: 30
Signal #2 : D:\HPCHEM\5\JL25\PCB1242B.D\CONFIRM.D
Acq On : 25 Jul 96 04:44 PM Operator: JS
Sample : AR1242 2.5 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL25\PS0725B.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725B.D\CONFIRM.D
Acq On : 25 Jul 96 01:11 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:33 1996

Vial: 2

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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	4.07	6.43	3974	3544	0.018	0.020
				Recovery	=	45.00%	50.00%
2) S	Decachlorobiphenyl	22.23	30.44	3871	1542	0.020m	0.018
				Recovery	=	50.00%	45.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.65	293	232	0.003	0.002
4) M	2,2',3,3',4,4'-Hexa	16.94	21.58	3024	2127	0.017	0.015
5) L1	Aroclor-1016	6.81	8.80	166	61	0.006	0.005
6) L1	Aroclor-1016 {2}	8.94	10.33	86	155	0.005	0.006
7) L1	Aroclor-1016 {3}	9.30f	12.25	5508	77	0.229	0.005 #
Total	Aroclor-1016			5760	293	0.240	0.016
Average	Aroclor-1016					0.080	0.005
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.69	8.80	68	61	0.003	0.004
Total	Aroclor-1221			68	61	0.003	0.004
Average	Aroclor-1221					0.003	0.004
11) L3	Aroclor-1232	5.69	8.80	68	61	0.004	0.004
12) L3	Aroclor-1232 {2}	6.81	10.33	166	155	0.012	0.013
13) L3	Aroclor-1232 {3}	8.61	12.25	106	77	0.013	0.011
Total	Aroclor-1232			340	293	0.029	0.028
Average	Aroclor-1232					0.010	0.009
14) L4	Aroclor-1242	8.22	11.65	293	232	0.007	0.008
15) L4	Aroclor-1242 {2}	8.94	12.25	86	77	0.007	0.006
16) L4	Aroclor-1242 {3}	10.07	14.02	2632	2343	0.163	0.192
Total	Aroclor-1242			3010	2653	0.177	0.206
Average	Aroclor-1242					0.059	0.069
17) L5	Aroclor-1248	9.30	14.96	5508	3257	0.178	0.149
18) L5	Aroclor-1248 {2}	10.07	15.18	2632	1074	0.101	0.047 #
19) L5	Aroclor-1248 {3}	11.36f	16.19	10264	704	0.302	0.040 #
Total	Aroclor-1248			18404	5035	0.582	0.236
Average	Aroclor-1248					0.194	0.079

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725B.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL25\PS0725B.D\CONFIRM.D
Acq On : 25 Jul 96 01:11 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	9632	8072	0.328	0.333
21) L6 Aroclor-1254 {2}	13.43	15.72	13466	8552	0.329	0.321
22) L6 Aroclor-1254 {3}	15.81	17.57	9795	12008	0.321	0.323
Total Aroclor-1254			32892	28631	0.979	0.976
Average Aroclor-1254					0.326	0.325
23) L7 Aroclor-1260	13.92	18.21	6057	4558	0.192	0.162
24) L7 Aroclor-1260 {2}	14.70	18.52	5459	4792	0.148	0.147
25) L7 Aroclor-1260 {3}	17.91	21.94	1354	1186	0.026	0.024
Total Aroclor-1260			12870	10535	0.366	0.333
Average Aroclor-1260					0.122	0.111
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	924	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.

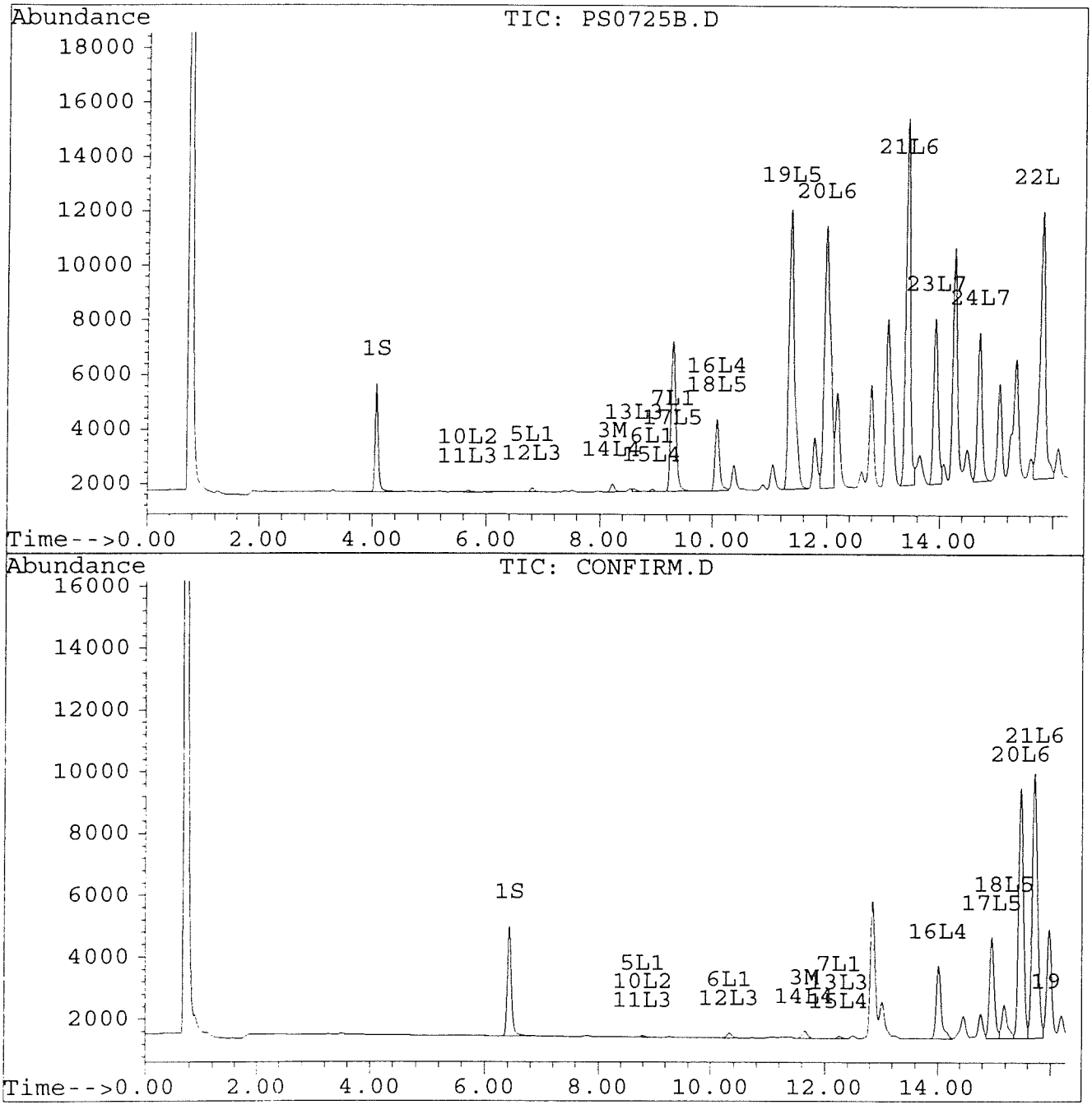
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725B.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725B.D\CONFIRM.D
Acq On : 25 Jul 96 01:11 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:33 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725B.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725B.D\CONFIRM.D
Acq On : 25 Jul 96 01:11 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:33 1996

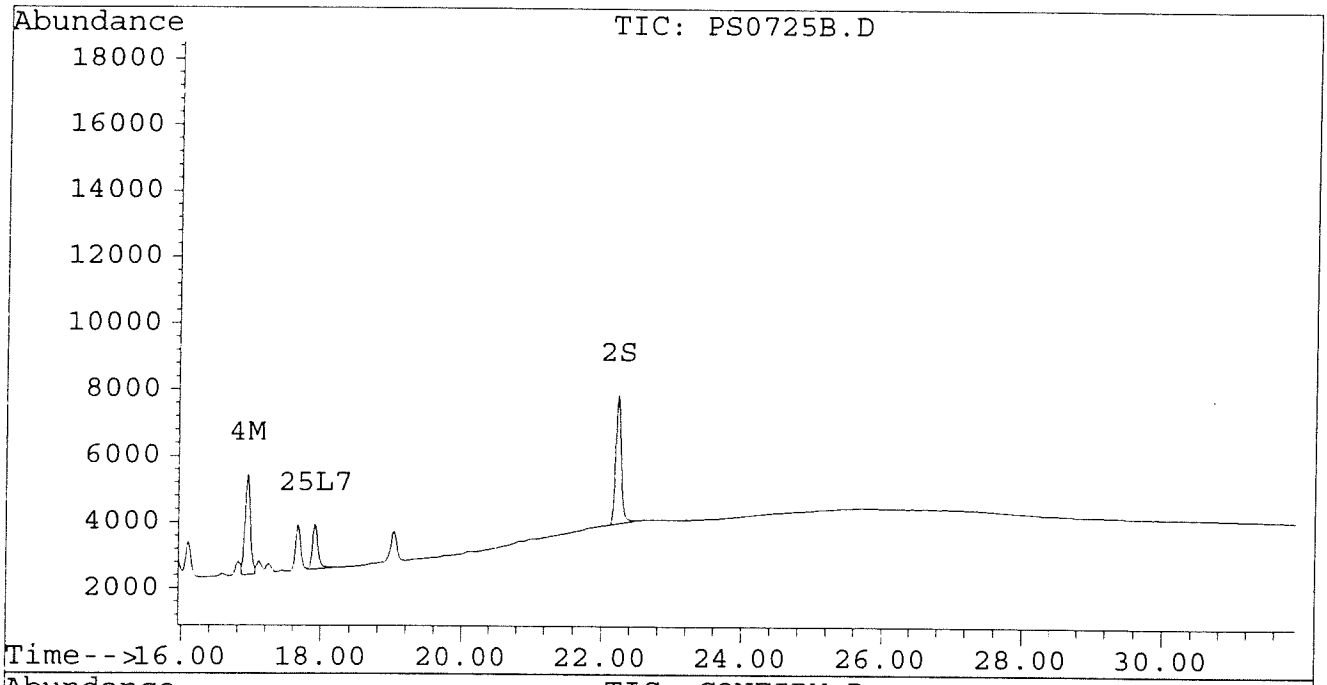
Vial: 2

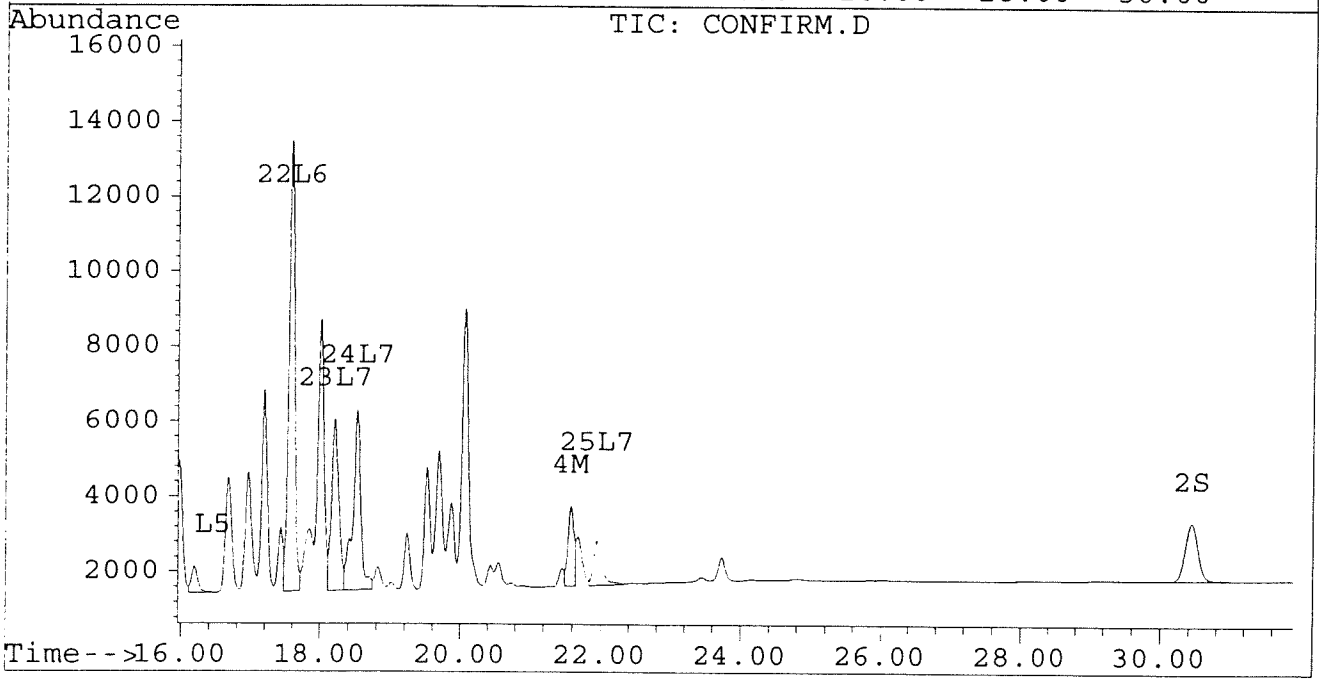
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725E.D Vial: 5
Signal #2 : D:\HPCHEM\5\JL25\PS0725E.D\CONFIRM.D
Acq On : 25 Jul 96 02:58 PM Operator: JS
Sample : PCB COGENERS 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.43	8780	6817	0.039	0.039
					Recovery	=	97.50%	97.50%
2)	S	Decachlorobiphenyl	22.23	30.43	6934	2779	0.035m	0.032
					Recovery	=	87.50%	80.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.68	9208	8567	0.083m	0.091m
4)	M	2,2',3,3',4,4'-Hexa	16.93	21.58	17322	13474	0.097	0.098
5)	L1	Aroclor-1016	6.82	0.00	127	0	0.004	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			127	0	0.004	N.D.
	Average	Aroclor-1016					0.004	0.000
8)	L2	Aroclor-1221	5.06	8.07f	83	94	0.012	0.015 #
9)	L2	Aroclor-1221 {2}	5.51	0.00	116	0	0.020	N.D. #
10)	L2	Aroclor-1221 {3}	5.73f	0.00	140	0	0.007	N.D. #
	Total	Aroclor-1221			338	94	0.039	0.015
	Average	Aroclor-1221					0.013	0.015
11)	L3	Aroclor-1232	5.73f	0.00	140	0	0.008	N.D. #
12)	L3	Aroclor-1232 {2}	6.82	0.00	127	0	0.009	N.D. #
13)	L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1232			267	0	0.017	N.D.
	Average	Aroclor-1232					0.008	0.000
14)	L4	Aroclor-1242	8.22	11.68	9432	8763	0.232	0.303 #
15)	L4	Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16)	L4	Aroclor-1242 {3}	0.00	14.01	0	131	N.D.	0.011 #
	Total	Aroclor-1242			9432	8894	0.232	0.314
	Average	Aroclor-1242					0.232	0.157
17)	L5	Aroclor-1248	0.00	14.96	0	92	N.D.	0.004 #
18)	L5	Aroclor-1248 {2}	0.00	15.21	0	86	N.D.	0.004 #
19)	L5	Aroclor-1248 {3}	11.40	0.00	122	0	0.004	N.D. #
	Total	Aroclor-1248			122	178	0.004	0.008
	Average	Aroclor-1248					0.004	0.004

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725E.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725E.D\CONFIRM.D
Acq On : 25 Jul 96 02:58 PM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 14:35 1996

Vial: 5

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	0.00	15.71	0	67	N.D.	0.002 #
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1254			0	67	N.D.	0.002
Average	Aroclor-1254					0.000	0.002
23) L7	Aroclor-1260	13.92	0.00	51	0	0.002	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			51	0	0.002	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	659	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\JL25\PS0725E.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725E.D\CONFIRM.D
Acq On : 25 Jul 96 02:58 PM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 14:35 1996

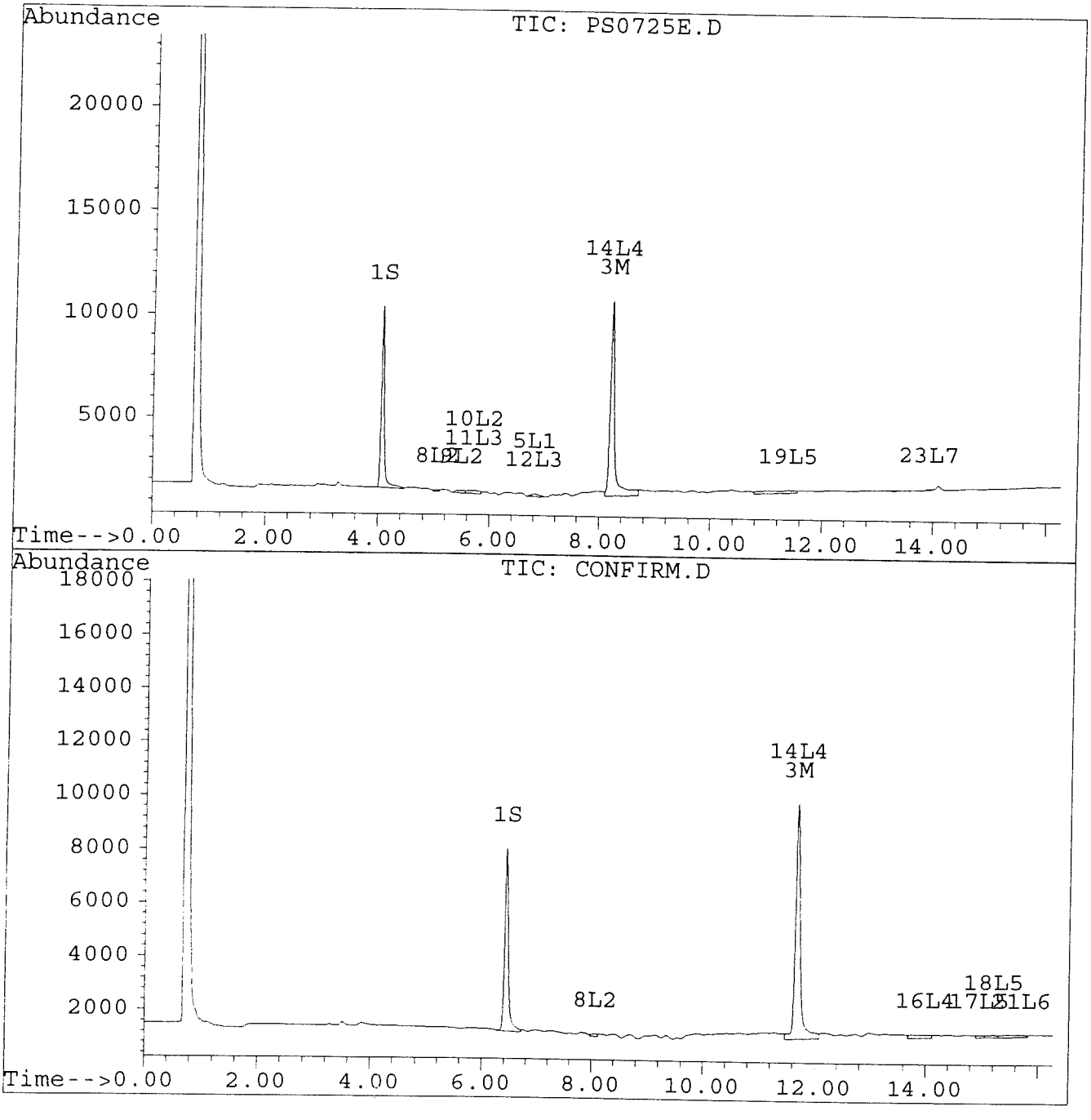
Vial: 5

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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



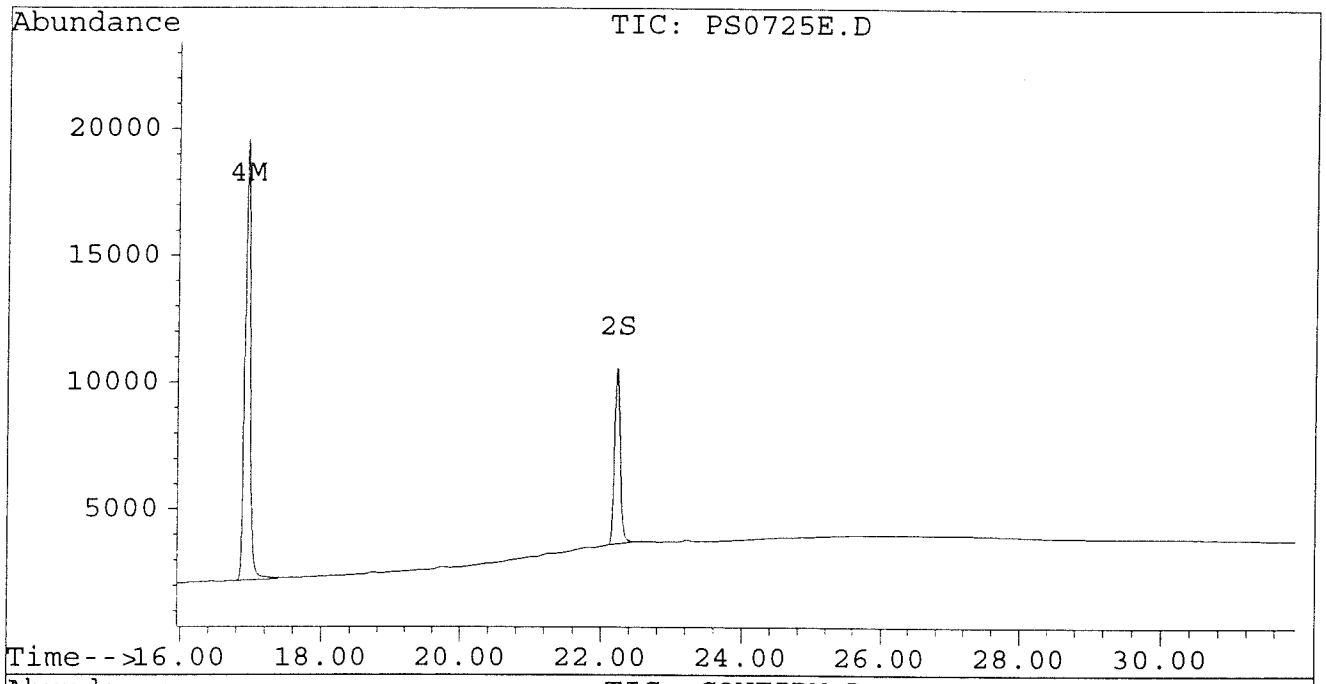
Quantitation Report

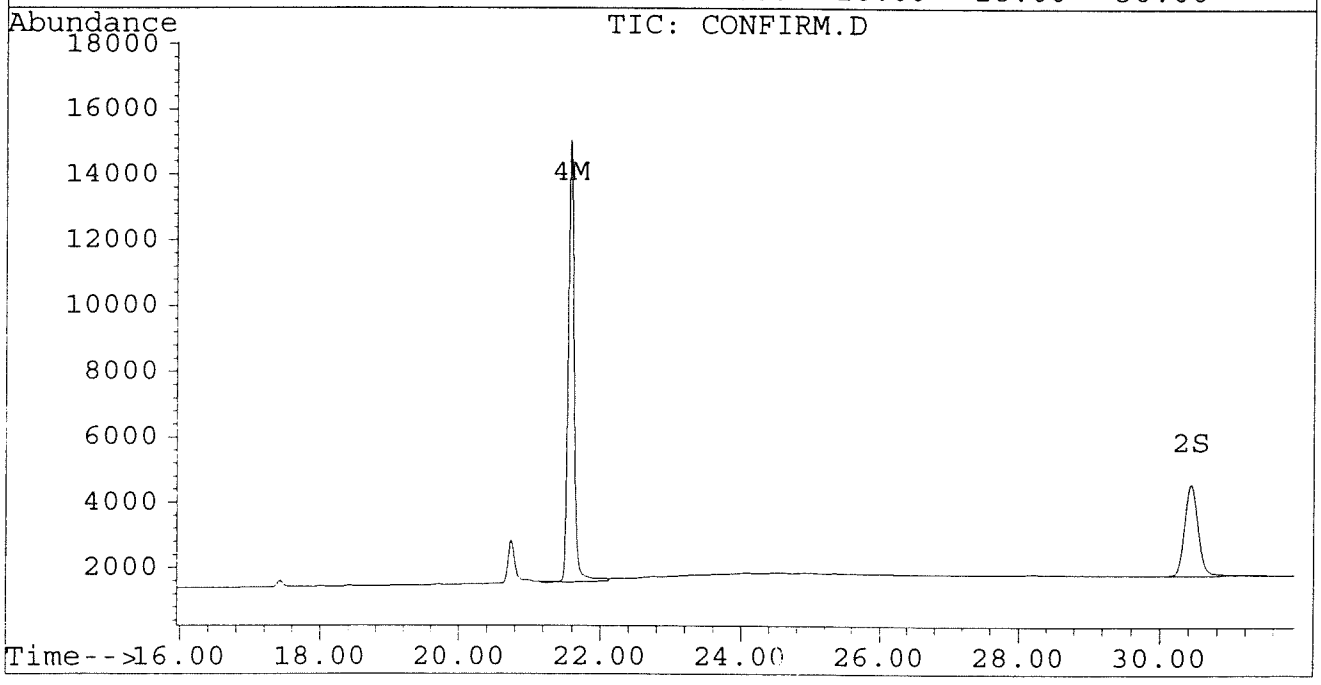
Signal #1 : D:\HPCHEM\5\JL25\PS0725E.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725E.D\CONFIRM.D
Acq On : 25 Jul 96 02:58 PM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 14:35 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725G.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL25\PS0725G.D\CONFIRM.D
Acq On : 26 Jul 96 00:57 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	3139	2635	0.014	0.015m
						Recovery	=	35.00%	37.50%
2)	S	Decachlorobiphenyl		22.23	0.00	3159	0	0.016m	N.D. #
						Recovery	=	40.00%	0.00%
		Target Compounds							
3)	M	2,4,4'-Trichlorobip		8.22	11.66	253	194	0.002	0.002
4)	M	2,2',3,3',4,4'-Hexa		16.94	21.59	3945	2257	0.022	0.016 #
5)	L1	Aroclor-1016		6.81	8.81	132	113	0.004	0.009 #
6)	L1	Aroclor-1016	{2}	8.94	10.33	68	160	0.004	0.006 #
7)	L1	Aroclor-1016	{3}	9.30f	0.00	4522	0	0.188	N.D. #
		Total Aroclor-1016				4722	273	0.197	0.016
		Average Aroclor-1016						0.066	0.008
8)	L2	Aroclor-1221		0.00	0.00	0	0	N.D.	N.D.
9)	L2	Aroclor-1221	{2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221	{3}	5.68	8.81	54	113	0.003	0.007 #
		Total Aroclor-1221				54	113	0.003	0.007
		Average Aroclor-1221						0.003	0.007
11)	L3	Aroclor-1232		5.68	8.81	54	113	0.003	0.008 #
12)	L3	Aroclor-1232	{2}	6.81	10.33	132	160	0.010	0.013 #
13)	L3	Aroclor-1232	{3}	8.60	0.00	87	0	0.011	N.D. #
		Total Aroclor-1232				273	273	0.023	0.021
		Average Aroclor-1232						0.008	0.011
14)	L4	Aroclor-1242		8.22	11.66	253	194	0.006	0.007
15)	L4	Aroclor-1242	{2}	8.94	0.00	68	0	0.006	N.D. #
16)	L4	Aroclor-1242	{3}	10.07	14.02	2109	2036	0.130	0.167 #
		Total Aroclor-1242				2430	2231	0.142	0.173
		Average Aroclor-1242						0.047	0.087
17)	L5	Aroclor-1248		9.30	14.97	4522	3121	0.147	0.142
18)	L5	Aroclor-1248	{2}	10.07	15.19	2109	1374	0.081	0.060 #
19)	L5	Aroclor-1248	{3}	11.36f	16.19	8456	661	0.249	0.038 #
		Total Aroclor-1248				15087	5156	0.476	0.240
		Average Aroclor-1248						0.159	0.080

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725G.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725G.D\CONFIRM.D
Acq On : 26 Jul 96 00:57 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:40 1996

Vial: 2

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	15.48	7894	6920	0.269	0.285
21) L6	Aroclor-1254 {2}	13.43	15.72	10989	7354	0.268	0.276
22) L6	Aroclor-1254 {3}	15.81	17.58	8651	9526	0.284	0.256
Total	Aroclor-1254			27534	23800	0.821	0.817
Average	Aroclor-1254					0.274	0.272
23) L7	Aroclor-1260	13.92	18.21	5053	3644	0.160	0.129
24) L7	Aroclor-1260 {2}	14.71	18.53	4733	4377	0.128	0.135
25) L7	Aroclor-1260 {3}	17.91	21.96	3777	3403	0.073	0.070
Total	Aroclor-1260			13563	11424	0.361	0.334
Average	Aroclor-1260					0.120	0.111
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	3020	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\JL25\PS0725G.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725G.D\CONFIRM.D
Acq On : 26 Jul 96 00:57 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:40 1996

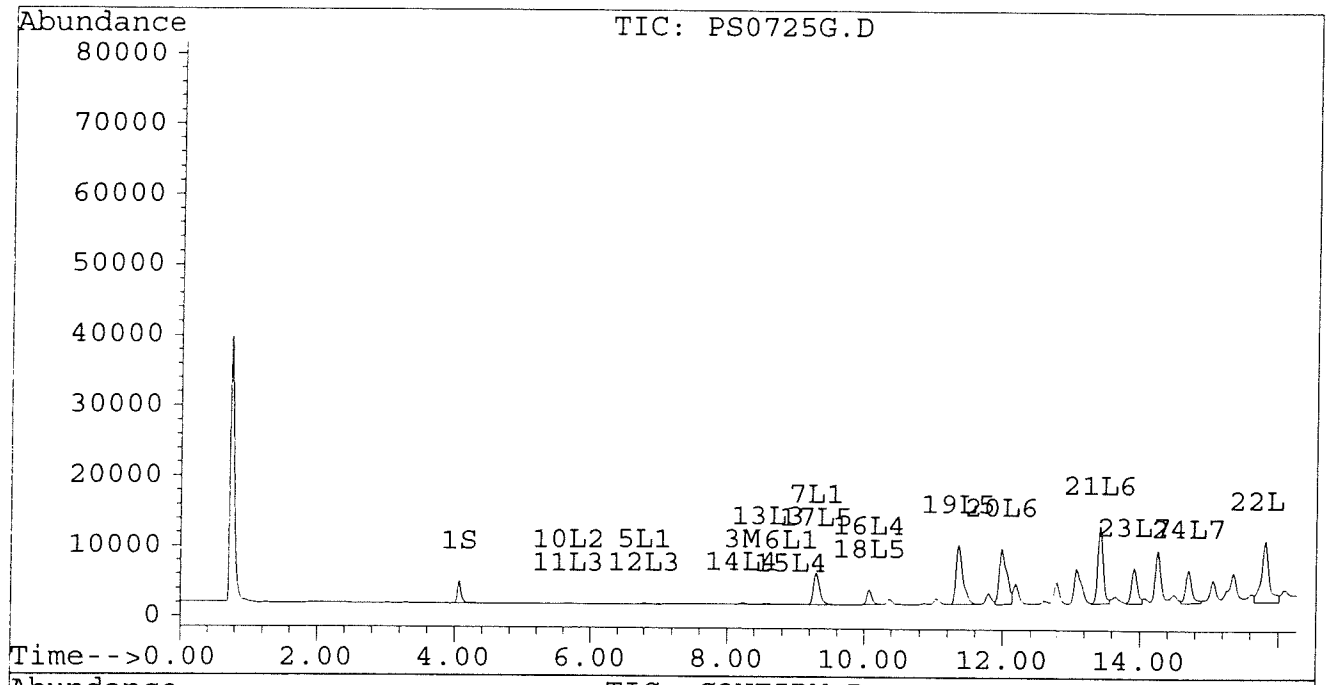
Vial: 2

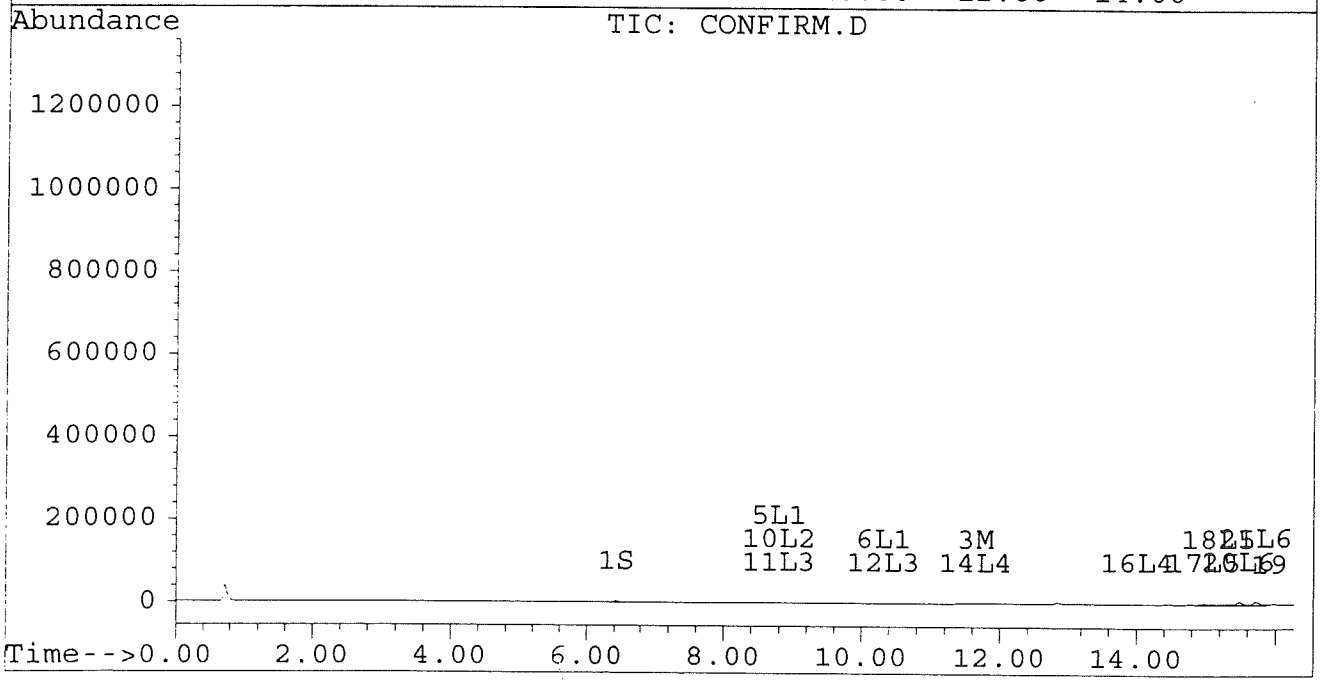
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725G.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725G.D\CONFIRM.D
Acq On : 26 Jul 96 00:57 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:40 1996

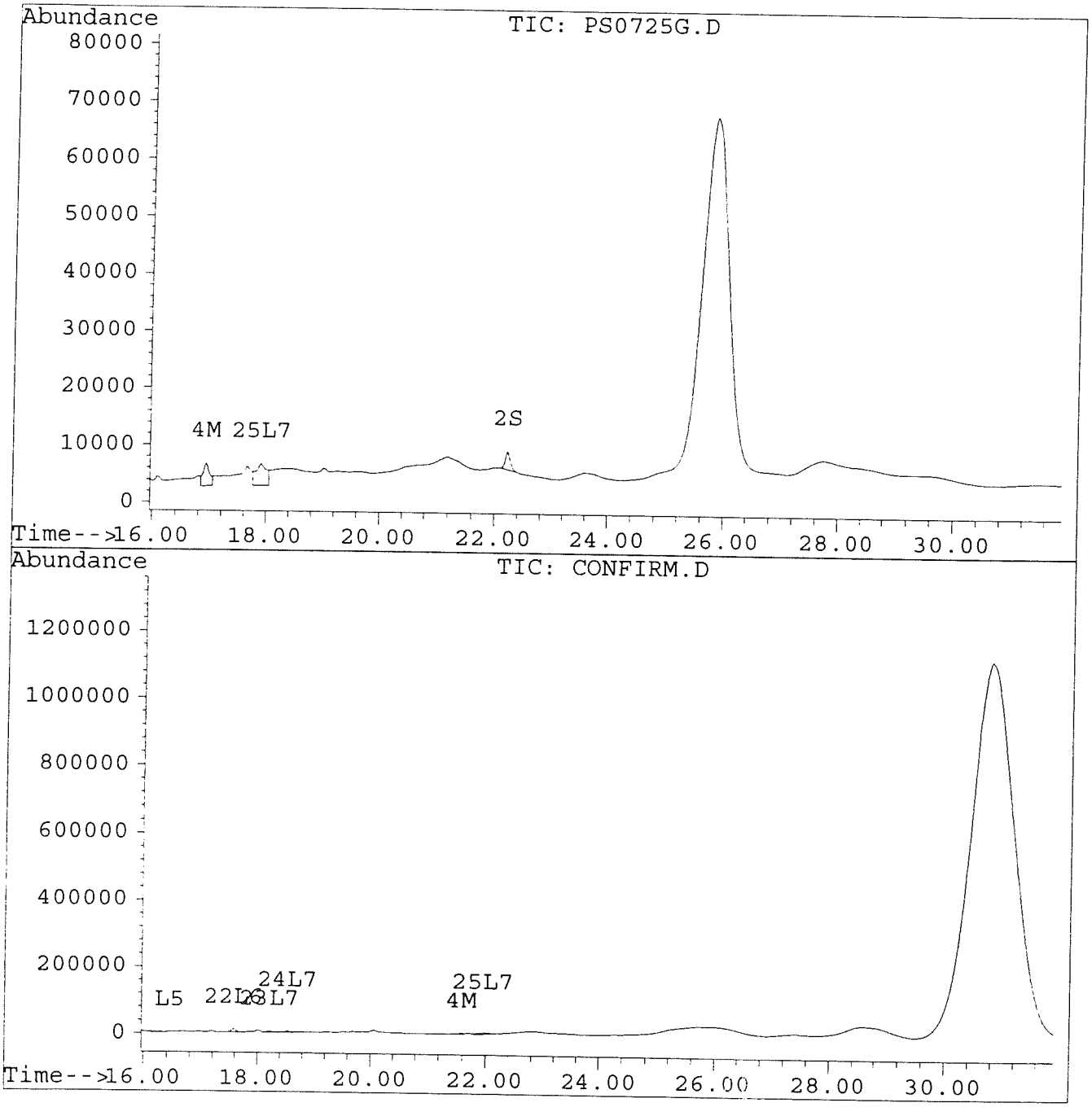
Vial: 2

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725I.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL25\PS0725I.D\CONFIRM.D
Acq On : 26 Jul 96 02:08 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.07	6.44	4117	3459	0.018	0.020
					Recovery =		45.00%	50.00%
2)	S	Decachlorobiphenyl	22.23	30.45	3843	1988	0.020m	0.023
					Recovery =		50.00%	57.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.66	13592	9566	0.122	0.101
4)	M	2,2',3,3',4,4'-Hexa	16.95	0.00	235	0	0.001	N.D. #
5)	L1	Aroclor-1016	6.80	8.80	7733	3643	0.257	0.295
6)	L1	Aroclor-1016 (2)	8.93	10.33	3916	6548	0.250	0.259
7)	L1	Aroclor-1016 (3)	9.33	12.26	6259	4055	0.260	0.256
		Total Aroclor-1016			17908	14246	0.768	0.811
		Average Aroclor-1016					0.256	0.270
8)	L2	Aroclor-1221	5.09	8.03	648	577	0.092	0.094
9)	L2	Aroclor-1221 (2)	5.51	8.57	919	781	0.157	0.160
10)	L2	Aroclor-1221 (3)	5.68	8.80	4428	3643	0.219	0.237
		Total Aroclor-1221			5994	5001	0.469	0.492
		Average Aroclor-1221					0.156	0.164
11)	L3	Aroclor-1232	5.68	8.80	4428	3643	0.243	0.254
12)	L3	Aroclor-1232 (2)	6.80	10.33	7733	6548	0.567	0.545
13)	L3	Aroclor-1232 (3)	8.61	12.26	4966	4055	0.600	0.585
		Total Aroclor-1232			17127	14246	1.409	1.384
		Average Aroclor-1232					0.470	0.461
14)	L4	Aroclor-1242	8.22	11.66	13592	9566	0.334	0.331
15)	L4	Aroclor-1242 (2)	8.93	12.26	3916	4055	0.322	0.323
16)	L4	Aroclor-1242 (3)	10.08	14.02	5314	3937	0.328	0.322
		Total Aroclor-1242			22822	17558	0.983	0.977
		Average Aroclor-1242					0.328	0.326
17)	L5	Aroclor-1248	9.33	14.97	6259	4123	0.203	0.188
18)	L5	Aroclor-1248 (2)	10.08	15.18	5314	4889	0.204	0.215
19)	L5	Aroclor-1248 (3)	11.40	16.19	6125	4066	0.180	0.232 #
		Total Aroclor-1248			17698	13079	0.587	0.635
		Average Aroclor-1248					0.196	0.212

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725I.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725I.D\CONFIRM.D
Acq On : 26 Jul 96 02:08 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:41 1996

Vial: 4

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.48	0	1417	N.D.	0.058 #
21) L6	Aroclor-1254 {2}	13.43	15.73	1333	1594	0.033	0.060 #
22) L6	Aroclor-1254 {3}	15.82	17.58	179	2236	0.006	0.060 #
Total	Aroclor-1254			1512	5246	0.038	0.178
Average	Aroclor-1254					0.019	0.059
23) L7	Aroclor-1260	13.91	18.20	749	1310	0.024	0.046 #
24) L7	Aroclor-1260 {2}	14.71	0.00	119	0	0.003	N.D. #
25) L7	Aroclor-1260 {3}	17.92	0.00	52	0	0.001	N.D. #
Total	Aroclor-1260			920	1310	0.028	0.046
Average	Aroclor-1260					0.009	0.046
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.04	23.57f	82	1775	NoCal	NoCal
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725I.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725I.D\CONFIRM.D
Acq On : 26 Jul 96 02:08 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:41 1996

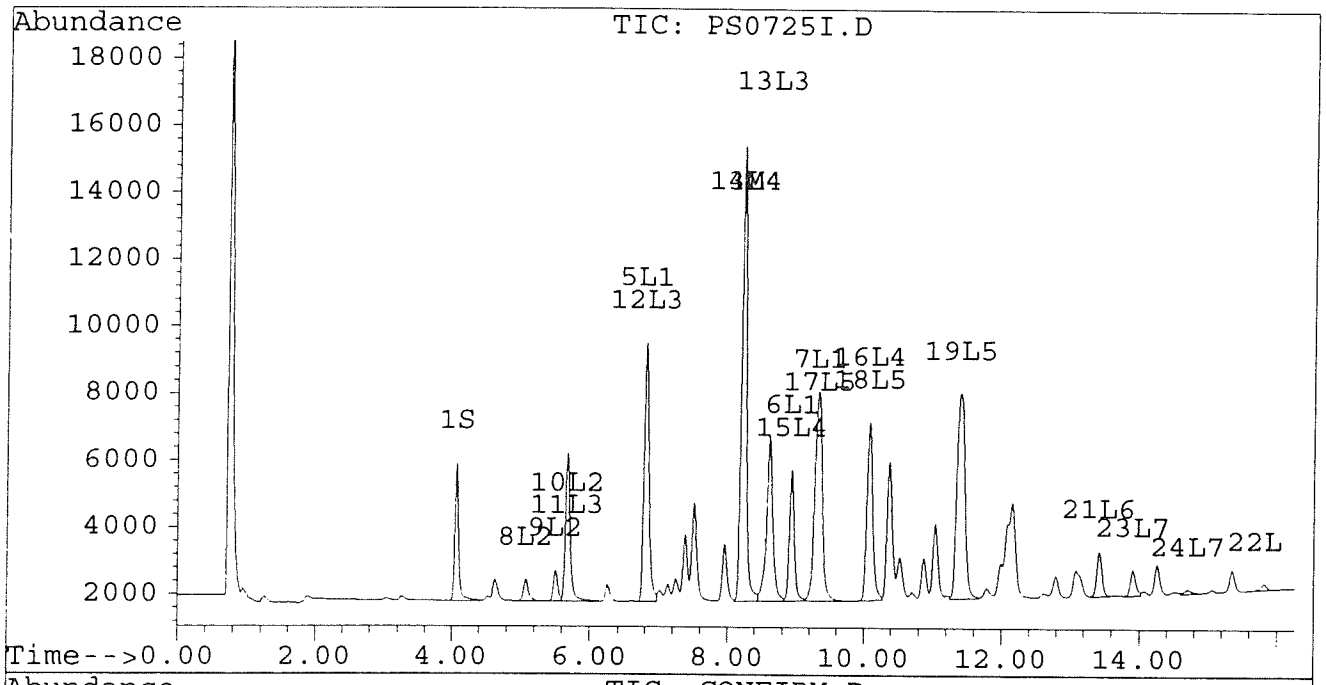
Vial: 4

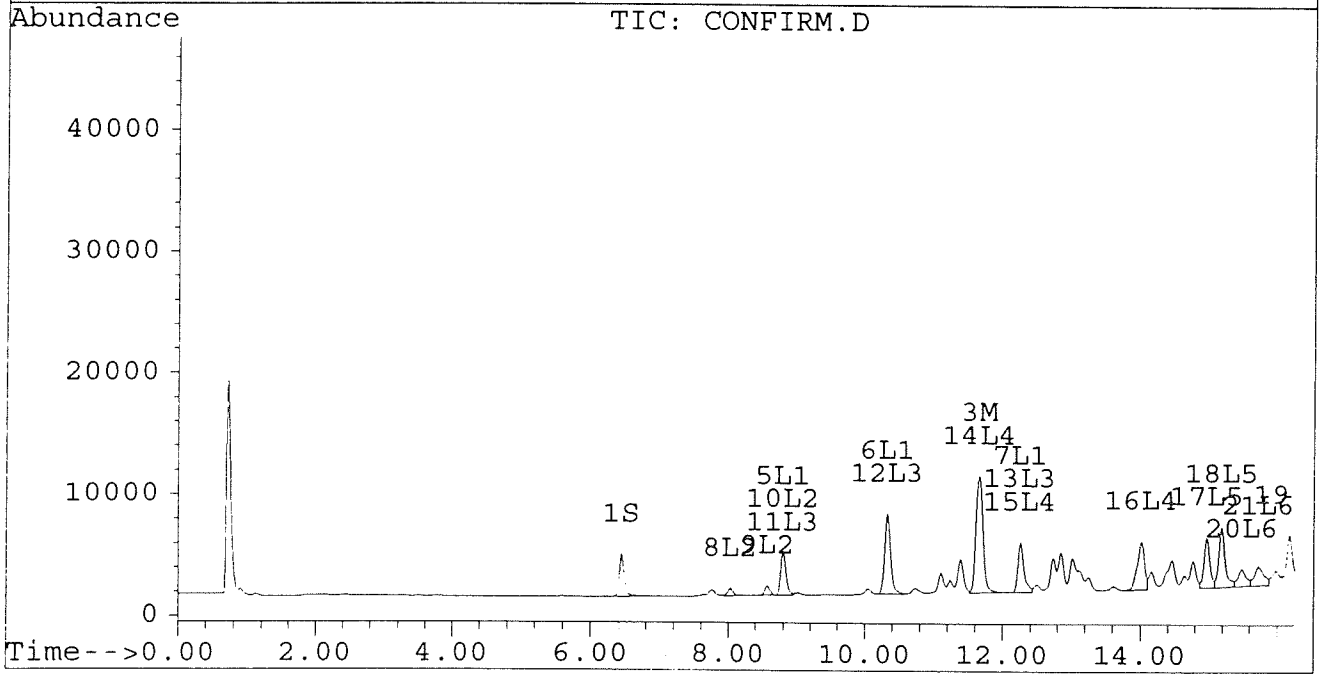
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725I.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725I.D\CONFIRM.D
Acq On : 26 Jul 96 02:08 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:41 1996

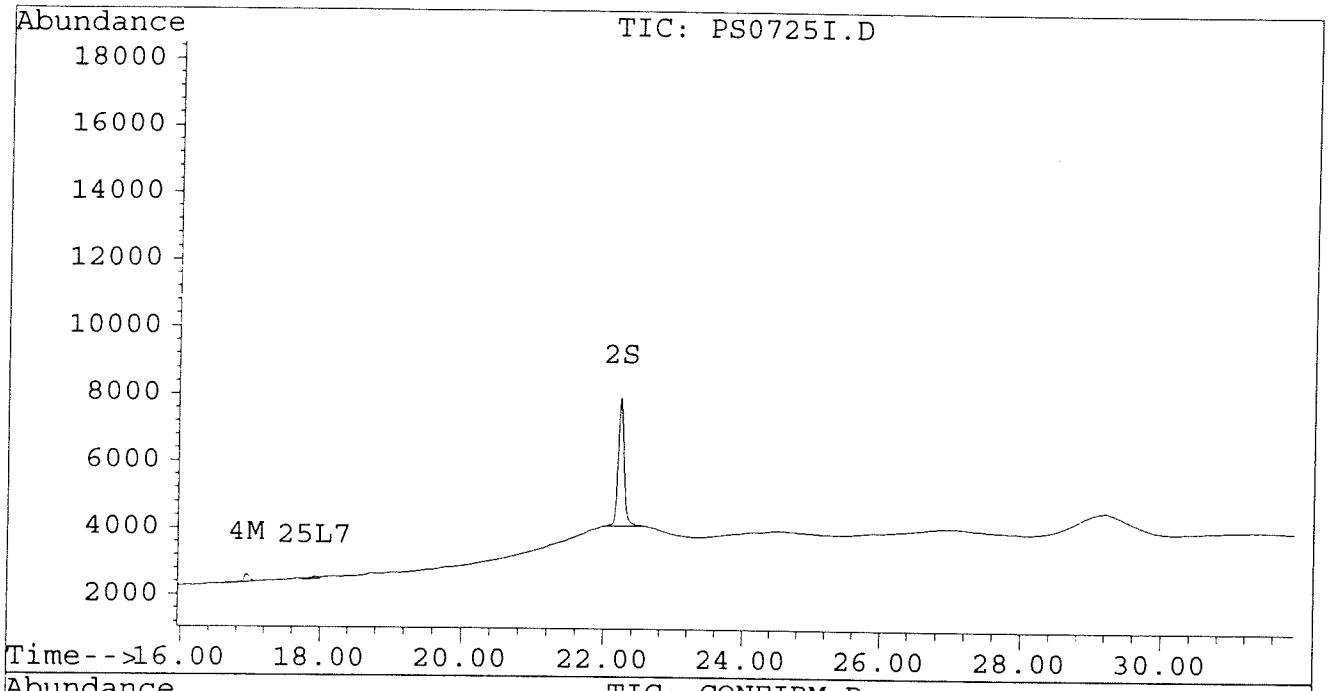
Vial: 4

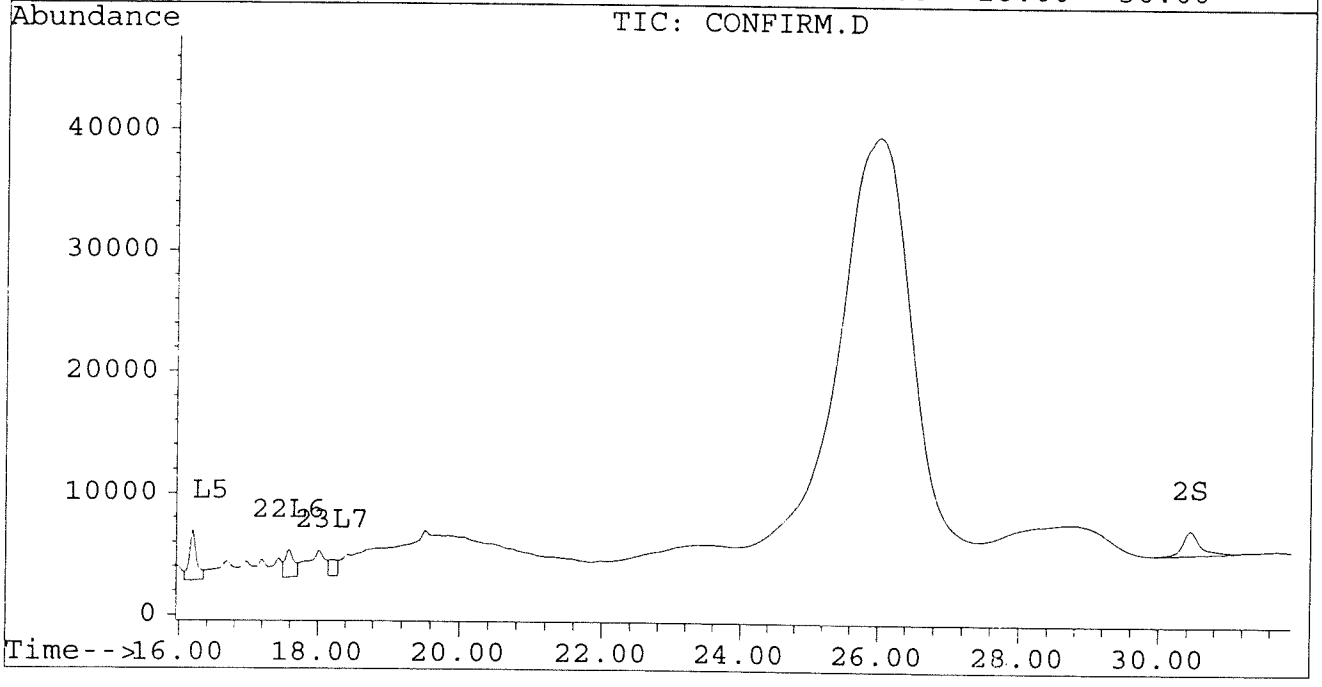
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725J.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725J.D\CONFIRM.D
Acq On : 26 Jul 96 02:44 AM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 14:42 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.06	6.44	10366	7758	0.046	0.045
				Recovery	=	115.00%	112.50%
2) S	Decachlorobiphenyl	22.23	30.45	8067	3501	0.041m	0.041m
				Recovery	=	102.50%	102.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.68	11141	10487	0.100m	0.111m
4) M	2,2',3,3',4,4'-Hexa	16.94	21.58	20174	16006	0.113	0.116m
5) L1	Aroclor-1016	6.83	0.00	132	0	0.004	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			132	0	0.004	N.D.
Average	Aroclor-1016					0.004	0.000
8) L2	Aroclor-1221	5.06	8.07f	93	91	0.013	0.015
9) L2	Aroclor-1221 {2}	5.51	0.00	128	0	0.022	N.D. #
10) L2	Aroclor-1221 {3}	5.73f	0.00	152	0	0.008	N.D. #
Total	Aroclor-1221			374	91	0.043	0.015
Average	Aroclor-1221					0.014	0.015
11) L3	Aroclor-1232	5.73f	0.00	152	0	0.008	N.D. #
12) L3	Aroclor-1232 {2}	6.83	0.00	132	0	0.010	N.D. #
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			284	0	0.018	N.D.
Average	Aroclor-1232					0.009	0.000
14) L4	Aroclor-1242	8.22	11.68	11333	10725	0.278	0.371 #
15) L4	Aroclor-1242 {2}	8.89f	0.00	252	0	0.021	N.D. #
16) L4	Aroclor-1242 {3}	0.00	14.03	0	205	N.D.	0.017 #
Total	Aroclor-1242			11585	10931	0.299	0.388
Average	Aroclor-1242					0.149	0.194
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	11.40	0.00	142	0	0.004	N.D. #
Total	Aroclor-1248			142	0	0.004	N.D.
Average	Aroclor-1248					0.004	0.000

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725J.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725J.D\CONFIRM.D
Acq On : 26 Jul 96 02:44 AM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 14:42 1996

Vial: 5

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	13.93	0.00	74	0	0.002	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			74	0	0.002	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}	21.82	0.00	829	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.

