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OXFORD ENVIRONMENTAL, INC.

SUPERVISOR'S DAILY TIME & MATERIAL LOG

JOB NO. 9703
CLIENT Cornell Dubilier - DSC
PROJECT
LOCATION S. Plainfield, N.J.

SUPERVISOR John Hendry
FOREMAN Tony S.
WEATHER Cold - Overcast
TEMPERATURE 30° F

DAY: M (T) W TH F S SU

OXFORD PM John H.
OXFORD HSO Scott D.

DATE 11 / 30 / 99

START 6:00 (AM) PM
END 4:30 AM (PM)
Travel

LABOR

	NAME	CLASSIF.	ITEMS OF WORK: ① Drum Sampling	② Stockpile Sampling	③ Spread Topsoil	④ Replace Silt Fence	⑤ Reshape (cover Stockpile)	REG	OT	TOTAL	REMARKS
1	J. Hendry	Supvr	1	1	4.5	.5	1	8	2	10	1/2 Lunch
2	T. Scittolare	Foreman	1	1	4.5	.5	1	8	2	10	"
3	S. Downshower	HSO	0	0	6	.5	1.5	8	2	10	"
4	Andy - EPA	Oversight									
5											
6											
7	NOTE: Two Hours off Travel										
8											
9											
10											
11											
12											
13											

Travel

EQUIPMENT / MATERIAL

	TYPE / MAKE / MODEL	OWNER	ITEMS AS ABOVE					REG	OT	TOTAL	REMARKS
1	O.E. Truck	OE							X		1 DAY
2	" "	OE							X		1 DAY
3	Shovels, Rake, Pick	OE			X	X					1 DAY
4	Soil Sampling Equip	OE	X	X							1 DAY
5	Decon Equip.	OE	X	X							1 DAY
6	Plastic	DSC					X				2 Rolls
7	Topsoil	DSC			X						8 Loads
8	Silt Fence	DSC				X					3 Rolls
9	Bob Cat	DSC			X		X				1 DAY
10											

DAILY PRODUCTION

	ITEM NO.	LOCATION	ITEM DESCRIPTION	QTY / UNIT
1		5 Drum / 2 Drum	Collected 2 Composite Samples	2 / Smple
2		Stockpile	1 Waste Char. - 5 PCBs	5 / 1 Smple
3		Site	Received 8 Loads, Spread 6	8 / Loads
4		Stream & Sink Hole	Replaced Fence & Stream & Sink Hole	2 / Rolls
5		Stockpile	Covered w/ 2 Rolls of Plastic	2 / Rolls

AUTHORIZATION

APPROVED FOR: DSC - Noerpak
DATE: 11 / 30 / 99
NAME & TITLE: John Hendry

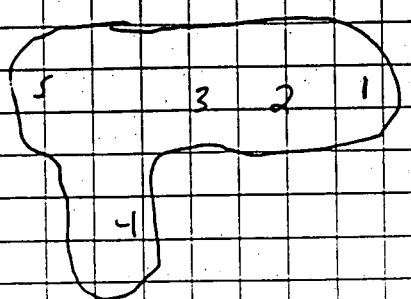
AUTHORIZED SIGNATURE

NOTES

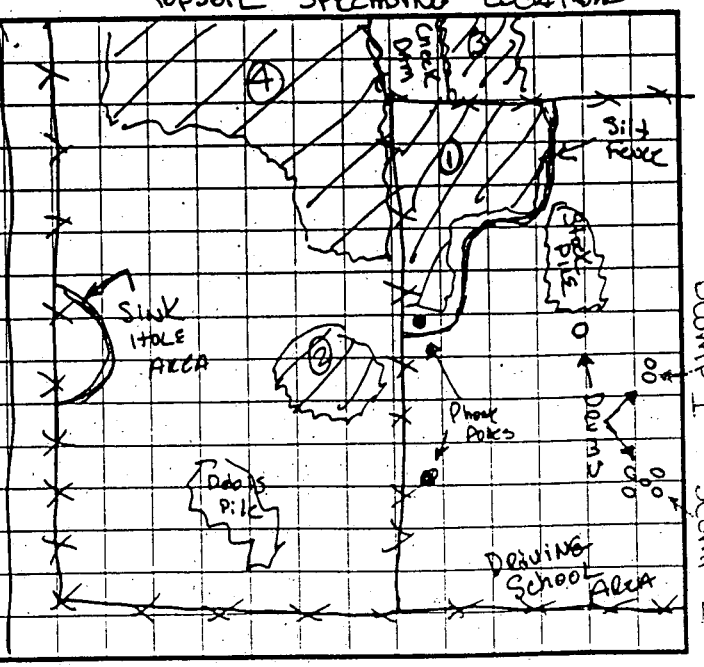
7:00 am	Arrived @ Site 7:00 am, met w/ EPA & DSC personnel (JOHN)
7:30 am	Received Fence & Plastic, Accredited DROPPED off Bottles
8:00 - 12:00	Received 4 Loads of Topsoil, Replaced Silt Fence by Stream. JN & TS collected (2) composite samples from drum areas. Five Drums contained F.D. Tank? bottoms & Product, Two Drums contained PCB? Parts & Soil. Conducted Sampling in Level "C" PPE. Scad D. Reshaped Soil Stockpile & Spread 4 Loads of Topsoil w/ Bobcat. Filled boring hole w/ sand.
12:00 - 12:30	Lunch
12:30 - 3:00	Received & Spread 2 Loads of Topsoil, and Covered Stockpile w/ Plastic Sheeting.
3:00 - 3:15	Cleanup
	Topsoil Areas (see map below)
	① 6,679 SF
	② 500 SF
	③ 375 SF
Total SF	7,554

FIGURES

Stockpile Sample Locations



Topsoil Spreading Locations



OXFORD ENVIRONMENTAL, INC.

SUPERVISOR'S DAILY TIME & MATERIAL LOG

JOB NO. 9703
CLIENT Carnell Dubilier – DSC
PROJECT
LOCATION S. Plainfield, N.J.

SUPERVISOR J. Hendry
FOREMAN T. Scrithorale
WEATHER Cold Clear
TEMPERATURE 28° F

DAY: M T (W) TH F S SU

DATE 12/1/99

OXFORD PM J. Hendry
OXFORD HSO Scott D.

START 7:00 (AM) PM
END 4:00 AM (PM)

LABOR

	NAME	CLASSIF.	① Spread Topsoil	② Seed	③ Repair Stone Check Dam	④ Hay/Mulch Silt Fence	⑤ Reshape Debris Pile	REG	~~OT~~ Travel	TOTAL	REMARKS
1	J. Hendry		2	1	.5			8.5	2	10.5	
2	T Scrithorale		2	1	.5	4.5	1	8.5	2	10.5	
3	S Donnenberg		2	1	.5			8.5	2	10.5	
4	Andy - EPA										
5											
6											
7											
8											
9	Note: Two Hours of Travel										
10											
11											
12											
13											

EQUIPMENT / MATERIAL

	TYPE / MAKE / MODEL	OWNER	ITEMS AS ABOVE					REG	~~OT~~ Travel	TOTAL	REMARKS
1	O.E. Truck	OE					1		X		1 DAY
2	" "	OE							X		1 DAY
3	Shovel, Rake, Pick	OE							[illegible]		1 DAY
4	Bob Cat	DSC	X				X		[illegible]		1 DAY
5	Seed	DSC		X					[illegible]		3 BAGS
6	HAY	DSC				X			[illegible]		2 Tons
7	Stone 2½ - 1½	DSC			X						38 Bails
8	Silt Fence	DSC				X					5 Rolls
9											
10											

DAILY PRODUCTION

	ITEM NO.	LOCATION	ITEM DESCRIPTION	QTY / UNIT
1		Site	SPREAD 2 LOADS (Delivered 11/30/99)	
2		Topsoil Areas	SPREAD 3 BAGS (1 WHEAT, 2 Reg Grass)	3 / BAGS
3		Check Dam	SPREAD 2 tons of 2½ / 1½" Stone	2 / tons
4		TOPSOIL AREAS	SPREAD 12,600 SF Seed, HAY - 180LF SFence	12,600 SF
5		Debris Pile Area	Reshaped ≈ 30 CY Pile	NA

AUTHORIZATION

APPROVED FOR: DSC - Norpak
DATE: 12/1/99
NAME & TITLE: John Hendry

AUTHORIZED SIGNATURE

NOTES

7:00	Arrived on-site met w/ EPA & John from DSC
7:15 - 11:00	Spread 2 topsoil piles which were delivered on 11/30/99. Mixed Seed & Spread over Topsoiled Areas. Scott D. consolidated debris Pile, surrounded it with silt Fence. Received and placed 2 1/2 / 1 1/2" stone @ check Dam Location. Removed debris from existing sediment controls in paved area. Replace Hay ~~Bales~~ with new.
11:00 - 11:30	Lunch
11:30 - 9:00	Waited for materials to arrive. Applied Hay to seeded areas (≈ 12,600 SF). Covered Drums w/ Plastic Bags. Installed silt Fence Along topsoiled areas within the driving School Location. Repaired snow fence between buildings. Installed Hay Bales @ check dam location.
	Topsoil Areas - See 11/30/99 for location & previous Quantities:
	④ 5,033
	Total for Job = 12,587 SF

FIGURES

See map from 11/30/99 Job sheet for details

ACCREDITED LABORATORIES, INC.
20 PERSHING AVENUE
CARTERET, NEW JERSEY 07008
PHONE: (732) 541-2025 / (800) ALI-LABS

CHAIN OF CUSTODY FORM

PAGE 1 OF 1

CLIENT	Oxford Env.	PROJECT	DSC / Cornell
ADDRESS	43 RT 46 East	CONTACT	J. Hendu
CITY	Pinebrook	PHONE	973-244-0600
STATE	NJ ZIP 07058	FAX	973-244-0722

ALI SAMPLE #	FIELD ID	*C	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
9912994	DCOMP-1	3	S	11/30	Drum	Full TCLP, TPH, RCRA ~~(Ch 10)~~ PCB,
**9912995	DCOMP-2	3	G	↓	Drum	↓
9912996	SP-1	3	S	↓	Soil From Pile	↓
9912997	SP-2	1	↓	↓	↓	PCB
9912998	SP-3	1	↓	↓	↓	↓
9912999	SP-4	1	↓	↓	↓	↓
9913000	SP-5	1	↓	↓	↓	↓

** - Biphasic sample - analyze oil phase.

**M = MATRIX A=AQUEOUS S=SOIL G=SLUDGE P=POTABLE WATER O=OIL F=FILTER K=SOLID X=OTHER

*C = NO. CONTAINERS TURNAROUND: STANDARD (If Blank, Std. 3 weeks)

DELIVERABLES (circle one) * STD REDUCED FULL NY-ASP CLP I CLP II

RELINQUISHED BY: PRINT	SIGN	RECEIVED BY: PRINT	SIGN	ORGANIZATION	DATE	TIME	REASON
Terry Scritbrook	[signature]	K. Roberts	Kevin Robert	ALI	11/30	13:40	TRANSFER
K. Roberts	Kevin Robert	[signature]	[signature]	ALI	11/30/99	1630	Analysis

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: SIGN:

*	QAI = Deliverables
COMMENTS	TPH = Method 8015
	Cooler Temp 25°C

ALI QUOTE#	
ALI CASE#	6401
P.O.#	

4 0
1 2 3 5

ACCREDITED LABORATORIES, INC.
TCLP VOLATILES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912994	DILUTION FACTOR	10
DATA FILE	>A5132	DATE EXTRACTED	
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-1	ANALYZED BY	ROBERT

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene	U	.050	0.5
78933	2-Butanone	U	.100	200.0
56235	Carbon Tetrachloride	U	.050	0.5
108907	Chlorobenzene	U	.050	100.0
67663	Chloroform	U	.050	6.0
75354	1,1-Dichloroethene	U	.050	0.7
107062	1,2-Dichloroethane	U	.050	0.5
127184	Tetrachloroethene	U	.050	0.7
79016	Trichloroethene	U	.050	0.5
75014	Vinyl Chloride	U	.100	0.2

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	76 %	76 - 114	OK
Toluene-d8	103 %	88 - 110	OK
Bromofluorobenzene	92 %	86 - 115	OK

(U) Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Butanone = Methyl ethyl ketone

ACCREDITED LABORATORIES, INC.
TCLP VOLATILES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912995	DILUTION FACTOR	1000
DATA FILE	>A5134	DATE EXTRACTED	
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-2	ANALYZED BY	ROBERT

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene	U	5.000	0.5
78933	2-Butanone	U	10.000	200.0
56235	Carbon Tetrachloride	U	5.000	0.5
108907	Chlorobenzene	U	5.000	100.0
67663	Chloroform	U	5.000	6.0
75354	1,1-Dichloroethene	U	5.000	0.7
107062	1,2-Dichloroethane	U	5.000	0.5
127184	Tetrachloroethene	U	5.000	0.7
79016	Trichloroethene	U	5.000	0.5
75014	Vinyl Chloride	U	10.000	0.2

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	104 %	76 - 114	OK
Toluene-d8	101 %	88 - 110	OK
Bromofluorobenzene	108 %	86 - 115	OK

(U) Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Butanone = Methyl ethyl ketone

ACCREDITED LABORATORIES, INC.
TCLP VOLATILES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912996	DILUTION FACTOR	10
DATA FILE	>A5133	DATE EXTRACTED	
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-1	ANALYZED BY	ROBERT

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene	U	.050	0.5
78933	2-Butanone	U	.100	200.0
56235	Carbon Tetrachloride	U	.050	0.5
108907	Chlorobenzene	U	.050	100.0
67663	Chloroform	U	.050	6.0
75354	1,1-Dichloroethene	U	.050	0.7
107062	1,2-Dichloroethane	U	.050	0.5
127184	Tetrachloroethene	U	.050	0.7
79016	Trichloroethene	U	.050	0.5
75014	Vinyl Chloride	U	.100	0.2

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	77 %	76 - 114	OK
Toluene-d8	103 %	88 - 110	OK
Bromofluorobenzene	94 %	86 - 115	OK

(U) Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Butanone = Methyl ethyl ketone

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912994	DILUTION FACTOR	10
DATA FILE	>F9822	DATE EXTRACTED	12/08/99
CLIENT NAME	DE	DATE ANALYZED	12/09/99
FIELD ID	DCOMP-1	ANALYZED BY	DANIEL

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
110861	Pyridine	U	.10	5.0
106467	1,4-Dichlorobenzene	U	.10	7.5
95478	2-Methylphenol	U	.10	200.0
108394	3&4-Methylphenol	U	.10	200.0
67721	Hexachloroethane	U	.10	3.0
989103	Nitrobenzene	U	.10	2.0
87683	Hexachlorobutadiene	U	.10	0.5
88062	2,4,6-Trichlorophenol	U	.10	2.0
9109104	2,4,5-Trichlorophenol	U	.50	400.0
121142	2,4-Dinitrotoluene	U	.10	0.13
118741	Hexachlorobenzene	U	.10	0.13
878610	Pentachlorophenol	U	.10	100.0

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
2-Fluorophenol	50 %	21 - 100	OK
Phenol-d5	54 %	10 - 94	OK
Nitrobenzene-d5	64 %	35 - 114	OK
2-Fluorobiphenyl	66 %	43 - 116	OK
2,4,6-Tribromophenol	75 %	10 - 123	OK
Terphenyl-d14	78 %	33 - 141	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Methylphenol = o-cresol
* 3-Methylphenol = m-cresol
* 4-Methylphenol = p-cresol

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied.

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912995	DILUTION FACTOR	10000
DATA FILE	>F9826	DATE EXTRACTED	12/08/99
CLIENT NAME	NF	DATE ANALYZED	12/09/99
FIELD ID	DCOMP-2	ANALYZED BY	DANIEL

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
110861	Pyridine	U	100.00	5.0
106467	1,4-Dichlorobenzene	U	100.00	7.5
95478	2-Methylphenol	U	100.00	200.0
108394	3&4-Methylphenol	U	100.00	200.0
67721	Hexachloroethane	U	100.00	3.0
989103	Nitrobenzene	U	100.00	2.0
87683	Hexachlorobutadiene	U	100.00	0.5
88062	2,4,6-Trichlorophenol	U	100.00	2.0
9109104	2,4,5-Trichlorophenol	U	500.00	400.0
121142	2,4-Dinitrotoluene	U	100.00	0.13
118741	Hexachlorobenzene	U	100.00	0.13
878610	Pentachlorophenol	U	100.00	100.0

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
2-Fluorophenol	74 %	21 - 100	OK
Phenol-d5	74 %	10 - 94	OK
Nitrobenzene-d5	117 %	35 - 114	OUT
2-Fluorobiphenyl	163 %	43 - 116	OUT
2,4,6-Tribromophenol	47 %	10 - 123	OK
Terphenyl-d14	60 %	33 - 141	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Methylphenol = o-cresol
* 3-Methylphenol = m-cresol
* 4-Methylphenol = p-cresol

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied.

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912995DL	DILUTION FACTOR	100000
DATA FILE	>F9832	DATE EXTRACTED	12/08/99
CLIENT NAME	DE	DATE ANALYZED	12/10/99
FIELD ID	DCOMP-2	ANALYZED BY	DANIEL

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
110861	Pyridine	U	1000.00	5.0
106467	1,4-Dichlorobenzene	U	1000.00	7.5
95478	2-Methylphenol	U	1000.00	200.0
108394	3&4-Methylphenol	U	1000.00	200.0
67721	Hexachloroethane	U	1000.00	3.0
989103	Nitrobenzene	U	1000.00	2.0
87683	Hexachlorobutadiene	U	1000.00	0.5
88062	2,4,6-Trichlorophenol	U	1000.00	2.0
9109104	2,4,5-Trichlorophenol	U	5000.00	400.0
121142	2,4-Dinitrotoluene	U	1000.00	0.13
118741	Hexachlorobenzene	U	1000.00	0.13
878610	Pentachlorophenol	U	1000.00	100.0

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
2-Fluorophenol	82 %	21 - 100	OK
Phenol-d5	78 %	10 - 94	OK
Nitrobenzene-d5	78 %	35 - 114	OK
2-Fluorobiphenyl	127 %	43 - 116	OUT
2,4,6-Tribromophenol	7 %	10 - 123	OUT
Terphenyl-d14	97 %	33 - 141	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Methylphenol = o-cresol
* 3-Methylphenol = m-cresol
* 4-Methylphenol = p-cresol

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied.

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912996	DILUTION FACTOR	10
DATA FILE	>F9823	DATE EXTRACTED	12/08/99
CLIENT NAME	OE	DATE ANALYZED	12/09/99
FIELD ID	SP-1	ANALYZED BY	DANIEL

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
110861	Pyridine	U	.10	5.0
106467	1,4-Dichlorobenzene	U	.10	7.5
95478	2-Methylphenol	U	.10	200.0
108394	3&4-Methylphenol	U	.10	200.0
67721	Hexachloroethane	U	.10	3.0
989103	Nitrobenzene	U	.10	2.0
87683	Hexachlorobutadiene	U	.10	0.5
88062	2,4,6-Trichlorophenol	U	.10	2.0
9109104	2,4,5-Trichlorophenol	U	.50	400.0
121142	2,4-Dinitrotoluene	U	.10	0.13
118741	Hexachlorobenzene	U	.10	0.13
878610	Pentachlorophenol	U	.10	100.0

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
2-Fluorophenol	55 %	21 - 100	OK
Phenol-d5	58 %	10 - 94	OK
Nitrobenzene-d5	70 %	35 - 114	OK
2-Fluorobiphenyl	72 %	43 - 116	OK
2,4,6-Tribromophenol	77 %	10 - 123	OK
Terphenyl-d14	79 %	33 - 141	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Methylphenol = o-cresol
* 3-Methylphenol = m-cresol
* 4-Methylphenol = p-cresol

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied.

ACCREDITED LABORATORIES, INC.
TCLP PESTICIDES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912994	DILUTION FACTOR	50
DATA FILE	>G4774	DATE EXTRACTED	12/09/99
CLIENT NAME	OE	DATE ANALYZED	12/10/99
FIELD ID	DCOMP-1	ANALYZED BY	JEFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
58-89-9	G-BHC (Lindane)	U	.001	0.400
76-44-8	Heptachlor	U	.001	0.008
1024-57-3	Heptachlor Epoxide	U	.001	0.008
72-20-8	Endrin	U	.002	0.02
72-43-5	Methoxychlor	U	.010	10.0
5103-71-9	A-Chlordane	U	.001	0.03
5103-74-2	G-Chlordane	U	.001	0.03
8001-35-2	Toxaphene	U	.050	0.5

SURROGATE COMPOUNDS	RECOVERY	ADVISORY LIMITS	STATUS
DCB	87%	30 - 150	OK
Tetrachloro-m-xylene	75%	30 - 150	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC.
TCLP PESTICIDES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912995	DILUTION FACTOR	1000
DATA FILE	>G4776	DATE EXTRACTED	12/09/99
CLIENT NAME	OE	DATE ANALYZED	12/10/99
FIELD ID	DCOMP-2	ANALYZED BY	JEFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
58-89-9	G-BHC (Lindane)	U	.020	0.400
76-44-8	Heptachlor	U	.020	0.008
1024-57-3	Heptachlor Epoxide	U	.020	0.008
72-20-8	Endrin	U	.040	0.02
72-43-5	Methoxychlor	U	.200	10.0
5103-71-9	A-Chlordane	U	.020	0.03
5103-74-2	G-Chlordane	U	.020	0.03
8001-35-2	Toxaphene	U	1.000	0.5

SURROGATE COMPOUNDS	RECOVERY	ADVISORY LIMITS	STATUS
DCB	91%	30 - 150	OK
Tetrachloro-m-xylene	91%	30 - 150	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC.
TCLP PESTICIDES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912996	DILUTION FACTOR	50
DATA FILE	>G4775	DATE EXTRACTED	12/09/99
CLIENT NAME	OE	DATE ANALYZED	12/10/99
FIELD ID	SP-1	ANALYZED BY	JEFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
58-89-9	G-BHC (Lindane)	U	.001	0.400
76-44-8	Heptachlor	U	.001	0.008
1024-57-3	Heptachlor Epoxide	U	.001	0.008
72-20-8	Endrin	U	.002	0.02
72-43-5	Methoxychlor	U	.010	10.0
5103-71-9	A-Chlordane	U	.001	0.03
5103-74-2	G-Chlordane	U	.001	0.03
8001-35-2	Toxaphene	U	.050	0.5

SURROGATE COMPOUNDS	RECOVERY	ADVISORY LIMITS	STATUS
DCB	88%	30 - 150	OK
Tetrachloro-m-xylene	77%	30 - 150	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
TCLP HERBICIDE ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912994	DILUTION FACTOR	1
DATA FILE	>A0603	DATE EXTRACTED	12/08/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-1	ANALYZED BY	JEFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
94757	2,4'-D	U	.100	10.0
93721	SILVEX	U	.010	1.0

U - Indicates compound was analyzed for but not detected

ACCREDITED LABORATORIES, INC
TCLP HERBICIDE ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912995	DILUTION FACTOR	20
DATA FILE	>A0605	DATE EXTRACTED	12/08/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-2	ANALYZED BY	JEFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
94757	2,4'-D	U	2.000	10.0
93721	SILVEX	U	.200	1.0

U - Indicates compound was analyzed for but not detected

ACCREDITED LABORATORIES, INC
TCLP HERBICIDE ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912996	DILUTION FACTOR	1
DATA FILE	>A0604	DATE EXTRACTED	12/08/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-1	ANALYZED BY	JEFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
94757	2,4'-D	U	.100	10.0
93721	SILVEX	U	.010	1.0

U - Indicates compound was analyzed for but not detected

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912994	DILUTION FACTOR	1
DATA FILE	>G4744	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-1	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	22.2
11104282	Aroclor-1221	U	22.2
11141165	Aroclor-1232	U	22.2
53469219	Aroclor-1242	268000 E I	22.2
12672296	Aroclor-1248	U	22.2
11097691	Aroclor-1254	109000 E I	22.2
11096825	Aroclor-1260	U	22.2

Percent Solid of 75.0 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912994DL 1000	DILUTION FACTOR	1000
DATA FILE	>G4755	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-1	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	2220
11104282	Aroclor-1221	U	2220
11141165	Aroclor-1232	U	2220
53469219	Aroclor-1242	63800000 E DI	2220
12672296	Aroclor-1248	U	2220
11097691	Aroclor-1254	27000000 E DI	2220
11096825	Aroclor-1260	U	2220

Percent Solid of 75.0 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912994DL2 100000	DILUTION FACTOR	100000
DATA FILE	>G4763	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-1	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG		MDL
12674112	Aroclor-1016	U		22200
11104282	Aroclor-1221	U		22200
11141165	Aroclor-1232	U		22200
53469219	Aroclor-1242	160000000	DI	22200
12672296	Aroclor-1248	U		22200
11097691	Aroclor-1254	517000000	DI	22200
11096825	Aroclor-1260	U		22200

Percent Solid of 75.0 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Oil
SAMPLE NUMBER	9912995	DILUTION FACTOR	1
DATA FILE	>G4752	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-2	ANALYZED BY	JEFF

CAS#	COMPOUND	MG/KG	MDL
12674112	Aroclor-1016	U	.500
11104282	Aroclor-1221	U	.500
11141165	Aroclor-1232	U	.500
53469219	Aroclor-1242	97.3	.500
12672296	Aroclor-1248	U	.500
11097691	Aroclor-1254	77.0	.500
11096825	Aroclor-1260	U	.500

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912996	DILUTION FACTOR	1
DATA FILE	>G4745	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-1	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	19.4
11104282	Aroclor-1221	U	19.4
11141165	Aroclor-1232	U	19.4
53469219	Aroclor-1242	85200 E I	19.4
12672296	Aroclor-1248	U	19.4
11097691	Aroclor-1254	145000 E I	19.4
11096825	Aroclor-1260	U	19.4

Percent Solid of 86.0 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

57

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912996DL 200	DILUTION FACTOR	200
DATA FILE	>G4756	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-1	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG		MDL
12674112	Aroclor-1016	U		3880
11104282	Aroclor-1221	U		3880
11141165	Aroclor-1232	U		3880
53469219	Aroclor-1242	205000	DI	3880
12672296	Aroclor-1248	U		3880
11097691	Aroclor-1254	806000	DI	3880
11096825	Aroclor-1260	U		3880

Percent Solid of 86.0 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912997	DILUTION FACTOR	1
DATA FILE	>G4746	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-2	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	19.3
11104282	Aroclor-1221	U	19.3
11141165	Aroclor-1232	U	19.3
53469219	Aroclor-1242	86800 E I	19.3
12672296	Aroclor-1248	U	19.3
11097691	Aroclor-1254	145000 E I	19.3
11096825	Aroclor-1260	U	19.3

Percent Solid of 86.3 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912997DL 200	DILUTION FACTOR	200
DATA FILE	>G4757	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-2	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG		MDL
12674112	Aroclor-1016	U		3860
11104282	Aroclor-1221	U		3860
11141165	Aroclor-1232	U		3860
53469219	Aroclor-1242	151000	DI	3860
12672296	Aroclor-1248	U		3860
11097691	Aroclor-1254	603000	DI	3860
11096825	Aroclor-1260	U		3860

Percent Solid of 86.3 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912998	DILUTION FACTOR	1
DATA FILE	>G4747	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-3	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	19.6
11104282	Aroclor-1221	U	19.6
11141165	Aroclor-1232	U	19.6
53469219	Aroclor-1242	106000 E I	19.6
12672296	Aroclor-1248	U	19.6
11097691	Aroclor-1254	161000 E I	19.6
11096825	Aroclor-1260	U	19.6

Percent Solid of 85.2 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912998DL 200	DILUTION FACTOR	200
DATA FILE	>G4758	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-3	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG		MDL
12674112	Aroclor-1016	U		3910
11104282	Aroclor-1221	U		3910
11141165	Aroclor-1232	U		3910
53469219	Aroclor-1242	187000	DI	3910
12672296	Aroclor-1248	U		3910
11097691	Aroclor-1254	708000	DI	3910
11096825	Aroclor-1260	U		3910

Percent Solid of 85.2 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912999	DILUTION FACTOR	1
DATA FILE	>G4748	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-4	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	19.5
11104282	Aroclor-1221	U	19.5
11141165	Aroclor-1232	U	19.5
53469219	Aroclor-1242	94400 E I	19.5
12672296	Aroclor-1248	U	19.5
11097691	Aroclor-1254	162000 E I	19.5
11096825	Aroclor-1260	U	19.5

Percent Solid of 85.6 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912999DL 200	DILUTION FACTOR	200
DATA FILE	>G4759	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-4	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG		MDL
12674112	Aroclor-1016	U		3890
11104282	Aroclor-1221	U		3890
11141165	Aroclor-1232	U		3890
53469219	Aroclor-1242	138000	DI	3890
12672296	Aroclor-1248	U		3890
11097691	Aroclor-1254	632000	DI	3890
11096825	Aroclor-1260	U		3890

Percent Solid of 85.6 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9913000	DILUTION FACTOR	1
DATA FILE	>G4751	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-5	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	19.4
11104282	Aroclor-1221	U	19.4
11141165	Aroclor-1232	U	19.4
53469219	Aroclor-1242	82400 E I	19.4
12672296	Aroclor-1248	U	19.4
11097691	Aroclor-1254	159000 E I	19.4
11096825	Aroclor-1260	U	19.4

Percent Solid of 86.0 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9913000DL 200	DILUTION FACTOR	200
DATA FILE	>G4762	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-5	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG		MDL
12674112	Aroclor-1016	U		3880
11104282	Aroclor-1221	U		3880
11141165	Aroclor-1232	U		3880
53469219	Aroclor-1242	119000	DI	3880
12672296	Aroclor-1248	U		3880
11097691	Aroclor-1254	535000	DI	3880
11096825	Aroclor-1260	U		3880

Percent Solid of 86.0 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

66

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
INORGANIC ANALYSIS DATA SHEET

Case #: 6481
Sample #: 9912994
Field ID: DCOMP-1
Client Name: OE

Matrix: Leachate
Date Received: 11/30/99

CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.00	1	5.00	P	12/10/99
7440-39-3	Barium	3.74	.200	1	100.00	P	12/10/99
7440-43-9	Cadmium	.598	.100	1	1.00	P	12/10/99
7440-47-3	Chromium	ND	.100	1	5.00	P	12/10/99
7439-92-1	Lead	14.7	.500	1	5.00	P	12/10/99
7439-97-6	Mercury	ND	.002	2	.20	CV	12/03/99
7782-49-2	Selenium	ND	.500	1	1.00	P	12/10/99
7440-22-4	Silver	ND	.100	1	5.00	P	12/10/99

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
INORGANIC ANALYSIS DATA SHEET

Case #: 6481
Sample #: 9912995
Field ID: DCOMP-2
Client Name: OE

Matrix: Leachate
Date Received: 11/30/99

CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.00	1	5.00	P	12/10/99
7440-39-3	Barium	ND	.200	1	100.00	P	12/10/99
7440-43-9	Cadmium	ND	.100	1	1.00	P	12/10/99
7440-47-3	Chromium	ND	.100	1	5.00	P	12/10/99
7439-92-1	Lead	ND	.500	1	5.00	P	12/10/99
7439-97-6	Mercury	ND	.010	10	.20	CV	12/03/99
7782-49-2	Selenium	ND	.500	1	1.00	P	12/10/99
7440-22-4	Silver	ND	.100	1	5.00	P	12/10/99

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
INORGANIC ANALYSIS DATA SHEET

Case #: 6481
Sample #: 9912996
Field ID: SP-1
Client Name: OE

Matrix: Leachate
Date Received: 11/30/99

CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.00	1	5.00	P	12/10/99
7440-39-3	Barium	1.54	.200	1	100.00	P	12/10/99
7440-43-9	Cadmium	.280	.100	1	1.00	P	12/10/99
7440-47-3	Chromium	ND	.100	1	5.00	P	12/10/99
7439-92-1	Lead	1.00	.500	1	5.00	P	12/10/99
7439-97-6	Mercury	ND	.002	2	.20	CV	12/03/99
7782-49-2	Selenium	ND	.500	1	1.00	P	12/10/99
7440-22-4	Silver	ND	.100	1	5.00	P	12/10/99

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
GENERAL CHEMISTRY ANALYSIS DATA

Case #: 6481
Sample #: 9912994
Client Name: OE
Field Number: DCOMP-1

Matrix: Soil
Date Received: 11/30/99
% Moisture: 25.0

ANALYTES	RESULTS	MDL	UNITS	DILUTION FACTOR	METHOD BLANK RESULTS	METHOD BLANK MDL	ANALYSIS DATE
Solids, Percent	75.0	0.10	%	1.			12/02/99
Flash Point	>200	80.	°F	1.			12/03/99
PH	6.45		S.U.	1.			12/03/99
Cyanide, Reactive	ND	0.27	mg/Kg	1.	ND	0.20	12/03/99
Sulfide, Reactive	ND	53.3	mg/Kg	1.	ND	40.0	12/03/99

ACCREDITED LABORATORIES, INC.
GENERAL CHEMISTRY ANALYSIS DATA

Case #: 6481
Sample #: 9912995
Client Name: OE
Field Number: DCOMP-2

Matrix: Oil
Date Received: 11/30/99

ANALYTES	RESULTS	MDL	UNITS	DILUTION FACTOR	METHOD BLANK RESULTS	METHOD BLANK MDL	ANALYSIS DATE
Flash Point	170.	80.	°F	1.			12/03/99
PH	6.86		S.U.	1.			12/03/99
Cyanide, Reactive	ND	0.20	mg/Kg	1.	ND	0.20	12/03/99
Sulfide, Reactive	ND	40.0	mg/Kg	1.	ND	40.0	12/03/99

ACCREDITED LABORATORIES, INC.
GENERAL CHEMISTRY ANALYSIS DATA

Case #: 6481
Sample #: 9912996
Client Name: OE
Field Number: SP-1

Matrix: Soil
Date Received: 11/30/99
% Moisture: 14.0

ANALYTES	RESULTS	MDL	UNITS	DILUTION FACTOR	METHOD BLANK RESULTS	METHOD BLANK MDL	ANALYSIS DATE
Solids, Percent	86.0	0.10	S.U.	1.			12/02/99
Flash Point	>200	80.	°F	1.			12/03/99
PH	6.74		S.U.	1.			12/03/99
Cyanide, Reactive	ND	0.23	mg/Kg	1.	ND	0.20	12/03/99
Sulfide, Reactive	ND	46.5	mg/Kg	1.	ND	40.0	12/03/99

Oxford Project No.: 9703

Materials Handling, Transportation and Disposal Plan (MHTDP)

Cornell-Dubilier Electronics Site
333 Hamilton Boulevard
South Plainfield, New Jersey

Submitted to

U.S. Environmental Protection Agency, Region II
Removal Action Branch
2890 Woodbridge Avenue
Edison, New Jersey 08837

March 2000

Prepared by:

OXFORD ENVIRONMENTAL, INC.
43 Route 46 East, Suite 702,
Pine Brook, NJ 07058
973-244-0600 • fax 973-244-0722

TABLE OF CONTENTS

TABLE OF CONTENTS ii
LIST OF TABLES ii
1.0 INTRODUCTION 1
2.0 DESCRIPTION OF PROPOSED ACTIVITIES 2
2.1 Disposal Facility 3
3.0 KEY PROJECT PERSONNEL & CONTACT INFORMATION 4
4.0 CONTAMINATED WORK AREAS AND TEMPORARY WORK ZONES 5
4.1 Temporary Work Zones 5
4.2 Exclusion Zone 5
4.3 Decontamination Zone 6
4.4 Support Zone 6
5.0 POLLUTION PREVENTION AND CONTROL MEASURES 7
5.1 Removal / Loading Operations 7
5.2 Dust Control 7
5.3 Decontamination Solids and Liquids 7
6.0 DOCUMENTATION AND REPORTING 9
6.1 Daily Construction Log 9
6.1.1 Soil Handling Activities 9
6.1.2 Manifests 9
6.1.3 Incident Log (If Any) 9
6.2 Field Considerations 9

LIST OF TABLES

Table 1 - Key Project Personnel and Contact Information 4
Table 2 - Summary of Contaminated Areas and Materials 5

1.0 INTRODUCTION

This Materials Handling, Transportation and Disposal Plan (MHTDP) has been prepared at the request of the Environmental Protection Agency (EPA), in order to address the proper management of TSCA hazardous soils and liquids.

The proposed removal operations include the loading, transportation and disposal of stockpiled soils and drums at the Cornell Dubilier facility in South Plainfield, New Jersey.

Sampling results from the stockpiled soils indicate elevated levels of PCBs. Samples obtained from drum contents indicate three separate waste types. Two drums contain scrap parts from former operations and soil that also contain elevated levels of PCBs as well as Lead. Four drums contain sludge from tank bottoms. Analytical results of sludge samples indicate elevated PCB concentrations. One single drum contains personal protective clothing utilized during past site stabilization activities.

2.0 DESCRIPTION OF PROPOSED ACTIVITIES

As mentioned previously, a soil pile exists in the former driving school lot at the subject facility. This soil was reportedly generated from tank excavation activities. The exact quantity of soil is unknown at this time however it is estimated at 75 tons. Five soil samples were collected from the existing stockpile. Samples were analyzed for the parameters identified in the EPA Work Plan. Results indicated total PCB levels >50 mg/kg in all samples. Therefore, this material would be considered hazardous under TSCA. The recommended disposal option for this soil is direct landfill into a TSCA permitted landfill.

Soil from the stockpile will be loaded directly into trucks via a loader. Trucks will be weighed at a certified public scale prior to arrival at the site to establish a tare weight. The trucks will enter the work zone at the designated entrance for loading. Upon completion of loading, trucks will exit the work zone using the same access point. Prior to exit, all loose soils will be removed from the truck wheels and body.

Prior to leaving the Exclusion Zone, truck beds will be covered with a tarpaulin to eliminate release of fugitive dust particles. Trucks will be weighed at a public scale to determine the quantity of material transported. All appropriate manifests / documentation will be provided to EPA upon receipt from the disposal facility.

There are a total of 7 drums located within the former driving school lot. Two drums contained various waste parts and soil. One composite sample was collected from the soils and analyzed for the parameters identified in the EPA Work Plan. Results indicated high levels of PCBs (i.e. >51%) as well as Lead (14.7 mg/L). This material would be considered hazardous under the Toxic Substance Control Act (TSCA) and the Resource Conservation and Recovery Act (RCRA). Subsequently, the treatment for this waste stream would be incineration. Four drums contained sludge reportedly from former tank bottoms. One composite sample was collected from the sludge and analyzed for the parameters identified in the EPA Work Plan. Results indicated levels of PCBs (174.3 mg/kg total PCBs). This material would be considered hazardous under TSCA (> 50 mg/kg). Subsequently, due to the materials matrix (i.e. sludge) and the contaminant concentration, the treatment for this waste stream would also be incineration. The remaining drum contains PPE. Due to its composition, the contents of this drum will be added to the soil stockpile for direct landfill disposal at a TSCA permitted facility.

The drums are currently covered with plastic to protect them from the elements. This plastic will be removed and the drum's integrity will be checked via visual inspection. Any drum that displays signs of physical inadequacy will be overpacked prior to shipment. Drums will be securely tightened to ensure that no waste materials will spill during loading or transportation activities. Drums will also be properly labeled prior to shipment. Drums will be loaded onto a box truck via a drum dolly or mechanical hoist.

The box truck will remain on paved areas during all loading procedures. This will eliminate the need for vehicle decontamination prior to exiting the site. . All appropriate manifests / documentation will be provided to EPA upon receipt from the disposal facility.

2.1 Disposal Facility

The following disposal facilities have been selected for this project:

- Disposal of stockpile soils:

  CWM Chemical Services, LLC
  1550 Balmer Road
  Model City, New York 14107

  EPA ID#: NYD049836679
  Phone #: (716) 754-8231

- Disposal of drummed materials:

  CWM Chemical Services, LLC
  1550 Balmer Road
  Model City, New York 14107

  EPA ID#: NYD049836679
  Phone #: (716) 754-8231

3.0 KEY PROJECT PERSONNEL & CONTACT INFORMATION

The following table identifies and briefly describes the duties of key project personnel, as well as provides their respective contact information.

Table 1 - Key Project Personnel and Contact Information

Owner	**DSC of Newark Enterprises, Inc.**
Project Manager: Responsible for the day-to-day oversight of the project.	Ms. Lara Coraci Office phone # (973) 589-4200
Environmental Subcontractor	**OXFORD ENVIRONMENTAL, INC.**
Site Manager: Responsible for overall coordination of oversight for removal operations.	Mr. John Hendry Office # (973) 244-0600 Pager # (973) 419-3654 Nextel # (973) 390-1619
Project Engineer: Responsible for oversight of on-site operations.	Mr. Tim Francisco Office # (973) 244-0600 Pager # (973) 419-3658
Safety Officer: Responsible for the implementation of the MHP in the field.	Ms. Joy Sauers, Pager # (973) 208-7237 Mr. Tony Scritoralle, Pager # (973) 419-3659

4.0 CONTAMINATED WORK AREAS AND TEMPORARY WORK ZONES

The following table and section summarizes the identified work zones in which contaminated materials will be encountered during removal operations.

Table 2 - Summary of Contaminated Areas and Materials

Activity	*Work Area Location*	*Quantity*	*Task Description*
Stockpiled Soil Removal	Former Driving School Lot	+/- 75 Tons	Loading and Transportation
Drum Removal	Former Driving School Lot	7 Drums	Loading and Transportation

Due to the likely presence of contaminants within the identified work areas above, work shall be performed in accordance with the existing Health and Safety Plan (HASP) as well as the below detailed. Accordingly, appropriate exclusion, decontamination and support zones shall be demarcated to prevent any contaminated media from migrating off-site.

4.1 Temporary Work Zones

Temporary work zones shall be established prior to working in any of the locations identified in Table 2 - Summary of Contaminated Areas and Materials, to prevent the migration of contaminants off-site. This will be accomplished by creating three separate work zones within work area location. These three zones are:

- Exclusion Zone
- Decontamination Reduction Zone
- Support Zone

Each of the above zones has task specific activities performed within them, which are discussed below. In addition, temporary facilities will be used in each work area location to support the requirements of the HASP.

The following sections briefly describe the activities to be performed within each work zone, as well as, the use of the temporary facilities.

4.2 Exclusion Zone

The exclusion zone or "hot zone" is the immediate area in a work location in which work performed will encounter contaminants. For the purpose of this project, the work area locations identified in Table 2 will be designated the exclusion zone. This area should

be delineated with barricade tape and/or cones. The exclusion zone will have a single entrance / exit location so as to control access to the contaminated work zone. This access will also be utilized for equipment and material transportation into and from the exclusion zone and will directly transition into the decontamination zone. Due to the contaminants present within the exclusion zone, no temporary facilities are located within it.