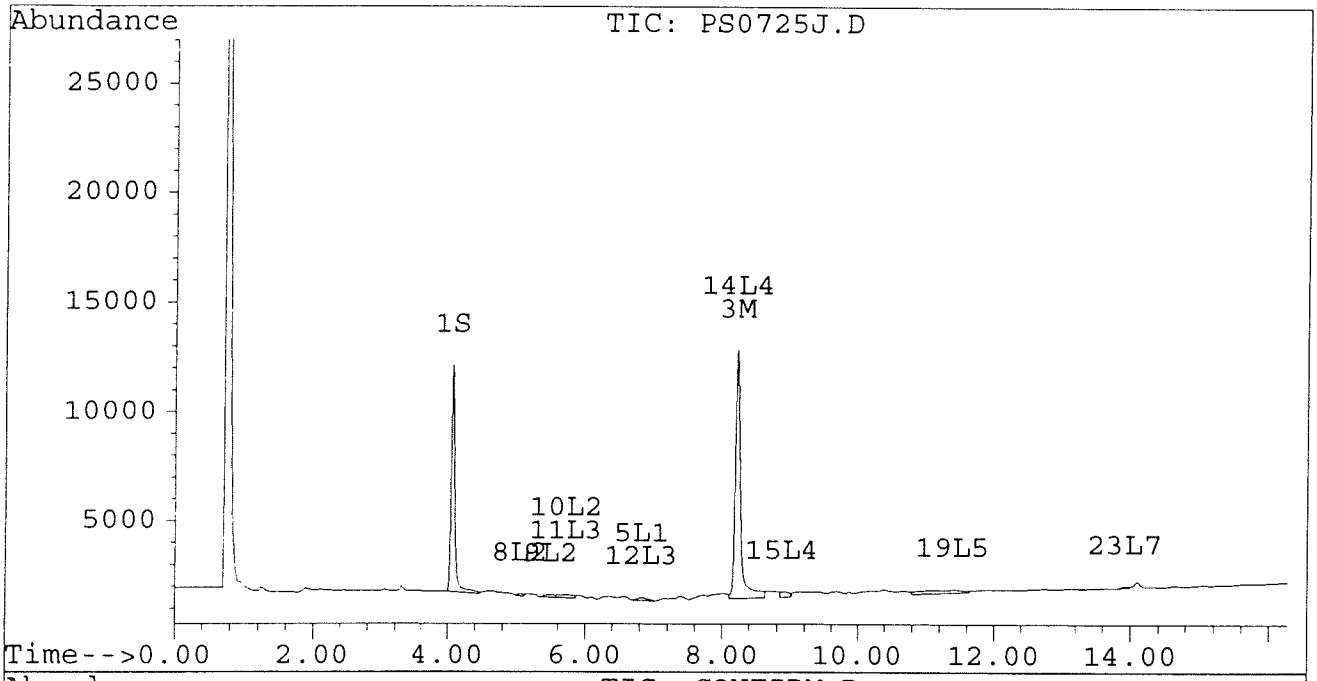
Quantitation Report

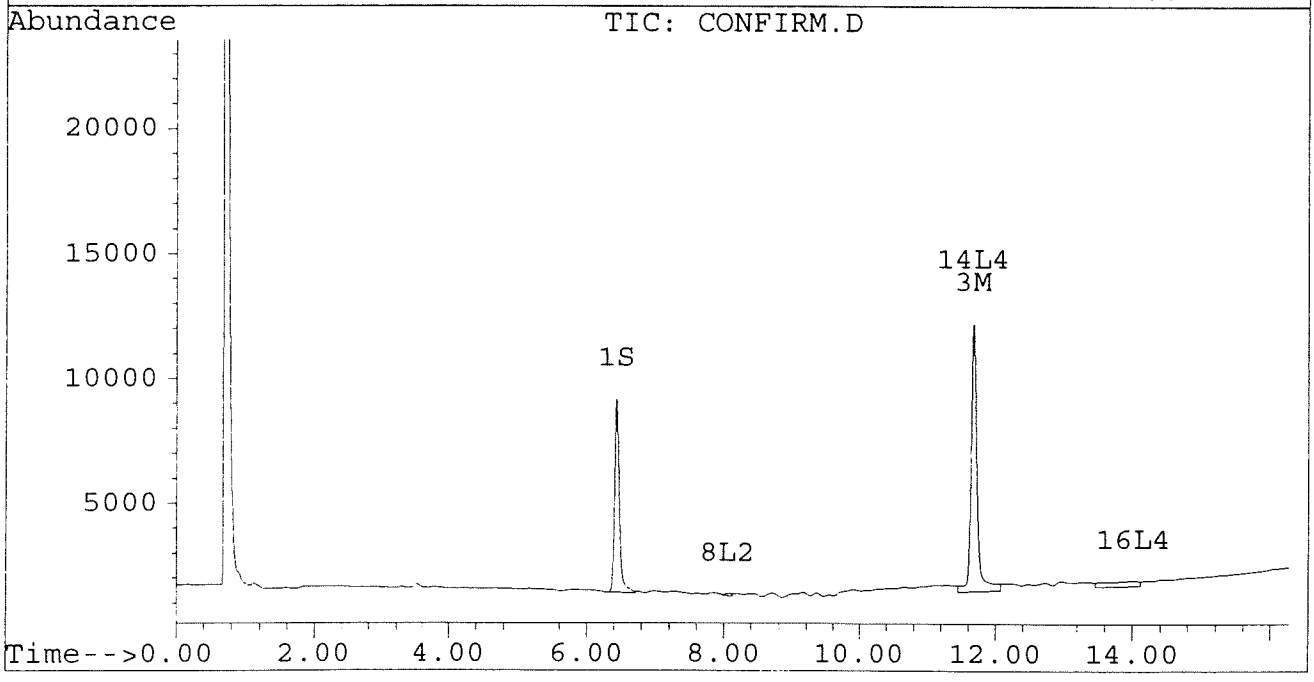
Signal #1 : D:\HPCHEM\5\JL25\PS0725J.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725J.D\CONFIRM.D
Acq On : 26 Jul 96 02:44 AM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 14:42 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725J.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725J.D\CONFIRM.D
Acq On : 26 Jul 96 02:44 AM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 14:42 1996

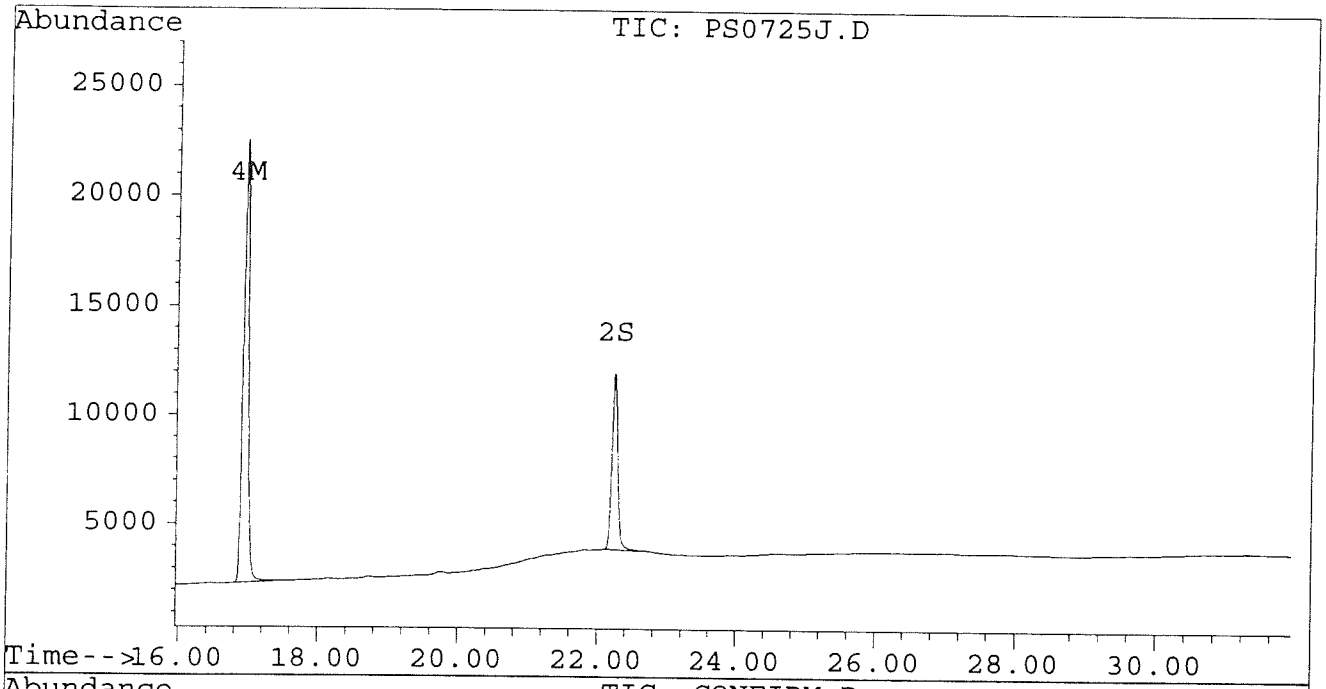
Vial: 5

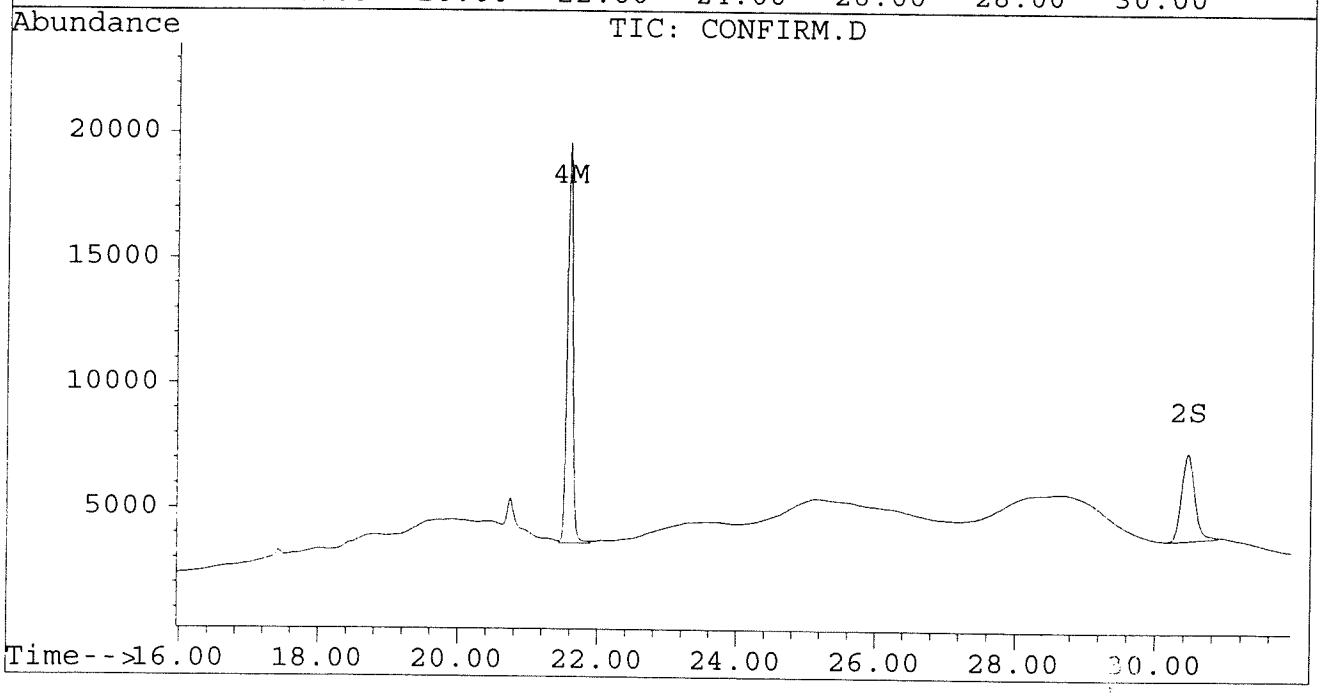
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725L.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL25\PS0725L.D\CONFIRM.D
Acq On : 26 Jul 96 09:48 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	4.08	6.43	3911	3171	0.018	0.018	
					Recovery	=	45.00%	45.00%	
2)	S	Decachlorobiphenyl	22.24	30.46	3518	1485	0.018m	0.017m	
					Recovery	=	45.00%	42.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.23	11.65	303	212	0.003	0.002	
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.58	3172	3592	0.018	0.026	#
5)	L1	Aroclor-1016	6.82	8.80	157	56	0.005	0.005	
6)	L1	Aroclor-1016 {2}	8.95	10.33	85	125	0.005	0.005	
7)	L1	Aroclor-1016 {3}	9.30	12.26	5347	67	0.222	0.004	#
	Total	Aroclor-1016			5589	249	0.233	0.014	
	Average	Aroclor-1016					0.078	0.005	
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10)	L2	Aroclor-1221 {3}	5.69	8.80	66	56	0.003	0.004	
	Total	Aroclor-1221			66	56	0.003	0.004	
	Average	Aroclor-1221					0.003	0.004	
11)	L3	Aroclor-1232	5.69	8.80	66	56	0.004	0.004	
12)	L3	Aroclor-1232 {2}	6.82	10.33	157	125	0.011	0.010	
13)	L3	Aroclor-1232 {3}	8.62	12.26	105	67	0.013	0.010	
	Total	Aroclor-1232			328	249	0.028	0.024	
	Average	Aroclor-1232					0.009	0.008	
14)	L4	Aroclor-1242	8.23	11.65	303	212	0.007	0.007	
15)	L4	Aroclor-1242 {2}	8.95	12.26	85	67	0.007	0.005	
16)	L4	Aroclor-1242 {3}	10.08	14.02	2549	2056	0.157	0.168	
	Total	Aroclor-1242			2938	2336	0.172	0.181	
	Average	Aroclor-1242					0.057	0.060	
17)	L5	Aroclor-1248	9.30	14.97	5347	3287	0.173	0.150	
18)	L5	Aroclor-1248 {2}	10.08	15.19	2549	1145	0.098	0.050	#
19)	L5	Aroclor-1248 {3}	11.37	16.19	9934	1077	0.292	0.061	#
	Total	Aroclor-1248			17830	5509	0.563	0.262	
	Average	Aroclor-1248					0.188	0.087	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725L.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL25\PS0725L.D\CONFIRM.D
Acq On : 26 Jul 96 09:48 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	9242	7372	0.315	0.304	
21) L6	Aroclor-1254 {2}	13.43	15.72	12829	8164	0.313	0.306	
22) L6	Aroclor-1254 {3}	15.82	17.58	9400	12195	0.308	0.328	
Total	Aroclor-1254			31471	27731	0.937	0.938	
Average	Aroclor-1254					0.312	0.313	
23) L7	Aroclor-1260	13.93	18.21	5740	5265	0.182	0.187	
24) L7	Aroclor-1260 {2}	14.71	18.53	5311	6289	0.144	0.193	#
25) L7	Aroclor-1260 {3}	17.92	21.95	1674	2499	0.032	0.052	#
Total	Aroclor-1260			12724	14053	0.358	0.431	
Average	Aroclor-1260					0.119	0.144	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	19.04	0.00	1240	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	

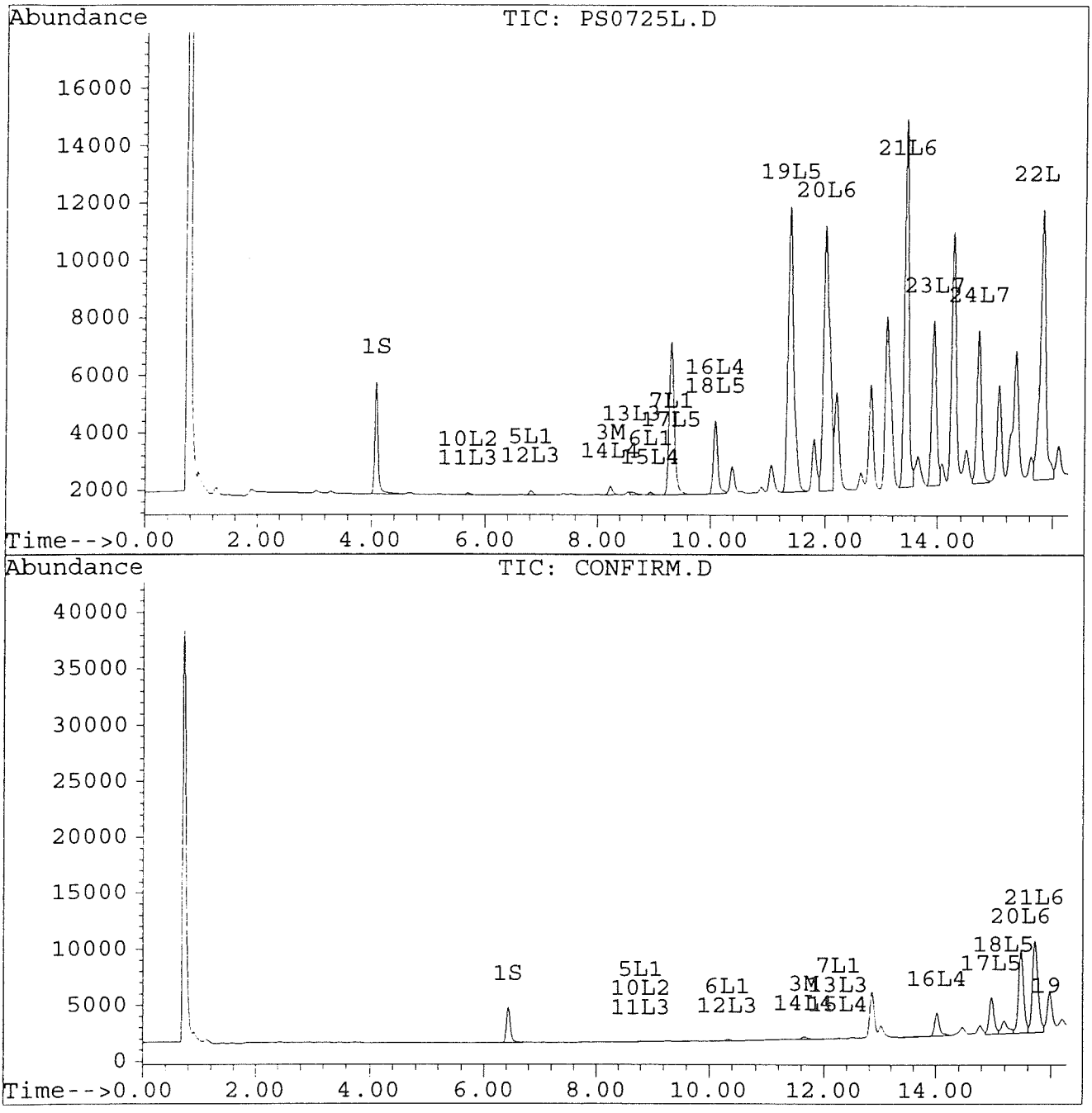
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725L.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL25\PS0725L.D\CONFIRM.D
Acq On : 26 Jul 96 09:48 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL25\PS0725L.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725L.D\CONFIRM.D
Acq On : 26 Jul 96 09:48 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:42 1996

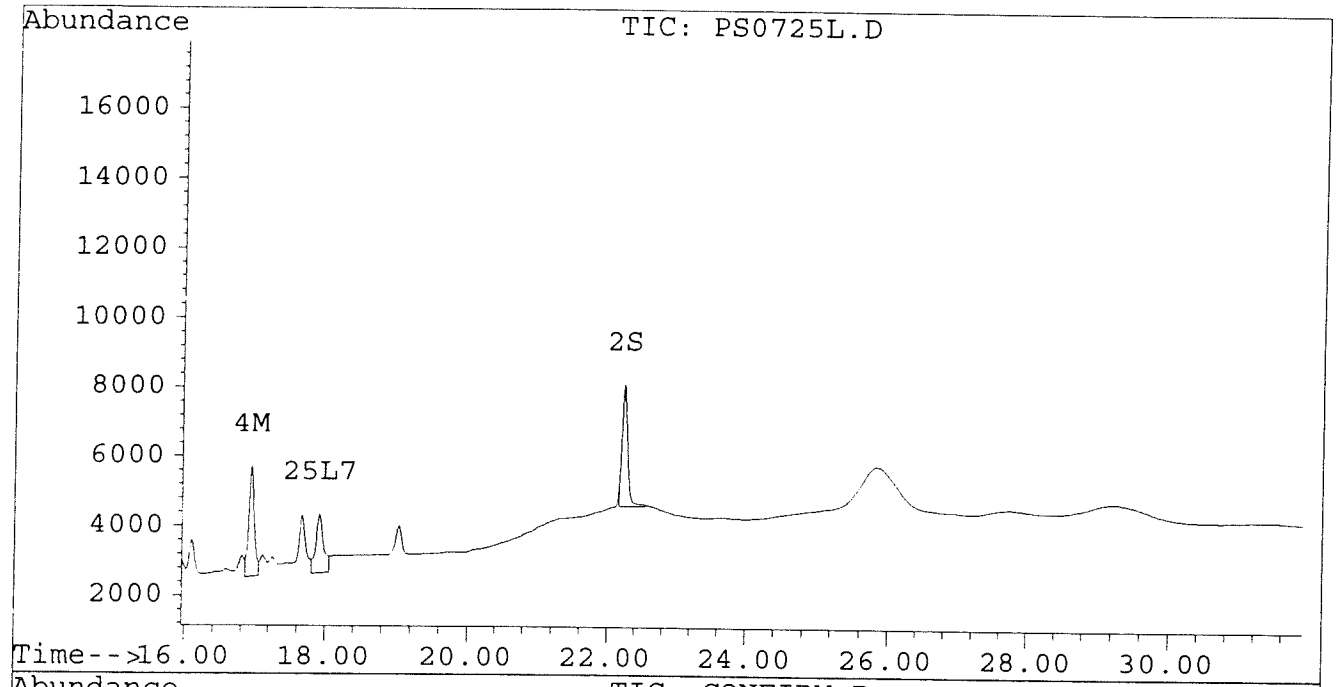
Vial: 2

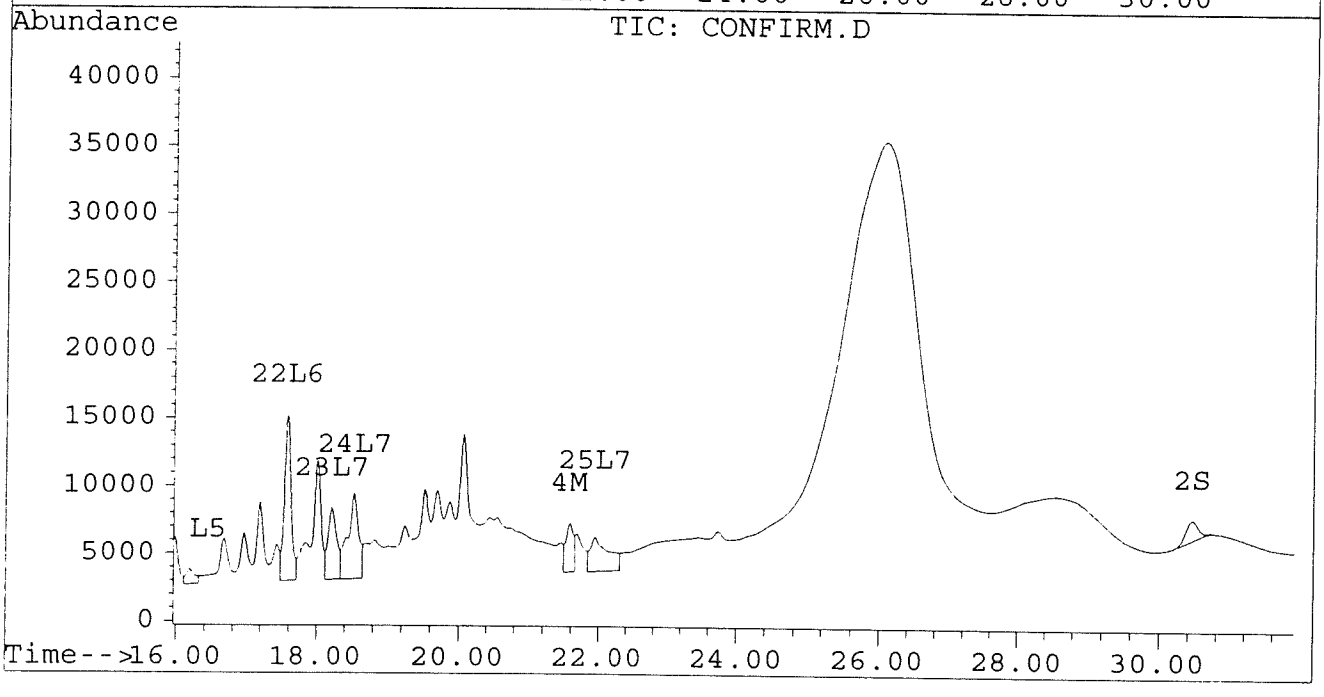
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725N.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL25\PS0725N.D\CONFIRM.D
Acq On : 26 Jul 96 11:09 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	4385	3536	0.020	0.020
				Recovery	=	50.00%	50.00%
2) S	Decachlorobiphenyl	22.23	30.45	3907	1634	0.020m	0.019m
				Recovery	=	50.00%	47.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.66	14110	9931	0.127	0.105
4) M	2,2',3,3',4,4'-Hexa	16.95	21.60	245	1234	0.001	0.009 #
5) L1	Aroclor-1016	6.80	8.80	7995	3814	0.266	0.309
6) L1	Aroclor-1016 (2)	8.94	10.33	4161	6716	0.266	0.266
7) L1	Aroclor-1016 (3)	9.33	12.26	6461	4251	0.269	0.269
Total	Aroclor-1016			18617	14781	0.801	0.844
Average	Aroclor-1016					0.267	0.281
8) L2	Aroclor-1221	5.09	8.03	678	611	0.097	0.100
9) L2	Aroclor-1221 (2)	5.51	8.57	964	828	0.165	0.170
10) L2	Aroclor-1221 (3)	5.68	8.80	4625	3814	0.229	0.248
Total	Aroclor-1221			6268	5253	0.491	0.518
Average	Aroclor-1221					0.164	0.173
11) L3	Aroclor-1232	5.68	8.80	4625	3814	0.254	0.266
12) L3	Aroclor-1232 (2)	6.80	10.33	7995	6716	0.586	0.559
13) L3	Aroclor-1232 (3)	8.61	12.26	5174	4251	0.625	0.613
Total	Aroclor-1232			17795	14781	1.465	1.438
Average	Aroclor-1232					0.488	0.479
14) L4	Aroclor-1242	8.22	11.66	14110	9931	0.346	0.344
15) L4	Aroclor-1242 (2)	8.94	12.26	4161	4251	0.342	0.339
16) L4	Aroclor-1242 (3)	10.08	14.02	5508	4066	0.340	0.333
Total	Aroclor-1242			23779	18248	1.028	1.016
Average	Aroclor-1242					0.343	0.339
17) L5	Aroclor-1248	9.33	14.97	6461	4093	0.209	0.187
18) L5	Aroclor-1248 (2)	10.08	15.19	5508	4683	0.212	0.206
19) L5	Aroclor-1248 (3)	11.40	16.19	6399	3615	0.188	0.206
Total	Aroclor-1248			18368	12391	0.609	0.599
Average	Aroclor-1248					0.203	0.200

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725N.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725N.D\CONFIRM.D
Acq On : 26 Jul 96 11:09 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:43 1996

Vial: 4

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	15.48	0	1041	N.D.	0.043 #
21) L6	Aroclor-1254 {2}	13.43	15.73	1387	1163	0.034	0.044 #
22) L6	Aroclor-1254 {3}	15.82	17.58	200	1643	0.007	0.044 #
Total	Aroclor-1254			1588	3847	0.040	0.131
Average	Aroclor-1254					0.020	0.044
23) L7	Aroclor-1260	13.91	18.22	793	720	0.025	0.026
24) L7	Aroclor-1260 {2}	14.71	18.53	132	880	0.004	0.027 #
25) L7	Aroclor-1260 {3}	17.92	0.00	26	0	0.000	N.D. #
Total	Aroclor-1260			950	1600	0.029	0.053
Average	Aroclor-1260					0.010	0.026
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.

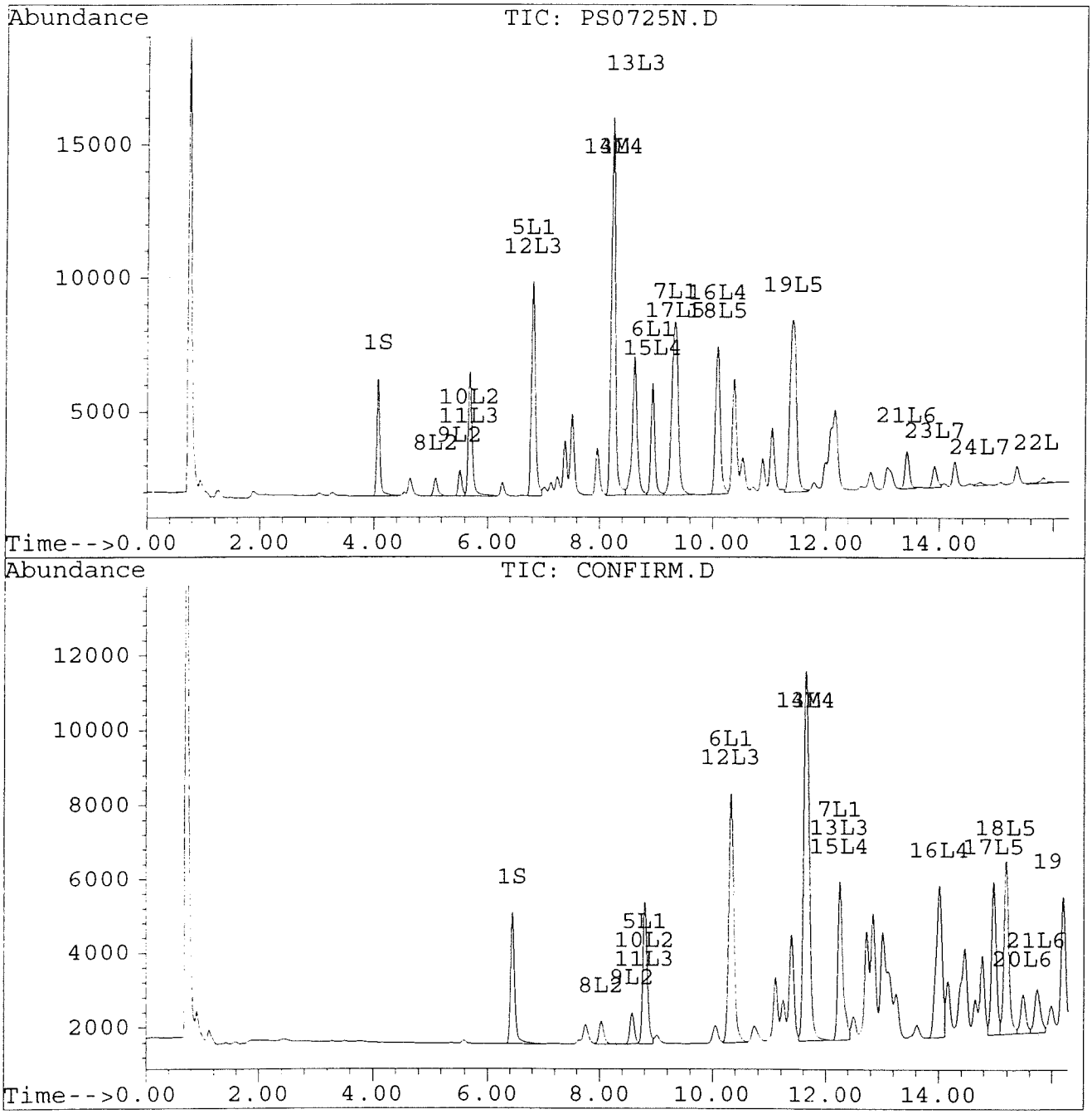
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725N.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725N.D\CONFIRM.D
Acq On : 26 Jul 96 11:09 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:43 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725N.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725N.D\CONFIRM.D
Acq On : 26 Jul 96 11:09 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:43 1996

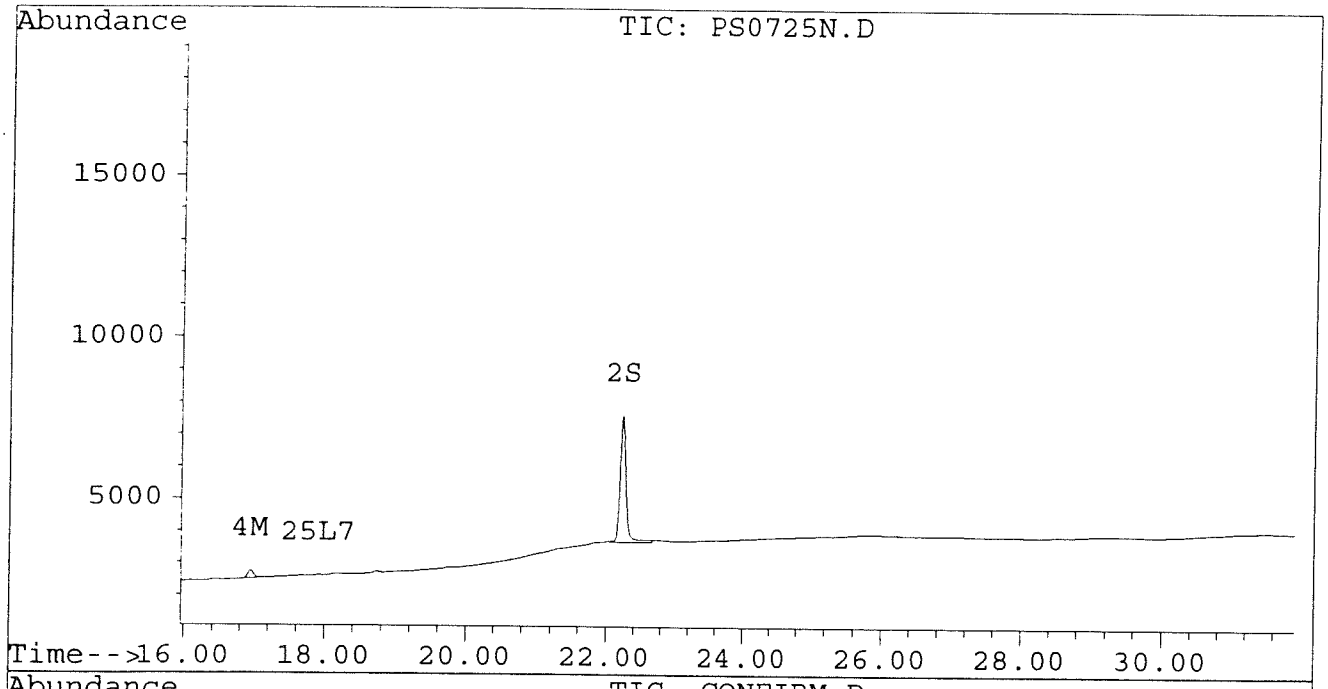
Vial: 4

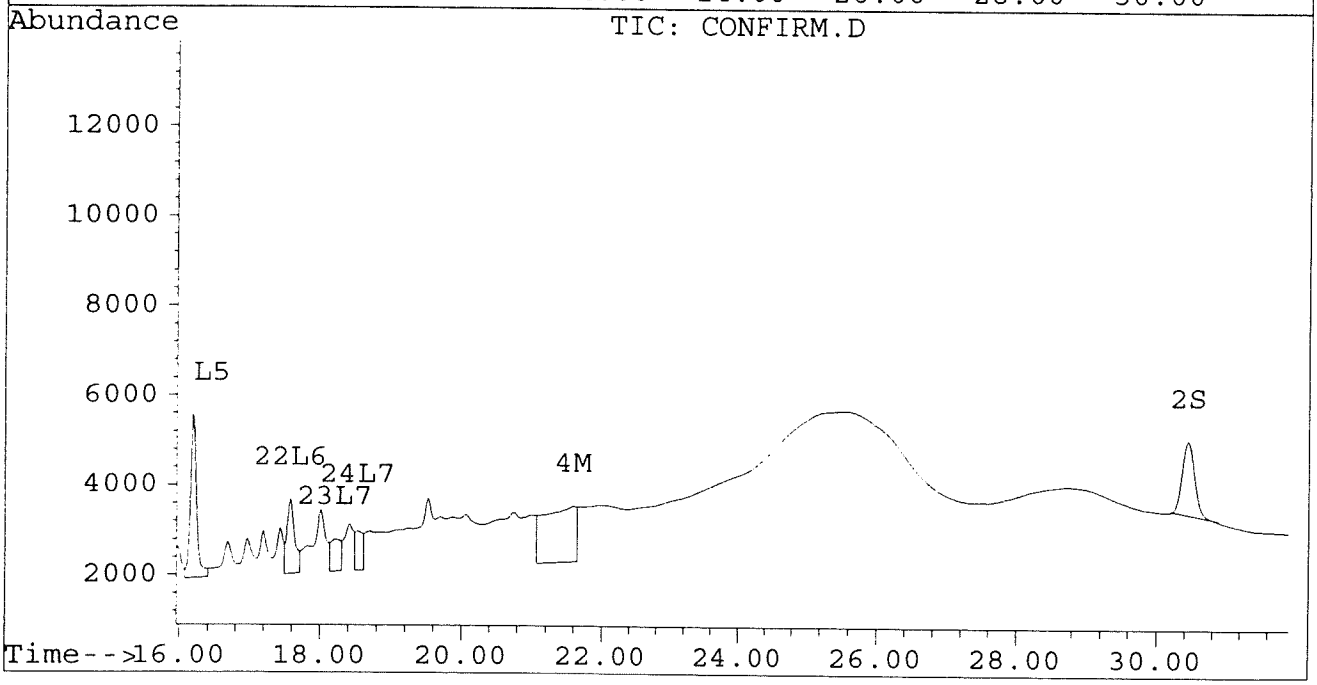
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725P.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL25\PS0725P.D\CONFIRM.D
Acq On : 26 Jul 96 02:06 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.07	6.44	4522	3617	0.020	0.021	
					Recovery	=	50.00%	52.50%	
2)	S	Decachlorobiphenyl	22.24	0.00	4027	0	0.021m	N.D.	#
					Recovery	=	52.50%	0.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.66	334	291	0.003	0.003	
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.59	4653	2760	0.026	0.020	
5)	L1	Aroclor-1016	6.81	8.81	176	257	0.006	0.021	#
6)	L1	Aroclor-1016 (2)	8.94	10.33	95	283	0.006	0.011	#
7)	L1	Aroclor-1016 (3)	9.30f	12.27	5889	145	0.245	0.009	#
		Total Aroclor-1016			6160	685	0.257	0.041	
		Average Aroclor-1016					0.086	0.014	
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)	5.69	8.81	74	257	0.004	0.017	#
		Total Aroclor-1221			74	257	0.004	0.017	
		Average Aroclor-1221					0.004	0.017	
11)	L3	Aroclor-1232	5.69	8.81	74	257	0.004	0.018	#
12)	L3	Aroclor-1232 (2)	6.81	10.33	176	283	0.013	0.024	#
13)	L3	Aroclor-1232 (3)	8.61	12.27	117	145	0.014	0.021	#
		Total Aroclor-1232			367	685	0.031	0.062	
		Average Aroclor-1232					0.010	0.021	
14)	L4	Aroclor-1242	8.22	11.66	334	291	0.008	0.010	
15)	L4	Aroclor-1242 (2)	8.94	12.27	95	145	0.008	0.012	#
16)	L4	Aroclor-1242 (3)	10.07	14.02	2841	2702	0.175	0.221	#
		Total Aroclor-1242			3269	3138	0.191	0.243	
		Average Aroclor-1242					0.064	0.081	
17)	L5	Aroclor-1248	9.30	14.97	5889	3840	0.191	0.175	
18)	L5	Aroclor-1248 (2)	10.07	15.19	2841	1428	0.109	0.063	#
19)	L5	Aroclor-1248 (3)	11.36f	16.20	10943	722	0.322	0.041	#
		Total Aroclor-1248			19673	5990	0.622	0.279	
		Average Aroclor-1248					0.207	0.093	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725P.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725P.D\CONFIRM.D
Acq On : 26 Jul 96 02:06 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:44 1996

Vial: 2

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	15.48	10195	8220	0.348	0.339
21) L6	Aroclor-1254 {2}	13.43	15.72	14403	8777	0.352	0.329
22) L6	Aroclor-1254 {3}	15.82	17.58	10955	11982	0.359	0.322
Total	Aroclor-1254			35553	28978	1.059	0.990
Average	Aroclor-1254					0.353	0.330
23) L7	Aroclor-1260	13.92	18.21	6385	3892	0.202	0.138 #
24) L7	Aroclor-1260 {2}	14.71	18.53	5845	4654	0.158	0.143
25) L7	Aroclor-1260 {3}	17.91	21.96	2537	3866	0.049	0.080 #
Total	Aroclor-1260			14766	12412	0.409	0.361
Average	Aroclor-1260					0.136	0.120
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.03	0.00	1489	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\JL25\PS0725P.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725P.D\CONFIRM.D
Acq On : 26 Jul 96 02:06 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:44 1996

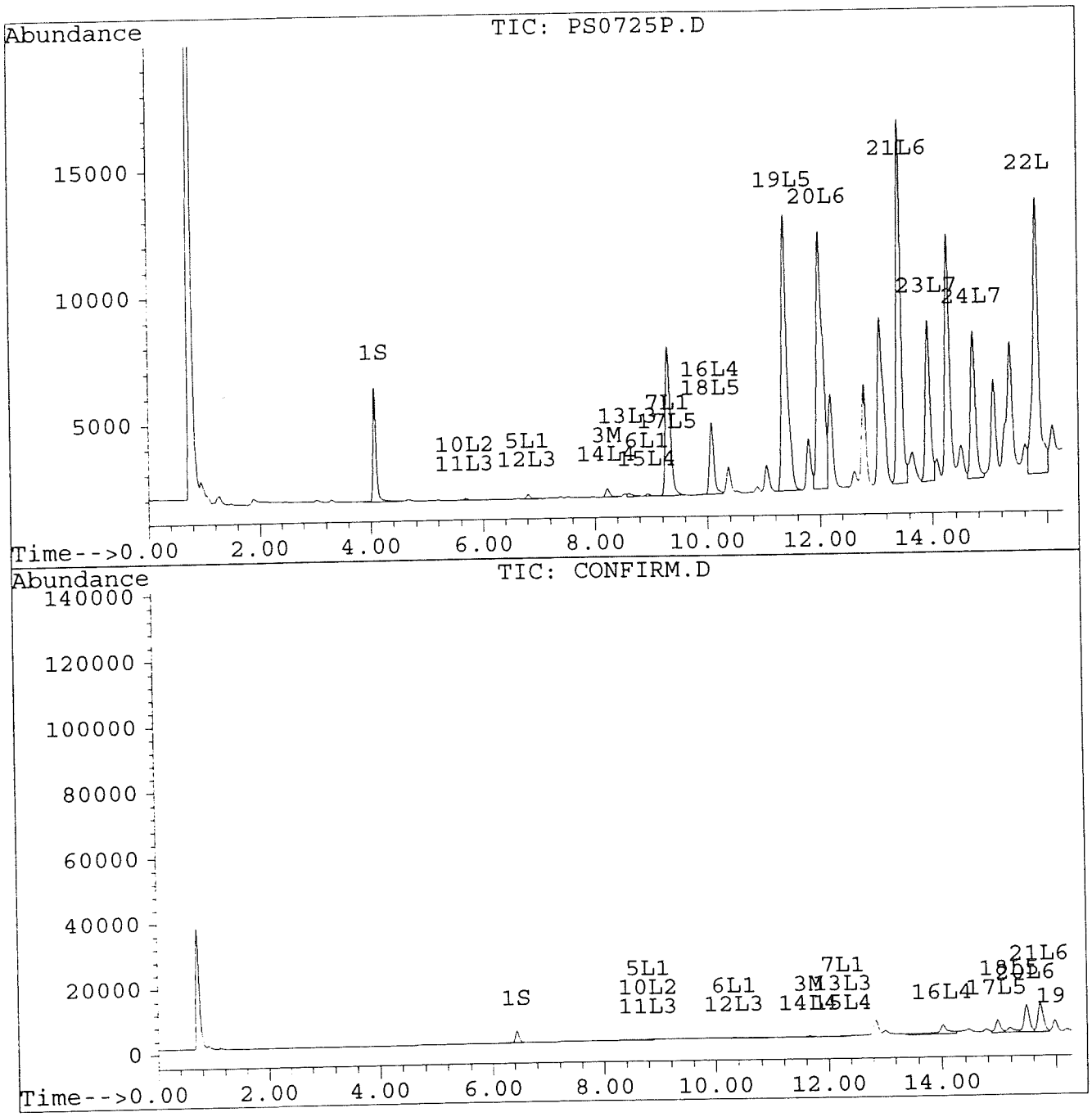
Vial: 2

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725P.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725P.D\CONFIRM.D
Acq On : 26 Jul 96 02:06 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:44 1996

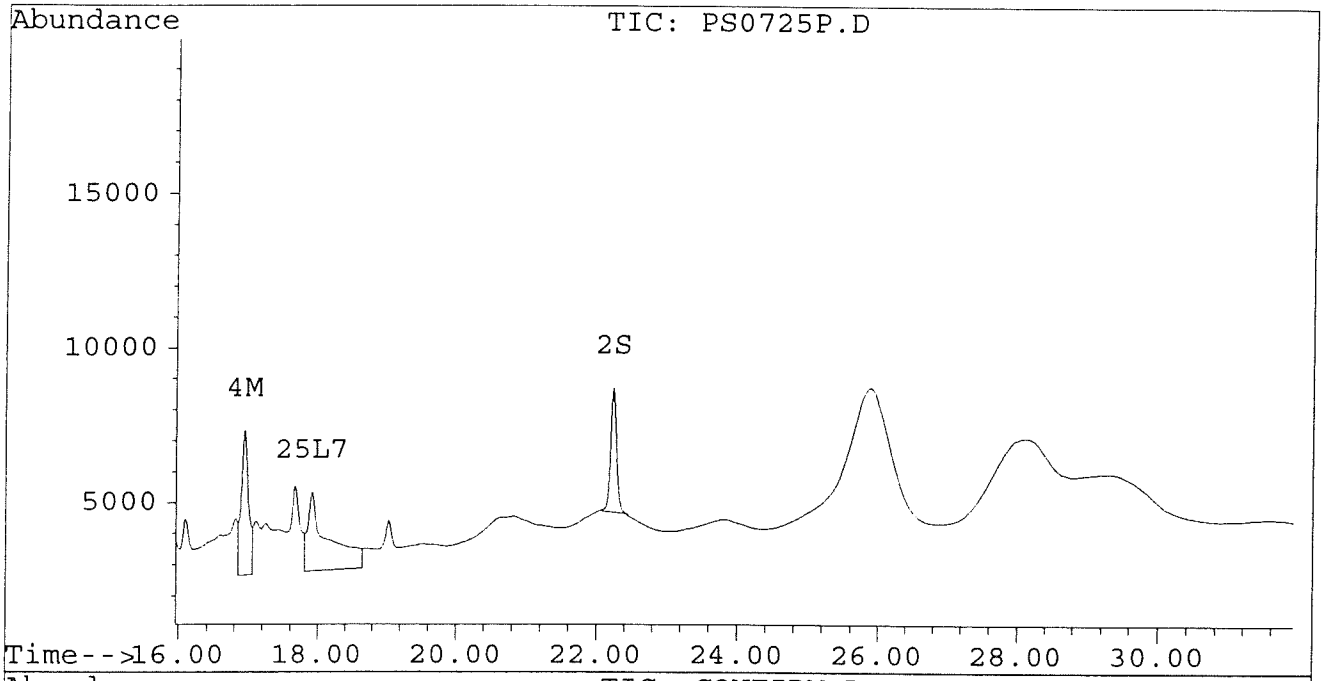
Vial: 2

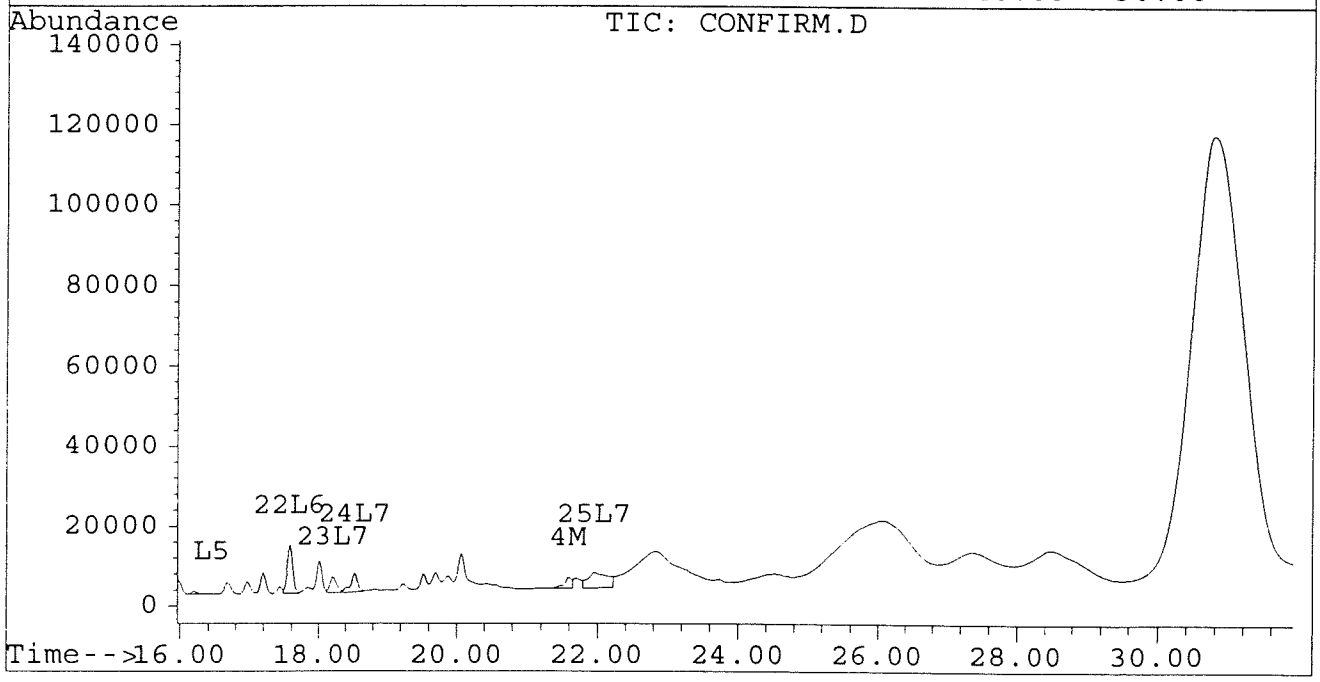
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725R.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL25\PS0725R.D\CONFIRM.D
Acq On : 26 Jul 96 03:19 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.07	6.44	4049	3388	0.018	0.020
				Recovery	=	45.00%	50.00%
2)	S Decachlorobiphenyl	22.24	30.45	3924	1637	0.020m	0.019m
				Recovery	=	50.00%	47.50%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.22	11.66	13869	9751	0.125	0.103
4)	M 2,2',3,3',4,4'-Hexa	16.95	21.59	254	492	0.001	0.004 #
5)	L1 Aroclor-1016	6.81	8.80	7758	3678	0.258	0.298
6)	L1 Aroclor-1016 (2)	8.94	10.33	4020	6543	0.257	0.259
7)	L1 Aroclor-1016 (3)	9.33	12.26	6332	4167	0.263	0.263
	Total Aroclor-1016			18111	14388	0.779	0.821
	Average Aroclor-1016					0.260	0.274
8)	L2 Aroclor-1221	5.09	8.03	649	584	0.093	0.095
9)	L2 Aroclor-1221 (2)	5.51	8.57	922	787	0.158	0.161
10)	L2 Aroclor-1221 (3)	5.68	8.80	4446	3678	0.220	0.240
	Total Aroclor-1221			6017	5048	0.471	0.496
	Average Aroclor-1221					0.157	0.165
11)	L3 Aroclor-1232	5.68	8.80	4446	3678	0.244	0.257
12)	L3 Aroclor-1232 (2)	6.81	10.33	7758	6543	0.568	0.545
13)	L3 Aroclor-1232 (3)	8.61	12.26	5048	4167	0.610	0.601
	Total Aroclor-1232			17252	14388	1.422	1.402
	Average Aroclor-1232					0.474	0.467
14)	L4 Aroclor-1242	8.22	11.66	13869	9751	0.340	0.338
15)	L4 Aroclor-1242 (2)	8.94	12.26	4020	4167	0.330	0.332
16)	L4 Aroclor-1242 (3)	10.08	14.02	5360	3978	0.331	0.326
	Total Aroclor-1242			23250	17895	1.002	0.995
	Average Aroclor-1242					0.334	0.332
17)	L5 Aroclor-1248	9.33	14.97	6332	4125	0.205	0.188
18)	L5 Aroclor-1248 (2)	10.08	15.19	5360	4786	0.206	0.211
19)	L5 Aroclor-1248 (3)	11.41	16.19	6304	3895	0.185	0.222
	Total Aroclor-1248			17997	12807	0.597	0.621
	Average Aroclor-1248					0.199	0.207

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725R.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL25\PS0725R.D\CONFIRM.D
Acq On : 26 Jul 96 03:19 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	0	1240	N.D.	0.051 #
21) L6	Aroclor-1254 {2}	13.43	15.73	1367	1371	0.033	0.051 #
22) L6	Aroclor-1254 {3}	15.82	17.58	184	1974	0.006	0.053 #
Total	Aroclor-1254			1551	4585	0.039	0.156
Average	Aroclor-1254					0.020	0.052
23) L7	Aroclor-1260	13.91	18.21	778	986	0.025	0.035 #
24) L7	Aroclor-1260 {2}	14.71	0.00	124	0	0.003	N.D. #
25) L7	Aroclor-1260 {3}	17.93	0.00	64	0	0.001	N.D. #
Total	Aroclor-1260			966	986	0.029	0.035
Average	Aroclor-1260					0.010	0.035
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

Quantitation Report

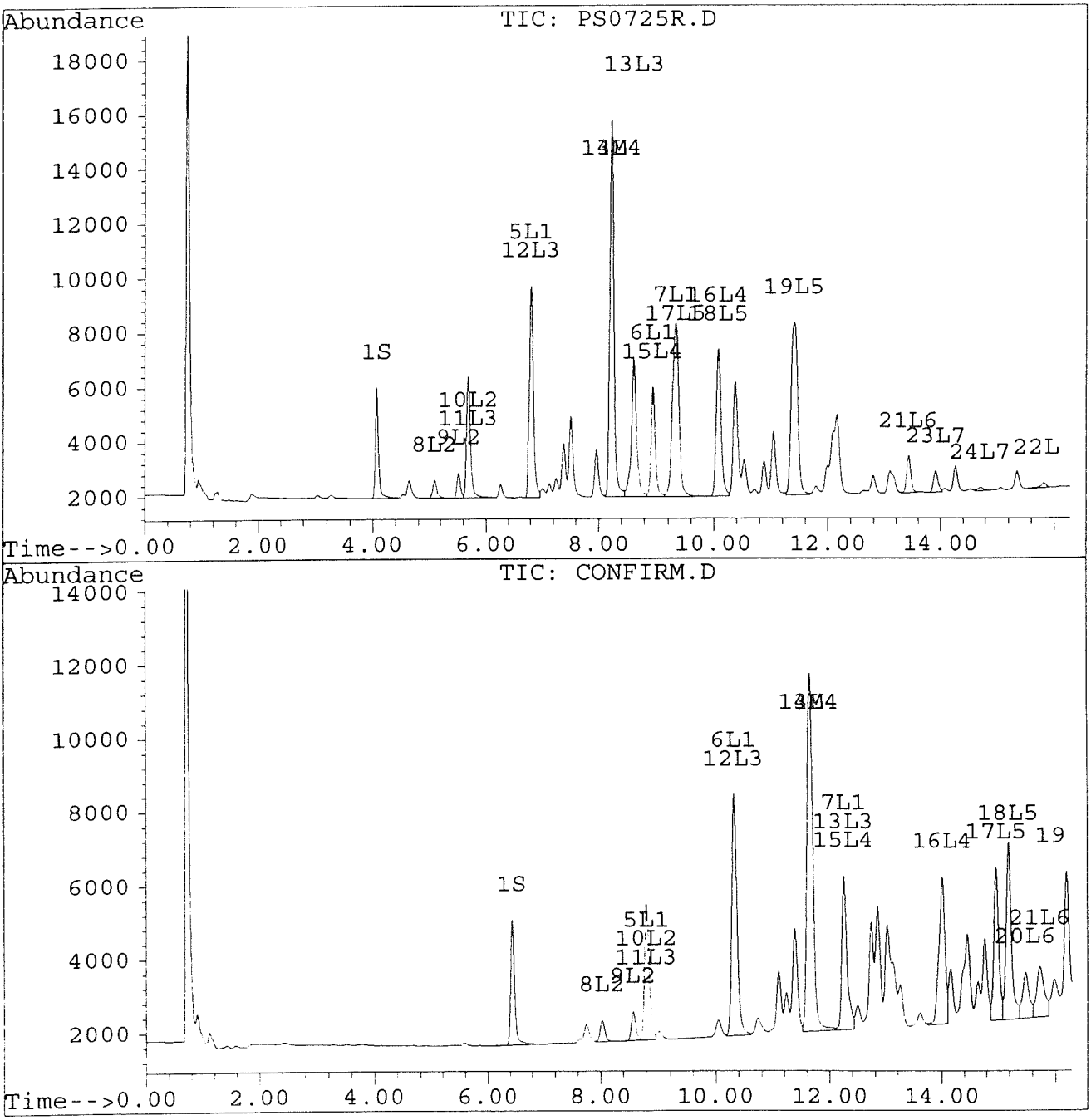
Signal #1 : D:\HPCHEM\5\JL25\PS0725R.D
Signal #2 : D:\HPCHEM\5\JL25\PS0725R.D\CONFIRM.D
Acq On : 26 Jul 96 03:19 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:47 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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

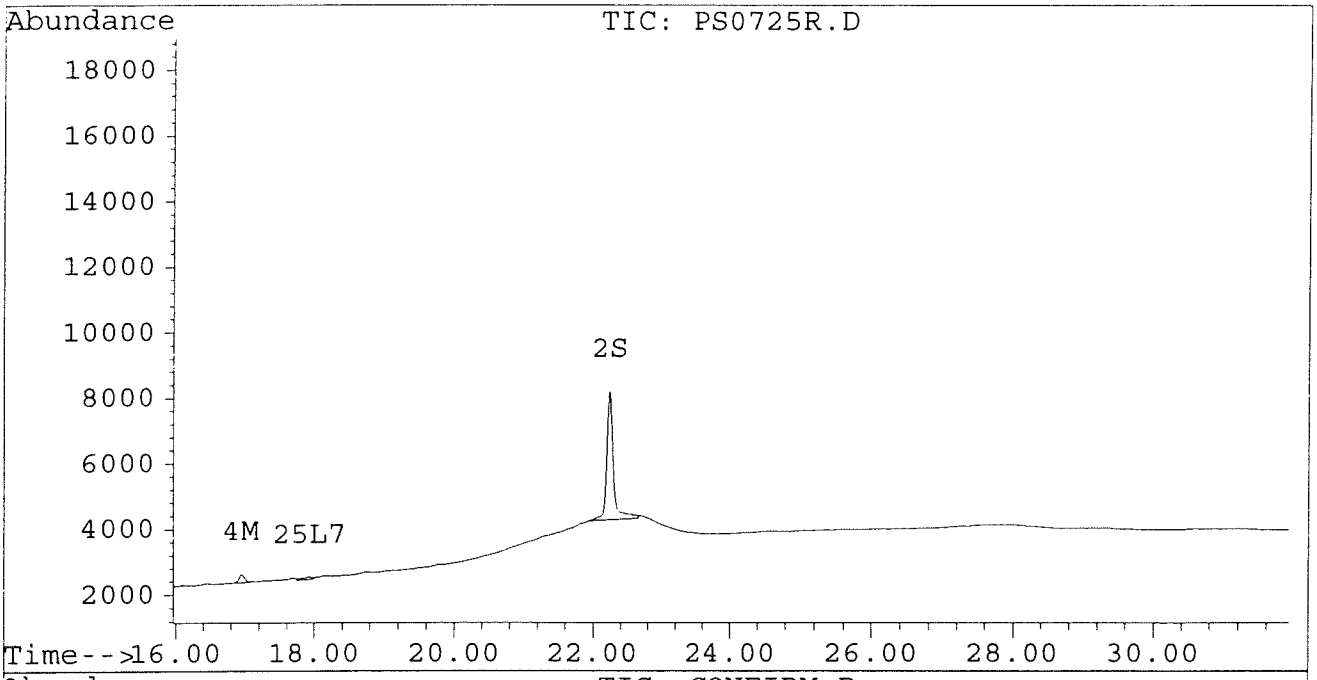


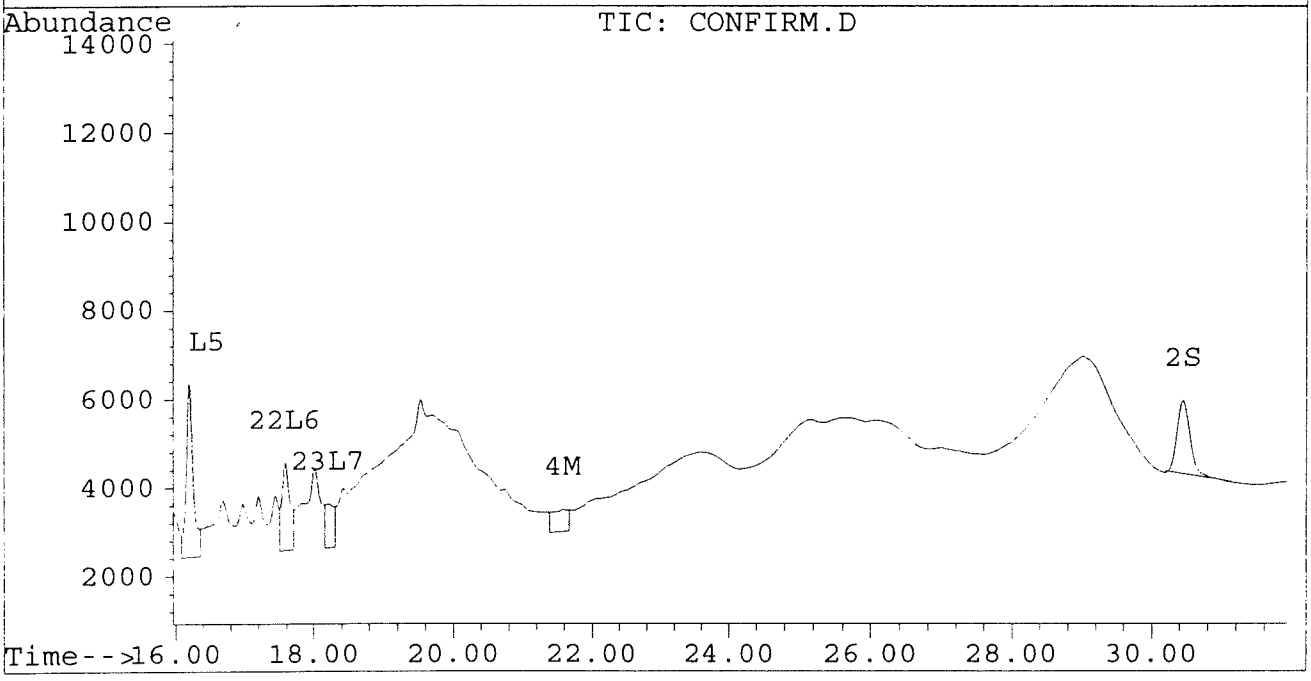
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0725R.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL25\PS0725R.D\CONFIRM.D
Acq On : 26 Jul 96 03:19 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL25\PS0726I.D Vial: 41
Signal #2 : D:\HPCHEM\5\JL25\PS0726I.D\CONFIRM.D
Acq On : 27 Jul 96 03:01 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	3871	3334	0.017	0.019
				Recovery	=	42.50%	47.50%
2) S	Decachlorobiphenyl	22.23	30.45	3852	1803	0.020m	0.021m
				Recovery	=	50.00%	52.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.66	311	237	0.003	0.003
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	3166	2339	0.018	0.017
5) L1	Aroclor-1016	6.81	8.81	165	59	0.005	0.005
6) L1	Aroclor-1016 (2)	8.94	10.34	91	147	0.006	0.006
7) L1	Aroclor-1016 (3)	9.30f	12.26	5639	76	0.234	0.005 #
Total	Aroclor-1016			5895	282	0.246	0.015
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)	5.68	8.81	69	59	0.003	0.004
Total	Aroclor-1221			69	59	0.003	0.004
Average	Aroclor-1221					0.003	0.004
11) L3	Aroclor-1232	5.68	8.81	69	59	0.004	0.004
12) L3	Aroclor-1232 (2)	6.81	10.34	165	147	0.012	0.012
13) L3	Aroclor-1232 (3)	8.61	12.26	116	76	0.014	0.011
Total	Aroclor-1232			349	282	0.030	0.027
Average	Aroclor-1232					0.010	0.009
14) L4	Aroclor-1242	8.22	11.66	311	237	0.008	0.008
15) L4	Aroclor-1242 (2)	8.94	12.26	91	76	0.007	0.006
16) L4	Aroclor-1242 (3)	10.07	14.02	2699	2330	0.167	0.191
Total	Aroclor-1242			3101	2643	0.182	0.205
Average	Aroclor-1242					0.061	0.068
17) L5	Aroclor-1248	9.30	14.97	5639	3587	0.183	0.164
18) L5	Aroclor-1248 (2)	10.07	15.19	2699	1129	0.104	0.050 #
19) L5	Aroclor-1248 (3)	11.36f	16.20	10628	746	0.313	0.042 #
Total	Aroclor-1248			18966	5462	0.599	0.256
Average	Aroclor-1248					0.200	0.085

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0726I.D Vial: 41
Signal #2 : D:\HPCHEM\5\JL25\PS0726I.D\CONFIRM.D
Acq On : 27 Jul 96 03:01 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	9963	8165	0.340	0.337
21) L6 Aroclor-1254 {2}	13.42	15.72	14086	8945	0.344	0.335
22) L6 Aroclor-1254 {3}	15.81	17.58	10383	12439	0.340	0.334
Total Aroclor-1254			34433	29550	1.024	1.006
Average Aroclor-1254					0.341	0.335
23) L7 Aroclor-1260	13.92	18.21	6332	4456	0.201	0.158
24) L7 Aroclor-1260 {2}	14.71	18.53	5755	5082	0.156	0.156
25) L7 Aroclor-1260 {3}	17.91	21.95	1421	1355	0.027	0.028
Total Aroclor-1260			13507	10893	0.384	0.342
Average Aroclor-1260					0.128	0.114
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	937	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.83	0.00	255	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

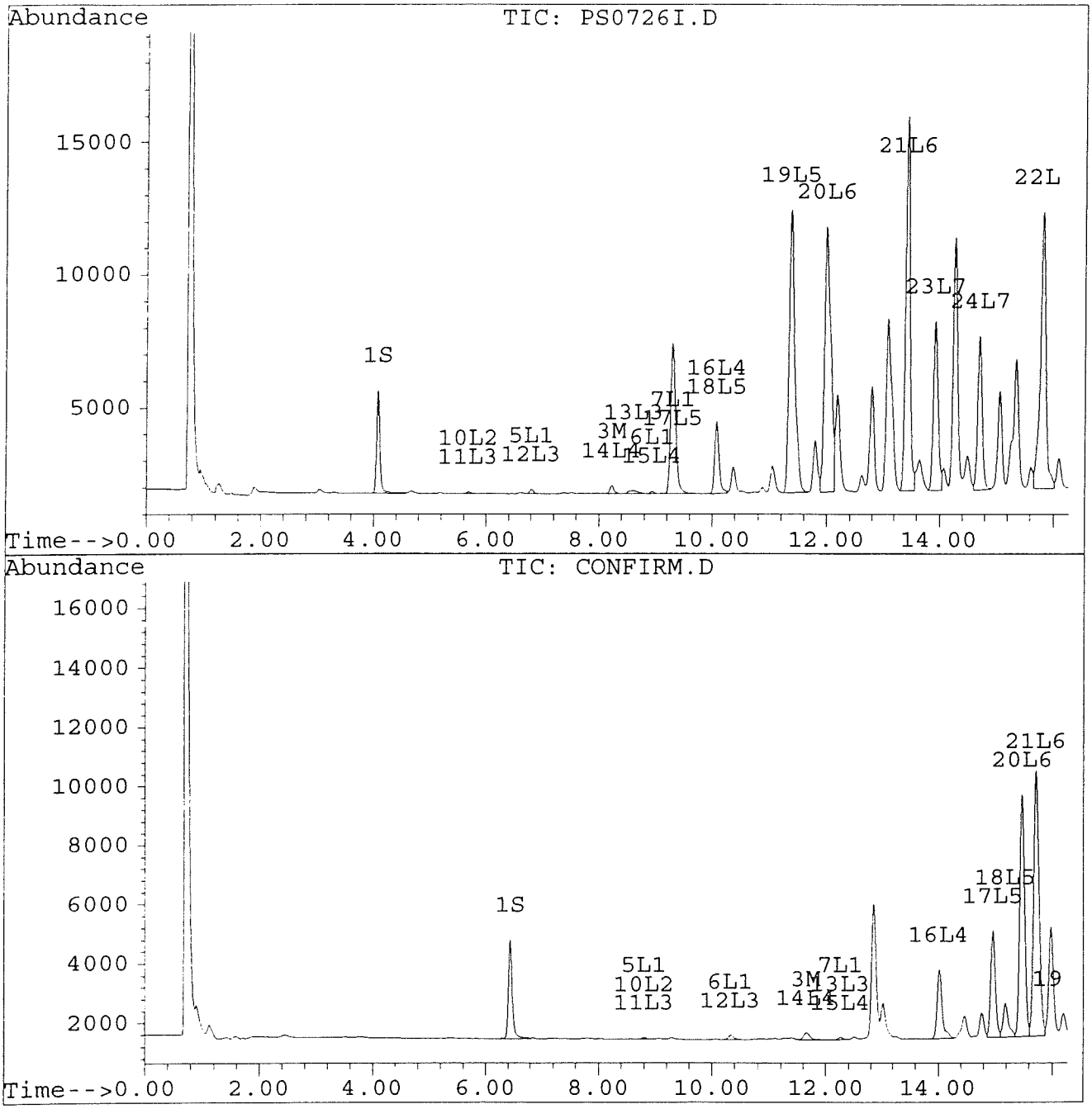
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0726I.D Vial: 41
Signal #2 : D:\HPCHEM\5\JL25\PS0726I.D\CONFIRM.D
Acq On : 27 Jul 96 03:01 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL25\PS0726I.D
Signal #2 : D:\HPCHEM\5\JL25\PS0726I.D\CONFIRM.D
Acq On : 27 Jul 96 03:01 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:54 1996

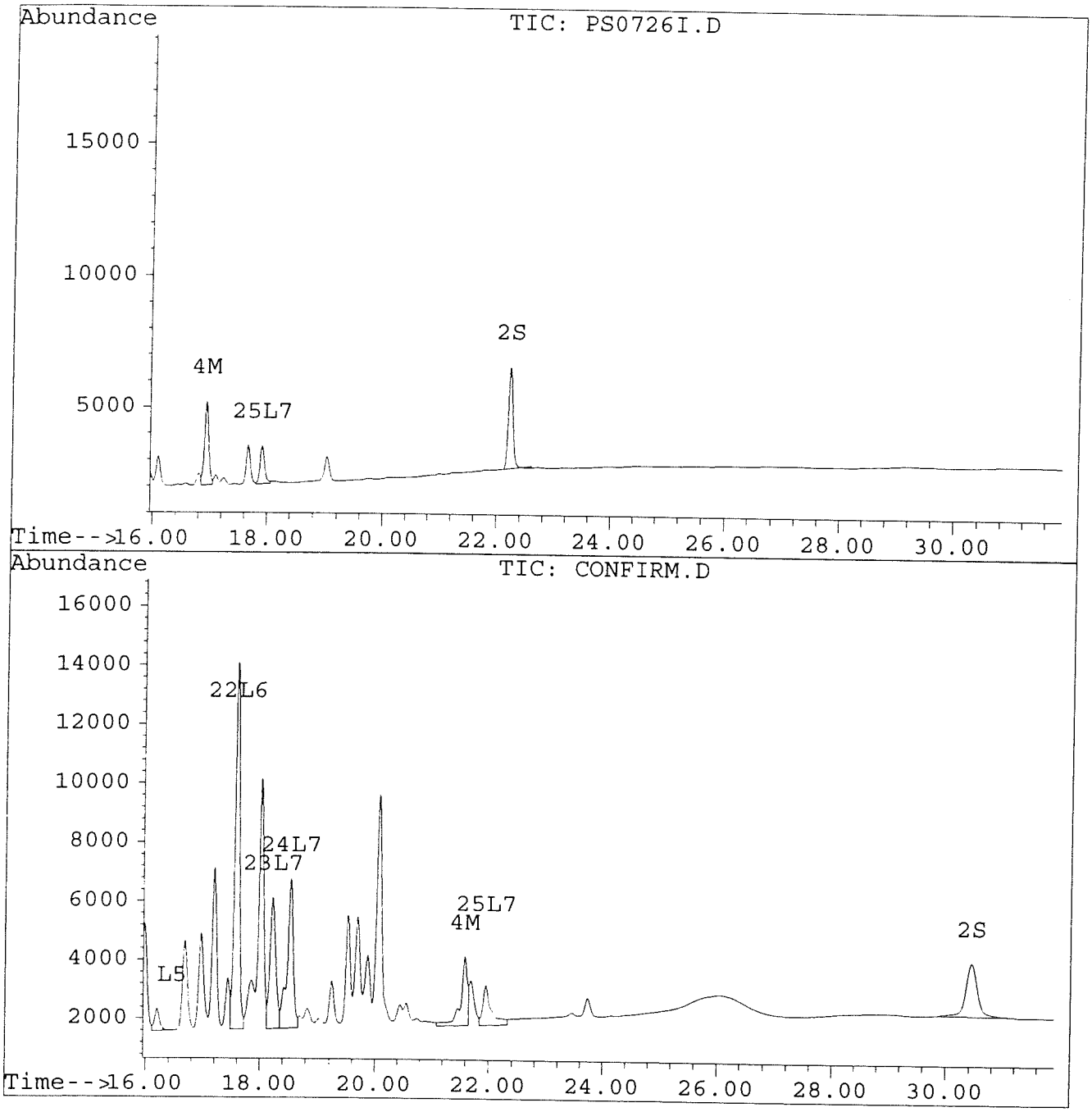
Vial: 41

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0726L.D Vial: 39
Signal #2 : D:\HPCHEM\5\JL25\PS0726L.D\CONFIRM.D
Acq On : 27 Jul 96 10:38 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.07	6.45	3701	3226	0.017	0.019	
				Recovery	=	42.50%	47.50%	
2) S	Decachlorobiphenyl	22.23	30.45	3740	1642	0.019m	0.019	
				Recovery	=	47.50%	47.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.66	13141	9494	0.118	0.100	
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	153	71	0.001	0.001	#
5) L1	Aroclor-1016	6.80	8.80	7437	3584	0.247	0.290	
6) L1	Aroclor-1016 (2)	8.93	10.33	3804	6423	0.243	0.255	
7) L1	Aroclor-1016 (3)	9.33	12.26	6078	4063	0.253	0.257	
Total	Aroclor-1016			17318	14070	0.743	0.802	
Average	Aroclor-1016					0.248	0.267	
8) L2	Aroclor-1221	5.09	8.03	619	576	0.088	0.094	
9) L2	Aroclor-1221 (2)	5.51	8.58	881	780	0.151	0.160	
10) L2	Aroclor-1221 (3)	5.68	8.80	4241	3584	0.210	0.233	
Total	Aroclor-1221			5741	4940	0.449	0.488	
Average	Aroclor-1221					0.150	0.163	
11) L3	Aroclor-1232	5.68	8.80	4241	3584	0.232	0.250	
12) L3	Aroclor-1232 (2)	6.80	10.33	7437	6423	0.545	0.535	
13) L3	Aroclor-1232 (3)	8.61	12.26	4797	4063	0.580	0.586	
Total	Aroclor-1232			16474	14070	1.357	1.371	
Average	Aroclor-1232					0.452	0.457	
14) L4	Aroclor-1242	8.22	11.66	13141	9494	0.323	0.329	
15) L4	Aroclor-1242 (2)	8.93	12.26	3804	4063	0.312	0.324	
16) L4	Aroclor-1242 (3)	10.08	14.02	5133	3911	0.317	0.320	
Total	Aroclor-1242			22078	17468	0.952	0.973	
Average	Aroclor-1242					0.317	0.324	
17) L5	Aroclor-1248	9.33	14.97	6078	3924	0.197	0.179	
18) L5	Aroclor-1248 (2)	10.08	15.19	5133	4484	0.197	0.197	
19) L5	Aroclor-1248 (3)	11.40	16.19	5999	3380	0.176	0.192	
Total	Aroclor-1248			17211	11787	0.571	0.569	
Average	Aroclor-1248					0.190	0.190	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0726L.D Vial: 39
Signal #2 : D:\HPCHEM\5\JL25\PS0726L.D\CONFIRM.D
Acq On : 27 Jul 96 10:38 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	0	993	N.D.	0.041 #
21) L6	Aroclor-1254 {2}	13.43	15.73	1304	1086	0.032	0.041 #
22) L6	Aroclor-1254 {3}	15.82	17.58	177	1265	0.006	0.034 #
Total	Aroclor-1254			1481	3344	0.038	0.116
Average	Aroclor-1254					0.019	0.039
23) L7	Aroclor-1260	13.91	18.21	752	100	0.024	0.004 #
24) L7	Aroclor-1260 {2}	14.70	0.00	127	0	0.003	N.D. #
25) L7	Aroclor-1260 {3}	17.92	21.96	27	73	0.001	0.002 #
Total	Aroclor-1260			906	173	0.028	0.005
Average	Aroclor-1260					0.009	0.003
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	21.83	0.00	159	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

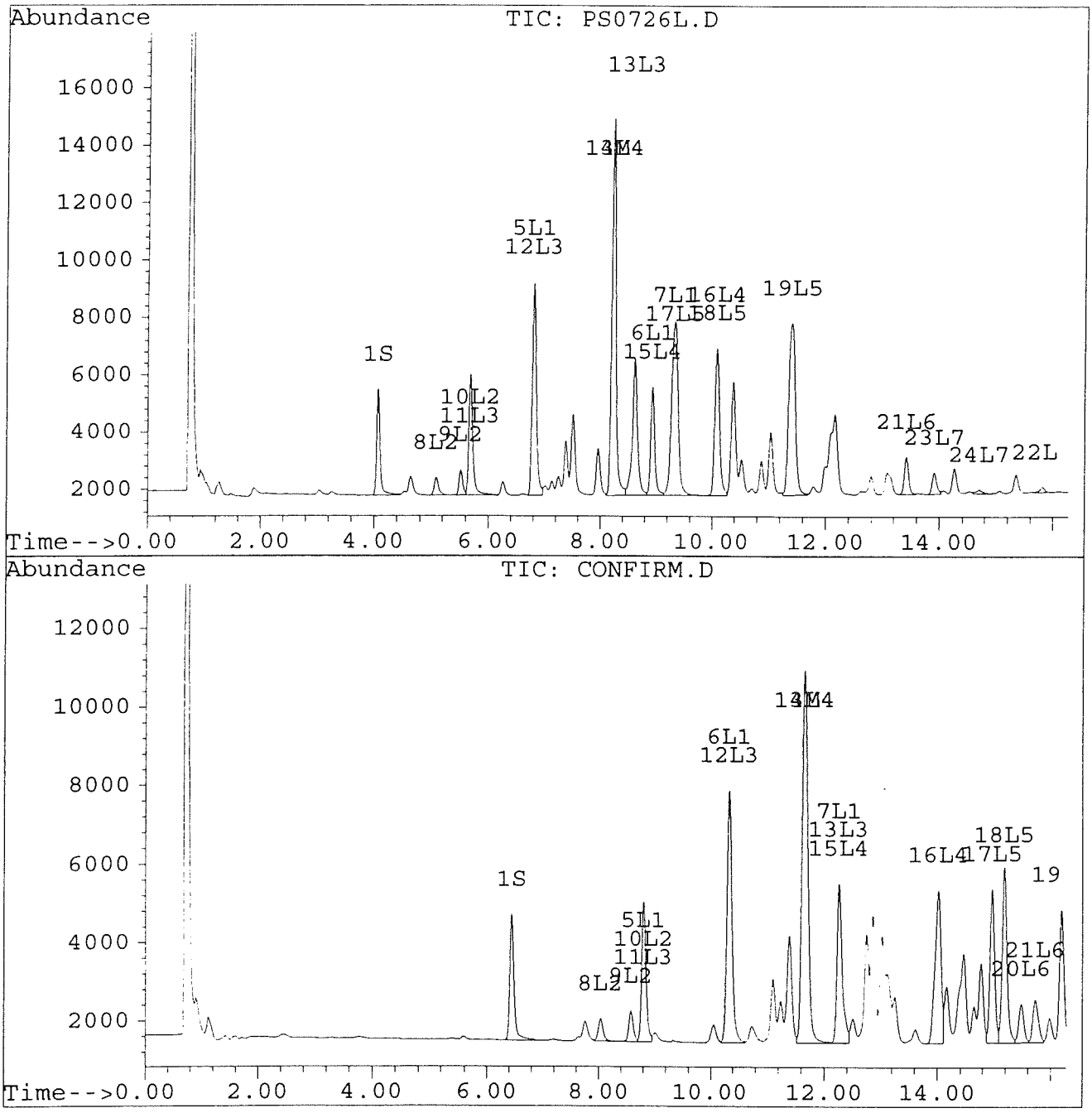
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0726L.D Vial: 39
Signal #2 : D:\HPCHEM\5\JL25\PS0726L.D\CONFIRM.D
Acq On : 27 Jul 96 10:38 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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



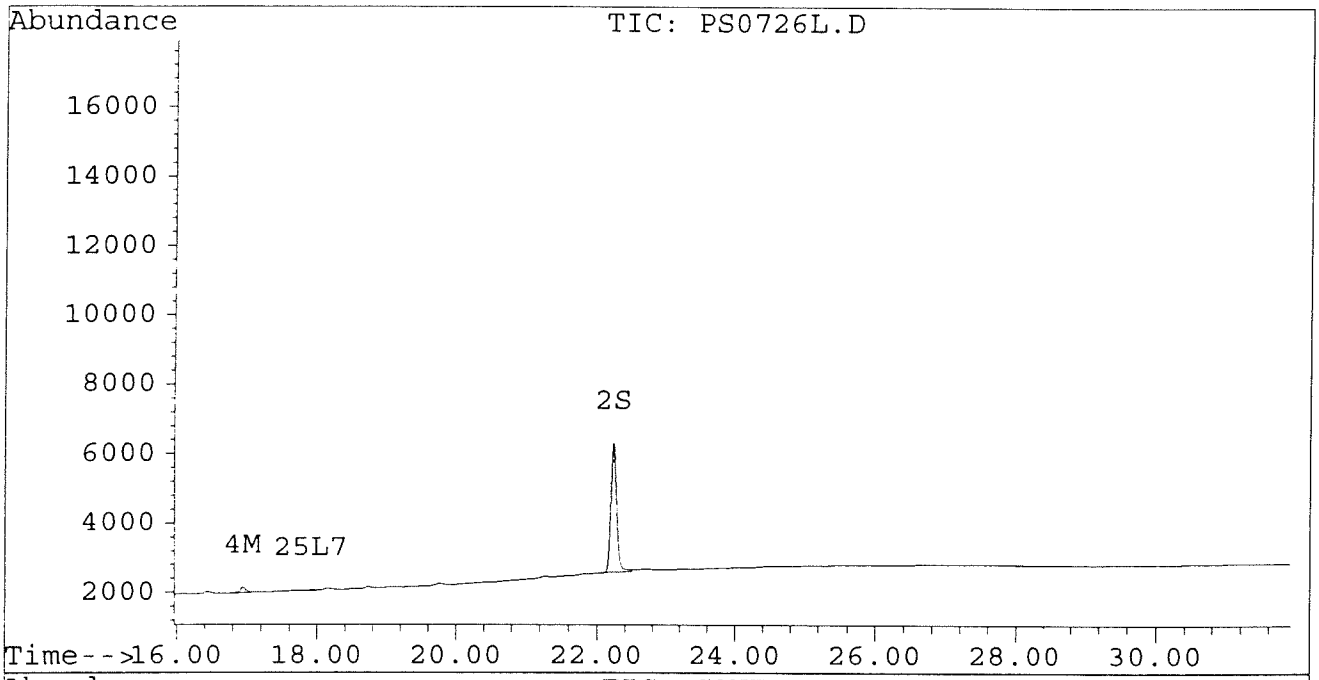
Quantitation Report

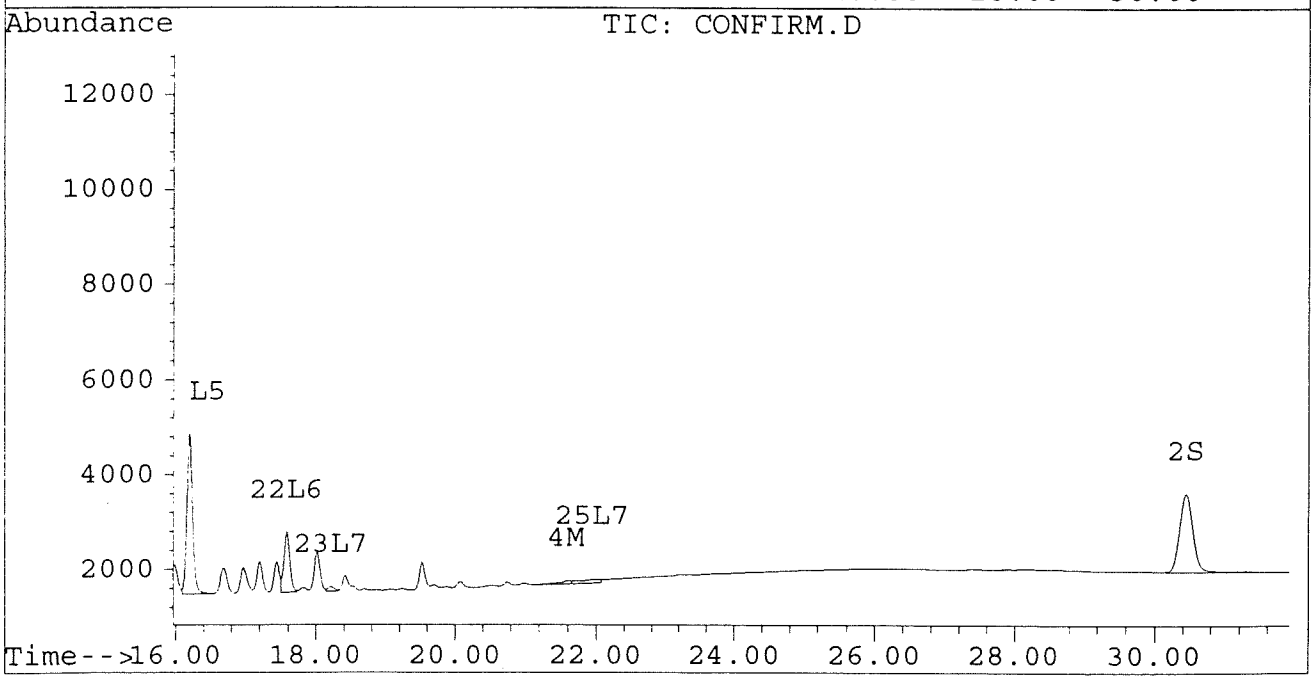
Signal #1 : D:\HPCHEM\5\JL25\PS0726L.D
Signal #2 : D:\HPCHEM\5\JL25\PS0726L.D\CONFIRM.D
Acq On : 27 Jul 96 10:38 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:55 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0726M.D Vial: 41
Signal #2 : D:\HPCHEM\5\JL25\PS0726M.D\CONFIRM.D
Acq On : 27 Jul 96 11:13 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	4604	3614	0.021	0.021
				Recovery	=	52.50%	52.50%
2) S	Decachlorobiphenyl	22.23	30.45	4107	1850	0.021m	0.022
				Recovery	=	52.50%	55.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.66	324	250	0.003	0.003
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	3330	2379	0.019	0.017
5) L1	Aroclor-1016	6.80	8.81	178	63	0.006	0.005
6) L1	Aroclor-1016 (2)	8.94	10.33	95	156	0.006	0.006
7) L1	Aroclor-1016 (3)	9.29f	12.26	5913	76	0.246	0.005 #
Total	Aroclor-1016			6186	295	0.258	0.016
Average	Aroclor-1016					0.086	0.005
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 (3)	5.68	8.81	74	63	0.004	0.004
Total	Aroclor-1221			74	63	0.004	0.004
Average	Aroclor-1221					0.004	0.004
11) L3	Aroclor-1232	5.68	8.81	74	63	0.004	0.004
12) L3	Aroclor-1232 (2)	6.80	10.33	178	156	0.013	0.013
13) L3	Aroclor-1232 (3)	0.00	12.26	0	76	N.D.	0.011 #
Total	Aroclor-1232			252	295	0.017	0.028
Average	Aroclor-1232					0.009	0.009
14) L4	Aroclor-1242	8.22	11.66	324	250	0.008	0.009
15) L4	Aroclor-1242 (2)	8.94	12.26	95	76	0.008	0.006
16) L4	Aroclor-1242 (3)	10.07	14.02	2828	2482	0.175	0.203
Total	Aroclor-1242			3246	2808	0.190	0.218
Average	Aroclor-1242					0.063	0.073
17) L5	Aroclor-1248	9.29	14.97	5913	3745	0.192	0.171
18) L5	Aroclor-1248 (2)	10.07	15.19	2828	1196	0.109	0.053 #
19) L5	Aroclor-1248 (3)	11.36f	16.19	11124	787	0.327	0.045 #
Total	Aroclor-1248			19865	5728	0.628	0.268
Average	Aroclor-1248					0.209	0.089

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0726M.D Vial: 41
Signal #2 : D:\HPCHEM\5\JL25\PS0726M.D\CONFIRM.D
Acq On : 27 Jul 96 11:13 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 14:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	10362	8544	0.353	0.352
21) L6	Aroclor-1254 {2}	13.43	15.72	14813	9473	0.362	0.355
22) L6	Aroclor-1254 {3}	15.81	17.58	11018	12904	0.361	0.347
Total	Aroclor-1254			36193	30921	1.076	1.054
Average	Aroclor-1254					0.359	0.351
23) L7	Aroclor-1260	13.92	18.21	6573	4714	0.208	0.167
24) L7	Aroclor-1260 {2}	14.70	18.53	6071	5295	0.164	0.163
25) L7	Aroclor-1260 {3}	17.91	21.95	1494	1333	0.029	0.027
Total	Aroclor-1260			14138	11342	0.401	0.357
Average	Aroclor-1260					0.134	0.119
26) L8	Aroclor-1268	0.00	23.26f	0	151	N.D.	0.035 #
27) L8	Aroclor-1268 {2}	19.03	0.00	982	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.82	0.00	172	0	NoCal	N.D.
Total	Aroclor-1268			0	151	N.D.	0.035
Average	Aroclor-1268					0.000	0.035

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

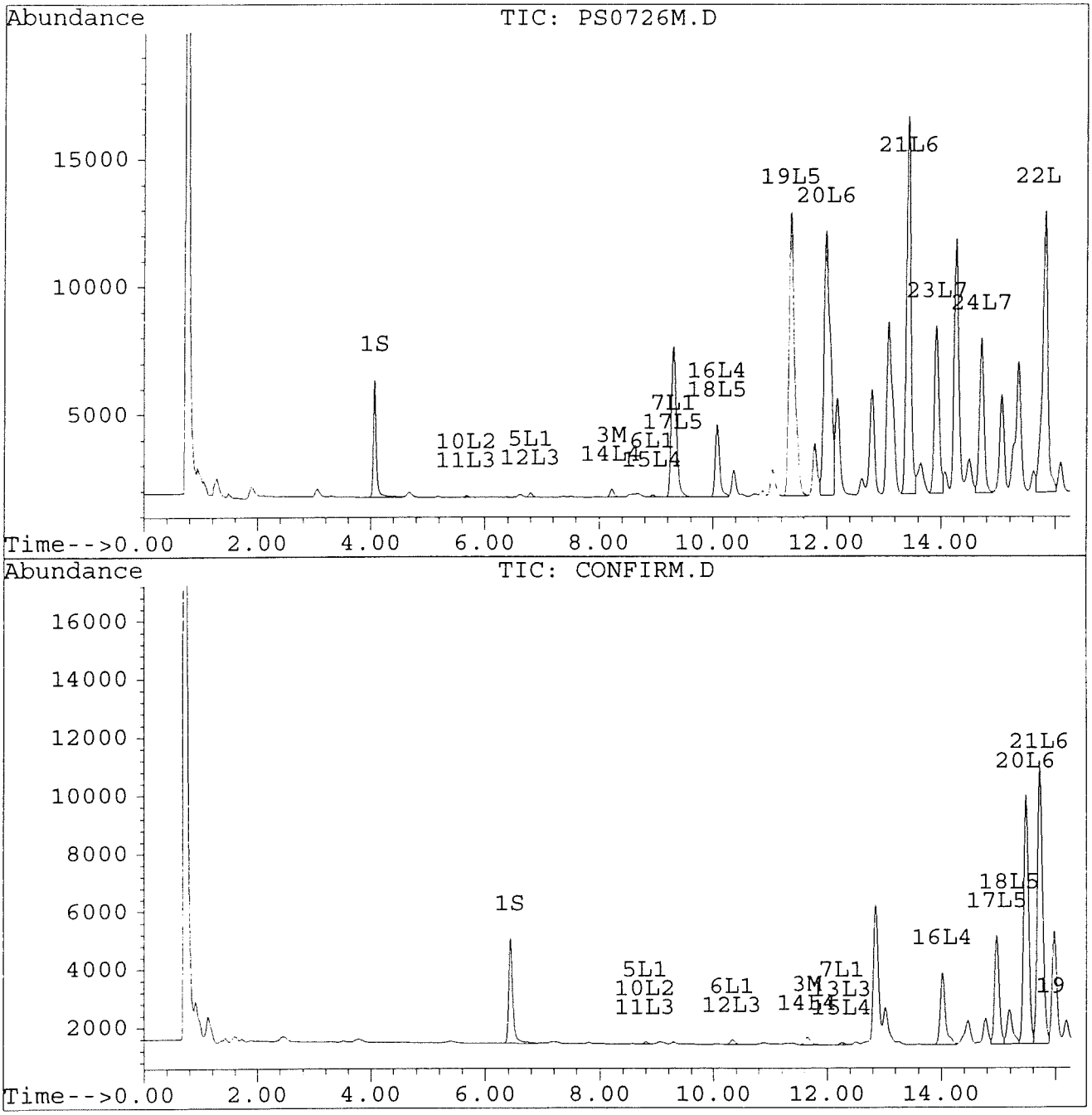
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL25\PS0726M.D
Signal #2 : D:\HPCHEM\5\JL25\PS0726M.D\CONFIRM.D
Acq On : 27 Jul 96 11:13 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:55 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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



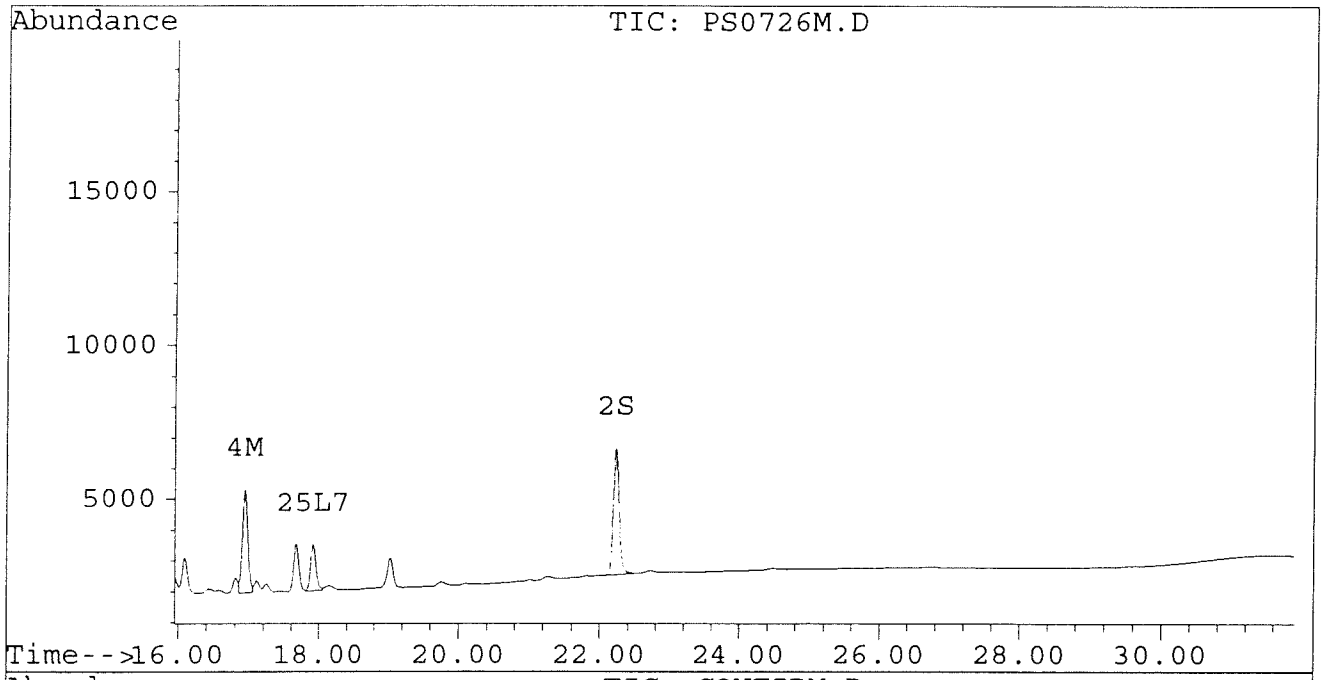
Quantitation Report

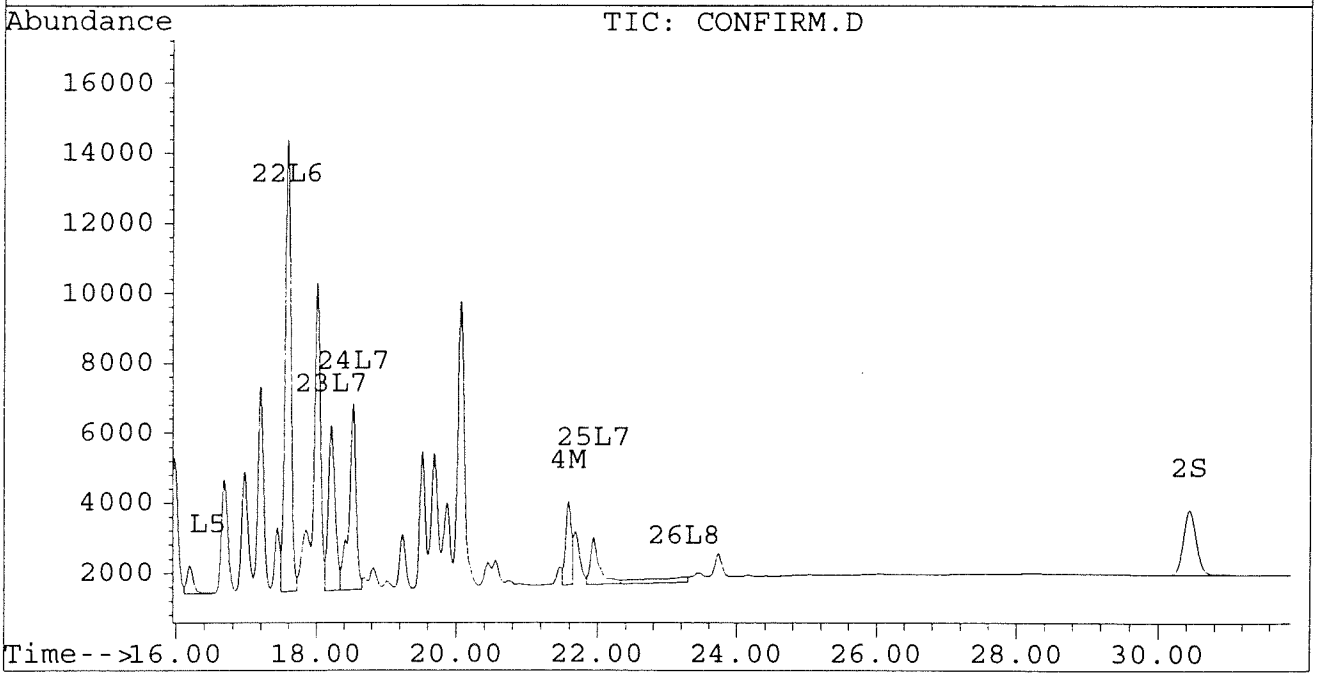
Signal #1 : D:\HPCHEM\5\JL25\PS0726M.D
Signal #2 : D:\HPCHEM\5\JL25\PS0726M.D\CONFIRM.D
Acq On : 27 Jul 96 11:13 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 14:55 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729F.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL29A\PS0729F.D\CONFIRM.D
Acq On : 29 Jul 96 07:27 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.43	3890	3176	0.017	0.018	
				Recovery	=	42.50%	45.00%	
2) S	Decachlorobiphenyl	22.23	30.44	3504	1374	0.018m	0.016	
				Recovery	=	45.00%	40.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.65	272	204	0.002	0.002	
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	2809	2110	0.016	0.015	
5) L1	Aroclor-1016	6.80	8.80	156	53	0.005	0.004	
6) L1	Aroclor-1016 {2}	8.94	10.33	81	134	0.005	0.005	
7) L1	Aroclor-1016 {3}	9.29f	12.26	5221	63	0.217	0.004	#
Total	Aroclor-1016			5458	250	0.227	0.014	
Average	Aroclor-1016					0.076	0.005	
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10) L2	Aroclor-1221 {3}	5.68	8.80	65	53	0.003	0.003	
Total	Aroclor-1221			65	53	0.003	0.003	
Average	Aroclor-1221					0.003	0.003	
11) L3	Aroclor-1232	5.68	8.80	65	53	0.004	0.004	
12) L3	Aroclor-1232 {2}	6.80	10.33	156	134	0.011	0.011	
13) L3	Aroclor-1232 {3}	8.60	12.26	100	63	0.012	0.009	#
Total	Aroclor-1232			322	250	0.027	0.024	
Average	Aroclor-1232					0.009	0.008	
14) L4	Aroclor-1242	8.22	11.65	272	204	0.007	0.007	
15) L4	Aroclor-1242 {2}	8.94	12.26	81	63	0.007	0.005	
16) L4	Aroclor-1242 {3}	10.07	14.02	2461	2136	0.152	0.175	
Total	Aroclor-1242			2815	2403	0.165	0.187	
Average	Aroclor-1242					0.055	0.062	
17) L5	Aroclor-1248	9.29f	14.97	5221	3085	0.169	0.141	
18) L5	Aroclor-1248 {2}	10.07	15.19	2461	957	0.095	0.042	#
19) L5	Aroclor-1248 {3}	11.36f	16.19	9692	624	0.285	0.036	#
Total	Aroclor-1248			17374	4665	0.549	0.218	
Average	Aroclor-1248					0.183	0.073	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729F.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL29A\PS0729F.D\CONFIRM.D
Acq On : 29 Jul 96 07:27 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	9099	7577	0.310	0.312
21) L6 Aroclor-1254 {2}	13.42	15.72	12741	8151	0.311	0.306
22) L6 Aroclor-1254 {3}	15.81	17.58	9326	11400	0.306	0.306
Total Aroclor-1254			31166	27128	0.927	0.924
Average Aroclor-1254					0.309	0.308
23) L7 Aroclor-1260	13.92	18.21	5731	4088	0.182	0.145
24) L7 Aroclor-1260 {2}	14.70	18.53	5217	4428	0.141	0.136
25) L7 Aroclor-1260 {3}	17.91	21.95	1291	1234	0.025	0.025
Total Aroclor-1260			12239	9750	0.348	0.306
Average Aroclor-1260					0.116	0.102
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	935	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

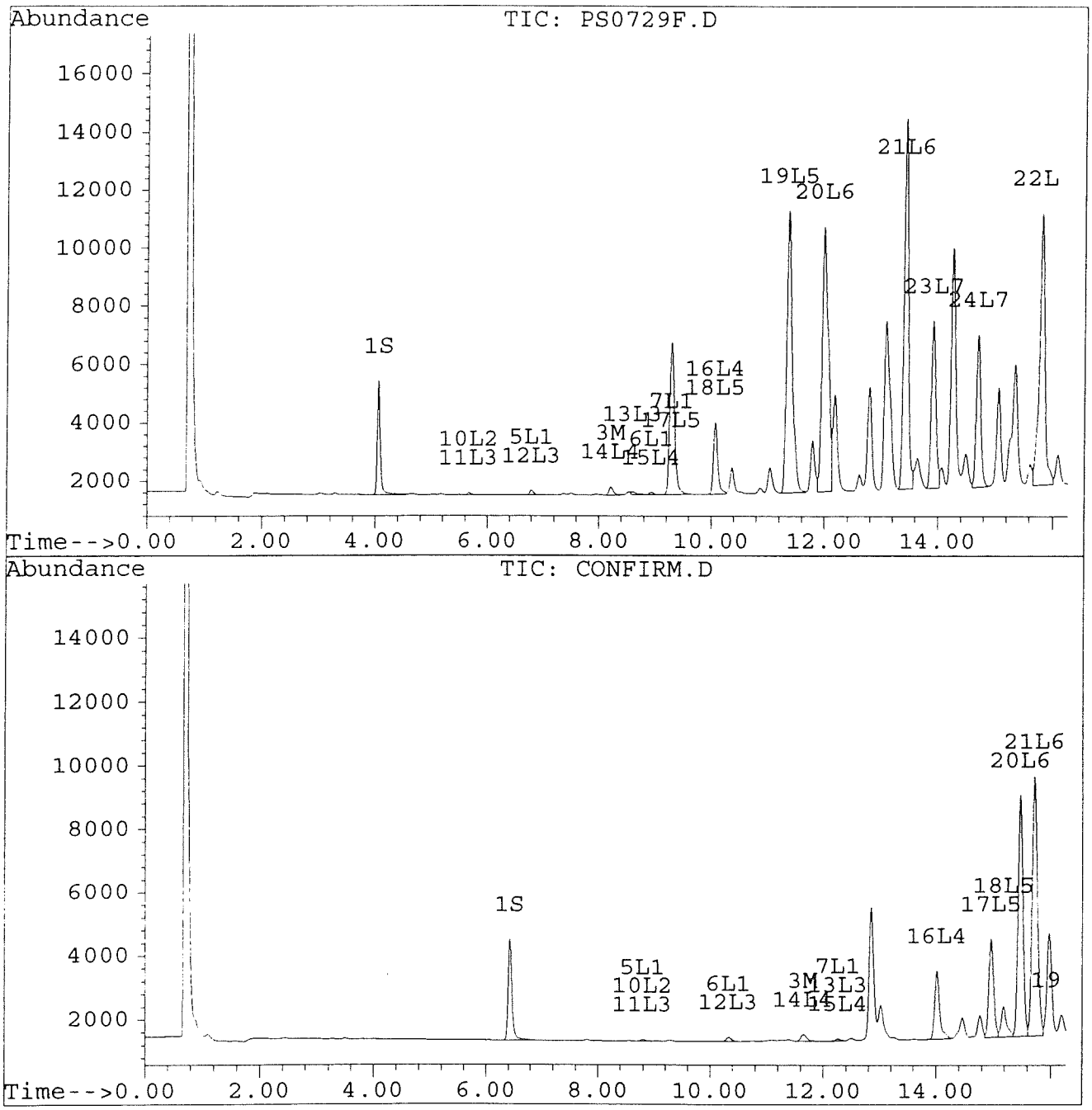
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729F.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL29A\PS0729F.D\CONFIRM.D
Acq On : 29 Jul 96 07:27 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

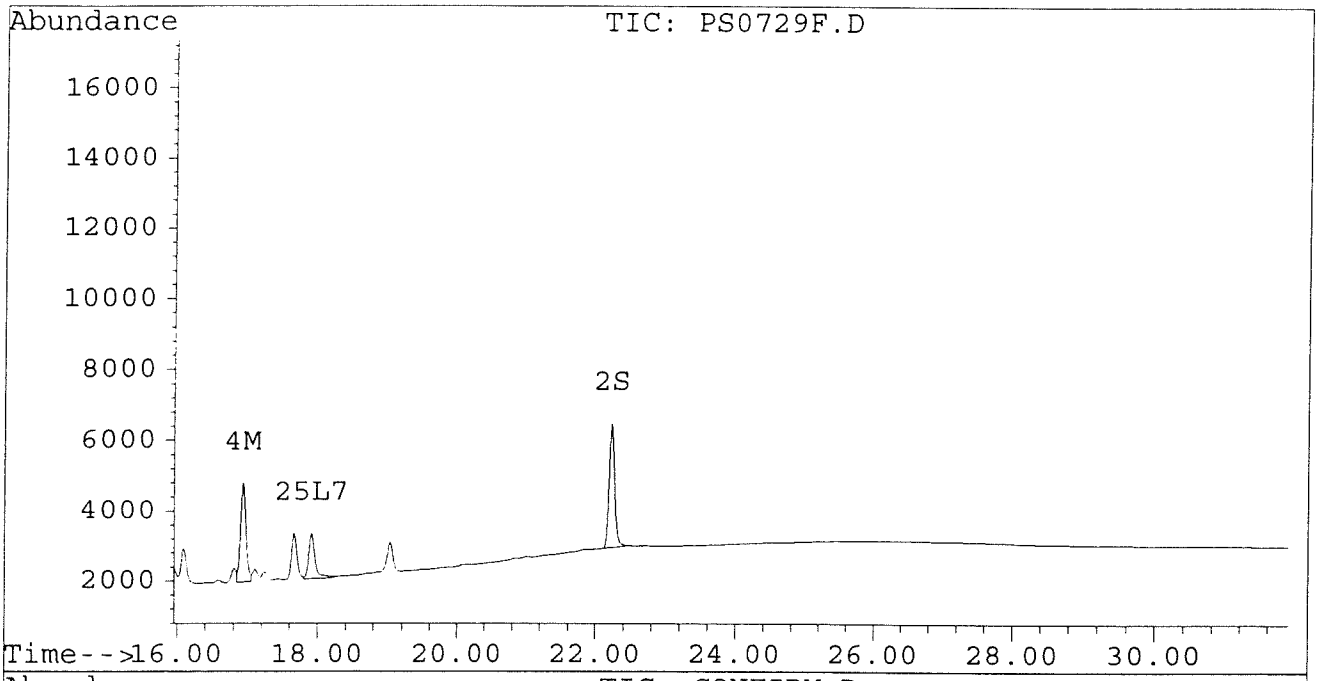


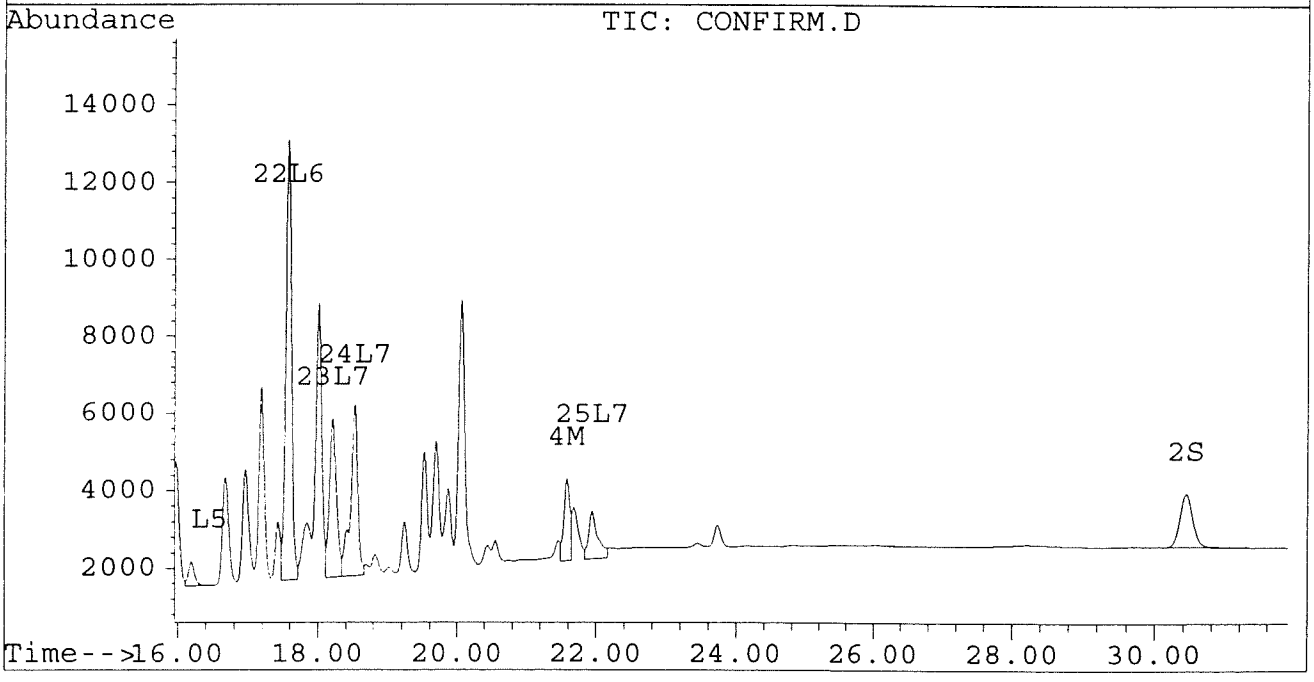
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729F.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL29A\PS0729F.D\CONFIRM.D
Acq On : 29 Jul 96 07:27 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL29A\PS0729G.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL29A\PS0729G.D\CONFIRM.D
Acq On : 29 Jul 96 08:03 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.07	6.44	3515	2940	0.016	0.017	
					Recovery	=	40.00%	42.50%	
2)	S	Decachlorobiphenyl	22.23	30.44	3246	1297	0.017m	0.015m	
					Recovery	=	42.50%	37.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.22	11.66	11399	8047	0.103	0.085	
4)	M	2,2',3,3',4,4'-Hexa	16.94	21.60	106	235	0.001	0.002	#
5)	L1	Aroclor-1016	6.80	8.80	6785	3204	0.226	0.260	
6)	L1	Aroclor-1016 (2)	8.93	10.33	3303	5817	0.211	0.231	
7)	L1	Aroclor-1016 (3)	9.33	12.26	5351	3506	0.222	0.221	
		Total Aroclor-1016			15438	12527	0.659	0.712	
		Average Aroclor-1016					0.220	0.237	
8)	L2	Aroclor-1221	5.09	8.03	559	517	0.080	0.085	
9)	L2	Aroclor-1221 (2)	5.51	8.57	803	706	0.138	0.145	
10)	L2	Aroclor-1221 (3)	5.68	8.80	3844	3204	0.190	0.209	
		Total Aroclor-1221			5207	4428	0.408	0.438	
		Average Aroclor-1221					0.136	0.146	
11)	L3	Aroclor-1232	5.68	8.80	3844	3204	0.211	0.224	
12)	L3	Aroclor-1232 (2)	6.80	10.33	6785	5817	0.497	0.484	
13)	L3	Aroclor-1232 (3)	8.61	12.26	4193	3506	0.506	0.506	
		Total Aroclor-1232			14821	12527	1.214	1.213	
		Average Aroclor-1232					0.405	0.404	
14)	L4	Aroclor-1242	8.22	11.66	11399	8047	0.280	0.279	
15)	L4	Aroclor-1242 (2)	8.93	12.26	3303	3506	0.271	0.280	
16)	L4	Aroclor-1242 (3)	10.08	14.02	4549	3421	0.281	0.280	
		Total Aroclor-1242			19251	14975	0.832	0.838	
		Average Aroclor-1242					0.277	0.279	
17)	L5	Aroclor-1248	9.33	14.97	5351	3280	0.173	0.150	
18)	L5	Aroclor-1248 (2)	10.08	15.19	4549	3738	0.175	0.165	
19)	L5	Aroclor-1248 (3)	11.40	16.19	5100	2785	0.150	0.159	
		Total Aroclor-1248			14999	9803	0.498	0.473	
		Average Aroclor-1248					0.166	0.158	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729G.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL29A\PS0729G.D\CONFIRM.D
Acq On : 29 Jul 96 08:03 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	0	850	N.D.	0.035 #
21) L6	Aroclor-1254 {2}	13.42	15.73	1127	918	0.028	0.034
22) L6	Aroclor-1254 {3}	15.82	17.58	152	1065	0.005	0.029 #
Total	Aroclor-1254			1279	2834	0.033	0.098
Average	Aroclor-1254					0.016	0.033
23) L7	Aroclor-1260	13.91	18.21	635	84	0.020	0.003 #
24) L7	Aroclor-1260 {2}	14.71	0.00	101	0	0.003	N.D. #
25) L7	Aroclor-1260 {3}	17.92	0.00	22	0	0.000	N.D. #
Total	Aroclor-1260			758	84	0.023	0.003
Average	Aroclor-1260					0.008	0.003
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

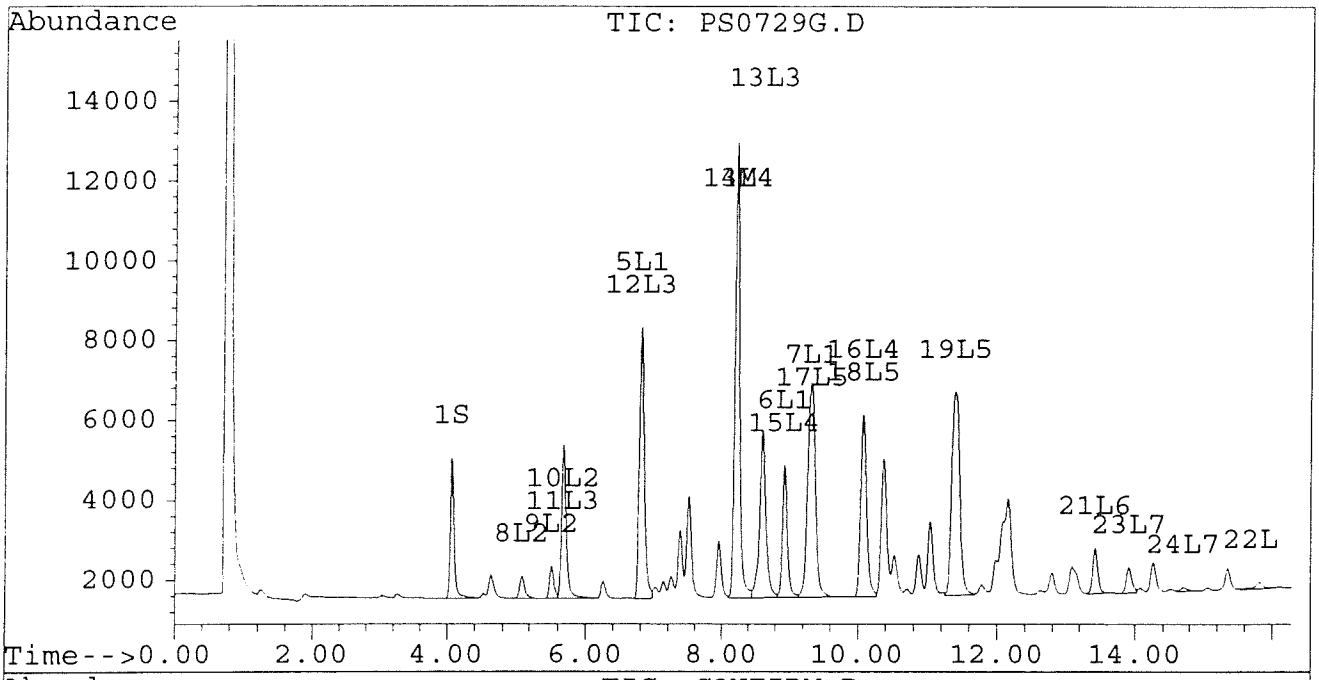
Quantitation Report

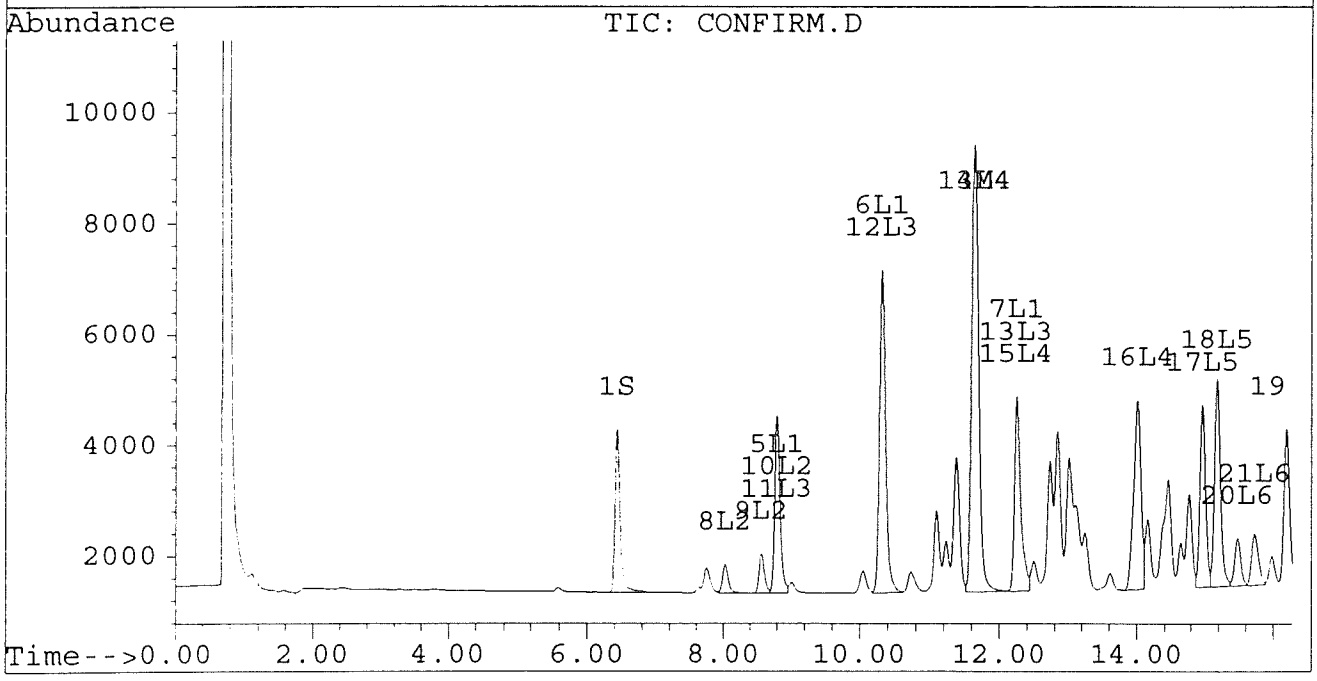
Signal #1 : D:\HPCHEM\5\JL29A\PS0729G.D
Signal #2 : D:\HPCHEM\5\JL29A\PS0729G.D\CONFIRM.D
Acq On : 29 Jul 96 08:03 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:19 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729G.D
Signal #2 : D:\HPCHEM\5\JL29A\PS0729G.D\CONFIRM.D
Acq On : 29 Jul 96 08:03 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:19 1996

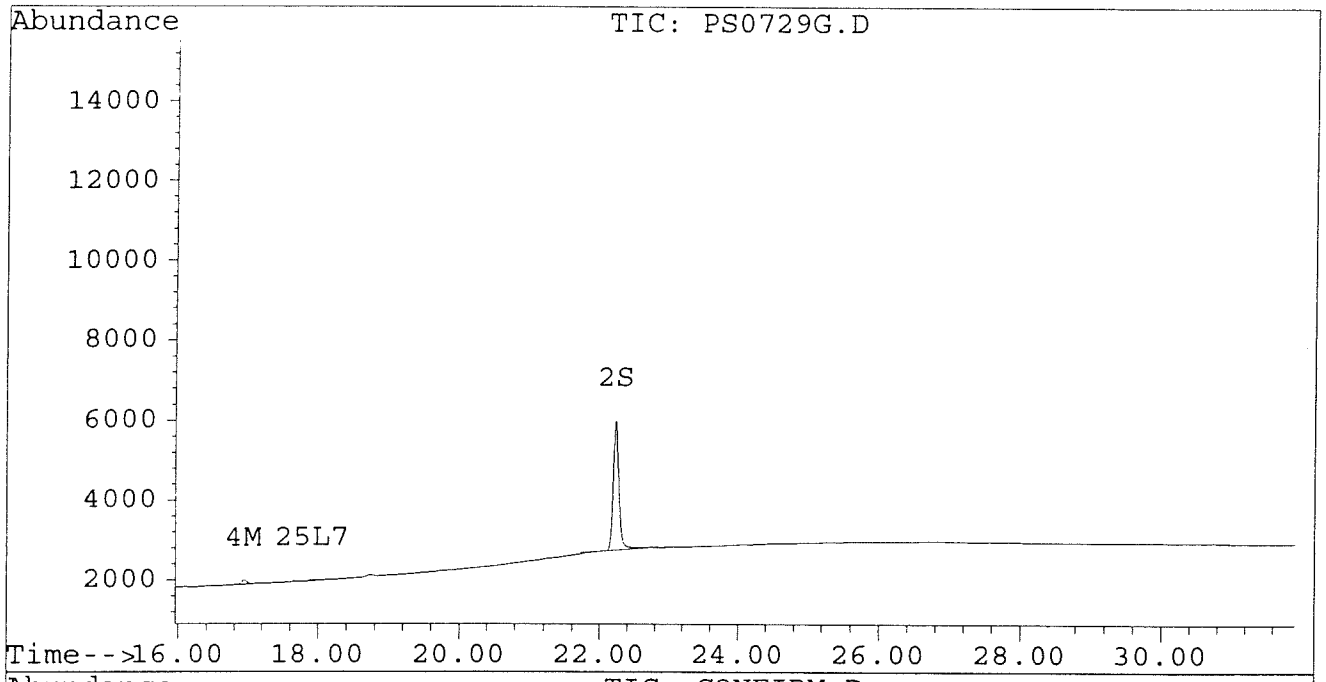
Vial: 3

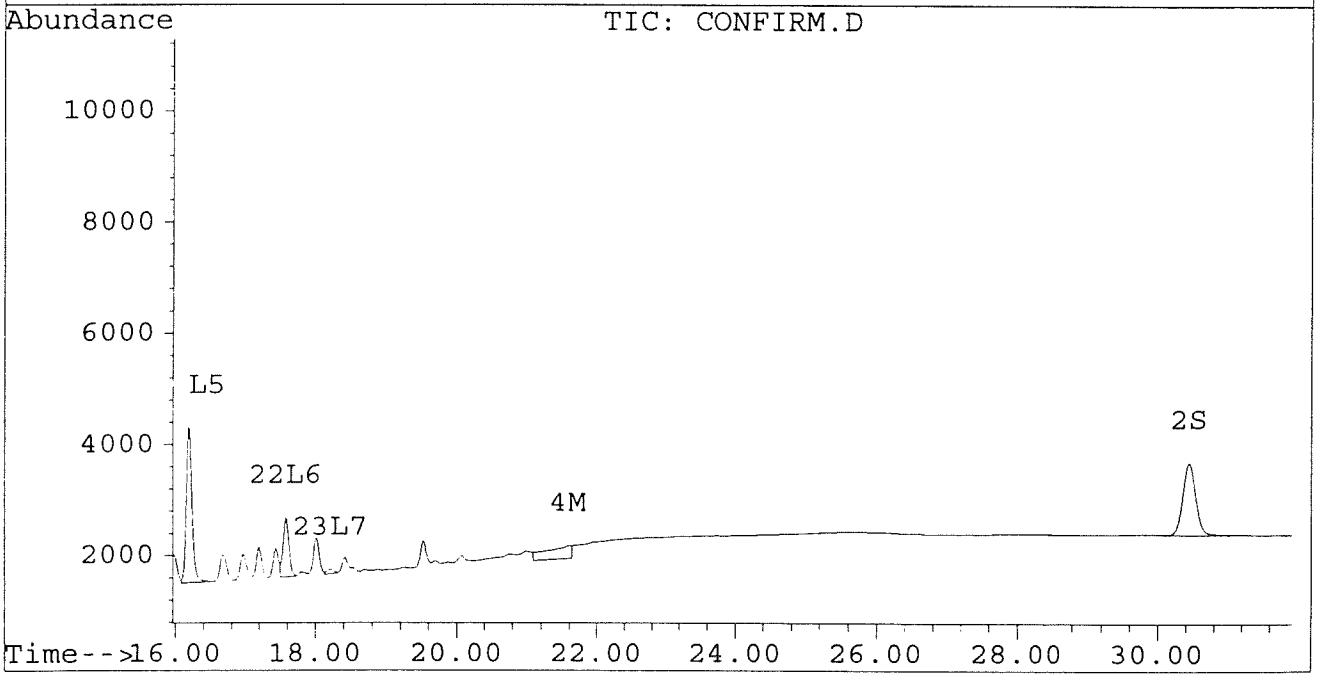
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL29A\PS0729H.D
Signal #2 : D:\HPCHEM\5\JL29A\PS0729H.D\CONFIRM.D
Acq On : 29 Jul 96 08:38 PM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 15:20 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	4.07	6.44	9026	7242	0.040	0.042
					Recovery	=	100.00%	105.00%
2)	S	Decachlorobiphenyl	22.23	30.45	7315	2933	0.037m	0.034
					Recovery	=	92.50%	85.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.68	10298	9792	0.093m	0.104m
4)	M	2,2',3,3',4,4'-Hexa	16.93	21.58	18836	15391	0.105	0.111m
5)	L1	Aroclor-1016	6.83	0.00	123	0	0.004	N.D. #
6)	L1	Aroclor-1016 {2}	8.89f	0.00	269	0	0.017	N.D. #
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1016			392	0	0.021	N.D.
		Average Aroclor-1016					0.011	0.000
8)	L2	Aroclor-1221	5.06	0.00	81	0	0.012	N.D. #
9)	L2	Aroclor-1221 {2}	5.51	0.00	116	0	0.020	N.D. #
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1221			197	0	0.031	N.D.
		Average Aroclor-1221					0.016	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 {2}	6.83	0.00	123	0	0.009	N.D. #
13)	L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1232			123	0	0.009	N.D.
		Average Aroclor-1232					0.009	0.000
14)	L4	Aroclor-1242	8.23	11.68	10494	9966	0.258	0.345 #
15)	L4	Aroclor-1242 {2}	8.89f	0.00	269	0	0.022	N.D. #
16)	L4	Aroclor-1242 {3}	0.00	14.02	0	88	N.D.	0.007 #
		Total Aroclor-1242			10764	10053	0.280	0.352
		Average Aroclor-1242					0.140	0.176
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	11.40	0.00	173	0	0.005	N.D. #
		Total Aroclor-1248			173	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\JL29A\PS0729H.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL29A\PS0729H.D\CONFIRM.D
Acq On : 29 Jul 96 08:38 PM Operator: JS
Sample : PCB COGENERS 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	17.61f	0	28	N.D.	0.001 #
Total Aroclor-1254			0	28	N.D.	0.001
Average Aroclor-1254					0.000	0.001
23) L7 Aroclor-1260	13.93	0.00	104	0	0.003	N.D. #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			104	0	0.003	N.D.
Average Aroclor-1260					0.003	0.000
26) L8 Aroclor-1268	0.00	23.33	0	282	N.D.	0.066 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	295	0	NoCal	N.D.
Total Aroclor-1268			0	282	N.D.	0.066
Average Aroclor-1268					0.000	0.066