4.3 Decontamination Zone

The decontamination zone or "contaminant reduction zone" acts as a buffer zone between the exclusion zone and the support zone. Personnel and equipment leaving the exclusion shall be required to pass through the decontamination pad to ensure that no loose contaminated soil is tracked out of the exclusion area into other portions of the Site. This can be achieved simply through the use of a boot wash and tire washing station. Decontamination liquid shall be added to the drums being disposed of off site.

4.4 Support Zone

The support zone or "clean zone" is designated as the area in which removal activities will not encounter contamination. The support zone contains temporary facilities such as:

- Equipment storage
- Material storage
- Parking areas

5.0 POLLUTION PREVENTION AND CONTROL MEASURES

The following sections will detail the proper controls and procedures for management of contaminated materials generated in areas of contaminated soils and liquids, and to prevent non-permitted discharge of contaminants during removal operations.

5.1 Removal / Loading Operations

To prevent any contaminated soils from migrating off site the following procedures shall be followed:

Excavation equipment should remain within the exclusion zone in order to minimize possible transport of clinging soils and/or contaminated fluids. Dust suppression controls as described in Section 5.2 should be utilized during this activity. Upon completion of excavation activities, all heavy equipment should be decontaminated at the decontamination station.

If during the course of excavation, buried tanks and/or drums are encountered, the following procedures shall be implemented:

1) Stop work immediately and withdraw from the area.
2) Inform the Engineer of vessel location.
3) HSO and Engineer will visually inspect the area to determine the type of vessel (i.e. tank or drum), and document its condition.
4) HSO will call the NJDEP Hotline at (609) 292-7172 and report the incident.
5) The HSO, Engineer and General Contractor will then determine if work can safely continue within the vicinity of the vessel.
6) The Owner will then take necessary steps as required by NJDEP regulations to remove the vessel and restore the area to its previous condition.

5.2 Dust Control

Due to the nature of the contaminants present at the Site, control of fugitive dust emissions during soil loading operations may be required. If the HSO or Engineer deems it necessary to reduce the amount of airborne dust, the following control methods will be initiated.

- Wet excavation areas prior to and during excavation activities
- Clean impermeable surfaces (i.e. roadways) whenever dirt or mud is observed

5.3 Decontamination Solids and Liquids

During the course of removal activities, solid wastes in the form of PPE and decontamination liquids will be generated. PPE will be added to either the soil stockpile

or the parts / soil drum scheduled for incineration. Decontamination liquids will be added to the sludge drums that are also scheduled for incineration.

6.0 DOCUMENTATION AND REPORTING

6.1 Daily Construction Log

In order to maintain accurate documentation of the contaminated soils removed for off-site disposal, a Daily Construction Log shall be kept.

6.1.1 Soil Handling Activities

As part of the Daily Construction Log, detailed notes shall be kept of the soil handling activities performed at the site. Movement of contaminated disposed off-site shall be documented.

6.1.2 Manifests

Hazardous waste manifests will be completed which track the movement of stockpiled soils and drums from the Site to the selected disposal facility. Copies of these documents will be included in the Final SOP Report.

6.1.3 Incident Log (If Any)

An incident log shall be kept to document discharges and spills within the Site. The incident log shall detail specific information relative to the nature of the discharge or spill, the type of substance discharged/spilled, the type of impact to the environment (air, water, or soil), any corrective actions taken, and any measures taken to prevent another incident from occurring.

6.2 Field Considerations

During the course of removal activities, field conditions may vary or change from anticipated or planned conditions. It is for these reasons that minor adaptations or slight modifications must be made in the field to ensure that effective pollution prevention and control measures are implemented.

For this project, a qualified field representative will be present during the handling of contaminated soils and liquids. This individual will be responsible for making the initial determination that current engineering controls are adequate.

If is determined that there is a possibility that existing control methods are ineffective, work shall cease until a revised control procedure can be implemented.

ACCREDITED LABORATORIES, INC.
Implementing Tomorrow's Technology, Today™...

Analytical Data Report

for

Oxford Environmental
43 Rt. 46 East
Pine Brook, NJ 07058

Project: D S C / Cornell

Accredited Laboratories Case No.: 6481
Date Received: 11/30/99

Field ID	Laboratory Sample #
DCOMP-1	9912994
DCOMP-2	9912995
SP-1	9912996
SP-2	9912997
SP-3	9912998
SP-4	9912999
SP-5	9913000

Accredited Laboratories, Inc. New Jersey Certification Number 12007. This data has been reviewed and accepted by:

T. Gaydos

Theodore C. Gaydos
Technical Director

TABLE OF CONTENTS

	page
Chain of Custody	1
Methodology Summary	16
Laboratory Chronicles	19
Conformance/Non-conformance Summary	38
Laboratory Certificate	39
Analytical Results	
TCLP Volatile Organics	40
TCLP Base Neutral/Acid Extractable Organics	43
TCLP Pesticides/TCLP Herbicides/PCBs	47
TCLP Metal Analysis	67
General Chemistry Analysis	70
GCFID/DRO	73
Quality Control	
TCLP Volatile Organics:	75
GCMS Tune	
Standard Calibrations	
Surrogate Summary Recovery	
Internal Standard Area Check	
MS Summary	
Method Blank	
TCLP Base Neutral/Acid Extractable Organics:	87
GCMS Tune	
Standard Calibrations	
Surrogate Summary Recovery	
Internal Standard Area Check	
MS Summary	
Method Blank	
TCLP Pesticides/TCLP Herbicides/PCBs:	107
Standard Calibrations	
Retention Time Window	
Surrogate Recovery Summary	
Analytical Sequence	
DDT/Endrin Breakdown	
MS/MSD Summary	
Method Blank	
TCLP Metals:	158
Standard Calibrations	
Blanks	
ICP Interference Check Sample	
Spike Sample Recovery	
Sample Duplicate	
Laboratory Control Sample	
ICP Serial Dilution	
Instrument Detection Limits (Quarterly)	
ICP Interelement Correction Factors (Annually)	
ICP Linear Ranges (Quarterly)	
Preparation Log	
General Chemistry:	174
Sample Duplicate	
GCFID/DRO:	175
Standard Calibrations	
MS/MSD Summary	
Raw Data	
TCLP Volatile Organics	178
TCLP Base Neutral/Acid Extractable Organics	237
TCLP Pesticides/TCLP Herbicides/PCBs	333
TCLP Metals	651
General Chemistry	688
GCFID/DRO	694

ACCREDITED LABORATORIES, INC.
20 PERSHING AVENUE
CARTERET, NEW JERSEY 07008
PHONE: (732) 541-2025 / (800) ALI-LABS

CHAIN OF CUSTODY FORM

PAGE 1 OF 1

CLIENT	Oxford Env.	PROJECT	DSC / Cornell
ADDRESS	43 RT 46 East	CONTACT	J. Hendrix
CITY	Pinebrook	PHONE	973-244-0600
STATE	NJ ZIP 07058	FAX	973-244-0722

ALI SAMPLE #	FIELD ID	*C	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
9912994	DCOMP-1	3	S	11/30	Drum	Full TCLP, TPH, RCRA ~~[illegible]~~ PCB,
*9912995	DCOMP-2	3	G	↓	Drum	↓
9912996	SP-1	3	S		Soil From Pile	
9912997	SP-2	1				PCB
9912998	SP-3	1				
9912999	SP-4	1				
9913000	SP-5	1	↓	↓	↓	↓

**- Biphasic sample - analyze oil phase.

**M = MATRIX A=AQUEOUS S=SOIL G=SLUDGE P=POTABLE WATER O=OIL F=FILTER K=SOLID X=OTHER

*C = NO. CONTAINERS TURNAROUND: STANDARD (If Blank, Std. 3 weeks)

DELIVERABLES (circle one) * STD REDUCED FULL NY-ASP CLP I CLP II

RELINQUISHED BY: PRINT	SIGN	RECEIVED BY: PRINT	SIGN	ORGANIZATION	DATE	TIME	REASON
Tony Scritborak	[signature]	K. Roberts	Kevin Robert	ALI	11/30	13:40	TRANSFER
K. Roberts	Kevin Robert	[signature]	[signature]	ALI	11/30/99	1630	Analysis

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: SIGN:

*	QAI = Deliverables
COMMENTS	TPH = Method 8015
	Cooler Temp 25°C

ALI QUOTE#	
ALI CASE#	6401
P.O.#	

4 1 2 3 5

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: T. GAYDOS Title: SAO

Field Sample Seal No. None Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6481 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
DCOMP-1	9912994	TCLP VOA	11/30/99	11/30/99
DCOMP-2	9912995	TCLP VOA	11/30/99	11/30/99
SP-1	9912996	TCLP VOA	11/30/99	11/30/99

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/3/99	10:00	Printed Name RBAUTISTA	Printed Name R.M. HORN	
		Signature RB	Signature R.M. Horn	COLD STORAGE
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 291COC

2

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: T. GAYDOS Title: SLO

Field Sample Seal No. None Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6481 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
DCOMP-1	9912994	TCLP EXT ORG	11/30/99	11/30/99
DCOMP-2	9912995	TCLP EXT ORG	11/30/99	11/30/99
SP-1	9912996	TCLP EXT ORG	11/30/99	11/30/99

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/2/99	16:00	Printed Name T. GAYDOS	Printed Name RBAUTISTA	EXTRACTION
		Signature	Signature RB	
12/2/99	18:00	Printed Name RBAUTISTA	Printed Name T. GAYDOS	COLD STORAGE
		Signature RB	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 291COC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample	Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J. Name: T. GAYDOS Title: SRO
Field Sample Seal No. None	Date Broken: __/__/__ Military Time Seal Broken _____
Case No. 6481	✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
DCOMP-1	9912994	TCLP BNA	11/30/99	11/30/99
DCOMP-2	9912995	TCLP BNA	11/30/99	11/30/99
SP-1	9912996	TCLP BNA	11/30/99	11/30/99

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/3/99	10:00	Printed Name R BAUTISTA Signature	Printed Name T. GAYDOS Signature	COLD STORAGE
12-8		Printed Name T. GAYDOS Signature	Printed Name Lina Leigual Signature	Extraction
12-8		Printed Name Lina Leigual Signature	Printed Name T. GAYDOS Signature	Cold Storage
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM: 291COC

4

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: T. GAYDOS Title: SLO

Field Sample Seal No. ____ Date Broken: __/__/__ Military Time Seal Broken ____

Case No. 6481 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
DCOMP-1	9912994	TCLP PEST	11/30/99	11/30/99
DCOMP-2	9912995	TCLP PEST	11/30/99	11/30/99
SP-1	9912996	TCLP PEST	11/30/99	11/30/99

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/3/99	10:00	Printed Name RBAUTISTA Signature RB	Printed Name T. GAYDOS Signature	COLD STORAGE
12-9		Printed Name T. GAYDOS Signature	Printed Name Linda Liguel Signature	Extraction
12-9		Printed Name Linda Liguel Signature	Printed Name T. GAYDOS Signature	cold storage
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

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Accredited Laboratories, Inc.

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Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: T. GAYDOS Title: SRO

Field Sample Seal No. None Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6481 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
DCOMP-1	9912994	TCLP HERB	11/30/99	11/30/99
DCOMP-2	9912995	TCLP HERB	11/30/99	11/30/99
SP-1	9912996	TCLP HERB	11/30/99	11/30/99

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/3/99	10:00	Printed Name RBAUTISTA Signature RB	Printed Name T. GAYDOS Signature T. Gaydos	COLD STORAGE
12/8/99	13:00	Printed Name T. GAYDOS Signature T. Gaydos	Printed Name S. Parekh Signature S. Parekh	Extraction
12/8/99	14:00	Printed Name S. Parekh Signature S. Parekh	Printed Name T. GAYDOS Signature T. Gaydos	Cold storage
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

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Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: T. GAYDOS Title: SRO

Field Sample Seal No. None Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6481 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
DCOMP-1	9912994	PCB	11/30/99	11/30/99
DCOMP-2	9912995	PCB	11/30/99	11/30/99
SP-1	9912996	PCB	11/30/99	11/30/99
SP-2	9912997	PCB	11/30/99	11/30/99
SP-3	9912998	PCB	11/30/99	11/30/99
SP-4	9912999	PCB	11/30/99	11/30/99
SP-5	9913000	PCB	11/30/99	11/30/99

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/3/99	12:00	Printed Name T. GAYDOS	Printed Name S. Parekh	
		Signature	Signature S. Parekh	Extraction
12/3/99	13:00	Printed Name S. Parekh	Printed Name T. GAYDOS	
		Signature S. Parekh	Signature	Cold storage
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 291COC

7

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample	Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J. Name: T. GAYDOS Title: SHO
Field Sample Seal No. None	Date Broken: __/__/__ Military Time Seal Broken _____
Case No. 6481	✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
DCOMP-1	9912994	TCLP EXT MET	11/30/99	11/30/99
DCOMP-2	9912995	TCLP EXT MET	11/30/99	11/30/99
SP-1	9912996	TCLP EXT MET	11/30/99	11/30/99

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/3/99	10:00	Printed Name RBAUTISTA	Printed Name LEO RIVERA	DIGESTION
		Signature RB	Signature L.R	
12-03		Printed Name LEO RIVERA	Printed Name T. GAYDOS	COLD STORAGE
		Signature L.R	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM:
291COC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: T. GAYDOS Title: SAO

Field Sample Seal No. None Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6481 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
DCOMP-1	9912994	TCLP MET	11/30/99	11/30/99
DCOMP-2	9912995	TCLP MET	11/30/99	11/30/99
SP-1	9912996	TCLP MET	11/30/99	11/30/99

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/3/99	10:00	Printed Name RBAUTISTA	Printed Name LEO RWEPA	DIGESTION
		Signature RB	Signature L.R	
12-03		Printed Name LEO RWEPA	Printed Name T. GAYDOS	COLD STORAGE
		Signature L.R	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 291COC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample	Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J. Name: T. GAYDOS Title: SCO
Field Sample Seal No. None	Date Broken: __/__/__ Military Time Seal Broken _____
Case No. 6481	√ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
DCOMP-1	9912994	% SOLIDS	11/30/99	11/30/99
SP-1	9912996	% SOLIDS	11/30/99	11/30/99
SP-2	9912997	% SOLIDS	11/30/99	11/30/99
SP-3	9912998	% SOLIDS	11/30/99	11/30/99
SP-4	9912999	% SOLIDS	11/30/99	11/30/99
SP-5	9913000	% SOLIDS	11/30/99	11/30/99

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12-2		Printed Name T. GAYDOS Signature	Printed Name Lina Miguel Signature	Analysis
12-2		Printed Name Lina Miguel Signature	Printed Name T. GAYDOS Signature	cold storage
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM:
291COC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: T. GAYDOS Title: SAO

Field Sample Seal No. None Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6481 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
DCOMP-1	9912994	FP	11/30/99	11/30/99
DCOMP-2	9912995	FP	11/30/99	11/30/99
SP-1	9912996	FP	11/30/99	11/30/99

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/3/99		Printed Name T. GAYDOS Signature	Printed Name Lina Ligul Signature	analysis
12/3/99		Printed Name Lina Ligul Signature	Printed Name T. GAYDOS Signature	storage
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM: 291COC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.
Name: T. GAYDOS Title: SLO

Field Sample Seal No. None Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6481 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
DCOMP-1	9912994	PH	11/30/99	11/30/99
DCOMP-2	9912995	PH	11/30/99	11/30/99
SP-1	9912996	PH	11/30/99	11/30/99

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/3/99		Printed Name T. GAYDOS Signature	Printed Name Lina Liguel Signature	analysis
12/3/99		Printed Name Lina Liguel Signature	Printed Name T. GAYDOS Signature	storage
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM: 291COC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: T GAYDOS Title: SLO

Field Sample Seal No. None Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6481 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
DCOMP-1	9912994	RCN	11/30/99	11/30/99
DCOMP-2	9912995	RCN	11/30/99	11/30/99
SP-1	9912996	RCN	11/30/99	11/30/99

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/2/99		Printed Name T. GAYDOS Signature	Printed Name Lino Miguel Signature	analysis
12/2/99		Printed Name Lino Miguel Signature	Printed Name T. GAYDOS Signature	storage
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM: 291COC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: T. GAYDOS Title: SLO

Field Sample Seal No. None Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6481 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
DCOMP-1	9912994	RS	11/30/99	11/30/99
DCOMP-2	9912995	RS	11/30/99	11/30/99
SP-1	9912996	RS	11/30/99	11/30/99

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/2/99		Printed Name T. GAYDOS Signature	Printed Name Lisa Miguel Signature	analysis
12/2/99		Printed Name Lisa Miguel Signature	Printed Name T. GAYDOS Signature	storage
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM: 291COC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: T. GAYDOS Title: SAO

Field Sample Seal No. None Date Broken: __/__/__ Military Time Seal Broken: _____

Case No. 6481 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
DCOMP-1	9912994	GCFID/DRO	11/30/99	11/30/99
DCOMP-2	9912995	GCFID/DRO	11/30/99	11/30/99
SP-1	9912996	GCFID/DRO	11/30/99	11/30/99

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/8/99	10:00	Printed Name T. GAYDOS	Printed Name S. Parekh	
		Signature	Signature	Extraction
12/8/99	11:00	Printed Name S. Parekh	Printed Name T. GAYDOS	
		Signature	Signature	Cold storage
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 29ICOC

METHODOLOGY SUMMARY

Toxic Characteristic Leaching Procedure - TCLP (EPA Method 1311)

Before the leaching procedure can be initiated, the information regarding the wet % and dry % solid of the solid sample as well as the utilization of extraction fluid, either #1 or #2, must be determined.

For Volatile Analysis, a special extractor called Zero Headspace Extractor (ZHE) must be used to generate the TCLP leachate. A maximum of 25 grams of sample is placed in the vessel as the liquid portion is pressed out and saved. A 20X of extraction fluid #1 is charged into the vessel. After 18 +/- 2 hours rotation at 30 +/- 2 rpm, the liquid is pressed out of the vessel. The leachate from ZHE is combined with the initial liquid portion, if any. This is referred as TCLP Leachate. The contaminants in the leachate is determined by EPA Method 8260.

For Non-Volatile Analysis, a minimum of 100 grams is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate, if any, is saved. A 20X of extracted fluid, either #1 or #2, is charged in the glass extraction bottle and then rotated at 30 +/- 2 rpm for 18 +/- 2 hours. After rotation, the sample is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate is combined with the initial liquid, if any. This is referred as TCLP Leachate. The contaminants of Base Neutrals/Acids (BNA), pesticides and herbicides in the leachate are determined by EPA Method 8270, EPA Method 8081 and 8150 respectively.

For the Metal Analysis, a minimum of 100 grams is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate, if any, is saved. A 20X of extracted fluid, either #1 or #2, is charged in the glass or plastic extraction bottle and then rotated at 30 +/- rpm for 18 +/- 2 hours. After rotation, the sample is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate is combined with the initial liquid, if any. This is referred as TCLP Leachate. The contaminants of Metals in the leachate is determined by EPA Method 7471 for mercury, Method 7060 for arsenic, Method 7740 for selenium and Method 6010 (ICAP) and/or Method 7000's (Flame-AA) for the rest of metals.

PCB's - EPA 8082 (soil/solid)

A 30 gram portion of solid is mixed with anhydrous sodium sulfate and is extracted with 1:1 methylene chloride and acetone using sonication technique. The extract is separated from the sample by either centrifugation or filtration. The extract is then solvent-exchanged to hexane in a K-D concentrator to a final volume of 10 ml. The extract is injected into a gas chromatograph and the compounds in the GC effluent are detected by an electron capture detector.

PCB's - Modified EPA 8082 (oil)

A 1 gram portion of oil is extracted with 10 ml hexane. The extract is injected into a gas chromatograph (GC) and the compounds in the GC effluent are detected by an electron capture detector.

Reactive Cyanide - SW 846, 7.3.3.2 (solid)

An aliquot of the waste is acidified with 0.01 N sulfuric acid in a closed system. The gas generated is swept into a scrubber. The analyte is quantified by manual colorimetric method. The method is derived from EPA "Test Methods for Evaluating Solid Waste, SW846, 3rd ed., 1986".

Reactive Cyanide - SW 846, 7.3.3.2 (aqueous/oil)

An aliquot of the waste (approximately 200 ml for aqueous sample or 10 g for oil matrix) is acidified to pH 2 in a closed system. The gas generated is swept into a scrubber. The analyte is quantified by manual colorimetric method. The method is derived from EPA "Test Methods for Evaluating Solid Waste, SW846, 3rd ed., 1986".

Reactive Sulfide - SW 846, 7.3.4.1 (solid)

An aliquot of the waste is acidified with 0.01 N sulfuric acid in a closed system. The gas generated is swept into a scrubber. The sulfide in the scrubber solution is first reacted with iodine. The excess iodine is then back-titrated with phenylarsine oxide. The concentration of sulfide is determined through the back calculation of iodine being consumed. The method is derived from EPA "Test Methods for Evaluating Solid Waste, SW846, 3rd ed., 1986".

Reactive Sulfide - SW 846, 7.3.4.1 (aqueous/oil)

An aliquot of waste (approximately 200 ml for aqueous sample or 10 g for oil matrix) is acidified to pH 2 in a closed system. The gas generated is swept into a scrubber. The sulfide in the scrubber solution is first reacted with iodine. The excess iodine is then back-titrated with phenylarsine oxide. The concentration of sulfide is determined through the back calculation of iodine being consumed. The method is derived from EPA "Test Methods for Evaluating Solid Waste, SW846, 3rd ed., 1986".

Flash Point - EPA 1010

The sample is heated at a slow constant rate with continual stirring. A small flame is directed into the cup at regular intervals with simultaneous interruption of stirring. The flash point is the lowest temperature at which application of the test

flame ignites the vapor above the sample. The method is followed according to EPA "Test Methods for Evaluating Solid Waste", SW-846, 3rd ed., 1986.

pH - EPA 9045 (soil)

The soil sample is mixed either with Type II water or with a calcium chloride solution. The pH of the mixed solution is then measured with a pH meter.

pH - EPA 9045 (oil)

The oil sample is mixed with Type II water. The pH of the aqueous solution is then measured with a pH meter.

Diesel Range Organics (DRO) - by GC-FID

Approximately 25 grams of sample is extracted three times with 60 ml of methylene chloride by sonication technique. The extract is concentrated to 1 ml and analyzed by GC-FID. The presence of diesel in the sample is determined and quantified by the comparison with a diesel reference standard.

Date: 12/01/99 ACCREDITED LABORATORIES, INC. Time: 12:13:52

ORGANIC ANALYSIS LABORATORY CHRONICLE

DRO 8015

Client: Oxford Environmental
Test Date Due: 12/14/99
Fax Data Due: **12/10/99** Hard Copy Due: **12/10/99**
Client Project Name: D S C / Cornell

Date Sampled:11/30/99 Date Received:11/30/99 Report Package: Regulatory

Test: TCLP VOA QC#: _____
Test Description:TCLP Volatiles

By Method: _____

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#	x	Date	Time	Init	Date	Time	Init	
DCOMP-1	6481	9912994	S	12-2-99	17:00	NB	12-08-99	19:43	E.H.	
DCOMP-2	6481	9912995	O	"	"	"	"	21:04	"	
SP-1	6481	9912996	S	"	"	"	"	20:23	"	

Reviewed by: _____ Date: 12/10/99

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other

RPT:Report01

Date: 12/01/99 ACCREDITED LABORATORIES, INC. Time: 12:13:30

ORGANIC ANALYSIS LABORATORY CHRONICLE

DRO 8015

Client: Oxford Environmental
Test Date Due: 12/14/99
Fax Data Due: **12/10/99** Hard Copy Due: **12/10/99**
Client Project Name: D S C / Cornell

Date Sampled:11/30/99 Date Received:11/30/99 Report Package: Regulatory

Test: TCLP EXT ORG QC#: _____
Test Description:TCLP Extraction Organics

By Method: _____

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#		Date	Time	Init	Date	Time	Init	
DCOMP-1	6481	9912994	S	12-2-99	17:00	RB				
DCOMP-2	6481	9912995	O	"	"	"				
SP-1	6481	9912996	S	"	"	"				

Reviewed by: _____ Date: 12-3-99

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other

RPT:Report01

Date: 12/01/99 ACCREDITED LABORATORIES, INC. Time: 12:13:08

ORGANIC ANALYSIS LABORATORY CHRONICLE

DRO 8015

Client: Oxford Environmental
Test Date Due: 12/14/99
Fax Data Due: **12/10/99** Hard Copy Due: **12/10/99**
Client Project Name: D S C / Cornell

Date Sampled:11/30/99 Date Received:11/30/99 Report Package: Regulatory

Test: TCLP BNA QC#: _____
Test Description:TCLP Base Neutral Acid

By Method: _____

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#		Date	Time	Init	Date	Time	Init	
DCOMP-1	6481	9912994	S	12.8.99		dm	12/9/99	19:37	pm	
DCOMP-2	6481	9912995	O	"		"	"	22:37	"	
SP-1	6481	9912996	S	"		"	"	20:22	"	

Reviewed by: _____ Date: 12/10/99

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other

RPT:Report01

Date: 12/01/99 ACCREDITED LABORATORIES, INC. Time: 12:13:45

ORGANIC ANALYSIS LABORATORY CHRONICLE

DRO 8015

Client: Oxford Environmental
Test Date Due: 12/14/99
Fax Data Due: **12/10/99** Hard Copy Due: **12/10/99**
Client Project Name: D S C / Cornell

Date Sampled:11/30/99 Date Received:11/30/99 Report Package: Regulatory

Test: TCLP PEST QC#:_____
Test Description:TCLP Pesticides

By Method: _____

SAMPLE IDENTIFICATION			M	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#	t x	Date	Time	Init	Date	Time	Init	
DCOMP-1	6481	9912994	S	12-9-99		DM	12/10/99	02:41	JH	
DCOMP-2	6481	9912995	O	"		"	"	03:55	"	
SP-1	6481	9912996	S	"		"	"	03:18	"	

Reviewed by: _____ Date: 12/14/99

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other RPT:Report01

Date: 12/01/99 ACCREDITED LABORATORIES, INC. Time: 12:13:38

ORGANIC ANALYSIS LABORATORY CHRONICLE

DRO 8015

Client: Oxford Environmental
Test Date Due: 12/14/99
Fax Data Due: **12/10/99**
Hard Copy Due: **12/10/99**
Client Project Name: D S C / Cornell

Date Sampled:11/30/99 Date Received:11/30/99 Report Package: Regulatory

Test: TCLP HERB
QC#: _____
Test Description:TCLP Herbicides

By Method: _____

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#		Date	Time	Init	Date	Time	Init	
DCOMP-1	6481	9912994	S	12/8/99		SF	12-8-99	21:09	JH	
DCOMP-2	6481	9912995	O	/		/	/	21:59	/	
SP-1	6481	9912996	S	/		/	/	21:34	/	

Reviewed by: _____ Date: 12/9/99

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other
RPT:Report01

Date: 12/01/99 ACCREDITED LABORATORIES, INC. Time: 12:12:15

ORGANIC ANALYSIS LABORATORY CHRONICLE

DRO 8015

Client: Oxford Environmental
Test Date Due: 12/07/99
Fax Data Due: **12/10/99** Hard Copy Due: **12/10/99**
Client Project Name: D S C / Cornell

Date Sampled:11/30/99 Date Received:11/30/99 Report Package: Regulatory

Test: PCB QC#:
Test Description:PCBs (PCB)

By Method:

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#	x	Date	Time	Init	Date	Time	Init	
DCOMP-1	6481	9912994	S	12/3/99		SP	12-08-99	02:48	JH	
SP-1	6481	9912996	S					03:25		
SP-2	6481	9912997	S					04:02		
SP-3	6481	9912998	S					04:39		
SP-4	6481	9912999	S					05:16		
SP-5	6481	9913000	S					07:07		

Reviewed by: Date: 12/9/99

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other

RPT:Report01

Date: 12/01/99 ACCREDITED LABORATORIES, INC. Time: 12:13:08

ORGANIC ANALYSIS LABORATORY CHRONICLE

DRO 8015

Client: Oxford Environmental
Test Date Due: 12/14/99
Fax Data Due: **12/10/99**
Hard Copy Due: **12/10/99**
Client Project Name: D S C / Cornell

Date Sampled:11/30/99 Date Received:11/30/99 Report Package: Regulatory

Test: PCB
QC#: _____
Test Description:PCBs (PCB)

By Method: _____

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#		Date	Time	Init	Date	Time	Init	
DCOMP-2	6481	9912995	O	12/3/99		SP	12-08-99	07:44	gtt	

Reviewed by: _____ Date: 12/9/99

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other
RPT:Report01

Date: 12/01/99 ACCREDITED LABORATORIES, INC. Time: 12:13:23

ORGANIC ANALYSIS LABORATORY CHRONICLE

DRO 8015

Client: Oxford Environmental
Test Date Due: 12/14/99
Fax Data Due: **12/10/99** Hard Copy Due: **12/10/99**
Client Project Name: D S C / Cornell

Date Sampled:11/30/99 Date Received:11/30/99 Report Package: Regulatory

Test: TCLP EXT MET QC#: _____
Test Description:TCLP Extraction Metals

By Method: _____

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#		Date	Time	Init	Date	Time	Init	
DCOMP-1	6481	9912994	S	12-2-99	17:00	RB				
DCOMP-2	6481	9912995	O	"	"	"				
SP-1	6481	9912996	S	"	"	"				

Reviewed by: _____ Date: 12-3-99

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other

RPT:Report01

Date: 12/01/99 ACCREDITED LABORATORIES, INC. Time: 12:11:46
INORGANIC ANALYSIS LABORATORY CHRONICLE

DRO 8015

Client: Oxford Environmental Test Date Due: 12/14/99
Fax Data Due: **12/10/99** Hard Copy Due: **12/10/99**
Field#: DCOMP-1 Case#: 6481 Sample#: 9912994
Client Sample Description:
Date Sampled: 11/30/99 Date Received: 11/30/99 Report Package: Regulatory

Test: TCLP MET QC#: 990072
Test Description: TCLP Metals (TCLP MET) 990066
Project Name: D S C / Cornell
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____ LABORATORY CHRONICLE

						PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	Arsenic	As				12-03	LR	12/10	DE	926-82
S	Barium	Ba				〃	〃	〃	〃	〃
S	Cadmium	Cd				〃	〃	〃	〃	〃
S	Chromium-T	Cr				〃	〃	〃	〃	〃
S	Lead	Pb				〃	〃	〃	〃	〃
S	Mercury	Hg				12/3	DE	12/3		926-34
S	Selenium	Se				12-03	LR	12/10		926-82
S	Silver	Ag				〃	〃	〃		〃

Quality control Report Number(s): 991203 T

Reviewed by: _____ Date: _____ RPT:Report02

Date: 12/01/99 ACCREDITED LABORATORIES, INC. Time: 12:11:46
INORGANIC ANALYSIS LABORATORY CHRONICLE

DRO 8015

Client: Oxford Environmental
Test Date Due: 12/14/99
Fax Data Due: **12/10/99**
Hard Copy Due: **12/10/99**
Field#: DCOMP-2 Case#: 6481 Sample#: 9912995
Client Sample Description:
Date Sampled: 11/30/99 Date Received: 11/30/99 Report Package: Regulatory

Test: TCLP MET
QC#: 990 07 v
Test Description: TCLP Metals (TCLP MET)
99 0060
Project Name: D S C / Cornell
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
O	Arsenic	As				12-03	LR	12/4/10	DCE	926-84
O	Barium	Ba								
O	Cadmium	Cd								
O	Chromium-T	Cr								
O	Lead	Pb								
O	Mercury	Hg				12/3	DCE	12/7		934-34
O	Selenium	Se				12-03	LR	12/4/10		926-84
O	Silver	Ag								

Quality control Report Number(s): 991203 T

Reviewed by: _____ Date: _____ RPT:Report02

Date: 12/01/99 ACCREDITED LABORATORIES, INC. Time: 12:12:08

INORGANIC ANALYSIS LABORATORY CHRONICLE

DRO 8015

Client: Oxford Environmental
Test Date Due: 12/14/99
Fax Data Due: **12/10/99**
Hard Copy Due: **12/10/99**
Field#: SP-1 Case#: 6481 Sample#: 9912996
Client Sample Description:
Date Sampled: 11/30/99 Date Received: 11/30/99 Report Package: Regulatory

Test: TCLP MET
QC#: 99007v
Test Description: TCLP Metals (TCLP MET)
99006v
Project Name: D S C / Cornell
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	Arsenic	As				12-03	LR	12/4/10	DLE	926-84
S	Barium	Ba								
S	Cadmium	Cd								
S	Chromium-T	Cr								
S	Lead	Pb								
S	Mercury	Hg				12/3	DLE	12/3		926-34
S	Selenium	Se				12-03	LR	12/4/10		926-84
S	Silver	Ag								

Quality control Report Number(s): 991203 T

Reviewed by: _____ Date: _____ RPT:Report02

Date: 12/01/99

Accredited Laboratories, Inc.
General Chemistry Laboratory Chronicle

Time: 12:14:00
Page: 1

DRO 8015

Client Name: Oxford Environmental
Client Field Number: DCOMP-1
Client Sample Description:
Date Sampled: 11/30/99
Client Project Name: D S C / Cornell
Phases:

Case#: 6481
Date Received: 11/30/99

Sample#: 9912994
Fax Data Due: **12/10/99**
Hard Copy Due: **12/10/99**
Report Package: Regulatory

			ANALYTICAL DATA			SAMPLE PREP		SAMPLE ANALYSIS		
tx	Analytes	Test Due Date	RESULTS	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	% SOLIDS	12/14/99	75.0	0.10	%	12-2-99	dm	12-2-99	dm	4983
S	FP	12/14/99	>200	80	°F			12-3-99	dm	942-16
S	PH	11/30/99	6.45		SU			12-3-99	dm	840-89
S	RCN	12/14/99	ND	0.27	mg/kg	12-2-99	dm	12-3-99	dm	934-92
S	RS	12/07/99	ND	53.3	mg/kg	12-2-99	dm	12-3-99	dm	934-93

Reviewed By: _____ Date: _____

Matrix:A=Aqueous: S=Soil: O=Oil: K=Solid: F=Filters: P=Potable Water: G=Sludge: X=Other: RPT:Report06

30

Date: 12/01/99

Accredited Laboratories, Inc.
General Chemistry Laboratory Chronicle

Time: 12:14:07
Page: 2

DRO 8015

Client Name: Oxford Environmental
Client Field Number: DCOMP-2
Client Sample Description:
Date Sampled: 11/30/99
Client Project Name: D S C / Cornell
Phases:

Case#: 6481
Date Received: 11/30/99

Sample#: 9912995
Fax Data Due: **12/10/99**
Hard Copy Due: **12/10/99**
Report Package: Regulatory

			ANALYTICAL DATA			SAMPLE PREP		SAMPLE ANALYSIS		
tx	Analytes	Test Due Date	RESULTS	MDL	UNITS	DATE	INIT	DATE	INIT	REF
O	FP	12/14/99	170	80	°F			12.3.99	d.M	942-16
O	PH	12/14/99	6.86		SU			12.3.99		840-89
O	RCN	12/14/99	ND	0.20	mg/kg	12.2.99	d.M	12.3.99	d.M	934-92
O	RS	12/14/99	ND	40.0	mg/kg	12.2.99	d.M	12.3.99	d.M	934-93

Reviewed By: _____ Date: _____

Matrix:A=Aqueous: S=Soil: O=Oil: K=Solid: F=Filters: P=Potable Water: G=Sludge: X=Other: RPT:Report06

Ⓞ

Date: 12/01/99

Accredited Laboratories, Inc.
General Chemistry Laboratory Chronicle

Time: 12:14:15

DRO 8015

Client Name: Oxford Environmental
Client Field Number: SP-1
Client Sample Description:
Date Sampled: 11/30/99
Client Project Name: D S C / Cornell
Phases:

Case#: 6481

Date Received: 11/30/99

Sample#: 9912996
Fax Data Due: **12/10/99**
Hard Copy Due: **12/10/99**
Report Package: Regulatory

			ANALYTICAL DATA			SAMPLE PREP		SAMPLE ANALYSIS		
tx	Analytes	Test Due Date	RESULTS	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	% SOLIDS	12/14/99	86.0	0.10	%	12-2-99	d.m	12-2-99	d.m	4983
S	FP	12/14/99	> 200	80	°F			12-3-99	d.m	942-16
S	PH	11/30/99	6.74		SU			12-3-99		840-89
S	RCN	12/14/99	ND	0.23	mg/kg	12-2-99	d.m	12-3-99	d.m	934-92
S	RS	12/07/99	ND	46.5	mg/kg	12-2-99	d.m	12-3-99	d.m	934-93

Reviewed By: _____ Date: _____

Matrix:A=Aqueous: S=Soil: O=Oil: K=Solid: F=Filters: P=Potable Water: G=Sludge: X=Other: RPT:Report06

(3 2)

Date: 12/01/99

Accredited Laboratories, Inc.
General Chemistry Laboratory Chronicle

Time: 12:14:22
Page: 4

DRO 8015

Client Name: Oxford Environmental
Client Field Number: SP-2
Client Sample Description:
Date Sampled: 11/30/99
Client Project Name: D S C / Cornell
Phases:

Case#: 6481

Date Received: 11/30/99

Sample#: 9912997
Fax Data Due: **12/10/99**
Hard Copy Due: **12/10/99**
Report Package: Regulatory

tx	Analytes	Test Due Date	ANALYTICAL DATA RESULTS	MDL	UNITS	SAMPLE PREP DATE	INIT	SAMPLE ANALYSIS DATE	INIT	REF
S	% SOLIDS	12/14/99	86.3	0.10	%	12-2-99	DM	12.2.99	DM	4983

Reviewed By: _____ Date: _____

Matrix:A=Aqueous: S=Soil: O=Oil: K=Solid: F=Filters: P=Potable Water: G=Sludge: X=Other: RPT:Report06

Date: 12/01/99

Accredited Laboratories, Inc.
General Chemistry Laboratory Chronicle

Time: 12:14:29
Page: 5

DRO 8015

Client Name: Oxford Environmental
Client Field Number: SP-3
Client Sample Description:
Date Sampled: 11/30/99
Client Project Name: D S C / Cornell
Phases:

Case#: 6481

Date Received: 11/30/99

Sample#: 9912998
Fax Data Due: **12/10/99**
Hard Copy Due: **12/10/99**
Report Package: Regulatory

			ANALYTICAL DATA			SAMPLE PREP		SAMPLE ANALYSIS		
tx	Analytes	Test Due Date	RESULTS	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	% SOLIDS	12/14/99	85.2	0.10	%	12.2.99	DM	12.2.99	DM	4983

Reviewed By: _____ Date: _____

Matrix:A=Aqueous: S=Soil: O=Oil: K=Solid: F=Filters: P=Potable Water: G=Sludge: X=Other: RPT:Report06

3f

Date: 12/01/99

Accredited Laboratories, Inc.
General Chemistry Laboratory Chronicle

Time: 12:14:37
Page: 6

DRO 8015

Client Name: Oxford Environmental
Client Field Number: SP-4
Client Sample Description:
Date Sampled: 11/30/99
Client Project Name: D S C / Cornell
Phases:

Case#: 6481

Date Received: 11/30/99

Sample#: 9912999
Fax Data Due: **12/10/99**
Hard Copy Due: **12/10/99**
Report Package: Regulatory

			ANALYTICAL DATA			SAMPLE PREP		SAMPLE ANALYSIS		
tx	Analytes	Test Due Date	RESULTS	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	% SOLIDS	12/14/99	85.6	0.10	%	12.2.99	dm	12.2.99	dm	4984

Reviewed By: _____ Date: _____

Matrix:A=Aqueous: S=Soil: O=Oil: K=Solid: F=Filters: P=Potable Water: G=Sludge: X=Other: RPT:Report06

35

Date: 12/01/99

Accredited Laboratories, Inc.
General Chemistry Laboratory Chronicle

Time: 12:14:44
Page: 7

DRO 8015

Client Name: Oxford Environmental
Client Field Number: SP-5
Client Sample Description:
Date Sampled: 11/30/99
Client Project Name: D S C / Cornell
Phases:

Case#: 6481
Date Received: 11/30/99

Sample#: 9913000
Fax Data Due: **12/10/99**
Hard Copy Due: **12/10/99**
Report Package: Regulatory

			ANALYTICAL DATA			SAMPLE PREP		SAMPLE ANALYSIS		
tx	Analytes	Test Due Date	RESULTS	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	% SOLIDS	12/14/99	86.0	0.10	%	12-2-99	D.M	12-2-99	D.M	4984

Reviewed By: _____ Date: _____

Matrix:A=Aqueous: S=Soil: O=Oil: K=Solid: F=Filters: P=Potable Water: G=Sludge: X=Other: RPT:Report06

36

Date: 12/01/99 ACCREDITED LABORATORIES, INC. Time: 12:12:15

ORGANIC ANALYSIS LABORATORY CHRONICLE

DRO 8015

Client: Oxford Environmental
Test Date Due: 12/14/99
Fax Data Due: **12/10/99** Hard Copy Due: **12/10/99**
Client Project Name: D S C / Cornell

Date Sampled:11/30/99 Date Received:11/30/99 Report Package: Regulatory

Test: GCFID/DRO QC#:_____
Test Description:GCFID/DRO (TPHC)

By Method: _____

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#		Date	Time	Init	Date	Time	Init	
DCOMP-1	6481	9912994	S	12/8/99		SP	12-9-99		CG	
DCOMP-2	6481	9912995	O	/		/	/		/	
SP-1	6481	9912996	S	/		/	/		/	

Reviewed by:_____ Date:_____

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other

RPT:Report01

CONFORMANCE/NON-CONFORMANCE SUMMARY

Accredited Labs received 1 oil sample and 6 soil samples (Project: DSC/Cornell; ALI Case #6481) from Oxford Environmental, Inc. on 11/30/99 for the analyses of Full TCLP Scan, PCBs, Flash Point, pH, Reactivity and GCFID/DRO.

All analyses were performed within the required holding time.

The MDL levels were elevated for ALI Sample #9912995, for all the organic TCLP analyses, due to matrix interference.

In the TCLP BNA analysis, two surrogates (Nitrobenzene-d5 and 2-Fluorobiphenyl) for ALI Sample #9912995 were out of criteria. The sample was diluted and analyzed and one surrogate (2-Fluorobiphenyl) was again recovered out of the required criteria.

In the TCLP Metal analysis, the recoveries of certain matrix spike analytes were out of criteria. The matrix spikes were reanalyzed and reported.

"The laboratory has reviewed the quality assurance and quality control measurements for the sample analysis stated above."