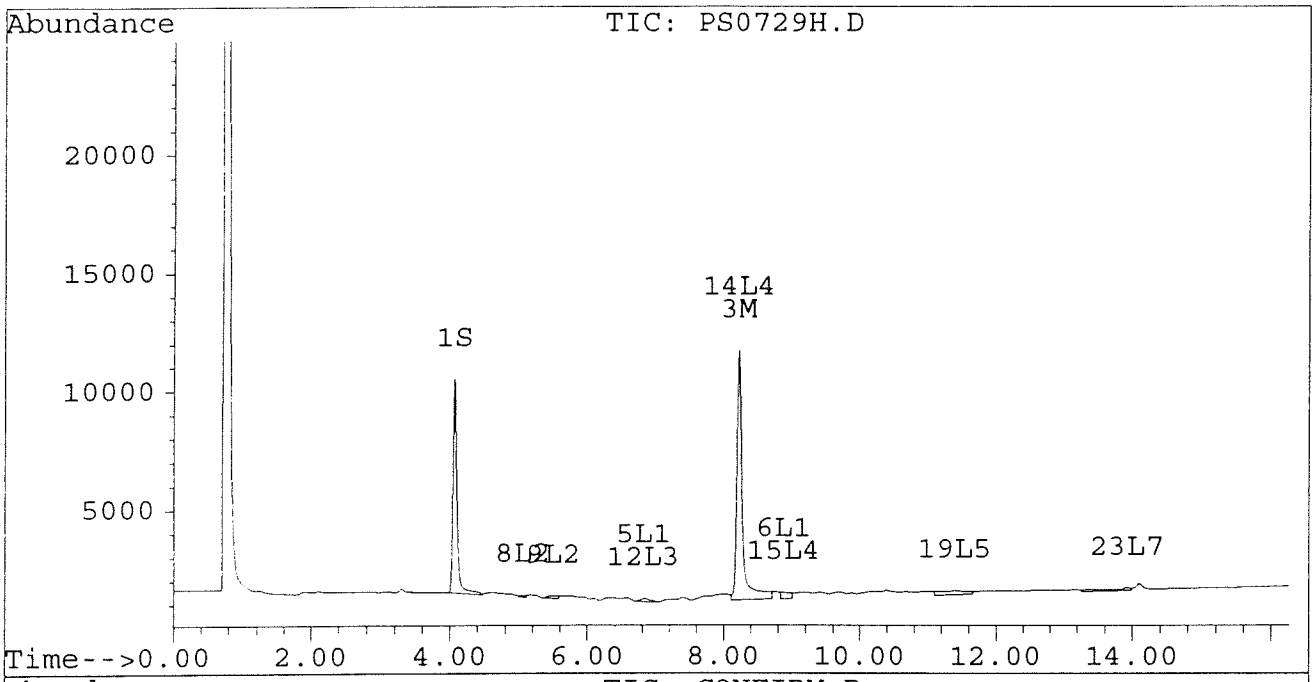
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

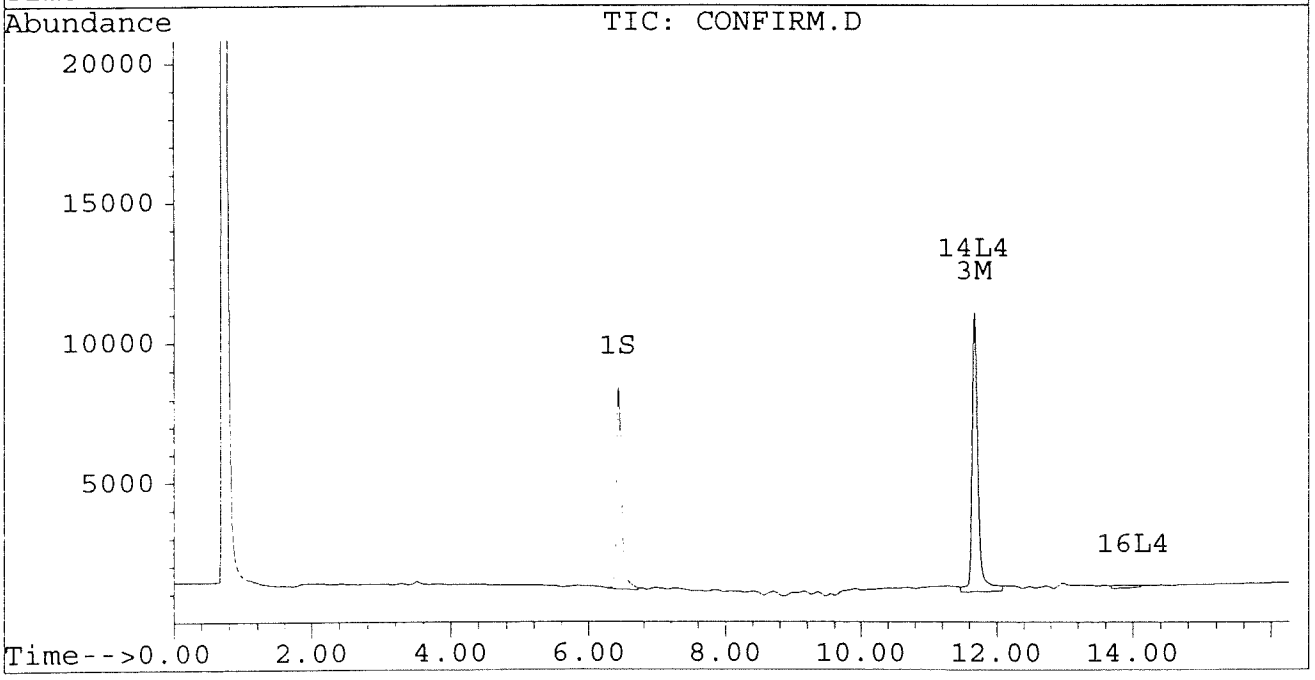
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729H.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL29A\PS0729H.D\CONFIRM.D
Acq On : 29 Jul 96 08:38 PM Operator: JS
Sample : PCB COGENERS 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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





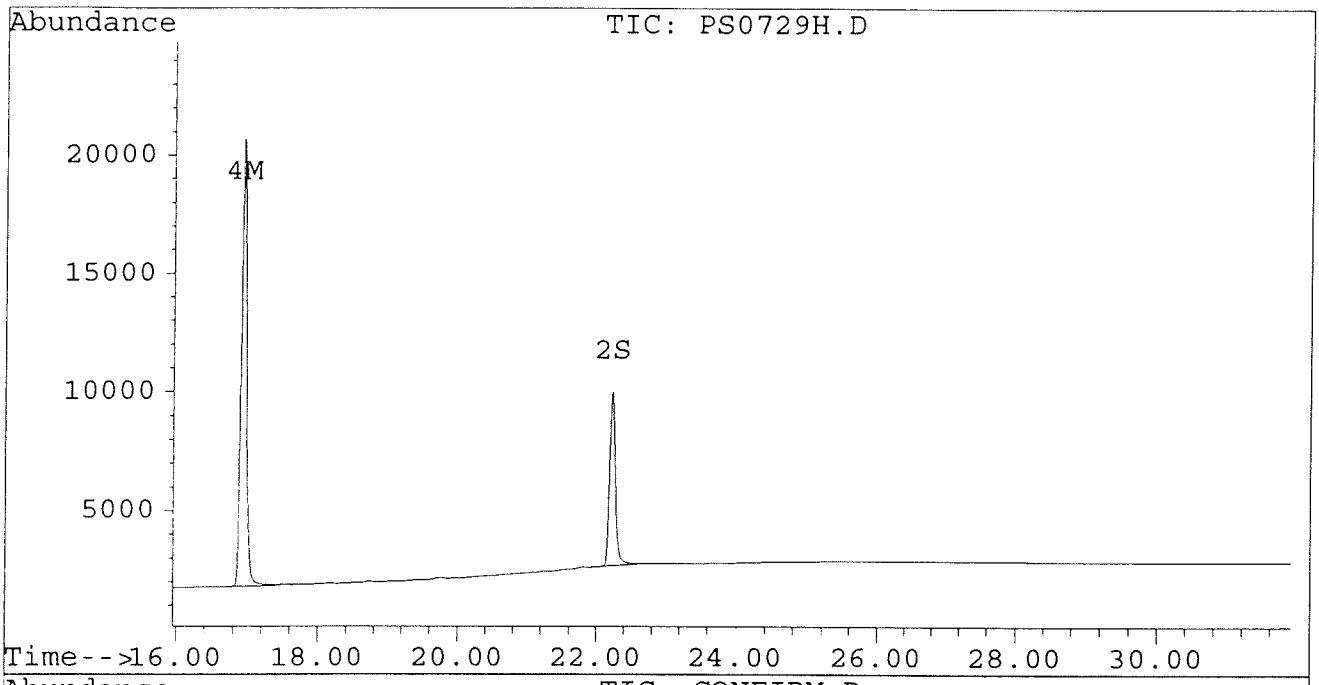
Quantitation Report

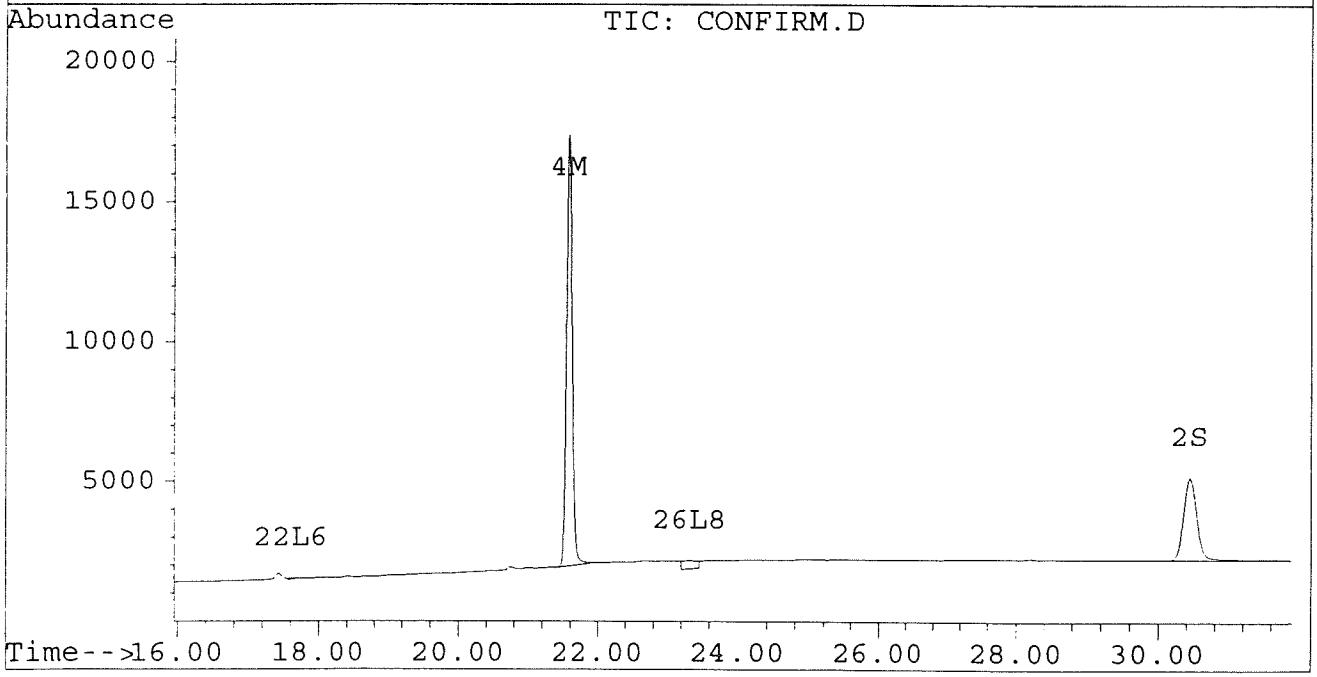
Signal #1 : D:\HPCHEM\5\JL29A\PS0729H.D
Signal #2 : D:\HPCHEM\5\JL29A\PS0729H.D\CONFIRM.D
Acq On : 29 Jul 96 08:38 PM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 15:20 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729J.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL29A\PS0729J.D\CONFIRM.D
Acq On : 30 Jul 96 03:45 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 30 4:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	4552	3602	0.020	0.021	
				Recovery	=	50.00%	52.50%	
2) S	Decachlorobiphenyl	22.23	30.45	4064	1708	0.021	0.020	
				Recovery	=	52.50%	50.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.66	316	241	0.003	0.003	
4) M	2,2',3,3',4,4'-Hexa	16.93	21.59	3224	2360	0.018	0.017	
5) L1	Aroclor-1016	6.81	8.81	174	61	0.006	0.005	
6) L1	Aroclor-1016 {2}	8.94	10.33	92	152	0.006	0.006	
7) L1	Aroclor-1016 {3}	9.29f	12.26	5820	75	0.242	0.005	#
Total	Aroclor-1016			6086	288	0.254	0.016	
Average	Aroclor-1016					0.085	0.005	
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.	
10) L2	Aroclor-1221 {3}	5.68	8.81	73	61	0.004	0.004	
Total	Aroclor-1221			73	61	0.004	0.004	
Average	Aroclor-1221					0.004	0.004	
11) L3	Aroclor-1232	5.68	8.81	73	61	0.004	0.004	
12) L3	Aroclor-1232 {2}	6.81	10.33	174	152	0.013	0.013	
13) L3	Aroclor-1232 {3}	8.61	12.26	116	75	0.014	0.011	
Total	Aroclor-1232			363	288	0.031	0.028	
Average	Aroclor-1232					0.010	0.009	
14) L4	Aroclor-1242	8.22	11.66	316	241	0.008	0.008	
15) L4	Aroclor-1242 {2}	8.94	12.26	92	75	0.008	0.006	
16) L4	Aroclor-1242 {3}	10.07	14.02	2776	2443	0.171	0.200	
Total	Aroclor-1242			3184	2759	0.187	0.214	
Average	Aroclor-1242					0.062	0.071	
17) L5	Aroclor-1248	9.29	14.97	5820	3591	0.189	0.164	
18) L5	Aroclor-1248 {2}	10.07	15.19	2776	1151	0.107	0.051	#
19) L5	Aroclor-1248 {3}	11.36f	16.20	10955	743	0.322	0.042	#
Total	Aroclor-1248			19551	5486	0.618	0.257	
Average	Aroclor-1248					0.206	0.086	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729J.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL29A\PS0729J.D\CONFIRM.D
Acq On : 30 Jul 96 03:45 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 30 4:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	10200	8526	0.348	0.351
21) L6 Aroclor-1254 {2}	13.42	15.72	14480	9274	0.354	0.348
22) L6 Aroclor-1254 {3}	15.81	17.58	10661	13010	0.350	0.350
Total Aroclor-1254			35340	30809	1.051	1.049
Average Aroclor-1254					0.350	0.350
23) L7 Aroclor-1260	13.92	18.21	6545	4738	0.207	0.168
24) L7 Aroclor-1260 {2}	14.70	18.53	5920	5231	0.160	0.161
25) L7 Aroclor-1260 {3}	17.91	21.95	1479	1304	0.029	0.027
Total Aroclor-1260			13944	11273	0.396	0.356
Average Aroclor-1260					0.132	0.119
26) L8 Aroclor-1268	18.86	0.00	27	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	955	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	55	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

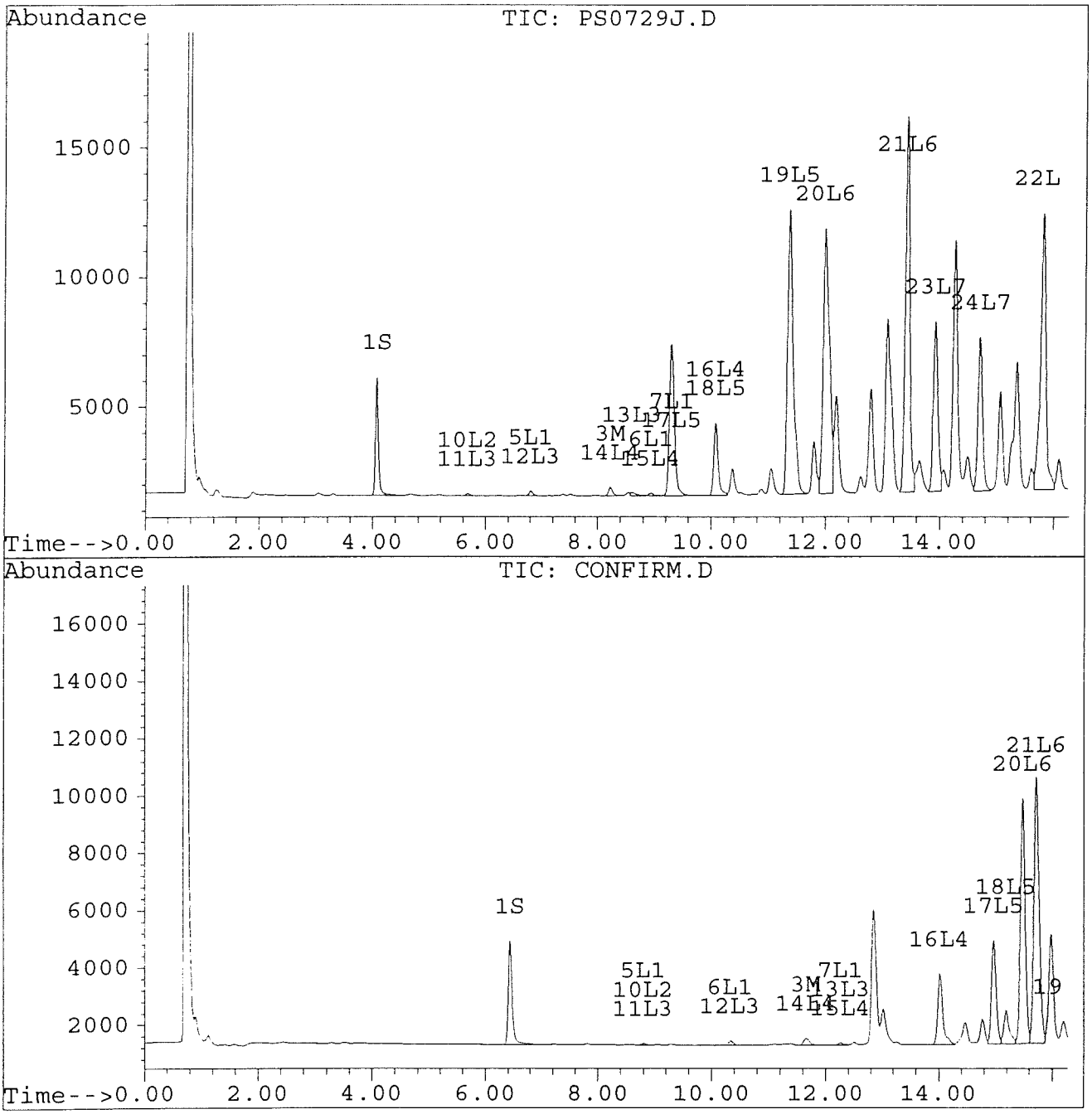
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729J.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL29A\PS0729J.D\CONFIRM.D
Acq On : 30 Jul 96 03:45 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 30 4:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL29A\PS0729J.D
Signal #2 : D:\HPCHEM\5\JL29A\PS0729J.D\CONFIRM.D
Acq On : 30 Jul 96 03:45 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 30 4:19 1996

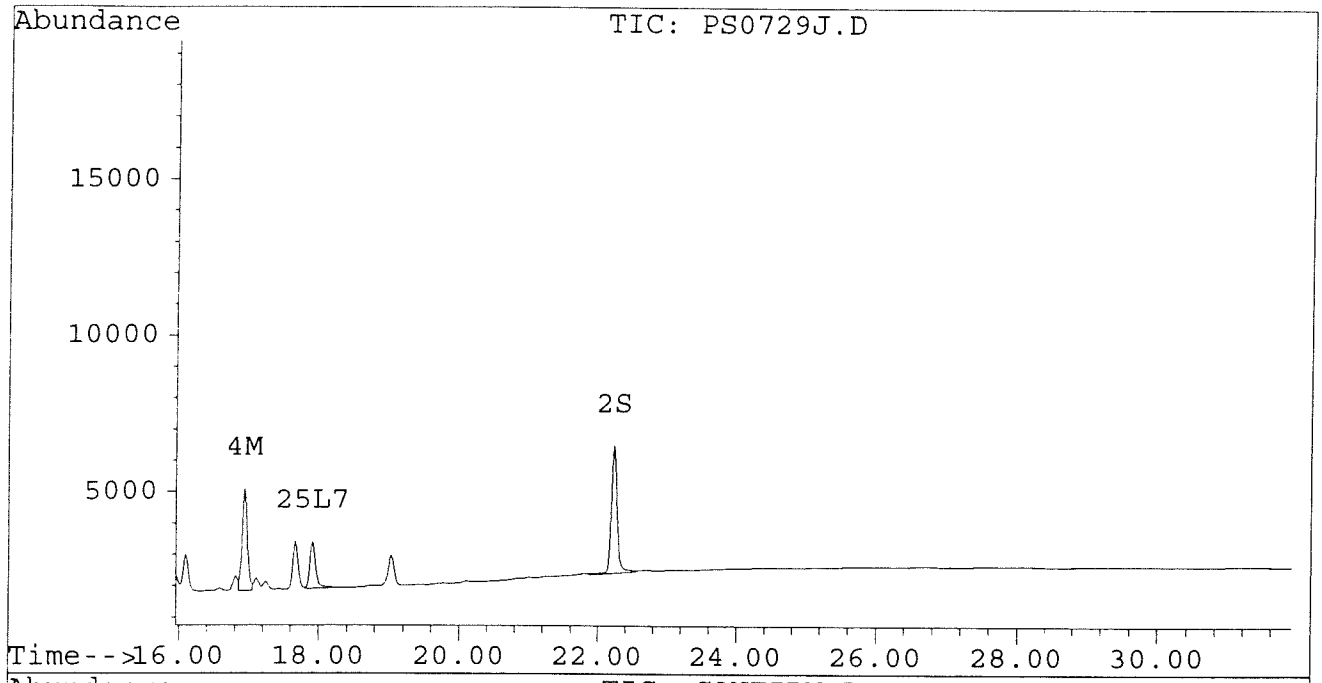
Vial: 2

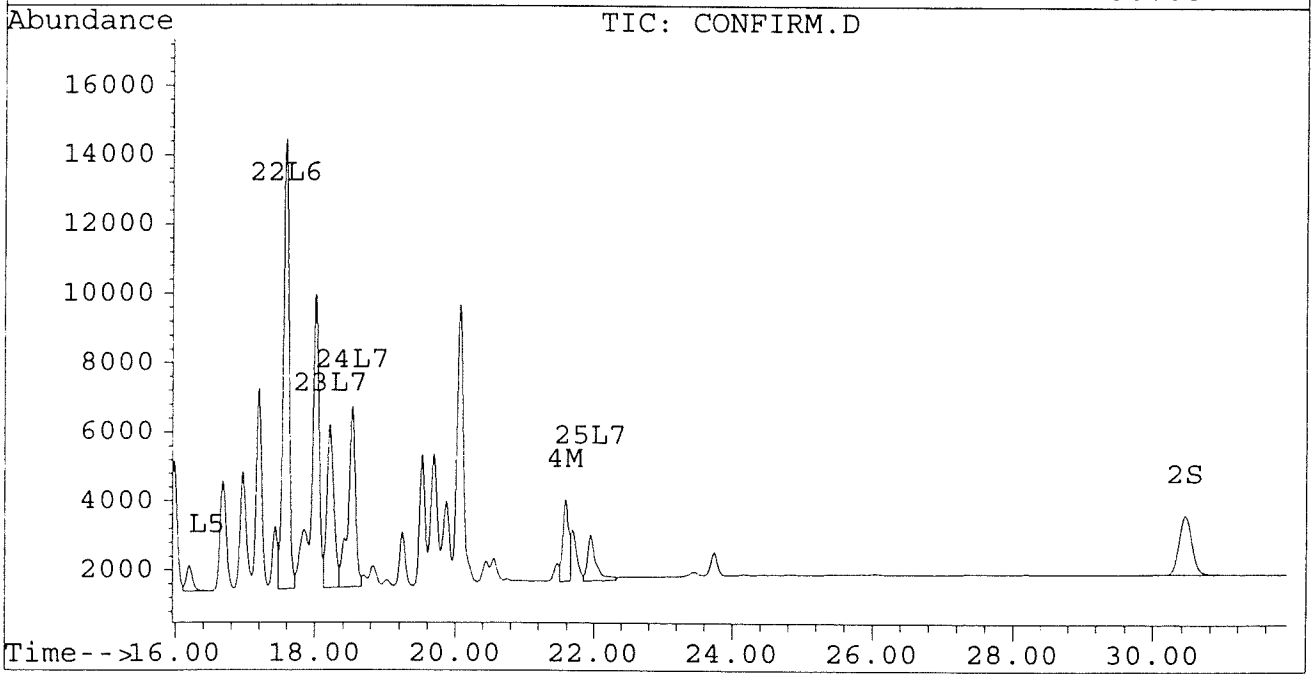
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729K.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL29A\PS0729K.D\CONFIRM.D
Acq On : 30 Jul 96 04:20 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.07	6.44	4039	3305	0.018	0.019
				Recovery	=	45.00%	47.50%
2)	S Decachlorobiphenyl	22.23	30.45	3668	1576	0.019m	0.018
				Recovery	=	47.50%	45.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.22	11.66	12974	9204	0.117	0.097
4)	M 2,2',3,3',4,4'-Hexa	16.94	21.59	127	142	0.001	0.001 #
5)	L1 Aroclor-1016	6.80	8.80	7504	3572	0.250	0.289
6)	L1 Aroclor-1016 {2}	8.93	10.33	3755	6407	0.240	0.254
7)	L1 Aroclor-1016 {3}	9.33	12.26	6043	4006	0.251	0.253
	Total Aroclor-1016			17301	13985	0.741	0.796
	Average Aroclor-1016					0.247	0.265
8)	L2 Aroclor-1221	5.09	8.03	628	576	0.090	0.094
9)	L2 Aroclor-1221 {2}	5.51	8.57	897	785	0.154	0.161
10)	L2 Aroclor-1221 {3}	5.68	8.80	4287	3572	0.212	0.233
	Total Aroclor-1221			5812	4933	0.456	0.488
	Average Aroclor-1221					0.152	0.163
11)	L3 Aroclor-1232	5.68	8.80	4287	3572	0.235	0.249
12)	L3 Aroclor-1232 {2}	6.80	10.33	7504	6407	0.550	0.533
13)	L3 Aroclor-1232 {3}	8.61	12.26	4759	4006	0.575	0.578
	Total Aroclor-1232			16550	13985	1.360	1.360
	Average Aroclor-1232					0.453	0.453
14)	L4 Aroclor-1242	8.22	11.66	12974	9204	0.318	0.319
15)	L4 Aroclor-1242 {2}	8.93	12.26	3755	4006	0.308	0.319
16)	L4 Aroclor-1242 {3}	10.08	14.02	5159	3929	0.319	0.322
	Total Aroclor-1242			21888	17138	0.945	0.960
	Average Aroclor-1242					0.315	0.320
17)	L5 Aroclor-1248	9.33	14.97	6043	3841	0.196	0.175
18)	L5 Aroclor-1248 {2}	10.08	15.19	5159	4420	0.198	0.195
19)	L5 Aroclor-1248 {3}	11.40	16.19	5918	3339	0.174	0.190
	Total Aroclor-1248			17120	11600	0.568	0.560
	Average Aroclor-1248					0.189	0.187

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729K.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL29A\PS0729K.D\CONFIRM.D
Acq On : 30 Jul 96 04:20 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	0	995	N.D.	0.041 #
21) L6	Aroclor-1254 {2}	13.43	15.73	1301	1081	0.032	0.041 #
22) L6	Aroclor-1254 {3}	15.82	17.58	174	1246	0.006	0.033 #
Total	Aroclor-1254			1475	3322	0.037	0.115
Average	Aroclor-1254					0.019	0.038
23) L7	Aroclor-1260	13.91	18.21	732	101	0.023	0.004 #
24) L7	Aroclor-1260 {2}	14.71	0.00	117	0	0.003	N.D. #
25) L7	Aroclor-1260 {3}	17.92	21.96	25	149	0.000	0.003 #
Total	Aroclor-1260			875	251	0.027	0.007
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}	19.04	0.00	18	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.82	0.00	194	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\JL29A\PS0729K.D
Signal #2 : D:\HPCHEM\5\JL29A\PS0729K.D\CONFIRM.D
Acq On : 30 Jul 96 04:20 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:21 1996

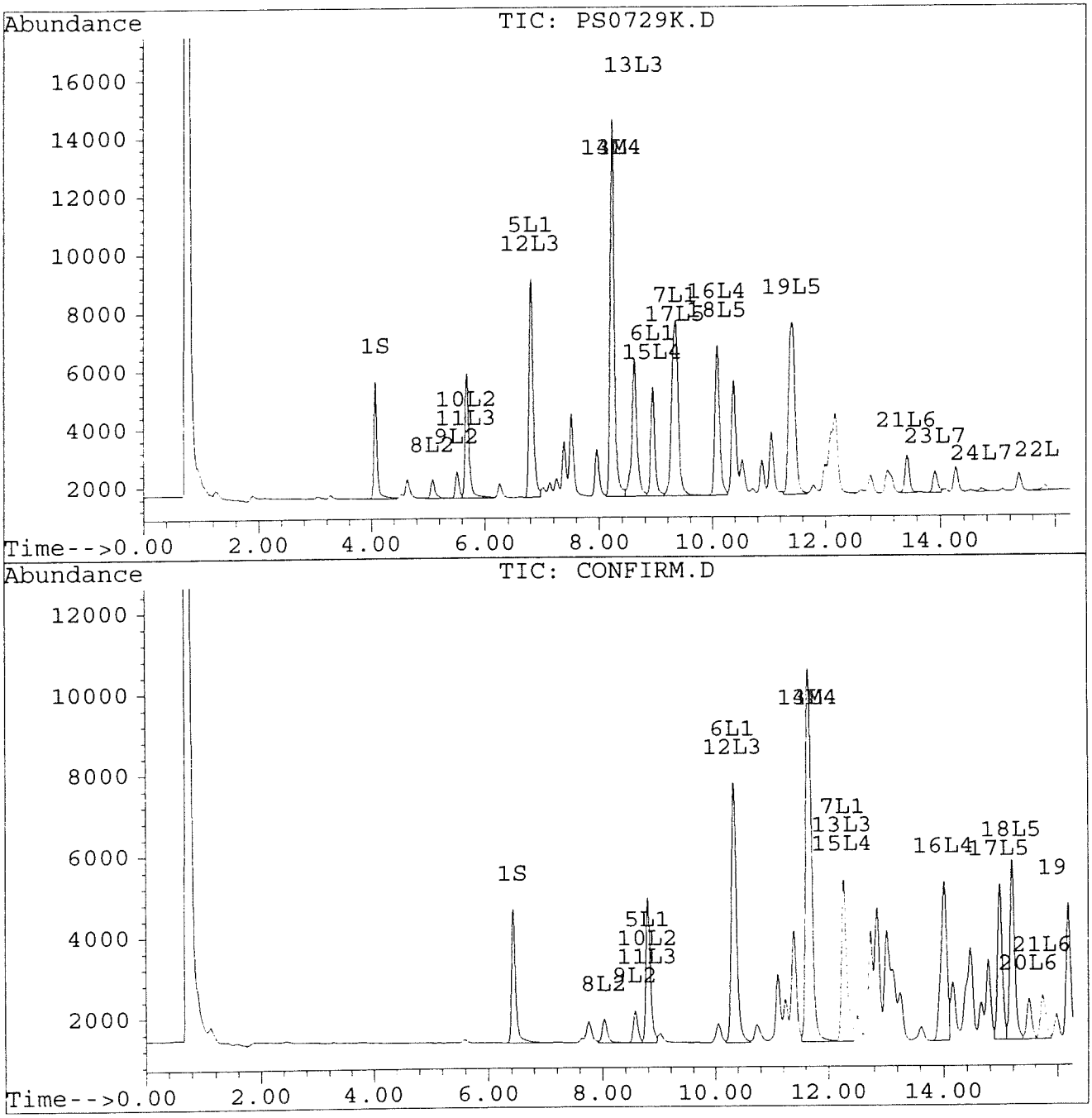
Vial: 3

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729K.D
Signal #2 : D:\HPCHEM\5\JL29A\PS0729K.D\CONFIRM.D
Acq On : 30 Jul 96 04:20 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:21 1996

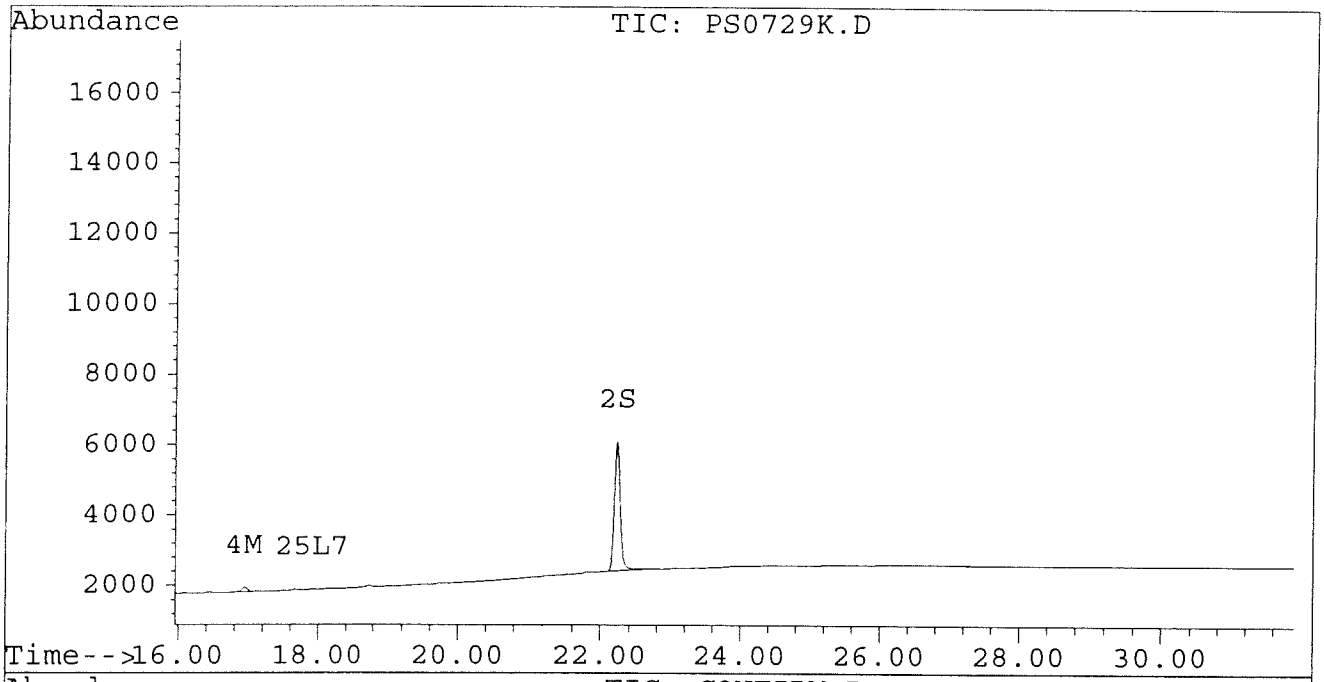
Vial: 3

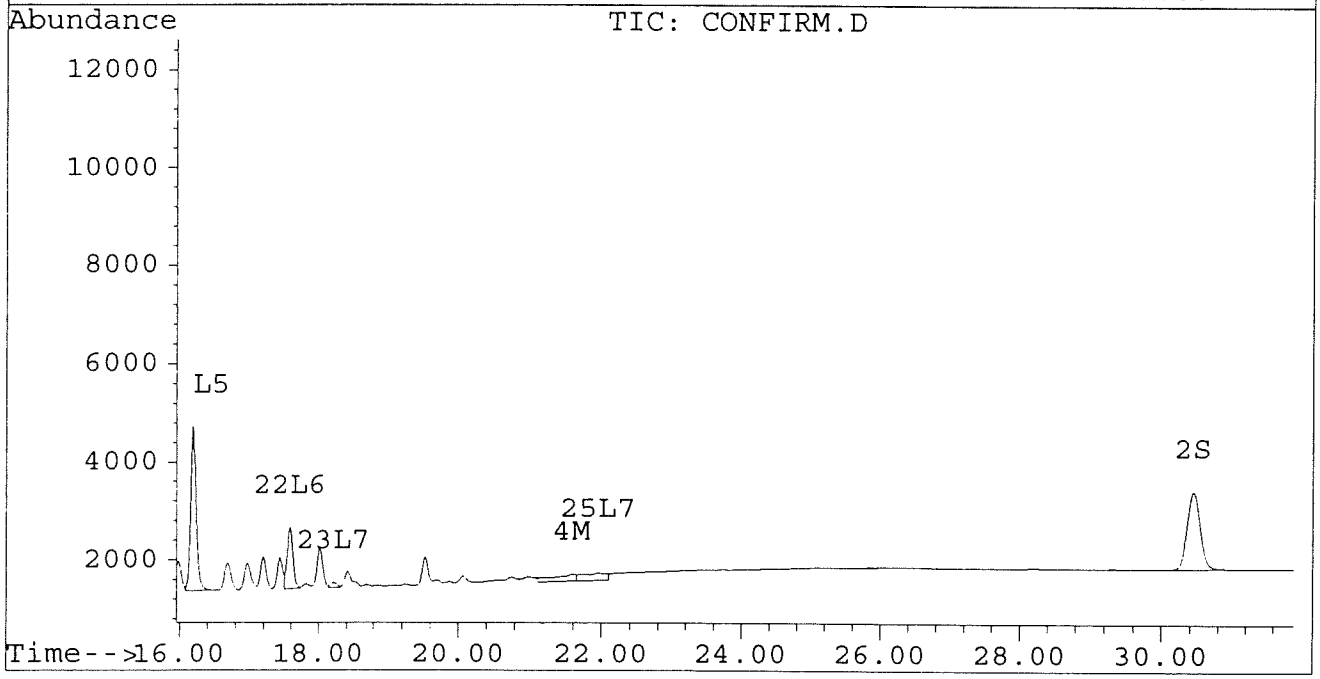
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729L.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL29A\PS0729L.D\CONFIRM.D
Acq On : 30 Jul 96 04:56 AM Operator: JS
Sample : PCB COGENERS 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.07	6.44	10976	8377	0.049	0.048
					Recovery	=	122.50%	120.00%
2)	S	Decachlorobiphenyl	22.23	30.44	8670	3672	0.044	0.043
					Recovery	=	110.00%	107.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.22	11.68	11779	11076	0.106m	0.117m
4)	M	2,2',3,3',4,4'-Hexa	16.93	21.58	21316	17459	0.119m	0.126m
5)	L1	Aroclor-1016	6.83	0.00	123	0	0.004	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			123	0	0.004	N.D.
Average		Aroclor-1016					0.004	0.000
8)	L2	Aroclor-1221	5.06	8.07f	96	91	0.014	0.015
9)	L2	Aroclor-1221 {2}	5.51	0.00	124	0	0.021	N.D. #
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1221			220	91	0.035	0.015
Average		Aroclor-1221					0.017	0.015
11)	L3	Aroclor-1232	5.73f	0.00	149	0	0.008	N.D. #
12)	L3	Aroclor-1232 {2}	6.83	0.00	123	0	0.009	N.D. #
13)	L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1232			273	0	0.017	N.D.
Average		Aroclor-1232					0.009	0.000
14)	L4	Aroclor-1242	8.22	11.68	12016	11219	0.295	0.388 #
15)	L4	Aroclor-1242 {2}	8.89f	0.00	289	0	0.024	N.D. #
16)	L4	Aroclor-1242 {3}	0.00	14.02	0	71	N.D.	0.006 #
	Total	Aroclor-1242			12305	11290	0.319	0.394
Average		Aroclor-1242					0.159	0.197
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	11.40	0.00	208	0	0.006	N.D. #
	Total	Aroclor-1248			208	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\JL29A\PS0729L.D Vial: 4
Signal #2 : D:\HPCHEM\5\JL29A\PS0729L.D\CONFIRM.D
Acq On : 30 Jul 96 04:56 AM Operator: JS
Sample : PCB COGENERS 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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}	15.80	17.61	35	28	0.001	0.001 #
Total Aroclor-1254			35	28	0.001	0.001
Average Aroclor-1254					0.001	0.001
23) L7 Aroclor-1260	13.92	0.00	144	0	0.005	N.D. #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			144	0	0.005	N.D.
Average Aroclor-1260					0.005	0.000
26) L8 Aroclor-1268	0.00	23.32	0	107	N.D.	0.025 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	21.82	0.00	82	0	NoCal	N.D.
Total Aroclor-1268			0	107	N.D.	0.025
Average Aroclor-1268					0.000	0.025

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729L.D
Signal #2 : D:\HPCHEM\5\JL29A\PS0729L.D\CONFIRM.D
Acq On : 30 Jul 96 04:56 AM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 15:22 1996

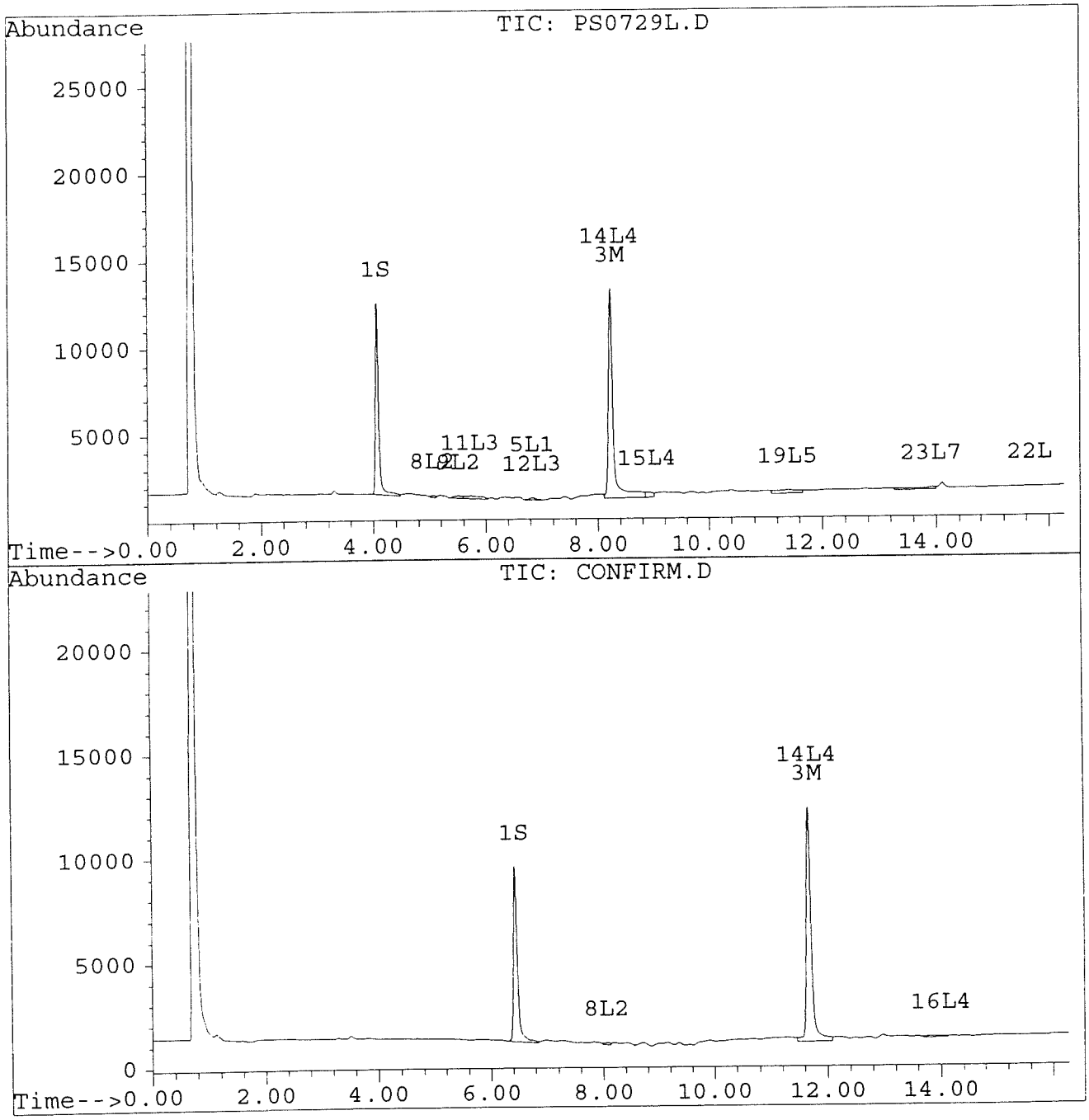
Vial: 4

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729L.D
Signal #2 : D:\HPCHEM\5\JL29A\PS0729L.D\CONFIRM.D
Acq On : 30 Jul 96 04:56 AM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 15:22 1996

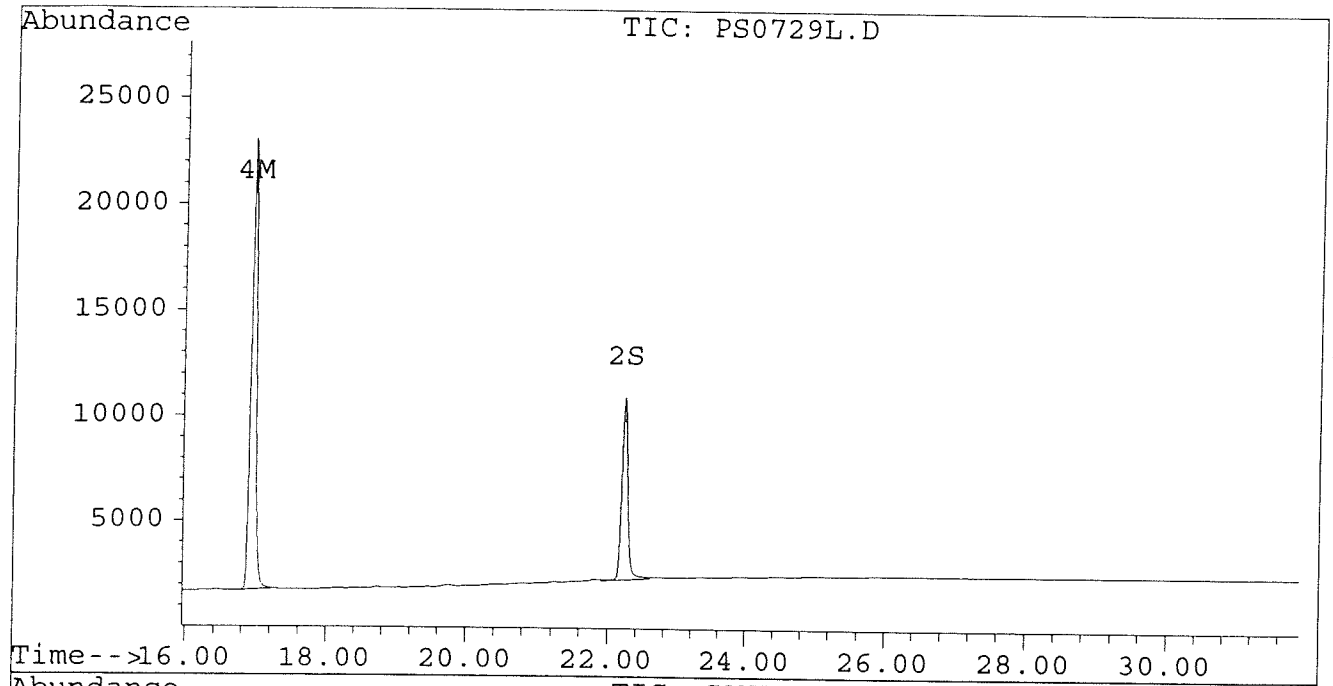
Vial: 4

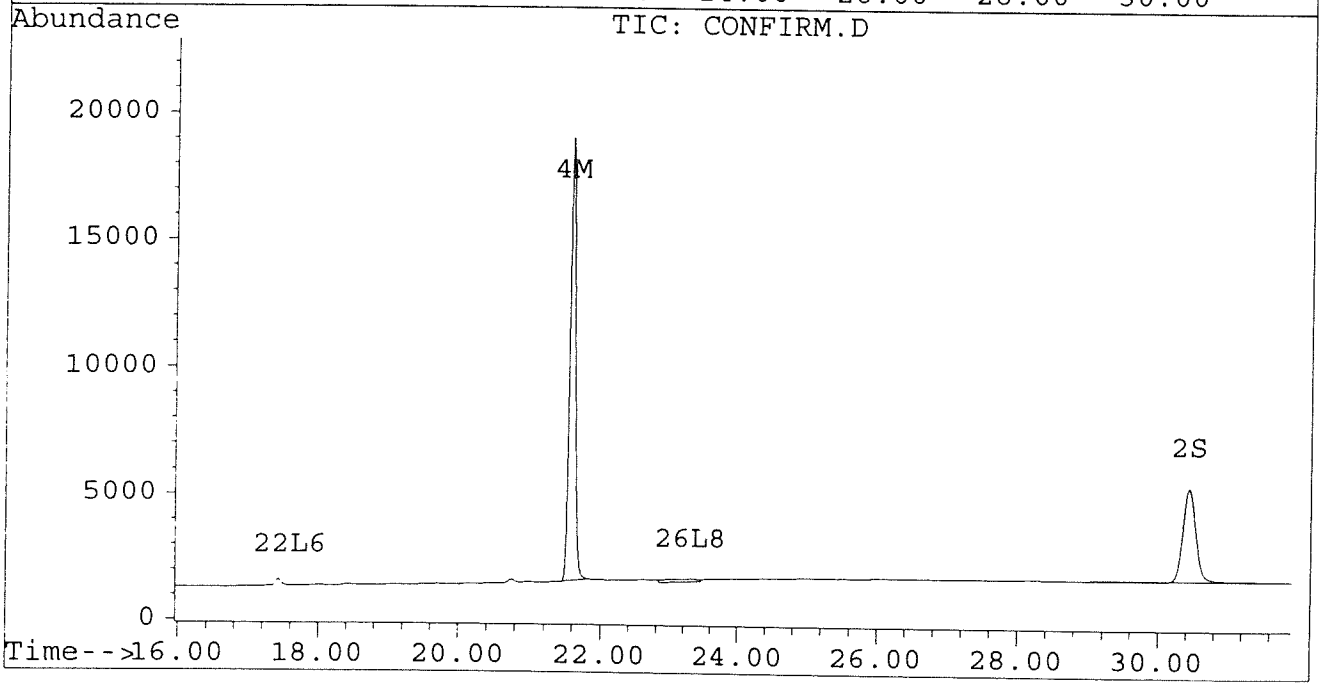
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729M.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL29A\PS0729M.D\CONFIRM.D
Acq On : 30 Jul 96 11:27 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.07	6.44	4192	3473	0.019	0.020	
				Recovery	=	47.50%	50.00%	
2) S	Decachlorobiphenyl	22.23	30.47	3912	3097	0.020m	0.036	#
				Recovery	=	50.00%	90.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.22	11.66	313	238	0.003	0.003	
4) M	2,2',3,3',4,4'-Hexa	16.93	21.59	3204	2417	0.018	0.018	
5) L1	Aroclor-1016	6.81	8.81	172	62	0.006	0.005	
6) L1	Aroclor-1016 (2)	8.94	10.33	92	149	0.006	0.006	
7) L1	Aroclor-1016 (3)	9.29f	12.26	5742	78	0.239	0.005	#
Total	Aroclor-1016			6005	290	0.250	0.016	
Average	Aroclor-1016					0.083	0.005	
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.	
9) L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.	
10) L2	Aroclor-1221 (3)	5.68	8.81	70	62	0.003	0.004	
Total	Aroclor-1221			70	62	0.003	0.004	
Average	Aroclor-1221					0.003	0.004	
11) L3	Aroclor-1232	5.68	8.81	70	62	0.004	0.004	
12) L3	Aroclor-1232 (2)	6.81	10.33	172	149	0.013	0.012	
13) L3	Aroclor-1232 (3)	8.61	12.26	119	78	0.014	0.011	
Total	Aroclor-1232			360	290	0.031	0.028	
Average	Aroclor-1232					0.010	0.009	
14) L4	Aroclor-1242	8.22	11.66	313	238	0.008	0.008	
15) L4	Aroclor-1242 (2)	8.94	12.26	92	78	0.008	0.006	
16) L4	Aroclor-1242 (3)	10.07	14.02	2733	2395	0.169	0.196	
Total	Aroclor-1242			3138	2710	0.184	0.210	
Average	Aroclor-1242					0.061	0.070	
17) L5	Aroclor-1248	9.29	14.97	5742	3595	0.186	0.164	
18) L5	Aroclor-1248 (2)	10.07	15.19	2733	1140	0.105	0.050	#
19) L5	Aroclor-1248 (3)	11.36f	16.19	10833	744	0.319	0.042	#
Total	Aroclor-1248			19307	5480	0.610	0.256	
Average	Aroclor-1248					0.203	0.085	

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729M.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL29A\PS0729M.D\CONFIRM.D
Acq On : 30 Jul 96 11:27 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	10090	8369	0.344	0.345
21) L6 Aroclor-1254 {2}	13.42	15.72	14523	9157	0.355	0.343
22) L6 Aroclor-1254 {3}	15.81	17.58	10678	12846	0.350	0.345
Total Aroclor-1254			35291	30372	1.049	1.033
Average Aroclor-1254					0.350	0.344
23) L7 Aroclor-1260	13.92	18.21	6507	4637	0.206	0.164
24) L7 Aroclor-1260 {2}	14.70	18.53	5902	5244	0.160	0.161
25) L7 Aroclor-1260 {3}	17.91	21.95	1711	1390	0.033	0.029
Total Aroclor-1260			14120	11270	0.399	0.354
Average Aroclor-1260					0.133	0.118
26) L8 Aroclor-1268	18.85	0.00	206	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	1098	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.