T. Gaydos

Theodore C. Gaydos
Technical Director

STATE OF NEW JERSEY

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certifies That

ACCREDITED LABORATORIES

(Laboratory Name)

12007

(Laboratory I.D. Number)

having duly met the requirements of the

Regulations Governing The Certification Of

Laboratories And Environmental Measurements N.J.A.C. 7:18 et.seq.

is hereby approved as a

State Certified Environmental Laboratory

To perform the analyses as indicated on the Annual Certified Parameter List

which must accompany this certificate to be valid

Expiration Date: June 30, 2000

Joseph F. Aiello, Chief
Office of Quality Assurance

THIS CERTIFICATE IS TO BE CONSPICUOUSLY DISPLAYED AT THE LABORATORY WITH THE ANNUAL CERTIFIED PARAMETER LIST IN A LOCATION ON THE PREMISES VISIBLE TO THE PUBLIC

ACCREDITED LABORATORIES, INC.
TCLP VOLATILES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912994	DILUTION FACTOR	10
DATA FILE	>A5132	DATE EXTRACTED	
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-1	ANALYZED BY	ROBERT

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene	U	.050	0.5
78933	2-Butanone	U	.100	200.0
56235	Carbon Tetrachloride	U	.050	0.5
108907	Chlorobenzene	U	.050	100.0
67663	Chloroform	U	.050	6.0
75354	1,1-Dichloroethene	U	.050	0.7
107062	1,2-Dichloroethane	U	.050	0.5
127184	Tetrachloroethene	U	.050	0.7
79016	Trichloroethene	U	.050	0.5
75014	Vinyl Chloride	U	.100	0.2

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	76 %	76 - 114	OK
Toluene-d8	103 %	88 - 110	OK
Bromofluorobenzene	92 %	86 - 115	OK

(U) Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Butanone = Methyl ethyl ketone

ACCREDITED LABORATORIES, INC.
TCLP VOLATILES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912995	DILUTION FACTOR	1000
DATA FILE	>A5134	DATE EXTRACTED	
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-2	ANALYZED BY	ROBERT

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene	U	5.000	0.5
78933	2-Butanone	U	10.000	200.0
56235	Carbon Tetrachloride	U	5.000	0.5
108907	Chlorobenzene	U	5.000	100.0
67663	Chloroform	U	5.000	6.0
75354	1,1-Dichloroethene	U	5.000	0.7
107062	1,2-Dichloroethane	U	5.000	0.5
127184	Tetrachloroethene	U	5.000	0.7
79016	Trichloroethene	U	5.000	0.5
75014	Vinyl Chloride	U	10.000	0.2

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	104 %	76 - 114	OK
Toluene-d8	101 %	88 - 110	OK
Bromofluorobenzene	108 %	86 - 115	OK

(U) Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Butanone = Methyl ethyl ketone

ACCREDITED LABORATORIES, INC.
TCLP VOLATILES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912996	DILUTION FACTOR	10
DATA FILE	>A5133	DATE EXTRACTED	
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-1	ANALYZED BY	ROBERT

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene	U	.050	0.5
78933	2-Butanone	U	.100	200.0
56235	Carbon Tetrachloride	U	.050	0.5
108907	Chlorobenzene	U	.050	100.0
67663	Chloroform	U	.050	6.0
75354	1,1-Dichloroethene	U	.050	0.7
107062	1,2-Dichloroethane	U	.050	0.5
127184	Tetrachloroethene	U	.050	0.7
79016	Trichloroethene	U	.050	0.5
75014	Vinyl Chloride	U	.100	0.2

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	77 %	76 - 114	OK
Toluene-d8	103 %	88 - 110	OK
Bromofluorobenzene	94 %	86 - 115	OK

(U) Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Butanone = Methyl ethyl ketone

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912994	DILUTION FACTOR	10
DATA FILE	>F9822	DATE EXTRACTED	12/08/99
CLIENT NAME	OF	DATE ANALYZED	12/09/99
FIELD ID	DCOMP-1	ANALYZED BY	DANIEL

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
110861	Pyridine	U	.10	5.0
106467	1,4-Dichlorobenzene	U	.10	7.5
95487	2-Methylphenol	U	.10	200.0
108394	3&4-Methylphenol	U	.10	200.0
67721	Hexachloroethane	U	.10	3.0
989103	Nitrobenzene	U	.10	2.0
87683	Hexachlorobutadiene	U	.10	0.5
88062	2,4,6-Trichlorophenol	U	.10	2.0
9109104	2,4,5-Trichlorophenol	U	.50	400.0
121142	2,4-Dinitrotoluene	U	.10	0.13
118741	Hexachlorobenzene	U	.10	0.13
878610	Pentachlorophenol	U	.10	100.0

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
2-Fluorophenol	50 %	21 - 100	OK
Phenol-d5	54 %	10 - 94	OK
Nitrobenzene-d5	64 %	35 - 114	OK
2-Fluorobiphenyl	66 %	43 - 116	OK
2,4,6-Tribromophenol	75 %	10 - 123	OK
Terphenyl-d14	78 %	33 - 141	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Methylphenol = o-cresol
* 3-Methylphenol = m-cresol
* 4-Methylphenol = p-cresol

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied.

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912995	DILUTION FACTOR	10000
DATA FILE	>F9826	DATE EXTRACTED	12/08/99
CLIENT NAME	QE	DATE ANALYZED	12/09/99
FIELD ID	DCOMP-2	ANALYZED BY	DANIEL

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
110861	Pyridine	U	100.00	5.0
106467	1,4-Dichlorobenzene	U	100.00	7.5
95478	2-Methylphenol	U	100.00	200.0
108394	3&4-Methylphenol	U	100.00	200.0
67721	Hexachloroethane	U	100.00	3.0
989103	Nitrobenzene	U	100.00	2.0
87683	Hexachlorobutadiene	U	100.00	0.5
88062	2,4,6-Trichlorophenol	U	100.00	2.0
9109104	2,4,5-Trichlorophenol	U	500.00	400.0
121142	2,4-Dinitrotoluene	U	100.00	0.13
118741	Hexachlorobenzene	U	100.00	0.13
878610	Pentachlorophenol	U	100.00	100.0

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
2-Fluorophenol	74 %	21 - 100	OK
Phenol-d5	74 %	10 - 94	OK
Nitrobenzene-d5	117 %	35 - 114	OUT
2-Fluorobiphenyl	163 %	43 - 116	OUT
2,4,6-Tribromophenol	47 %	10 - 123	OK
Terphenyl-d14	60 %	33 - 141	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Methylphenol = o-cresol
* 3-Methylphenol = m-cresol
* 4-Methylphenol = p-cresol

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied.

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912995DL	DILUTION FACTOR	100000
DATA FILE	>F9832	DATE EXTRACTED	12/08/99
CLIENT NAME	OE	DATE ANALYZED	12/10/99
FIELD ID	DCOMP-2	ANALYZED BY	DANIEL

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
110861	Pyridine	U	1000.00	5.0
106467	1,4-Dichlorobenzene	U	1000.00	7.5
95478	2-Methylphenol	U	1000.00	200.0
108394	3&4-Methylphenol	U	1000.00	200.0
67721	Hexachloroethane	U	1000.00	3.0
989103	Nitrobenzene	U	1000.00	2.0
87683	Hexachlorobutadiene	U	1000.00	0.5
88062	2,4,6-Trichlorophenol	U	1000.00	2.0
9109104	2,4,5-Trichlorophenol	U	5000.00	400.0
121142	2,4-Dinitrotoluene	U	1000.00	0.13
118741	Hexachlorobenzene	U	1000.00	0.13
878610	Pentachlorophenol	U	1000.00	100.0

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
2-Fluorophenol	82 %	21 - 100	OK
Phenol-d5	78 %	10 - 94	OK
Nitrobenzene-d5	78 %	35 - 114	OK
2-Fluorobiphenyl	127 %	43 - 116	OUT
2,4,6-Tribromophenol	7 %	10 - 123	OUT
Terphenyl-d14	97 %	33 - 141	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Methylphenol = o-cresol
* 3-Methylphenol = m-cresol
* 4-Methylphenol = p-cresol

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied.

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912996	DILUTION FACTOR	10
DATA FILE	>F9823	DATE EXTRACTED	12/08/99
CLIENT NAME	OE	DATE ANALYZED	12/09/99
FIELD ID	SP-1	ANALYZED BY	DANIEL

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
110861	Pyridine	U	.10	5.0
106467	1,4-Dichlorobenzene	U	.10	7.5
95478	2-Methylphenol	U	.10	200.0
108394	3&4-Methylphenol	U	.10	200.0
67721	Hexachloroethane	U	.10	3.0
989103	Nitrobenzene	U	.10	2.0
87683	Hexachlorobutadiene	U	.10	0.5
88062	2,4,6-Trichlorophenol	U	.10	2.0
9109104	2,4,5-Trichlorophenol	U	.50	400.0
121142	2,4-Dinitrotoluene	U	.10	0.13
118741	Hexachlorobenzene	U	.10	0.13
878610	Pentachlorophenol	U	.10	100.0

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
2-Fluorophenol	55 %	21 - 100	OK
Phenol-d5	58 %	10 - 94	OK
Nitrobenzene-d5	70 %	35 - 114	OK
2-Fluorobiphenyl	72 %	43 - 116	OK
2,4,6-Tribromophenol	77 %	10 - 123	OK
Terphenyl-d14	79 %	33 - 141	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Methylphenol = o-cresol
* 3-Methylphenol = m-cresol
* 4-Methylphenol = p-cresol

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied.

ACCREDITED LABORATORIES, INC.
TCLP PESTICIDES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912994	DILUTION FACTOR	50
DATA FILE	>G4774	DATE EXTRACTED	12/09/99
CLIENT NAME	OE	DATE ANALYZED	12/10/99
FIELD ID	DCOMP-1	ANALYZED BY	JEFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
58-89-9	G-BHC (Lindane)	U	.001	0.400
76-44-8	Heptachlor	U	.001	0.008
1024-57-3	Heptachlor Epoxide	U	.001	0.008
72-20-8	Endrin	U	.002	0.02
72-43-5	Methoxychlor	U	.010	10.0
5103-71-9	A-Chlordane	U	.001	0.03
5103-74-2	G-Chlordane	U	.001	0.03
8001-35-2	Toxaphene	U	.050	0.5

SURROGATE COMPOUNDS	RECOVERY	ADVISORY LIMITS	STATUS
DCB	87%	30 - 150	OK
Tetrachloro-m-xylene	75%	30 - 150	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC.
TCLP PESTICIDES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912995	DILUTION FACTOR	1000
DATA FILE	>G4776	DATE EXTRACTED	12/09/99
CLIENT NAME	OE	DATE ANALYZED	12/10/99
FIELD ID	DCOMP-2	ANALYZED BY	JEFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
58-89-9	G-BHC (Lindane)	U	.020	0.400
76-44-8	Heptachlor	U	.020	0.008
1024-57-3	Heptachlor Epoxide	U	.020	0.008
72-20-8	Endrin	U	.040	0.02
72-43-5	Methoxychlor	U	.200	10.0
5103-71-9	A-Chlordane	U	.020	0.03
5103-74-2	G-Chlordane	U	.020	0.03
8001-35-2	Toxaphene	U	1.000	0.5

SURROGATE COMPOUNDS	RECOVERY	ADVISORY LIMITS	STATUS
DCB	91%	30 - 150	OK
Tetrachloro-m-xylene	91%	30 - 150	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC.
TCLP PESTICIDES ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912996	DILUTION FACTOR	50
DATA FILE	>G4775	DATE EXTRACTED	12/09/99
CLIENT NAME	OE	DATE ANALYZED	12/10/99
FIELD ID	SP-1	ANALYZED BY	JEFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
58-89-9	G-BHC (Lindane)	U	.001	0.400
76-44-8	Heptachlor	U	.001	0.008
1024-57-3	Heptachlor Epoxide	U	.001	0.008
72-20-8	Endrin	U	.002	0.02
72-43-5	Methoxychlor	U	.010	10.0
5103-71-9	A-Chlordane	U	.001	0.03
5103-74-2	G-Chlordane	U	.001	0.03
8001-35-2	Toxaphene	U	.050	0.5

SURROGATE COMPOUNDS	RECOVERY	ADVISORY LIMITS	STATUS
DCB	88%	30 - 150	OK
Tetrachloro-m-xylene	77%	30 - 150	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
TCLP HERBICIDE ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912994	DILUTION FACTOR	1
DATA FILE	>A0603	DATE EXTRACTED	12/08/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-1	ANALYZED BY	JEFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
94757	2,4'-D	U	.100	10.0
93721	SILVEX	U	.010	1.0

U - Indicates compound was analyzed for but not detected

ACCREDITED LABORATORIES, INC
TCLP HERBICIDE ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912995	DILUTION FACTOR	20
DATA FILE	>A0605	DATE EXTRACTED	12/08/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-2	ANALYZED BY	JEFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
94757	2,4'-D	U	2.000	10.0
93721	SILVEX	U	.200	1.0

U - Indicates compound was analyzed for but not detected

ACCREDITED LABORATORIES, INC
TCLP HERBICIDE ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Leachate
SAMPLE NUMBER	9912996	DILUTION FACTOR	1
DATA FILE	>A0604	DATE EXTRACTED	12/08/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-1	ANALYZED BY	JEFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
94757	2,4'-D	U	.100	10.0
93721	SILVEX	U	.010	1.0

U - Indicates compound was analyzed for but not detected

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912994	DILUTION FACTOR	1
DATA FILE	>G4744	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-1	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	22.2
11104282	Aroclor-1221	U	22.2
11141165	Aroclor-1232	U	22.2
53469219	Aroclor-1242	268000 E I	22.2
12672296	Aroclor-1248	U	22.2
11097691	Aroclor-1254	109000 E I	22.2
11096825	Aroclor-1260	U	22.2

Percent Solid of 75.0 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912994DL 1000	DILUTION FACTOR	1000
DATA FILE	>G4755	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-1	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	2220
11104282	Aroclor-1221	U	2220
11141165	Aroclor-1232	U	2220
53469219	Aroclor-1242	63800000 E DI	2220
12672296	Aroclor-1248	U	2220
11097691	Aroclor-1254	27000000 E DI	2220
11096825	Aroclor-1260	U	2220

Percent Solid of 75.0 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912994DL2 100000	DILUTION FACTOR	100000
DATA FILE	>G4763	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-1	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG		MDL
12674112	Aroclor-1016	U		22200
11104282	Aroclor-1221	U		22200
11141165	Aroclor-1232	U		22200
53469219	Aroclor-1242	160000000	DI	22200
12672296	Aroclor-1248	U		22200
11097691	Aroclor-1254	517000000	DI	22200
11096825	Aroclor-1260	U		22200

Percent Solid of 75.0 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

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ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Oil
SAMPLE NUMBER	9912995	DILUTION FACTOR	1
DATA FILE	>G4752	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	DCOMP-2	ANALYZED BY	JEFF

CAS#	COMPOUND	MG/KG	MDL
12674112	Aroclor-1016	U	.500
11104282	Aroclor-1221	U	.500
11141165	Aroclor-1232	U	.500
53469219	Aroclor-1242	97.3	.500
12672296	Aroclor-1248	U	.500
11097691	Aroclor-1254	77.0	.500
11096825	Aroclor-1260	U	.500

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912996	DILUTION FACTOR	1
DATA FILE	>G4745	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-1	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	19.4
11104282	Aroclor-1221	U	19.4
11141165	Aroclor-1232	U	19.4
53469219	Aroclor-1242	85200 E I	19.4
12672296	Aroclor-1248	U	19.4
11097691	Aroclor-1254	145000 E I	19.4
11096825	Aroclor-1260	U	19.4

Percent Solid of 86.0 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

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ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912996DL 200	DILUTION FACTOR	200
DATA FILE	>G4756	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-1	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG		MDL
12674112	Aroclor-1016	U		3880
11104282	Aroclor-1221	U		3880
11141165	Aroclor-1232	U		3880
53469219	Aroclor-1242	205000	DI	3880
12672296	Aroclor-1248	U		3880
11097691	Aroclor-1254	806000	DI	3880
11096825	Aroclor-1260	U		3880

Percent Solid of 86.0 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

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ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912997	DILUTION FACTOR	1
DATA FILE	>G4746	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-2	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	19.3
11104282	Aroclor-1221	U	19.3
11141165	Aroclor-1232	U	19.3
53469219	Aroclor-1242	86800 E I	19.3
12672296	Aroclor-1248	U	19.3
11097691	Aroclor-1254	145000 E I	19.3
11096825	Aroclor-1260	U	19.3

Percent Solid of 86.3 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912997DL 200	DILUTION FACTOR	200
DATA FILE	>G4757	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-2	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG		MDL
12674112	Aroclor-1016	U		3860
11104282	Aroclor-1221	U		3860
11141165	Aroclor-1232	U		3860
53469219	Aroclor-1242	151000	DI	3860
12672296	Aroclor-1248	U		3860
11097691	Aroclor-1254	603000	DI	3860
11096825	Aroclor-1260	U		3860

Percent Solid of 86.3 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912998	DILUTION FACTOR	1
DATA FILE	>G4747	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-3	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	19.6
11104282	Aroclor-1221	U	19.6
11141165	Aroclor-1232	U	19.6
53469219	Aroclor-1242	106000 E I	19.6
12672296	Aroclor-1248	U	19.6
11097691	Aroclor-1254	161000 E I	19.6
11096825	Aroclor-1260	U	19.6

Percent Solid of 85.2 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912998DL 200	DILUTION FACTOR	200
DATA FILE	>G4758	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-3	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG		MDL
12674112	Aroclor-1016	U		3910
11104282	Aroclor-1221	U		3910
11141165	Aroclor-1232	U		3910
53469219	Aroclor-1242	187000	DI	3910
12672296	Aroclor-1248	U		3910
11097691	Aroclor-1254	708000	DI	3910
11096825	Aroclor-1260	U		3910

Percent Solid of 85.2 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912999	DILUTION FACTOR	1
DATA FILE	>G4748	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-4	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	19.5
11104282	Aroclor-1221	U	19.5
11141165	Aroclor-1232	U	19.5
53469219	Aroclor-1242	94400 E I	19.5
12672296	Aroclor-1248	U	19.5
11097691	Aroclor-1254	162000 E I	19.5
11096825	Aroclor-1260	U	19.5

Percent Solid of 85.6 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9912999DL 200	DILUTION FACTOR	200
DATA FILE	>G4759	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-4	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG		MDL
12674112	Aroclor-1016	U		3890
11104282	Aroclor-1221	U		3890
11141165	Aroclor-1232	U		3890
53469219	Aroclor-1242	138000	DI	3890
12672296	Aroclor-1248	U		3890
11097691	Aroclor-1254	632000	DI	3890
11096825	Aroclor-1260	U		3890

Percent Solid of 85.6 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9913000	DILUTION FACTOR	1
DATA FILE	>G4751	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-5	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	19.4
11104282	Aroclor-1221	U	19.4
11141165	Aroclor-1232	U	19.4
53469219	Aroclor-1242	82400 E I	19.4
12672296	Aroclor-1248	U	19.4
11097691	Aroclor-1254	159000 E I	19.4
11096825	Aroclor-1260	U	19.4

Percent Solid of 86.0 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6481	MATRIX	Soil
SAMPLE NUMBER	9913000DL 200	DILUTION FACTOR	200
DATA FILE	>G4762	DATE EXTRACTED	12/03/99
CLIENT NAME	OE	DATE ANALYZED	12/08/99
FIELD ID	SP-5	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG		MDL
12674112	Aroclor-1016	U		3880
11104282	Aroclor-1221	U		3880
11141165	Aroclor-1232	U		3880
53469219	Aroclor-1242	119000	DI	3880
12672296	Aroclor-1248	U		3880
11097691	Aroclor-1254	535000	DI	3880
11096825	Aroclor-1260	U		3880

Percent Solid of 86.0 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
INORGANIC ANALYSIS DATA SHEET

Case #:	6481	Matrix:	Leachate
Sample #:	9912994	Date Received:	11/30/99
Field ID:	DCOMP-1		
Client Name:	OE		

CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.00	1	5.00	P	12/10/99
7440-39-3	Barium	3.74	.200	1	100.00	P	12/10/99
7440-43-9	Cadmium	.598	.100	1	1.00	P	12/10/99
7440-47-3	Chromium	ND	.100	1	5.00	P	12/10/99
7439-92-1	Lead	14.7	.500	1	5.00	P	12/10/99
7439-97-6	Mercury	ND	.002	2	.20	CV	12/03/99
7782-49-2	Selenium	ND	.500	1	1.00	P	12/10/99
7440-22-4	Silver	ND	.100	1	5.00	P	12/10/99

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
INORGANIC ANALYSIS DATA SHEET

Case #: 6481
Sample #: 9912995
Field ID: DCOMP-2
Client Name: OE

Matrix: Leachate
Date Received: 11/30/99

CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.00	1	5.00	P	12/10/99
7440-39-3	Barium	ND	.200	1	100.00	P	12/10/99
7440-43-9	Cadmium	ND	.100	1	1.00	P	12/10/99
7440-47-3	Chromium	ND	.100	1	5.00	P	12/10/99
7439-92-1	Lead	ND	.500	1	5.00	P	12/10/99
7439-97-6	Mercury	ND	.010	10	.20	CV	12/03/99
7782-49-2	Selenium	ND	.500	1	1.00	P	12/10/99
7440-22-4	Silver	ND	.100	1	5.00	P	12/10/99

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
INORGANIC ANALYSIS DATA SHEET

Case #: 6481
Sample #: 9912996
Field ID: SP-1
Client Name: OE

Matrix: Leachate
Date Received: 11/30/99

CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.00	1	5.00	P	12/10/99
7440-39-3	Barium	1.54	.200	1	100.00	P	12/10/99
7440-43-9	Cadmium	.280	.100	1	1.00	P	12/10/99
7440-47-3	Chromium	ND	.100	1	5.00	P	12/10/99
7439-92-1	Lead	1.00	.500	1	5.00	P	12/10/99
7439-97-6	Mercury	ND	.002	2	.20	CV	12/03/99
7782-49-2	Selenium	ND	.500	1	1.00	P	12/10/99
7440-22-4	Silver	ND	.100	1	5.00	P	12/10/99

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
GENERAL CHEMISTRY ANALYSIS DATA

Case #: 6481
Sample #: 9912994
Client Name: OE
Field Number: DCOMP-1

Matrix: Soil
Date Received: 11/30/99
% Moisture: 25.0

ANALYTES	RESULTS	MDL	UNITS	DILUTION FACTOR	METHOD BLANK RESULTS	METHOD BLANK MDL	ANALYSIS DATE
Solids, Percent	75.0	0.10	%	1.			12/02/99
Flash Point	>200	80.	°F	1.			12/03/99
PH	6.45		S.U.	1.			12/03/99
Cyanide, Reactive	ND	0.27	mg/Kg	1.	ND	0.20	12/03/99
Sulfide, Reactive	ND	53.3	mg/Kg	1.	ND	40.0	12/03/99

ACCREDITED LABORATORIES, INC.
GENERAL CHEMISTRY ANALYSIS DATA

Case #: 6481
Sample #: 9912995
Client Name: OE
Field Number: DCOMP-2

Matrix: Oil
Date Received: 11/30/99

ANALYTES	RESULTS	MDL	UNITS	DILUTION FACTOR	METHOD BLANK RESULTS	METHOD BLANK MDL	ANALYSIS DATE
Flash Point	170.	80.	°F	1.			12/03/99
PH	6.86		S.U.	1.			12/03/99
Cyanide, Reactive	ND	0.20	mg/Kg	1.	ND	0.20	12/03/99
Sulfide, Reactive	ND	40.0	mg/Kg	1.	ND	40.0	12/03/99

ACCREDITED LABORATORIES, INC.
GENERAL CHEMISTRY ANALYSIS DATA

Case #: 6481
Sample #: 9912996
Client Name: OE
Field Number: SP-1

Matrix: Soil
Date Received: 11/30/99
% Moisture: 14.0

ANALYTES	RESULTS	MDL	UNITS	DILUTION FACTOR	METHOD BLANK RESULTS	METHOD BLANK MDL	ANALYSIS DATE
Solids, Percent	86.0	0.10	S.U.	1.			12/02/99
Flash Point	>200	80.	°F	1.			12/03/99
PH	6.74		S.U.	1.			12/03/99
Cyanide, Reactive	ND	0.23	mg/Kg	1.	ND	0.20	12/03/99
Sulfide, Reactive	ND	46.5	mg/Kg	1.	ND	40.0	12/03/99

02

ACCREDITED LABORATORIES, INC.
DRO by GC-FID

CASE NUMBER	6481	MATRIX	Soil
CLIENT NAME	OE	DATE RECEIVED	11/30/99
ANALYZED BY	CLIFF	DATE EXTRACTED	12/08/99

Field ID	Sample #	% Solids	Dilution Factor	Date Analyzed	Result mg/Kg	MDL mg/Kg	Data File
	DBLK49		1	12/08/99	ND	4.0	>K8823
DCOMP-1	9912994	75.0	5	12/09/99	ND	27	>K8828
SP-1	9912996	86.0	1	12/09/99	ND	4.7	>K8829

ND - Not Detected
Detection was based on the peak pattern compared to Diesel Fuel #2.

ACCREDITED LABORATORIES, INC.
DRO by GC-FID

CASE NUMBER	6481	MATRIX	Oil
CLIENT NAME	OE	DATE RECEIVED	11/30/99
ANALYZED BY	CLIFF	DATE EXTRACTED	12/08/99

Field ID	Sample #	% Solids	Dilution Factor	Date Analyzed	Result mg/Kg	MDL mg/Kg	Data File
	DBLK49		1	12/08/99	ND	1000	>K8823
DCOMP-2	9912995		1	12/09/99	512000	1000	>K8832

ND - Not Detected
Detection was based on the peak pattern compared to Diesel Fuel #2.

5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED LABORATORIES, INC. Contract: _____

Lab File ID: >A5121 BFB Injection Date: 12/08/99

Instrument ID: HP5970BA BFB Injection Time: 11:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.1
75	30.0 - 60.0% of mass 95	44.4
95	Base peak, 100% relative abundance	100.
96	5.0 - 9.0% of mass 95	8.1
173	Less than 2.0% of mass 174	0.0(0.0)1
174	Greater than 50.0% of mass 95	67.3
175	5.0 - 9.0% of mass 174	4.9(7.2)1
176	95.0 - 101.0% of mass 174	66.7(99.0)1
177	5.0 - 9.0% of mass 176	4.3(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD020	>A5123	12/08/99	13:31
02		VSTD010	>A5124	12/08/99	14:12
03		VSTD100	>A5125	12/08/99	14:52
04		VSTD200	>A5126	12/08/99	15:34
05		VSTD050	>A5127	12/08/99	16:15
06		VBLKA15	>A5129	12/08/99	17:41
07		9912922DL	>A5130	12/08/99	18:22
08		9912996MS	>A5131	12/08/99	19:02
09		9912994	>A5132	12/08/99	19:43
10		9912996	>A5133	12/08/99	20:23
11		9912995	>A5134	12/08/99	21:04
12		9913080	>A5135	12/08/99	21:46
13		9913213	>A5136	12/08/99	22:26
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

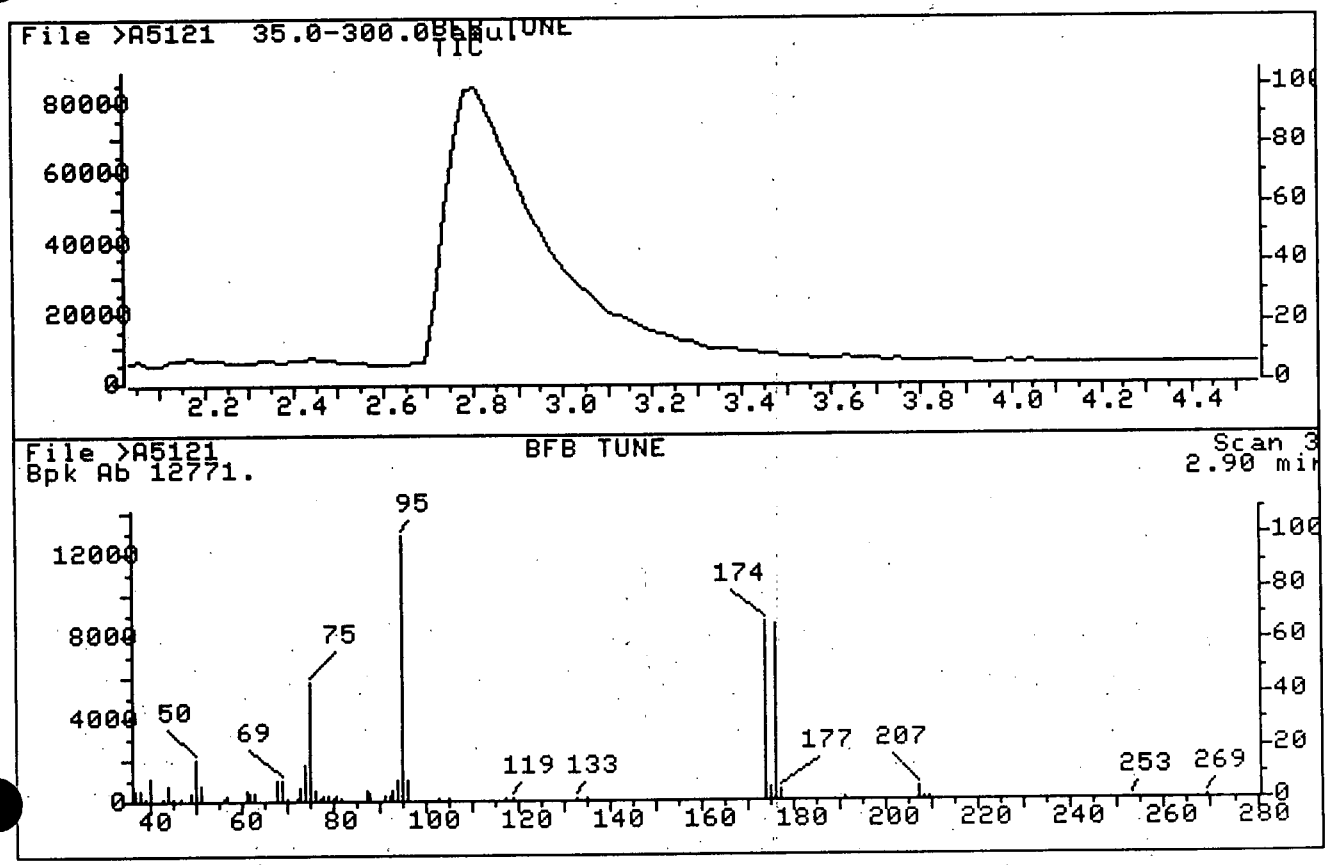
95

GC/MS PERFORMANCE STANDARD

Bromofluorobenzene (BFB)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
50	15-40% of mass 95	16.07	16.07	Ok
75	30-60% of mass 95	44.39	44.39	Ok
95	Base peak, 100% relative abundance	100.00	100.00	Ok
96	5-9% of mass 95	8.08	8.08	Ok
173	Less than 2% of mass 174	0.00	0.00	Ok
174	Greater than 50% of mass 95	67.34	67.34	Ok
175	5-9% of mass 174	4.88	7.24	Ok
176	95-101% of mass 174	66.66	98.99	Ok
177	5-9% of mass 176	4.34	6.51	Ok

Injection Date: 12/08/99
Injection Time: 11:59
Data File: >A5121
Scan: 39



96

>A5121 BFB TUNE
39

File: >A5121 Scan #: 39 Retn. time: 2.90

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
36.00	299.0	56.00	142.0	75.00	5669.0	92.95	457.0	134.85	85.0
36.90	532.0	56.90	301.0	76.00	468.0	93.95	1055.0	173.95	8600.0
38.00	458.0	60.90	528.0	77.00	186.0	95.00	12771.0	174.95	623.0
39.05	195.0	61.95	415.0	78.00	203.0	96.00	1032.0	175.95	8513.0
39.95	1172.0	62.95	350.0	78.90	283.0	97.00	55.0	176.95	554.0
42.95	122.0	66.95	63.0	79.80	153.0	102.90	84.0	190.80	97.0
43.95	722.0	67.95	1025.0	80.80	281.0	103.90	54.0	207.00	683.0
44.95	173.0	68.95	1060.0	81.80	145.0	104.90	84.0	208.00	182.0
46.95	150.0	70.05	118.0	86.95	489.0	114.85	52.0	209.00	113.0
48.95	395.0	71.95	97.0	87.95	431.0	117.00	81.0	252.90	66.0
49.95	2052.0	73.00	689.0	90.95	240.0	119.00	104.0	269.05	162.0
51.00	705.0	74.00	1762.0	91.95	266.0	132.95	138.0	281.00	146.0
52.00	68.0								

Initial Calibration Data
HSL Compounds

Case No: Instrument ID: HP5970BA

Contractor: Accredited Labs Calibration Date: 12/08/99

Contract No: CAAS06

Minimum $\overline{RF}$ for SPCC is 0.1 Maximum % RSD for CCC is 20%

Laboratory ID:	>A5124	>A5123	>A5127	>A5125	>A5126					
Compound	RF 10.00	RF 20.00	RF 50.00	RF 100.00	RF 200.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC	
Acrolein	.01399	.01612	.02086	.02510	.02304	.450	.01982	23.517			(Conc=50.0,100.0,250.0,50
Acrylonitrile	.05924	.05601	.05956	.07140	.06617	.642	.06247	9.931			(Conc=50.0,100.0,250.0,50
Acetone	.05187	.04998	.04534	.05337	.05004	.482	.05012	6.026			
Dichlorodifluoromethane	.25805	.30031	.23094	.31551	.26724	.244	.27441	12.317			
Chloromethane	.24282	.26243	.24015	.30011	.26801	.266	.26270	9.190		**	
Vinyl Chloride	.22380	.24677	.22578	.27360	.24602	.280	.24319	8.287	*		
Bromomethane	.25733	.26464	.21460	.23430	.19908	.320	.23399	11.857			
Chloroethane	.12729	.14391	.09662	.10809	.08642	.337	.11247	20.645			
Trichlorofluoromethane	.67509	.71609	.62955	.69697	.43561	.365	.63066	18.029			
1,1-Dichloroethene	.51119	.52103	.50591	.59205	.54785	.450	.53561	6.619	*		
Carbon disulfide	.31189	.36735	.36467	.44717	.42423	.481	.38306	13.970			
Methylene Chloride	.64052	.52055	.49254	.52358	.47879	.560	.53120	12.040			
trans-1,2-Dichloroethene	.54092	.55715	.55308	.63501	.55714	.608	.56866	6.627			
1,1-Dichloroethane	.69343	.68992	.70939	.81101	.74675	.727	.73010	6.920		**	
Vinyl acetate	.42560	.39950	.45152	.50730	.49494	.752	.45577	9.985			
2,2-Dichloropropane	.41722	.42551	.45692	.46596	.43182	.857	.43949	4.766			
2-Butanone	.11801	.10258	.12035	.14144	.11459	.890	.11939	11.803			
cis-1,2-dichloroethene	.70142	.69732	.70914	.81161	.72661	.868	.72922	6.501			
Chloroform	.95062	.89160	.91250	1.04055	.95531	.945	.95011	6.011	*		
Bromochloromethane	.37301	.39007	.41097	.47532	.43739	.919	.41735	9.669			
1,1,1-Trichloroethane	.64933	.66066	.69300	.77957	.73352	.963	.70322	7.647			
T-butyl alcohol	.02435	.02056	.02375	.02845	.02579	.622	.02458	11.744			(Conc=100.0,200.0,500.0,1
1,2-Dichloroethane-d4	.30485	.31312	.31166	.35781	.31857	.920	.32120	6.551			
1,1-Dichloropropene	.86892	.70317	.55645	.57192	.47427	.875	.63495	24.316			
Carbon Tetrachloride	.38206	.46554	.57370	.60226	.50124	.865	.50496	17.396			
1,2-Dichloroethane	.35203	.35922	.35921	.39945	.35525	.936	.36503	5.335			
Benzene	.91781	.93069	.86499	.96667	.82771	.911	.90157	6.111			
Trichloroethene	.43891	.45615	.45849	.49966	.42627	1.035	.45590	6.095			
1,2-Dichloropropane	.37059	.36448	.37216	.41573	.36183	1.083	.37696	5.859	*		
Bromodichloromethane	.62639	.67761	.67925	.78204	.69503	1.135	.69206	8.171			

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
HSL Compounds

Case No: Instrument ID: HP5970BA

Contractor: Accredited Labs Calibration Date: 12/08/99

Contract No: CAAS06

Minimum $\overline{RF}$ for SPCC is 0.1 Maximum % RSD for CCC is 20%

Laboratory ID:	>A5124	>A5123	>A5127	>A5125	>A5126					
Compound	RF 10.00	RF 20.00	RF 50.00	RF 100.00	RF 200.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC	
Dibromomethane	.32457	.36403	.32302	.36572	.31485	1.103	.33844	7.217			
2-Chloroethylvinylether	.13541	.14885	.15779	.18925	.17103	1.196	.16047	12.885			
cis-1,3-dichloropropene	.52620	.55938	.56564	.63850	.57162	1.215	.57227	7.162			(Conc=9.45,18.9,47.3,94.5
Toluene-d8	.93383	.96255	.94462	1.02102	.86684	1.247	.94577	5.868			
Toluene	1.04024	1.06936	1.02881	1.09041	.94443	1.257	1.03465	5.407	*		
trans-1,3-Dichloropropene	.36428	.39623	.40902	.47536	.42298	1.317	.41358	9.864			(Conc=10.5,21.1,52.8,105.
1,1,2-Trichloroethane	.31282	.31767	.30678	.31968	.25636	1.346	.30266	8.709			
4-Methyl-2-pentanone	.26548	.24603	.25832	.26627	.21588	1.247	.25040	8.359			
1,2-Dibromoethane	.54242	.56131	.54492	.60168	.50441	1.420	.55095	6.389			
Bromofluorobenzene	.70006	.72572	.70195	.72345	.59891	1.708	.69002	7.578			
2-Hexanone	.21670	.19457	.22798	.21185	.18718	.929	.20766	7.997			
1,3-dichloropropane	.69276	.66362	.66421	.75893	.67620	.917	.69115	5.744			
Tetrachloroethene	.57436	.61760	.56259	.62941	.52036	.897	.58087	7.575			
Dibromochloromethane	.63505	.69115	.73157	.85453	.76213	.938	.73488	11.169			
Ethylbenzene	1.64343	1.60701	1.53204	1.59344	1.32252	1.015	1.53969	8.305	*		
Chlorobenzene	1.06726	1.05364	1.03340	1.13025	.98033	1.004	1.05298	5.166		**	
1,1,1,2-Tetrachloroethane	.51510	.53570	.53667	.58716	.49943	1.017	.53481	6.191			
m,p-Xylene	1.34601	1.34149	1.23462	1.30419	1.11332	1.030	1.26793	7.671			(Conc=20.0,40.0,100.0,200
o-Xylene	1.35129	1.33700	1.24682	1.28613	1.09012	1.075	1.26227	8.304			(Conc=20.0,40.0,100.0,200
Styrene	.92663	.94577	.93215	.94478	.78199	1.079	.90626	7.719			(Conc=20.0,40.0,100.0,200
Bromoform	.41570	.48574	.50809	.57924	.53553	1.101	.50486	12.048		**	
Isopropylbenzene	2.84852	2.76842	2.67785	3.10642	2.57548	.877	2.79534	7.210			
1,1,2,2-Tetrachloroethane	1.24544	1.19107	1.14296	1.36269	1.04601	.914	1.19763	9.840		**	
1,2,3-Trichloropropane	.28360	.27485	.26926	.32584	.26766	.917	.28424	8.470			
n-Propyl benzene	3.73828	3.56654	3.26274	3.61277	2.93644	.915	3.42336	9.448			
Bromobenzene	1.94518	1.86818	1.74956	2.02103	1.66787	.905	1.85036	7.733			
1,3,5-Trimethylbenzene	2.42344	2.31677	2.21456	2.46644	2.02451	.933	2.28914	7.748			
2-Chlorotoluene	2.58727	2.48869	2.39182	2.71227	2.27526	.924	2.49106	6.795			
4-Chlorotoluene	2.92319	2.72390	2.53197	2.89018	2.33099	.935	2.68005	9.309			
tert-Butylbenzene	2.44527	2.41807	2.30480	2.64533	2.26759	.961	2.41621	6.133			

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

79

Initial Calibration Data
HSL Compounds

Case No: Instrument ID: HP5970BA

Contractor: Accredited Labs Calibration Date: 12/08/99

Contract No: CAAS06

Minimum $\overline{RF}$ for SPCC is 0.1 Maximum % RSD for CCC is 20%

Laboratory ID:	>A5124	>A5123	>A5127	>A5125	>A5126					
Compound	RF 10.00	RF 20.00	RF 50.00	RF 100.00	RF 200.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
1,2,4-Trimethylbenzene	2.48373	2.37080	2.33854	2.63257	2.23609	.967	2.41234	6.281		
sec-Butylbenzene	3.55663	3.40921	3.25677	3.68481	3.16466	.982	3.41442	6.223		
p-Isopropyltoluene	2.77426	2.72300	2.63196	2.86204	2.39246	.996	2.67674	6.704		
1,3-Dichlorobenzene	1.61076	1.59773	1.52719	1.70023	1.45171	.993	1.57753	5.924		
1,4-Dichlorobenzene	1.67024	1.60115	1.50280	1.76147	1.43051	1.003	1.59323	8.241		
n-Butylbenzene	3.00439	2.92469	2.76728	3.06329	2.51417	1.035	2.85477	7.723		
1,2-Dichlorobenzene	1.55775	1.52721	1.48401	1.60309	1.36510	1.036	1.50743	6.015		
1,2-Dibromo-3-Chloropropane	.20612	.22803	.24144	.32821	.31274	1.113	.26331	20.495		
1,2,4-Trichlorobenzene	1.07365	1.17648	1.07571	1.28870	1.17980	1.187	1.15887	7.692		
Hexachlorobutadiene	.67561	.72996	.67252	.75224	.67357	1.199	.70078	5.373		
Naphthalene	1.84141	2.03871	1.83635	2.36052	2.06925	1.210	2.02925	10.567		
1,2,3-Trichlorobenzene	.95629	1.08442	.91395	1.18582	1.03137	1.233	1.03437	10.373		
Methyl t-butyl ether	.71344	.64342	.60702	.73057	.62548	.282	.66399	8.259		(Conc=100.0,200.0,500.0,1

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

ACCREDITED LABORATORIES, INC.
WATER/SOIL VOLATILE SURROGATE RECOVERY

	ALI Sample No.	Mtx	S1 (DCE-d4)	S2 (TOL-d8)	S3 (BFB)	TOTAL OUT
1	VBLKA15	W	106	100	108	0
2	9912994	W	76	103	92	0
3	9912995	W	104	101	108	0
4	9912996	W	77	103	94	0
5	9912996MS	W	91	100	103	0

EPA CLP QC Limits for:	WATER	SOIL
S1 (DCE-d4) = 1,2-Dichloroethane-d4	(76-114)	(70-121)
S2 (TOL-d8) = Toluene-d8	(88-110)	(81-117)
S3 (BFB) = Bromofluorobenzene	(86-115)	(74-121)

* Values outside of EPA contract laboratory QC limits

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABORATORIES, Contract:

Lab Code: _____ Case No.: SAS No.: _____ SDG No.:

Lab File ID (Standard): >A5127 Date Analyzed: 12/08/99

Instrument ID: HP5970BA Time Analyzed: 16:15

GC Column: RTX-502 ID: 0.53 (mm) Heated Purge: (Y/N) Y

		IS1(DFB) AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3(PFB) AREA #	RT #
	12 HOUR STD	195464	14.16	156379	21.20	151810	12.39
	UPPER LIMIT	390928	14.66	312758	21.70	303620	12.89
	LOWER LIMIT	97732	13.66	78190	20.70	75905	11.89
	LAB SAMPLE NO.						
01	VBLKA15	146467	14.16	125958	21.19	106973	12.39
02	9912994	170972	14.21	136547	21.24	153776	12.43
03	9912995	126767	14.21	110528	21.24	96625	12.43
04	9912996	125282	14.21	102682	21.24	108390	12.43
05	9912996MS	137016	14.16	114473	21.24	114865	12.44
06							
07							
08							
09							
10							
11							
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15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (PFB) = Pentafluorobenzene
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

82

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABORATORIES, Contract:

Lab Code: _____ Case No.: SAS No.: _____ SDG No.:

Lab File ID (Standard): >A5127 Date Analyzed: 12/08/99

Instrument ID: HP5970BA Time Analyzed: 16:15

GC Column: RTX-502 ID: 0.53 (mm) Heated Purge: (Y/N) Y

		IS4(DCB) AREA #	RT #				
	12 HOUR STD	97995	27.01				
	UPPER LIMIT	195990	27.51				
	LOWER LIMIT	48998	26.51				
	LAB SAMPLE NO.						
01	VBLKA15	79631	27.05				
02	9912994	75307	27.05				
03	9912995	54311	27.06				
04	9912996	57297	27.05				
05	9912996MS	68800	27.06				
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (PFB) = Pentafluorobenzene
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

83

ACCREDITED LABORATORIES, INC.
TCLP VOLATILE MATRIX SPIKE RECOVERY

Matrix Spike Sample No.: 9912996

Date Analyzed: 12/08/99

Data File: >A5131

COMPOUND	SPIKE ADDED (mg/l)	SAMPLE CONCENTRATION (mg/l)	MS CONCENTRATION (mg/l)	MS % REC
Benzene	.050	.000	.048	97
2-Butanone	.100	.000	.075	75
Carbon Tetrachloride	.050	.000	.051	102
Chlorobenzene	.050	.000	.047	94
Chloroform	.050	.000	.042	84
1,1-Dichloroethene	.050	.000	.047	94
1,2-Dichloroethane	.050	.000	.045	90
Tetrachloroethene	.050	.000	.049	97
Trichloroethene	.050	.000	.046	92
Vinyl Chloride	.050	.000	.050	100

ACCREDITED LABORATORIES, INC.
TCLP VOLATILES ANALYSIS DATA

CASE NUMBER		MATRIX	Leachate
SAMPLE NUMBER	VBLKA15	DILUTION FACTOR	1
DATA FILE	>A5129	DATE EXTRACTED	
CLIENT NAME		DATE ANALYZED	12/08/99
FIELD ID		ANALYZED BY	ROBERT

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene	U	.005	0.5
78933	2-Butanone	U	.010	200.0
56235	Carbon Tetrachloride	U	.005	0.5
108907	Chlorobenzene	U	.005	100.0
67663	Chloroform	U	.005	6.0
75354	1,1-Dichloroethene	U	.005	0.7
107062	1,2-Dichloroethane	U	.005	0.5
127184	Tetrachloroethene	U	.005	0.7
79016	Trichloroethene	U	.005	0.5
75014	Vinyl Chloride	U	.010	0.2

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	106 %	76 - 114	OK
Toluene-d8	100 %	88 - 110	OK
Bromofluorobenzene	108 %	86 - 115	OK

(U) Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Butanone = Methyl ethyl ketone

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID: >A5129 Lab Sample ID: VBLKA15

Date Analyzed: 12/08/99 Time Analyzed: 17:41

GC Column: RTX-502 ID: 0.53(mm) Heated Purge: (Y/N) Y

Instrument ID: HP5970A

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01		9912994	>A5132	19:43
02		9912995	>A5134	21:04
03		9912996	>A5133	20:23
04		9912996MS	>A5131	19:02
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
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26				
27				
28				
29				
30				

COMMENTS:

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABORATORIES, INC. Contract: _____

Lab File ID: >F9810 DFTPP Injection Date: 12/09/99

Instrument ID: HP5970BF DFTPP Injection Time: 10:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	43.4
68	Less than 2.0% of mass 69	0.0(0.0)1
69	Mass 69 relative abundance	55.5
70	Less than 2.0% of mass 69	.3(.5)1
127	40.0 - 60.0% of mass 198	43.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% Relative abundance	100.
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.9
365	Greater than 1.00% of mass 198	2.34
441	Present, but less than mass 443	0.0
442	Greater than 40.0% of mass 198	70.8
443	17.0 - 23.0% of mass 442	13.8(19.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050	>F9811	12/09/99	11:05
02		SSTD160	>F9812	12/09/99	11:50
03		SSTD020	>F9813	12/09/99	12:36
04		SSTD080	>F9814	12/09/99	13:22
05		SSTD120	>F9815	12/09/99	14:08
06		SBLK98	>F9816	12/09/99	15:06
07		SBLK99	>F9817	12/09/99	15:51
08		SBLK99MS	>F9818	12/09/99	16:36
09		SBLK98MS	>F9819	12/09/99	17:21
10		SBLK98MSD	>F9820	12/09/99	18:06
11		9913211MS	>F9821	12/09/99	18:52
12		9912994	>F9822	12/09/99	19:37
13		9912996	>F9823	12/09/99	20:22
14		9913211	>F9824	12/09/99	21:07
15		9913208	>F9825	12/09/99	21:52
16		9912995	>F9826	12/09/99	22:37
17		9913085	>F9827	12/09/99	23:22
18		9913085DL	>F9828	12/10/99	00:08
19					
20					
21					
22					

87

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABORATORIES, INC. Contract: _____

Lab File ID: >F9828 DFTPP Injection Date: 12/10/99

Instrument ID: HP5970BF DFTPP Injection Time: 10:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	48.3
68	Less than 2.0% of mass 69	0.0(0.0)1
69	Mass 69 relative abundance	56.5
70	Less than 2.0% of mass 69	.4(.7)1
127	40.0 - 60.0% of mass 198	43.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% Relative abundance	100.
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	19.5
365	Greater than 1.00% of mass 198	1.90
441	Present, but less than mass 443	8.5
442	Greater than 40.0% of mass 198	52.2
443	17.0 - 23.0% of mass 442	9.6(18.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050	>F9829	12/10/99	11:08
02		9913208	>F9830	12/10/99	11:53
03		9913206	>F9831	12/10/99	12:39
04		9912995DL	>F9832	12/10/99	13:25
05		SBLK03	>F9833	12/10/99	14:14
06		SBLK02	>F9834	12/10/99	14:59
07		9913343	>F9835	12/10/99	15:45
08		9913344	>F9836	12/10/99	16:30
09		9913348	>F9837	12/10/99	17:16
10		9913354	>F9838	12/10/99	18:01
11		9913356	>F9839	12/10/99	18:47
12		9913357	>F9840	12/10/99	19:32
13		9913358	>F9841	12/10/99	20:17
14		9913359	>F9842	12/10/99	21:03
15		9913360	>F9843	12/10/99	21:48
16		9913361	>F9844	12/10/99	22:33
17					
18					
19					
20					
21					
22					

88

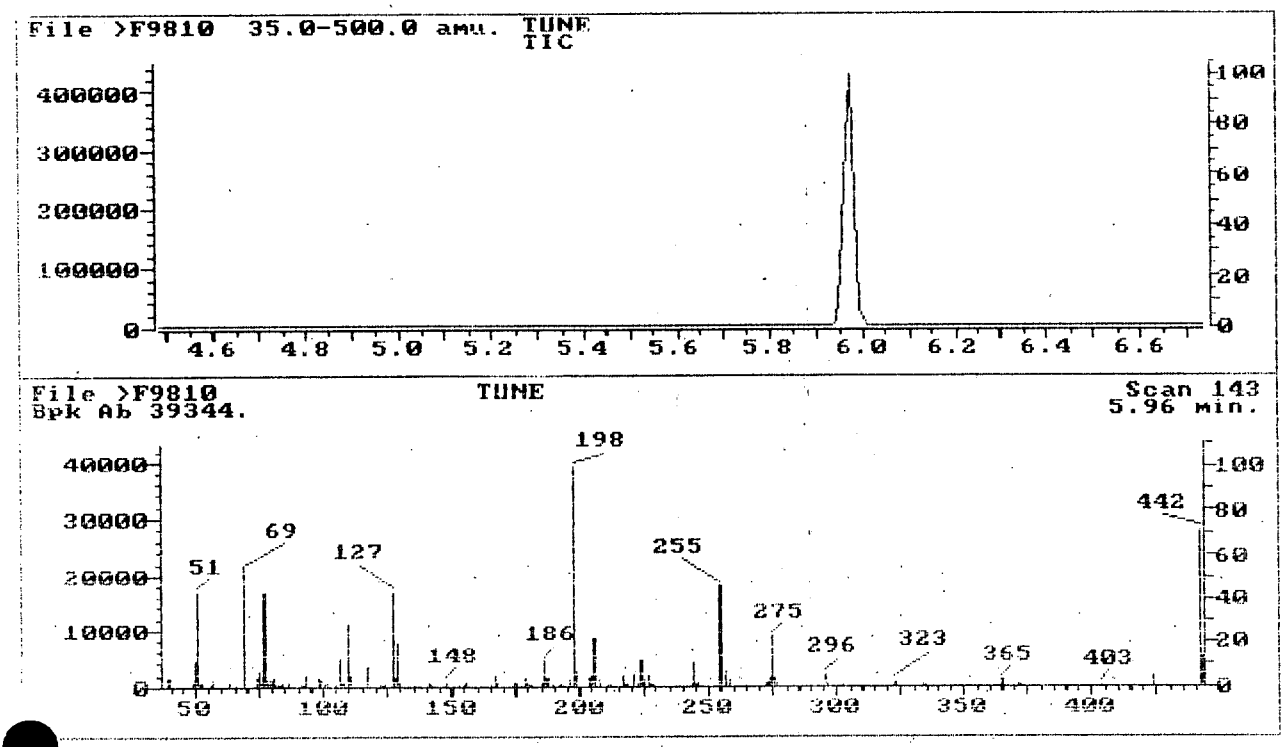
FORM V SV

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	43.39	43.39	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	53.54	53.54	Ok
70	Less than 2% of mass 69	.26	.48	Ok
127	40-60% of mass 198	43.19	43.19	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.74	6.74	Ok
275	10-30% of mass 198	21.93	21.93	Ok
365	Greater than 1% of mass 198	2.34	2.34	Ok
441	Less than mass 443	0.00	0.00	Ok
442	Greater than 40% of mass 198	70.80	70.80	Ok
443	17-23% of mass 442	13.76	19.43	Ok

Injection Date: 12/09/99
Injection Time: 10:49
Data File: >F9810
Scan: 143



File: >F9810 Scan #: 143 Retn. time: 5.96

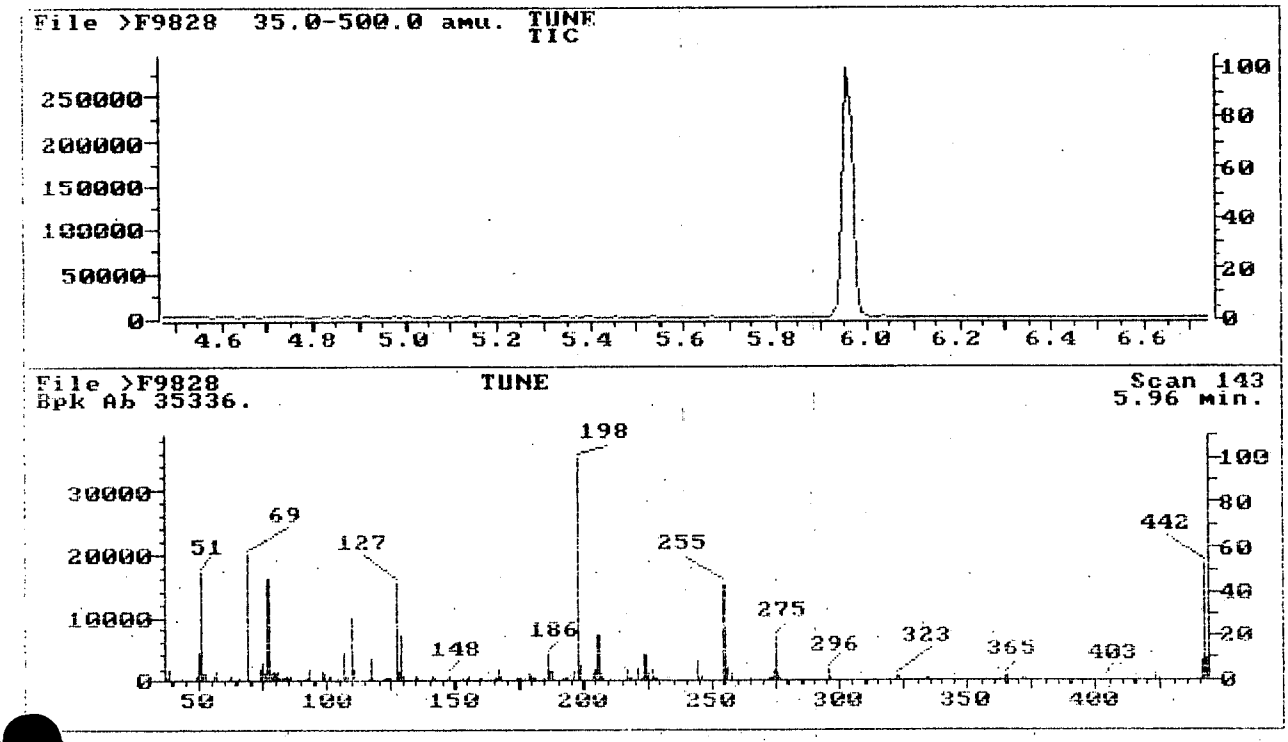
m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
36.80	91.0	99.00	1086.0	155.00	502.0	204.95	1916.0	274.05	1481.0
38.00	245.0	99.90	95.0	156.00	623.0	206.05	8237.0	275.05	8627.0
39.10	1455.0	101.00	659.0	157.00	451.0	207.05	1097.0	276.05	1242.0
40.00	94.0	103.10	186.0	158.00	142.0	207.95	265.0	276.95	727.0
44.05	242.0	104.00	398.0	159.00	130.0	209.05	92.0	283.05	72.0
47.05	210.0	105.00	386.0	160.00	234.0	210.95	337.0	284.95	130.0
49.05	904.0	106.00	162.0	161.00	343.0	215.05	118.0	293.00	135.0
50.05	4309.0	106.95	4903.0	165.00	305.0	216.05	154.0	296.00	2244.0
51.05	17072.1	108.05	728.0	166.00	246.0	216.95	2226.0	297.00	301.0
52.05	878.0	109.95	10982.0	167.00	1610.0	217.95	297.0	302.95	255.0
55.05	82.0	110.95	1581.0	168.00	680.0	221.00	2335.0	314.05	151.0
56.05	546.0	112.05	197.0	169.10	154.0	223.00	522.0	315.05	234.0
57.05	1199.0	116.05	231.0	171.00	104.0	224.00	4529.0	316.05	182.0
61.00	201.0	117.05	3362.0	171.95	145.0	225.00	1215.0	320.90	76.0
62.00	240.0	118.05	308.0	172.95	200.0	226.00	111.0	323.10	774.0
63.00	687.0	119.95	53.0	173.95	413.0	227.00	1889.0	324.00	166.0
64.00	82.0	122.05	283.0	175.05	616.0	228.00	264.0	326.90	122.0
65.00	278.0	123.00	536.0	176.05	228.0	229.00	395.0	328.00	87.0
69.00	21064.1	124.00	280.0	176.95	329.0	231.00	184.0	333.00	74.0
70.00	101.0	125.00	223.0	178.05	120.0	234.00	123.0	334.05	423.0
73.10	143.0	127.00	16992.0	178.95	1271.0	235.00	140.0	335.05	123.0
74.05	1436.0	128.00	1352.0	179.95	848.0	236.00	64.0	341.05	77.0
74.95	2703.0	129.00	7668.0	180.95	361.0	236.95	142.0	346.05	170.0
76.05	870.0	130.00	644.0	184.15	109.0	239.95	61.0	352.00	246.0
77.05	16888.0	131.00	118.0	185.05	652.0	240.95	100.0	353.00	166.0
78.05	1131.0	134.00	214.0	186.05	4683.0	241.95	222.0	354.00	231.0
79.05	1039.0	135.00	563.0	187.05	1364.0	243.05	259.0	365.00	921.0
80.05	931.0	136.00	177.0	188.00	112.0	244.05	4040.0	366.00	147.0
81.05	1324.0	137.10	216.0	189.00	266.0	245.05	555.0	372.05	427.0
82.05	300.0	139.85	72.0	191.00	144.0	245.95	749.0	373.05	118.0
83.05	289.0	140.95	787.0	192.00	413.0	246.95	106.0	383.00	95.0
84.05	728.0	142.05	295.0	193.00	407.0	249.05	147.0	390.10	65.0
85.05	245.0	142.95	225.0	194.00	122.0	252.90	77.0	402.05	163.0
86.05	679.0	146.05	141.0	195.10	102.0	255.00	17904.1	402.95	252.0
86.95	137.0	147.05	440.0	196.00	1137.0	256.00	2754.0	403.95	96.0
88.05	131.0	147.95	887.0	198.00	39344.1	257.00	186.0	421.00	249.0
91.00	309.0	149.05	182.0	199.00	2651.0	258.00	1004.0	423.10	1587.0
92.00	327.0	151.15	119.0	200.10	166.0	259.00	177.0	424.00	286.0
93.00	1867.0	151.75	68.0	201.50	218.0	265.00	402.0	442.05	27856.1
94.00	119.0	153.05	290.0	203.00	230.0	266.00	69.0	443.05	5413.0
98.00	1283.0	154.05	212.0	204.05	1238.0	273.05	593.0	444.05	495.0

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	48.29	48.29	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	56.46	56.46	Ok
70	Less than 2% of mass 69	.38	.68	Ok
127	40-60% of mass 198	43.66	43.66	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.76	6.76	Ok
275	10-30% of mass 198	19.46	19.46	Ok
365	Greater than 1% of mass 198	1.90	1.90	Ok
441	Less than mass 443	8.82	91.81	Ok
442	Greater than 40% of mass 198	52.16	52.16	Ok
443	17-23% of mass 442	9.61	18.42	Ok

Injection Date: 12/10/99
Injection Time: 10:52
Data File: >F9828
Scan: 143



File: >F9828 Scan #: 143 Retn. time: 5.96

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
37.00	92.0	94.00	153.0	151.45	65.0	203.10	203.0	271.95	51.0
38.00	230.0	98.00	1257.0	153.05	283.0	204.05	1072.0	272.95	488.0
39.10	1532.0	99.00	1111.0	153.95	203.0	205.05	1736.0	274.05	1190.0
40.00	114.0	100.00	101.0	155.00	424.0	206.05	7315.0	275.05	6876.0
43.95	242.0	101.00	661.0	156.00	645.0	207.05	933.0	276.05	909.0
46.95	180.0	103.00	176.0	157.00	150.0	207.95	262.0	276.95	514.0
48.05	96.0	104.00	427.0	158.00	126.0	210.95	292.0	283.05	86.0
49.05	745.0	105.10	400.0	158.90	123.0	211.75	90.0	285.10	80.0
50.05	4546.0	106.95	4473.0	160.00	244.0	214.95	71.0	296.00	1679.0
51.05	17064.0	107.95	706.0	161.00	392.0	216.05	153.0	297.00	240.0
52.05	903.0	109.95	10195.0	165.00	268.0	216.95	1907.0	302.95	178.0
55.95	524.0	110.95	1441.0	166.00	248.0	217.95	271.0	303.95	66.0
57.05	1230.0	111.95	160.0	167.00	1437.0	221.00	2032.0	315.05	183.0
61.00	192.0	112.95	65.0	168.00	665.0	223.00	442.0	316.05	100.0
62.00	246.0	116.05	271.0	169.00	107.0	224.00	3817.0	323.00	564.0
63.00	716.0	116.95	3200.0	171.95	154.0	225.00	1032.0	324.10	131.0
64.00	100.0	118.05	246.0	172.95	173.0	227.00	1683.0	327.00	105.0
65.10	327.0	122.05	275.0	174.05	321.0	228.00	258.0	333.95	333.0
69.00	19952.1	123.00	452.0	175.05	496.0	229.00	337.0	345.95	108.0
70.00	136.0	124.00	230.0	175.95	168.0	231.00	132.0	352.00	180.0
73.10	127.0	125.00	234.0	177.05	268.0	235.10	97.0	353.00	87.0
74.05	1564.0	127.00	15426.0	177.95	118.0	236.00	74.0	354.10	223.0
74.95	2612.0	128.00	1193.0	178.95	1086.0	237.05	101.0	365.00	670.0
76.05	931.0	129.00	7053.0	180.05	679.0	239.95	46.0	366.00	118.0
77.05	16052.0	130.00	594.0	181.05	407.0	241.05	81.0	372.05	270.0
78.05	1021.0	134.00	196.0	185.05	514.0	242.05	196.0	373.05	74.0
79.05	1170.0	135.00	543.0	186.05	4042.0	243.05	202.0	383.00	85.0
80.05	835.0	136.00	246.0	187.05	1209.0	244.05	3177.0	401.95	94.0
81.05	1177.0	137.10	238.0	188.00	129.0	245.05	425.0	403.05	170.0
82.05	315.0	139.85	50.0	188.90	209.0	245.95	615.0	421.10	139.0
83.05	272.0	140.95	767.0	191.00	119.0	247.05	101.0	422.10	138.0
84.05	556.0	142.05	226.0	192.00	327.0	248.95	105.0	423.00	942.0
85.05	225.0	142.95	188.0	193.00	347.0	253.00	89.0	424.10	243.0
85.95	653.0	145.95	145.0	194.10	65.0	255.00	15250.0	441.05	2995.0
87.05	144.0	147.05	432.0	196.00	1127.0	256.00	2114.0	441.35	3118.0
88.05	117.0	148.05	801.0	198.00	35336.1	257.00	158.0	442.05	18432.1
91.00	245.0	149.05	176.0	199.00	2389.0	258.00	845.0	443.05	3396.0
92.00	247.0	150.05	48.0	200.00	183.0	259.00	114.0	444.05	394.0
93.00	1848.0	151.05	74.0	201.60	163.0	265.00	322.0		

HSL Compounds

Case No: Instrument ID: HP5890BF

Contractor: Accredited Labs Calibration Date: 12/09/99

Contract No: CALF01

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % RSD for CCC is 30%

Laboratory ID:	>F9813	>F9811	>F9814	>F9815	>F9812					
	RF	RF	RF	RF	RF					
Compound	20.00	50.00	80.00	120.00	160.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
Pyridine	.82324	1.01702	.89126	1.25645	1.21490	.385	1.04057	18.428		
N-Nitrosodimethylamine	.91877	.90265	.90010	.93984	.85482	.392	.90324	3.473		
2-Fluorophenol	1.36589	1.44071	1.40134	1.46603	1.33169	.714	1.40113	3.884		
Aniline	2.48556	2.29125	2.41084	2.46713	2.44925	.939	2.42081	3.202		
Phenol-d5	2.12479	2.06373	2.12612	2.10704	2.05259	.946	2.09485	1.650		
Phenol	2.04731	1.93703	2.20556	1.99888	1.81012	.949	1.99978	7.268	*	
bis(-2-Chloroethyl)Ether	1.63138	1.45039	1.41889	1.22793	1.21899	.958	1.38952	12.374		
2-Chlorophenol	1.54707	1.44621	1.47035	1.38730	1.33443	.961	1.43707	5.643		
1,3-Dichlorobenzene	1.51617	1.38256	1.36209	1.23940	1.18132	.990	1.33631	9.798		
1,4-Dichlorobenzene	1.54972	1.40964	1.37362	1.24634	1.18541	1.004	1.35294	10.569	*	
Benzyl Alcohol	.98116	.93947	.98963	1.06897	.98506	1.052	.99286	4.738		
1,2-Dichlorobenzene	1.44868	1.23940	1.21676	1.17456	1.11005	1.049	1.23789	10.316		
2-Methylphenol	1.57250	1.45281	1.41890	1.37693	1.25353	1.086	1.41493	8.195		
bis(2-Chloroisopropyl)ether	2.38585	2.21019	2.28123	2.23667	2.19951	1.086	2.26269	3.347		
3&4-Methylphenol	1.66049	1.52836	1.39754	1.49613	1.45090	1.124	1.50668	6.575		
N-Nitroso-Di-n-propylamine	1.35952	1.21398	1.36341	1.34660	1.29121	1.126	1.31494	4.824		**
Hexachloroethane	.56396	.54168	.55852	.53371	.50623	1.120	.54082	4.233		
Nitrobenzene-d5	.46012	.44410	.46331	.47523	.46164	.874	.46088	2.412		
Nitrobenzene	.48300	.46954	.47268	.46522	.43450	.878	.46499	3.927		
Isophorone	1.01563	.94661	1.00568	1.04550	1.03327	.925	1.00934	3.795		
2-Nitrophenol	.23665	.24103	.24098	.23663	.23519	.937	.23809	1.143	*	
2,4-Dimethylphenol	.37353	.34690	.33911	.33962	.33048	.954	.34593	4.767		
Benzoic Acid	.19689	.24325	.21515	.23227	.19953	.996	.21742	9.297		
bis(-2-Chloroethoxy)Methane	.54026	.51272	.51729	.51275	.47473	.970	.51155	4.601		
2,4-Dichlorophenol	.33178	.31827	.30808	.29765	.29049	.982	.30925	5.306	*	
1,2,4-Trichlorobenzene	.31948	.29937	.28761	.27347	.25957	.994	.28790	8.033		
Naphthalene	1.12315	1.04952	1.01177	.89561	.86872	1.004	.98975	10.760		
4-Chloroaniline	.51160	.45873	.42902	.40203	.41347	1.025	.44297	9.904		
Hexachlorobutadiene	.15686	.14493	.13836	.13438	.12700	1.040	.14030	8.060	*	
4-Chloro-3-methylphenol	.44970	.42373	.41006	.43164	.41908	1.121	.42684	3.509	*	

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

HSL Compounds

Case No: Instrument ID: HP5890BF

Contractor: Accredited Labs Calibration Date: 12/09/99

Contract No: CALF01

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % RSD for CCC is 30%

Laboratory ID:	>F9813	>F9811	>F9814	>F9815	>F9812					
	RF	RF	RF	RF	RF					
Compound	20.00	50.00	80.00	120.00	160.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
2-Methylnaphthalene	.79778	.69728	.65666	.66812	.63727	1.135	.69142	9.156		
Hexachlorocyclopentadiene	.21198	.25686	.24844	.23955	.22431	.882	.23623	7.677		**
2,4,6-Trichlorophenol	.40352	.38689	.36956	.34610	.31569	.897	.36435	9.478	*	
2,4,5-Trichlorophenol	.44263	.43154	.41016	.38674	.34932	.902	.40408	9.240		
2-Chloronaphthalene	1.19790	1.09525	1.05802	.95145	.88938	.919	1.03840	11.679		
2-Fluorobiphenyl	1.30342	1.15628	1.07346	1.04130	.93485	.908	1.10186	12.506		
2-Nitroaniline	.56991	.55430	.58175	.57897	.59088	.943	.57516	2.409		
Dimethyl Phthalate	1.60101	1.43315	1.45345	1.26893	1.13905	.976	1.37912	12.943		
Acenaphthylene	2.08788	1.83931	1.73052	1.55203	1.36874	.978	1.71570	15.994		
3-Nitroaniline	.42434	.43064	.43501	.37161	.34016	1.004	.40035	10.555		
Acenaphthene	1.31932	1.14826	1.04349	.93557	.84718	1.006	1.05876	17.421	*	
2,4-Dinitrophenol	.18035	.22918	.26247	.27695	.27070	1.018	.24393	16.412		**
4-Nitrophenol	.26914	.26498	.29173	.29274	.27316	1.032	.27835	4.672		**
Dibenzofuran	1.82839	1.64945	1.54655	1.45204	1.34371	1.028	1.56403	11.900		
2,6-Dinitrotoluene	.37999	.37731	.37897	.36036	.33157	.985	.36564	5.652		
2,4-Dinitrotoluene	.57284	.56889	.58682	.55676	.54369	1.040	.56580	2.892		
Diethylphthalate	1.69272	1.46443	1.32254	1.03839	.82835	1.076	1.26929	26.947		
4-Chlorophenyl-phenylether	.61121	.55924	.51293	.42911	.37622	1.079	.49774	19.156		
Fluorene	1.41340	1.14000	1.01242	.79797	.72787	1.077	1.01833	27.065		
4-Nitroaniline	.48464	.47310	.51307	.47702	.42626	1.095	.47482	6.598		
2,4,6-Tribromophenol	.19915	.20170	.20011	.18168	.17870	1.114	.19227	5.780		
4,6-Dinitro-2-methylphenol	.17057	.18737	.17709	.12488	.11369	.909	.15472	21.414		
N-Nitrosodiphenylamine	.58022	.49839	.43468	.37190	.28834	.910	.43470	25.873	*	
Azobenzene	1.07079	1.07841	1.01991	.86388	.81539	.912	.96968	12.585		
4-Bromophenyl-phenylether	.18784	.17789	.16638	.15583	.14899	.949	.16739	9.454		
Hexachlorobenzene	.20790	.19575	.18823	.17748	.16950	.965	.18777	8.027		
Pentachlorophenol	.15675	.15244	.14889	.14657	.14328	.988	.14959	3.488	*	
Phenanthrene	1.15378	1.07779	.99099	.90592	.87094	1.003	.99988	11.758		
Anthracene	1.17555	1.04908	1.00523	.88593	.87352	1.008	.99786	12.501		
Di-n-Butylphthalate	1.75852	1.60279	1.52088	1.24422	1.13055	1.080	1.45139	17.832		

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

HSL Compounds

Case No: _____ Instrument ID: HP5890BF

Contractor: Accredited Labs Calibration Date: 12/09/99

Contract No: CALF01

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % RSD for CCC is 30%

Laboratory ID:	>F9813	>F9811	>F9814	>F9815	>F9812					
	RF	RF	RF	RF	RF					
Compound	20.00	50.00	80.00	120.00	160.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
Fluoranthene	1.30358	1.16886	1.10291	1.01149	.94369	1.143	1.10611	12.647	*	
Benzidine	.57933	.42585	.57428	.65009	.66181	.886	.57827	16.265		
Pyrene	1.45645	1.37678	1.40197	1.61979	1.56186	.891	1.48337	7.029		
Terphenyl-d14	.82210	.78501	.80028	.94116	.88898	.907	.84750	7.754		
Butylbenzylphthalate	.90414	.87086	.93890	1.04253	1.03741	.956	.95877	8.131		
3,3'-Dichlorobenzidine	.35241	.30504	.38788	.42981	.46022	1.000	.38707	15.878		
Benzo(a)Anthracene	1.30782	1.22738	1.32334	1.49082	1.50082	.998	1.37004	8.796		
Bis(2-Ethylhexyl)Phthalate	1.31161	1.19932	1.28521	1.37453	1.38412	1.009	1.31096	5.724		
Chrysene	1.24857	1.21588	1.32889	1.39782	1.35512	1.003	1.30926	5.758		
Di-n-octyl phthalate	2.16076	1.96277	1.81710	1.73528	1.57973	.947	1.85113	11.975	*	
Benzo(b)fluoranthene	1.44832	1.51754	1.34713	1.25589	1.16439	.974	1.34666	10.567		
Benzo(k)Fluoranthene	1.14143	.96160	1.11144	.94063	.92962	.976	1.01694	9.948		
Benzo(a)Pyrene	1.24376	1.20941	1.20292	1.12017	1.08849	.996	1.17295	5.584	*	
Indeno(1,2,3-cd)Pyrene	1.46138	1.33924	1.31373	1.11950	1.01558	1.069	1.24989	14.351		
Dibenzo(a,h)Anthracene	1.18291	1.05794	1.01534	.91542	.83985	1.070	1.00229	13.182		
Benzo(g,h,i)Perylene	1.27274	1.18945	1.18004	.99588	.92464	1.087	1.11255	13.107		

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

HSL Compounds

Case No: Calibration Date: 12/10/99

Contractor: Accredited Labs Time: 11:08

Contract No: CALF01 Laboratory ID: >F9829

Instrument ID: HP5890BF Initial Calibration Date: 12/09/99

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC
Pyridine	1.04057	.90453	13.07		
N-Nitrosodimethylamine	.90324	.88415	2.11		
2-Fluorophenol	1.40113	1.40682	.41		
Aniline	2.42081	2.30458	4.80		
Phenol-d5	2.09485	2.02984	3.10		
Phenol	1.99978	1.90017	4.98	*	
bis(-2-Chloroethyl)Ether	1.38952	1.47069	5.84		
2-Chlorophenol	1.43707	1.43505	.14		
1,3-Dichlorobenzene	1.33631	1.38893	3.94		
1,4-Dichlorobenzene	1.35294	1.43816	6.30	*	
Benzyl Alcohol	.99286	.89202	10.16		
1,2-Dichlorobenzene	1.23789	1.26323	2.05		
2-Methylphenol	1.41493	1.45402	2.76		
bis(2-Chloroisopropyl)ether	2.26269	2.19764	2.87		
3&4-Methylphenol	1.50668	1.54733	2.70		
N-Nitroso-Di-n-propylamine	1.31494	1.19874	8.84		**
Hexachloroethane	.54082	.53270	1.50		
Nitrobenzene-d5	.46088	.43466	5.69		
Nitrobenzene	.46499	.44753	3.75		
Isophorone	1.00934	.93140	7.72		
2-Nitrophenol	.23809	.23883	.31	*	
2,4-Dimethylphenol	.34593	.34684	.26		
Benzoic Acid	.21742	.24778	13.97		
bis(-2-Chloroethoxy)Methane	.51155	.49976	2.30		
2,4-Dichlorophenol	.30925	.31520	1.92	*	
1,2,4-Trichlorobenzene	.28790	.30192	4.87		
Naphthalene	.98975	1.06639	7.74		
4-Chloroaniline	.44297	.46298	4.52		
Hexachlorobutadiene	.14030	.15409	9.82	*	
4-Chloro-3-methylphenol	.42684	.41841	1.98	*	
2-Methylnaphthalene	.69142	.71184	2.95		
Hexachlorocyclopentadiene	.23623	.24014	1.66		**

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

96

Case No: Calibration Date: 12/10/99

Contractor: Accredited Labs Time: 11:08

Contract No: CALF01 Laboratory ID: >F9829

Instrument ID: HP5890BF Initial Calibration Date: 12/09/99

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC
2,4,6-Trichlorophenol	.36435	.38288	5.09	*	
2,4,5-Trichlorophenol	.40408	.42674	5.61		
2-Chloronaphthalene	1.03840	1.11247	7.13		
2-Fluorobiphenyl	1.10186	1.18436	7.49		
2-Nitroaniline	.57516	.55896	2.82		
Dimethyl Phthalate	1.37912	1.44929	5.09		
Acenaphthylene	1.71570	1.89370	10.37		
3-Nitroaniline	.40035	.44910	12.18		
Acenaphthene	1.05876	1.19357	12.73	*	
2,4-Dinitrophenol	.24393	.21990	9.85		**
4-Nitrophenol	.27835	.26217	5.81		**
Dibenzofuran	1.56403	1.65516	5.83		
2,6-Dinitrotoluene	.36564	.35602	2.63		
2,4-Dinitrotoluene	.56580	.56674	.17		
Diethylphthalate	1.26929	1.54866	22.01		
4-Chlorophenyl-phenylether	.49774	.56746	14.01		
Fluorene	1.01833	1.21689	19.50		
4-Nitroaniline	.47482	.49988	5.28		
2,4,6-Tribromophenol	.19227	.19331	.54		
4,6-Dinitro-2-methylphenol	.15472	.17468	12.90		
N-Nitrosodiphenylamine	.43470	.49900	14.79	*	
Azobenzene	.96968	1.06097	9.42		
4-Bromophenyl-phenylether	.16739	.17315	3.44		
Hexachlorobenzene	.18777	.19187	2.18		
Pentachlorophenol	.14959	.14444	3.44	*	
Phenanthrene	.99988	1.05855	5.87		
Anthracene	.99786	1.07096	7.33		
Di-n-Butylphthalate	1.45139	1.65724	14.18		
Fluoranthene	1.10611	1.16879	5.67	*	
Benzidine	.57827	.52661	8.93		
Pyrene	1.48337	1.41098	4.88		
Terphenyl-d14	.84750	.81821	3.46		

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

90

HSL Compounds

Case No: Calibration Date: 12/10/99

Contractor: Accredited Labs Time: 11:08

Contract No: CALF01 Laboratory ID: >F9829

Instrument ID: HP5890BF Initial Calibration Date: 12/09/99

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC
Butylbenzylphthalate	.95877	.89706	6.44		
3,3'-Dichlorobenzidine	.38707	.39303	1.54		
Benzo(a)Anthracene	1.37004	1.26216	7.87		
Bis(2-Ethylhexyl)Phthalate	1.31096	1.25904	3.96		
Chrysene	1.30926	1.23805	5.44		
Di-n-octyl phthalate	1.85113	2.09434	13.14	*	
Benzo(b)fluoranthene	1.34666	1.52704	13.39		
Benzo(k)Fluoranthene	1.01694	.95488	6.10		
Benzo(a)Pyrene	1.17295	1.20008	2.31	*	
Indeno(1,2,3-cd)Pyrene	1.24989	1.31325	5.07		
Dibenzo(a,h)Anthracene	1.00229	1.09910	9.66		
Benzo(g,h,i)Perylene	1.11255	1.16385	4.61		

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

2C

WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

	LAB SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	TOT OUT
01	SBLK99	69	71	77	56	54	68	0
02	9912994	64	66	78	54	50	75	0
03	9912995	117*	163*	60	74	74	47	2
04	9912995DL	78	127*	97	78	82	7*	2
05	9912996	70	72	79	58	55	77	0
06	9913211MS	70	71	71	54	54	68	0
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		QC LIMITS
S1 (NBZ)	= Nitrobenzene-d5	(35-114)
S2 (FBP)	= 2-Fluorobiphenyl	(43-116)
S3 (TPH)	= Terphenyl-d14	(33-141)
S4 (PHL)	= Phenol-d5	(10- 94)
S5 (2FP)	= 2-Fluorophenol	(21-100)
S6 (TBP)	= 2,4,6-Tribromophenol	(10-123)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

99

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 1 SAS No.: SDG No.:

Lab File ID (Standard): >F9811 Date Analyzed: 12/09/99

Instrument ID: HP5970B F Time Analyzed: 11:05

	IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(ANT) AREA	#	RT	#
12 HOUR STD	43248		10.29		175180		13.49		109607		18.02	
UPPER LIMIT	86496		10.79		350360		13.99		219214		18.52	
LOWER LIMIT	21624		9.79		87590		12.99		54804		17.52	
LAB SAMPLE NO.												
01 SBLK99	37329		10.31		152687		13.49		95621		18.01	
02 9912994	36391		10.29		148379		13.48		94899		18.01	
03 9912995	35171		10.34		98934		13.57		20586	*	18.17	
04 9912996	36310		10.31		147666		13.49		92416		18.01	
05 9913211MS	40132		10.31		161793		13.49		102301		18.01	
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

100

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 1 SAS No.: SDG No.:

Lab File ID (Standard): >F9811 Date Analyzed: 12/09/99

Instrument ID: HP5970B F Time Analyzed: 11:05

	IS4(PHN)		IS5(CRY)		IS6(PRY)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	198844	21.75	179318	28.57	188202	31.97
UPPER LIMIT	397688	22.25	358636	29.07	376404	32.47
LOWER LIMIT	99422	21.25	89659	28.07	94101	31.47
LAB SAMPLE NO.						
01 SBLK99	175009	21.76	175898	28.55	170070	31.95
02 9912994	173996	21.76	169968	28.56	171462	31.96
03 9912995	68109*	21.96	184605	28.60	184258	31.97
04 9912996	173944	21.76	171276	28.55	167692	31.95
05 9913211MS	193322	21.76	187543	28.55	186570	31.96
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19						
20						
21						
22						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

101

AB

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6481 1 SAS No.: SDG No.:

Lab File ID (Standard): >F9829 Date Analyzed: 12/10/99

Instrument ID: HP5970B F Time Analyzed: 11:08

	IS1(DCB)		IS2(NPT)		IS3(ANT)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	33445	10.27	134215	13.47	83715	18.00
UPPER LIMIT	66890	10.77	268430	13.97	167430	18.50
LOWER LIMIT	16723	9.77	67108	12.97	41858	17.50
LAB SAMPLE NO.						
01 9912995DL	34602	10.28	145629	13.49	74982	18.02
02						
03						
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

102

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6481 1 SAS No.: SDG No.:

Lab File ID (Standard): >F9829 Date Analyzed: 12/10/99

Instrument ID: HP5970B F Time Analyzed: 11:08

	IS4(PHN) AREA	#	RT	#	IS5(CRY) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
12 HOUR STD	156736		21.73		137364		28.55		137199		31.95	
UPPER LIMIT	313472		22.23		274728		29.05		274398		32.45	
LOWER LIMIT	78368		21.23		68682		28.05		68600		31.45	
LAB SAMPLE NO.												
01 9912995DL	157748		21.76		154138		28.55		139753		31.93	
02												
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IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

103

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILE MATRIX SPIKE RECOVERY

Matrix Spike Sample No.: 9913211

Date Extracted: 12/08/99

Data File: >F9821

COMPOUND	SPIKE ADDED (mg/l)	SAMPLE CONCENTRATION (mg/l)	MS CONCENTRATION (mg/l)	MS % REC
Pyridine	.100	.000	.057	57
1,4-Dichlorobenzene	.100	.000	.072	72
2-Methylphenol	.100	.000	.071	71
3&4-Methylphenol	.200	.000	.130	65
Hexachloroethane	.100	.000	.067	67
Nitrobenzene	.100	.000	.075	75
Hexachlorobutadiene	.100	.000	.065	65
2,4,6-Trichlorophenol	.100	.000	.069	69
2,4,5-Trichlorophenol	.100	.000	.069	69
2,4-Dinitrotoluene	.100	.000	.074	74
Hexachlorobenzene	.100	.000	.087	87
Pentachlorophenol	.100	.000	.085	85

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILES ANALYSIS DATA

CASE NUMBER		MATRIX	Leachate
SAMPLE NUMBER	SBLK99	DILUTION FACTOR	10
DATA FILE	>F9817	DATE EXTRACTED	12/08/99
CLIENT NAME		DATE ANALYZED	12/09/99
FIELD ID		ANALYZED BY	DANIEL