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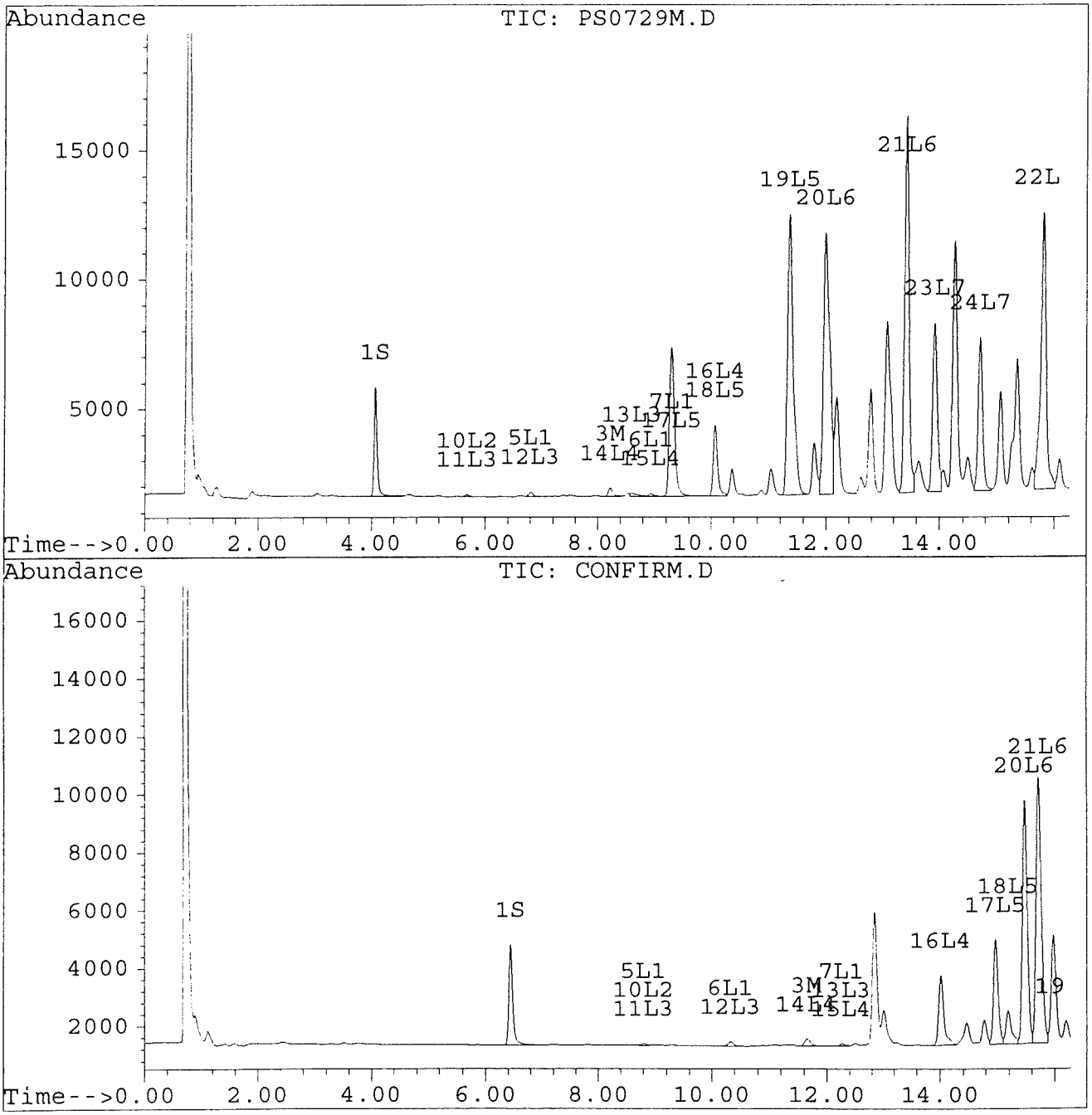
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729M.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL29A\PS0729M.D\CONFIRM.D
Acq On : 30 Jul 96 11:27 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

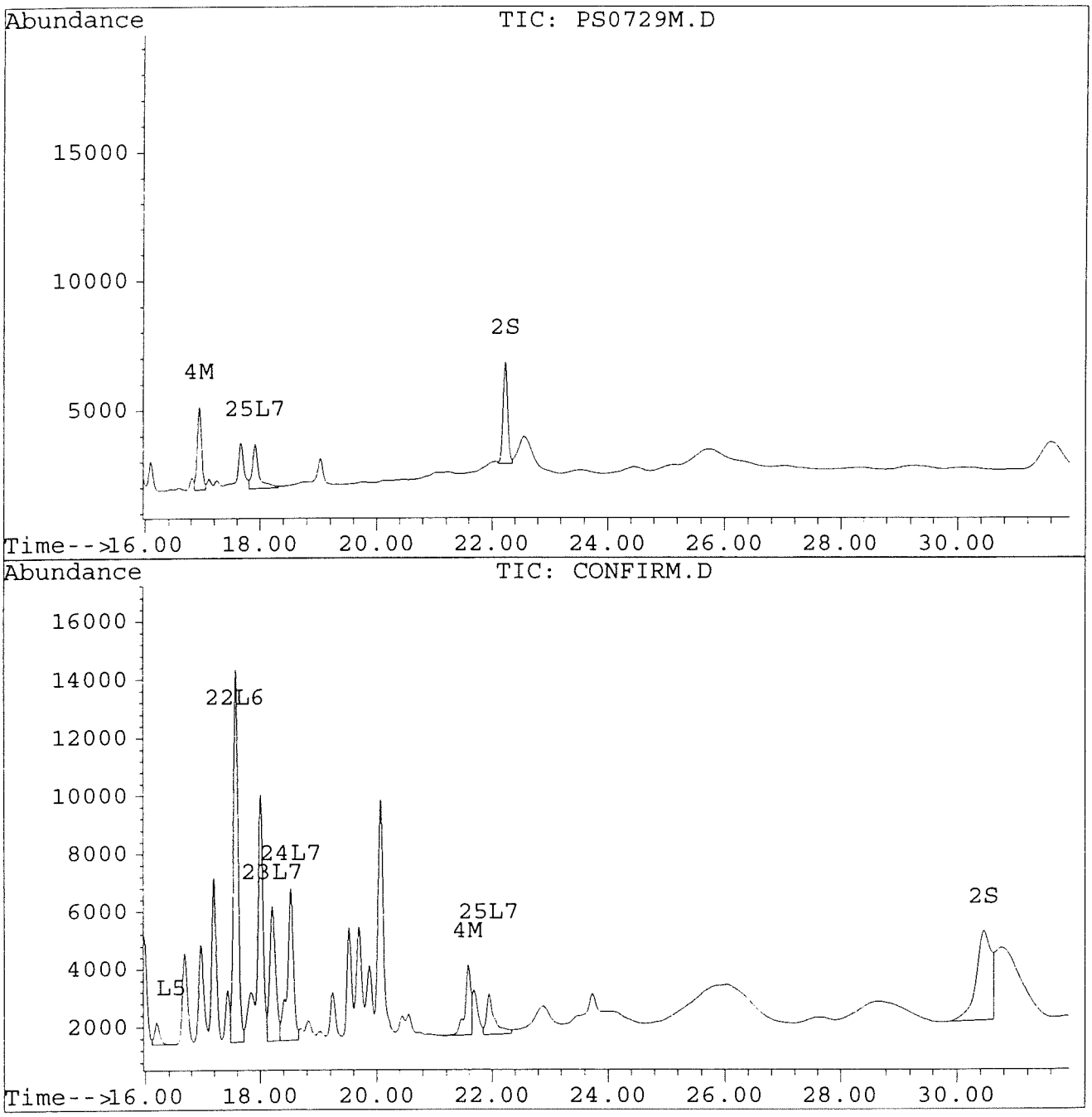


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729M.D Vial: 2
Signal #2 : D:\HPCHEM\5\JL29A\PS0729M.D\CONFIRM.D
Acq On : 30 Jul 96 11:27 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL29A\PS0729N.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL29A\PS0729N.D\CONFIRM.D
Acq On : 30 Jul 96 12:02 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	4063	3305	0.018	0.019
				Recovery	=	45.00%	47.50%
2) S	Decachlorobiphenyl	22.23	30.45	3751	1717	0.019m	0.020m
				Recovery	=	47.50%	50.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.66	13135	9349	0.118	0.099
4) M	2,2',3,3',4,4'-Hexa	16.94	21.60	130	116	0.001	0.001
5) L1	Aroclor-1016	6.80	8.80	7553	3613	0.251	0.293
6) L1	Aroclor-1016 (2)	8.93	10.33	3765	6497	0.241	0.257
7) L1	Aroclor-1016 (3)	9.33	12.26	6098	4022	0.254	0.254
	Total Aroclor-1016			17416	14133	0.746	0.804
	Average Aroclor-1016					0.249	0.268
8) L2	Aroclor-1221	5.09	8.03	637	579	0.091	0.095
9) L2	Aroclor-1221 (2)	5.51	8.57	906	793	0.155	0.162
10) L2	Aroclor-1221 (3)	5.68	8.80	4337	3613	0.215	0.235
	Total Aroclor-1221			5881	4985	0.461	0.493
	Average Aroclor-1221					0.154	0.164
11) L3	Aroclor-1232	5.68	8.80	4337	3613	0.238	0.252
12) L3	Aroclor-1232 (2)	6.80	10.33	7553	6497	0.553	0.541
13) L3	Aroclor-1232 (3)	8.61	12.26	4808	4022	0.581	0.580
	Total Aroclor-1232			16698	14133	1.372	1.373
	Average Aroclor-1232					0.457	0.458
14) L4	Aroclor-1242	8.22	11.66	13135	9349	0.322	0.324
15) L4	Aroclor-1242 (2)	8.93	12.26	3765	4022	0.309	0.321
16) L4	Aroclor-1242 (3)	10.08	14.02	5136	3917	0.317	0.321
	Total Aroclor-1242			22036	17288	0.949	0.965
	Average Aroclor-1242					0.316	0.322
17) L5	Aroclor-1248	9.33	14.97	6098	3862	0.198	0.176
18) L5	Aroclor-1248 (2)	10.08	15.19	5136	4447	0.197	0.196
19) L5	Aroclor-1248 (3)	11.40	16.19	5875	3346	0.173	0.191
	Total Aroclor-1248			17109	11655	0.568	0.562
	Average Aroclor-1248					0.189	0.187

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729N.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL29A\PS0729N.D\CONFIRM.D
Acq On : 30 Jul 96 12:02 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	0	1004	N.D.	0.041 #
21) L6	Aroclor-1254 {2}	13.43	15.73	1288	1082	0.031	0.041 #
22) L6	Aroclor-1254 {3}	15.82	17.58	171	1247	0.006	0.034 #
Total	Aroclor-1254			1460	3334	0.037	0.115
Average	Aroclor-1254					0.019	0.038
23) L7	Aroclor-1260	13.91	18.22	733	124	0.023	0.004 #
24) L7	Aroclor-1260 {2}	14.70	18.52	118	135	0.003	0.004 #
25) L7	Aroclor-1260 {3}	17.92	0.00	33	0	0.001	N.D. #
Total	Aroclor-1260			884	259	0.027	0.009
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}	21.83	0.00	271	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\JL29A\PS0729N.D
Signal #2 : D:\HPCHEM\5\JL29A\PS0729N.D\CONFIRM.D
Acq On : 30 Jul 96 12:02 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:23 1996

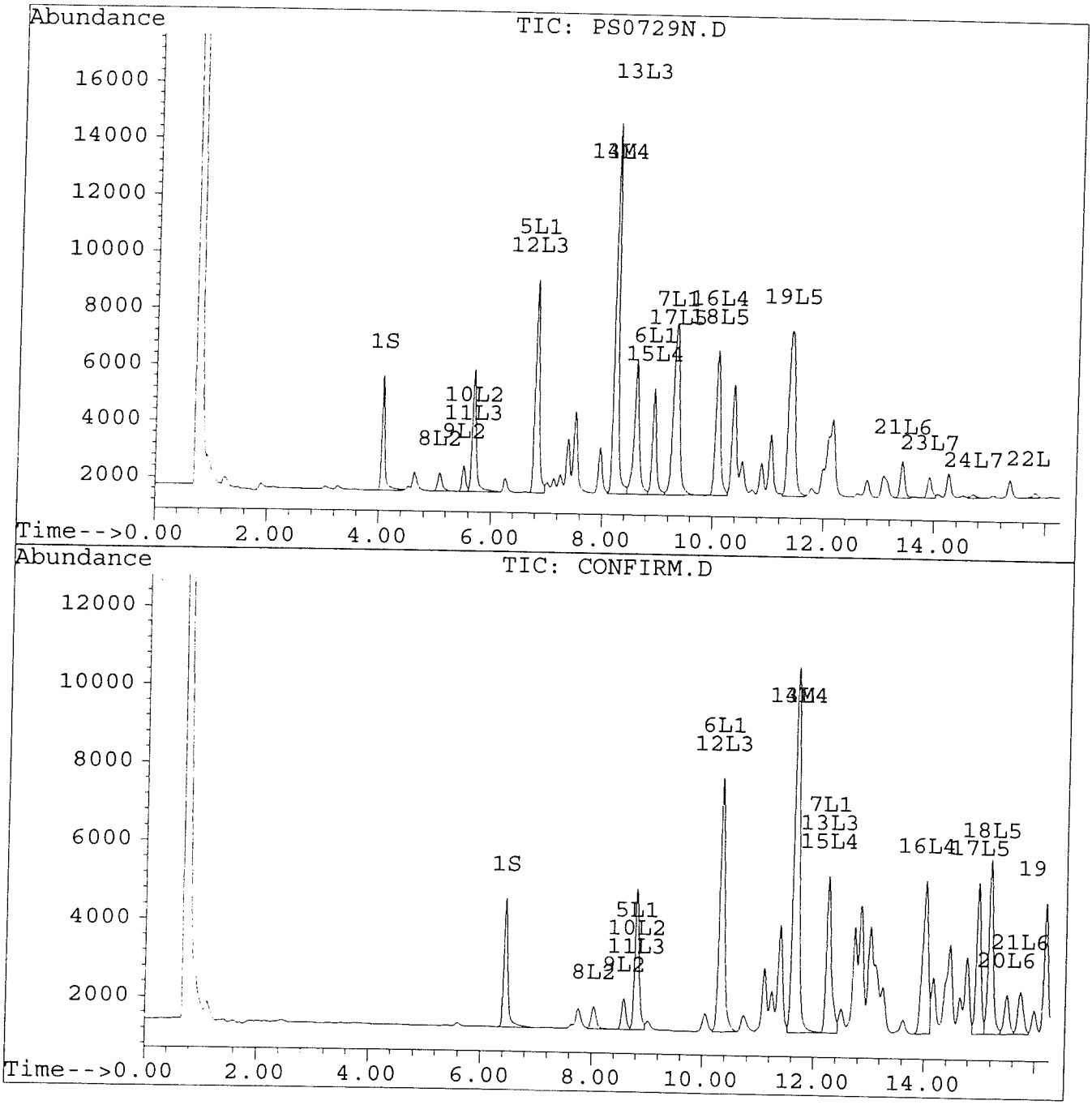
Vial: 3

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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

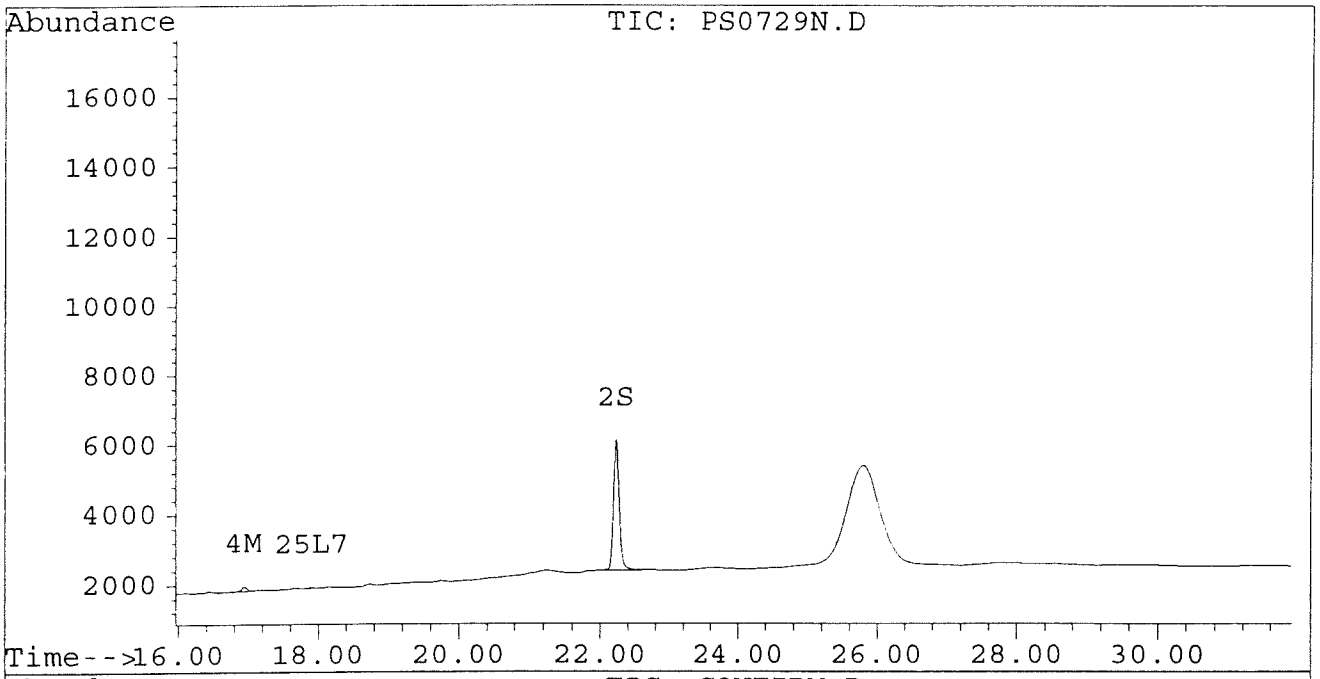


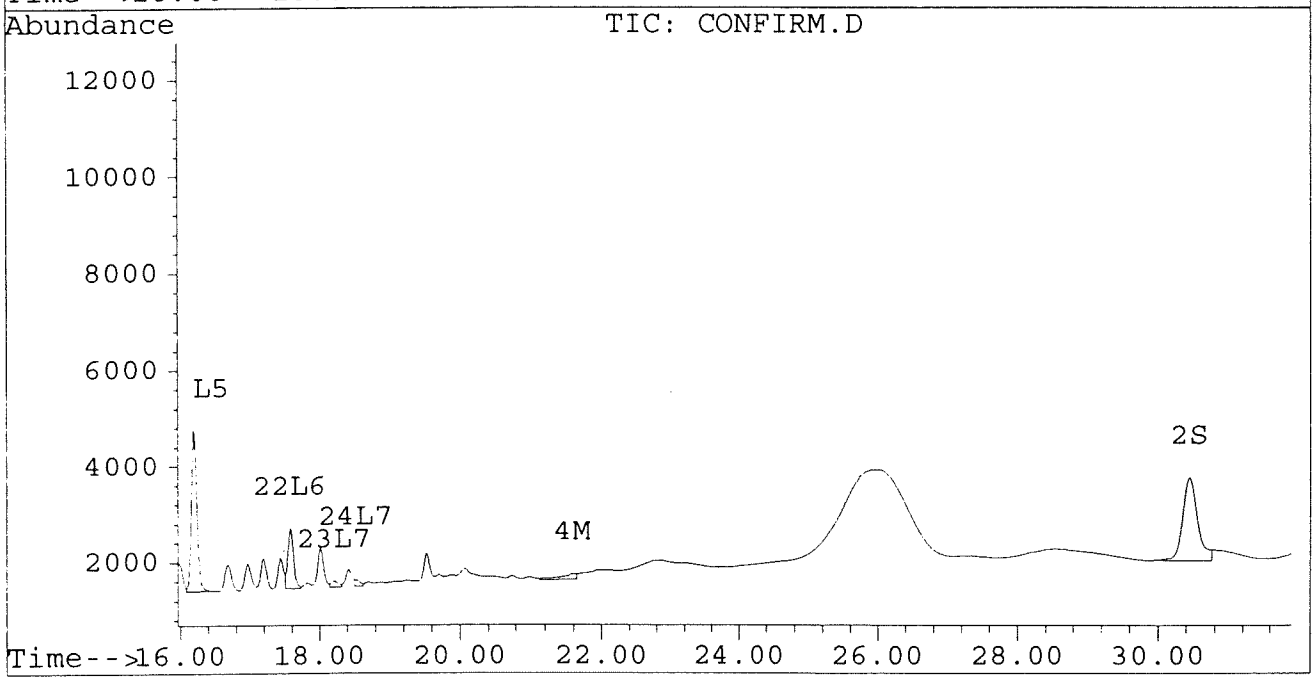
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL29A\PS0729N.D Vial: 3
Signal #2 : D:\HPCHEM\5\JL29A\PS0729N.D\CONFIRM.D
Acq On : 30 Jul 96 12:02 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\PS0730A.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730A.D\CONFIRM.D
Acq On : 30 Jul 96 08:37 PM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 15:34 1996

Vial: 11

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	4.07	6.44	10353	7645	0.046	0.044
				Recovery	=	115.00%	110.00%
2) S	Decachlorobiphenyl	22.24	0.00	6783	0	0.035m	N.D. #
				Recovery	=	87.50%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.68	11296	10249	0.102m	0.108m
4) M	2,2',3,3',4,4'-Hexa	16.93	21.59	19464	15869	0.109m	0.115m
5) L1	Aroclor-1016	6.83	0.00	152	0	0.005	N.D. #
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	0.00	12.29	0	216	N.D.	0.014 #
Total	Aroclor-1016			152	216	0.005	0.014
Average	Aroclor-1016					0.005	0.014
8) L2	Aroclor-1221	5.06	0.00	107	0	0.015	N.D. #
9) L2	Aroclor-1221 {2}	5.51	0.00	147	0	0.025	N.D. #
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			255	0	0.041	N.D.
Average	Aroclor-1221					0.020	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	6.83	0.00	152	0	0.011	N.D. #
13) L3	Aroclor-1232 {3}	0.00	12.29	0	216	N.D.	0.031 #
Total	Aroclor-1232			152	216	0.011	0.031
Average	Aroclor-1232					0.011	0.031
14) L4	Aroclor-1242	8.23	11.68	11609	10389	0.285	0.360 #
15) L4	Aroclor-1242 {2}	0.00	12.29f	0	216	N.D.	0.017 #
16) L4	Aroclor-1242 {3}	0.00	14.02	0	69	N.D.	0.006 #
Total	Aroclor-1242			11609	10674	0.285	0.383
Average	Aroclor-1242					0.285	0.128
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\JL30\PS0730A.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730A.D\CONFIRM.D
Acq On : 30 Jul 96 08:37 PM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 15:34 1996

Vial: 11

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	13.94	0.00	1168	0	0.037	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			1168	0	0.037	N.D.
Average	Aroclor-1260					0.037	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\JL30\PS0730A.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730A.D\CONFIRM.D
Acq On : 30 Jul 96 08:37 PM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 15:34 1996

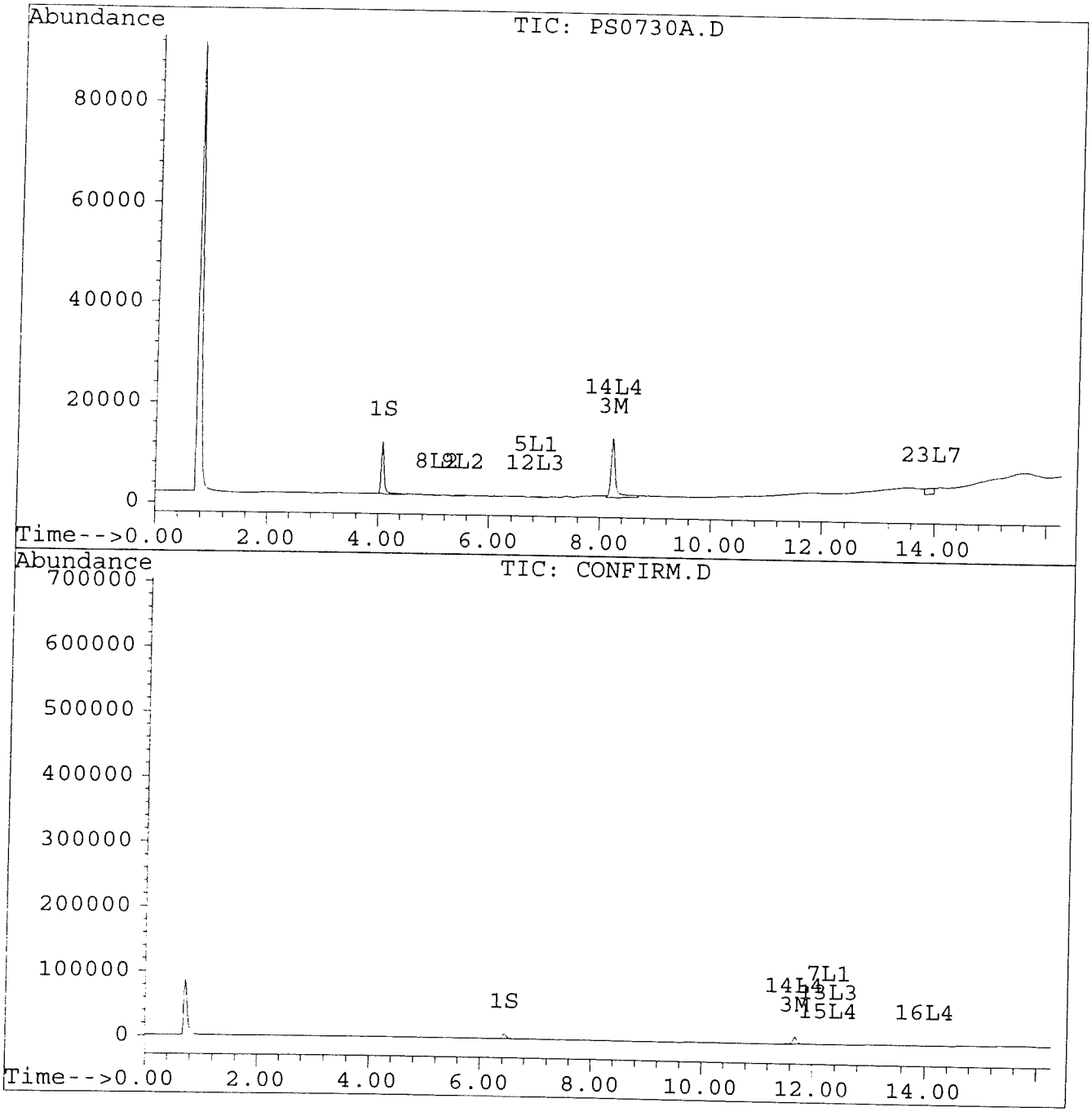
Vial: 11

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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

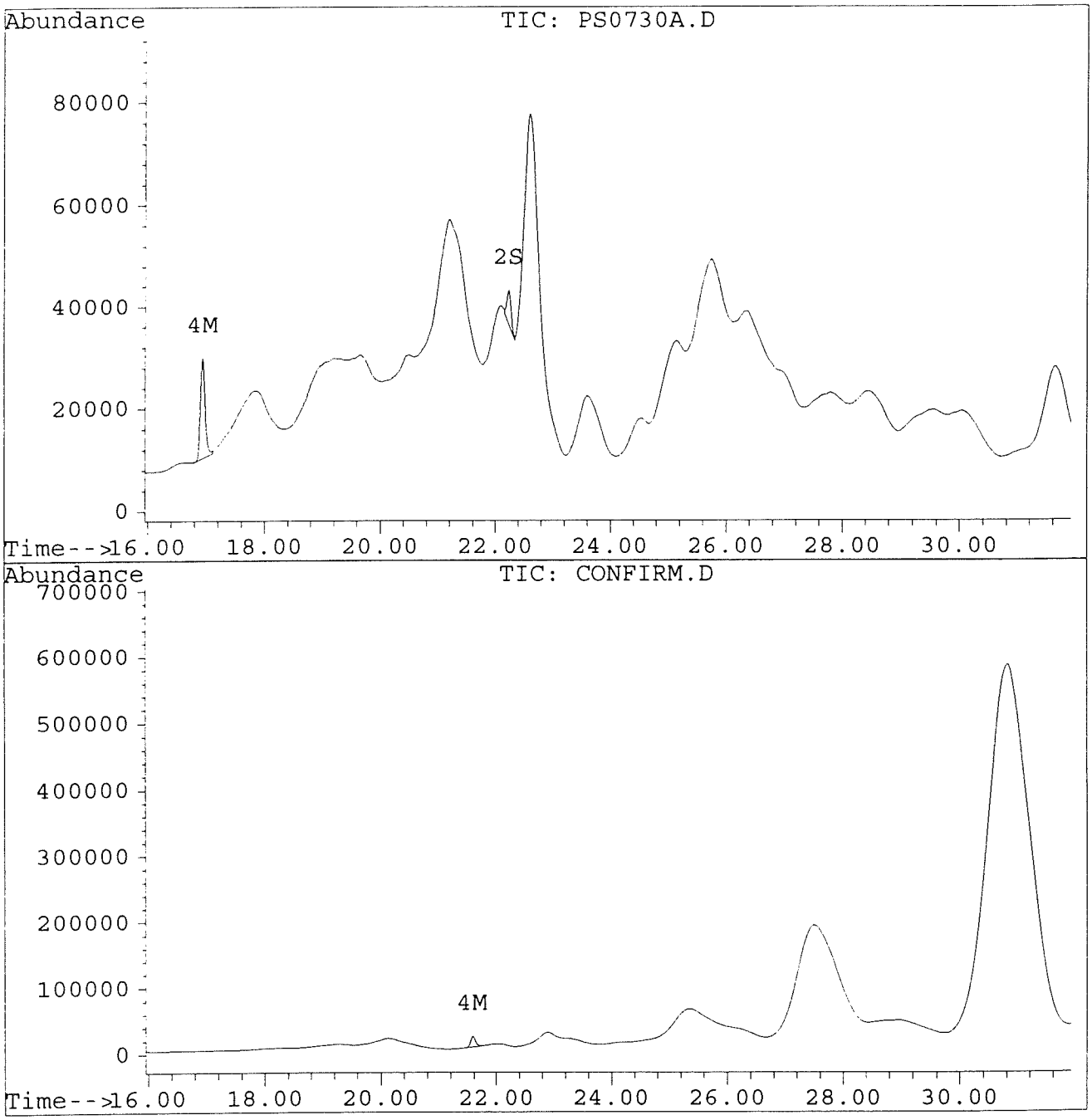


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730A.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL30\PS0730A.D\CONFIRM.D
Acq On : 30 Jul 96 08:37 PM Operator: JS
Sample : PCB COGENERS 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\PS0730B.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL30\PS0730B.D\CONFIRM.D
Acq On : 30 Jul 96 09:13 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	4175	3292	0.019	0.019m
				Recovery	=	47.50%	47.50%
2) S	Decachlorobiphenyl	22.24	0.00	4704	0	0.024m	N.D. #
				Recovery	=	60.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.67	314	426	0.003	0.005 #
4) M	2,2',3,3',4,4'-Hexa	16.94	21.60	8618	4007	0.048	0.029 #
5) L1	Aroclor-1016	6.81	8.82	163	473	0.005	0.038 #
6) L1	Aroclor-1016 {2}	8.94	10.33	88	473	0.006	0.019 #
7) L1	Aroclor-1016 {3}	9.30f	0.00	5603	0	0.233	N.D. #
Total	Aroclor-1016			5854	946	0.244	0.057
Average	Aroclor-1016					0.081	0.029
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}	5.69	8.82	67	473	0.003	0.031 #
Total	Aroclor-1221			67	473	0.003	0.031
Average	Aroclor-1221					0.003	0.031
11) L3	Aroclor-1232	5.69	8.82	67	473	0.004	0.033 #
12) L3	Aroclor-1232 {2}	6.81	10.33	163	473	0.012	0.039 #
13) L3	Aroclor-1232 {3}	8.61	0.00	107	0	0.013	N.D. #
Total	Aroclor-1232			337	946	0.029	0.072
Average	Aroclor-1232					0.010	0.036
14) L4	Aroclor-1242	8.22	11.67	314	426	0.008	0.015 #
15) L4	Aroclor-1242 {2}	8.94	0.00	88	0	0.007	N.D. #
16) L4	Aroclor-1242 {3}	10.07	14.02	2652	3336	0.164	0.273 #
Total	Aroclor-1242			3054	3761	0.179	0.288
Average	Aroclor-1242					0.060	0.144
17) L5	Aroclor-1248	9.30	14.97	5603	4323	0.182	0.197
18) L5	Aroclor-1248 {2}	10.07	15.19	2652	2074	0.102	0.091
19) L5	Aroclor-1248 {3}	11.36f	16.20	10529	764	0.310	0.044 #
Total	Aroclor-1248			18784	7161	0.593	0.332
Average	Aroclor-1248					0.198	0.111

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

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730B.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730B.D\CONFIRM.D
Acq On : 30 Jul 96 09:13 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:34 1996

Vial: 12

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	15.48	9898	8900	0.337	0.367
21) L6 Aroclor-1254 {2}	13.43	15.72	14186	9267	0.347	0.347
22) L6 Aroclor-1254 {3}	15.82	17.58	13105	11935	0.430	0.321 #
Total Aroclor-1254			37190	30102	1.114	1.035
Average Aroclor-1254					0.371	0.345
23) L7 Aroclor-1260	13.92	18.21	6512	4802	0.206	0.170
24) L7 Aroclor-1260 {2}	14.71	18.53	6415	6150	0.174	0.189
25) L7 Aroclor-1260 {3}	17.91	0.00	6205	0	0.120	N.D. #
Total Aroclor-1260			19132	10952	0.499	0.359
Average Aroclor-1260					0.166	0.180
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	5055	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\JL30\PS0730B.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730B.D\CONFIRM.D
Acq On : 30 Jul 96 09:13 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:34 1996

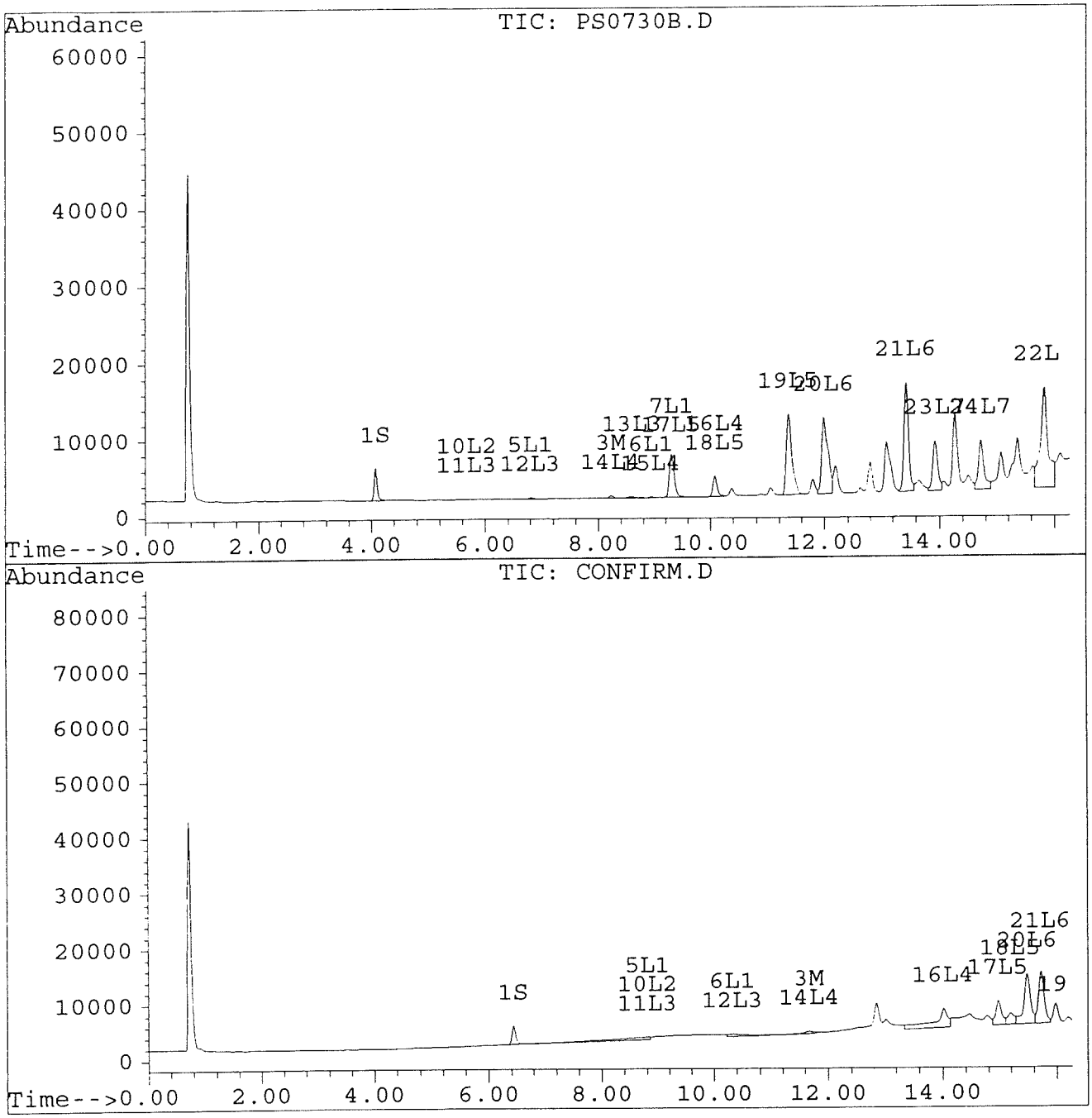
Vial: 12

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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



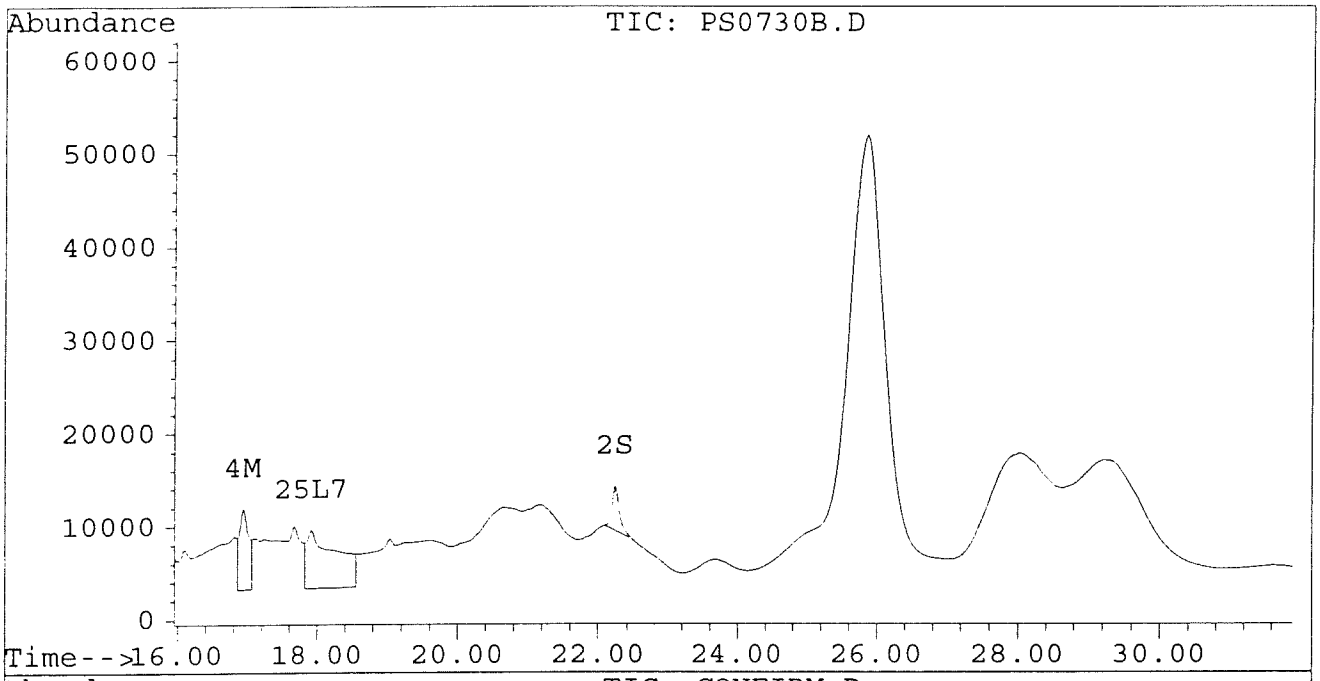
513

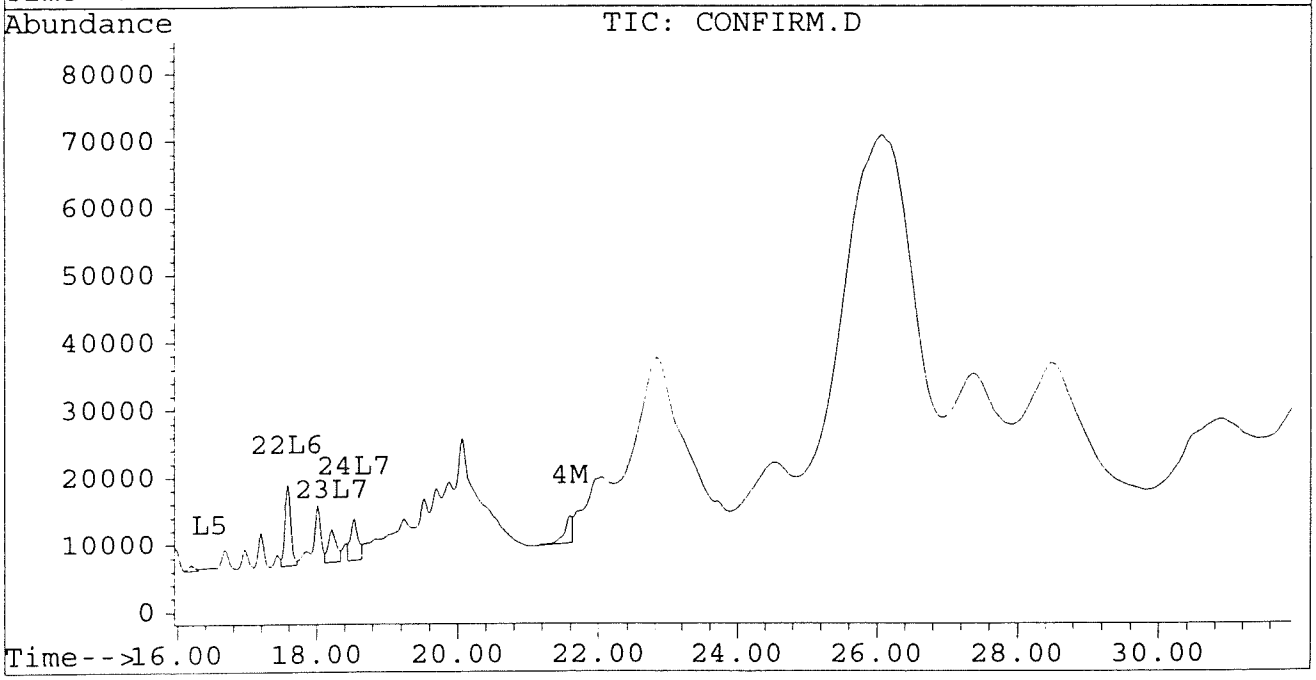
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730B.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL30\PS0730B.D\CONFIRM.D
Acq On : 30 Jul 96 09:13 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:34 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\PS0730C.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL30\PS0730C.D\CONFIRM.D
Acq On : 30 Jul 96 09:49 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	3767	3066	0.017	0.018m
				Recovery	=	42.50%	45.00%
2) S	Decachlorobiphenyl	22.23	0.00	3525	0	0.018m	N.D. #
				Recovery	=	45.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.67	12693	8922	0.114	0.094
4) M	2,2',3,3',4,4'-Hexa	16.94	0.00	850	0	0.005	N.D. #
5) L1	Aroclor-1016	6.80	8.80	7273	3305	0.242	0.268
6) L1	Aroclor-1016 (2)	8.94	10.33	3649	6082	0.233	0.241
7) L1	Aroclor-1016 (3)	9.33	12.26	5866	3609	0.244	0.228
	Total Aroclor-1016			16788	12996	0.719	0.737
	Average Aroclor-1016					0.240	0.246
8) L2	Aroclor-1221	5.09	8.03	605	495	0.086	0.081
9) L2	Aroclor-1221 (2)	5.51	8.57	857	708	0.147	0.145
10) L2	Aroclor-1221 (3)	5.68	8.80	4139	3305	0.205	0.215
	Total Aroclor-1221			5602	4508	0.438	0.441
	Average Aroclor-1221					0.146	0.147
11) L3	Aroclor-1232	5.68	8.80	4139	3305	0.227	0.231
12) L3	Aroclor-1232 (2)	6.80	10.33	7273	6082	0.533	0.506
13) L3	Aroclor-1232 (3)	8.61	12.26	4631	3609	0.559	0.520
	Total Aroclor-1232			16043	12996	1.319	1.257
	Average Aroclor-1232					0.440	0.419
14) L4	Aroclor-1242	8.22	11.67	12693	8922	0.312	0.309
15) L4	Aroclor-1242 (2)	8.94	12.26	3649	3609	0.300	0.288
16) L4	Aroclor-1242 (3)	10.08	14.02	4948	4163	0.306	0.341
	Total Aroclor-1242			21291	16693	0.917	0.937
	Average Aroclor-1242					0.306	0.312
17) L5	Aroclor-1248	9.33	14.97	5866	4914	0.190	0.224
18) L5	Aroclor-1248 (2)	10.08	15.19	4948	6040	0.190	0.266 #
19) L5	Aroclor-1248 (3)	11.41	16.20	5726	8947	0.168	0.510 #
	Total Aroclor-1248			16539	19902	0.549	0.999
	Average Aroclor-1248					0.183	0.333

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730C.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL30\PS0730C.D\CONFIRM.D
Acq On : 30 Jul 96 09:49 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.49	0	3871	N.D.	0.160 #
21) L6	Aroclor-1254 {2}	13.43	15.74	1253	4857	0.031	0.182 #
22) L6	Aroclor-1254 {3}	15.82	17.58	443	10336	0.015	0.278 #
Total	Aroclor-1254			1695	19063	0.045	0.619
Average	Aroclor-1254					0.023	0.206
23) L7	Aroclor-1260	13.91	0.00	694	0	0.022	N.D. #
24) L7	Aroclor-1260 {2}	14.71	0.00	137	0	0.004	N.D. #
25) L7	Aroclor-1260 {3}	17.91	21.93	615	2303	0.012	0.047 #
Total	Aroclor-1260			1446	2303	0.038	0.047
Average	Aroclor-1260					0.013	0.047
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.04	0.00	485	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.84	0.00	2638	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

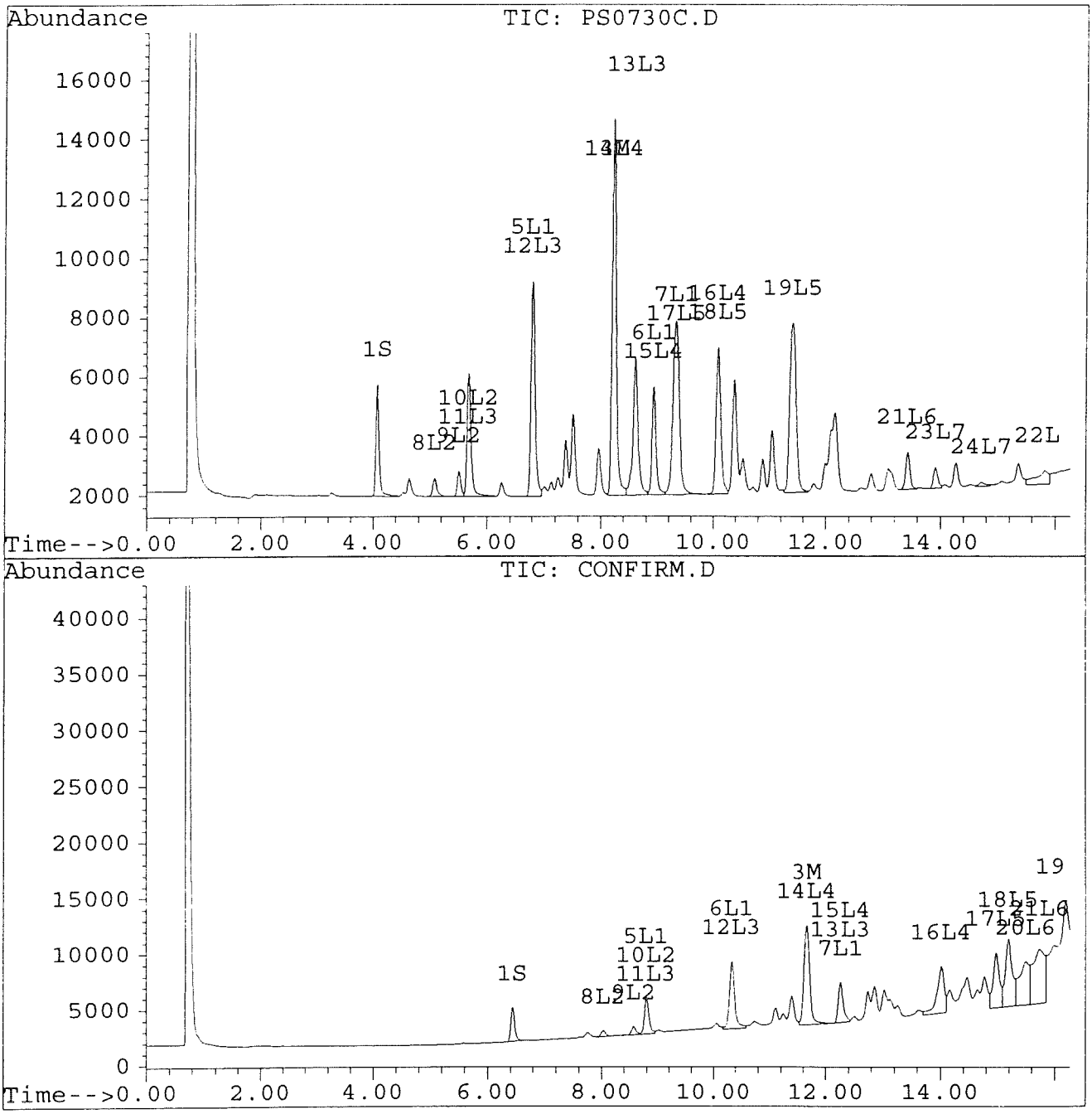
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730C.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL30\PS0730C.D\CONFIRM.D
Acq On : 30 Jul 96 09:49 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\PS0730C.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730C.D\CONFIRM.D
Acq On : 30 Jul 96 09:49 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:35 1996

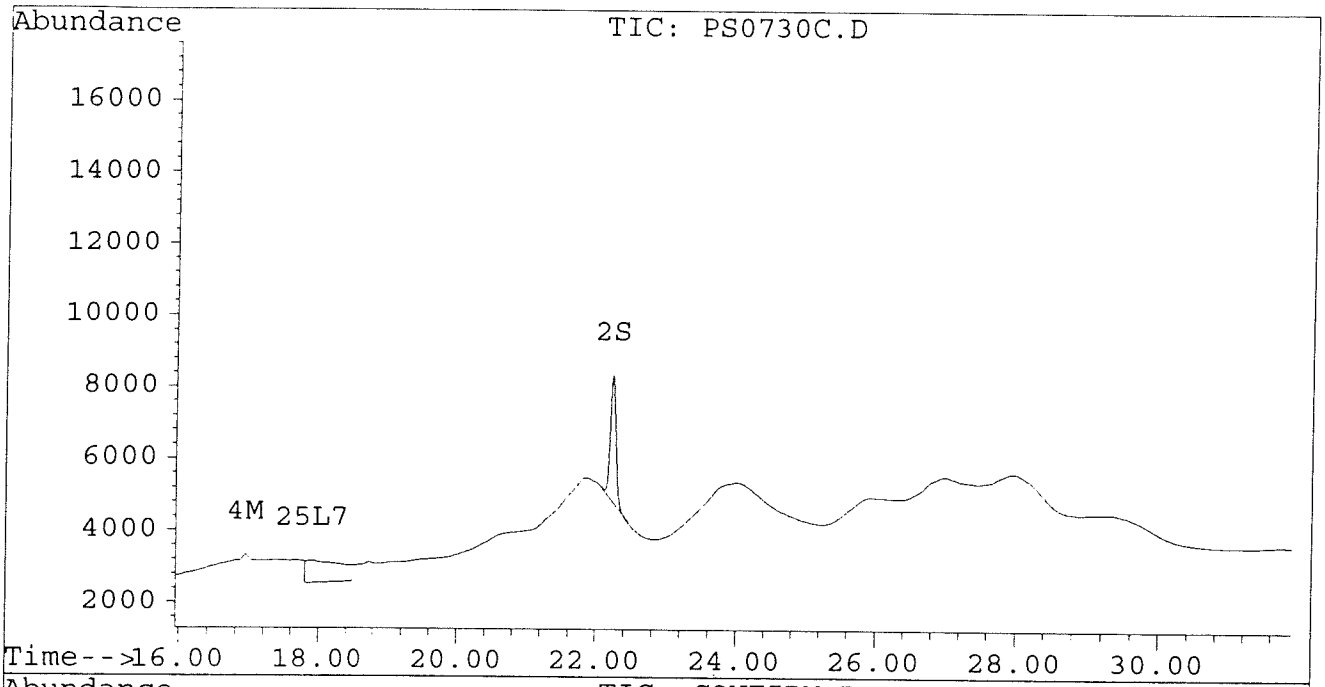
Vial: 13

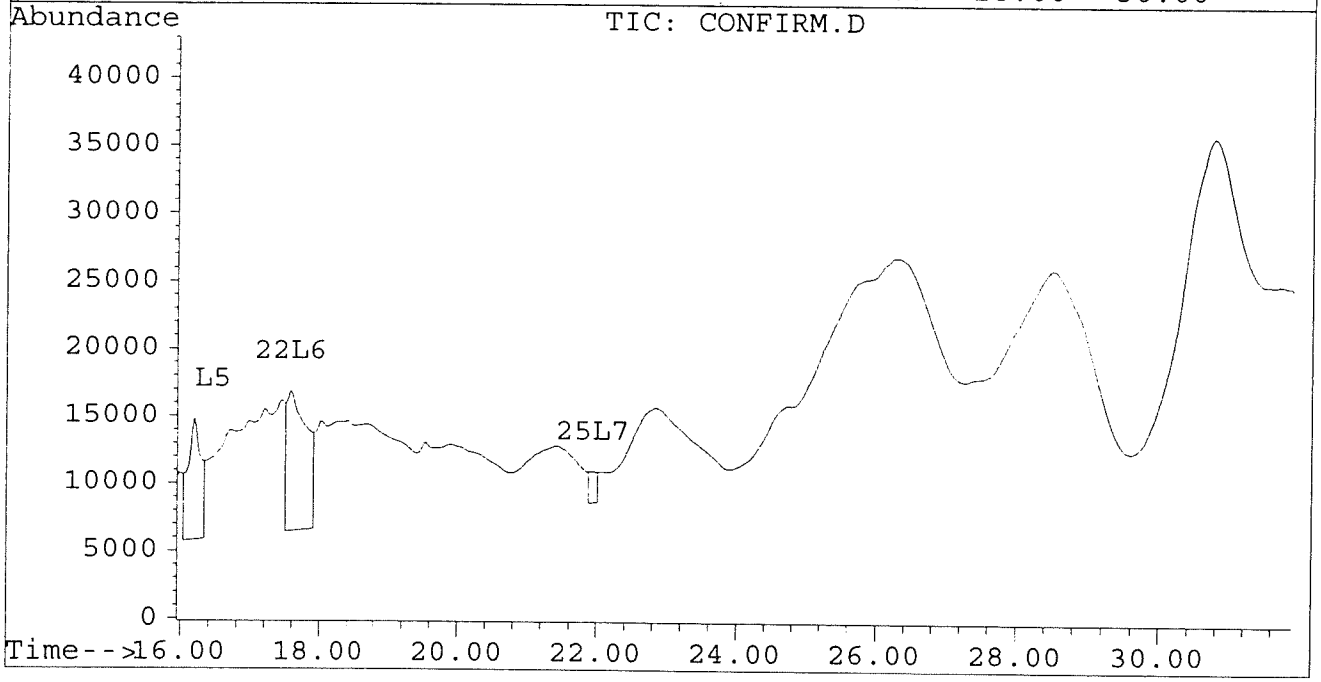
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730E.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL30\PS0730E.D\CONFIRM.D
Acq On : 31 Jul 96 04:55 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	4529	3486	0.020	0.020
				Recovery	=	50.00%	50.00%
2) S	Decachlorobiphenyl	22.23	30.45	4010	1659	0.020m	0.019m
				Recovery	=	50.00%	47.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.66	324	238	0.003	0.003
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	3215	2275	0.018	0.016
5) L1	Aroclor-1016	6.80	8.80	173	62	0.006	0.005
6) L1	Aroclor-1016 {2}	8.94	10.33	94	150	0.006	0.006
7) L1	Aroclor-1016 {3}	9.29f	12.26	5830	76	0.242	0.005 #
Total	Aroclor-1016			6097	288	0.254	0.016
Average	Aroclor-1016					0.085	0.005
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	5.68	8.80	73	62	0.004	0.004
Total	Aroclor-1221			73	62	0.004	0.004
Average	Aroclor-1221					0.004	0.004
11) L3	Aroclor-1232	5.68	8.80	73	62	0.004	0.004
12) L3	Aroclor-1232 {2}	6.80	10.33	173	150	0.013	0.012
13) L3	Aroclor-1232 {3}	8.60	12.26	114	76	0.014	0.011
Total	Aroclor-1232			360	288	0.030	0.028
Average	Aroclor-1232					0.010	0.009
14) L4	Aroclor-1242	8.22	11.66	324	238	0.008	0.008
15) L4	Aroclor-1242 {2}	8.94	12.26	94	76	0.008	0.006
16) L4	Aroclor-1242 {3}	10.07	14.02	2778	2323	0.172	0.190
Total	Aroclor-1242			3196	2638	0.187	0.205
Average	Aroclor-1242					0.062	0.068
17) L5	Aroclor-1248	9.29	14.97	5830	3546	0.189	0.162
18) L5	Aroclor-1248 {2}	10.07	15.19	2778	1115	0.107	0.049 #
19) L5	Aroclor-1248 {3}	11.36f	16.20	10866	726	0.320	0.041 #
Total	Aroclor-1248			19474	5387	0.615	0.252
Average	Aroclor-1248					0.205	0.084

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730E.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730E.D\CONFIRM.D
Acq On : 31 Jul 96 04:55 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:35 1996

Vial: 12

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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	15.48	10220	8056	0.348	0.332
21) L6 Aroclor-1254 {2}	13.42	15.72	14483	8938	0.354	0.335
22) L6 Aroclor-1254 {3}	15.81	17.58	10701	12626	0.351	0.339
Total Aroclor-1254			35404	29620	1.053	1.006
Average Aroclor-1254					0.351	0.335
23) L7 Aroclor-1260	13.92	18.21	6499	4384	0.206	0.155
24) L7 Aroclor-1260 {2}	14.71	18.53	5934	5031	0.161	0.155
25) L7 Aroclor-1260 {3}	17.91	21.95	1463	1340	0.028	0.028
Total Aroclor-1260			13897	10755	0.395	0.338
Average Aroclor-1260					0.132	0.113
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.03	0.00	950	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.83	0.00	113	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\JL30\PS0730E.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730E.D\CONFIRM.D
Acq On : 31 Jul 96 04:55 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:35 1996

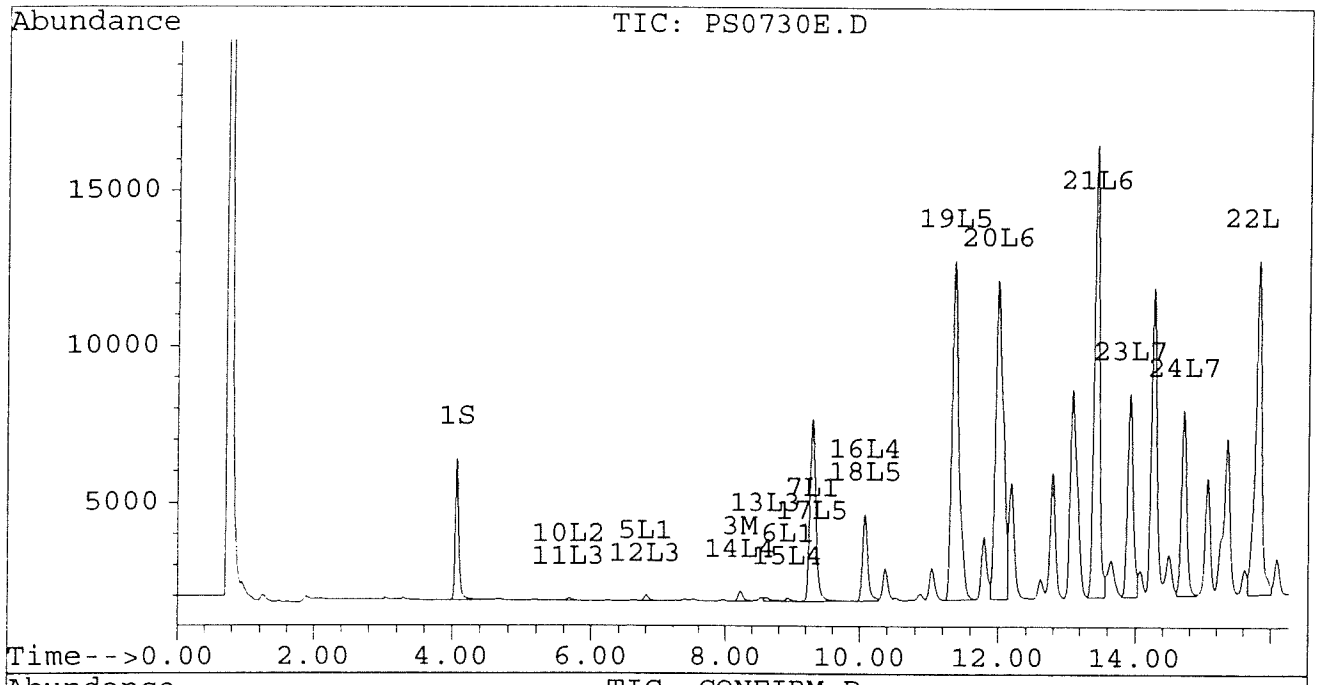
Vial: 12

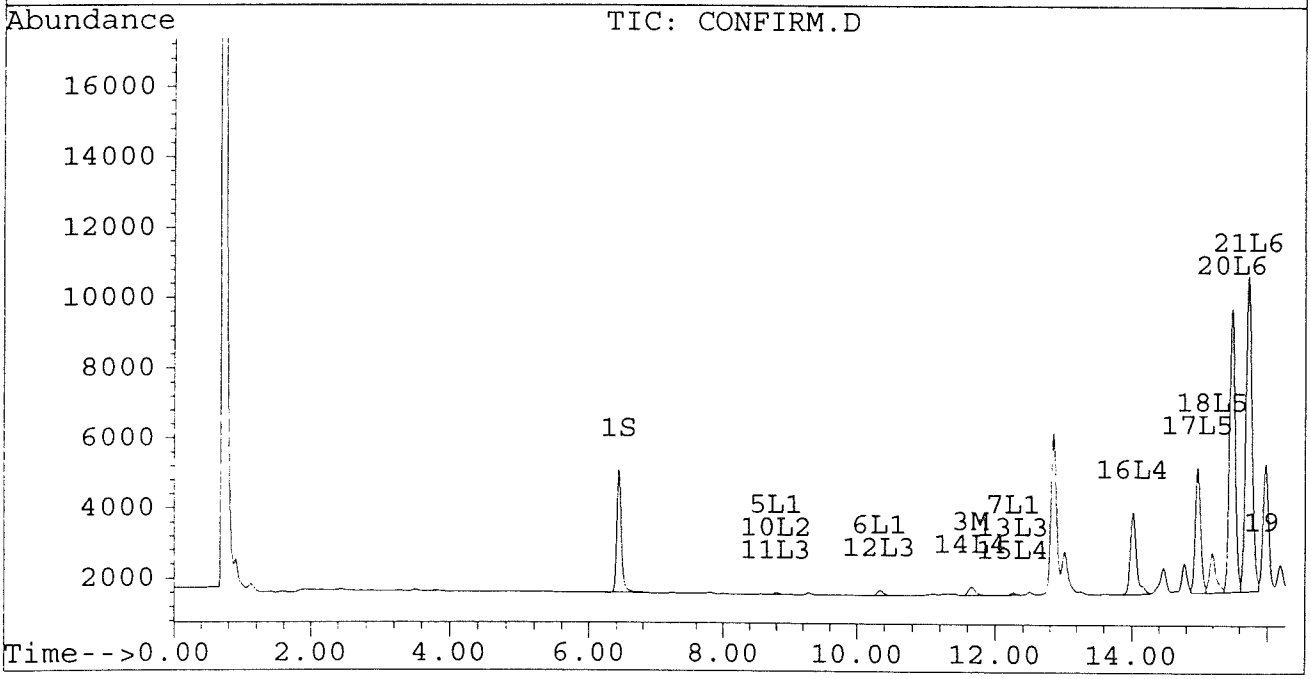
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





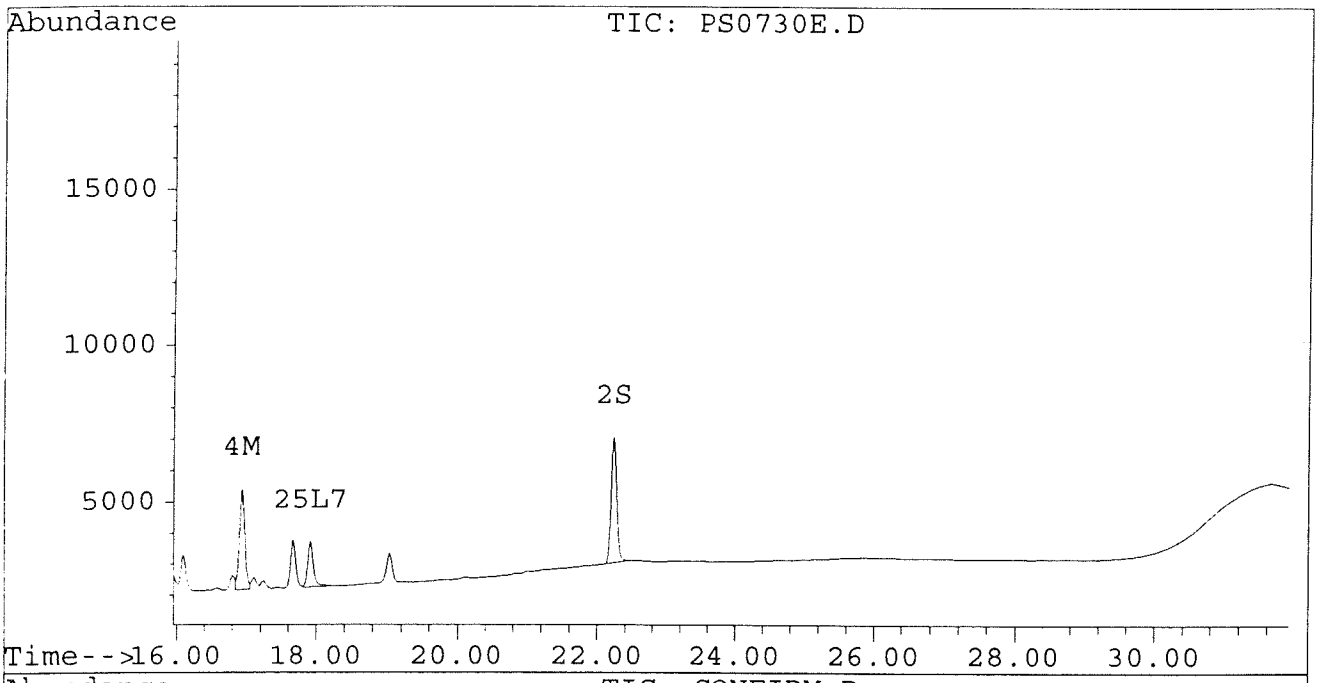
Quantitation Report

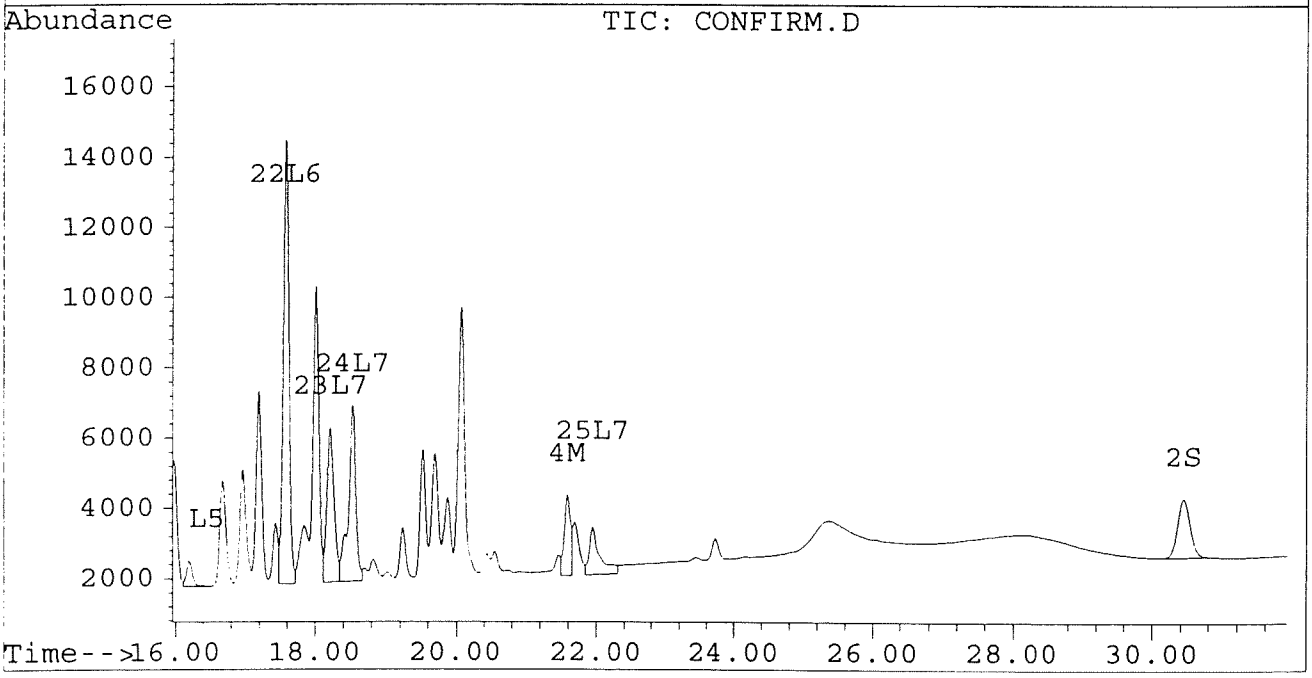
Signal #1 : D:\HPCHEM\5\JL30\PS0730E.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730E.D\CONFIRM.D
Acq On : 31 Jul 96 04:55 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:35 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730F.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL30\PS0730F.D\CONFIRM.D
Acq On : 31 Jul 96 05:30 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.44	4382	3399	0.020	0.020
				Recovery	=	50.00%	50.00%
2) S	Decachlorobiphenyl	22.23	30.45	3848	1612	0.020	0.019m
				Recovery	=	50.00%	47.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.22	11.66	13604	9521	0.123	0.101
4) M	2,2',3,3',4,4'-Hexa	16.94	0.00	187	0	0.001	N.D. #
5) L1	Aroclor-1016	6.80	8.80	7778	3676	0.259	0.298
6) L1	Aroclor-1016 (2)	8.93	10.33	3934	6527	0.252	0.259
7) L1	Aroclor-1016 (3)	9.33	12.26	6236	4128	0.259	0.261
	Total Aroclor-1016			17949	14331	0.770	0.817
	Average Aroclor-1016					0.257	0.272
8) L2	Aroclor-1221	5.08	8.03	668	590	0.095	0.096
9) L2	Aroclor-1221 (2)	5.51	8.57	947	802	0.162	0.164
10) L2	Aroclor-1221 (3)	5.68	8.80	4508	3676	0.223	0.239
	Total Aroclor-1221			6123	5067	0.481	0.500
	Average Aroclor-1221					0.160	0.167
11) L3	Aroclor-1232	5.68	8.80	4508	3676	0.247	0.257
12) L3	Aroclor-1232 (2)	6.80	10.33	7778	6527	0.570	0.543
13) L3	Aroclor-1232 (3)	8.61	12.26	4965	4128	0.600	0.595
	Total Aroclor-1232			17251	14331	1.417	1.395
	Average Aroclor-1232					0.472	0.465
14) L4	Aroclor-1242	8.22	11.66	13604	9521	0.334	0.330
15) L4	Aroclor-1242 (2)	8.93	12.26	3934	4128	0.323	0.329
16) L4	Aroclor-1242 (3)	10.08	14.02	5271	3957	0.325	0.324
	Total Aroclor-1242			22809	17606	0.982	0.983
	Average Aroclor-1242					0.327	0.328
17) L5	Aroclor-1248	9.33	14.97	6236	3911	0.202	0.178
18) L5	Aroclor-1248 (2)	10.08	15.19	5271	4527	0.203	0.199
19) L5	Aroclor-1248 (3)	11.40	16.19	6166	3407	0.181	0.194
	Total Aroclor-1248			17673	11844	0.586	0.572
	Average Aroclor-1248					0.195	0.191

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730F.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL30\PS0730F.D\CONFIRM.D
Acq On : 31 Jul 96 05:30 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.49	0	971	N.D.	0.040 #
21) L6	Aroclor-1254 {2}	13.43	15.73	1363	1067	0.033	0.040
22) L6	Aroclor-1254 {3}	15.82	17.58	195	1215	0.006	0.033 #
Total	Aroclor-1254			1558	3253	0.040	0.113
Average	Aroclor-1254					0.020	0.038
23) L7	Aroclor-1260	13.91	18.21	777	94	0.025	0.003 #
24) L7	Aroclor-1260 {2}	14.71	0.00	134	0	0.004	N.D. #
25) L7	Aroclor-1260 {3}	17.92	0.00	27	0	0.001	N.D. #
Total	Aroclor-1260			939	94	0.029	0.003
Average	Aroclor-1260					0.010	0.003
26) L8	Aroclor-1268	0.00	23.29	0	669	N.D.	0.156 #
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	669	N.D.	0.156
Average	Aroclor-1268					0.000	0.156

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730F.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730F.D\CONFIRM.D
Acq On : 31 Jul 96 05:30 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:36 1996

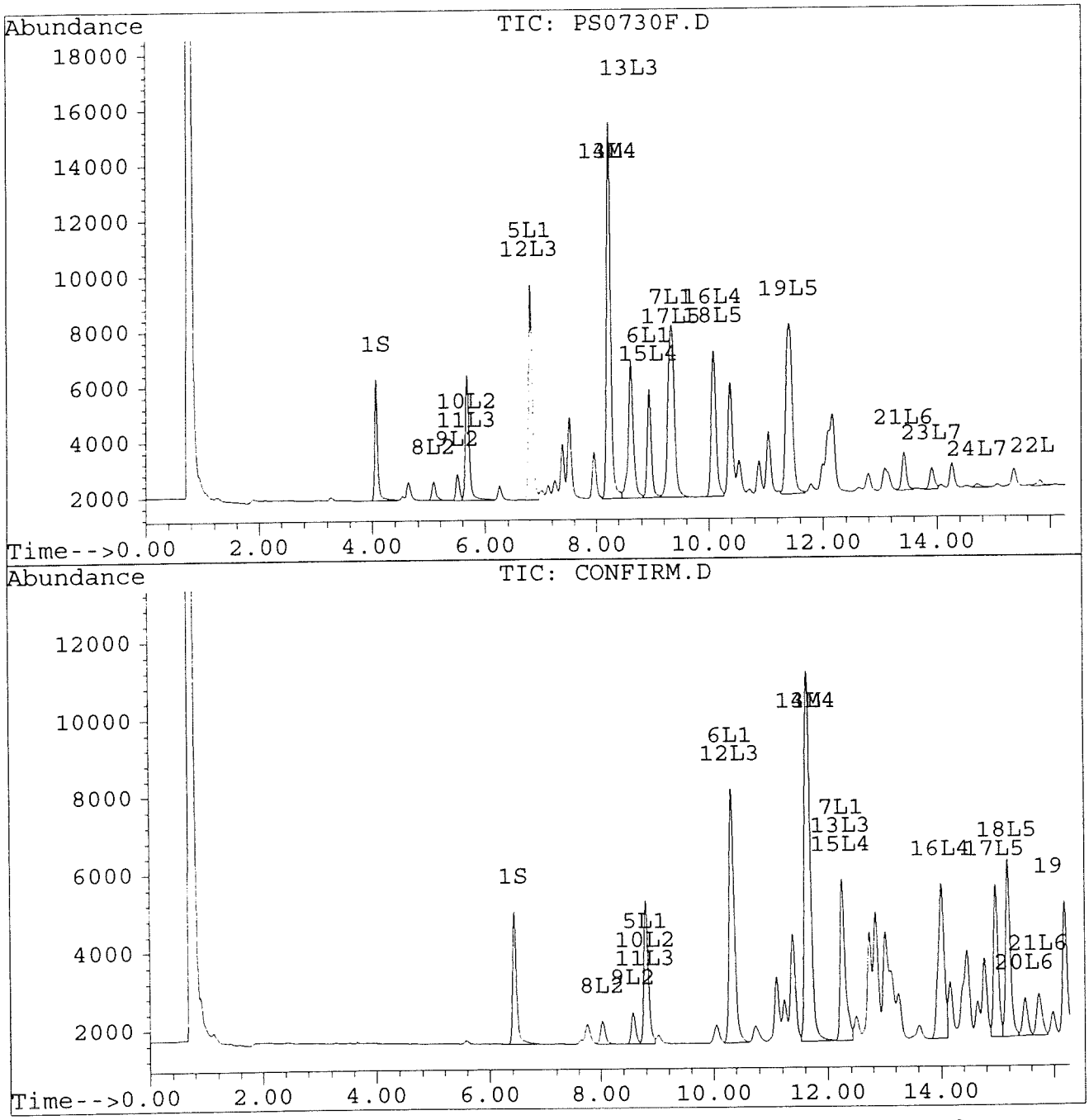
Vial: 13

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730F.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730F.D\CONFIRM.D
Acq On : 31 Jul 96 05:30 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:36 1996

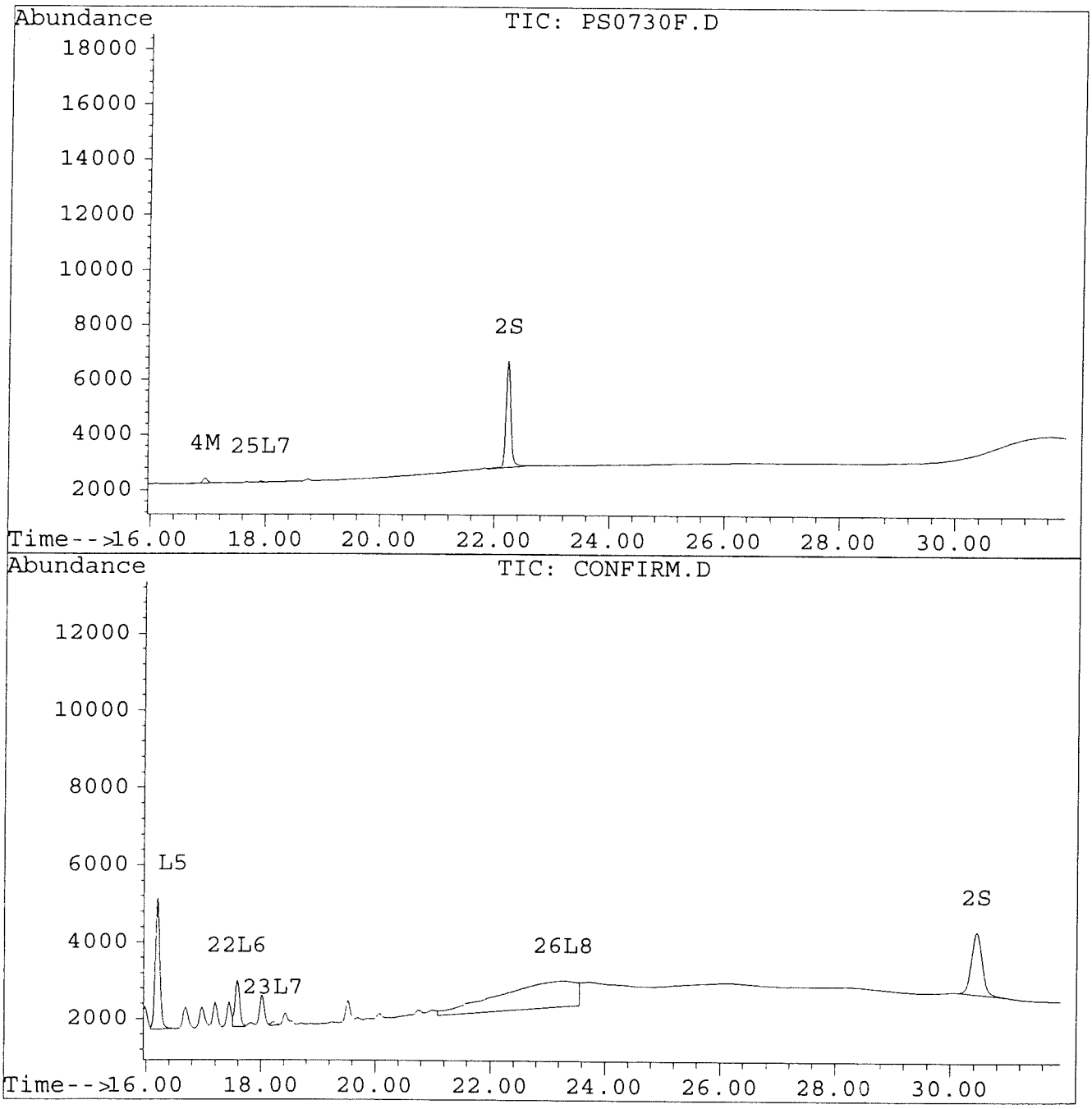
Vial: 13

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730H.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730H.D\CONFIRM.D
Acq On : 31 Jul 96 09:24 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 31 10:41 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	4.08	6.45	4442	3559	0.020	0.021
				Recovery	=	50.00%	52.50%
2) S	Decachlorobiphenyl	22.25	30.46	3725	1240	0.019m	0.014
				Recovery	=	47.50%	35.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.66	337	263	0.003	0.003
4) M	2,2',3,3',4,4'-Hexa	16.95	21.59	3096	1953	0.017	0.014
5) L1	Aroclor-1016	6.82	8.81	180	70	0.006	0.006
6) L1	Aroclor-1016 (2)	8.95	10.33	97	148	0.006	0.006
7) L1	Aroclor-1016 (3)	9.31	12.26	5891	62	0.245	0.004 #
	Total Aroclor-1016			6167	281	0.257	0.015
	Average Aroclor-1016					0.086	0.005
8) L2	Aroclor-1221	5.04f	0.00	16	0	0.002	N.D. #
9) L2	Aroclor-1221 (2)	0.00	8.57	0	20	N.D.	0.004 #
10) L2	Aroclor-1221 (3)	5.70	8.81	77	70	0.004	0.005
	Total Aroclor-1221			93	90	0.006	0.009
	Average Aroclor-1221					0.003	0.004
11) L3	Aroclor-1232	5.70	8.81	77	70	0.004	0.005
12) L3	Aroclor-1232 (2)	6.82	10.33	180	148	0.013	0.012
13) L3	Aroclor-1232 (3)	8.62	12.26	124	62	0.015	0.009 #
	Total Aroclor-1232			381	281	0.032	0.026
	Average Aroclor-1232					0.011	0.009
14) L4	Aroclor-1242	8.23	11.66	337	263	0.008	0.009
15) L4	Aroclor-1242 (2)	8.95	12.26	97	62	0.008	0.005 #
16) L4	Aroclor-1242 (3)	10.08	14.02	2801	2187	0.173	0.179
	Total Aroclor-1242			3235	2513	0.189	0.193
	Average Aroclor-1242					0.063	0.064
17) L5	Aroclor-1248	9.31	14.97	5891	3306	0.191	0.151
18) L5	Aroclor-1248 (2)	10.08	15.19	2801	1023	0.108	0.045 #
19) L5	Aroclor-1248 (3)	11.37	16.20	10828	671	0.319	0.038 #
	Total Aroclor-1248			19519	5000	0.617	0.234
	Average Aroclor-1248					0.206	0.078

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730H.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730H.D\CONFIRM.D
Acq On : 31 Jul 96 09:24 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 31 10:41 1996

Vial: 12

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.00	15.48	9969	7307	0.340	0.301
21) L6	Aroclor-1254 {2}	13.44	15.73	13913	8191	0.340	0.307
22) L6	Aroclor-1254 {3}	15.83	17.58	10091	11266	0.331	0.303
Total	Aroclor-1254			33973	26764	1.011	0.911
Average	Aroclor-1254					0.337	0.304
23) L7	Aroclor-1260	13.93	18.22	6011	3933	0.190	0.139 #
24) L7	Aroclor-1260 {2}	14.72	18.53	5744	4476	0.155	0.138
25) L7	Aroclor-1260 {3}	17.93	21.95	1529	1054	0.029	0.022 #
Total	Aroclor-1260			13284	9463	0.375	0.299
Average	Aroclor-1260					0.125	0.100
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.05	0.00	1265	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.83	0.00	2985	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

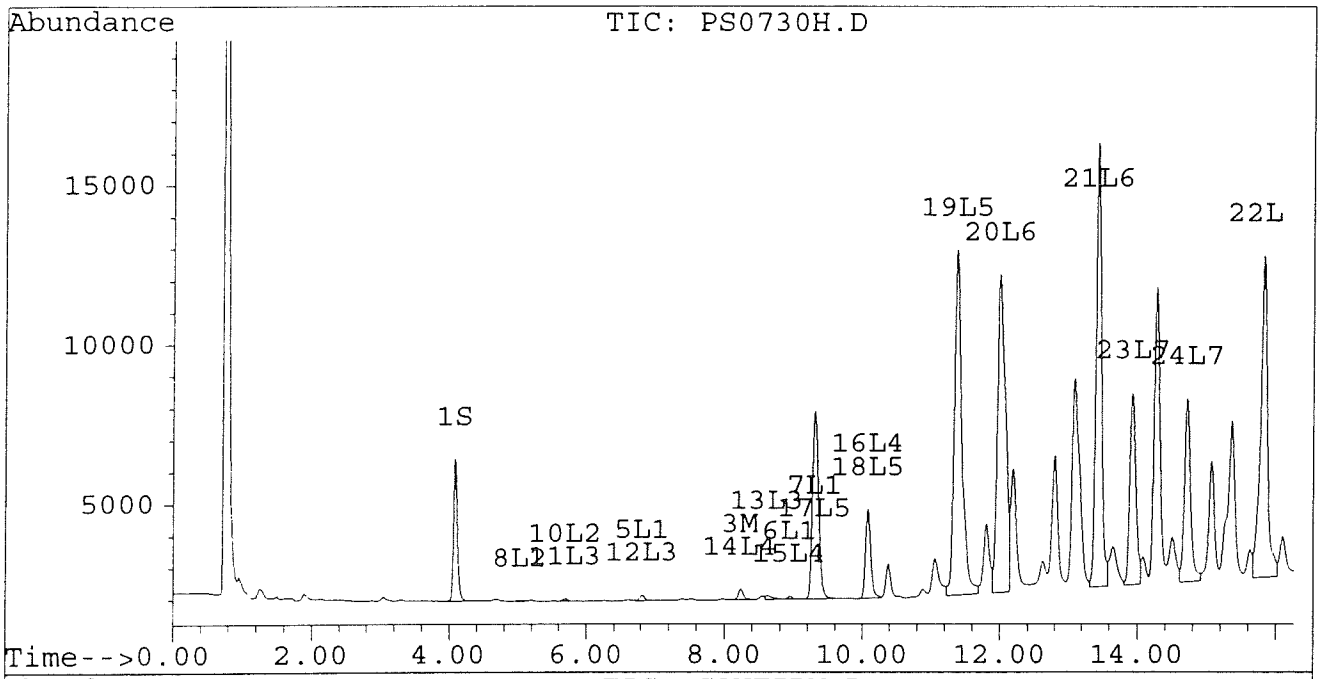
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

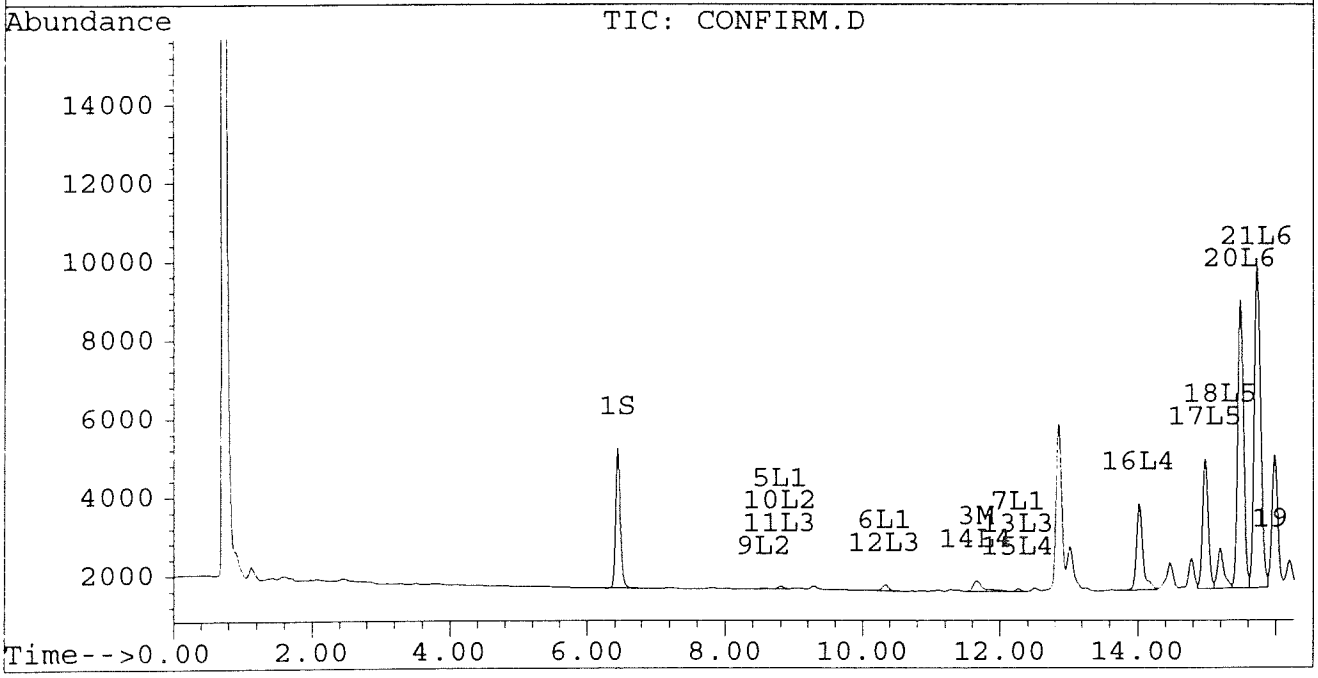
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730H.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL30\PS0730H.D\CONFIRM.D
Acq On : 31 Jul 96 09:24 AM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Jul 31 10:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\PS0730H.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730H.D\CONFIRM.D
Acq On : 31 Jul 96 09:24 AM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Jul 31 10:41 1996

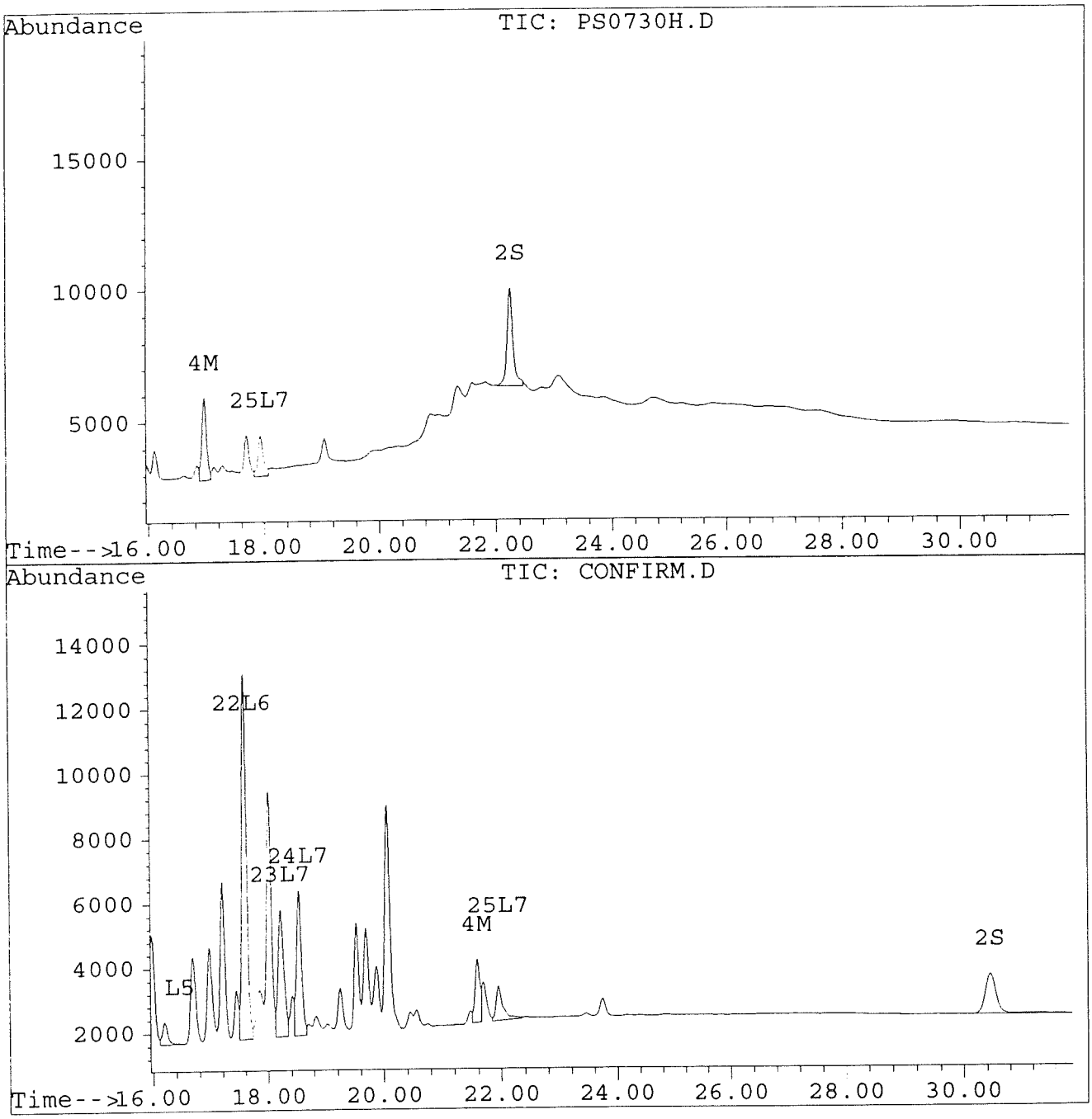
Vial: 12

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730I.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL30\PS0730I.D\CONFIRM.D
Acq On : 31 Jul 96 10:00 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:37 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	4.08	6.45	4719	3806	0.021	0.022
					Recovery	=	52.50%	55.00%
2)	S	Decachlorobiphenyl	22.25	30.46	3228	1221	0.016m	0.014
					Recovery	=	40.00%	35.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.23	11.67	15184	10329	0.137	0.109
4)	M	2,2',3,3',4,4'-Hexa	16.95	0.00	196	0	0.001	N.D. #
5)	L1	Aroclor-1016	6.81	8.81	8658	4033	0.288	0.327
6)	L1	Aroclor-1016 {2}	8.95	10.33	4384	6953	0.280	0.276
7)	L1	Aroclor-1016 {3}	9.34	12.26	6781	4323	0.282	0.273
	Total	Aroclor-1016			19823	15309	0.850	0.875
	Average	Aroclor-1016					0.283	0.292
8)	L2	Aroclor-1221	5.10	8.04	764	643	0.109	0.105
9)	L2	Aroclor-1221 {2}	5.53	8.58	1072	880	0.184	0.180
10)	L2	Aroclor-1221 {3}	5.69	8.81	5086	4033	0.252	0.263
	Total	Aroclor-1221			6922	5556	0.544	0.548
	Average	Aroclor-1221					0.181	0.183
11)	L3	Aroclor-1232	5.69	8.81	5086	4033	0.279	0.281
12)	L3	Aroclor-1232 {2}	6.81	10.33	8658	6953	0.634	0.579
13)	L3	Aroclor-1232 {3}	8.62	12.26	5521	4323	0.667	0.623
	Total	Aroclor-1232			19265	15309	1.580	1.484
	Average	Aroclor-1232					0.527	0.495
14)	L4	Aroclor-1242	8.23	11.67	15184	10329	0.373	0.358
15)	L4	Aroclor-1242 {2}	8.95	12.26	4384	4323	0.360	0.345
16)	L4	Aroclor-1242 {3}	10.09	14.02	5749	3910	0.355	0.320
	Total	Aroclor-1242			25317	18562	1.088	1.022
	Average	Aroclor-1242					0.363	0.341
17)	L5	Aroclor-1248	9.34	14.98	6781	3872	0.220	0.177
18)	L5	Aroclor-1248 {2}	10.09	15.19	5749	4448	0.221	0.196
19)	L5	Aroclor-1248 {3}	11.42	16.20	6657	3343	0.196	0.190
	Total	Aroclor-1248			19187	11663	0.636	0.563
	Average	Aroclor-1248					0.212	0.188

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730I.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL30\PS0730I.D\CONFIRM.D
Acq On : 31 Jul 96 10:00 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:37 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.49	0	926	N.D.	0.038 #
21) L6	Aroclor-1254 {2}	13.44	15.73	1387	1034	0.034	0.039
22) L6	Aroclor-1254 {3}	15.83	17.59	192	1170	0.006	0.031 #
Total	Aroclor-1254			1580	3130	0.040	0.108
Average	Aroclor-1254					0.020	0.036
23) L7	Aroclor-1260	13.92	18.22	773	150	0.025	0.005 #
24) L7	Aroclor-1260 {2}	14.72	18.53	133	164	0.004	0.005 #
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			906	313	0.028	0.010
Average	Aroclor-1260					0.014	0.005
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

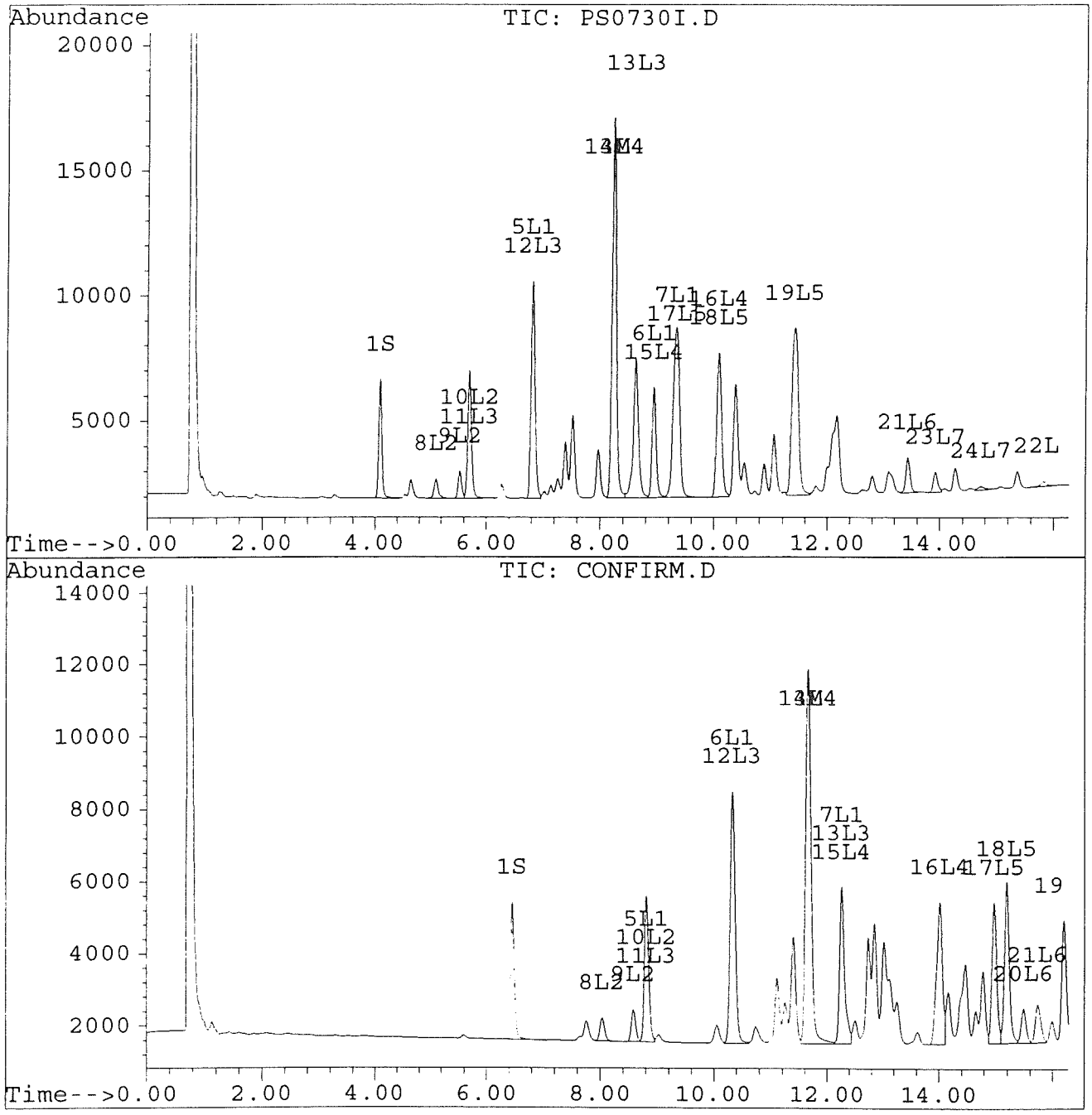
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730I.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL30\PS0730I.D\CONFIRM.D
Acq On : 31 Jul 96 10:00 AM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:37 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\PS0730I.D
Signal #2 : D:\HPCHEM\5\JL30\PS0730I.D\CONFIRM.D
Acq On : 31 Jul 96 10:00 AM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:37 1996

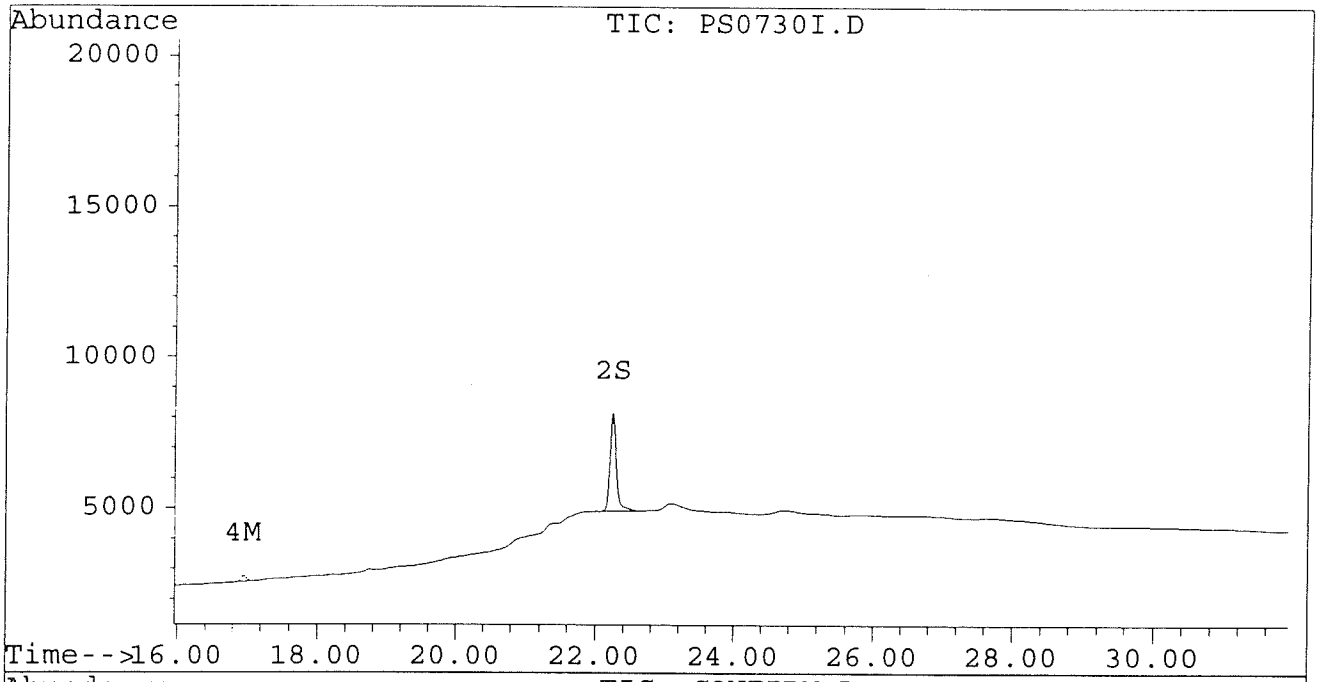
Vial: 13

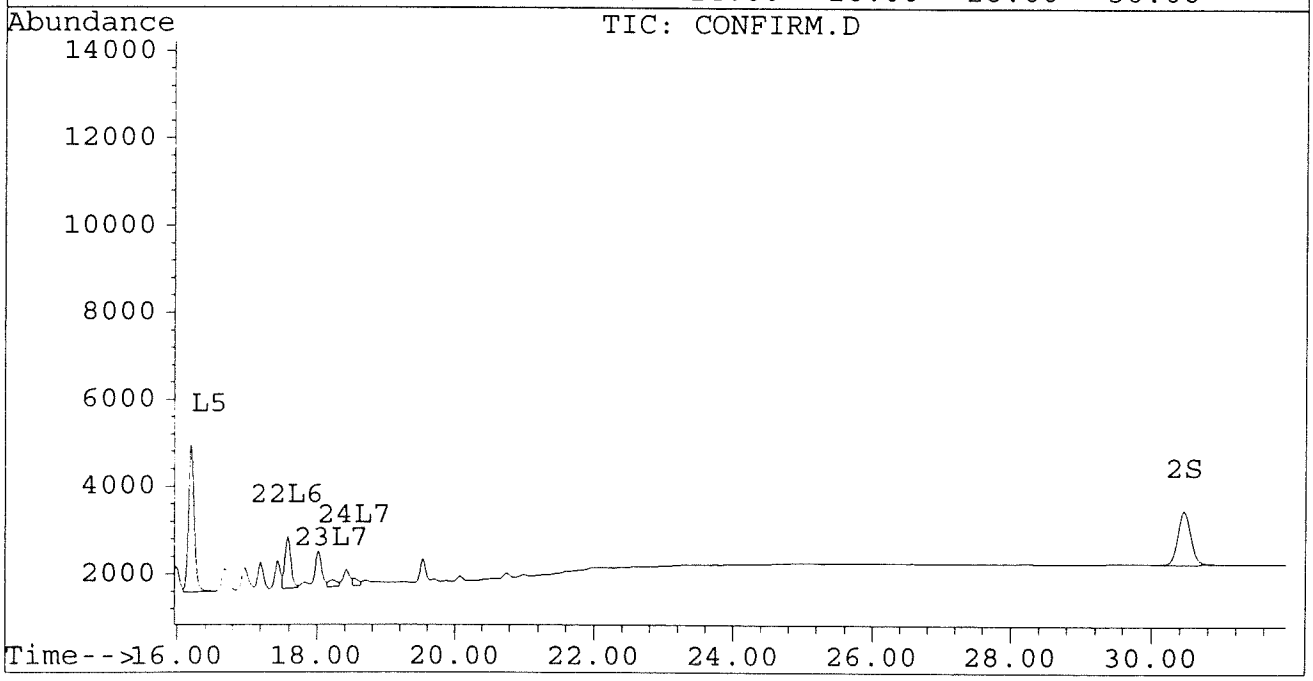
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730J.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL30\PS0730J.D\CONFIRM.D
Acq On : 31 Jul 96 10:36 AM Operator: JS
Sample : PCB COGENERS 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	4.08	6.45	12821	9755	0.057m	0.056m
					Recovery	=	142.50%	140.00%
2)	S	Decachlorobiphenyl	22.25	30.46	7272	3053	0.037m	0.036m
					Recovery	=	92.50%	90.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.24	11.69	14289	12722	0.129m	0.135m
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.59	20938	16949	0.117m	0.123m
5)	L1	Aroclor-1016	6.84f	0.00	135	0	0.004	N.D. #
6)	L1	Aroclor-1016 {2}	8.90f	0.00	250	0	0.016	N.D. #
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1016			384	0	0.020	N.D.
		Average Aroclor-1016					0.010	0.000
8)	L2	Aroclor-1221	5.08	0.00	99	0	0.014	N.D. #
9)	L2	Aroclor-1221 {2}	5.52	0.00	141	0	0.024	N.D. #
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1221			240	0	0.038	N.D.
		Average Aroclor-1221					0.019	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 {2}	6.84f	0.00	135	0	0.010	N.D. #
13)	L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1232			135	0	0.010	N.D.
		Average Aroclor-1232					0.010	0.000
14)	L4	Aroclor-1242	8.24	11.69	14512	12852	0.356	0.445
15)	L4	Aroclor-1242 {2}	8.90	0.00	250	0	0.021	N.D. #
16)	L4	Aroclor-1242 {3}	0.00	14.03	0	35	N.D.	0.003 #
		Total Aroclor-1242			14762	12886	0.377	0.448
		Average Aroclor-1242					0.188	0.224
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	11.40	0.00	170	0	0.005	N.D. #
		Total Aroclor-1248			170	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\JL30\PS0730J.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL30\PS0730J.D\CONFIRM.D
Acq On : 31 Jul 96 10:36 AM Operator: JS
Sample : PCB COGENERS 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	13.94	0.00	90	0	0.003	N.D. #
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			90	0	0.003	N.D.
Average	Aroclor-1260					0.003	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	23.56f	0	85	N.D.	NoCal
28) L8	Aroclor-1268 {3}	21.84	0.00	988	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

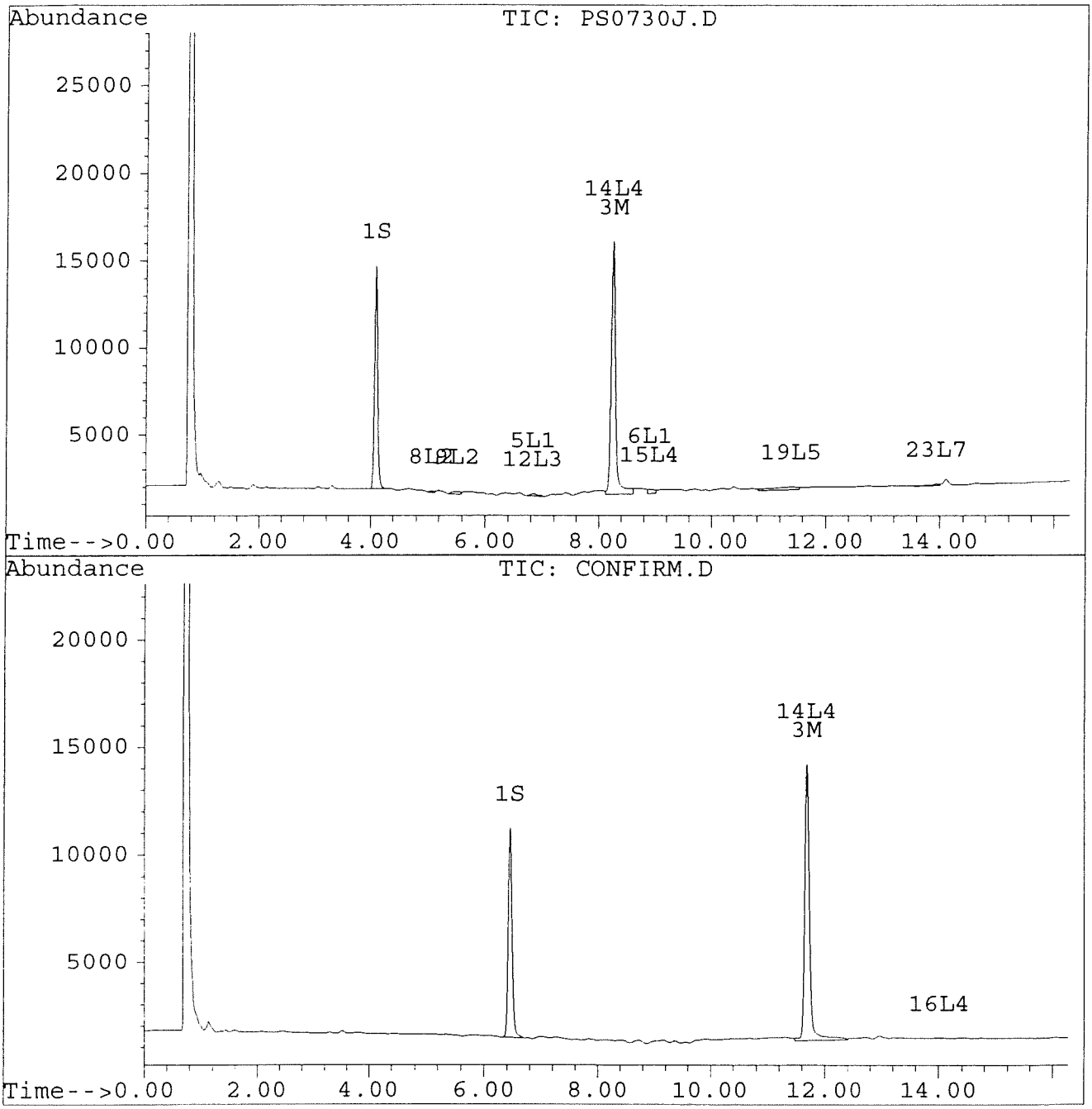
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730J.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL30\PS0730J.D\CONFIRM.D
Acq On : 31 Jul 96 10:36 AM Operator: JS
Sample : PCB COGENERS 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

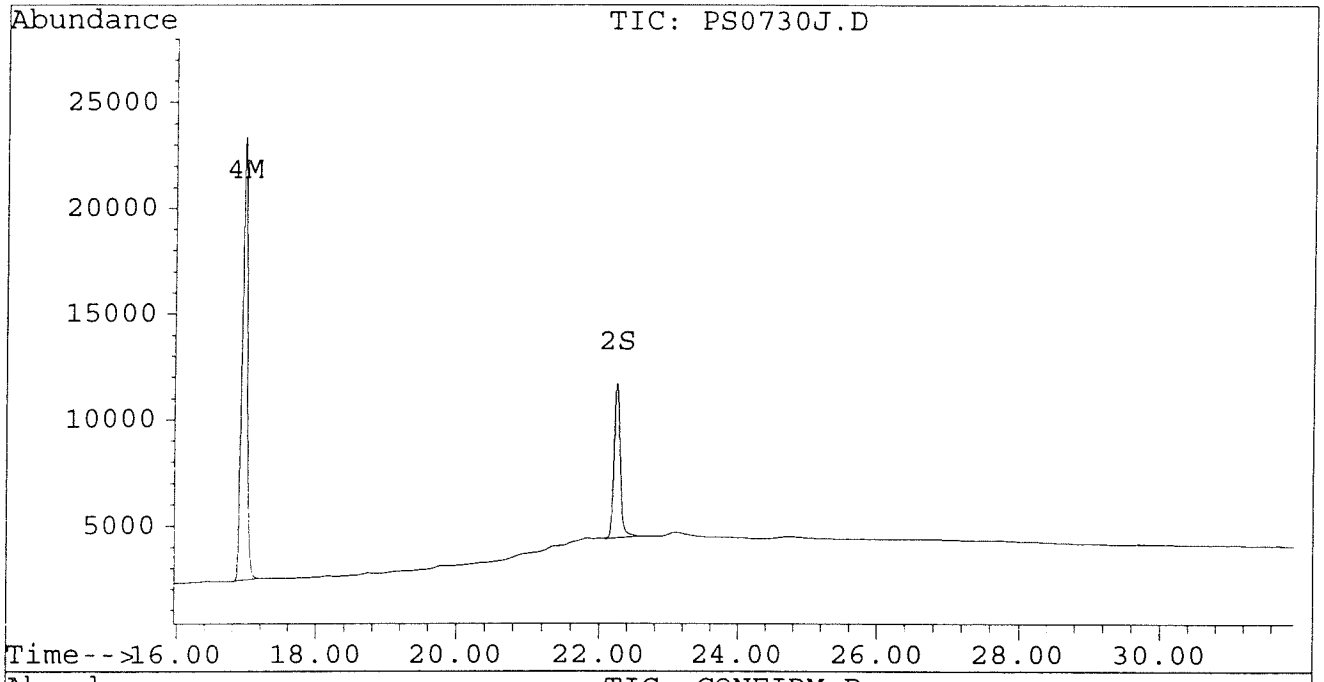


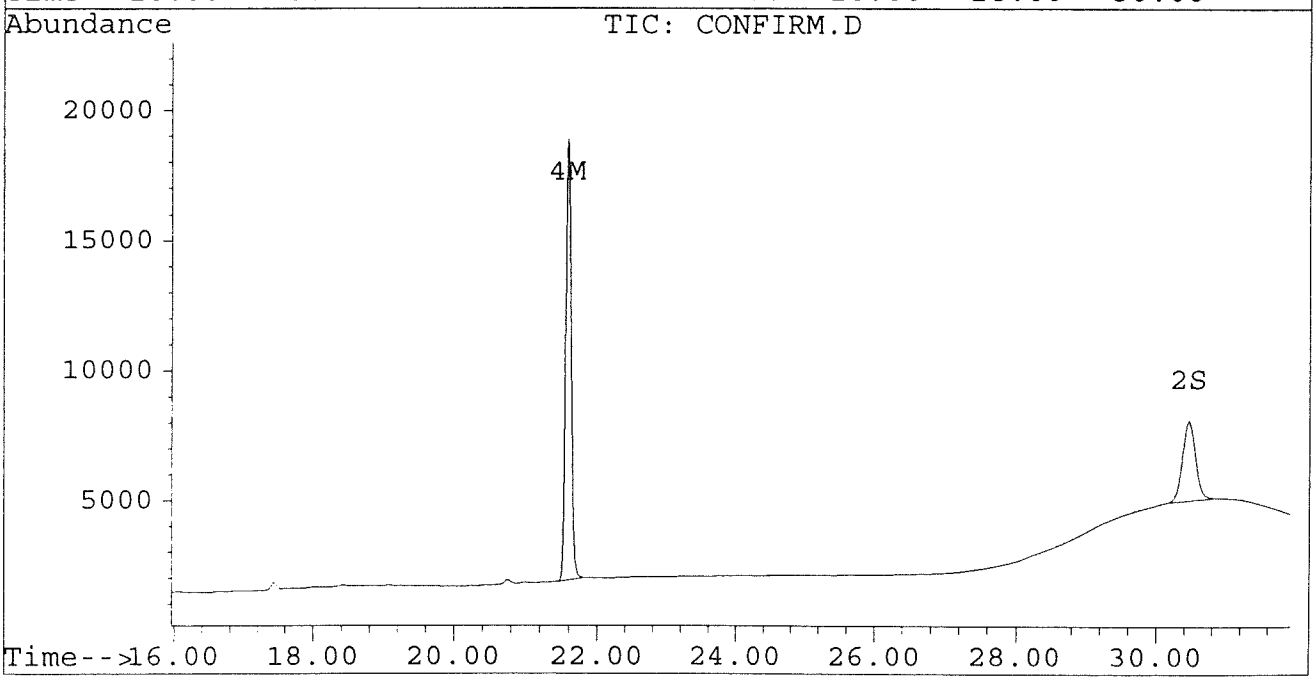
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0730J.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL30\PS0730J.D\CONFIRM.D
Acq On : 31 Jul 96 10:36 AM Operator: JS
Sample : PCB COGENERS 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\PS0731A.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL30\PS0731A.D\CONFIRM.D
Acq On : 31 Jul 96 05:08 PM Operator: JS
Sample : PCB COGENERS 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	12337	9386	0.055m	0.054m
				Recovery	=	137.50%	135.00%
2) S	Decachlorobiphenyl	22.25	30.46	9236	3917	0.047m	0.046m
				Recovery	=	117.50%	115.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.69	13936	13095	0.125m	0.138m
4) M	2,2',3,3',4,4'-Hexa	16.94	21.59	23637	18647	0.132m	0.135m
5) L1	Aroclor-1016	6.84	0.00	135	0	0.005	N.D. #
6) L1	Aroclor-1016 {2}	8.90f	0.00	274	0	0.017	N.D. #
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1016			409	0	0.022	N.D.
Average	Aroclor-1016					0.011	0.000
8) L2	Aroclor-1221	5.07	0.00	100	0	0.014	N.D. #
9) L2	Aroclor-1221 {2}	5.52	0.00	136	0	0.023	N.D. #
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			237	0	0.038	N.D.
Average	Aroclor-1221					0.019	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	6.84	0.00	135	0	0.010	N.D. #
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			135	0	0.010	N.D.
Average	Aroclor-1232					0.010	0.000
14) L4	Aroclor-1242	8.23	11.69	14175	13301	0.348	0.461 #
15) L4	Aroclor-1242 {2}	8.90f	0.00	274	0	0.022	N.D. #
16) L4	Aroclor-1242 {3}	0.00	14.03	0	184	N.D.	0.015 #
Total	Aroclor-1242			14448	13485	0.370	0.476
Average	Aroclor-1242					0.185	0.238
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	11.40	0.00	193	0	0.006	N.D. #
Total	Aroclor-1248			193	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.