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
110861	Pyridine	U	.10	5.0
106467	1,4-Dichlorobenzene	U	.10	7.5
95478	2-Methylphenol	U	.10	200.0
108394	3&4-Methylphenol	U	.10	200.0
67721	Hexachloroethane	U	.10	3.0
989103	Nitrobenzene	U	.10	2.0
87683	Hexachlorobutadiene	U	.10	0.5
88062	2,4,6-Trichlorophenol	U	.10	2.0
9109104	2,4,5-Trichlorophenol	U	.50	400.0
121142	2,4-Dinitrotoluene	U	.10	0.13
118741	Hexachlorobenzene	U	.10	0.13
878610	Pentachlorophenol	U	.10	100.0

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
2-Fluorophenol	54 %	21 - 100	OK
Phenol-d5	56 %	10 - 94	OK
Nitrobenzene-d5	69 %	35 - 114	OK
2-Fluorobiphenyl	71 %	43 - 116	OK
2,4,6-Tribromophenol	68 %	10 - 123	OK
Terphenyl-d14	77 %	33 - 141	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Methylphenol = o-cresol
* 3-Methylphenol = m-cresol
* 4-Methylphenol = p-cresol

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK99

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 1 SAS No.: SDG No.:

Lab File ID: >F9817 Lab Sample ID: SBLK99

Instrument ID: HP5970B F Date Extracted: 12/08/99

Matrix: (soil/water) WATER Date Analyzed: 12/09/99

Level: (low/med) LOW Time Analyzed: 15:51

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01		9912994	>F9822	12/09/99
02		9912995	>F9826	12/09/99
03		9912995DL	>F9832	12/10/99
04		9912996	>F9823	12/09/99
05		9913211MS	>F9821	12/09/99
06				
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COMMENTS:

106

Initial Calibration Data
HSL Compounds

Case No: Instrument ID: GC/ECD #7

Contractor: ACCREDITED LABS INC. Calibration Date: 09/28/99

Contract No: CA7TCL

Minimum $\overline{RF}$ for SPCC is 5000 Maximum % RSD for CCC is 20%

Laboratory ID: >G4254 >G4253 >G4252 >G4251 >G4250

Comp No.	Compound	RF .0200	RF .100	RF .200	RF .400	RF .800	$\overline{RRT}$	$\overline{RF}$	% RSD	CORR1	CCC	SPCC	
1)	Tetrachloro-m-xylene	396650.	529960.	556795.	517890.	461267.	5.879	492513.	12.979	.997099			
2)	G-BHC (Lindane)	554200.	823770.	761515.	802777.	753640.	8.151	739181.	14.527	.999258			
3)	Heptachlor	536550.	897470.	790635.	823395.	768892.	10.627	763388.	17.794	.999035			
4)	Heptachlor Epoxide	659100.	589900.	718560.	647863.	641338.	13.521	651352.	7.063	.999259			
5)	G-Chlordane	587150.	606060.	736870.	648427.	648290.	14.511	645359.	8.943	.999072			
6)	A-Chlordane	594550.	589450.	703300.	640533.	628745.	15.107	631315.	7.249	.999299			
7)	Endrin	428500.	641375.	644252.	646075.	606723.	16.875	593385.	15.771	.999242			(Conc=.0400,
8)	Methoxychlor	234060.	378096.	319679.	311170.	271047.	21.975	302811.	17.905	.996301			(Conc=.200,1
9)	Toxaphene Peak 1	6009.00	5726.70	6028.52	6061.14	6817.02	20.053	6128.48	6.650	.998343			(Conc=1.00,1
10)	Toxaphene Peak 2	9952.00	8782.60	9266.64	9888.72	9422.18	20.563	9462.43	5.078	.999540			(Conc=1.00,1
11)	Toxaphene Peak 3	7623.00	9392.70	10331.6	10278.8	10353.6	20.907	9595.95	12.237	.999969			(Conc=1.00,1
12)	DCB	609475.	763355.	726592.	698964.	592825.	28.723	678242.	10.943	.995191			(Conc=.0400,

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CORRn - Coefficient of Correlation (nth degree)

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

107

Initial Calibration Data
HSL Compounds

Case No: Instrument ID: GC/ECD #8

Contractor: ACCREDITED LABS INC. Calibration Date: 09/28/99

Contract No: CA8TCL

Minimum $\overline{RF}$ for SPCC is 5000 Maximum % RSD for CCC is 20%

Comp No.	Compound	Laboratory ID: >H4254 RF .0200	>H4253 RF .100	>H4252 RF .200	>H4251 RF .400	>H4250 RF .800	$\overline{RRT}$	$\overline{RF}$	% RSD	CORR1	CCC	SPCC	
1)	Tetrachloro-m-xylene	1159650	1645150	1385025	1389930	1221251	4.575	1360201	13.863	.997052			
2)	G-BHC (Lindane)	1475950	2134210	1933580	2081410	1936269	8.623	1912283	13.568	.999025			
3)	Heptachlor	1450350	2014600	2046695	1999170	1759330	9.213	1854029	13.642	.997005			
4)	Heptachlor Epoxide	1579800	1782100	2273020	1984352	1895962	12.886	1903047	13.465	.998079			
5)	G-Chlordane	2133200	2042220	1988195	1719300	1601846	14.277	1896952	11.902	.998312			
6)	A-Chlordane	1533050	1471990	1780115	1763307	1732394	14.485	1656172	8.631	.999659			
7)	Endrin	1128600	1774390	1574898	1763693	1537305	16.244	1555777	16.829	.996683			(Conc=.0400,
8)	Methoxychlor	671640.	902487.	832515.	794438.	669577.	21.929	774131.	13.194	.994654			(Conc=.200,1
9)	Toxaphene Peak 1	9756.00	10337.4	11417.2	11276.0	10363.5	19.698	10630.0	6.581	.998721			(Conc=1.00,1
10)	Toxaphene Peak 2	12055.0	12629.4	14544.7	15302.2	14801.0	20.683	13866.4	10.329	.999663			(Conc=1.00,1
11)	Toxaphene Peak 3	25376.0	28042.8	31151.4	32142.8	31496.0	21.128	29641.8	9.650	.999855			(Conc=1.00,1
12)	DCB	1737950	2254475	1874325	1791916	1531884	26.427	1838110	14.410	.995488			(Conc=.0400,

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CORRn - Coefficient of Correlation (nth degree)

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
HSL Compounds

Case No:

Instrument ID: GC/ECD #1

Contractor: ACCREDITED LABS, INC

Calibration Date: 11/16/99

Contract No: CAHRB1

Minimum $\overline{RF}$ for SPCC is 10000 Maximum % RSD for CCC is 20%

Comp No.	Compound	Laboratory ID: >A0492 RF .100	>A0491 RF .250	>A0490 RF .500	>A0489 RF .750	>A0488 RF 1.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CORR1	CCC	SPCC	
1)	DICAMBA	3329830	3060144	2916652	2712270	2813106	3.990	2966400	8.109	.999076			
2)	2,4'-D	1857520	1682816	1576216	1458673	1524129	5.310	1619871	9.638	.998775			
3)	SILVEX	7169600	7120320	6927840	6424453	6617720	7.003	6851987	4.708	.999093			(Conc=.0100,

RF - Response Factor (Subscript is amount in UG/ML)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CORRn - Coefficient of Correlation (nth degree)

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
HSL Compounds

Case No: Instrument ID: GC/ECD #2

Contractor: ACCREDITED LABS,INC. Calibration Date: 11/16/99

Contract No: CAHRB2

Minimum $\overline{RF}$ for SPCC is Maximum % RSD for CCC is 20%

Comp No.	Compound	Laboratory ID: >B0492 RF .100	>B0491 RF .250	>B0490 RF .500	>B0489 RF .750	>B0488 RF 1.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CORR1	CCC	SPCC	
1)	DICAMBA	2601350	2471080	2186074	2061588	2036865	3.650	2271391	11.117	.999301			
2)	2,4'-D	1520030	1398204	1260180	1137946	1137054	5.447	1290683	12.966	.998574			
3)	SILVEX	5592700	5108800	4924960	4662933	5084500	6.767	5074778	6.694	.997311			(Conc=.0100

RF - Response Factor (Subscript is amount in UG/ML)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CORRn - Coefficient of Correlation (nth degree)

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
HSL Compounds

Case No: Instrument ID: GC/ECD #7

Contractor: ACCREDITED LABS INC. Calibration Date: 09/28/99

Contract No: CAGPCB

Minimum $\overline{RF}$ for SPCC is 10000 Maximum % RSD for CCC is 20%

Comp No.	Compound	Laboratory ID: >G4244 RF 1.00	>G4243 RF 10.00	>G4242 RF 25.00	>G4241 RF 50.00	>G4240 RF 100.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CORR1	CCC	SPCC	
1)	Tetrachloro-m-xylene	475120.	433596.	463598.	448464.	484836.	5.887	461123.	4.447	.999530			(Conc=.200,.
2)	Aroclor-1016 Peak 1	9774.00	9535.50	9291.88	8885.70	7044.91	9.180	8906.40	12.252	.990341			
3)	Aroclor-1016 Peak 2	17360.0	18976.4	19538.8	20841.9	18950.3	10.300	19133.5	6.552	.998562			
4)	Aroclor-1016 Peak 3	5495.00	7202.60	5042.12	6144.36	7635.28	10.637	6303.87	17.471	.992574			
5)	Aroclor-1260 Peak 1	89746.0	70857.1	64765.7	75068.9	56440.7	18.529	71375.7	17.416	.986127			
6)	Aroclor-1260 Peak 2	55763.0	65235.1	62495.1	74110.9	58010.4	19.643	63122.9	11.366	.989662			
7)	Aroclor-1260 Peak 3	130526.	115141.	111133.	130471.	89912.6	22.431	115437.	14.520	.974476			
8)	DCB	599135.	640242.	620790.	582094.	612486.	28.732	610949.	3.595	.999686			(Conc=.200,.

RF - Response Factor (Subscript is amount in ug/L)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CORRn - Coefficient of Correlation (nth degree)

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
HSL Compounds

Case No: Instrument ID: GC/ECD #8

Contractor: ACCREDITED LABS INC. Calibration Date: 09/28/99

Contract No: CAHPCB

Minimum $\overline{RF}$ for SPCC is 10000 Maximum % RSD for CCC is 20%

Comp No.	Compound	Laboratory ID: >H4244 RF 1.00	>H4243 RF 10.00	>H4242 RF 25.00	>H4241 RF 50.00	>H4240 RF 100.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CORR1	CCC	SPCC	
1)	Tetrachloro-m-xylene	1408490	1219688	1295670	1224308	1294816	4.557	1288594	5.929	.999665			(Conc=.200,
2)	Aroclor-1016 Peak 1	39983.0	36509.2	33383.0	37069.1	27578.8	7.529	34904.6	13.516	.984967			
3)	Aroclor-1016 Peak 2	78223.0	67782.1	64748.5	78143.5	60314.4	9.399	69842.3	11.546	.988368			
4)	Aroclor-1016 Peak 3	26053.0	32173.7	30407.1	35585.0	26764.7	11.453	30196.7	13.031	.985829			
5)	Aroclor-1260 Peak 1	114271.	106797.	98625.1	133424.	102615.	17.112	111146.	12.357	.986927			
6)	Aroclor-1260 Peak 2	325305.	322896.	296753.	374086.	276118.	21.109	319032.	11.542	.983400			
7)	Aroclor-1260 Peak 3	179149.	206168.	195145.	237462.	178386.	22.514	199262.	12.201	.985515			
8)	DCB	1674360	1682184	1614590	1479815	1531383	26.431	1596467	5.566	.999723			(Conc=.200,

RF - Response Factor (Subscript is amount in ug/L)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CORRn - Coefficient of Correlation (nth degree)

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

112

Continuing Calibration Check
HSL Compounds

Case No:

Calibration Date: 12/09/99

Contractor: ACCREDITED LABS INC.

Time: 21:06

Contract No: CA7TCL

Laboratory ID: >G4765

Instrument ID: GC/ECD #7

Initial Calibration Date: 09/28/99

Minimum $\overline{RF}$ for SPCC is 5000

Maximum % Diff for CCC is 15%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
Tetrachloro-m-xylene	492513.	478580.	2.83			
G-BHC (Lindane)	739181.	692560.	6.31			
Heptachlor	763388.	863155.	13.07			
Heptachlor Epoxide	651352.	609555.	6.42			
G-Chlordane	645359.	646345.	.15			
A-Chlordane	631315.	593535.	5.98			
Endrin	593385.	606970.	2.29			(Conc=.400)
Methoxychlor	302811.	265770.	12.23			(Conc=2.00)
Toxaphene Peak 1	6128.48	6899.96	12.59			(Conc=25.00)
Toxaphene Peak 2	9462.43	9245.64	2.29			(Conc=25.00)
Toxaphene Peak 3	9595.95	9037.60	5.82			(Conc=25.00)
DCB	678242.	656358.	3.23			(Conc=.400)

RF - Response Factor from daily standard file at .200 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No:

Calibration Date: 12/09/99

Contractor: ACCREDITED LABS INC.

Time: 21:44

Contract No: CA8TCL

Laboratory ID: >H4765

Instrument ID: GC/ECD #8

Initial Calibration Date: 09/28/99

Minimum $\overline{RF}$ for SPCC is 5000 Maximum % Diff for CCC is 15%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
Tetrachloro-m-xylene	1360201	1560590	14.73			
G-BHC (Lindane)	1912283	2099210	9.78			
Heptachlor	1854029	1797625	3.04			
Heptachlor Epoxide	1903047	2065000	8.51			
G-Chlordane	1896952	2015335	6.24			
A-Chlordane	1656172	1882005	13.64			
Endrin	1555777	1708460	9.81			(Conc=.400)
Methoxychlor	774131.	814406.	5.20			(Conc=2.00)
Toxaphene Peak 1	10630.0	9396.56	11.60			(Conc=25.00)
Toxaphene Peak 2	13866.4	14568.4	5.06			(Conc=25.00)
Toxaphene Peak 3	29641.8	29300.4	1.15			(Conc=25.00)
DCB	1838110	1813600	1.33			(Conc=.400)

RF - Response Factor from daily standard file at .200 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No:

Calibration Date: 12/08/99

Contractor: ACCREDITED LABS, INC

Time: 18:11

Contract No: CAHR81

Laboratory ID: >A0596

Instrument ID: GC/ECD #1

Initial Calibration Date: 11/16/99

Minimum $\overline{RF}$ for SPCC is 10000

Maximum % Diff for CCC is 15%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
DICAMBA	2966400	3257848	9.82			
2,4'-D	1619871	1835514	13.31			
SILVEX	6851987	7387840	7.82			(Conc=.0500)

RF - Response Factor from daily standard file at .500 UG/ML

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No:

Calibration Date: 12/08/99

Contractor: ACCREDITED LABS,INC.

Time: 18:36

Contract No: CAHRB2

Laboratory ID: >B0596

Instrument ID: GC/ECD #2

Initial Calibration Date: 11/16/99

Minimum $\overline{RF}$ for SPCC is

Maximum % Diff for CCC is 15%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
DICAMBA	2271391	2388314	5.15			
2,4'-D	1290683	1380884	6.99			
SILVEX	5074778	5483500	8.05			(Conc=.0500)

RF - Response Factor from daily standard file at .500 UG/ML

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No:

Calibration Date: 12/08/99

Contractor: ACCREDITED LABS, INC

Time: 22:25

Contract No: CAHRB1

Laboratory ID: >A0606

Instrument ID: GC/ECD #1

Initial Calibration Date: 11/16/99

Minimum $\overline{RF}$ for SPCC is 10000 Maximum % Diff for CCC is 15%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
DICAMBA	2966400	3004274	1.28			
2,4'-D	1619871	1793896	10.74			
SILVEX	6851987	7023500	2.50			(Conc=.0500)

RF - Response Factor from daily standard file at .500 UG/ML

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 12/08/99

Contractor: ACCREDITED LABS,INC. Time: 22:50

Contract No: CAHRB2 Laboratory ID: >B0606

Instrument ID: GC/ECD #2 Initial Calibration Date: 11/16/99

Minimum $\overline{RF}$ for SPCC is Maximum % Diff for CCC is 15%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
DICAMBA	2271391	2170428	4.45			
2,4'-D	1290683	1318550	2.16			
SILVEX	5074778	5167820	1.83			(Conc=.0500)

RF - Response Factor from daily standard file at .500 UG/ML

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 12/07/99

Contractor: ACCREDITED LABS INC. Time: 17:33

Contract No: CAGPCB Laboratory ID: >G4729

Instrument ID: GC/ECD #7 Initial Calibration Date: 09/28/99

Minimum $\overline{RF}$ for SPCC is 10000 Maximum % Diff for CCC is 15%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
Tetrachloro-m-xylene	461123.	486465.	5.50			(Conc=1.00)
Aroclor-1016 Peak 1	8906.40	9371.08	5.22			
Aroclor-1016 Peak 2	19133.5	21115.2	10.36			
Aroclor-1016 Peak 3	6303.87	6909.40	9.61			
Aroclor-1260 Peak 1	71375.7	66480.5	6.86			
Aroclor-1260 Peak 2	63122.9	66525.8	5.39			
Aroclor-1260 Peak 3	115437.	110021.	4.69			
DCB	610949.	609319.	.27			(Conc=1.00)

RF - Response Factor from daily standard file at 25.00 ug/L

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 12/07/99

Contractor: ACCREDITED LABS INC. Time: 18:10

Contract No: CAHPCB Laboratory ID: >H4729

Instrument ID: GC/ECD #8 Initial Calibration Date: 09/28/99

Minimum $\overline{RF}$ for SPCC is 10000 Maximum % Diff for CCC is 15%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
Tetrachloro-m-xylene	1288594	1410802	9.48			(Conc=1.00)
Aroclor-1016 Peak 1	34904.6	36957.8	5.88			
Aroclor-1016 Peak 2	69842.3	79561.5	13.92			
Aroclor-1016 Peak 3	30196.7	33522.1	11.01			
Aroclor-1260 Peak 1	111146.	127314.	14.55			
Aroclor-1260 Peak 2	319032.	335488.	5.16			
Aroclor-1260 Peak 3	199262.	218328.	9.57			
DCB	1596467	1764081	10.50			(Conc=1.00)

RF - Response Factor from daily standard file at 25.00 ug/L

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No:

Contractor: ACCREDITED LABS INC.

Contract No: CAGPCB

Instrument ID: GC/ECD #7

Calibration Date: 12/08/99

Time: 08:59

Laboratory ID: >G4754

Initial Calibration Date: 09/28/99

Minimum $\overline{RF}$ for SPCC is 10000 Maximum % Diff for CCC is 15%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
Tetrachloro-m-xylene	461123.	-	-			(Conc=1.00)
Aroclor-1016 Peak 1	8906.40	9317.64	4.62			
Aroclor-1016 Peak 2	19133.5	21462.9	12.17			
Aroclor-1016 Peak 3	6303.87	6979.00	10.71			
Aroclor-1260 Peak 1	71375.7	65271.1	8.55			
Aroclor-1260 Peak 2	63122.9	64808.9	2.67			
Aroclor-1260 Peak 3	115437.	109334.	5.29			
DCB	610949.	-	-			(Conc=1.00)

RF - Response Factor from daily standard file at 25.00 ug/L

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No:

Calibration Date: 12/08/99

Contractor: ACCREDITED LABS INC.

Time: 09:37

Contract No: CAHPCB

Laboratory ID: >H4754

Instrument ID: GC/ECD #8

Initial Calibration Date: 09/28/99

Minimum $\overline{RF}$ for SPCC is 10000 Maximum % Diff for CCC is 15%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
Tetrachloro-m-xylene	1288594	-	-			(Conc=1.00)
Aroclor-1016 Peak 1	34904.6	34777.6	.36			
Aroclor-1016 Peak 2	69842.3	78039.3	11.74			
Aroclor-1016 Peak 3	30196.7	32031.4	6.08			
Aroclor-1260 Peak 1	111146.	133870.	20.44			
Aroclor-1260 Peak 2	319032.	349175.	9.45			
Aroclor-1260 Peak 3	199262.	223470.	12.15			
DCB	1596467	-	-			(Conc=1.00)

RF - Response Factor from daily standard file at 25.00 ug/L

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

ACCREDITED LABORATORIES, INC.
RETENTION TIME WINDOW

Instrument ID: HP5890-G GC #7 Primary Column
Dates Analyzed: 09/28/99 to 09/29/99

ANALYTE	RETENTION TIMES 1/40 Mix A/B	1/8 Mix A/B	1/4 Mix A/B	1/2 Mix A/B	High Mix A/B	Average
G-BHC (Lindane)	8.15	8.15	8.15	8.15	8.15	8.15
Heptachlor	10.62	10.63	10.63	10.63	10.63	10.63
Heptachlor Epoxide	13.52	13.52	13.52	13.52	13.52	13.52
G-Chlordane	14.51	14.51	14.51	14.51	14.51	14.51
A-Chlordane	15.10	15.11	15.11	15.11	15.11	15.11
Endrin	16.87	16.87	16.88	16.88	16.88	16.87
Methoxychlor	21.98	21.98	21.98	21.97	21.97	21.98
Toxaphene Peak 1	20.05	20.06	20.05	20.05	20.05	20.05
Toxaphene Peak 2	20.56	20.56	20.56	20.56	20.56	20.56
Toxaphene Peak 3	20.91	20.91	20.91	20.91	20.90	20.91

ANALYTE	RT WINDOW	FROM	TO
G-BHC (Lindane)	± .050	8.10	8.20
Heptachlor	± .050	10.58	10.68
Heptachlor Epoxide	± .070	13.45	13.59
G-Chlordane	± .070	14.44	14.58
A-Chlordane	± .070	15.04	15.18
Endrin	± .070	16.80	16.94
Methoxychlor	± .070	21.91	22.05
Toxaphene Peak 1	± .070	19.98	20.12
Toxaphene Peak 2	± .070	20.49	20.63
Toxaphene Peak 3	± .070	20.84	20.98

ACCREDITED LABORATORIES, INC.
RETENTION TIME WINDOW

Instrument ID: HP5890-H GC #8 Confirmation Column
Dates Analyzed: 09/28/99 to 09/29/99

ANALYTE	RETENTION TIMES 1/40 Mix A/B	1/8 Mix A/B	1/4 Mix A/B	1/2 Mix A/B	High Mix A/B	Average
G-BHC (Lindane)	8.63	8.63	8.63	8.62	8.62	8.62
Heptachlor	9.21	9.21	9.21	9.21	9.22	9.21
Heptachlor Epoxide	12.88	12.89	12.89	12.89	12.89	12.89
G-Chlordane	14.28	14.28	14.28	14.28	14.28	14.28
A-Chlordane	14.48	14.48	14.49	14.49	14.49	14.49
Endrin	16.25	16.24	16.24	16.25	16.24	16.24
Methoxychlor	21.98	21.93	21.93	21.91	21.90	21.93
Toxaphene Peak 1	19.71	19.70	19.70	19.69	19.69	19.70
Toxaphene Peak 2	20.69	20.69	20.68	20.68	20.67	20.68
Toxaphene Peak 3	21.15	21.13	21.13	21.12	21.11	21.13

ANALYTE	RT WINDOW	FROM	TO
G-BHC (Lindane)	± .050	8.57	8.67
Heptachlor	± .050	9.16	9.26
Heptachlor Epoxide	± .070	12.82	12.96
G-Chlordane	± .070	14.21	14.35
A-Chlordane	± .070	14.42	14.56
Endrin	± .070	16.17	16.31
Methoxychlor	± .070	21.86	22.00
Toxaphene Peak 1	± .070	19.63	19.77
Toxaphene Peak 2	± .070	20.61	20.75
Toxaphene Peak 3	± .070	21.06	21.20

ACCREDITED LABORATORIES, INC.
RETENTION TIME WINDOW

INSTRUMENT ID: HP5890-A
DATE(S) ANALYZED: 11/16/99

Primary Column

RETENTION TIMES
HERBICIDE STANDARDS

ANALYTE	1/10	1/4	1/2	3/4	1
DICAMBA	3.98	3.98	4.00	3.98	4.00
2,4'-D	5.32	5.30	5.32	5.30	5.32
SILVEX	7.00	6.98	7.02	7.00	7.02

ANALYTE	RT WINDOW	FROM	TO
DICAMBA	0.050	3.94	4.04
2,4'-D	0.050	5.26	5.36
SILVEX	0.050	6.95	7.05

ACCREDITED LABORATORIES, INC.
RETENTION TIME WINDOW

INSTRUMENT ID: HP5890-B
DATE(S) ANALYZED: 11/16/99

Confirmation Column

RETENTION TIMES
HERBICIDE STANDARDS

ANALYTE	1/10	1/4	1/2	3/4	1
DICAMBA	3.65	3.65	3.65	3.65	3.65
2,4'-D	5.45	5.45	5.43	5.45	5.45
SILVEX	6.77	6.77	6.77	6.77	6.77

ANALYTE	RT WINDOW	FROM	TO
DICAMBA	0.050	3.60	3.70
2,4'-D	0.050	5.40	5.50
SILVEX	0.050	6.72	6.82

ACCREDITED LABORATORIES, INC.
RETENTION TIME WINDOW

Instrument ID: HP5890-G GC #7 Primary Column
Date Analyzed: 09/28/99

ANALYTE	RETENTION TIMES 0.10 ug/L	1.0 ug/L	2.5 ug/L	5.0 ug/L	10.0 ug/L	Average
Aroclor-1016 Peak 1	9.17	9.17	9.17	9.17	9.21	9.18
Aroclor-1016 Peak 2	10.35	10.31	10.29	10.27	10.28	10.30
Aroclor-1016 Peak 3	10.68	10.64	10.63	10.61	10.63	10.64
Aroclor-1260 Peak 1	18.54	18.53	18.52	18.51	18.54	18.53
Aroclor-1260 Peak 2	19.66	19.64	19.63	19.63	19.65	19.64
Aroclor-1260 Peak 3	22.45	22.43	22.42	22.42	22.44	22.43

ANALYTE	RT WINDOW	FROM	TO
Aroclor-1016 Peak 1	± .070	9.11	9.25
Aroclor-1016 Peak 2	± .070	10.23	10.37
Aroclor-1016 Peak 3	± .070	10.57	10.71
Aroclor-1260 Peak 1	± .070	18.46	18.60
Aroclor-1260 Peak 2	± .070	19.57	19.71
Aroclor-1260 Peak 3	± .070	22.36	22.50

ACCREDITED LABORATORIES, INC.
RETENTION TIME WINDOW

Instrument ID: HP5890-H
Date Analyzed: 09/28/99

GC #8 Confirmation Column

ANALYTE	RETENTION TIMES 0.10 ug/L	1.0 ug/L	2.5 ug/L	5.0 ug/L	10.0 ug/L	Average
Aroclor-1016 Peak 1	7.58	7.55	7.53	7.50	7.49	7.53
Aroclor-1016 Peak 2	9.56	9.45	9.38	9.32	9.29	9.40
Aroclor-1016 Peak 3	11.51	11.48	11.45	11.43	11.40	11.45
Aroclor-1260 Peak 1	17.18	17.13	17.10	17.08	17.07	17.11
Aroclor-1260 Peak 2	21.16	21.13	21.10	21.08	21.07	21.11
Aroclor-1260 Peak 3	22.56	22.53	22.51	22.49	22.48	22.51

ANALYTE	RT WINDOW	FROM	TO
Aroclor-1016 Peak 1	± .070	7.46	7.60
Aroclor-1016 Peak 2	± .070	9.33	9.47
Aroclor-1016 Peak 3	± .070	11.38	11.52
Aroclor-1260 Peak 1	± .070	17.04	17.18
Aroclor-1260 Peak 2	± .070	21.04	21.18
Aroclor-1260 Peak 3	± .070	22.44	22.58

ACCREDITED LABORATORIES, INC.
TCLP PESTICIDE RETENTION TIME WINDOW

Instrument ID: HP5890-G Primary Column

Date Analyzed: 12/09/99

COMPOUND NAME	RT OF STD	WINDOW FROM	TO
G-BHC (Lindane)	8.43	8.38	8.48
Heptachlor	10.93	10.88	10.98
Heptachlor Epoxide	13.85	13.78	13.92
Endrin	17.21	17.14	17.28
Methoxychlor	22.23	22.16	22.30
A-Chlordane	15.44	15.37	15.51
G-Chlordane	14.85	14.78	14.92
Toxaphene Peak 1	20.07	20.00	20.14
Toxaphene Peak 2	20.89	20.82	20.96
Toxaphene Peak 3	21.24	21.17	21.31

ACCREDITED LABORATORIES, INC.
TCLP PESTICIDE RETENTION TIME WINDOW

Instrument ID: HP5890-H

Confirmation Column

Date Analyzed: 12/09/99

COMPOUND NAME	RT OF STD	WINDOW FROM	TO
G-BHC (Lindane)	8.53	8.48	8.58
Heptachlor	9.21	9.16	9.26
Heptachlor Epoxide	12.89	12.82	12.96
Endrin	16.25	16.18	16.32
Methoxychlor	21.85	21.78	21.92
A-Chlordane	14.49	14.42	14.56
G-Chlordane	14.28	14.21	14.35
Toxaphene Peak 1	19.71	19.64	19.78
Toxaphene Peak 2	20.69	20.62	20.76
Toxaphene Peak 3	21.11	21.04	21.18

ACCREDITED LABORATORIES, INC.
HERBICIDE RETENTION TIME WINDOW

Instrument ID: HP5890-A Primary Column

Date Analyzed: 12/08/99

COMPOUND NAME	RT OF STD	WINDOW FROM	TO
DICAMBA	4.07	4.02	4.12
2,4'-D	5.40	5.35	5.45
SILVEX	7.10	7.05	7.15

ACCREDITED LABORATORIES, INC.
HERBICIDE RETENTION TIME WINDOW

Instrument ID: HP5890-B Confirmation Column

Date Analyzed: 12/08/99

COMPOUND NAME	RT OF STD	WINDOW FROM	TO
DICAMBA	3.72	3.67	3.77
2,4'-D	5.53	5.48	5.58
SILVEX	6.87	6.82	6.92

ACCREDITED LABORATORIES, INC.
HERBICIDE RETENTION TIME WINDOW

Instrument ID: HP5890-A Primary Column

Date Analyzed: 12/08/99

COMPOUND NAME	RT OF STD	WINDOW FROM	WINDOW TO
DICAMBA	4.05	4.00	4.10
2,4'-D	5.38	5.33	5.43
SILVEX	7.08	7.03	7.13

ACCREDITED LABORATORIES, INC.
HERBICIDE RETENTION TIME WINDOW

Instrument ID: HP5890-B

Confirmation Column

Date Analyzed: 12/08/99

COMPOUND NAME	RT OF STD	WINDOW FROM	TO
DICAMBA	3.70	3.65	3.75
2,4'-D	5.52	5.47	5.57
SILVEX	6.83	6.78	6.88

ACCREDITED LABORATORIES, INC.
RT WINDOW FOR MULTICOMPONENT ANALYTES

Instrument ID: HP5890-G

Date Analyzed: 12/07/99

COMPOUND NAME	RT OF STD	WINDOW FROM	WINDOW TO
Aroclor-1016 Peak 1	9.43	9.36	9.50
Aroclor-1016 Peak 2	10.49	10.42	10.56
Aroclor-1016 Peak 3	10.84	10.77	10.91
Aroclor-1221 Peak 1	6.80	6.73	6.87
Aroclor-1221 Peak 2	7.13	7.06	7.20
Aroclor-1221 Peak 3	7.33	7.26	7.40
Aroclor-1232 Peak 1	7.33	7.26	7.40
Aroclor-1232 Peak 2	8.75	8.68	8.82
Aroclor-1232 Peak 3	10.49	10.42	10.56
Aroclor-1242 Peak 1	10.49	10.42	10.56
Aroclor-1242 Peak 2	12.59	12.52	12.66
Aroclor-1242 Peak 3	13.08	13.01	13.15
Aroclor-1248 Peak 1	10.49	10.42	10.56
Aroclor-1248 Peak 2	11.80	11.73	11.87
Aroclor-1248 Peak 3	13.08	13.01	13.15
Aroclor-1254 Peak 1	14.32	14.25	14.39
Aroclor-1254 Peak 2	15.30	15.23	15.37
Aroclor-1254 Peak 3	16.78	16.71	16.85
Aroclor-1260 Peak 1	18.80	18.73	18.87
Aroclor-1260 Peak 2	19.90	19.83	19.97
Aroclor-1260 Peak 3	22.69	22.62	22.76

ACCREDITED LABORATORIES, INC.
RT WINDOW FOR MULTICOMPONENT ANALYTES

Instrument ID: HP5890-H

Date Analyzed: 12/07/99

COMPOUND NAME	RT OF STD	WINDOW FROM	WINDOW TO
Aroclor-1016 Peak 1	7.42	7.35	7.49
Aroclor-1016 Peak 2	9.14	9.07	9.21
Aroclor-1016 Peak 3	11.30	11.23	11.37
Aroclor-1221 Peak 1	5.50	5.43	5.57
Aroclor-1221 Peak 2	5.96	5.89	6.03
Aroclor-1221 Peak 3	6.16	6.09	6.23
Aroclor-1232 Peak 1	6.16	6.09	6.23
Aroclor-1232 Peak 2	7.42	7.35	7.49
Aroclor-1232 Peak 3	9.14	9.07	9.21
Aroclor-1242 Peak 1	7.42	7.35	7.49
Aroclor-1242 Peak 2	9.14	9.07	9.21
Aroclor-1242 Peak 3	11.69	11.62	11.76
Aroclor-1248 Peak 1	10.44	10.37	10.51
Aroclor-1248 Peak 2	11.30	11.23	11.37
Aroclor-1248 Peak 3	11.69	11.62	11.76
Aroclor-1254 Peak 1	13.66	13.59	13.73
Aroclor-1254 Peak 2	15.44	15.37	15.51
Aroclor-1254 Peak 3	18.42	18.35	18.49
Aroclor-1260 Peak 1	17.04	16.97	17.11
Aroclor-1260 Peak 2	21.06	20.99	21.13
Aroclor-1260 Peak 3	22.45	22.38	22.52

ACCREDITED LABORATORIES, INC.
RT WINDOW FOR MULTICOMPONENT ANALYTES

Instrument ID: HP5890-G

Date Analyzed: 12/08/99

COMPOUND NAME	RT OF STD	WINDOW FROM	WINDOW TO
Aroclor-1016 Peak 1	9.40	9.33	9.47
Aroclor-1016 Peak 2	10.47	10.40	10.54
Aroclor-1016 Peak 3	10.82	10.75	10.89
Aroclor-1221 Peak 1	6.77	6.70	6.84
Aroclor-1221 Peak 2	7.10	7.03	7.17
Aroclor-1221 Peak 3	7.30	7.23	7.37
Aroclor-1232 Peak 1	7.30	7.23	7.37
Aroclor-1232 Peak 2	8.72	8.65	8.79
Aroclor-1232 Peak 3	10.47	10.40	10.54
Aroclor-1242 Peak 1	10.47	10.40	10.54
Aroclor-1242 Peak 2	12.57	12.50	12.64
Aroclor-1242 Peak 3	13.06	12.99	13.13
Aroclor-1248 Peak 1	10.47	10.40	10.54
Aroclor-1248 Peak 2	11.77	11.70	11.84
Aroclor-1248 Peak 3	13.06	12.99	13.13
Aroclor-1254 Peak 1	14.30	14.23	14.37
Aroclor-1254 Peak 2	15.28	15.21	15.35
Aroclor-1254 Peak 3	16.77	16.70	16.84
Aroclor-1260 Peak 1	18.79	18.72	18.86
Aroclor-1260 Peak 2	19.89	19.82	19.96
Aroclor-1260 Peak 3	22.69	22.62	22.76

ACCREDITED LABORATORIES, INC.
RT WINDOW FOR MULTICOMPONENT ANALYTES

Instrument ID: HP5890-H

Date Analyzed: 12/08/99

COMPOUND NAME	RT OF STD	WINDOW FROM	WINDOW TO
Aroclor-1016 Peak 1	7.44	7.37	7.51
Aroclor-1016 Peak 2	9.17	9.10	9.24
Aroclor-1016 Peak 3	11.32	11.25	11.39
Aroclor-1221 Peak 1	5.52	5.45	5.59
Aroclor-1221 Peak 2	5.99	5.92	6.06
Aroclor-1221 Peak 3	6.18	6.11	6.25
Aroclor-1232 Peak 1	6.18	6.11	6.25
Aroclor-1232 Peak 2	7.44	7.37	7.51
Aroclor-1232 Peak 3	9.17	9.10	9.24
Aroclor-1242 Peak 1	7.44	7.37	7.51
Aroclor-1242 Peak 2	9.17	9.10	9.24
Aroclor-1242 Peak 3	11.71	11.64	11.78
Aroclor-1248 Peak 1	10.46	10.39	10.53
Aroclor-1248 Peak 2	11.32	11.25	11.39
Aroclor-1248 Peak 3	11.71	11.64	11.78
Aroclor-1254 Peak 1	13.68	13.61	13.75
Aroclor-1254 Peak 2	15.46	15.39	15.53
Aroclor-1254 Peak 3	18.44	18.37	18.51
Aroclor-1260 Peak 1	17.06	16.99	17.13
Aroclor-1260 Peak 2	21.07	21.00	21.14
Aroclor-1260 Peak 3	22.47	22.40	22.54

ACCREDITED LABORATORIES, INC.
PESTICIDE SURROGATE RECOVERY

Case Number : 6481 Client Name : OE

GC Column : RTX-5 Column ID : 0.53mm

Instrument ID : HP5890-G

	LAB FILE ID	LAB SAMPLE ID	TCX %REC #	DCB %REC #	TOT OUT
01	>G4768	PBLK21	71	84	0
02	>G4769	PBLK21MS	75	87	0
03	>G4774	9912994	75	87	0
04	>G4775	9912996	77	88	0
05	>G4776	9912995	91	91	0
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

ACCREDITED LABORATORIES, INC.
PESTICIDE SURROGATE RECOVERY

Case Number : 6481 Client Name : OE

GC Column : RTX-1701 Column ID : 0.53mm

Instrument ID : HP5890-H

	LAB FILE ID	LAB SAMPLE ID	TCX %REC #	DCB %REC #	TOT OUT
01	>H4768	PBLK21	83	119	0
02	>H4769	PBLK21MS	87	125	0
03	>H4774	9912994	80	123	0
04	>H4775	9912996	88	124	0
05	>H4776	9912995	104	115	0
06					
07					
08					
09					
10					
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27					
28					
29					
30					

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

ACCREDITED LABORATORIES, INC.
PCB SURROGATE RECOVERY

Case Number : 6481 Client Name : OE

GC Column : RTX-5 Column ID : 0.53mm

Instrument ID : HP5890-G

	LAB FILE ID	LAB SAMPLE ID	TCX %REC	#	DCB %REC	#	TOT OUT
01	>G4731	PBLK17	62		89		0
02	>G4732	PBLK17MS	70		92		0
03	>G4733	PBLK17-A	64		87		0
04	>G4744	9912994	****	*	4282	*	2
05	>G4745	9912996	78		90		0
06	>G4746	9912997	93		139		0
07	>G4747	9912998	82		108		0
08	>G4748	9912999	97		117		0
09	>G4749	9912999MS	89		117		0
10	>G4750	9912999MSD	98		116		0
11	>G4751	9913000	91		90		0
12	>G4752	9912995	83		97		0
13	>G4755	9912994DL	****	*	7679	*	2
14	>G4756	9912996DL	65		81		0
15	>G4757	9912997DL	80		123		0
16	>G4758	9912998DL	104		75		0
17	>G4759	9912999DL	94		32		0
18	>G4760	9912999MSD	88		110		0
19	>G4761	9912999MSD	96		54		0
20	>G4762	9913000DL	52		106		0
21	>G4763	9912994DL2	0	*	0	*	2
22							
23							
24							
25							
26							
27							
28							
29							
30							

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

\# Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

ACCREDITED LABORATORIES, INC.
PCB SURROGATE RECOVERY

Case Number : 6481 Client Name : OE

GC Column : RTX-1701 Column ID : 0.53mm

Instrument ID : HP5890-H

	LAB FILE ID	LAB SAMPLE ID	TCX %REC	#	DCB %REC	#	TOT OUT
01	>H4731	PBLK17	74		85		0
02	>H4732	PBLK17MS	85		100		0
03	>H4733	PBLK17-A	80		93		0
04	>H4744	9912994	97		2889	*	1
05	>H4745	9912996	99		150		0
06	>H4746	9912997	105		73		0
07	>H4747	9912998	113		146		0
08	>H4748	9912999	125		134		0
09	>H4749	9912999MS	101		108		0
10	>H4750	9912999MSD	117		141		0
11	>H4751	9913000	100		113		0
12	>H4752	9912995	101		64		0
13	>H4755	9912994DL	0	*	****	*	2
14	>H4756	9912996DL	195	*	161	*	2
15	>H4757	9912997DL	100		99		0
16	>H4758	9912998DL	118		150		0
17	>H4759	9912999DL	130		98		0
18	>H4760	9912999MSD	134		108		0
19	>H4761	9912999MSD	118		73		0
20	>H4762	9913000DL	117		106		0
21	>H4763	9912994DL2	0	*	0	*	2
22							
23							
24							
25							
26							
27							
28							
29							
30							

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

ACCREDITED LABORATORIES, INC.
PESTICIDE ANALYTICAL SEQUENCE

Case Number : 6481 Client Name : OE

GC Column : RTX-5 Column ID : 0.53mm

Instrument ID : HP5890-G

THE ANALYTICAL SEQUENCE FOR BLANKS AND SAMPLES IS GIVEN BELOW:

SURROGATE RT FROM CHECK STANDARD
TCX: 6.10 DCB: 28.98

	LAB FILE ID.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	>G4768	PBLK21	12/09/99	22:58	6.09	28.99
02	>G4769	PBLK21MS	12/09/99	23:35	6.09	28.98
03	>G4774	9912994	12/10/99	02:41	6.08	28.97
04	>G4775	9912996	12/10/99	03:18	6.08	28.97
05	>G4776	9912995	12/10/99	03:55	6.15 *	28.97
06						
07						
08						
09						
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27						
28						
29						
30						

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

ACCREDITED LABORATORIES, INC.
PESTICIDE ANALYTICAL SEQUENCE

Case Number : 6481 Client Name : OE

GC Column : RTX-1701 Column ID : 0.53mm

Instrument ID : HP5890-H

THE ANALYTICAL SEQUENCE FOR BLANKS AND SAMPLES IS GIVEN BELOW:

SURROGATE RT FROM CHECK STANDARD
TCX: 4.46 DCB: 26.46

	LAB FILE ID.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	>H4768	PBLK21	12/09/99	23:35	4.46	26.45
02	>H4769	PBLK21MS	12/10/99	00:12	4.46	26.45
03	>H4774	9912994	12/10/99	03:18	4.46	26.44
04	>H4775	9912996	12/10/99	03:55	4.46	26.44
05	>H4776	9912995	12/10/99	04:33	4.53 *	26.44
06						
07						
08						
09						
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27						
28						
29						
30						

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

ACCREDITED LABORATORIES, INC.
PCB ANALYTICAL SEQUENCE

Case Number : 6481 Client Name : OE

GC Column : RTX-5 Column ID : 0.53mm

Instrument ID : HP5890-G

THE ANALYTICAL SEQUENCE FOR BLANKS AND SAMPLES IS GIVEN BELOW:

SURROGATE RT FROM CHECK STANDARD
TCX: 6.07 DCB: 28.98

	LAB FILE ID.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	>G4731	PBLK17	12/07/99	18:47	6.07	28.97
02	>G4732	PBLK17MS	12/07/99	19:24	6.07	28.98
03	>G4733	PBLK17-A	12/07/99	20:01	6.07	28.98
04	>G4744	9912994	12/08/99	02:48	6.12	29.04
05	>G4745	9912996	12/08/99	03:25	6.07	28.99
06	>G4746	9912997	12/08/99	04:02	6.08	28.99
07	>G4747	9912998	12/08/99	04:39	6.07	29.00
08	>G4748	9912999	12/08/99	05:16	6.08	28.99
09	>G4749	9912999MS	12/08/99	05:53	6.08	28.99
10	>G4750	9912999MSD	12/08/99	06:30	6.08	28.99
11	>G4751	9913000	12/08/99	07:07	6.08	28.99
12	>G4752	9912995	12/08/99	07:44	6.17 *	28.99
13	>G4755	9912994DL	12/08/99	11:46	6.05	29.01
14	>G4756	9912996DL	12/08/99	15:07	6.13 *	29.03
15	>G4757	9912997DL	12/08/99	15:44	6.08	29.01
16	>G4758	9912998DL	12/08/99	16:21	6.06	29.06
17	>G4759	9912999DL	12/08/99	16:58	6.08	29.02
18	>G4760	9912999MSD	12/08/99	17:36	6.08	29.07
19	>G4761	9912999MSD	12/08/99	18:13	6.08	29.03
20	>G4762	9913000DL	12/08/99	18:51	6.08	29.04
21	>G4763	9912994DL2	12/08/99	19:28	0.00 *	0.00 *
22						
23						
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26						
27						
28						
29						
30						

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

ACCREDITED LABORATORIES, INC.
PCB ANALYTICAL SEQUENCE

Case Number : 6481 Client Name : OE

GC Column : RTX-1701 Column ID : 0.53mm

Instrument ID : HP5890-H

THE ANALYTICAL SEQUENCE FOR BLANKS AND SAMPLES IS GIVEN BELOW:

SURROGATE RT FROM CHECK STANDARD
TCX: 4.45 DCB: 26.47

	LAB FILE ID.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	>H4731	PBLK17	12/07/99	19:24	4.45	26.47
02	>H4732	PBLK17MS	12/07/99	20:01	4.45	26.47
03	>H4733	PBLK17-A	12/07/99	20:38	4.45	26.47
04	>H4744	9912994	12/08/99	03:25	4.50	26.52
05	>H4745	9912996	12/08/99	04:02	4.45	26.49
06	>H4746	9912997	12/08/99	04:39	4.46	26.48
07	>H4747	9912998	12/08/99	05:16	4.45	26.48
08	>H4748	9912999	12/08/99	05:53	4.46	26.48
09	>H4749	9912999MS	12/08/99	06:30	4.46	26.48
10	>H4750	9912999MSD	12/08/99	07:07	4.46	26.48
11	>H4751	9913000	12/08/99	07:44	4.46	26.48
12	>H4752	9912995	12/08/99	08:22	4.56 *	26.48
13	>H4755	9912994DL	12/08/99	15:07	0.00 *	26.48
14	>H4756	9912996DL	12/08/99	15:44	4.47	26.49
15	>H4757	9912997DL	12/08/99	16:21	4.47	26.49
16	>H4758	9912998DL	12/08/99	16:58	4.47	26.48
17	>H4759	9912999DL	12/08/99	17:36	4.47	26.48
18	>H4760	9912999MSD	12/08/99	18:13	4.47	26.49
19	>H4761	9912999MSD	12/08/99	18:51	4.46	26.49
20	>H4762	9913000DL	12/08/99	19:28	4.47	26.49
21	>H4763	9912994DL2	12/08/99	20:05	0.00 *	0.00 *
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

146

ACCREDITED LABORATORIES, INC.
PESTICIDE DDT / ENDRIN BREAKDOWN SUMMARY

Lab Sample :	DDT/ENDRIN	Date Analyzed :	12/09/99
Data File :	>G4764	Time Analyzed :	20:29
GC Column :	RTX-5	Column ID :	0.53mm
Instrument ID :	HP5890-G		

4,4'-DDT % breakdown : 15.4

Endrin % breakdown : 0.0

Combined % breakdown : 15.4

ACCREDITED LABORATORIES, INC.
PESTICIDE DDT / ENDRIN BREAKDOWN SUMMARY

Lab Sample :	DDT/ENDRIN	Date Analyzed :	12/09/99
Data File :	>H4764	Time Analyzed :	21:06
GC Column :	RTX-1701	Column ID :	0.53mm
Instrument ID :	HP5890-H		

4,4'-DDT % breakdown : 0.0

Endrin % breakdown : 0.0

Combined % breakdown : 0.0

ACCREDITED LABORATORIES, INC.
TCLP PESTICIDE MATRIX SPIKE RECOVERY

Matrix Spike Sample No.: PBLK21

Date Extracted: 12/09/99

Data File: >G4769

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC
G-BHC (Lindane)	.020	.000	.014	72
Heptachlor	.020	.000	.013	67
Heptachlor Epoxide	.020	.000	.019	97
Endrin	.020	.000	.019	94
Methoxychlor	.020	.000	.015	76
A-Chlordane	.004	.000	.007	172
G-Chlordane	.004	.000	.003	79
Toxaphene	.040	.000	.036	89

ACCREDITED LABORATORIES, INC.
TCLP PESTICIDE MATRIX SPIKE RECOVERY

Matrix Spike Sample No.: 9913211

Date Extracted: 12/09/99

Data File: >G4773

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC
G-BHC (Lindane)	.020	.000	.015	76
Heptachlor	.020	.000	.014	71
Heptachlor Epoxide	.020	.000	.020	99
Endrin	.020	.000	.018	93
Methoxychlor	.020	.000	.017	84
A-Chlordane	.004	.000	.006	141
G-Chlordane	.004	.000	.003	79
Toxaphene	.040	.000	.039	97

ACCREDITED LABORATORIES, INC.
TCLP HERBICIDE MATRIX SPIKE RECOVERY

Matrix Spike Sample No.: 9913211

Date Extracted: 12/08/99

Data File: >A0602

COMPOUND	SPIKE ADDED (mg/l)	SAMPLE CONCENTRATION (mg/l)	MS CONCENTRATION (mg/l)	MS % REC
2,4'-D	.500	.000	.247	49
SILVEX	.500	.000	.379	76

ACCREDITED LABORATORIES, INC.
SOIL PCB BLANK SPIKE

Matrix Spike Sample Number: PBLK17

Sample Data File: >G4731

Date Extracted: 12/03/99

MS Data File: >G4732

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC ** LIMITS REC
Aroclor-1260	333	0.000	346	104	40-140

Column used to flag recovery values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits

** Values were generated within ALI for advisory purposes only

COMMENTS: _____

ACCREDITED LABORATORIES, INC.
SOIL PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike Sample Number: 9912999

Sample Data File: >G4748

Date Extracted: 12/03/99

MS Data File: >G4749

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC ** LIMITS REC
Aroclor-1260	333	0.000	9712	*** *	40-140

MSD Data File: >G4750

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS ** RPD	REC
Aroclor-1260	333	23429	*** *	83 *	25	40-140

Column used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 1 out of 1 outside limits
Spike Recovery: 2 out of 2 outside limits

** Values were generated within ALI for advisory purposes only

COMMENTS: High concentration of Aroclor-1254 resulting in spike compound out of range.

ACCREDITED LABORATORIES, INC.
TCLP PESTICIDES ANALYSIS DATA

CASE NUMBER		MATRIX	Leachate
SAMPLE NUMBER	PBLK21	DILUTION FACTOR	50
DATA FILE	>G4768	DATE EXTRACTED	12/09/99
CLIENT NAME		DATE ANALYZED	12/09/99
FIELD ID		ANALYZED BY	JEFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
58-89-9	G-BHC (Lindane)	U	.001	0.400
76-44-8	Heptachlor	U	.001	0.008
1024-57-3	Heptachlor Epoxide	U	.001	0.008
72-20-8	Endrin	U	.002	0.02
72-43-5	Methoxychlor	U	.010	10.0
5103-71-9	A-Chlordane	U	.001	0.03
5103-74-2	G-Chlordane	U	.001	0.03
8001-35-2	Toxaphene	U	.050	0.5

SURROGATE COMPOUNDS	RECOVERY	ADVISORY LIMITS	STATUS
DCB	84%	30 - 150	OK
Tetrachloro-m-xylene	71%	30 - 150	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
TCLP HERBICIDE ANALYSIS DATA

CASE NUMBER		MATRIX	Leachate
SAMPLE NUMBER	HBLK12	DILUTION FACTOR	1
DATA FILE	>A0597	DATE EXTRACTED	12/08/99
CLIENT NAME		DATE ANALYZED	12/08/99
FIELD ID		ANALYZED BY	JEFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
94757	2,4'-D	U	.100	10.0
93721	SILVEX	U	.010	1.0

U - Indicates compound was analyzed for but not detected

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER		MATRIX	Soil
SAMPLE NUMBER	PBLK17	DILUTION FACTOR	1
DATA FILE	>G4731	DATE EXTRACTED	12/03/99
CLIENT NAME		DATE ANALYZED	12/07/99
FIELD ID		ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	16.7
11104282	Aroclor-1221	U	16.7
11141165	Aroclor-1232	U	16.7
53469219	Aroclor-1242	U	16.7
12672296	Aroclor-1248	U	16.7
11097691	Aroclor-1254	U	16.7
11096825	Aroclor-1260	U	16.7

Percent Solid of 100. is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER		MATRIX	Soil
SAMPLE NUMBER	PBLK17-A	DILUTION FACTOR	1
DATA FILE	>G4733	DATE EXTRACTED	12/03/99
CLIENT NAME		DATE ANALYZED	12/07/99
FIELD ID		ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	16.7
11104282	Aroclor-1221	U	16.7
11141165	Aroclor-1232	U	16.7
53469219	Aroclor-1242	U	16.7
12672296	Aroclor-1248	U	16.7
11097691	Aroclor-1254	U	16.7
11096825	Aroclor-1260	U	16.7

Percent Solid of 100. is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
INITIAL CALIBRATION

Initial Calibration Source: PE/LEEMAN

Concentration Units: µg/L

Analyte	Initial Calibration True	Found	% Rec	Date	Method
Arsenic	7500.0	7440.00	99.2	12/10/99	P
Barium	7500.0	7880.00	105.1	12/10/99	P
Cadmium	7500.0	7690.00	102.5	12/10/99	P
Chromium	7500.0	7190.00	95.9	12/10/99	P
Lead	7500.0	7330.00	97.7	12/10/99	P
Mercury	4.0	3.24	81.0	12/03/99	CV
Selenium	7500.0	7740.00	103.2	12/10/99	P
Silver	750.0	728.00	97.1	12/10/99	P

Control Limits:

Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115

ALI FORM II (Part I) - INORGANICS

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
CONTINUING CALIBRATION VERIFICATION

Initial Calibration Source: PE/LEEMAN

Continuing Calibration Source: ALI

Concentration Units: µg/L

Analyte	Continuing Calibration(s) True	Found 1	% Rec	Date 1	Found 2	% Rec	Date 2	M
Arsenic	5000.0	5350.00	107.0	12/10/99	5140.00	102.8	12/10/99	P
Barium	5000.0	5210.00	104.2	12/10/99	5190.00	103.8	12/10/99	P
Cadmium	5000.0	5180.00	103.6	12/10/99	5160.00	103.2	12/10/99	P
Chromium	5000.0	5060.00	101.2	12/10/99	5150.00	103.0	12/10/99	P
Lead	5000.0	5130.00	102.6	12/10/99	5040.00	100.8	12/10/99	P
Mercury	5.0	5.09	101.8	12/03/99	5.56	111.2	12/03/99	CV
Selenium	5000.0	5140.00	102.8	12/10/99	5260.00	105.2	12/10/99	P
Silver	500.0	515.00	103.0	12/10/99	523.00	104.6	12/10/99	P

Control Limits: Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115

ALI FORM II (Part II) - INORGANICS

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
INITIAL CALIBRATION & PREPARATORY BLANKS

Preparation Blank Matrix: Leachate

Analyte	Initial Calibration Blank (µg/L)		Preparation Blank (µg/L)		Method
	Result	Date	Result	Date	
Arsenic	< 500.0	12/10/99	< 500.0	12/10/99	P
Barium	< 100.0	12/10/99	< 100.0	12/10/99	P
Cadmium	< 50.0	12/10/99	< 50.0	12/10/99	P
Chromium	< 50.0	12/10/99	< 50.0	12/10/99	P
Lead	< 250.0	12/10/99	< 250.0	12/10/99	P
Mercury	< 1.0	12/03/99	< 1.0	12/03/99	CV
Selenium	< 250.0	12/10/99	< 250.0	12/10/99	P
Silver	< 50.0	12/10/99	< 50.0	12/10/99	P

ALI FORM III (Part I) - INORGANICS

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
CONTINUING CALIBRATION BLANKS

Concentration Units: µg/L

Analyte	Continuing Calibration Blank(s) Result 1	Date 1	Result 2	Date 2	Result 3	Date 3	Method
Arsenic	< 500.0	12/10/99	< 500.0	12/10/99			P
Barium	< 100.0	12/10/99	< 100.0	12/10/99			P
Cadmium	< 50.0	12/10/99	< 50.0	12/10/99			P
Chromium	< 50.0	12/10/99	< 50.0	12/10/99			P
Lead	< 250.0	12/10/99	< 250.0	12/10/99			P
Mercury	< 1.0	12/03/99	< 1.0	12/03/99	< 1.0	12/03/99	CV
Selenium	< 250.0	12/10/99	< 250.0	12/10/99			P
Silver	< 50.0	12/10/99	< 50.0	12/10/99			P

ALI FORM III (Part II) - INORGANICS

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
ICP INTERFERENCE CHECK SAMPLE

ICP ID Number: ES-2000 ICS Source: SPEX-3-129AS

Concentration Units: µg/L

Analyte	True		Initial Found			Final Found		
	Sol A	Sol AB	Sol A	Sol AB	% Rec	Sol A	Sol AB	% Rec
Arsenic								
Barium	0.	500.	0.	535.0	107.0	-1.	515.0	103.0
Cadmium	0.	1000.	84.	1140.0	114.0	67.	1070.0	107.0
Chromium	0.	500.	-4.	507.0	101.4	-2.	495.0	99.0
Lead	0.	1000.	157.	1150.0	115.0	76.	970.0	97.0
Mercury								
Selenium								
Silver	0.	1000.	13.	975.0	97.5	2.	932.0	93.2

ALI FORM IV - INORGANICS

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
SPIKE SAMPLE RECOVERY

Sample #: 9912996 Matrix: Leachate

Concentration Units: mg/l

Analyte	Spike Added	Sample Result	Spiked Sample Result	% Recovery	Q	QC Limits %Rec	Date Analyzed	M
Arsenic	4.00	ND	4.40	110.0		75-125	12/10/99	P
Barium	4.00	1.54	5.62	102.0		75-125	12/10/99	P
Cadmium	.10	.280	.358	78.0		75-125	12/10/99	P
Chromium	.40	ND	.408	102.0		75-125	12/10/99	P
Lead	1.50	1.00	2.04	69.3	*	75-125	12/10/99	P
Mercury	2.00	ND	2.19	109.5		75-125	12/03/99	CV
Selenium	4.00	ND	4.46	111.5		75-125	12/10/99	P
Silver	.20	ND	.242	121.0		75-125	12/10/99	P

Comments:
ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by cold vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ALI FORM V (Part I) - INORGANICS

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
SPIKE SAMPLE RECOVERY

Sample #: 9912996 Matrix: Leachate

Concentration Units: mg/l

Analyte	Spike Added	Sample Result	Spiked Sample Result	% Recovery	Q	QC Limits %Rec	Date Analyzed	M
Lead	1.50	1.00	2.14	76.0	_	75-125	12/10/99	P

Comments:
ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by cold vapor
A - Analyzed by flame AA

ALI FORM V (Part I) - INORGANICS

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
DUPLICATES

Sample #: 9912996 Matrix: Leachate

Concentration Units (µG/L, MG/L or MG/KG dry weight): MG/L

Analyte	Control Limit	Sample Result	Duplicate Result	RPD	Q	Date Analyzed	M
Arsenic		ND	ND			12/10/99	P
Barium		1.54	1.55	.6		12/10/99	P
Cadmium	.100	.280	.302	7.6		12/10/99	P
Chromium		ND	ND			12/10/99	P
Lead	.500	1.00	1.07	6.8		12/10/99	P
Mercury		ND	ND			12/03/99	CV
Selenium		ND	ND			12/10/99	P
Silver		ND	ND			12/10/99	P

ND - Element analyzed for but not detected or detected below MDL.

ALI FORM VI - INORGANICS

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
LABORATORY CONTROL SAMPLE

Solid LCS Source: ALI

Aqueous LCS Source: ALI

Analyte	Aqueous (µg/L)					Solid (mg/kg)				
	True	Found	%Rec	Q	M	True	Found	%Rec	Q	M
Arsenic	2000.0	2280.0	114.0		P					
Barium	2000.0	2160.0	108.0		P					
Cadmium	50.0	64.8	129.6		P					
Chromium	200.0	217.0	108.5		P					
Lead	750.0	682.0	90.9		P					
Mercury	2.0	2.2	108.0		CV					
Selenium	2000.0	2280.0	114.0		P					
Silver	75.0	71.3	95.1		P					

ALI FORM VII - INORGANICS

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
ICP SERIAL DILUTION SUMMARY

Sample #: 9912996 Matrix: Leachate

Concentration Units: µg/L

Analyte	MDL	Initial Sample Result	Serial Dilution Result	% Difference	Date Date Analyzed	M
Arsenic	500	ND	ND		12/10/99	P
Barium	100	769	825	7.3	12/10/99	P
Cadmium	50.0	140	181	29.3	12/10/99	P
Chromium	50.0	ND	ND		12/10/99	P
Lead	250	500	710	42.0	12/10/99	P
Selenium	250	ND	ND		12/10/99	P
Silver	50.0	ND	ND		12/10/99	P

ND - Element analyzed for but not detected or detected below MDL.

ALI FORM IX - INORGANICS

10
Instrument Detection Limits (Quarterly)

Lab Name: ACCREDITED_LABS_INC. Contract: _____
Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____
ICP ID Number: ES_2000 Date: 12/01/99
Flame AA ID Number : _____
Furnace AA ID Number : _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.22		200	153.0	P
Antimony	206.83		60	58.4	P
Arsenic	193.70		10	78.0	P
Barium	455.40		200	2.2	P
Beryllium	313.04		5	0.5	P
Cadmium	226.50		5	4.9	P
Calcium	317.93		1000	199.0	P
Chromium	267.72		10	16.4	P
Cobalt	228.62		50	10.6	P
Copper	324.75		30	9.7	P
Iron	259.94		100	73.5	P
Lead	220.35		3	89.7	P
Magnesium	279.08		5000	210.0	P
Manganese	257.61		15	1.1	P
Mercury			0.2		NR
Nickel	231.60		40	13.6	P
Potassium	766.49		5000	739.0	P
Selenium	196.03		5	134.0	P
Silver	328.07		10	9.2	P
Sodium	589.00		1000	259.0	P
Thallium	190.80		10	283.0	P
Vanadium	292.40		50	7.2	P
Zinc	213.86		100	19.7	P
Cyanide			10		NR

Comments:

10

Instrument Detection Limits (Quarterly)

Lab Name: ACCREDITED LABS INC. Contract:
Lab Code: Case No.: SAS No.: SDG No.:
ICP ID Number: Date: 12/01/99
Flame AA ID Number : PS200
Furnace AA ID Number :

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum			200		NR
Antimony			60		NR
Arsenic			10		NR
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			1000		NR
Chromium			10		NR
Cobalt			50		NR
Copper			30		NR
Iron			100		NR
Lead			3		NR
Magnesium			5000		NR
Manganese			15		NR
Mercury	253.60	BD	0.2	0.1	CV
Nickel			40		NR
Potassium			5000		NR
Selenium			5		NR
Silver			10		NR
Sodium			1000		NR
Thallium			10		NR
Vanadium			50		NR
Zinc			100		NR
Cyanide			10		NR

Comments:

U.S. EPA - CLP

11A

ICP Interelement Correction Factors (Annually)

Lab Name: ACCREDITED_LABS_INC._____ Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

ICP ID Number: ES 2000_____ Date: 01/14/99

Analyte	Wave-length (nm)	Interelement Correction Factors for : Al	Ca	Fe	Mg	CR_
Aluminum	308.22	0.0000000	0.0003000	-0.0001000	0.0000000	-0.0013000
Antimony	206.83	0.0000000	0.0000000	-0.0001000	0.0000000	0.0018000
Arsenic	193.70	0.0001000	0.0000000	-0.0004000	0.0000000	0.0001000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0001000	0.0000000	0.0000000
Calcium	317.93	0.0003000	0.0000000	0.0001100	0.0001000	0.0001000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0001000	0.0000000	0.0000000	0.0001000	0.0001000
Lead	220.35	-0.0002000	0.0000000	0.0001000	0.0000000	-0.0002000
Magnesium	279.08	0.0000000	0.0000000	-0.0001000	0.0000000	0.0002000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0003000	0.0003000	-0.0002000	0.0000000	0.0000000
Selenium	196.03	0.0001000	0.0001000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.00	0.0024000	0.0016000	0.0012200	0.0018000	0.0015000
Thallium	190.80	0.0000000	0.0000000	0.0000000	0.0001000	0.0002000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	-0.0004000
Zinc	213.86	0.0001000	0.0002000	0.0001000	0.0001000	0.0000000
Cyanide						
						-0.0000036

Comments:

_____

_____

_____

U.S. EPA - CLP

12
ICP Linear Ranges (Quarterly)

Lab Name: ACCREDITED_LABS_INC._____ Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

ICP ID Number: ES 2000_____ Date: 12/02/99

Analyte	Integ. Time (sec.)	Concentration (ug/L)	M
Aluminum	5.00	500000.0	P
Antimony	5.00	100000.0	P
Arsenic	5.00	100000.0	P
Barium	5.00	100000.0	P
Beryllium	5.00	100000.0	P
Cadmium	5.00	100000.0	P
Calcium	5.00	500000.0	P
Chromium	5.00	100000.0	P
Cobalt	5.00	100000.0	P
Copper	5.00	100000.0	P
Iron	5.00	500000.0	P
Lead	5.00	100000.0	P
Magnesium	5.00	500000.0	P
Manganese	5.00	100000.0	P
Mercury			NR
Nickel	5.00	100000.0	P
Potassium	5.00	100000.0	P
Selenium	5.00	100000.0	P
Silver	5.00	1000.0	P
Sodium	5.00	200000.0	P
Thallium	5.00	100000.0	P
Vanadium	5.00	100000.0	P
Zinc	5.00	100000.0	P
Cyanide			

Comments:

ACCREDITED LABORATORIES, INC.
PREPARATION LOG

Method: ICP

Case No.: 6481

Lab Sample No	Field ID	Preparation Date	Initial Weight (g)	Initial Volume (ml)	Final Volume (ml)
PBL916	PREPBLANK	12/03/99		100	100
LCSW916	LCS	12/03/99		100	100
9912996	SP-1	12/03/99		50	100
9912996L		12/03/99		50	100
9912996D		12/03/99		50	100
9912996SA		12/03/99		50	100
9912996SB		12/03/99		50	100
9912994	DCOMP-1	12/03/99		50	100
9912995	DCOMP-2	12/03/99		50	100

ALI FORM XIII - INORGANICS

ACCREDITED LABORATORIES, INC.
PREPARATION LOG

Method: Cold Vapor

Case No.: 6481

Lab Sample No	Field ID	Preparation Date	Initial Weight (g)	Initial Volume (ml)	Final Volume (ml)
PBL916	PREPBLANK	12/03/99		100	100
LCSW916	LCS	12/03/99		100	100
9912996	SP-1	12/03/99		50	100
9912996D		12/03/99		50	100
9912996SA		12/03/99		50	100
9912996SB		12/03/99		50	100
9912994	DCOMP-1	12/03/99		50	100
9912995	DCOMP-2	12/03/99		10	100

ALI FORM XIII - INORGANICS

ACCREDITED LABORATORIES, INC.
GENERAL CHEMISTRY DUPLICATE SAMPLE RESULTS SUMMARY

Matrix: Soil

ANALYTES	SAMPLE #	ORIGINAL SAMPLE CONCENTRATION	UNITS	DUPICATE SAMPLE CONCENTRATION	RPD	QC LIMITS
Flash Point	9912995	170	°F	160	6.1	20%
PH	9912995	6.86	S.U.	6.79	1.0	20%
Cyanide, Reactive	9912996	ND	mg/Kg	ND	.0	20%
Sulfide, Reactive	9912996	ND	mg/Kg	ND	.0	20%

Initial Calibration Data
HSL Compounds

Case No: Instrument ID: GC/FID #3

Contractor: ACCREDITED LABS INC. Calibration Date: 07/08/98

Contract No: C3DROA

Minimum $\overline{RF}$ for SPCC is 10000 Maximum % RSD for CCC is 25%

Comp No.	Compound	Laboratory ID: >K7827 RF 1.00	>K7826 RF 5.00	>K7825 RF 10.00	>K7824 RF 20.00	>K7823 RF 50.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CORR1	CCC	SPCC
1)	Decane	12417.0	8476.80	8918.10	9514.60	9135.16	8.637	9692.33	16.185	.999700		
2)	Dodecane	10227.0	9438.40	9722.80	9973.40	9198.52	11.222	9712.03	4.221	.999371		
3)	Tetradecane	8663.00	8149.80	8657.20	9317.95	8979.18	13.502	8753.43	4.952	.999734		
4)	Hexadecane	18300.0	15603.8	12997.5	11684.9	9998.54	15.567	13717.0	23.913	.997704		
5)	Octadecane	16740.0	13045.4	11600.3	10820.8	9599.24	17.442	12361.1	22.237	.998913		
6)	Ortho-terphenyl	14663.0	11659.2	11422.0	11345.6	10507.1	18.632	11919.4	13.375	.999574		
7)	Eicosane	13372.0	12031.8	11013.1	10551.9	9544.72	19.152	11302.7	12.936	.999178		
8)	Decosane	15799.0	11213.4	10514.4	10348.2	9530.64	20.710	11481.1	21.661	.999610		
9)	Tetracosane	15905.0	10962.8	10954.5	10285.4	9378.60	22.143	11497.3	22.160	.999353		
10)	Hexacosane	11875.0	10256.0	10026.4	10066.2	9337.52	23.477	10312.2	9.120	.999562		
11)	Octacosane	12967.0	10364.8	10018.3	10026.0	9295.48	24.838	10534.3	13.430	.999598		

RF - Response Factor (Subscript is amount in MG/L)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CORRn - Coefficient of Correlation (nth degree)

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No:

Contractor: ACCREDITED LABS INC.

Contract No: C3DROA

Instrument ID: GC/FID #3

Calibration Date: 12/08/99

Time: 12:37

Laboratory ID: >K8819

Initial Calibration Date: 07/08/98

Minimum $\overline{RF}$ for SPCC is 10000 Maximum % Diff for CCC is 25%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC
Decane	9692.33	9365.55	3.37		
Dodecane	9712.03	10353.9	6.61		
Tetradecane	8753.43	10456.3	19.45		
Hexadecane	13717.0	15641.7	14.03		
Octadecane	12361.1	11379.1	7.94		
Ortho-terphenyl	11919.4	13704.7	14.98		
Eicosane	11302.7	12830.6	13.52		
Decosane	11481.1	12654.8	10.22		
Tetracosane	11497.3	11267.1	2.00		
Hexacosane	10312.2	11851.3	14.92		
Octacosane	10534.3	11905.4	13.02		

RF - Response Factor from daily standard file at 20.00 MG/L

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

176

ACCREDITED LABORATORIES, INC.
SOIL DRO TPHC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike Sample Number: 9912996

Sample Data File: >K8829

Date Extracted: 12/08/99

MS Data File: >K8830

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC #	QC LIMITS REC
Diesel Fuel #2	23.3	00.0	87.2	374 *	60-120

MSD Data File: >K8831

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
Diesel Fuel #2	23.3	118	506 *	30.0*	20	60-120

Column used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 1 out of 1 outside limits
Spike Recovery: 2 out of 2 outside limits

** Values were generated within ALI for advisory purposes only

COMMENTS: Very high matrix interference contributing to high recoveries.

107

Operator ID: ROBERT
Output File: ^A5124::D5
Data File: >A5124::D2
Name: VSTD010
Misc:

Quant Rev: 7 Quant Time: 991208 14:47
Injected at: 991208 14:12
Dilution Factor: 1.00000
Instrument ID: HP5970BA

ID File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33 Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Pentafluorobenzene	12.39	168.0	139567	50.00	ug/l	100
2)	Acrolein	5.54	56.0	1953	33.31	ug/l	91
3)	Acrylonitrile	7.94	53.0	8268	44.09	ug/l	96
4)	Acetone	5.95	43.0	1448	9.82	ug/l	99
5)	Dichlorodifluoromethane	3.04	85.0	7203	4.45	ug/l	100
6)	Chloromethane	3.31	50.0	6778	6.73	ug/l	100
7)	Vinyl Chloride	3.45	62.0	6247	6.83	ug/l	100
8)	Bromomethane	3.99	94.0	7183	9.34	ug/l	100
9)	Chloroethane	4.18	64.0	3553	10.15	ug/l	100
10)	Trichlorofluoromethane	4.54	101.0	18844	9.13	ug/l	100
11)	1,1-Dichloroethene	5.58	61.0	14269	8.21	ug/l	100
12)	Carbon disulfide	5.99	76.0	8706	6.85	ug/l	100
13)	Methylene Chloride	6.94	49.0	17879	11.16	ug/l	97
14)	trans-1,2-Dichloroethene	7.53	61.0	15099	8.55	ug/l	100
15)	1,1-Dichloroethane	8.99	63.0	19356	8.72	ug/l	71
16)	Vinyl acetate	9.30	43.0	11880	8.58	ug/l	99
17)	2,2-Dichloropropane	10.62	77.0	11646	9.21	ug/l	97
18)	2-Butanone	11.03	43.0	3294M	9.03	ug/l	
19)	cis-1,2-dichloroethene	10.76	61.0	19579	8.93	ug/l	83
20)	Chloroform	11.71	83.0	26535	9.36	ug/l	86
21)	Bromochloromethane	11.39	130.0	10412	8.18	ug/l	99
22)	1,1,1-Trichloroethane	11.94	97.0	18125	8.62	ug/l	96
23)	T-butyl alcohol	7.62	59.0	6798	93.82	ug/l	100
24)	*1,4-Difluorobenzene	14.16	114.0	181334	50.00	ug/l	89
25)	1,2-Dichloroethane-d4	13.03	65.0	11056	8.89	ug/l	88
26)	1,1-Dichloropropene	12.39	75.0	31513M	13.02	ug/l	69
27)	Carbon Tetrachloride	12.25	117.0	13856M	6.57	ug/l	99
28)	1,2-Dichloroethane	13.25	62.0	12767	9.09	ug/l	93
29)	Benzene	12.89	78.0	33286	9.58	ug/l	100
30)	Trichloroethene	14.66	95.0	15918	9.03	ug/l	100
31)	1,2-Dichloropropane	15.34	63.0	13440	9.25	ug/l	100
32)	Bromodichloromethane	16.07	83.0	22717	8.69	ug/l	100
33)	Dibromomethane	15.61	174.0	11771M	9.05	ug/l	
34)	2-Chloroethylvinylether	16.93	63.0	4911	8.01	ug/l	92
35)	cis-1,3-dichloropropene	17.20	75.0	18034	8.41	ug/l	93
36)	Toluene-d8	17.66	98.0	33867	9.35	ug/l	95
37)	Toluene	17.79	91.0	37726	9.44	ug/l	89
38)	trans-1,3-Dichloropropene	18.66	75.0	13938	8.99	ug/l	85
39)	1,1,2-Trichloroethane	19.06	83.0	11345	9.97	ug/l	87
40)	4-Methyl-2-pentanone	17.66	43.0	9628	10.31	ug/l	100

Operator ID: ROBERT
Output File: ^A5124::D5
Data File: >A5124::D2
Name: VSTD010
Misc:

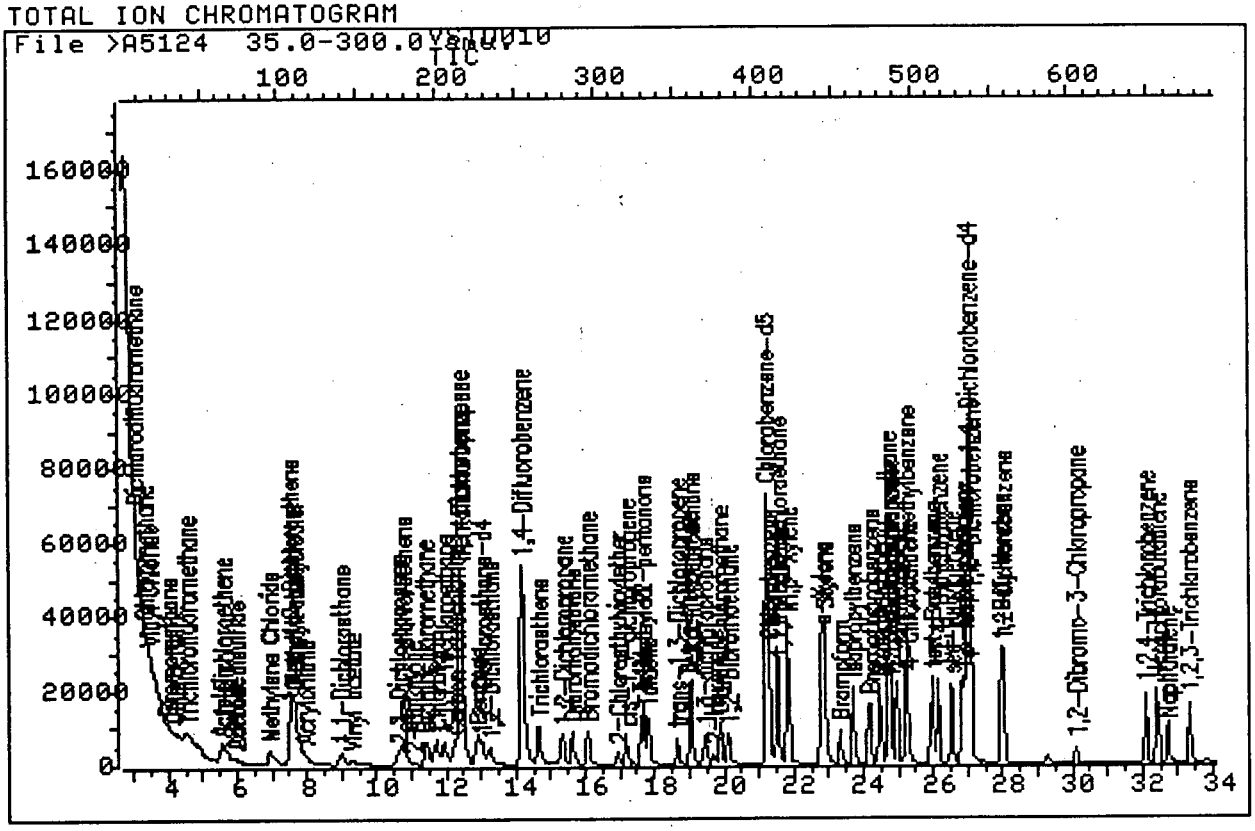
Quant Rev: 7 Quant Time: 991208 14:47
Injected at: 991208 14:12
Dilution Factor: 1.00000
Instrument ID: HP5970BA

ID File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33 Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
41)	1,2-Dibromoethane	20.11	107.0	19672	9.37	ug/l	98
42)	Bromofluorobenzene	24.19	95.0	25389	9.61	ug/l	78
43)	*Chlorobenzene-d5	21.20	117.0	145476	50.00	ug/l	100
44)	2-Hexanone	19.70	43.0	6305	10.12	ug/l	100
45)	1,3-dichloropropane	19.43	76.0	20156	9.56	ug/l	85
46)	Tetrachloroethene	19.02	166.0	16711	9.47	ug/l	86
47)	Dibromochloromethane	19.88	129.0	18477	8.26	ug/l	100
48)	Ethylbenzene	21.52	91.0	47816M	10.21	ug/l	72
49)	Chlorobenzene	21.29	112.0	31052	9.63	ug/l	100
50)	1,1,1,2-Tetrachloroethane	21.56	131.0	14987	9.29	ug/l	100
51)	m,p-Xylene	21.83	91.0	78325	20.13	ug/l	99
52)	o-Xylene	22.79	91.0	78632	20.21	ug/l	100
53)	Styrene	22.88	104.0	53921	19.24	ug/l	100
54)	Bromoform	23.33	173.0	12095	8.07	ug/l	100
55)	*1,4-Dichlorobenzene-d4	27.01	152.0	87254	50.00	ug/l	97
56)	Isopropylbenzene	23.69	105.0	49709	9.44	ug/l	76
57)	1,1,2,2-Tetrachloroethane	24.69	83.0	21734	9.72	ug/l	84
58)	1,2,3-Trichloropropane	24.78	110.0	4949	9.25	ug/l	93
59)	n-Propyl benzene	24.74	91.0	65236	10.31	ug/l	99
60)	Bromobenzene	24.47	77.0	33945	9.78	ug/l	100
61)	1,3,5-Trimethylbenzene	25.24	105.0	42291	9.92	ug/l	95
62)	2-Chlorotoluene	24.97	91.0	45150M	9.60	ug/l	81
63)	4-Chlorotoluene	25.28	91.0	51012	10.16	ug/l	89
64)	tert-Butylbenzene	25.96	119.0	42672	9.45	ug/l	100
65)	1,2,4-Trimethylbenzene	26.15	105.0	43343	9.65	ug/l	83
66)	sec-Butylbenzene	26.51	105.0	62066	9.73	ug/l	94
67)	p-Isopropyltoluene	26.92	119.0	48413	9.76	ug/l	92
68)	1,3-Dichlorobenzene	26.83	146.0	28109M	9.61	ug/l	94
69)	1,4-Dichlorobenzene	27.10	146.0	29147	9.73	ug/l	94
70)	n-Butylbenzene	27.96	91.0	52429	9.79	ug/l	95
71)	1,2-Dichlorobenzene	28.01	146.0	27184	9.75	ug/l	96
72)	1,2-Dibromo-3-Chloropropane	30.09	157.0	3597M	7.36	ug/l	
73)	1,2,4-Trichlorobenzene	32.09	180.0	18736	8.98	ug/l	100
74)	Hexachlorobutadiene	32.41	225.0	11790	9.41	ug/l	96
75)	Naphthalene	32.68	128.0	32134	8.49	ug/l	100
76)	1,2,3-Trichlorobenzene	33.32	180.0	16688	8.87	ug/l	100
77)	Methyl t-butyl ether	7.62	73.0	124501	99.16	ug/l	97

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >A5124::D2 Quant Output File: ^A5124::D5
Name: VSTD010 Instrument ID: HP5970BA
Misc:

Id File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33 Last Qcal Time: <none>

Operator ID: ROBERT
Quant Time : 991208 14:47
Injected at: 991208 14:12

Operator ID: ROBERT
Output File: ^A5123::D5
Data File: >A5123::D2
Name: VSTD020
Misc:

Quant Rev: 7 Quant Time: 991208 14:06
Injected at: 991208 13:31
Dilution Factor: 1.00000
Instrument ID: HP5970BA

ID File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33 Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Pentafluorobenzene	12.39	168.0	161407	50.00	ug/l	100
2)	Acrolein	5.54	56.0	5205	76.75	ug/l	96
3)	Acrylonitrile	7.94	53.0	18081	83.36	ug/l	92
4)	Acetone	5.95	43.0	3227	18.92	ug/l	99
5)	Dichlorodifluoromethane	3.00	85.0	19389	10.37	ug/l	100
6)	Chloromethane	3.27	50.0	16943	14.56	ug/l	100
7)	Vinyl Chloride	3.45	62.0	15932	15.05	ug/l	100
8)	Bromomethane	3.95	94.0	17086	19.21	ug/l	100
9)	Chloroethane	4.18	64.0	9291	22.94	ug/l	100
10)	Trichlorofluoromethane	4.54	101.0	46233	19.37	ug/l	100
11)	1,1-Dichloroethene	5.58	61.0	33639	16.74	ug/l	100
12)	Carbon disulfide	5.95	76.0	23717	16.13	ug/l	100
13)	Methylene Chloride	6.94	49.0	33608	18.14	ug/l	98
14)	trans-1,2-Dichloroethene	7.54	61.0	35971	17.61	ug/l	100
15)	1,1-Dichloroethane	9.03	63.0	44543	17.35	ug/l	70
16)	Vinyl acetate	9.31	43.0	25793	16.12	ug/l	99
17)	2,2-Dichloropropane	10.62	77.0	27472	18.78	ug/l	99
18)	2-Butanone	11.03	43.0	6623	15.70	ug/l	85
19)	cis-1,2-dichloroethene	10.76	61.0	45021	17.75	ug/l	81
20)	Chloroform	11.71	83.0	57564	17.56	ug/l	86
21)	Bromochloromethane	11.39	130.0	25184	17.11	ug/l	83
22)	1,1,1-Trichloroethane	11.94	97.0	42654	17.54	ug/l	90
23)	T-butyl alcohol	7.63	59.0	13275	158.43	ug/l	100
24)	*1,4-Difluorobenzene	14.16	114.0	191788	50.00	ug/l	91
25)	1,2-Dichloroethane-d4	13.07	65.0	24021	18.27	ug/l	91
26)	1,1-Dichloropropene	12.39	75.0	53944	21.08	ug/l	80
27)	Carbon Tetrachloride	12.26	117.0	35714M	16.02	ug/l	98
28)	1,2-Dichloroethane	13.26	62.0	27558	18.56	ug/l	94
29)	Benzene	12.94	78.0	71398	19.43	ug/l	100
30)	Trichloroethene	14.66	95.0	34994	18.76	ug/l	100
31)	1,2-Dichloropropane	15.34	63.0	27961	18.19	ug/l	100
32)	Bromodichloromethane	16.07	83.0	51983	18.81	ug/l	100
33)	Dibromomethane	15.62	174.0	27927	20.30	ug/l	83
34)	2-Chloroethylvinylether	16.98	63.0	11419	17.61	ug/l	92
35)	cis-1,3-dichloropropene	17.20	75.0	40553	17.88	ug/l	95
36)	Toluene-d8	17.66	98.0	73842	19.28	ug/l	95
37)	Toluene	17.84	91.0	82036	19.42	ug/l	91
38)	trans-1,3-Dichloropropene	18.66	75.0	32069	19.55	ug/l	88
39)	1,1,2-Trichloroethane	19.07	83.0	24370	20.25	ug/l	86
40)	4-Methyl-2-pentanone	17.66	43.0	18874	19.12	ug/l	100