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Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0731A.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL30\PS0731A.D\CONFIRM.D
Acq On : 31 Jul 96 05:08 PM Operator: JS
Sample : PCB COGENERS 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.50	0	122	N.D.	0.005 #
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	15.83	0.00	115	0	0.004	N.D. #
Total Aroclor-1254			115	122	0.004	0.005
Average Aroclor-1254					0.004	0.005
23) L7 Aroclor-1260	13.94	0.00	156	0	0.005	N.D. #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	17.91	0.00	360	0	0.007	N.D. #
Total Aroclor-1260			516	0	0.012	N.D.
Average Aroclor-1260					0.006	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	19.02	0.00	335	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.84	0.00	1226	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\JL30\PS0731A.D
Signal #2 : D:\HPCHEM\5\JL30\PS0731A.D\CONFIRM.D
Acq On : 31 Jul 96 05:08 PM
Sample : PCB COGENERS 100 NG/ML
Misc :
Quant Time: Aug 16 15:40 1996

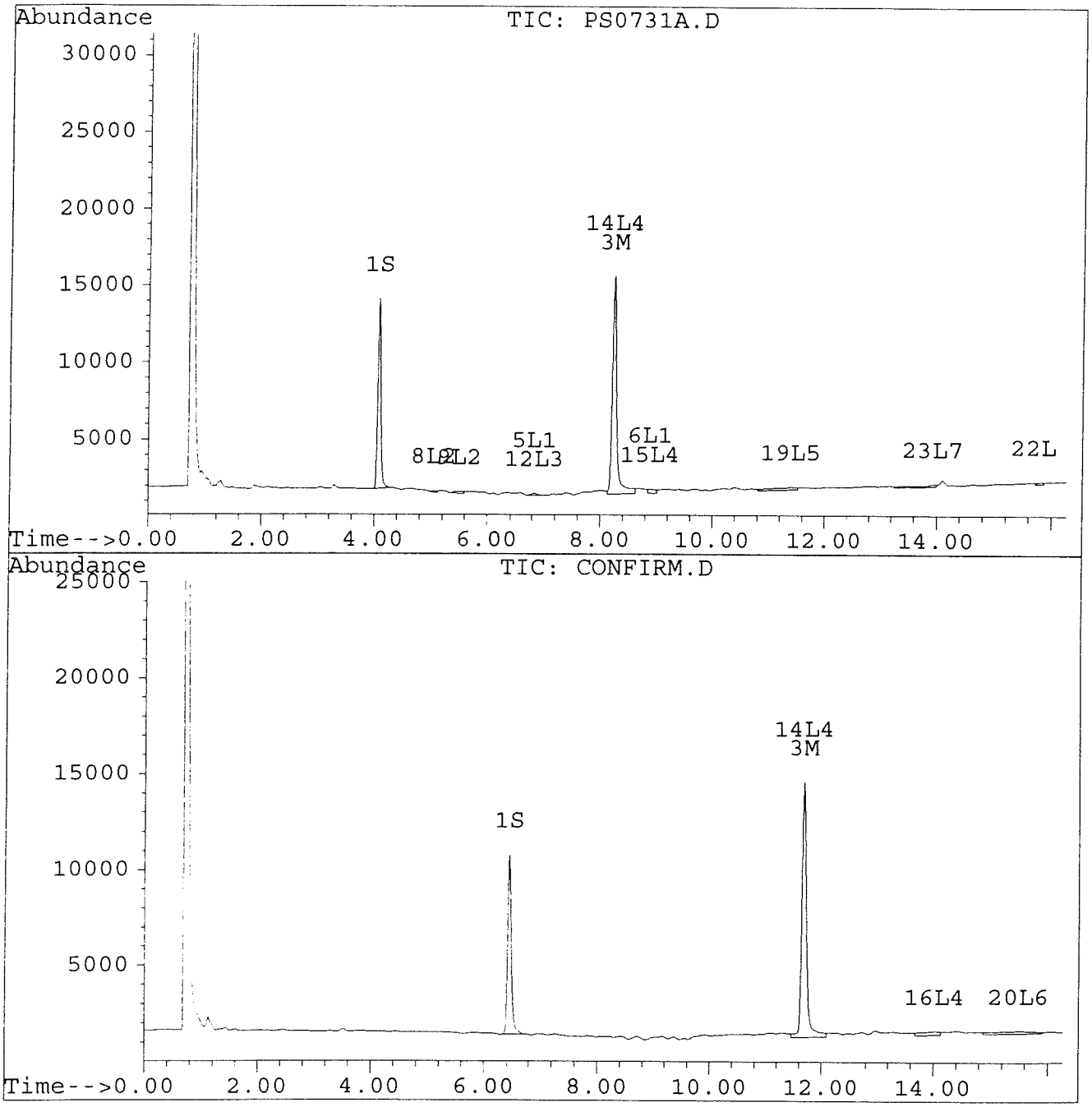
Vial: 11

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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

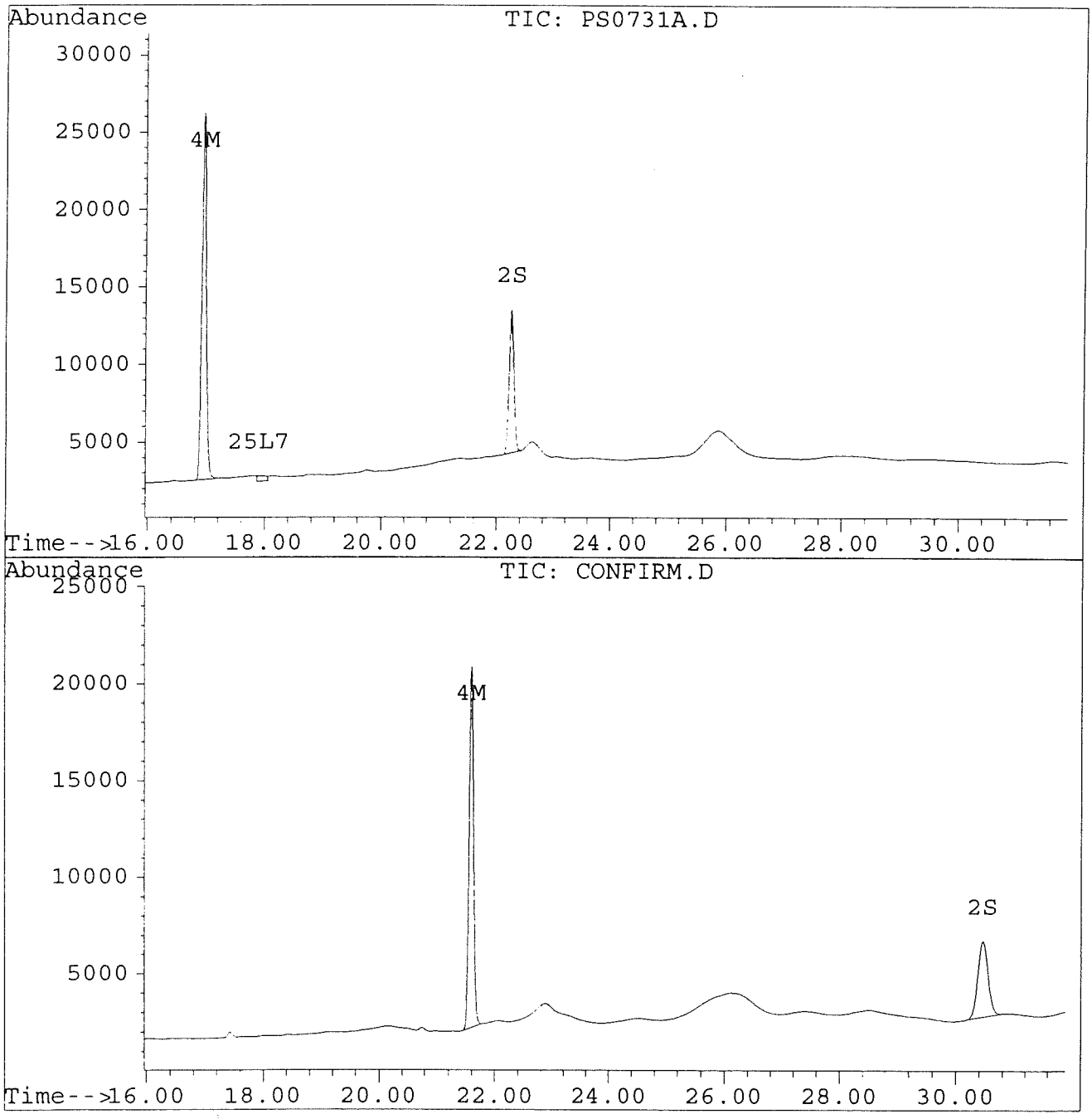


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0731A.D Vial: 11
Signal #2 : D:\HPCHEM\5\JL30\PS0731A.D\CONFIRM.D
Acq On : 31 Jul 96 05:08 PM Operator: JS
Sample : PCB COGENERS 100 NG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\PS0731B.D
Signal #2 : D:\HPCHEM\5\JL30\PS0731B.D\CONFIRM.D
Acq On : 31 Jul 96 05:43 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:41 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	4.07	6.45	4489	3747	0.020	0.022
					Recovery	=	50.00%	55.00%
2)	S	Decachlorobiphenyl	22.25	30.47	4144	2106	0.021m	0.025m
					Recovery	=	52.50%	62.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.23	11.66	348	266	0.003	0.003
4)	M	2,2',3,3',4,4'-Hexa	16.95	21.59	3466	2364	0.019	0.017
5)	L1	Aroclor-1016	6.81	8.81	185	66	0.006	0.005
6)	L1	Aroclor-1016 (2)	8.95	10.34	101	161	0.006	0.006
7)	L1	Aroclor-1016 (3)	9.30	12.27	6256	82	0.260	0.005 #
	Total	Aroclor-1016			6543	310	0.273	0.017
Average		Aroclor-1016					0.091	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)	5.69	8.81	77	66	0.004	0.004
	Total	Aroclor-1221			77	66	0.004	0.004
Average		Aroclor-1221					0.004	0.004
11)	L3	Aroclor-1232	5.69	8.81	77	66	0.004	0.005
12)	L3	Aroclor-1232 (2)	6.81	10.34	185	161	0.014	0.013
13)	L3	Aroclor-1232 (3)	8.63	12.27	139	82	0.017	0.012 #
	Total	Aroclor-1232			401	310	0.035	0.030
Average		Aroclor-1232					0.012	0.010
14)	L4	Aroclor-1242	8.23	11.66	348	266	0.009	0.009
15)	L4	Aroclor-1242 (2)	8.95	12.27	101	82	0.008	0.007
16)	L4	Aroclor-1242 (3)	10.08	14.03	3013	2546	0.186	0.208
	Total	Aroclor-1242			3463	2894	0.203	0.224
Average		Aroclor-1242					0.068	0.075
17)	L5	Aroclor-1248	9.30	14.97	6256	3927	0.203	0.179
18)	L5	Aroclor-1248 (2)	10.08	15.19	3013	1236	0.116	0.054 #
19)	L5	Aroclor-1248 (3)	11.37	16.20	11725	884	0.345	0.050 #
	Total	Aroclor-1248			20994	6046	0.663	0.284
Average		Aroclor-1248					0.221	0.095

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0731B.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL30\PS0731B.D\CONFIRM.D
Acq On : 31 Jul 96 05:43 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.48	11058	8664	0.377	0.357
21) L6	Aroclor-1254 {2}	13.43	15.73	15762	9624	0.385	0.361
22) L6	Aroclor-1254 {3}	15.82	17.58	11320	13315	0.371	0.358
Total	Aroclor-1254			38140	31602	1.133	1.076
Average	Aroclor-1254					0.378	0.359
23) L7	Aroclor-1260	13.93	18.22	7009	4721	0.222	0.167
24) L7	Aroclor-1260 {2}	14.72	18.54	6317	5402	0.171	0.166
25) L7	Aroclor-1260 {3}	17.92	21.95	1559	1370	0.030	0.028
Total	Aroclor-1260			14885	11492	0.423	0.362
Average	Aroclor-1260					0.141	0.121
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.04	0.00	1013	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.84	0.00	694	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

544

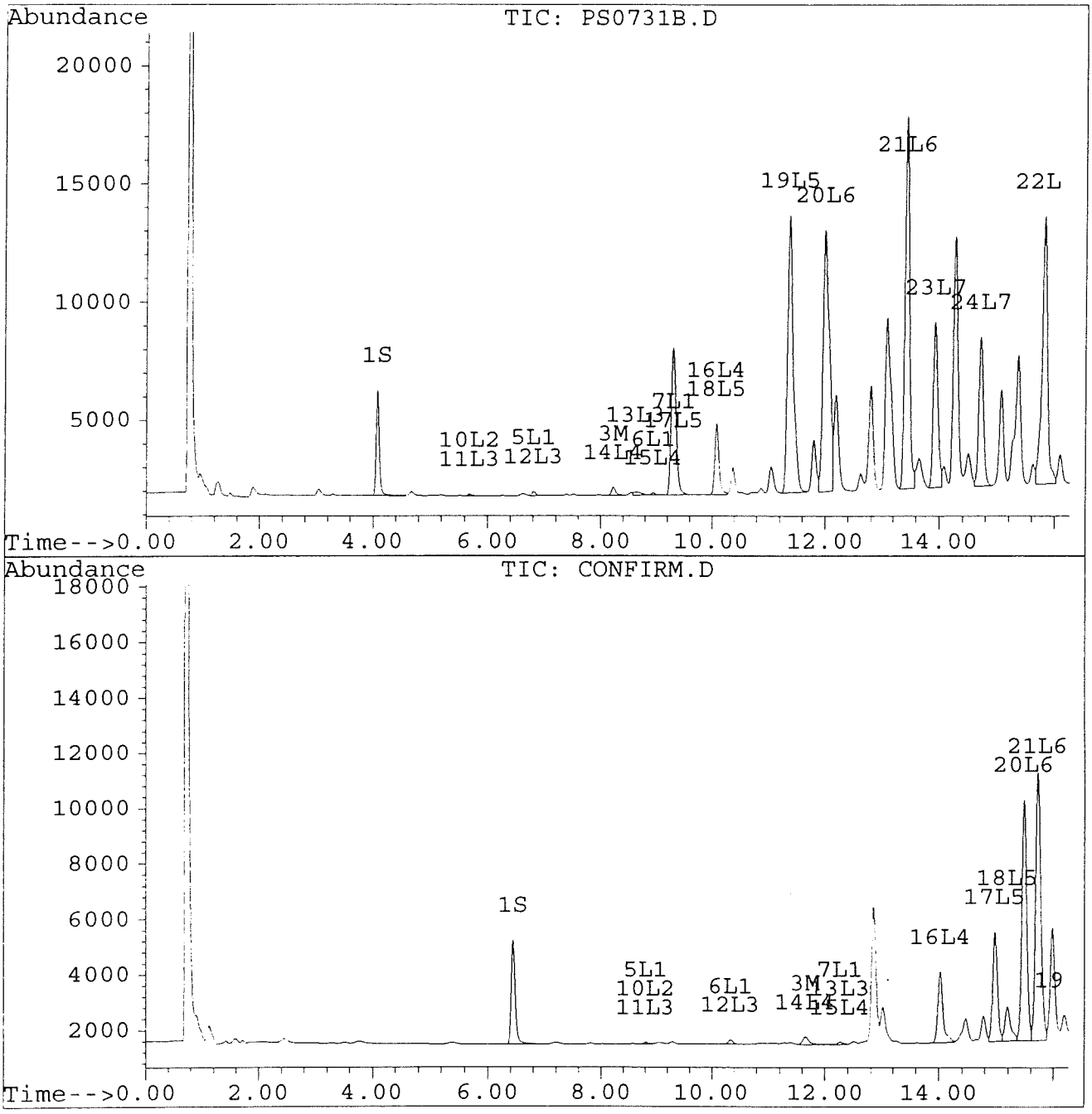
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0731B.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL30\PS0731B.D\CONFIRM.D
Acq On : 31 Jul 96 05:43 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

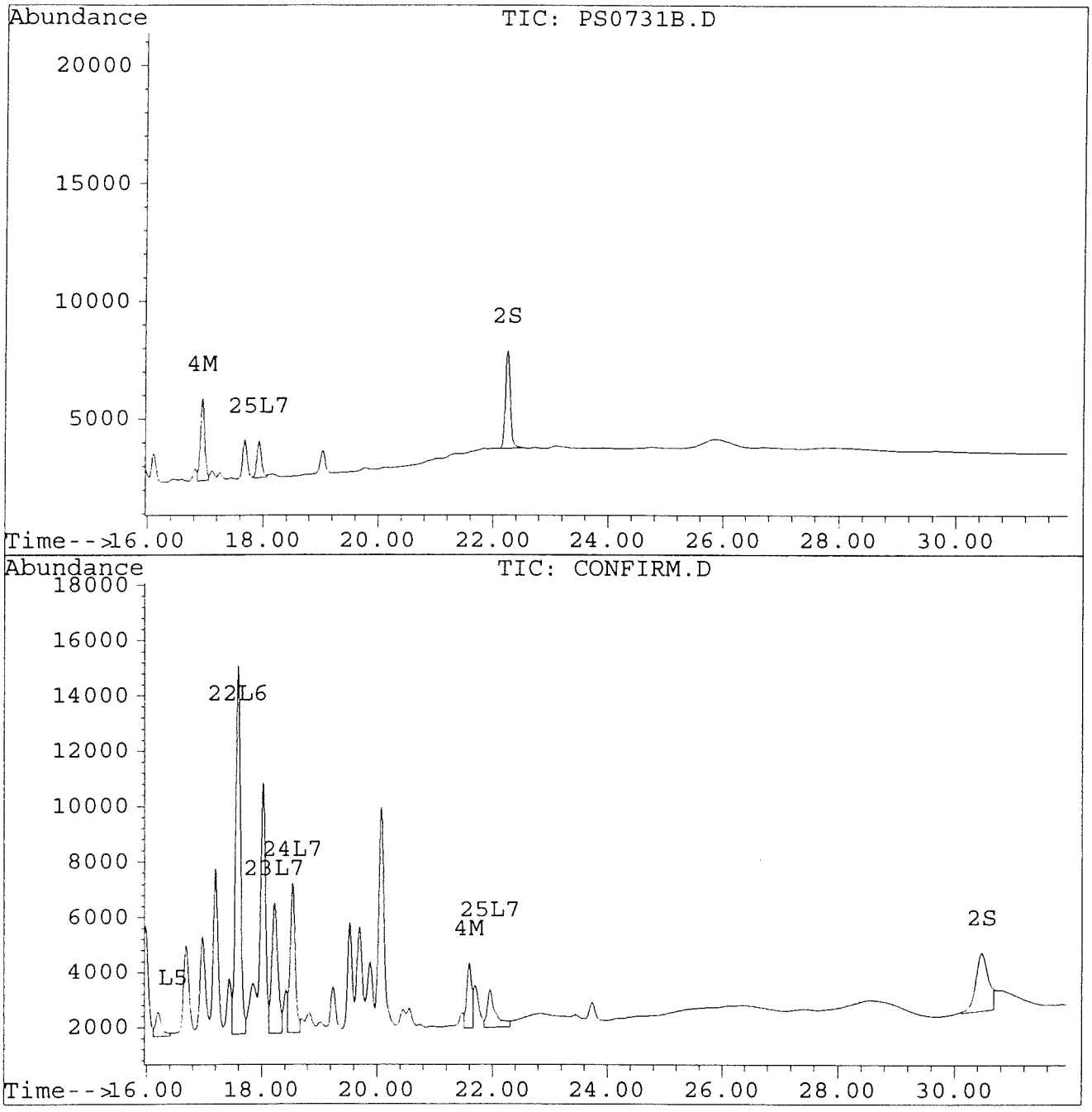


Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0731B.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL30\PS0731B.D\CONFIRM.D
Acq On : 31 Jul 96 05:43 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\PS0731C.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL30\PS0731C.D\CONFIRM.D
Acq On : 31 Jul 96 06:19 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.44	4190	3412	0.019	0.020
				Recovery	=	47.50%	50.00%
2) S	Decachlorobiphenyl	22.25	30.46	3861	1601	0.020m	0.019m
				Recovery	=	50.00%	47.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.67	13803	10000	0.124	0.106
4) M	2,2',3,3',4,4'-Hexa	16.95	21.60	198	71	0.001	0.001 #
5) L1	Aroclor-1016	6.81	8.80	7785	3753	0.259	0.304
6) L1	Aroclor-1016 {2}	8.94	10.33	4048	6657	0.259	0.264
7) L1	Aroclor-1016 {3}	9.34	12.26	6372	4267	0.265	0.270
Total	Aroclor-1016			18205	14677	0.783	0.837
Average	Aroclor-1016					0.261	0.279
8) L2	Aroclor-1221	5.09	8.03	662	599	0.095	0.098
9) L2	Aroclor-1221 {2}	5.52	8.58	938	810	0.161	0.166
10) L2	Aroclor-1221 {3}	5.69	8.80	4490	3753	0.222	0.244
Total	Aroclor-1221			6091	5162	0.478	0.508
Average	Aroclor-1221					0.159	0.169
11) L3	Aroclor-1232	5.69	8.80	4490	3753	0.246	0.262
12) L3	Aroclor-1232 {2}	6.81	10.33	7785	6657	0.570	0.554
13) L3	Aroclor-1232 {3}	8.62	12.26	5087	4267	0.615	0.615
Total	Aroclor-1232			17362	14677	1.431	1.431
Average	Aroclor-1232					0.477	0.477
14) L4	Aroclor-1242	8.23	11.67	13803	10000	0.339	0.346
15) L4	Aroclor-1242 {2}	8.94	12.26	4048	4267	0.332	0.340
16) L4	Aroclor-1242 {3}	10.08	14.02	5442	4055	0.336	0.332
Total	Aroclor-1242			23293	18321	1.007	1.018
Average	Aroclor-1242					0.336	0.339
17) L5	Aroclor-1248	9.34	14.97	6372	4006	0.206	0.183
18) L5	Aroclor-1248 {2}	10.08	15.19	5442	4655	0.209	0.205
19) L5	Aroclor-1248 {3}	11.42	16.20	6477	3409	0.191	0.194
Total	Aroclor-1248			18291	12069	0.606	0.582
Average	Aroclor-1248					0.202	0.194

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0731C.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL30\PS0731C.D\CONFIRM.D
Acq On : 31 Jul 96 06:19 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.49	0	1003	N.D.	0.041 #
21) L6	Aroclor-1254 {2}	13.43	15.73	1412	1104	0.034	0.041
22) L6	Aroclor-1254 {3}	15.83	17.59	193	1227	0.006	0.033 #
Total	Aroclor-1254			1605	3333	0.041	0.116
Average	Aroclor-1254					0.020	0.039
23) L7	Aroclor-1260	13.92	18.22	797	106	0.025	0.004 #
24) L7	Aroclor-1260 {2}	14.72	0.00	129	0	0.003	N.D. #
25) L7	Aroclor-1260 {3}	17.93	0.00	32	0	0.001	N.D. #
Total	Aroclor-1260			958	106	0.029	0.004
Average	Aroclor-1260					0.010	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}	21.85	0.00	888	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

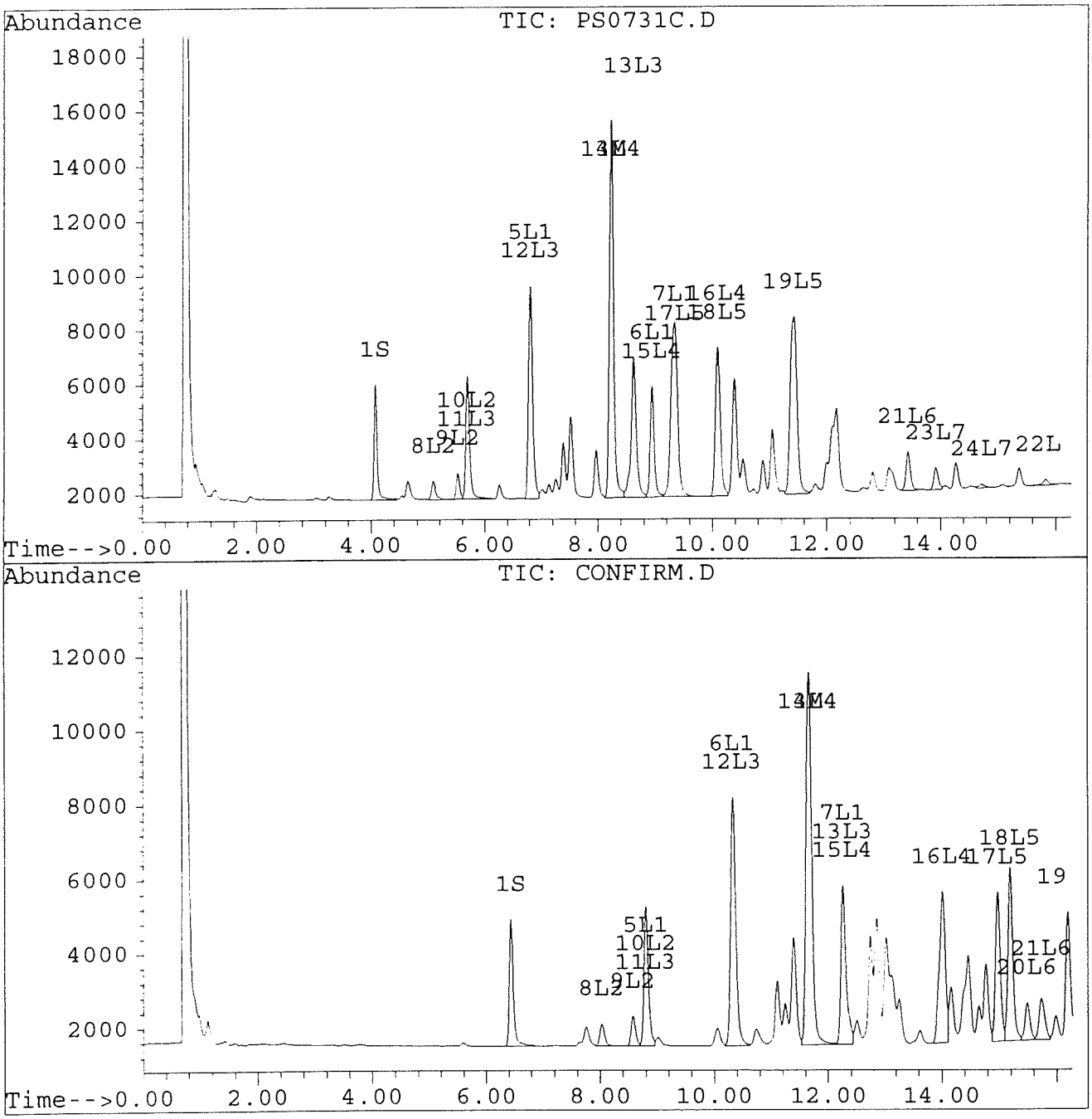
Signal #1 : D:\HPCHEM\5\JL30\PS0731C.D
Signal #2 : D:\HPCHEM\5\JL30\PS0731C.D\CONFIRM.D
Acq On : 31 Jul 96 06:19 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:42 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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

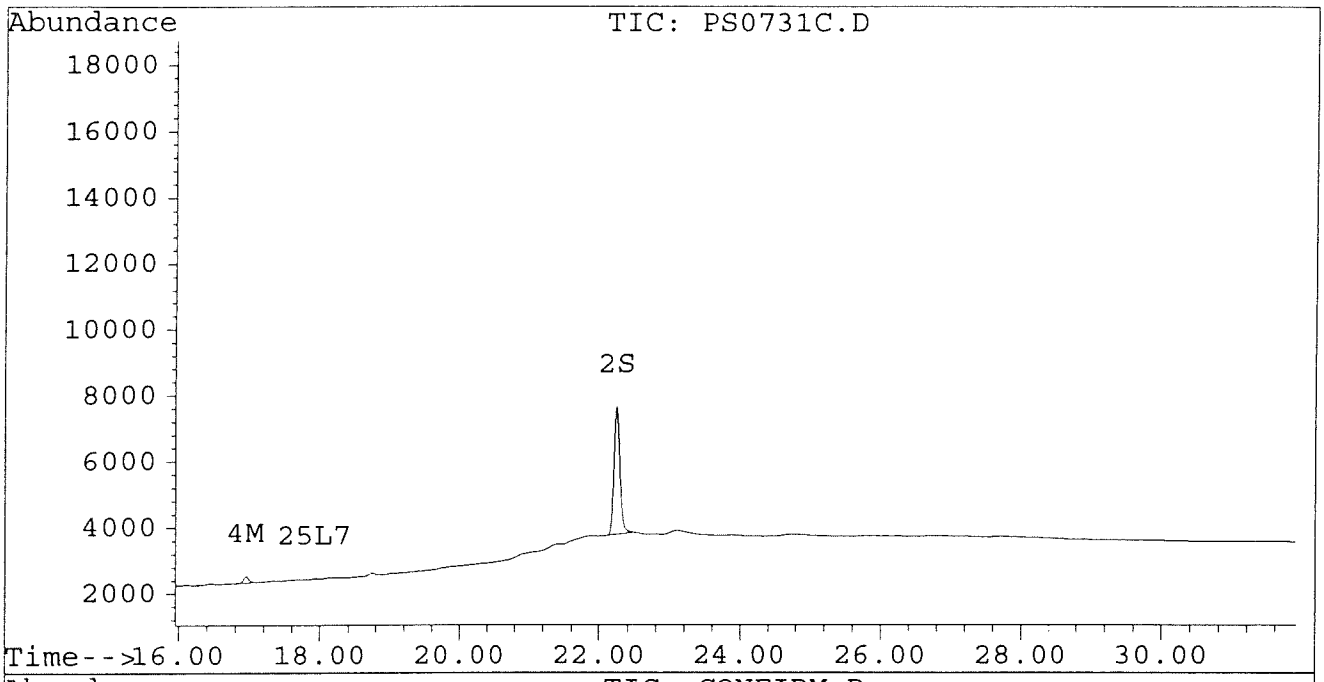


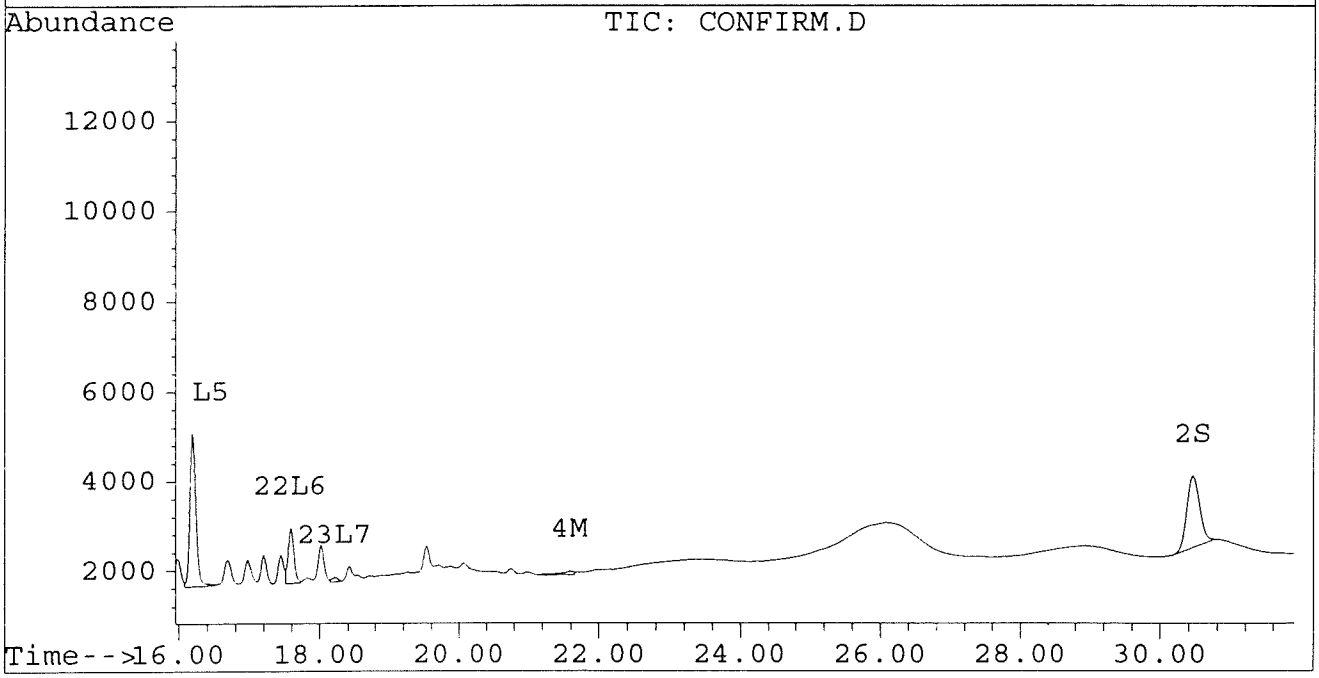
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0731C.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL30\PS0731C.D\CONFIRM.D
Acq On : 31 Jul 96 06:19 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\PS0731D.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL30\PS0731D.D\CONFIRM.D
Acq On : 31 Jul 96 10:28 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.07	6.45	4344	3675	0.019	0.021
				Recovery	=	47.50%	52.50%
2) S	Decachlorobiphenyl	22.25	30.46	4097	1687	0.021m	0.020m
				Recovery	=	52.50%	50.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.66	340	273	0.003	0.003
4) M	2,2',3,3',4,4'-Hexa	16.95	21.59	3520	2460	0.020	0.018
5) L1	Aroclor-1016	6.81	8.81	182	65	0.006	0.005
6) L1	Aroclor-1016 {2}	8.94	10.34	101	157	0.006	0.006
7) L1	Aroclor-1016 {3}	9.30	12.27	6157	111	0.256	0.007 #
	Total Aroclor-1016			6440	333	0.269	0.018
	Average Aroclor-1016					0.090	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}	5.69	8.81	76	65	0.004	0.004
	Total Aroclor-1221			76	65	0.004	0.004
	Average Aroclor-1221					0.004	0.004
11) L3	Aroclor-1232	5.69	8.81	76	65	0.004	0.005
12) L3	Aroclor-1232 {2}	6.81	10.34	182	157	0.013	0.013
13) L3	Aroclor-1232 {3}	0.00	12.27	0	111	N.D.	0.016 #
	Total Aroclor-1232			258	333	0.017	0.034
	Average Aroclor-1232					0.009	0.011
14) L4	Aroclor-1242	8.23	11.66	340	273	0.008	0.009
15) L4	Aroclor-1242 {2}	8.94	12.27	101	111	0.008	0.009
16) L4	Aroclor-1242 {3}	10.08	14.03	2960	2574	0.183	0.211
	Total Aroclor-1242			3401	2957	0.199	0.229
	Average Aroclor-1242					0.066	0.076
17) L5	Aroclor-1248	9.30	14.98	6157	3926	0.199	0.179
18) L5	Aroclor-1248 {2}	10.08	15.19	2960	1271	0.114	0.056 #
19) L5	Aroclor-1248 {3}	11.37f	16.20	11618	830	0.342	0.047 #
	Total Aroclor-1248			20735	6027	0.655	0.282
	Average Aroclor-1248					0.218	0.094

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0731D.D
Signal #2 : D:\HPCHEM\5\JL30\PS0731D.D\CONFIRM.D
Acq On : 31 Jul 96 10:28 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:43 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	15.48	10961	8752	0.374	0.361
21) L6 Aroclor-1254 {2}	13.43	15.73	15769	9669	0.385	0.362
22) L6 Aroclor-1254 {3}	15.82	17.58	11520	13319	0.378	0.358
Total Aroclor-1254			38250	31740	1.137	1.081
Average Aroclor-1254					0.379	0.360
23) L7 Aroclor-1260	13.93	18.22	6980	4758	0.221	0.169
24) L7 Aroclor-1260 {2}	14.72	18.54	6398	5403	0.173	0.166
25) L7 Aroclor-1260 {3}	17.92	21.95	2007	1470	0.039	0.030
Total Aroclor-1260			15385	11631	0.433	0.365
Average Aroclor-1260					0.144	0.122
26) L8 Aroclor-1268	0.00	23.26f	0	390	N.D.	0.091 #
27) L8 Aroclor-1268 {2}	19.04	0.00	1379	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	390	N.D.	0.091
Average Aroclor-1268					0.000	0.091

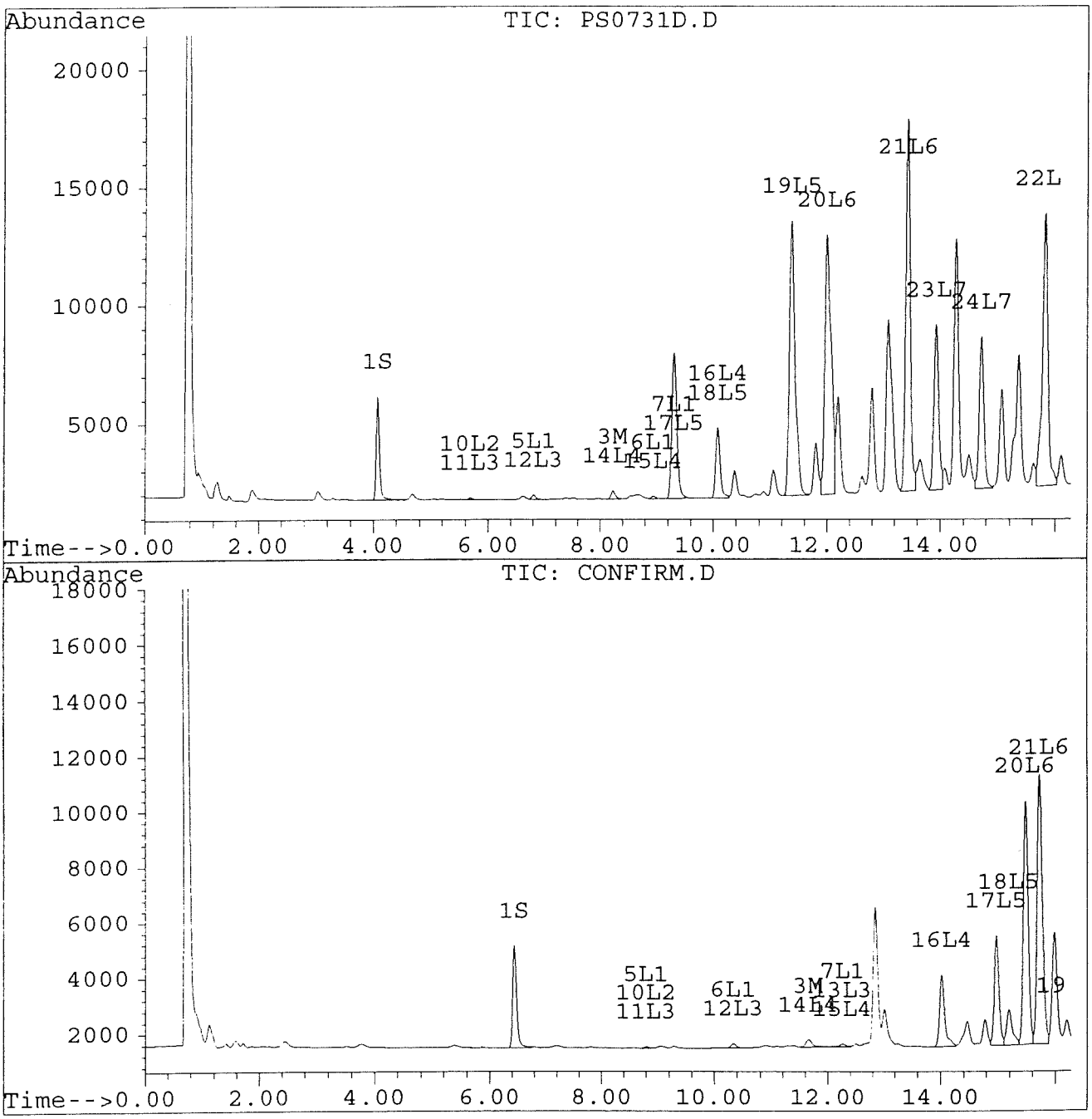
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0731D.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL30\PS0731D.D\CONFIRM.D
Acq On : 31 Jul 96 10:28 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

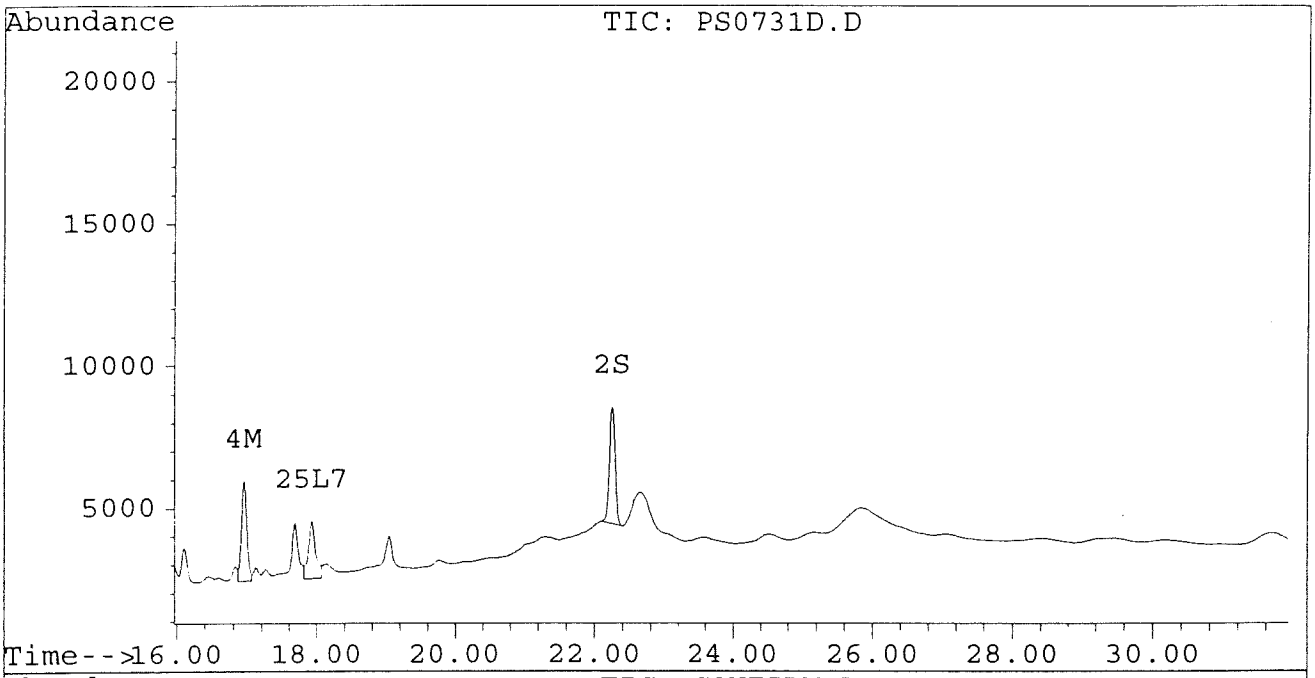


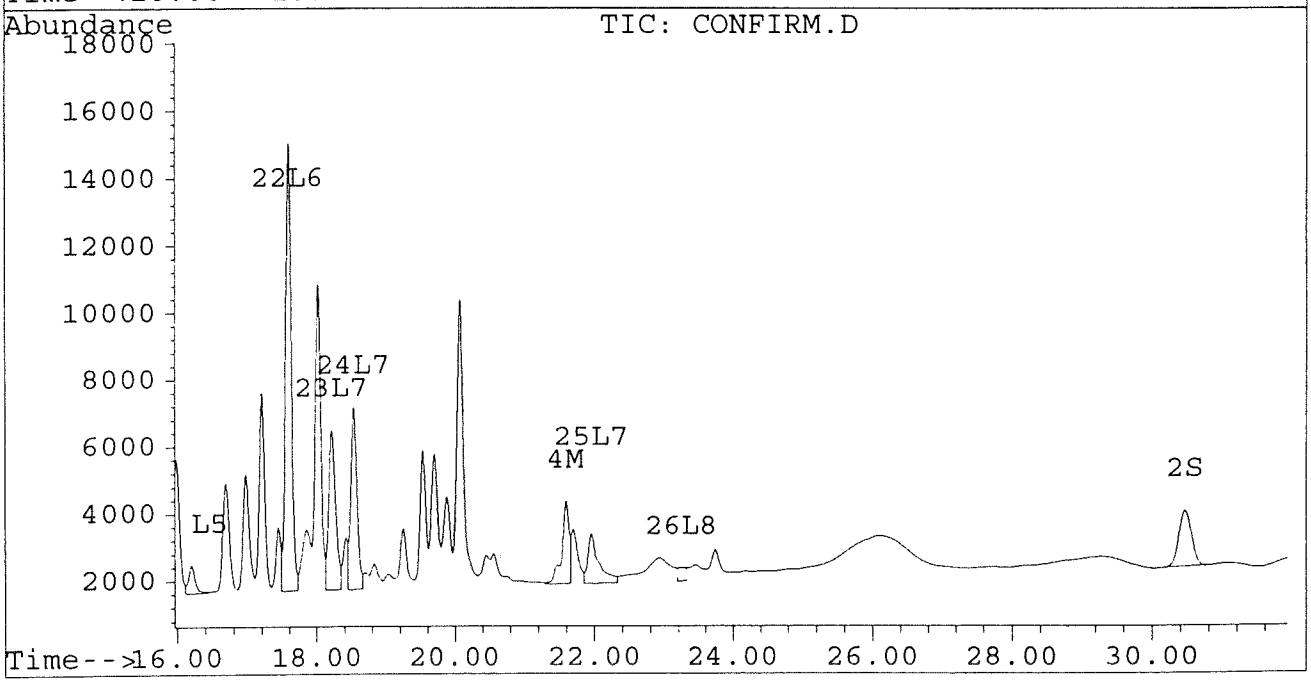
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0731D.D Vial: 12
Signal #2 : D:\HPCHEM\5\JL30\PS0731D.D\CONFIRM.D
Acq On : 31 Jul 96 10:28 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\JL30\PS0731E.D
Signal #2 : D:\HPCHEM\5\JL30\PS0731E.D\CONFIRM.D
Acq On : 31 Jul 96 11:03 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:44 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
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	4.07	6.45	4423	3780	0.020	0.022
				Recovery	=	50.00%	55.00%
2) S	Decachlorobiphenyl	22.24	30.46	4135	1857	0.021m	0.022
				Recovery	=	52.50%	55.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.23	11.67	15072	10973	0.136	0.116
4) M	2,2',3,3',4,4'-Hexa	16.95	21.60	278	67	0.002	0.000 #
5) L1	Aroclor-1016	6.81	8.81	8415	4083	0.280	0.331
6) L1	Aroclor-1016 (2)	8.94	10.33	4422	7297	0.283	0.289
7) L1	Aroclor-1016 (3)	9.34	12.26	6941	4719	0.289	0.298
Total	Aroclor-1016			19779	16099	0.851	0.918
Average	Aroclor-1016					0.284	0.306
8) L2	Aroclor-1221	5.09	8.03	719	659	0.103	0.108
9) L2	Aroclor-1221 (2)	5.52	8.58	1012	894	0.173	0.183
10) L2	Aroclor-1221 (3)	5.69	8.81	4842	4083	0.240	0.266
Total	Aroclor-1221			6573	5637	0.516	0.557
Average	Aroclor-1221					0.172	0.186
11) L3	Aroclor-1232	5.69	8.81	4842	4083	0.265	0.285
12) L3	Aroclor-1232 (2)	6.81	10.33	8415	7297	0.617	0.607
13) L3	Aroclor-1232 (3)	8.62	12.26	5518	4719	0.667	0.680
Total	Aroclor-1232			18775	16099	1.549	1.573
Average	Aroclor-1232					0.516	0.524
14) L4	Aroclor-1242	8.23	11.67	15072	10973	0.370	0.380
15) L4	Aroclor-1242 (2)	8.94	12.26	4422	4719	0.363	0.376
16) L4	Aroclor-1242 (3)	10.08	14.02	5949	4479	0.367	0.367
Total	Aroclor-1242			25442	20171	1.100	1.123
Average	Aroclor-1242					0.367	0.374
17) L5	Aroclor-1248	9.34	14.97	6941	4428	0.225	0.202
18) L5	Aroclor-1248 (2)	10.08	15.19	5949	5122	0.229	0.225
19) L5	Aroclor-1248 (3)	11.41	16.20	7031	3804	0.207	0.217
Total	Aroclor-1248			19921	13353	0.660	0.644
Average	Aroclor-1248					0.220	0.215

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0731E.D
Signal #2 : D:\HPCHEM\5\JL30\PS0731E.D\CONFIRM.D
Acq On : 31 Jul 96 11:03 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:44 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.49	0	1107	N.D.	0.046 #
21) L6 Aroclor-1254 {2}	13.43	15.73	1543	1204	0.038	0.045
22) L6 Aroclor-1254 {3}	15.83	17.59	218	1379	0.007	0.037 #
Total Aroclor-1254			1761	3690	0.045	0.128
Average Aroclor-1254					0.022	0.043
23) L7 Aroclor-1260	13.92	18.22	875	127	0.028	0.004 #
24) L7 Aroclor-1260 {2}	14.72	0.00	142	0	0.004	N.D. #
25) L7 Aroclor-1260 {3}	17.93	0.00	160	0	0.003	N.D. #
Total Aroclor-1260			1177	127	0.035	0.004
Average Aroclor-1260					0.012	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}	21.83	0.00	866	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\JL30\PS0731E.D
Signal #2 : D:\HPCHEM\5\JL30\PS0731E.D\CONFIRM.D
Acq On : 31 Jul 96 11:03 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:44 1996

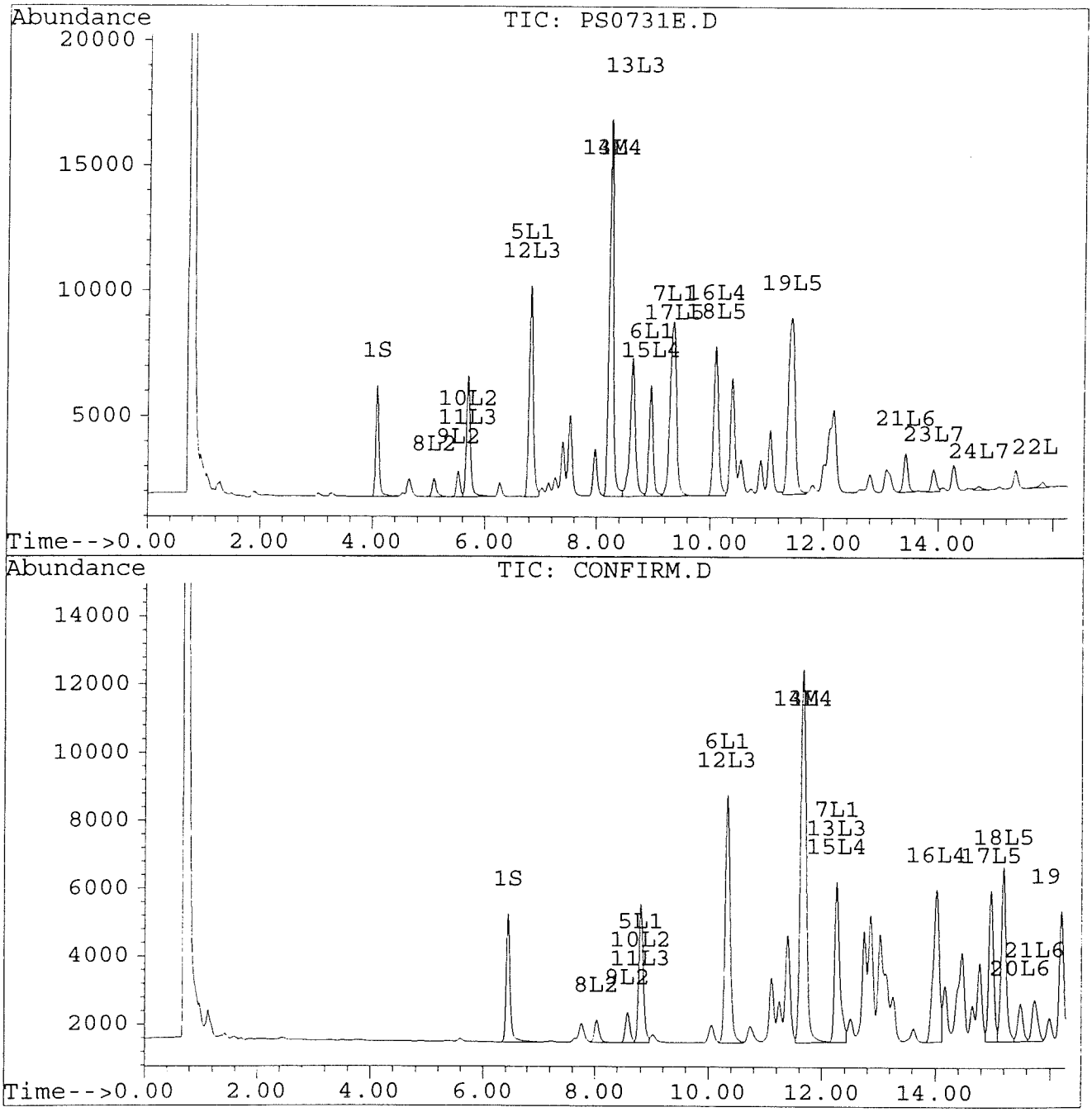
Vial: 13

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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

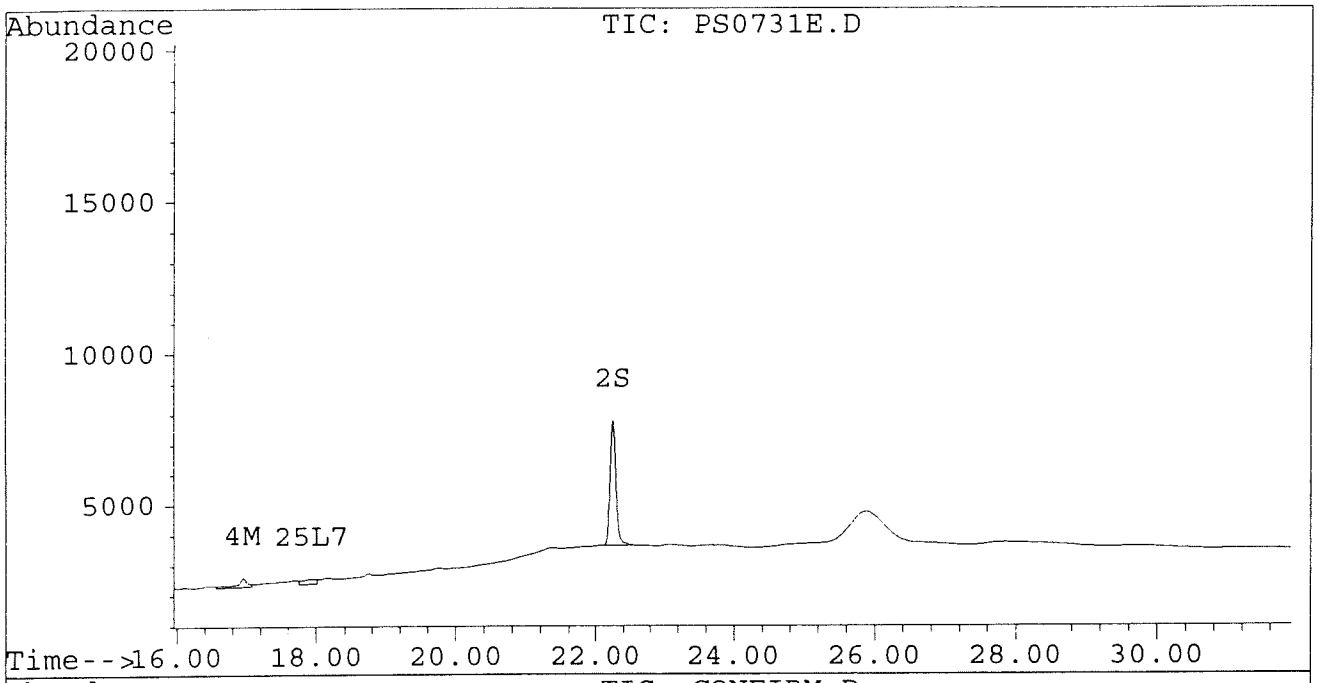


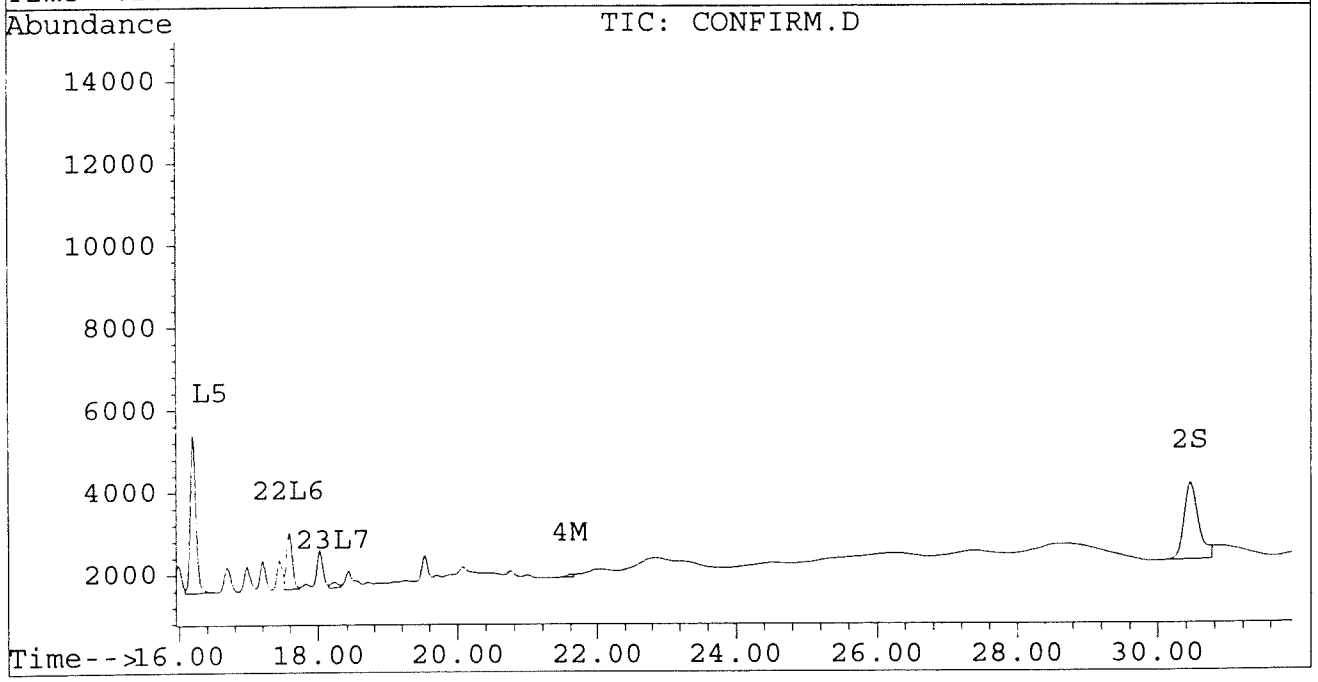
Quantitation Report

Signal #1 : D:\HPCHEM\5\JL30\PS0731E.D Vial: 13
Signal #2 : D:\HPCHEM\5\JL30\PS0731E.D\CONFIRM.D
Acq On : 31 Jul 96 11:03 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\AU1\PS0801B.D Vial: 2
Signal #2 : D:\HPCHEM\5\AU1\PS0801B.D\CONFIRM.D
Acq On : 01 Aug 96 02:26 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.41f	4254	3441	0.019	0.020
					Recovery	=	47.50%	50.00%
2)	S	Decachlorobiphenyl	22.20	30.35f	4090	1493	0.021m	0.017m
					Recovery	=	52.50%	42.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.19	0.00	305	0	0.003	N.D. #
4)	M	2,2',3,3',4,4'-Hexa	16.91	21.55	3060	1958	0.017	0.014
5)	L1	Aroclor-1016	6.78	8.77	167	60	0.006	0.005
6)	L1	Aroclor-1016 {2}	8.91	10.30	90	154	0.006	0.006
7)	L1	Aroclor-1016 {3}	0.00	12.23	0	80	N.D.	0.005 #
		Total Aroclor-1016			257	294	0.011	0.016
		Average Aroclor-1016					0.006	0.005
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	5.66	8.77	70	60	0.003	0.004
		Total Aroclor-1221			70	60	0.003	0.004
		Average Aroclor-1221					0.003	0.004
11)	L3	Aroclor-1232	5.66	8.77	70	60	0.004	0.004
12)	L3	Aroclor-1232 {2}	6.78	10.30	167	154	0.012	0.013
13)	L3	Aroclor-1232 {3}	8.57f	12.23	112	80	0.014	0.011
		Total Aroclor-1232			350	294	0.030	0.028
		Average Aroclor-1232					0.010	0.009
14)	L4	Aroclor-1242	8.19	11.62	305	245	0.007	0.008
15)	L4	Aroclor-1242 {2}	8.91	12.23	90	80	0.007	0.006
16)	L4	Aroclor-1242 {3}	10.04f	13.98	2683	2431	0.166	0.199
		Total Aroclor-1242			3079	2756	0.181	0.214
		Average Aroclor-1242					0.060	0.071
17)	L5	Aroclor-1248	0.00	14.93	0	3548	N.D.	0.162 #
18)	L5	Aroclor-1248 {2}	10.04	15.15	2683	1110	0.103	0.049 #
19)	L5	Aroclor-1248 {3}	0.00	16.16	0	716	N.D.	0.041 #
		Total Aroclor-1248			2683	5374	0.103	0.251
		Average Aroclor-1248					0.103	0.084

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\PS0801B.D Vial: 2
Signal #2 : D:\HPCHEM\5\AU1\PS0801B.D\CONFIRM.D
Acq On : 01 Aug 96 02:26 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	15.44	9820	8384	0.335	0.346
21) L6	Aroclor-1254 {2}	13.40	15.68	13603	9054	0.332	0.339
22) L6	Aroclor-1254 {3}	15.79	17.54f	9992	12389	0.328	0.333
Total	Aroclor-1254			33416	29827	0.995	1.018
Average	Aroclor-1254					0.332	0.339
23) L7	Aroclor-1260	13.89f	18.17f	6206	4353	0.197	0.154
24) L7	Aroclor-1260 {2}	14.68	18.49f	5685	4756	0.154	0.146
25) L7	Aroclor-1260 {3}	17.88	21.91	1408	1107	0.027	0.023
Total	Aroclor-1260			13299	10216	0.378	0.323
Average	Aroclor-1260					0.126	0.108
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.00	0.00	943	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

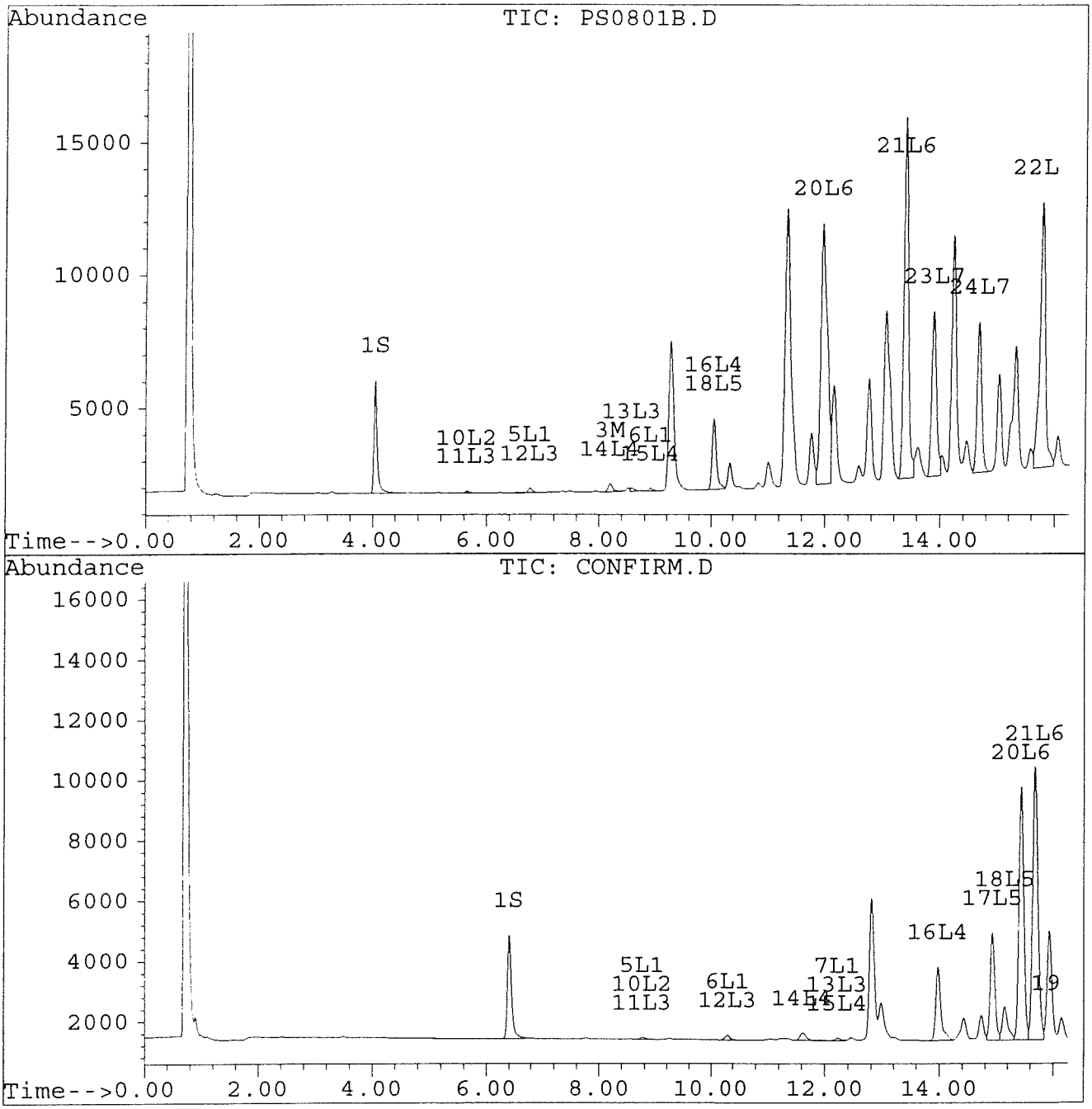
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\PS0801B.D Vial: 2
Signal #2 : D:\HPCHEM\5\AU1\PS0801B.D\CONFIRM.D
Acq On : 01 Aug 96 02:26 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 15:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\AU1\PS0801B.D
Signal #2 : D:\HPCHEM\5\AU1\PS0801B.D\CONFIRM.D
Acq On : 01 Aug 96 02:26 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 15:59 1996

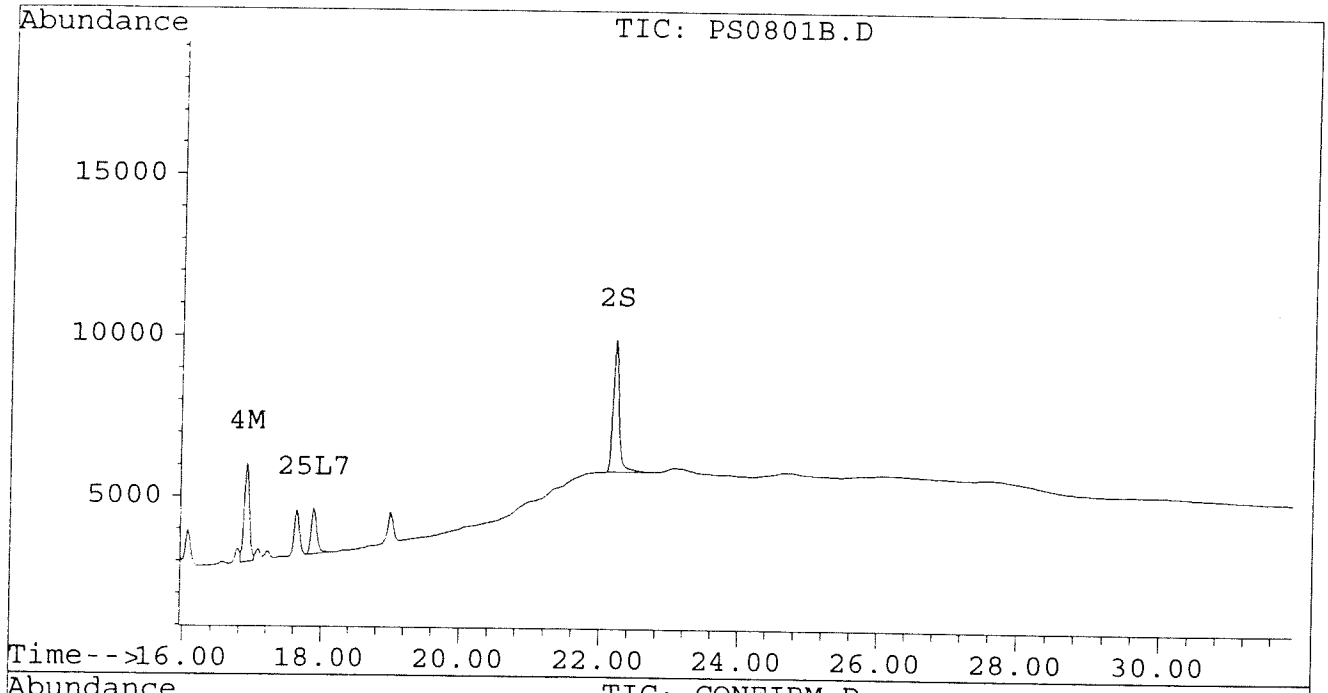
Vial: 2

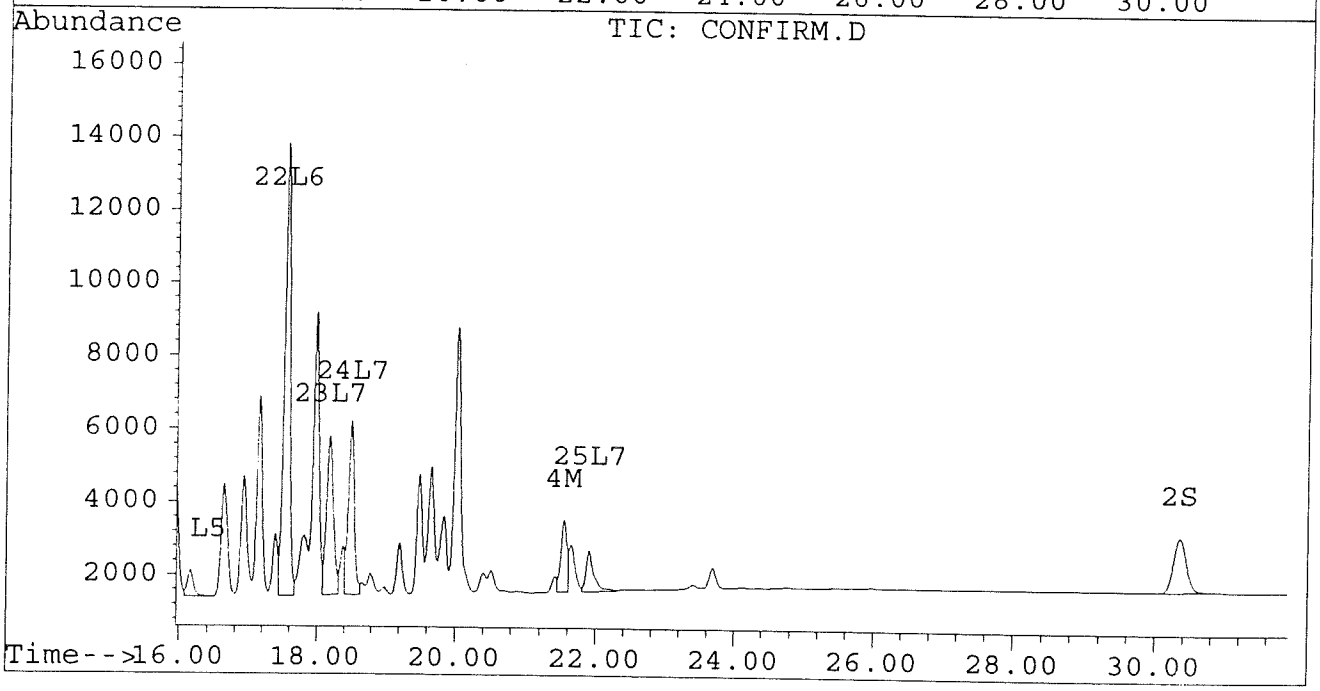
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\PS0801C.D Vial: 3
Signal #2 : D:\HPCHEM\5\AU1\PS0801C.D\CONFIRM.D
Acq On : 01 Aug 96 03:02 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 16:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	6.41f	4222	3456	0.019	0.020
					Recovery	=	47.50%	50.00%
2)	S	Decachlorobiphenyl	22.20	30.35f	3583	1330	0.018m	0.016m
					Recovery	=	45.00%	40.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.19	11.63	12862	9666	0.116	0.102
4)	M	2,2',3,3',4,4'-Hexa	16.92	21.55	146	86	0.001	0.001
5)	L1	Aroclor-1016	6.77	8.77	7656	3752	0.255	0.304
6)	L1	Aroclor-1016 {2}	8.91	10.29	3770	6726	0.241	0.267
7)	L1	Aroclor-1016 {3}	9.30	12.22	6193	4147	0.258	0.262
		Total Aroclor-1016			17619	14626	0.753	0.833
		Average Aroclor-1016					0.251	0.278
8)	L2	Aroclor-1221	5.06	8.00	660	607	0.094	0.099
9)	L2	Aroclor-1221 {2}	5.49	8.54	929	829	0.159	0.170
10)	L2	Aroclor-1221 {3}	5.65	8.77	4410	3752	0.218	0.244
		Total Aroclor-1221			5999	5188	0.472	0.514
		Average Aroclor-1221					0.157	0.171
11)	L3	Aroclor-1232	5.65	8.77	4410	3752	0.242	0.262
12)	L3	Aroclor-1232 {2}	6.77	10.29	7656	6726	0.561	0.560
13)	L3	Aroclor-1232 {3}	8.58	12.22	4779	4147	0.577	0.598
		Total Aroclor-1232			16845	14626	1.380	1.420
		Average Aroclor-1232					0.460	0.473
14)	L4	Aroclor-1242	8.19	11.63	12862	9666	0.316	0.335
15)	L4	Aroclor-1242 {2}	8.91	12.22	3770	4147	0.310	0.331
16)	L4	Aroclor-1242 {3}	10.05	13.98	5138	4155	0.317	0.340
		Total Aroclor-1242			21770	17968	0.943	1.005
		Average Aroclor-1242					0.314	0.335
17)	L5	Aroclor-1248	9.30	14.93	6193	3861	0.201	0.176
18)	L5	Aroclor-1248 {2}	10.05	15.15	5138	4392	0.197	0.193
19)	L5	Aroclor-1248 {3}	11.37	16.15	5828	3212	0.171	0.183
		Total Aroclor-1248			17159	11464	0.570	0.552
		Average Aroclor-1248					0.190	0.184

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\PS0801C.D
Signal #2 : D:\HPCHEM\5\AU1\PS0801C.D\CONFIRM.D
Acq On : 01 Aug 96 03:02 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 16:00 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	15.45	0	1029	N.D.	0.042 #
21) L6 Aroclor-1254 {2}	13.40	15.69	1284	1095	0.031	0.041 #
22) L6 Aroclor-1254 {3}	15.79	17.54	174	1169	0.006	0.031 #
Total Aroclor-1254			1459	3293	0.037	0.115
Average Aroclor-1254					0.019	0.038
23) L7 Aroclor-1260	13.88f	18.18	695	102	0.022	0.004 #
24) L7 Aroclor-1260 {2}	14.68	0.00	107	0	0.003	N.D. #
25) L7 Aroclor-1260 {3}	17.89	21.92	23	91	0.000	0.002 #
Total Aroclor-1260			825	193	0.025	0.005
Average Aroclor-1260					0.008	0.003
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.13f	0	24	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

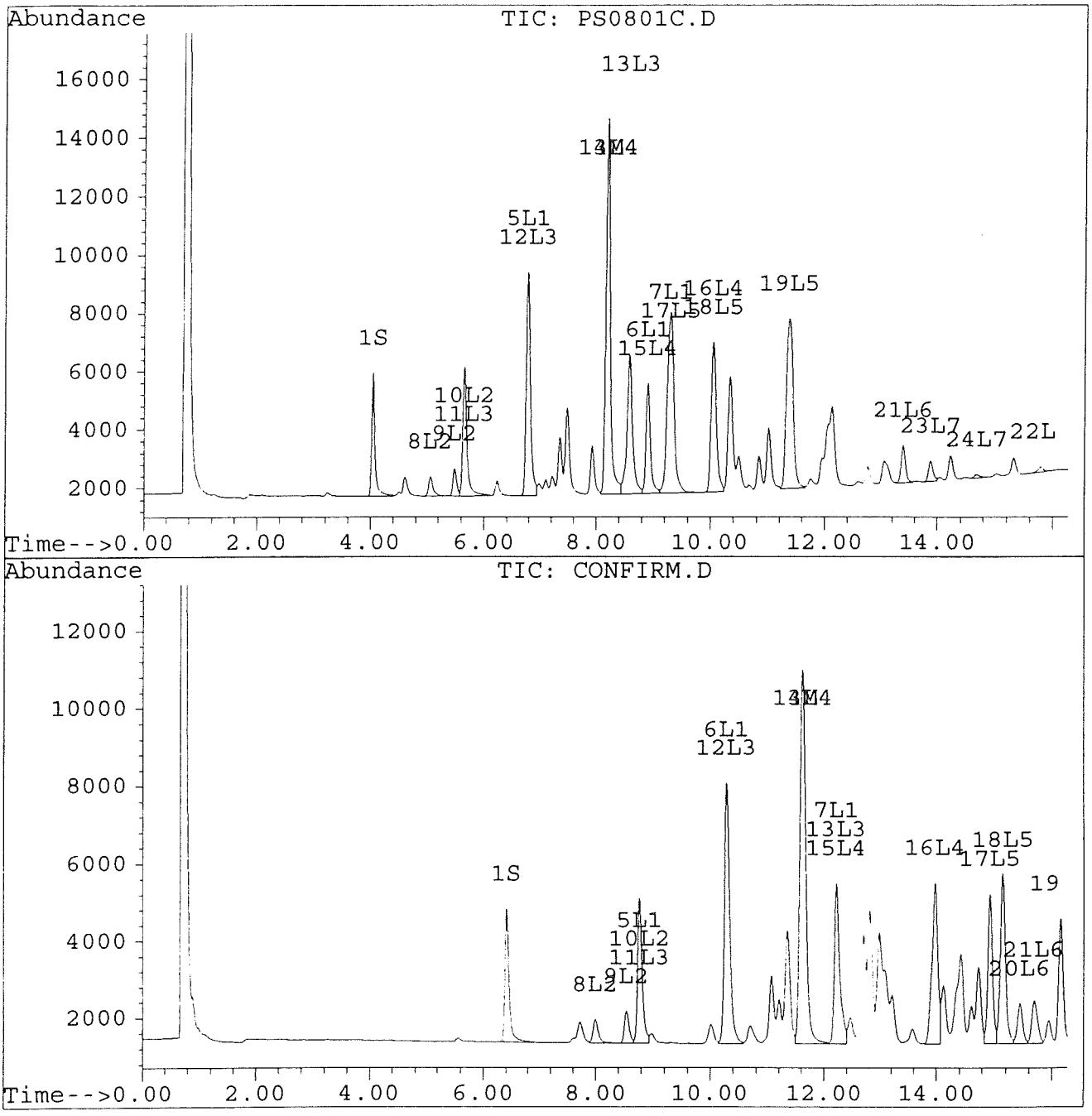
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\PS0801C.D Vial: 3
Signal #2 : D:\HPCHEM\5\AU1\PS0801C.D\CONFIRM.D
Acq On : 01 Aug 96 03:02 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 16:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

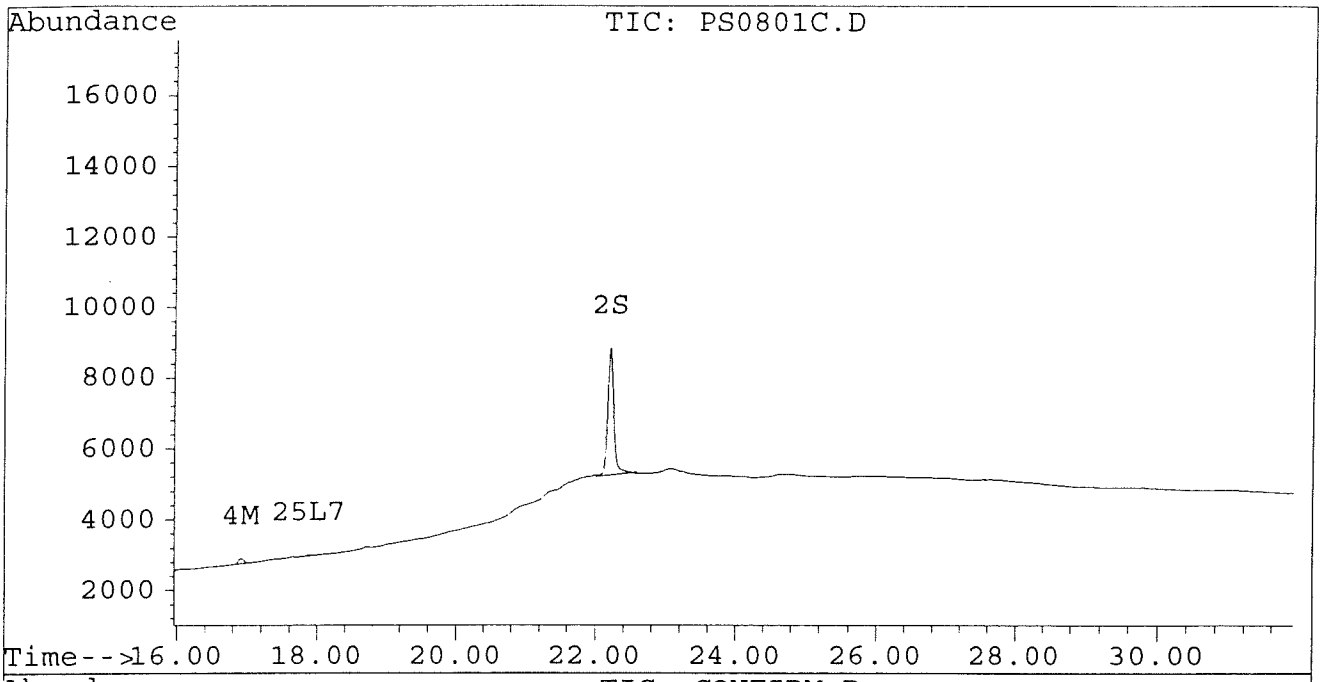


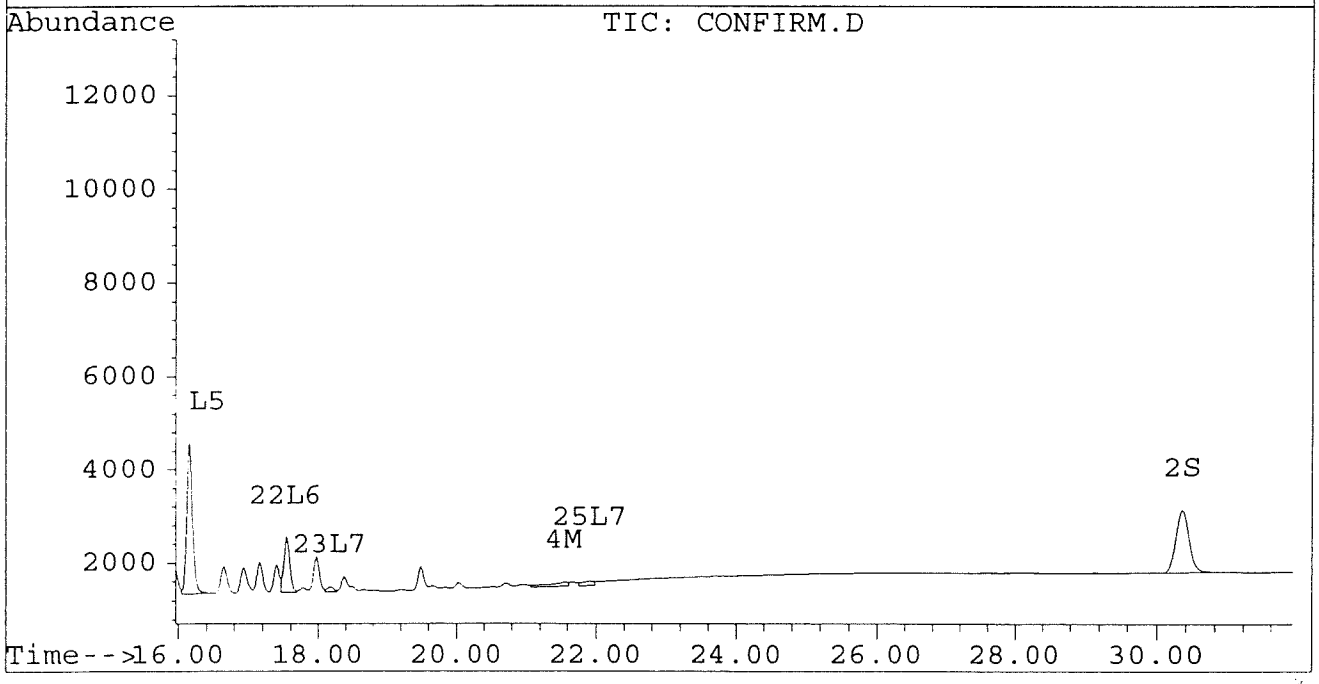
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\PS0801C.D Vial: 3
Signal #2 : D:\HPCHEM\5\AU1\PS0801C.D\CONFIRM.D
Acq On : 01 Aug 96 03:02 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 16:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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\AU1\PS0801E.D Vial: 2
Signal #2 : D:\HPCHEM\5\AU1\PS0801E.D\CONFIRM.D
Acq On : 01 Aug 96 10:32 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 16:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	4.04f	6.41f	4219	3463	0.019	0.020
					Recovery	=	47.50%	50.00%
2)	S	Decachlorobiphenyl	22.20	30.35f	3535	1369	0.018m	0.016m
					Recovery	=	45.00%	40.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.19	0.00	294	0	0.003	N.D. #
4)	M	2,2',3,3',4,4'-Hexa	16.90	21.54	2797	2113	0.016	0.015
5)	L1	Aroclor-1016	6.78	8.77	167	61	0.006	0.005
6)	L1	Aroclor-1016 {2}	8.91	10.30	87	152	0.006	0.006
7)	L1	Aroclor-1016 {3}	0.00	12.23	0	79	N.D.	0.005 #
	Total	Aroclor-1016			253	292	0.011	0.016
	Average	Aroclor-1016					0.006	0.005
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	5.66	8.77	68	61	0.003	0.004
	Total	Aroclor-1221			68	61	0.003	0.004
	Average	Aroclor-1221					0.003	0.004
11)	L3	Aroclor-1232	5.66	8.77	68	61	0.004	0.004
12)	L3	Aroclor-1232 {2}	6.78	10.30	167	152	0.012	0.013
13)	L3	Aroclor-1232 {3}	8.57f	12.23	112	79	0.014	0.011
	Total	Aroclor-1232			347	292	0.029	0.028
	Average	Aroclor-1232					0.010	0.009
14)	L4	Aroclor-1242	8.19	11.62	294	242	0.007	0.008
15)	L4	Aroclor-1242 {2}	8.91	12.23	87	79	0.007	0.006
16)	L4	Aroclor-1242 {3}	10.04f	13.99	2593	2444	0.160	0.200
	Total	Aroclor-1242			2974	2764	0.174	0.215
	Average	Aroclor-1242					0.058	0.072
17)	L5	Aroclor-1248	0.00	14.93	0	3462	N.D.	0.158 #
18)	L5	Aroclor-1248 {2}	10.04f	15.15	2593	1096	0.100	0.048 #
19)	L5	Aroclor-1248 {3}	0.00	16.16	0	697	N.D.	0.040 #
	Total	Aroclor-1248			2593	5255	0.100	0.246
	Average	Aroclor-1248					0.100	0.082

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\PS0801E.D Vial: 2
Signal #2 : D:\HPCHEM\5\AU1\PS0801E.D\CONFIRM.D
Acq On : 01 Aug 96 10:32 PM Operator: JS
Sample : AR1254 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 16:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	11.95	15.44	9414	8406	0.321	0.347
21) L6	Aroclor-1254 {2}	13.39f	15.69	12963	8891	0.317	0.333
22) L6	Aroclor-1254 {3}	15.78f	17.54f	9329	11863	0.306	0.319
Total	Aroclor-1254			31706	29160	0.944	0.999
Average	Aroclor-1254					0.315	0.333
23) L7	Aroclor-1260	13.89f	18.17f	5886	4280	0.187	0.152
24) L7	Aroclor-1260 {2}	14.67f	18.49f	5339	4594	0.144	0.141
25) L7	Aroclor-1260 {3}	17.88f	21.91f	1282	1343	0.025	0.028
Total	Aroclor-1260			12507	10218	0.356	0.321
Average	Aroclor-1260					0.119	0.107
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.00	0.00	870	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\AU1\PS0801E.D
Signal #2 : D:\HPCHEM\5\AU1\PS0801E.D\CONFIRM.D
Acq On : 01 Aug 96 10:32 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 16:00 1996

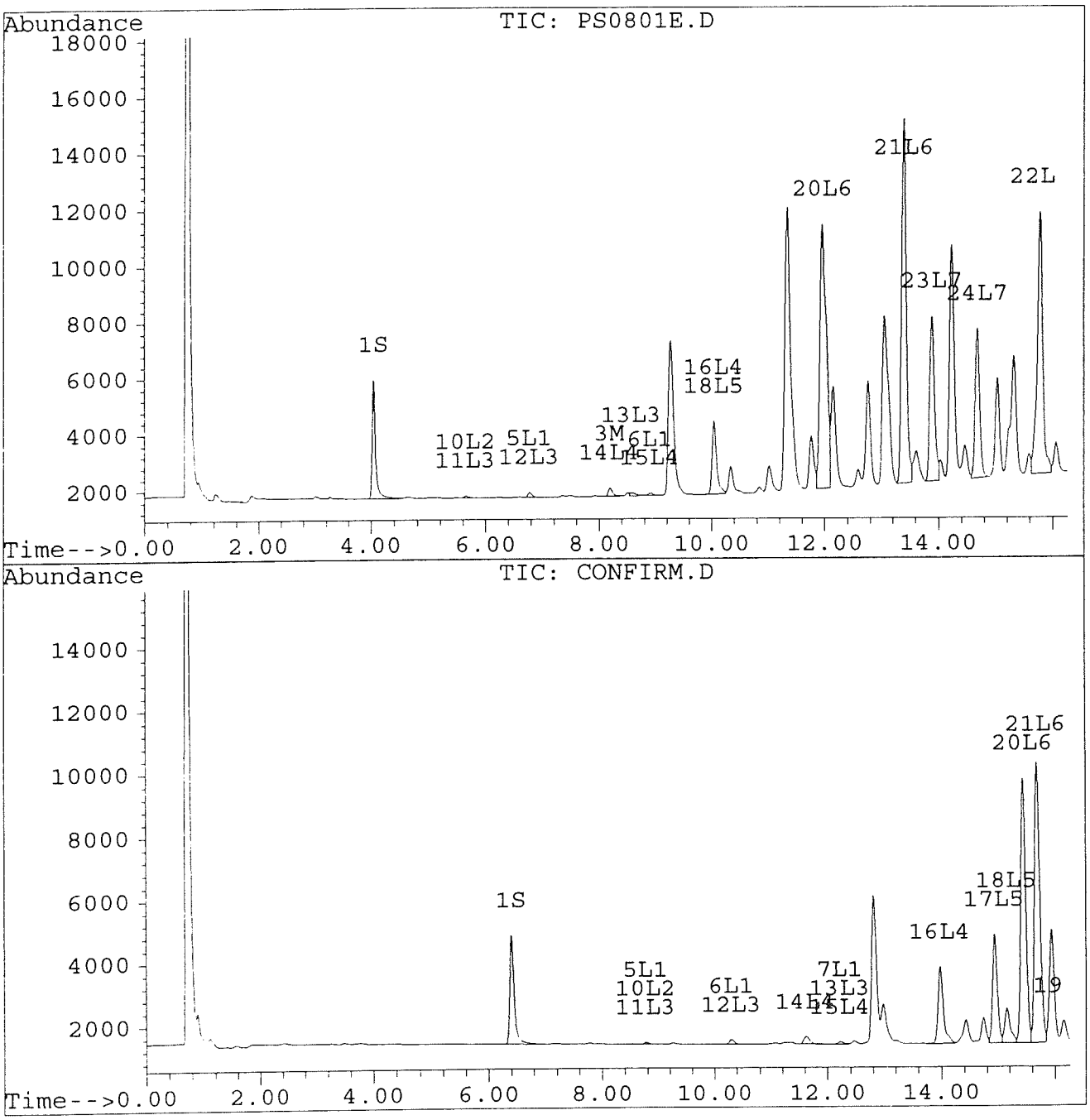
Vial: 2

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\PS0801E.D
Signal #2 : D:\HPCHEM\5\AU1\PS0801E.D\CONFIRM.D
Acq On : 01 Aug 96 10:32 PM
Sample : AR1254 1.0 UG/ML
Misc :
Quant Time: Aug 16 16:00 1996

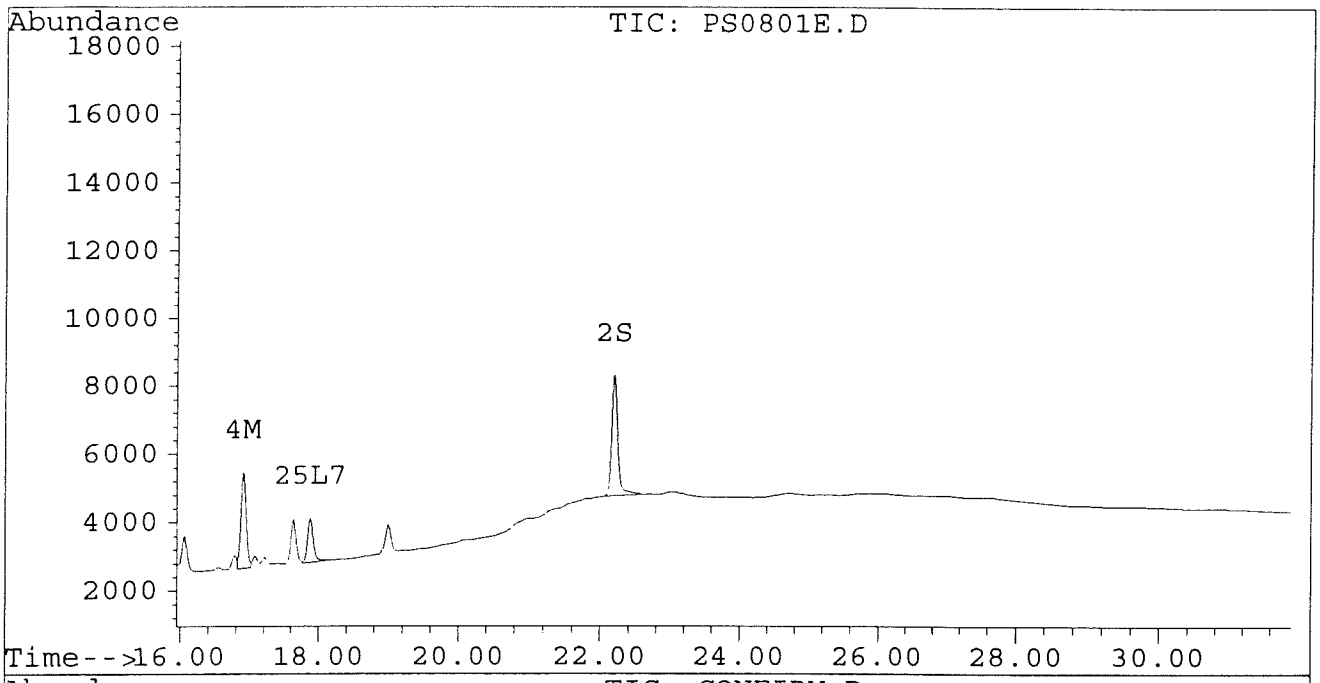
Vial: 2

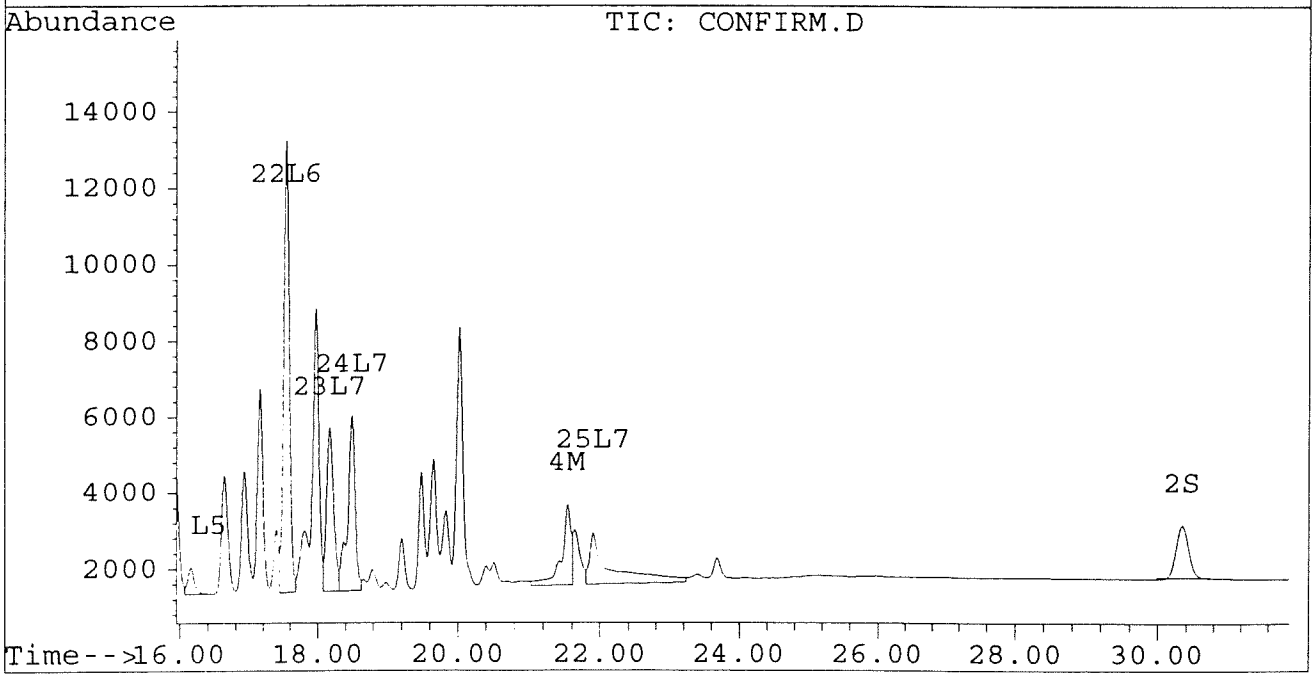
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

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





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\PS0801F.D Vial: 3
Signal #2 : D:\HPCHEM\5\AU1\PS0801F.D\CONFIRM.D
Acq On : 01 Aug 96 11:07 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 16:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	4.04f	6.41f	4399	3575	0.020	0.021
					Recovery	=	50.00%	52.50%
2)	S	Decachlorobiphenyl	22.20	30.35f	3928	1535	0.020m	0.018m
					Recovery	=	50.00%	45.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4)	M	2,2',3,3',4,4'-Hexa	16.91	21.55	198	37	0.001	0.000 #
5)	L1	Aroclor-1016	6.77	8.77	7872	3858	0.262	0.313
6)	L1	Aroclor-1016 {2}	8.90f	10.29f	3930	6945	0.251	0.275
7)	L1	Aroclor-1016 {3}	9.30	12.22f	6419	4283	0.267	0.271
	Total	Aroclor-1016			18221	15086	0.780	0.858
Average		Aroclor-1016					0.260	0.286
8)	L2	Aroclor-1221	5.06	8.00	676	628	0.096	0.103
9)	L2	Aroclor-1221 {2}	5.48	8.54	952	852	0.163	0.175
10)	L2	Aroclor-1221 {3}	5.65	8.77	4541	3858	0.225	0.251
	Total	Aroclor-1221			6169	5338	0.484	0.529
Average		Aroclor-1221					0.161	0.176
11)	L3	Aroclor-1232	5.65	8.77	4541	3858	0.249	0.269
12)	L3	Aroclor-1232 {2}	6.77	10.29	7872	6945	0.577	0.578
13)	L3	Aroclor-1232 {3}	8.58	12.22f	4971	4283	0.600	0.618
	Total	Aroclor-1232			17384	15086	1.426	1.465
Average		Aroclor-1232					0.475	0.488
14)	L4	Aroclor-1242	8.19	11.63	13419	10158	0.329	0.352
15)	L4	Aroclor-1242 {2}	8.90	12.22	3930	4283	0.323	0.341
16)	L4	Aroclor-1242 {3}	10.04	13.98	5362	4267	0.331	0.349
	Total	Aroclor-1242			22711	18708	0.983	1.043
Average		Aroclor-1242					0.328	0.348
17)	L5	Aroclor-1248	9.30	14.93	6419	4102	0.208	0.187
18)	L5	Aroclor-1248 {2}	10.04	15.15	5362	4680	0.206	0.206
19)	L5	Aroclor-1248 {3}	11.37	16.15	6096	3489	0.179	0.199
	Total	Aroclor-1248			17878	12271	0.593	0.592
Average		Aroclor-1248					0.198	0.197

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

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\PS0801F.D Vial: 3
Signal #2 : D:\HPCHEM\5\AU1\PS0801F.D\CONFIRM.D
Acq On : 01 Aug 96 11:07 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 16:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #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	1085	N.D.	0.045 #
21) L6	Aroclor-1254 {2}	13.39f	15.69	1361	1166	0.033	0.044 #
22) L6	Aroclor-1254 {3}	15.79	17.54	213	1270	0.007	0.034 #
Total	Aroclor-1254			1574	3520	0.040	0.123
Average	Aroclor-1254					0.020	0.041
23) L7	Aroclor-1260	13.88f	18.17f	736	108	0.023	0.004 #
24) L7	Aroclor-1260 {2}	14.68	0.00	131	0	0.004	N.D. #
25) L7	Aroclor-1260 {3}	17.89	21.92	29	21	0.001	0.000
Total	Aroclor-1260			897	129	0.027	0.004
Average	Aroclor-1260					0.009	0.002
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	28.12	0	31	N.D.	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

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

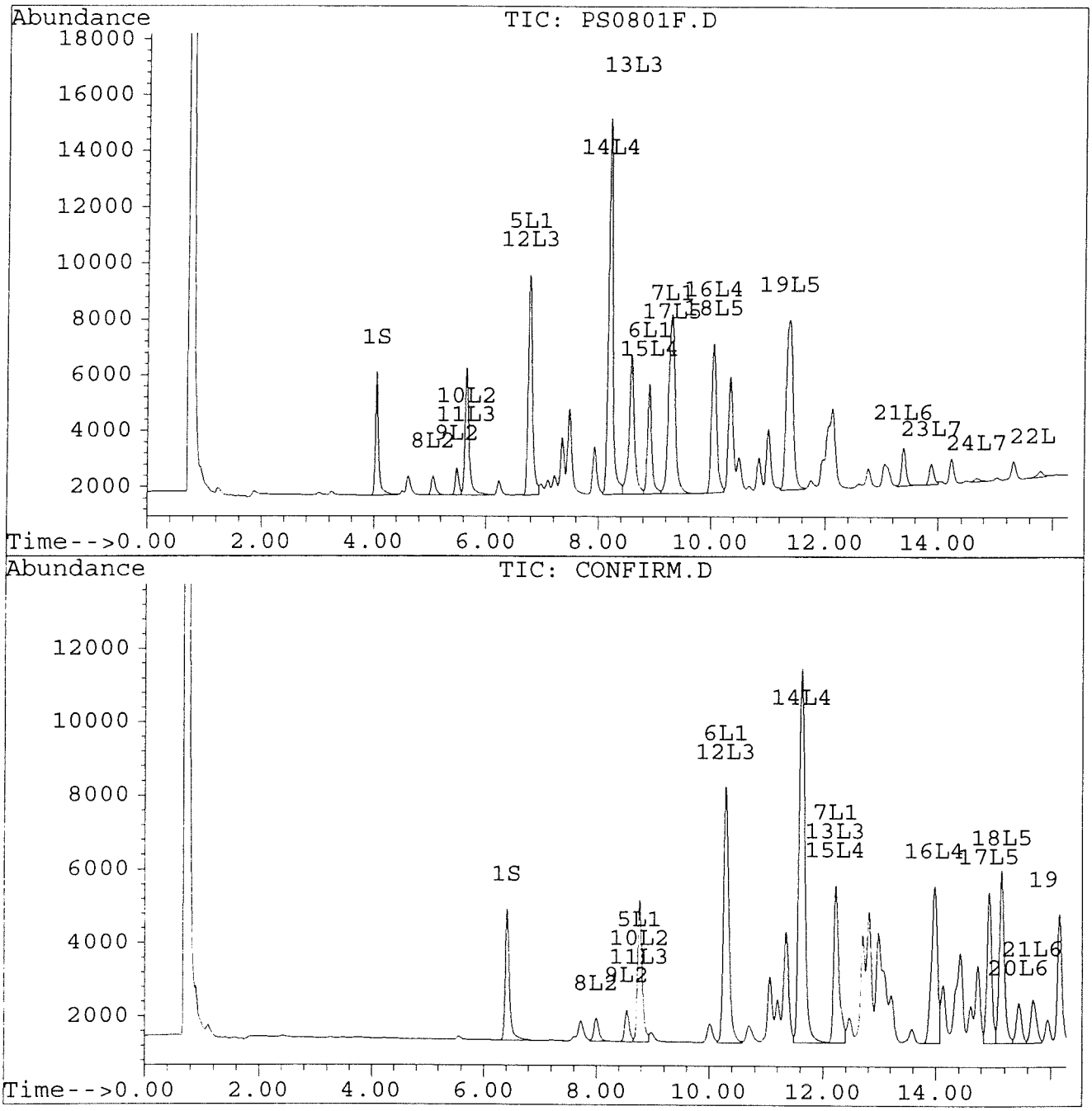
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\PS0801F.D
Signal #2 : D:\HPCHEM\5\AU1\PS0801F.D\CONFIRM.D
Acq On : 01 Aug 96 11:07 PM
Sample : AR1242 1.0 UG/ML
Misc :
Quant Time: Aug 16 16:01 1996

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

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

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

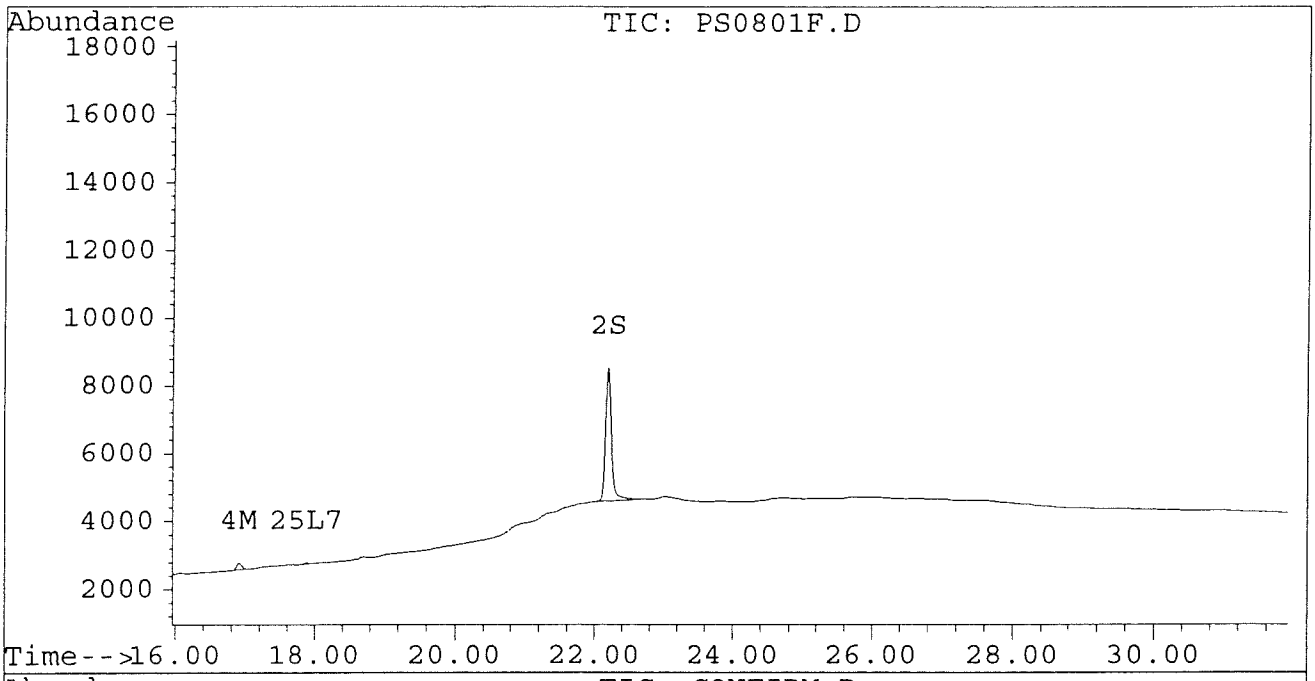


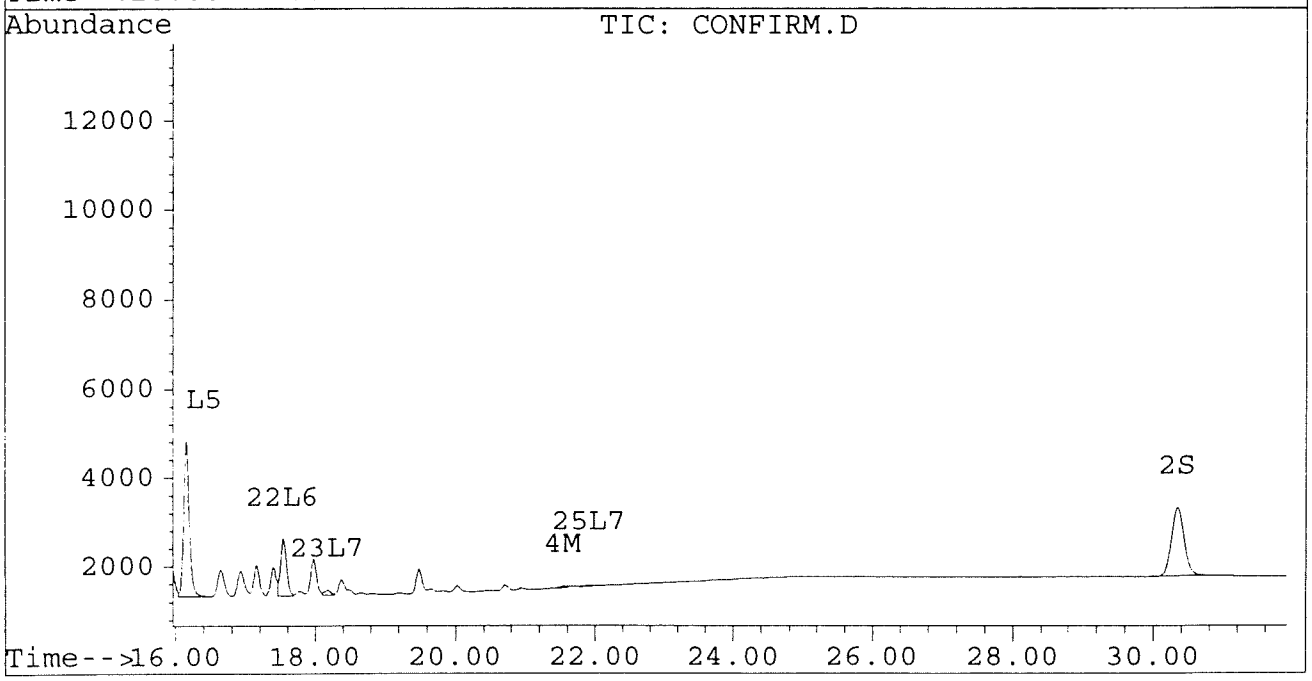
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU1\PS0801F.D Vial: 3
Signal #2 : D:\HPCHEM\5\AU1\PS0801F.D\CONFIRM.D
Acq On : 01 Aug 96 11:07 PM Operator: JS
Sample : AR1242 1.0 UG/ML Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Aug 16 16:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1F.M
Title : PCB 5 LEVEL
Last Update : Mon Aug 12 14:17:06 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 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:	7/15/96	Analysis:	PCB			Sample Matrix:	Soil	Project #:	C0655		
Blank ID:	P0715-B1	Method:	sonicator			Analyst:	JR	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	
P0715-B1		30.0 g	2 mL SW9606128		—	—	7/15/96	10 mL	7/17/96		
~~C0655~~		3									
-LCS1		30.0 g		1 mL PW9606128						JSO	
C0655-01	AVHB	30.3 g									
-02	BVHB	30.0 g									

JR 7/17/96

Page 1 of 1

Page 035

Orgprep4
12/12/95

Solvent Track:

GPC Batch Number:
Florisil Lot Number:

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

ate:	07/19/96	Analysis:	PCB			Sample Matrix:	Soil	Project #:	C0680
ank ID:	P0719-B1	Method:	Sonic			Analyst:	ASD	Client:	VHB

ab ample 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
719-B1		30.0 g	2mL PW960522A				9/20/96	10mL Hexane	7/24/96	
-LCS1		30.0 g		1mL PW960626A						
0680-01	PGM8	30.4 g								
-01MS	↓	30.5 g		1mL PW960626A						
-01MSD		30.2 g		↓						
-02	PGM11	30.4 g								
-03	PGM1	30.1 g								
-04	PGM4	30.4 g								
-05	~~PGM5~~ PGM6	30.5 g								
-06	PGM5	30.4 g								
-07	PG8	30.5 g								
-08	PG12	30.5 g								
-09	PG4	30.5 g								
-10	PG7	30.5 g								
-11	PG10	30.1 g								
-12	PG1	30.4 g								
-13	PG4	30.4 g								
-14	PG7	30.0 g	↓	↓	↓	↓	↓	↓	↓	

JK 7/24/96

Solvent Track:

GPC Batch Number:
Florisil Lot Number:

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

Date:	07/19/96	Analysis:	PCB			Sample Matrix:	Soil	Project #:	C0680
Blank ID:	P0719-B1	Method:	Sonic			Analyst:	JSO	Client:	VHB

Lab Sample ID	Client Sample ID	Weight/ Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments
P0C1630-15	PG Q11	30.2 g	2mL PM960522A	—	—	—	7/20/96	10mL Hexane	7/24/96	
-16	S2	30.4 g	↓	↓	↓	↓	↓	↓	↓	
-17	S4	30.3 g	↓	↓	↓	↓	↓	↓	↓	
-18	S6	30.1 g	↓	↓	↓	↓	↓	↓	↓	
-1										

JSO 7-19-96

JSO 7-19-96

7/24/96

GPC Batch Number:

Florisil Lot Number:

Solvent Track:

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

Date:	7-24-96	Analysis:	PCB			Sample Matrix:	AQ	Project #:	CC650	
Blank ID:	PC724-B3	Method:	Sep Funnel			Analyst:	RC	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
PC724-B3		1L	2ml PW960522A	1ml PW960617A			7/26/96	10mL Hexane	7/29/96	
	LCS3									
PCC650	-29									
	-30		1ml PW960522A							
	-31									
	-32									
	-40									
	-41									
	-42					JSO	7/29/96			

82C

[redacted] ORGANIC PREP LAB - SAMPLE PREPARATION :Pesticides/PCB

[redacted]	10/19/96	Analysis:	PCB			Sample Matrix:	Soil	Project #:	LO680	
Batch ID:	PO719-B2	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
PO719-B2		30.0 g	2mL PW961005221	1mL PW960617A			7-20-96	10mL Hexane	7-29-96	
-LCS2		30.0 g								
PCO680-19		30.5 g								
-20	PGU2	30.2 g								
-21	PGU3	30.5 g								
-21MS	MS	30.0 g		1mL PW960617A						
-21MSD	MSD	30.5 g								
22	PGU8	30.1 g								
-23	PGV3	30.1 g								
-24	V4	30.1 g								
-25	V6	30.5 g								
-26	DGG7	30.5 g								
-27	DGU2	30.2 g								
-28	DGV6	30.5 g								
-33	PGOO5	30.3 g								
-34	PM 10:00 ~~406~~	30.2 g								
-35	PM10:012	30.5 g								
-36	RM10:012	30.1 g								

GPC Batch Number:
Florisil Lot Number:

[redacted] CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION :Pesticides/PCB

	07/19/96	Analysis:	PCB			Sample Matrix:	Soil		Project #:	CC680	
Blank ID:	P0719-BZ	Method:	Sonic			Analyst:	ASD		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	
36 PCC680-36	PM4:06	30.5 g	2mL DW960522A				7-20-96	→ 10mL Hexane	7-29-96		
36 -38	DM4:06	30.5 g	↓	↓	↓	↓	↓	↓	↓		
33 -39	RM4:06	30.4 g									
			1SC 7/22/96						1SC 7/29/96		

Solvent Track:

GPC Batch Number:
Florisil Lot Number:

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

Date:	7/22/96	Analysis:	PCB			Sample Matrix:	Soil		Project #:	C0680	
Blank ID:	P0722-B	Method:	Sonic			Analyst:			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	
P0722-LCS1		30.0	PW396 6617B	PW396 8617A	—	—	7/22/96	5ml	7-29-96		
PC0680-43		13.80									
-44		14.10		—							
				7-29-96 BFD						7-29-96 BFD	

MITKEM CORP. % Moisture and % Solid Determination Log Book

Date In	Sample ID	Oven Temp. In	Tare Wt. (g)	Wet Wt. (g)	Wet Wt. Tared (g)	Date Out	Oven Temp. Out	Dry Wt. (g)	Dry Wt. Tared (g)	% Solids	Analyst	Calc. Checked
7/10/96	C0663-03	95°C	1.0g	4.6	3.6	7/18/96	100°C	4.3	3.3	92	BFD JSO	
↓	C0665-01	↓	↓	7.1	6.1	↓	↓	6.6	5.6	92	↓	
	~~C0672-03~~ 08/7/96											
↓	C0678-01	100°C	1.0g	9.2	8.2			8.3	7.3	89		
7-17-96	C0623-11		1.0g	9.3	8.3	↓	↓	7.8	6.8	82	↓	
7-18-96	C0661-01		1.0g	7.6	6.6	7/19/96	75°	6.0	5.0	76		
	C0666-01		↓	6.0	5.0	↓	↓	6.5	5.5	92		
	C0666-02			6.8	5.8			6.1	5.1	88		
	C0666-03			6.0	5.0			5.7	4.7	94		
	C0666-04		↓	6.2	5.2			5.2	4.2	87		
7/13/96	C0677-05	107°C	1.0g	10.1	9.1			10.0	9.0	99	JSO	
	-06	↓	↓	10.7	9.7	↓	↓	10.6	9.6	99	↓	
7/19/96	C0677-09	105°	1.0g	8.6	7.6	7/22/96	90°C	7.5	7.5	99		
7/14/96	C0680-01		1.0g	8.5	7.5			8.1	7.1	95	JSO JSO	
	-02			8.3	7.3			7.5	6.5	89		
	-03			10.0	9.0			8.3	7.3	81		
	-04			9.3	8.3			8.5	7.5	90		
	-05			9.6	8.6			8.1	7.1	83		
	-06			9.1	8.1			7.9	6.9	85		
	-07			8.6	7.6			8.0	7.0	92		
	-08			8.0	7.0			7.1	6.1	87		
	-09		↓	9.3	8.3	↓	↓	8.1	7.1	86	↓	

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

% Moisture = 100 - % Solid

MITKEM CORP. % Moisture and % Solid Determination Log Book

Date In	Sample ID	Oven Temp. In	Tare Wt. (g)	Wet Wt. (g)	Wet Wt. Tared (g)	Date Out	Oven Temp. Out	Dry Wt. (g)	Dry Wt. Tared (g)	% Solids	Analyst	Calc. Checked
7/17/96	CO680 -10	101°	1.0g	9.6	8.6	7/22/96	90°C	9.1	8.1	94	JS. JSO	
	-11			9.1	8.1			8.5	7.5	93		
	-12			9.4	8.4			8.2	7.2	86		
	-13			7.8	6.8			6.8	5.8	85		
	-14			9.3	8.3			8.5	7.5	90		
	-15			8.8	7.8			8.0	7.0	90		
	-16			7.9	6.9			7.1	6.1	88		
	-17			9.2	8.2			8.7	7.7	94		
	-18		↓	8.2	7.2			7.0	6.0	83	↓	
	-19		1.0g	11.2	10.2			10.5	9.5	93	JSO	
	-20			7.6	6.6			6.8	5.8	88		
	-21			8.5	7.5			7.7	6.7	89		
	-22			8.6	7.6			8.2	7.2	95		
	-23			8.4	7.4			6.9	5.9	80		
	-24			8.7	7.7			8.0	7.0	91		
	-25			10.4	9.4			9.6	8.6	91		
	-26			9.4	8.4			8.7	7.7	92		
	-27			7.6	6.6			7.0	6.0	91		
	-28			6.9	5.9			6.4	5.4	92		
	-33			6.9	5.9			6.2	5.2	88		
	-34			8.1	7.1			7.4	6.4	90		
↓	-35	↓	↓	7.4	6.4	↓	↓	6.7	5.7	89	↓	

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

% Moisture = 100 - % Solid

%solids
08/03/95

MITKEM CORP. % Moisture and % Solid Determination Log Book

Date In	Sample ID	Oven Temp. In	Tare Wt. (g)	Wet Wt. (g)	Wet Wt. Tared (g)	Date Out	Oven Temp. Out	Dry Wt. (g)	Dry Wt. Tared (g)	% Solids	Analyst	Calc. Checked
7/19/96	C06280-36	101°C	1.0g	7.3	6.3	7/22/96	90°C	6.4	5.4	86	JSO JSU	
	-37			6.7	5.7			5.9	4.9	86		
	-38			10.7	9.7			9.3	8.3	86		
	39			7.4	6.4			6.3	5.3	83		
	C06716-01	101°C	1.0g	7.3	6.3			6.8	5.8	92		jcw 7/19/96
7/20/96	C06718-01	101°C	1.0g	10.8	9.8							7/20/96
	-01D			10.01	9.1			10.1	9.1	93	MF	MF
	-02			8.8	7.8			9.5	8.5	93		
	-03			11.0 10.1	10.0			8.3	7.3	94		
	-04			11.3 10.4	10.3			10.4	9.4	94		
	-05			13.3 12.5	12.3			10.7	9.7	94		
	-06			13.3	12.3			11.3	10.3	84		
	-07			10.6	9.6			8.6	7.6	62		
	-08			8.2	7.2			9.2	8.2	85		
	-09			13.6	12.6			6.8	5.8	81		
	-10			11.0	10.0			12.2	11.2	89		
	-11			11.4	10.4			9.6	8.6	86		
	-12			10.1	9.1			9.5	8.5	82		
	-13			13.4	12.4			9.4	8.4	92		
	-14			14.2	13.2			8.9 8.4	7.9 7.4	64 56		

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

% Moisture = 100 - % Solid

MITKEM CORPORATION

Project #:	**C0655**
nt Name:	**VHB**
nt Project #:	**NA**
t PO #:	
ect Name:	**Boliden Metech**
Due:	**7/26/96**
l Price:	**$ 140.00**
verables Req'd:	**NA**
e Completed:	**YES**

Logged In By: MS

Reviewed By: DK

Date: 7/12/96 Time: 5:17

ID	Client ID	Matrix	Analysis	Price	Sampled	Received	Comments
	AVHB	SL	PCB	70.00		7/12/96	
	BVHB	SL	PCB	70.00		7/12/96	

TES:

TPH	IR	BNA	Herb	P/P	Wet	Met	Voa	Sub
0	0	0	0	2	0	0	0	0

IGINAL REPORT GOES TO:

B, Inc.
Walnut Street
tertown, MA 02272
T: Jeff Gower
ne: 617 924-1770
: 617 923-2336

INVOICE GOES TO:

same

DITIONAL REPORT GOES TO:

e

ADDITIONAL REPORT GOES TO:

none

MITKEM CORPORATION

ID	Client ID	Matrix	Analysis	Price	Sampled	Received	Comments
	DEQAQC U8	W	PCB	70.00	7/18/96	7/18/96	
	~~PG 005~~ P(M7:09) (1-2') KOS	SL	PCB	70.00	7/18/96	7/18/96	
	PM10: O12	SL	PCB	70.00	7/18/96	7/18/96	
	DM10: O12	SL	PCB	70.00	7/18/96	7/18/96	
	RM10: O12	SL	PCB	70.00	7/18/96	7/18/96	
	PM4: O6	SL	PCB	70.00	7/18/96	7/18/96	
	DM4: O6	SL	PCB	70.00	7/18/96	7/18/96	
	RM4: O6	SL	PCB	70.00	7/18/96	7/18/96	
	DEQAQC M10:07 KOS	W	PCB	70.00	7/18/96	7/18/96	
	DEQAQC M7:09	W	PCB	70.00	7/18/96	7/18/96	
	DEQAQC M4: 06	W	PCB	70.00	7/18/96	7/18/96	
	AVHB2	SL	PCB	70.00	7/19/96	7/12/96	1/2 volume no % Solid
	BVHB2	SL	PCB	70.00	7/19/96	7/12/96	

TPH	IR ✓	BNA	Herb	P/P ✓	Wet	Met	Voa	Sub
0	0	0	0	48	0	0	0	0

NOTES:
R1: SAMPLES -43 & -44 ARE TO BE RUN PRIOR TO RUNNING ALL OTHER SAMPLES
SAMPLES -43 & -44 USED TO BE IN PROJECT C0655
ADDITIONAL ANALYSES REQUESTED ON 7/22/96

ORIGINAL REPORT GOES TO:
IB, Inc.
1 Walnut Street
ertown, MA 02212
Jeff Gower
one: 617 924-1770
x: 617 923-2336 924-2286

INVOICE GOES TO:
same

MITKEM 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 V+B	PHONE	COMPANY V+B	PHONE 617-924-1770	LAB REFERENCE #:
NAME Jeff Gower	FAX	NAME Attn: Jeff Gower	FAX 617-923-2336	
ADDRESS		ADDRESS 101 Walnut St., Watertown, MA 02172		TURNAROUND TIME:
CITY/ST/ZIP		CITY/ST/ZIP		

CLIENT PROJECT NAME: Baldwin Mitech

CLIENT PROJECT #:

CLIENT P.O.#:

REQUESTED ANALYSES

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	TOTAL PCB's											COMMENTS
AV113	- / -				X				✓											
BV113	- / -				X				✓											
	/																			
	/																			
	/																			
	/																			
	/																			
	/																			
	/																			
	/																			
	/																			

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
1st	Timothy M Downey	7/12/96	[signature]	7/12 13:55
2nd		/		/
3rd		/		/

ADDITIONAL REMARKS:

COOLER TEMP:

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CHAIN-OF-CUSTODY RECORD

Page 1 of 4

INVOICE TO		REPORT TO		
COMPANY VHB, Inc.	PHONE 617/924-1770	COMPANY (same)	PHONE	LAB REFERENCE #:
NAME Jeff Gower	FAX 617/924-2286	NAME	FAX	
ADDRESS 101 Walnut St.		ADDRESS		TURNAROUND TIME: Standard
CITY/ST/ZIP Watertown MA 02272		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Boliden Metech	30632.13	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: PCB 8080	COMMENTS
PGM8	7/18 /		X		X			1	X	
PGM11	7/18 /		X		X			1	X	
PGN1	7/18 /		X		X			1	X	
PGN4	7/18 /		X		X			1	X	
PGN6	7/18 /		X		X			1	X	
PG O5	7/18 /		X		X			1	X	
PG O8	7/18 /		X		X			1	X	
PGO12	7/18 /		X		X			1	X	
PGP4	7/18 /		X		X			1	X	
PGP7	7/18 /		X		X			1	X	
PGP10	7/18 /		X		X			1	X	
PGQ1	7/18 /		X		X			1	X	

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
1st	Anthony J. Zemba	7/18/96 2:29	Kristen E. Jacobs	7/18 1:20		
2nd		/		/		
3rd		/		/		

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CHAIN-OF-CUSTODY RECORD

INVOICE TO		REPORT TO		
COMPANY VHB, Inc.	PHONE 617/924-1770	COMPANY (same)	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 02272		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Bolden Metech	7032.13	

REQUESTED ANALYSES: TCL SVOC

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	TCL SVOC	COMMENTS
PBQ4	7/18/96		X		X			1	X	
PBQ7	"		X		X			1	X	
PBQ11	"		X		X			1	X	
PBS2	"		X		X			1	X	
PBS4	"		X		X			1	X	
PBS6	"		X		X			1	X	
PBST9	"		X		X			1	X	
PBU2	"		X		X			1	X	
PBU3	"		X		X			1	X	
PBU8	"		X		X			1	X	
PBV3	"		X		X			1	X	
PBV4	"		X		X			1	X	
PBV6	"		X		X			1	X	

	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
1st	Anthony J. Zambo	7/18/96 2:29	[illegible] Parker	7/18 2:35
2nd		/		/
3rd		/		/

ADDITIONAL REMARKS:

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CHAIN-OF-CUSTODY RECORD

INVOICE TO		REPORT TO		
COMPANY VHB, Inc	PHONE 617/924-1739	COMPANY (same)	PHONE	LAB REFERENCE #:
NAME Jeff Bower	FAX 617/923-2336	NAME	FAX	
ADDRESS 101 Walnut St.		ADDRESS		TURNAROUND TIME: Standard
CITY/ST/ZIP Watertown, MA 02172		CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Bolden Kletech	70637.13	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: PCB 8080	COMMENTS
DE-Q7	7/18/96		X		X			1	X	
DE U2	7/18/96		X		X			1	X	
DE V6	7/18/96		X		X			1	X	
DEQAQC M8	7/18/96			X				1	X	
DEQAQC N1	7/18/96			X				1	X	
DEQAQC Q1	7/18/96			X				1	X	
DEQAQC U8	7/18/96			X				1	X	
~~DE-Q85~~ PM7:09	7/18/96		X		X			1	X	
PM10:012	7/18/96	X			X			1	X	
DM10:012	7/18/96	X			X			1	X	
RM10:012	7/18/96	X			X			1	X	

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
1st	Anthony J. Zemba	7/18/96 2:29	Kimberly E. Barber	7/18 2:35		
2nd		/		/		
3rd		/		/		

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CHAIN-OF-CUSTODY RECORD

Page 4 of 4

INVOICE TO		REPORT TO		
COMPANY VHB, Inc.	PHONE 617/924-1770	COMPANY (same)	PHONE	LAB REFERENCE #:
NAME Jeff Bower	FAX 617/924-2286	NAME	FAX	
ADDRESS 101 Walnut St.		ADDRESS		TURNAROUND TIME: Standard
CITY/ST/ZIP Watertown, MA 02272		CITY/ST/ZIP		

CLIENT PROJECT NAME: Bolden Metech

CLIENT PROJECT #: 70632.13

CLIENT P.O.#:

REQUESTED ANALYSES: TCLP BOD

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	COMMENTS
PM4:06	7/18/96	X			X			1	
DM4:06	7/18/96	X			X			1	
RM4:06	7/18/96	X			X			1	
DEQAQCM10:012	7/18/96			X				1	
DEQAQCM7:09	7/18/96			X				1	
DEQAQCM4:06	7/18/96			X				1	
~~DEQAQCM7~~	7/18/96			X				1	Sample broke en route aff
	/								
	/								
	/								
	/								
	/								

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
1st	Anthony J. Zenton	7/18/96 / 2:29	Kristen Talbot	7/18/2:25
2nd		/		/
3rd		/		/

ADDITIONAL REMARKS:

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Last Page of Data Report