Operator ID: ROBERT
Output File: ^A5123::D5
Data File: >A5123::D2
Name: VSTD020
Misc:

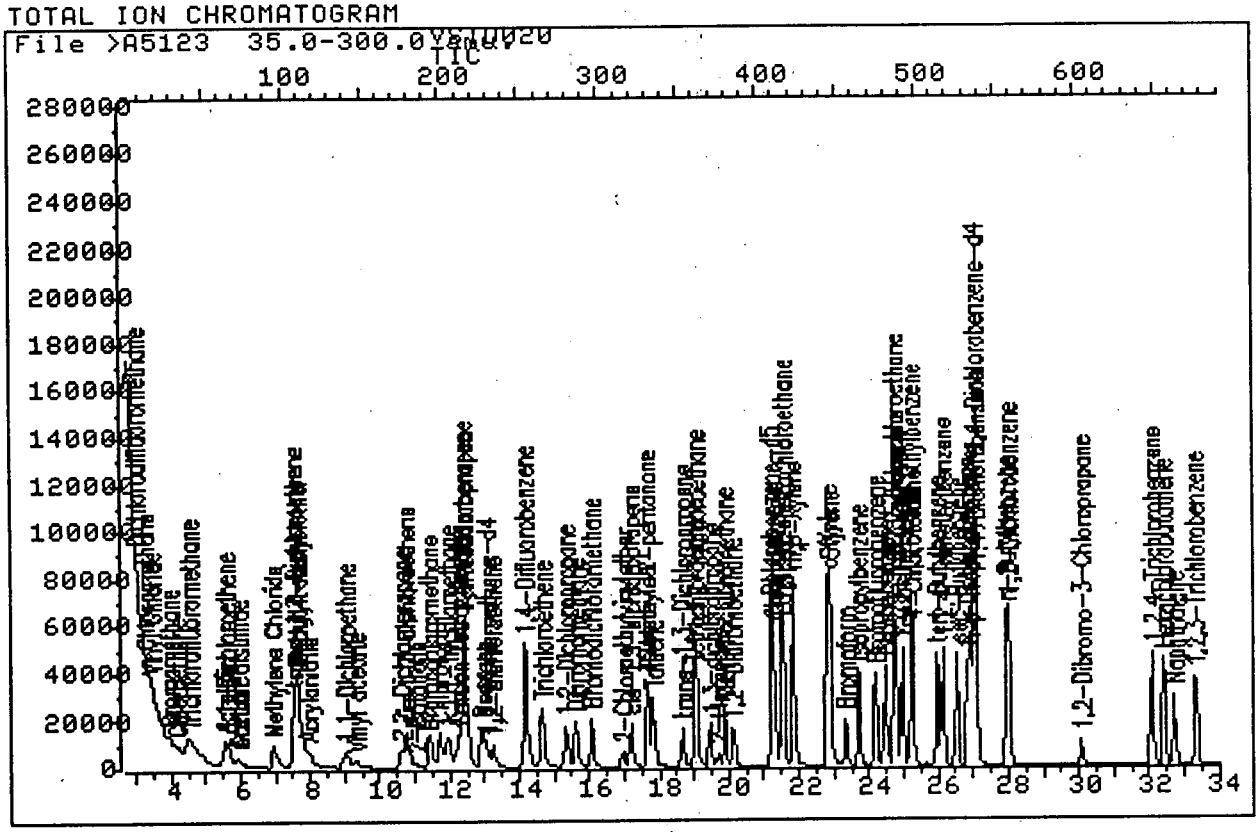
Quant Rev: 7 Quant Time: 991208 14:06
Injected at: 991208 13:31
Dilution Factor: 1.00000
Instrument ID: HP5970BA

ID File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33 Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
41)	1,2-Dibromoethane	20.11	107.0	43061	19.38	ug/l	99
42)	Bromofluorobenzene	24.20	95.0	55674	19.93	ug/l	82
43)	*Chlorobenzene-d5	21.20	117.0	156678	50.00	ug/l	100
44)	2-Hexanone	19.70	43.0	12194	18.18	ug/l	100
45)	1,3-dichloropropane	19.47	76.0	41590	18.32	ug/l	84
46)	Tetrachloroethene	19.02	166.0	38706	20.37	ug/l	86
47)	Dibromochloromethane	19.88	129.0	43315	17.98	ug/l	100
48)	Ethylbenzene	21.52	91.0	100713M	19.97	ug/l	70
49)	Chlorobenzene	21.29	112.0	66033	19.01	ug/l	100
50)	1,1,1,2-Tetrachloroethane	21.56	131.0	33573	19.32	ug/l	100
51)	m,p-Xylene	21.83	91.0	168145	40.13	ug/l	98
52)	o-Xylene	22.83	91.0	167583	40.00	ug/l	100
53)	Styrene	22.88	104.0	118545	39.27	ug/l	100
54)	Bromoform	23.33	173.0	30442	18.86	ug/l	100
55)	*1,4-Dichlorobenzene-d4	27.06	152.0	97488	50.00	ug/l	92
56)	Isopropylbenzene	23.70	105.0	107955	18.35	ug/l	76
57)	1,1,2,2-Tetrachloroethane	24.74	83.0	46446	18.60	ug/l	83
58)	1,2,3-Trichloropropane	24.79	110.0	10718	17.93	ug/l	98
59)	n-Propyl benzene	24.74	91.0	139078	19.68	ug/l	99
60)	Bromobenzene	24.47	77.0	72850	18.79	ug/l	100
61)	1,3,5-Trimethylbenzene	25.24	105.0	90343	18.98	ug/l	92
62)	2-Chlorotoluene	24.97	91.0	97047M	18.47	ug/l	86
63)	4-Chlorotoluene	25.29	91.0	106219	18.94	ug/l	94
64)	tert-Butylbenzene	25.97	119.0	94293	18.69	ug/l	100
65)	1,2,4-Trimethylbenzene	26.15	105.0	92450	18.42	ug/l	82
66)	sec-Butylbenzene	26.56	105.0	132943	18.66	ug/l	93
67)	p-Isopropyltoluene	26.92	119.0	106184	19.16	ug/l	93
68)	1,3-Dichlorobenzene	26.83	146.0	62304M	19.07	ug/l	92
69)	1,4-Dichlorobenzene	27.10	146.0	62437	18.65	ug/l	92
70)	n-Butylbenzene	27.96	91.0	114049	19.06	ug/l	98
71)	1,2-Dichlorobenzene	28.01	146.0	59554	19.11	ug/l	97
72)	1,2-Dibromo-3-Chloropropane	30.10	157.0	8892M	16.29	ug/l	
73)	1,2,4-Trichlorobenzene	32.09	180.0	45877	19.69	ug/l	100
74)	Hexachlorobutadiene	32.41	225.0	28465	20.34	ug/l	87
75)	Naphthalene	32.73	128.0	79500	18.80	ug/l	100
76)	1,2,3-Trichlorobenzene	33.32	180.0	42287	20.12	ug/l	100
77)	Methyl t-butyl ether	7.63	73.0	250904	178.85	ug/l	98

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >A5123::D2 Quant Output File: ^A5123::D5
Name: VSTD020 Instrument ID: HP5970BA
Misc:

Id File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33 Last Qcal Time: <none>

Operator ID: ROBERT
Quant Time : 991208 14:06
Injected at: 991208 13:31

Operator ID: ROBERT
Output File: ^A5127::D5
Data File: >A5127::D2
Name: VSTD050
Misc:

Quant Rev: 7 Quant Time: 991208 16:49
Injected at: 991208 16:15
Dilution Factor: 1.00000
Instrument ID: HP5970BA

ID File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33 Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Pentafluorobenzene	12.39	168.0	151810	50.00	ug/l	100
2)	Acrolein	5.58	56.0	15830	248.19	ug/l	92
3)	Acrylonitrile	7.94	53.0	45207	221.61	ug/l	98
4)	Acetone	5.95	43.0	6883	42.91	ug/l	87
5)	Dichlorodifluoromethane	2.99	85.0	35059	19.93	ug/l	100
6)	Chloromethane	3.31	50.0	36457	33.30	ug/l	100
7)	Vinyl Chloride	3.45	62.0	34276	34.44	ug/l	100
8)	Bromomethane	3.95	94.0	32579	38.94	ug/l	100
9)	Chloroethane	4.18	64.0	14668	38.51	ug/l	100
10)	Trichlorofluoromethane	4.54	101.0	95572	42.57	ug/l	100
11)	1,1-Dichloroethene	5.54	61.0	76802	40.65	ug/l	100
12)	Carbon disulfide	5.95	76.0	55361	40.03	ug/l	100
13)	Methylene Chloride	6.94	49.0	74773	42.90	ug/l	99
14)	trans-1,2-Dichloroethene	7.53	61.0	83963	43.71	ug/l	100
15)	1,1-Dichloroethane	8.99	63.0	107692	44.60	ug/l	73
16)	Vinyl acetate	9.31	43.0	68545	45.54	ug/l	98
17)	2,2-Dichloropropane	10.62	77.0	69365	50.41	ug/l	99
18)	2-Butanone	11.03	43.0	18271	46.06	ug/l	84
19)	cis-1,2-dichloroethene	10.76	61.0	107654	45.14	ug/l	84
20)	Chloroform	11.71	83.0	138526	44.94	ug/l	82
21)	Bromochloromethane	11.39	130.0	62390	45.08	ug/l	95
22)	1,1,1-Trichloroethane	11.94	97.0	105205	45.99	ug/l	94
23)	T-butyl alcohol	7.67	59.0	36056	457.50	ug/l	100
24)	*1,4-Difluorobenzene	14.16	114.0	195464	50.00	ug/l	91
25)	1,2-Dichloroethane-d4	13.03	65.0	60918	45.46	ug/l	89
26)	1,1-Dichloropropene	12.39	75.0	108766	41.70	ug/l	80
27)	Carbon Tetrachloride	12.26	117.0	112138	49.35	ug/l	99
28)	1,2-Dichloroethane	13.26	62.0	70213	46.39	ug/l	95
29)	Benzene	12.89	78.0	169075	45.14	ug/l	100
30)	Trichloroethene	14.66	95.0	89619	47.14	ug/l	100
31)	1,2-Dichloropropane	15.34	63.0	72743	46.43	ug/l	100
32)	Bromodichloromethane	16.07	83.0	132768	47.14	ug/l	100
33)	Dibromomethane	15.62	174.0	63138M	45.03	ug/l	
34)	2-Chloroethylvinylether	16.93	63.0	30842	46.66	ug/l	93
35)	cis-1,3-dichloropropene	17.21	75.0	104592	45.26	ug/l	94
36)	Toluene-d8	17.66	98.0	184640	47.30	ug/l	97
37)	Toluene	17.80	91.0	201096	46.71	ug/l	95
38)	trans-1,3-Dichloropropene	18.66	75.0	84426	50.50	ug/l	86
39)	1,1,2-Trichloroethane	19.07	83.0	59964	48.89	ug/l	83
40)	4-Methyl-2-pentanone	17.66	43.0	50492	50.18	ug/l	100

Operator ID: ROBERT
Output File: ^A5127::D5
Data File: >A5127::D2
Name: VSTD050
Misc:

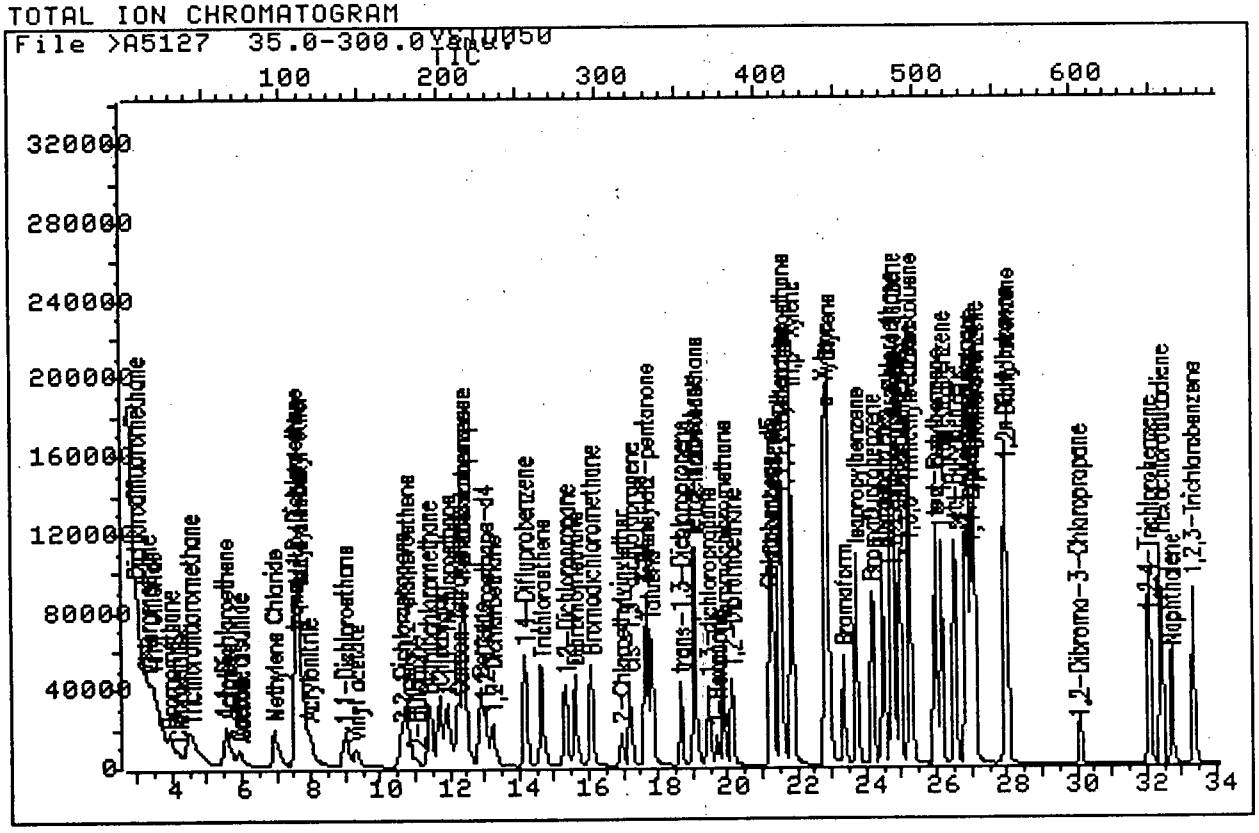
Quant Rev: 7 Quant Time: 991208 16:49
Injected at: 991208 16:15
Dilution Factor: 1.00000
Instrument ID: HP5970BA

ID File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33 Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
41)	1,2-Dibromoethane	20.11	107.0	106512	47.05	ug/l	97
42)	Bromofluorobenzene	24.15	95.0	137206	48.19	ug/l	94
43)	*Chlorobenzene-d5	21.20	117.0	156379	50.00	ug/l	100
44)	2-Hexanone	19.70	43.0	35652	53.24	ug/l	100
45)	1,3-dichloropropane	19.43	76.0	103869	45.84	ug/l	84
46)	Tetrachloroethene	19.02	166.0	87977	46.39	ug/l	87
47)	Dibromochloromethane	19.88	129.0	114402	47.59	ug/l	100
48)	Ethylbenzene	21.52	91.0	239579M	47.60	ug/l	69
49)	Chlorobenzene	21.29	112.0	161602	46.60	ug/l	100
50)	1,1,1,2-Tetrachloroethane	21.56	131.0	83924	48.39	ug/l	100
51)	m,p-Xylene	21.84	91.0	386137	92.34	ug/l	97
52)	o-Xylene	22.79	91.0	389954	93.25	ug/l	100
53)	Styrene	22.88	104.0	291538	96.76	ug/l	100
54)	Bromoform	23.34	173.0	79455	49.33	ug/l	100
55)	*1,4-Dichlorobenzene-d4	27.01	152.0	97995	50.00	ug/l	97
56)	Isopropylbenzene	23.70	105.0	262416	44.36	ug/l	75
57)	1,1,2,2-Tetrachloroethane	24.70	83.0	112004	44.61	ug/l	88
58)	1,2,3-Trichloropropane	24.79	110.0	26386	43.92	ug/l	95
59)	n-Propyl benzene	24.74	91.0	319732	45.01	ug/l	99
60)	Bromobenzene	24.47	77.0	171448	43.99	ug/l	100
61)	1,3,5-Trimethylbenzene	25.20	105.0	217016	45.35	ug/l	86
62)	2-Chlorotoluene	24.97	91.0	234386M	44.38	ug/l	90
63)	4-Chlorotoluene	25.24	91.0	248120	44.02	ug/l	98
64)	tert-Butylbenzene	25.97	119.0	225859	44.53	ug/l	100
65)	1,2,4-Trimethylbenzene	26.15	105.0	229165	45.42	ug/l	83
66)	sec-Butylbenzene	26.51	105.0	319147	44.57	ug/l	98
67)	p-Isopropyltoluene	26.92	119.0	257919	46.30	ug/l	93
68)	1,3-Dichlorobenzene	26.83	146.0	149657	45.56	ug/l	95
69)	1,4-Dichlorobenzene	27.10	146.0	147267M	43.76	ug/l	95
70)	n-Butylbenzene	27.97	91.0	271180	45.09	ug/l	98
71)	1,2-Dichlorobenzene	28.01	146.0	145426	46.43	ug/l	98
72)	1,2-Dibromo-3-Chloropropane	30.06	157.0	23660	43.12	ug/l	88
73)	1,2,4-Trichlorobenzene	32.05	180.0	105414	45.00	ug/l	100
74)	Hexachlorobutadiene	32.42	225.0	65904	46.85	ug/l	89
75)	Naphthalene	32.69	128.0	179953	42.32	ug/l	100
76)	1,2,3-Trichlorobenzene	33.32	180.0	89563	42.38	ug/l	100
77)	Methyl t-butyl ether	7.63	73.0	594853	421.84	ug/l	98

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >A5127::D2
Name: VSTD050
Misc:

Quant Output File: ^A5127::D5
Instrument ID: HP5970BA

Id File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33

Last Qcal Time: <none>

Operator ID: ROBERT
Quant Time : 991208 16:49
Injected at: 991208 16:15

Operator ID: ROBERT
Output File: ^A5125::D5
Data File: >A5125::D2
Name: VSTD100
Misc:

Quant Rev: 7 Quant Time: 991208 15:27
Injected at: 991208 14:52
Dilution Factor: 1.00000
Instrument ID: HP5970BA

ID File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33 Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Pentafluorobenzene	12.39	168.0	133943	50.00	ug/l	100
2)	Acrolein	5.58	56.0	33617	597.37	ug/l	90
3)	Acrylonitrile	7.99	53.0	95630	531.32	ug/l	94
4)	Acetone	5.99	43.0	14296	101.00	ug/l	94
5)	Dichlorodifluoromethane	3.04	85.0	84522	54.45	ug/l	100
6)	Chloromethane	3.31	50.0	80395	83.24	ug/l	100
7)	Vinyl Chloride	3.49	62.0	73294	83.46	ug/l	100
8)	Bromomethane	3.95	94.0	62765	85.02	ug/l	100
9)	Chloroethane	4.18	64.0	28956	86.17	ug/l	100
10)	Trichlorofluoromethane	4.54	101.0	186708	94.25	ug/l	100
11)	1,1-Dichloroethene	5.58	61.0	158602	95.13	ug/l	100
12)	Carbon disulfide	5.99	76.0	119791	98.17	ug/l	100
13)	Methylene Chloride	6.94	49.0	140259	91.22	ug/l	99
14)	trans-1,2-Dichloroethene	7.54	61.0	170111	100.37	ug/l	100
15)	1,1-Dichloroethane	9.03	63.0	217257	101.99	ug/l	72
16)	Vinyl acetate	9.35	43.0	135898	102.32	ug/l	96
17)	2,2-Dichloropropane	10.62	77.0	124825	102.82	ug/l	99
18)	2-Butanone	11.03	43.0	37889	108.25	ug/l	89
19)	cis-1,2-dichloroethene	10.76	61.0	217420	103.32	ug/l	83
20)	Chloroform	11.71	83.0	278748	102.49	ug/l	84
21)	Bromochloromethane	11.39	130.0	127332	104.27	ug/l	93
22)	1,1,1-Trichloroethane	11.94	97.0	208835	103.47	ug/l	91
23)	T-butyl alcohol	7.76	59.0	76217	1096.10	ug/l	100
24)	*1,4-Difluorobenzene	14.17	114.0	176204	50.00	ug/l	90
25)	1,2-Dichloroethane-d4	13.03	65.0	126095	104.37	ug/l	87
26)	1,1-Dichloropropene	12.39	75.0	201550	85.72	ug/l	85
27)	Carbon Tetrachloride	12.26	117.0	212241	103.62	ug/l	96
28)	1,2-Dichloroethane	13.26	62.0	140770	103.17	ug/l	94
29)	Benzene	12.89	78.0	340662	100.89	ug/l	100
30)	Trichloroethene	14.66	95.0	176084	102.75	ug/l	100
31)	1,2-Dichloropropane	15.35	63.0	146506	103.73	ug/l	100
32)	Bromodichloromethane	16.07	83.0	275597	108.55	ug/l	100
33)	Dibromomethane	15.62	174.0	128884M	101.96	ug/l	
34)	2-Chloroethylvinylether	16.93	63.0	66694	111.92	ug/l	92
35)	cis-1,3-dichloropropene	17.21	75.0	212636	102.07	ug/l	94
36)	Toluene-d8	17.66	98.0	359817	102.26	ug/l	96
37)	Toluene	17.80	91.0	384270	99.00	ug/l	96
38)	trans-1,3-Dichloropropene	18.66	75.0	176736	117.26	ug/l	84
39)	1,1,2-Trichloroethane	19.07	83.0	112659	101.90	ug/l	87
40)	4-Methyl-2-pentanone	17.66	43.0	93836	103.45	ug/l	100

Operator ID: ROBERT
Output File: ^A5125::D5
Data File: >A5125::D2
Name: VSTD100
Misc:

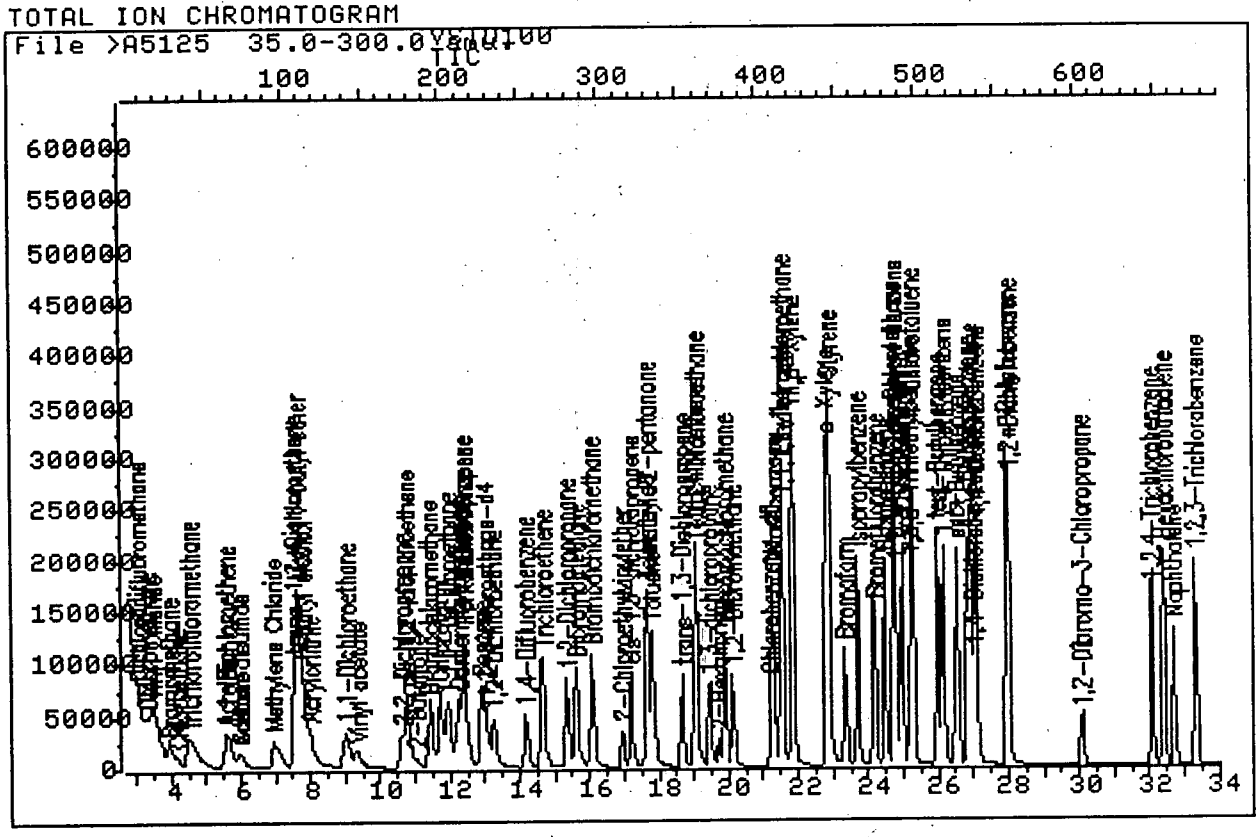
Quant Rev: 7 Quant Time: 991208 15:27
Injected at: 991208 14:52
Dilution Factor: 1.00000
Instrument ID: HP5970BA

ID File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33 Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
41)	1,2-Dibromoethane	20.11	107.0	212036	103.89	ug/l	95
42)	Bromofluorobenzene	24.20	95.0	254948	99.33	ug/l	81
43)	*Chlorobenzene-d5	21.20	117.0	137236	50.00	ug/l	100
44)	2-Hexanone	19.71	43.0	58148	98.95	ug/l	100
45)	1,3-dichloropropane	19.43	76.0	208305	104.76	ug/l	84
46)	Tetrachloroethene	19.02	166.0	172756	103.80	ug/l	87
47)	Dibromochloromethane	19.89	129.0	234544	111.17	ug/l	100
48)	Ethylbenzene	21.52	91.0	437355M	99.01	ug/l	72
49)	Chlorobenzene	21.29	112.0	310221	101.94	ug/l	100
50)	1,1,1,2-Tetrachloroethane	21.57	131.0	161158	105.87	ug/l	100
51)	m,p-Xylene	21.84	91.0	715930	195.09	ug/l	99
52)	o-Xylene	22.79	91.0	706012	192.37	ug/l	100
53)	Styrene	22.88	104.0	518631	196.15	ug/l	100
54)	Bromoform	23.34	173.0	158986	112.47	ug/l	100
55)	*1,4-Dichlorobenzene-d4	27.02	152.0	79850	50.00	ug/l	96
56)	Isopropylbenzene	23.70	105.0	496095	102.93	ug/l	75
57)	1,1,2,2-Tetrachloroethane	24.70	83.0	217621	106.38	ug/l	86
58)	1,2,3-Trichloropropane	24.79	110.0	52037	106.29	ug/l	97
59)	n-Propyl benzene	24.75	91.0	576960	99.67	ug/l	98
60)	Bromobenzene	24.47	77.0	322758	101.64	ug/l	100
61)	1,3,5-Trimethylbenzene	25.20	105.0	393890	101.01	ug/l	87
62)	2-Chlorotoluene	24.97	91.0	433150M	100.65	ug/l	89
63)	4-Chlorotoluene	25.25	91.0	461561	100.49	ug/l	97
64)	tert-Butylbenzene	25.97	119.0	422459	102.21	ug/l	100
65)	1,2,4-Trimethylbenzene	26.15	105.0	420421	102.26	ug/l	78
66)	sec-Butylbenzene	26.52	105.0	588464	100.85	ug/l	97
67)	p-Isopropyltoluene	26.93	119.0	457068	100.70	ug/l	94
68)	1,3-Dichlorobenzene	26.84	146.0	271527M	101.44	ug/l	98
69)	1,4-Dichlorobenzene	27.11	146.0	281306	102.58	ug/l	97
70)	n-Butylbenzene	27.97	91.0	489207	99.83	ug/l	98
71)	1,2-Dichlorobenzene	28.02	146.0	256014	100.30	ug/l	95
72)	1,2-Dibromo-3-Chloropropane	30.06	157.0	52415	117.23	ug/l	86
73)	1,2,4-Trichlorobenzene	32.06	180.0	205805	107.82	ug/l	100
74)	Hexachlorobutadiene	32.42	225.0	120132	104.80	ug/l	90
75)	Naphthalene	32.69	128.0	376975	108.81	ug/l	100
76)	1,2,3-Trichlorobenzene	33.33	180.0	189375	109.99	ug/l	100
77)	Methyl t-butyl ether	7.63	73.0	1166716	1015.39	ug/l	95

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >A5125::D2 Quant Output File: ^A5125::D5
Name: VSTD100 Instrument ID: HP5970BA
Misc:

Id File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33 Last Qcal Time: <none>

Operator ID: ROBERT
Quant Time : 991208 15:27
Injected at: 991208 14:52

Operator ID: ROBERT
Output File: ^A5126::D5
Data File: >A5126::D2
Name: VSTD200
Misc:

Quant Rev: 7 Quant Time: 991208 16:09
Injected at: 991208 15:34
Dilution Factor: 1.00000
Instrument ID: HP5970BA

ID File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33 Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Pentafluorobenzene	12.39	168.0	133130	50.00	ug/l	100
2)	Acrolein	5.62	56.0	61354	1096.91	ug/l	93
3)	Acrylonitrile	7.98	53.0	176172	984.78	ug/l	93
4)	Acetone	6.03	43.0	26649	189.43	ug/l	97
5)	Dichlorodifluoromethane	3.03	85.0	142313	92.24	ug/l	100
6)	Chloromethane	3.30	50.0	142723	148.67	ug/l	100
7)	Vinyl Chloride	3.48	62.0	131013	150.10	ug/l	100
8)	Bromomethane	3.98	94.0	106015	144.48	ug/l	100
9)	Chloroethane	4.17	64.0	46023	137.79	ug/l	100
10)	Trichlorofluoromethane	4.48	101.0	231973	117.82	ug/l	100
11)	1,1-Dichloroethene	5.57	61.0	291743	176.06	ug/l	100
12)	Carbon disulfide	5.94	76.0	225910	186.26	ug/l	100
13)	Methylene Chloride	6.94	49.0	254967	166.83	ug/l	99
14)	trans-1,2-Dichloroethene	7.53	61.0	296689	176.13	ug/l	100
15)	1,1-Dichloroethane	8.98	63.0	397657	187.81	ug/l	72
16)	Vinyl acetate	9.34	43.0	263565	199.66	ug/l	97
17)	2,2-Dichloropropane	10.61	77.0	229954	190.58	ug/l	98
18)	2-Butanone	11.02	43.0	61023	175.42	ug/l	83
19)	cis-1,2-dichloroethene	10.75	61.0	386937	185.00	ug/l	81
20)	Chloroform	11.70	83.0	508720	188.18	ug/l	85
21)	Bromochloromethane	11.39	130.0	232920	191.90	ug/l	94
22)	1,1,1-Trichloroethane	11.93	97.0	390615	194.71	ug/l	91
23)	T-butyl alcohol	7.84	59.0	137333	1987.08	ug/l	100
24)	*1,4-Difluorobenzene	14.16	114.0	186109	50.00	ug/l	88
25)	1,2-Dichloroethane-d4	13.02	65.0	237155	185.86	ug/l	90
26)	1,1-Dichloropropene	12.39	75.0	353067	142.17	ug/l	83
27)	Carbon Tetrachloride	12.25	117.0	373143	172.47	ug/l	98
28)	1,2-Dichloroethane	13.25	62.0	264458	183.50	ug/l	95
29)	Benzene	12.89	78.0	616177	172.78	ug/l	100
30)	Trichloroethene	14.66	95.0	317329	175.32	ug/l	100
31)	1,2-Dichloropropane	15.34	63.0	269360	180.57	ug/l	100
32)	Bromodichloromethane	16.07	83.0	517403	192.94	ug/l	100
33)	Dibromomethane	15.61	174.0	234387M	175.56	ug/l	
34)	2-Chloroethylvinylether	16.93	63.0	127323	202.30	ug/l	94
35)	cis-1,3-dichloropropene	17.20	75.0	402130	182.75	ug/l	94
36)	Toluene-d8	17.65	98.0	645309	173.64	ug/l	99
37)	Toluene	17.79	91.0	703066	171.50	ug/l	94
38)	trans-1,3-Dichloropropene	18.65	75.0	332199	208.68	ug/l	83
39)	1,1,2-Trichloroethane	19.06	83.0	190841	163.43	ug/l	89
40)	4-Methyl-2-pentanone	17.65	43.0	160712	167.75	ug/l	100

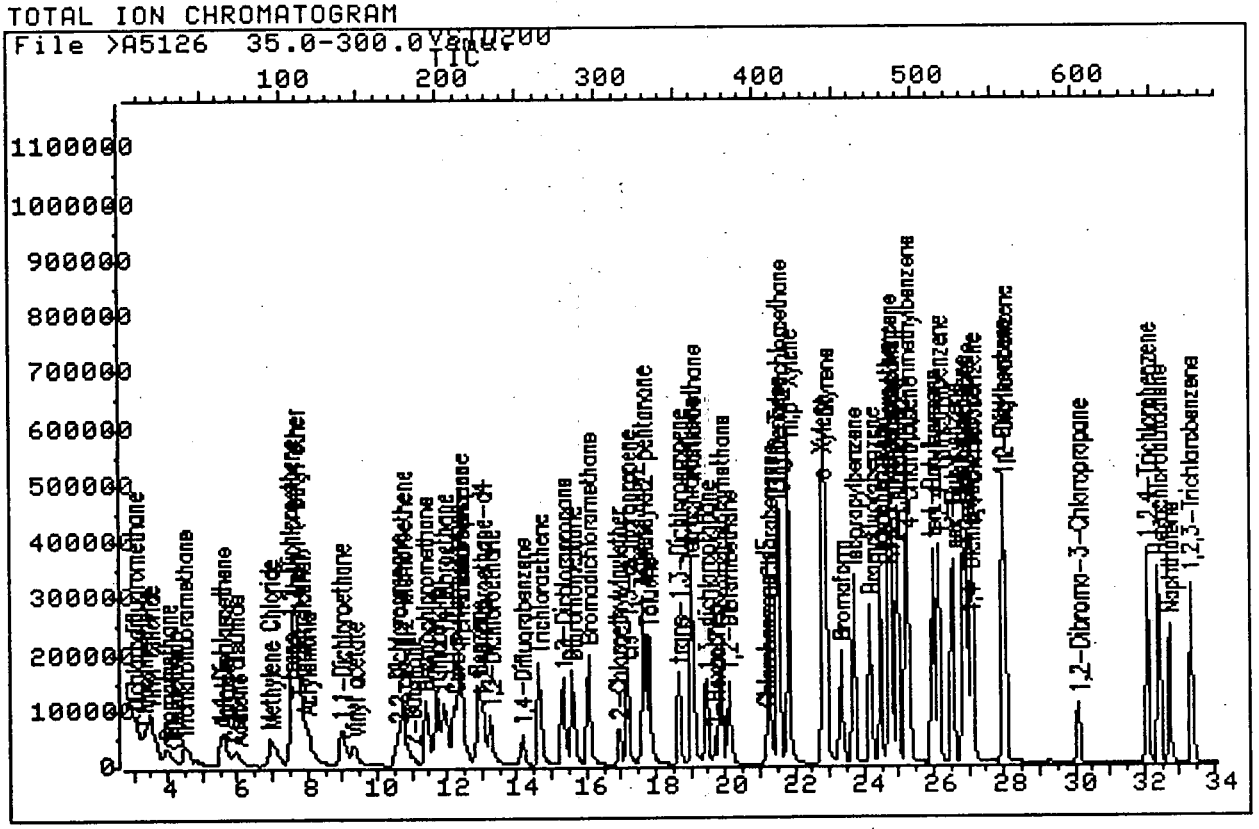
Operator ID: ROBERT Quant Rev: 7 Quant Time: 991208 16:09
Output File: ^A5126::D5 Injected at: 991208 15:34
Data File: >A5126::D2 Dilution Factor: 1.00000
Name: VSTD200 Instrument ID: HP5970BA
Misc:

ID File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33 Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
41)	1,2-Dibromoethane	20.11	107.0	375500	174.20	ug/l	99
42)	Bromofluorobenzene	24.19	95.0	445852	164.47	ug/l	79
43)	*Chlorobenzene-d5	21.20	117.0	139480M	50.00	ug/l	100
44)	2-Hexanone	19.70	43.0	104433	174.86	ug/l	100
45)	1,3-dichloropropane	19.47	76.0	377268	186.68	ug/l	84
46)	Tetrachloroethene	19.02	166.0	290322	171.63	ug/l	86
47)	Dibromochloromethane	19.88	129.0	425206	198.30	ug/l	100
48)	Ethylbenzene	21.51	91.0	737862M	164.36	ug/l	78
49)	Chlorobenzene	21.29	112.0	546947	176.84	ug/l	100
50)	1,1,1,2-Tetrachloroethane	21.56	131.0	278642	180.11	ug/l	100
51)	m,p-Xylene	21.83	91.0	1242285	333.08	ug/l	94
52)	o-Xylene	22.79	91.0	1216403	326.10	ug/l	100
53)	Styrene	22.88	104.0	872573	324.70	ug/l	100
54)	Bromoform	23.33	173.0	298785	207.98	ug/l	100
55)	*1,4-Dichlorobenzene-d4	27.06	152.0	83473	50.00	ug/l	88
56)	Isopropylbenzene	23.69	105.0	859932	170.67	ug/l	77
57)	1,1,2,2-Tetrachloroethane	24.69	83.0	349253	163.32	ug/l	84
58)	1,2,3-Trichloropropane	24.79	110.0	89371	174.63	ug/l	99
59)	n-Propyl benzene	24.74	91.0	980455	162.02	ug/l	99
60)	Bromobenzene	24.47	77.0	556887	167.75	ug/l	100
61)	1,3,5-Trimethylbenzene	25.24	105.0	675968	165.81	ug/l	95
62)	2-Chlorotoluene	24.97	91.0	759692M	168.87	ug/l	83
63)	4-Chlorotoluene	25.29	91.0	778300	162.09	ug/l	91
64)	tert-Butylbenzene	25.97	119.0	757129	175.23	ug/l	100
65)	1,2,4-Trimethylbenzene	26.15	105.0	746612	173.71	ug/l	81
66)	sec-Butylbenzene	26.56	105.0	1056656	173.23	ug/l	94
67)	p-Isopropyltoluene	26.92	119.0	798824	168.36	ug/l	95
68)	1,3-Dichlorobenzene	26.83	146.0	484715	173.23	ug/l	95
69)	1,4-Dichlorobenzene	27.10	146.0	477635M	166.62	ug/l	95
70)	n-Butylbenzene	27.97	91.0	839462	163.87	ug/l	98
71)	1,2-Dichlorobenzene	28.01	146.0	455796	170.82	ug/l	92
72)	1,2-Dibromo-3-Chloropropane	30.10	157.0	104422M	223.41	ug/l	
73)	1,2,4-Trichlorobenzene	32.10	180.0	393927	197.42	ug/l	100
74)	Hexachlorobutadiene	32.41	225.0	224901	187.69	ug/l	81
75)	Naphthalene	32.73	128.0	690906	190.77	ug/l	100
76)	1,2,3-Trichlorobenzene	33.32	180.0	344367	191.32	ug/l	100
77)	Methyl t-butyl ether	7.66	73.0	2088442	1738.68	ug/l	96

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >A5126::D2 Quant Output File: ^A5126::D5
Name: VSTD200 Instrument ID: HP5970BA
Misc:

Id File: IDAS05::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991207 16:33 Last Qcal Time: <none>

Operator ID: ROBERT
Quant Time : 991208 16:09
Injected at: 991208 15:34

ACCREDITED LABORATORIES, INC.
TCLP VOLATILES ANALYSIS DATA

CASE NUMBER		MATRIX	Leachate
SAMPLE NUMBER	9912996MS	DILUTION FACTOR	10
DATA FILE	>A5131	DATE EXTRACTED	
CLIENT NAME		DATE ANALYZED	12/08/99
FIELD ID		ANALYZED BY	ROBERT

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene	.483	.050	0.5
78933	2-Butanone	.750	.100	200.0
56235	Carbon Tetrachloride	.509	.050	0.5
108907	Chlorobenzene	.471	.050	100.0
67663	Chloroform	.421	.050	6.0
75354	1,1-Dichloroethene	.470	.050	0.7
107062	1,2-Dichloroethane	.449	.050	0.5
127184	Tetrachloroethene	.486	.050	0.7
79016	Trichloroethene	.461	.050	0.5
75014	Vinyl Chloride	.500	.100	0.2

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	91 %	76 - 114	OK
Toluene-d8	100 %	88 - 110	OK
Bromofluorobenzene	103 %	86 - 115	OK

(U) Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Butanone = Methyl ethyl ketone

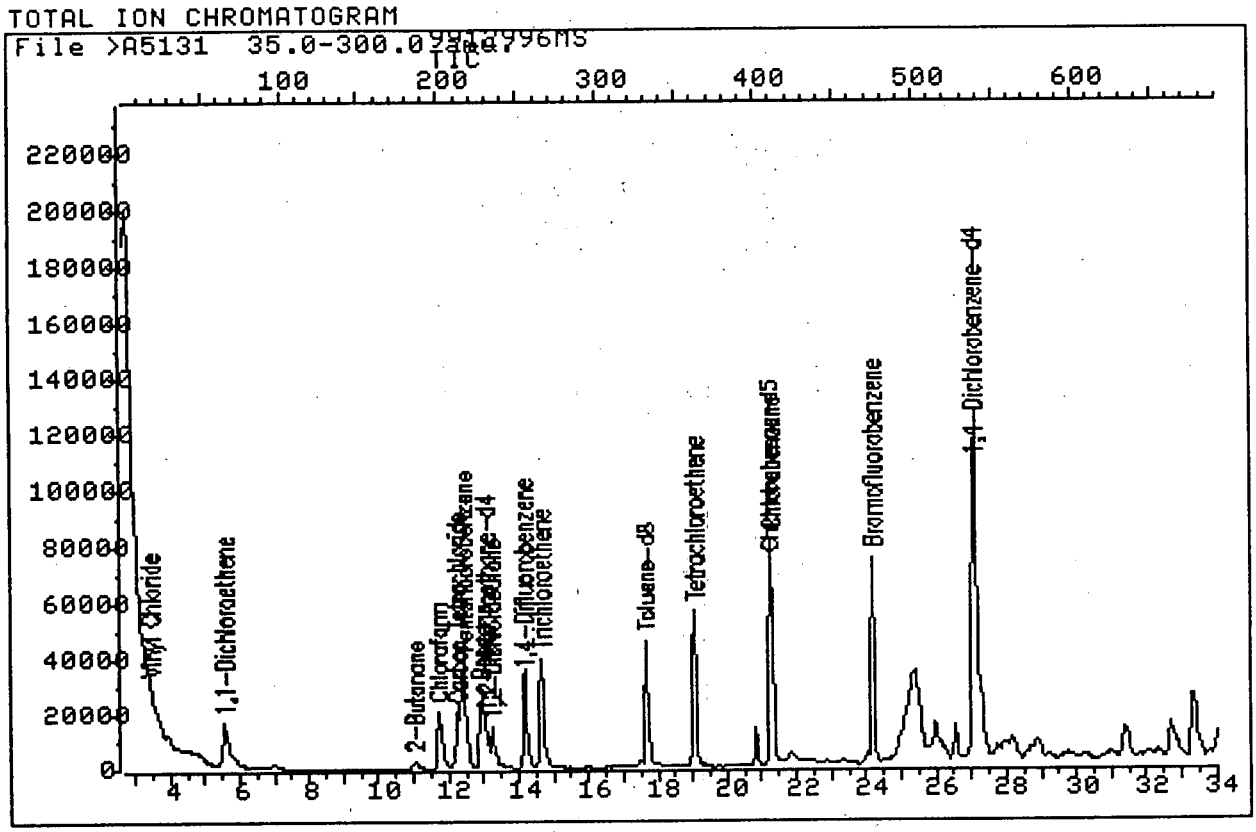
Operator ID: ROBERT
Output File: ^A5131::D5
Data File: >A5131::D2
Name: 9912996MS
Misc:

Quant Rev: 7 Quant Time: 991208 19:37
Injected at: 991208 19:02
Dilution Factor: 1.00000
Instrument ID: HP5970BA

ID File: IDAS06::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991208 17:16 Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Pentafluorobenzene	12.44	168.0	114865	50.00	ug/l	100
7)	Vinyl Chloride	3.45	62.0	27927	49.99	ug/l	100
11)	1,1-Dichloroethene	5.58	61.0	57877	47.04	ug/l	100
18)	2-Butanone	11.03	43.0	20566	74.98	ug/l	83
20)	Chloroform	11.71	83.0	91820	42.07	ug/l	85
24)	*1,4-Difluorobenzene	14.16	114.0	137016	50.00	ug/l	95
25)	1,2-Dichloroethane-d4	13.07	65.0	40003	45.45	ug/l	88
27)	Carbon Tetrachloride	12.25	117.0	76703	50.95	ug/l	99
28)	1,2-Dichloroethane	13.25	62.0	44957	44.94	ug/l	93
29)	Benzene	12.94	78.0	119314	48.29	ug/l	100
30)	Trichloroethene	14.66	95.0	57595	46.10	ug/l	100
36)	Toluene-d8	17.66	98.0	129055	49.80	ug/l	95
42)	Bromofluorobenzene	24.19	95.0	96996	51.30	ug/l	88
43)	*Chlorobenzene-d5	21.24	117.0	114473	50.00	ug/l	100
46)	Tetrachloroethene	19.06	166.0	64583	48.56	ug/l	87
49)	Chlorobenzene	21.29	112.0	113582	47.11	ug/l	100
55)	*1,4-Dichlorobenzene-d4	27.06	152.0	68800	50.00	ug/l	93

* Compound is ISTD



Data File: >A5131::D2 Quant Output File: ^A5131::D5
Name: 9912996MS Instrument ID: HP5970BA
Misc:

Id File: IDAS06::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991208 17:16 Last Qcal Time: <none>

Operator ID: ROBERT
Quant Time : 991208 19:37
Injected at: 991208 19:02

Operator ID: ROBERT
Output File: ^A5129::D5
Data File: >A5129::D2
Name: VBLKA15
Misc:

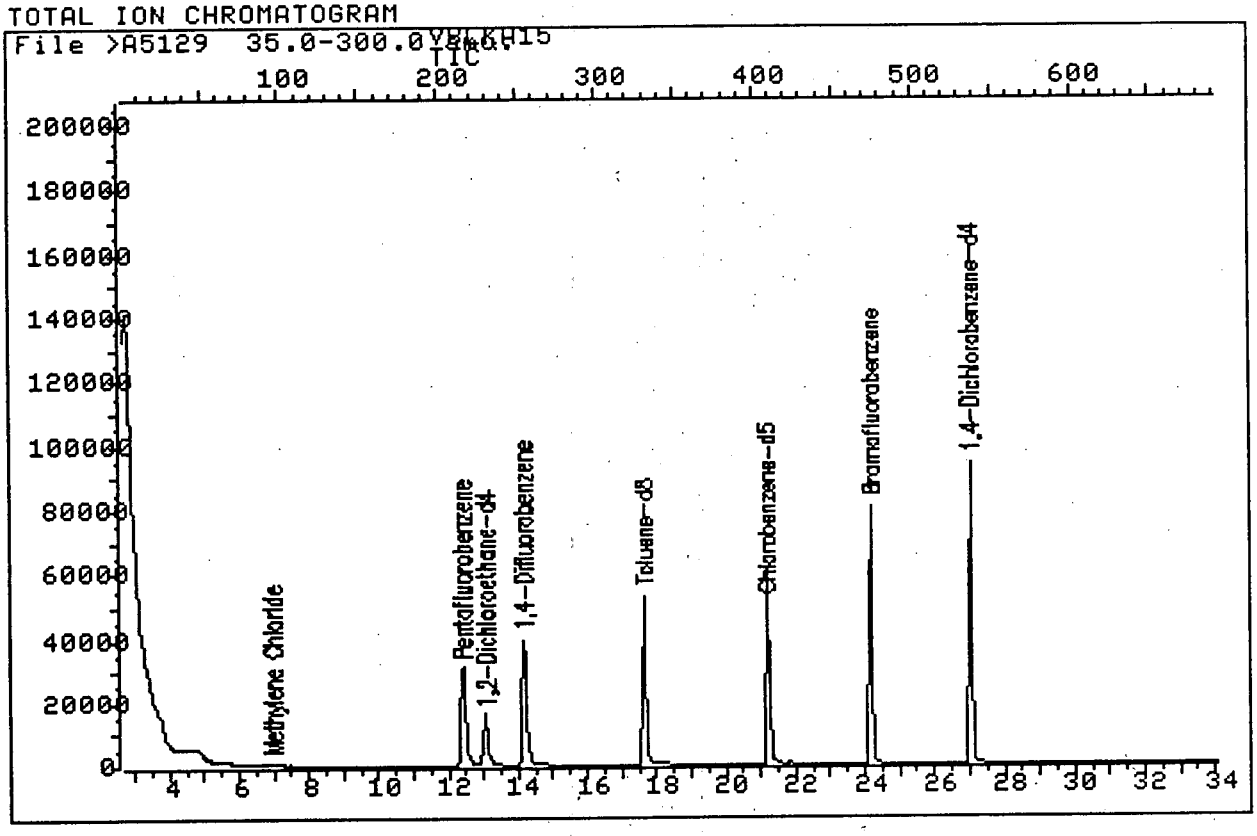
Quant Rev: 7 Quant Time: 991208 18:16
Injected at: 991208 17:41
Dilution Factor: 1.00000
Instrument ID: HP5970BA

ID File: IDAS06::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991208 17:16 Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Pentafluorobenzene	12.39	168.0	106973	50.00	ug/l	100
13)	Methylene Chloride	6.99	49.0	1772	1.56	ug/l	93
24)	*1,4-Difluorobenzene	14.16	114.0	146467	50.00	ug/l	92
25)	1,2-Dichloroethane-d4	13.07	65.0	50013	53.15	ug/l	93
36)	Toluene-d8	17.65	98.0	138476	49.98	ug/l	95
42)	Bromofluorobenzene	24.19	95.0	109619	54.23	ug/l	85
43)	*Chlorobenzene-d5	21.19	117.0	125958	50.00	ug/l	100
55)	*1,4-Dichlorobenzene-d4	27.05	152.0	79631	50.00	ug/l	92

* Compound is ISTD

TOTAL ION CHROMATOGRAM

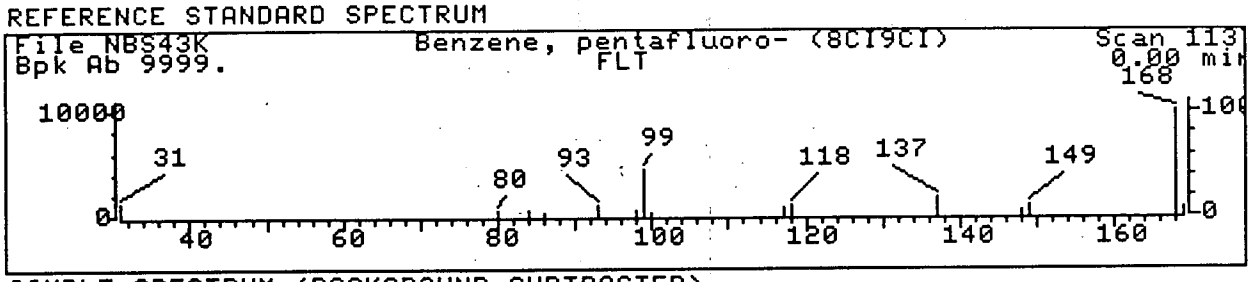


Data File: >A5129::D2 Quant Output File: ^A5129::D5
Name: VBLKA15 Instrument ID: HP5970BA
Misc:

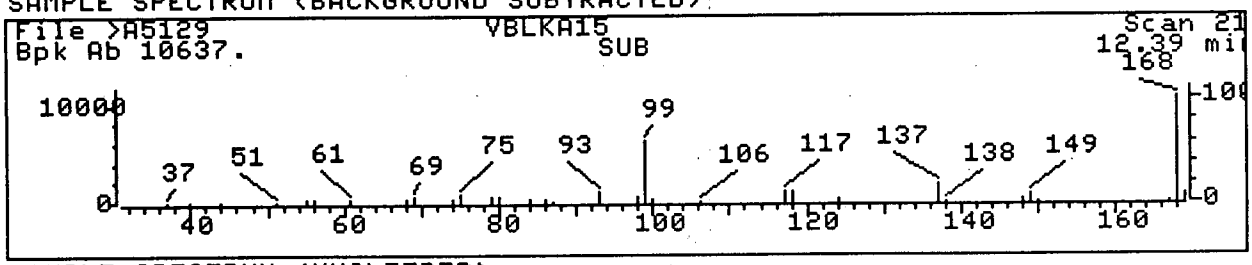
Id File: IDAS06::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991208 17:16 Last Qcal Time: <none>

Operator ID: ROBERT
Quant Time : 991208 18:16
Injected at: 991208 17:41

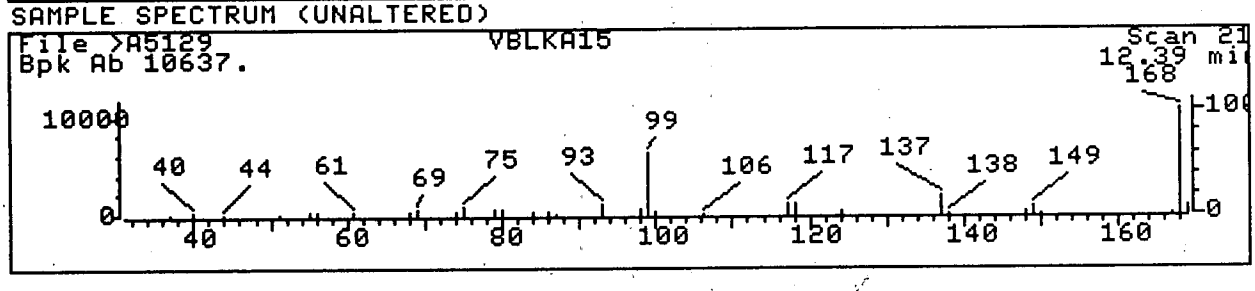
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



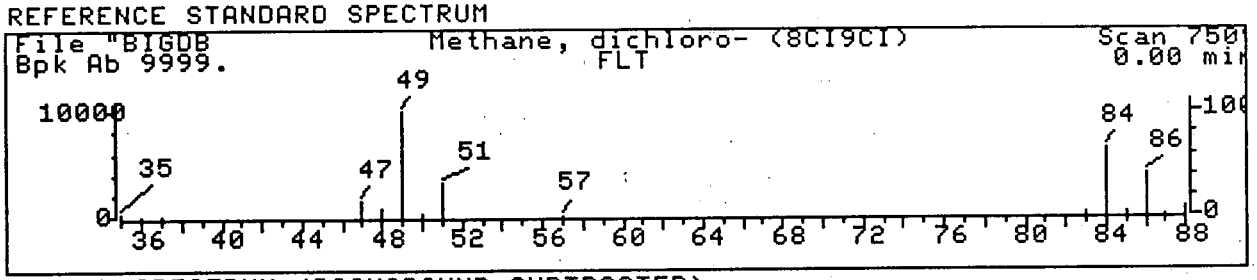
Data File: >A5129::D2
Name: VBLKA15
Misc:
Quant Time: 991208 18:16
Injected at: 991208 17:41
Last Qcal Time: <none>

Quant Output File: ^A5129::D5
Instrument ID: HP5970BA

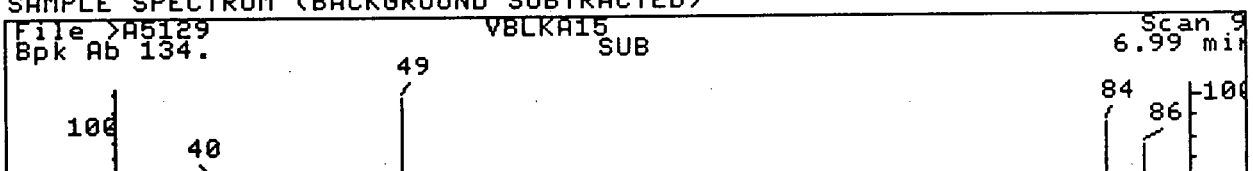
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 1 (ISTD)
Compound Name : Pentafluorobenzene
Scan Number : 214
Retention Time: 12.39 min.
Quant Ion : 168.0
Area : 106973
Concentration : 50.00 ug/l
q-value : 100

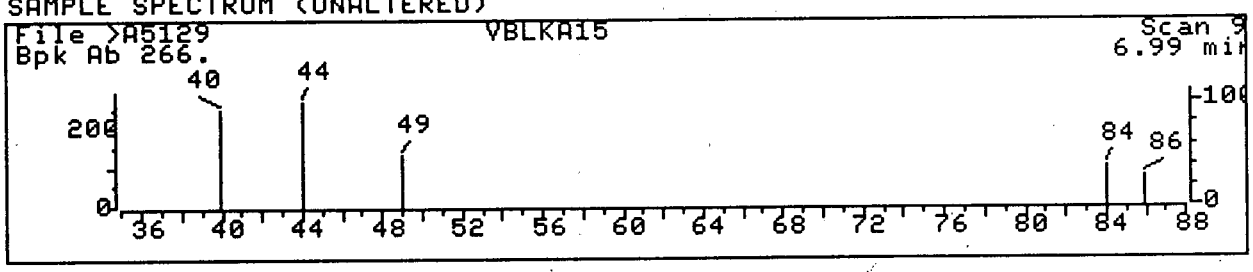
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



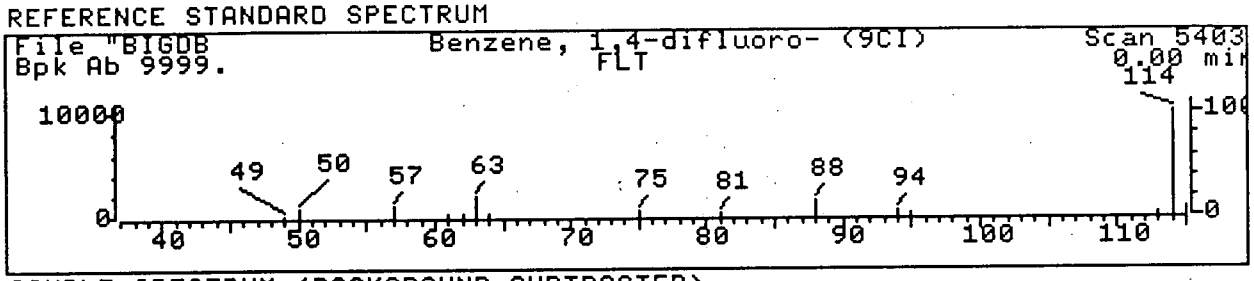
Data File: >A5129::D2
Name: VBLKA15
Misc:
Quant Time: 991208 18:16
Injected at: 991208 17:41
Last Qcal Time: <none>

Quant Output File: ^A5129::D5
Instrument ID: HP5970BA

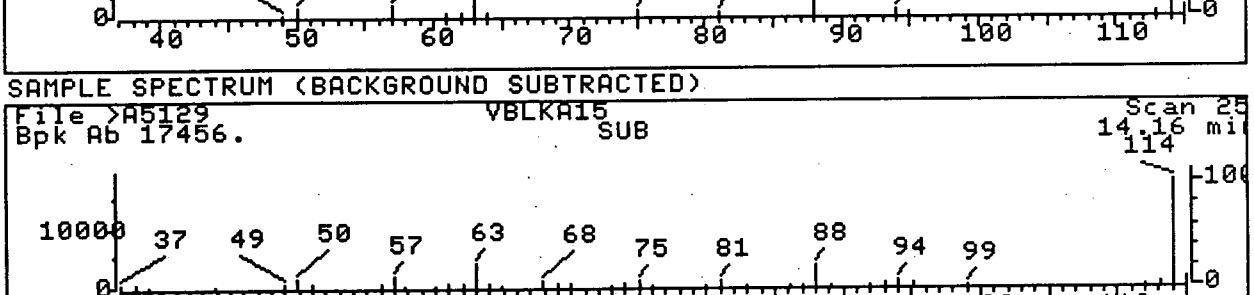
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 13
Compound Name : Methylene Chloride
Scan Number : 95
Retention Time: 6.99 min.
Quant Ion : 49.0
Area : 1772
Concentration : 1.56 ug/l
q-value : 93

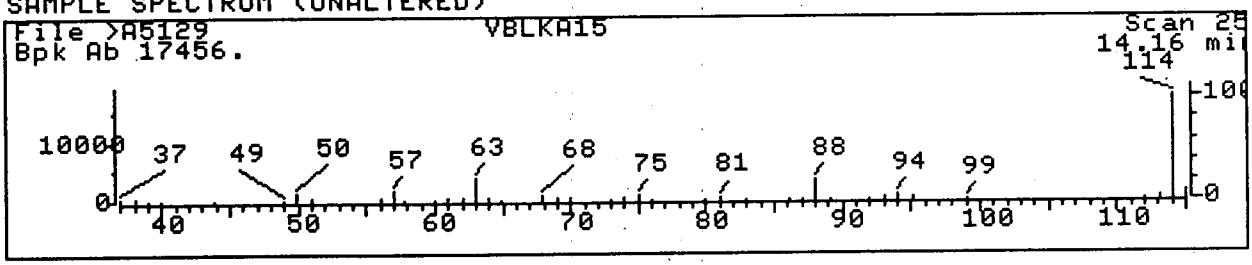
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



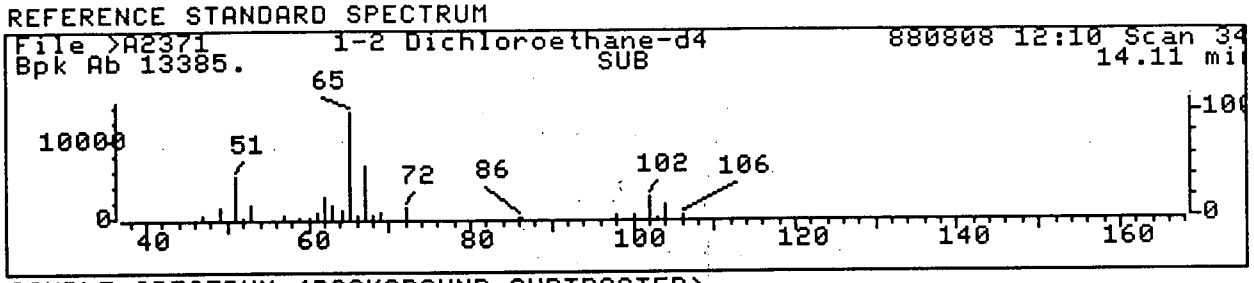
Data File: >A5129::D2
Name: VBLKA15
Misc:
Quant Time: 991208 18:16
Injected at: 991208 17:41
Last Qcal Time: <none>

Quant Output File: ^A5129::D5
Instrument ID: HP5970BA

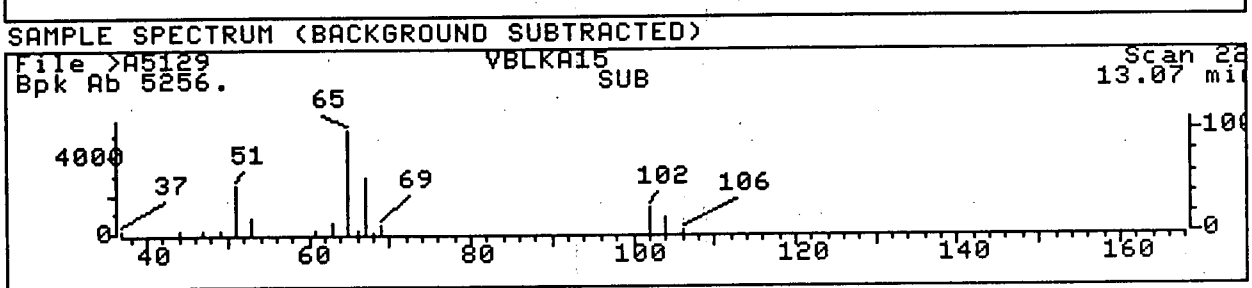
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 24 (ISTD)
Compound Name : 1,4-Difluorobenzene
Scan Number : 253
Retention Time: 14.16 min.
Quant Ion : 114.0
Area : 146467
Concentration : 50.00 ug/l
q-value : 92

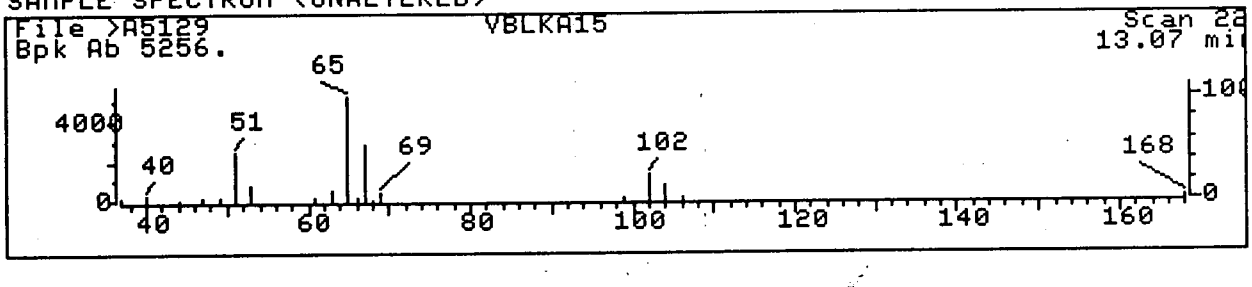
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

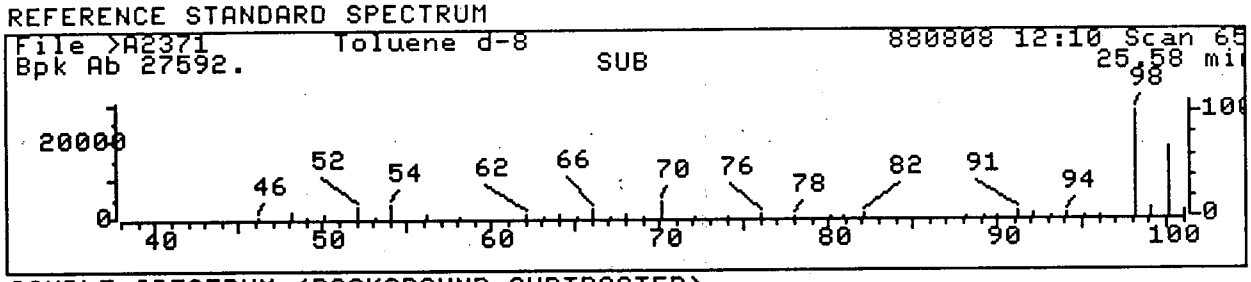


Data File: >A5129::D2
Name: VBLKA15
Misc:
Quant Time: 991208 18:16
Injected at: 991208 17:41
Last Qcal Time: <none>

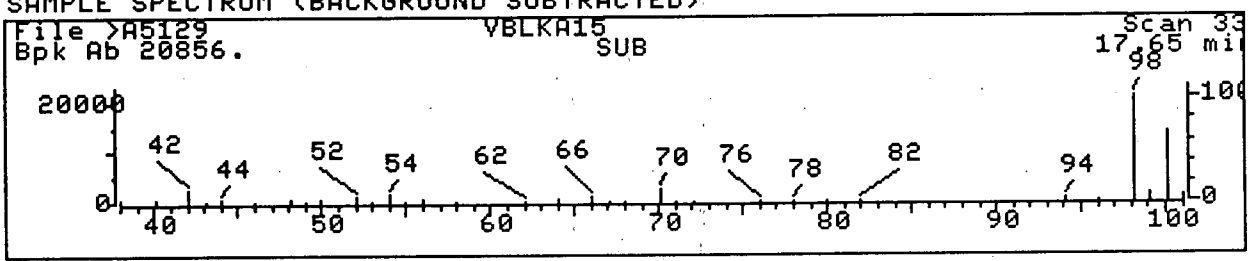
Quant Output File: ^A5129::D5
Instrument ID: HP5970BA
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 25
Compound Name : 1,2-Dichloroethane-d4
Scan Number : 229
Retention Time: 13.07 min.
Quant Ion : 65.0
Area : 50013
Concentration : 53.15 ug/l
q-value : 93

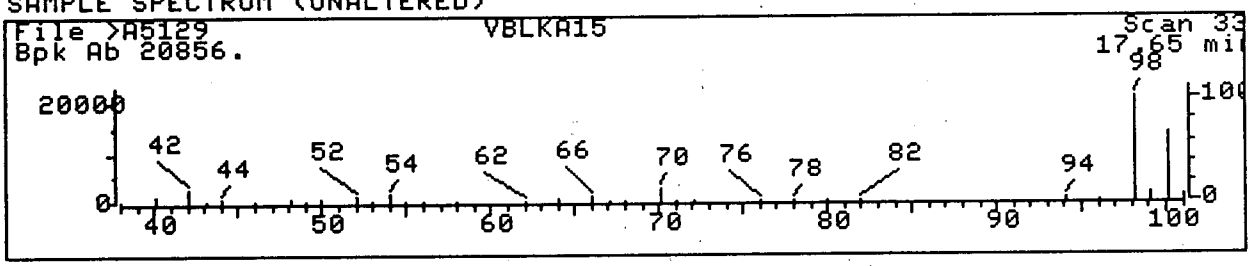
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



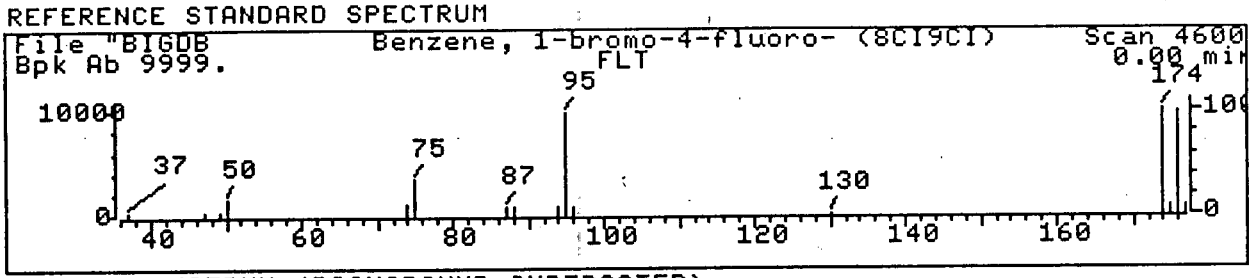
Data File: >A5129::D2
Name: VBLKA15
Misc:
Quant Time: 991208 18:16
Injected at: 991208 17:41
Last Qcal Time: <none>

Quant Output File: ^A5129::D5
Instrument ID: HP5970BA

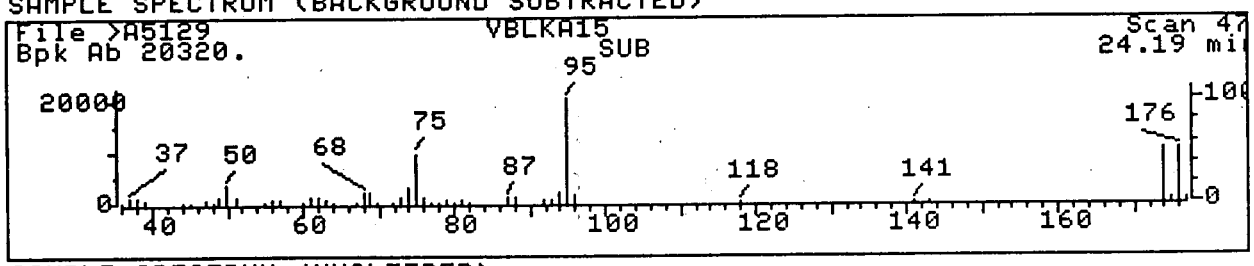
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 36
Compound Name : Toluene-d8
Scan Number : 330
Retention Time: 17.65 min.
Quant Ion : 98.0
Area : 138476
Concentration : 49.98 ug/l
q-value : 95

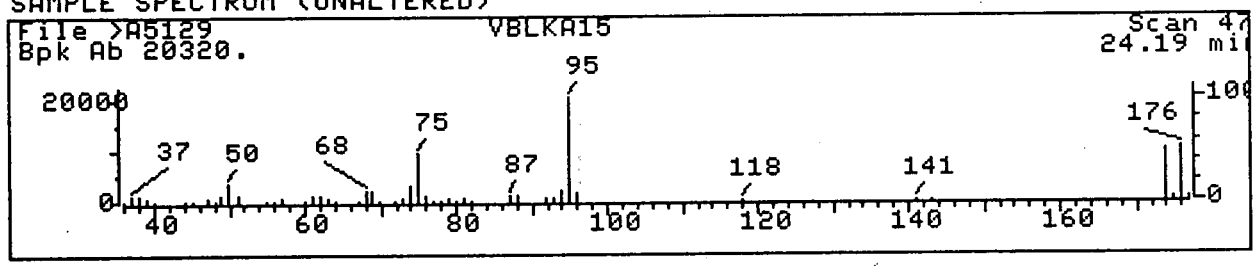
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



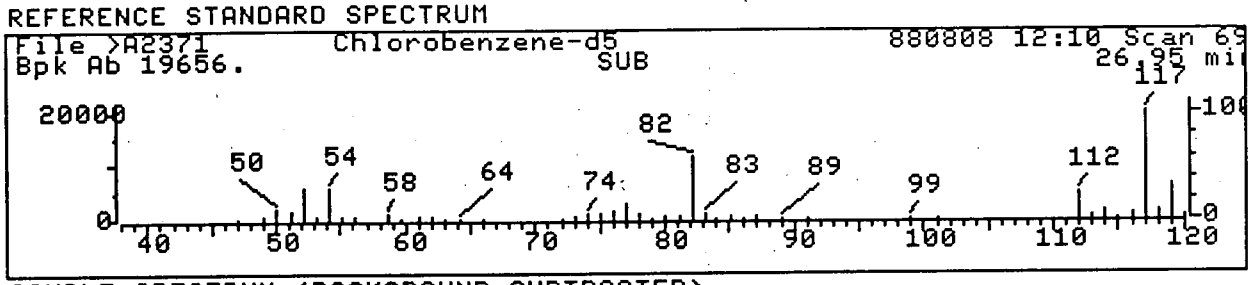
Data File: >A5129::D2
Name: VBLKA15
Misc:
Quant Time: 991208 18:16
Injected at: 991208 17:41
Last Qcal Time: <none>

Quant Output File: ^A5129::D5
Instrument ID: HP5970BA

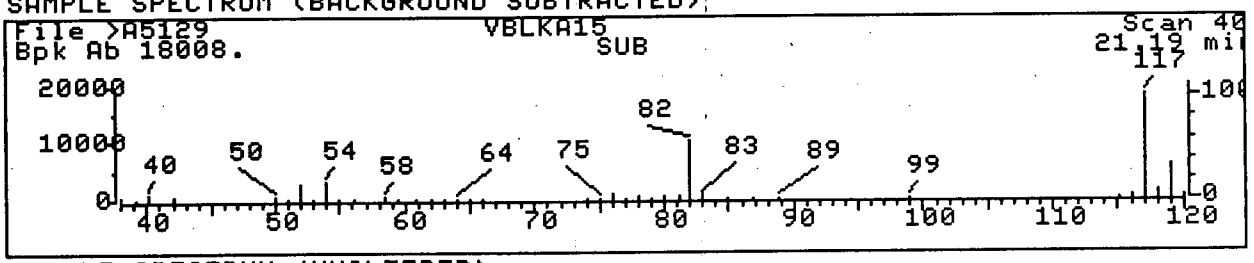
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 42
Compound Name : Bromofluorobenzene
Scan Number : 474
Retention Time: 24.19 min.
Quant Ion : 95.0
Area : 109619
Concentration : 54.23 ug/l
q-value : 85

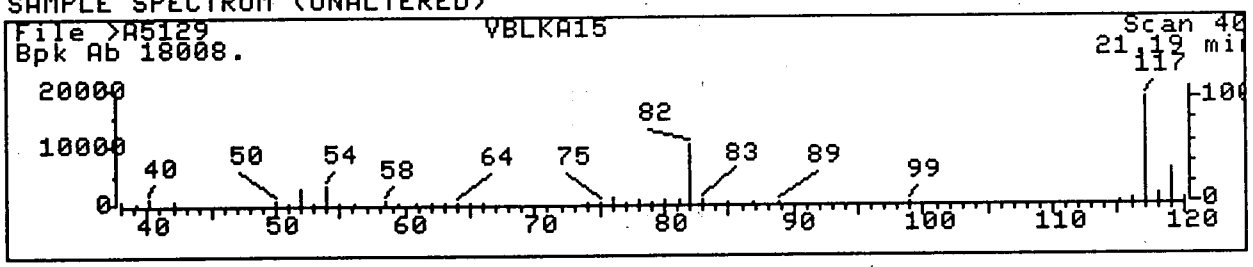
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



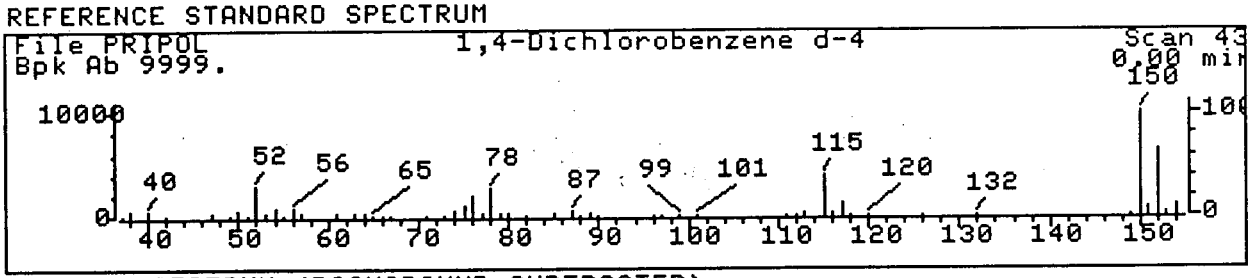
Data File: >A5129::D2
Name: VBLKA15
Misc:
Quant Time: 991208 18:16
Injected at: 991208 17:41
Last Qcal Time: <none>

Quant Output File: ^A5129::D5
Instrument ID: HP5970BA

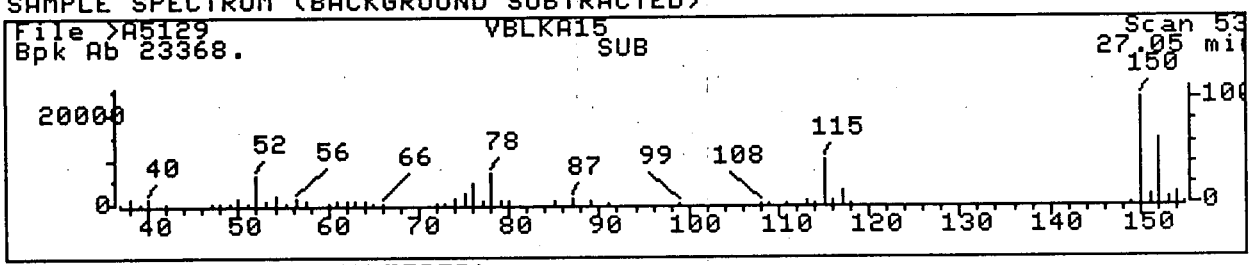
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 43 (ISTD)
Compound Name : Chlorobenzene-d5
Scan Number : 408
Retention Time: 21.19 min.
Quant Ion : 117.0
Area : 125958
Concentration : 50.00 ug/l
q-value : 100

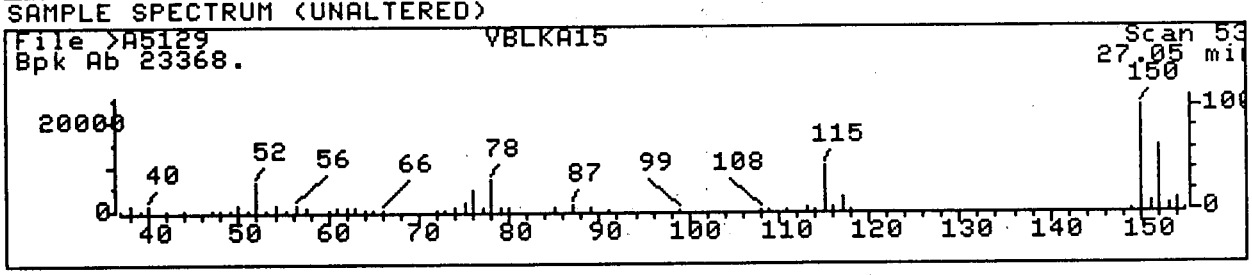
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >A5129::D2
Name: VBLKA15
Misc:
Quant Time: 991208 18:16
Injected at: 991208 17:41
Last Qcal Time: <none>

Quant Output File: ^A5129::D5
Instrument ID: HP5970BA
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 55 (ISTD)
Compound Name : 1,4-Dichlorobenzene-d4
Scan Number : 537
Retention Time: 27.05 min.
Quant Ion : 152.0
Area : 79631
Concentration : 50.00 ug/l
q-value : 92

Operator ID: ROBERT
Output File: ^A5132::D5
Data File: >A5132::D2
Name: 9912994
Misc: 6481 OE

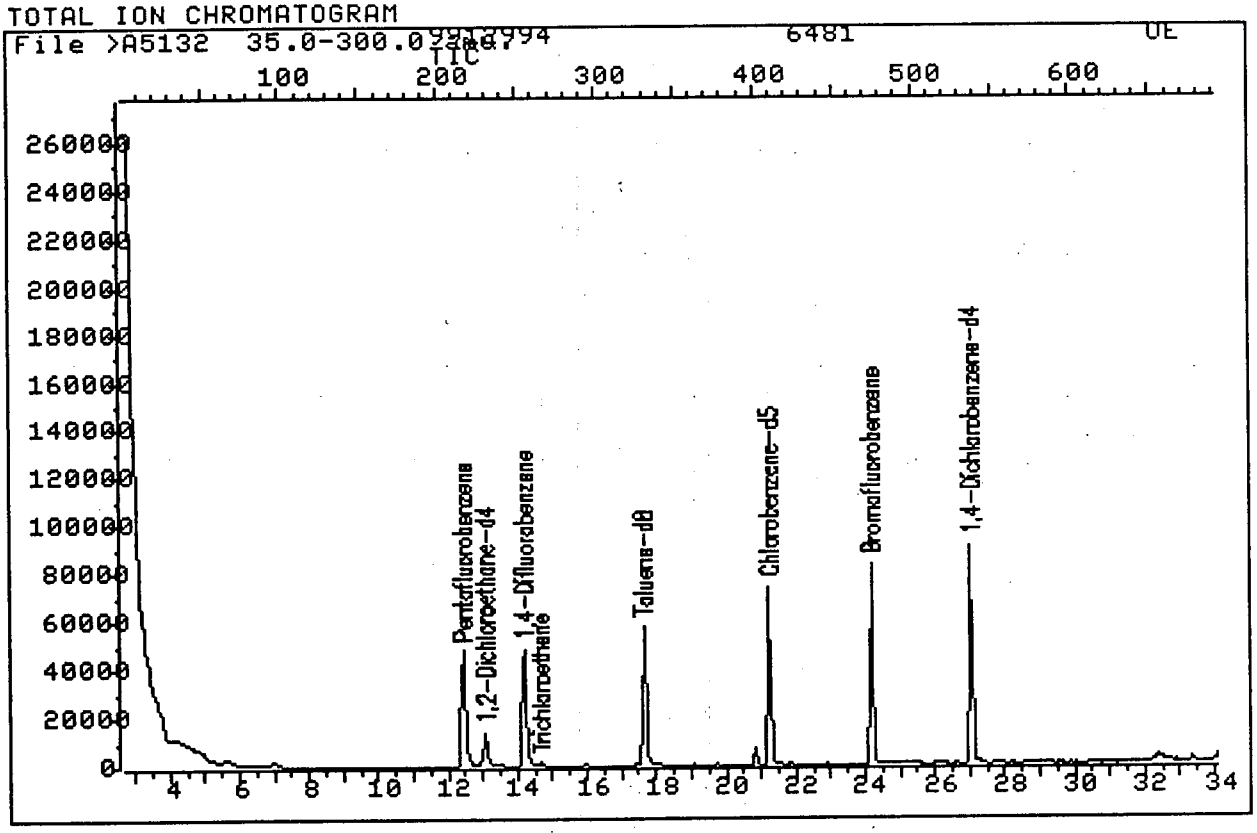
Quant Rev: 7 Quant Time: 991208 20:18
Injected at: 991208 19:43
Dilution Factor: 1.00000
Instrument ID: HP5970BA
DCOMP-1

ID File: IDAS06::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991208 17:16 Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Pentafluorobenzene	12.43	168.0	153776	50.00	ug/l	100
24)	*1,4-Difluorobenzene	14.21	114.0	170972M	50.00	ug/l	86
25)	1,2-Dichloroethane-d4	13.07	65.0	42006	38.25	ug/l	88
30)	Trichloroethene	14.66	95.0	2039	1.31	ug/l	100
36)	Toluene-d8	17.65	98.0	166602	51.52	ug/l	98
42)	Bromofluorobenzene	24.19	95.0	108736	46.08	ug/l	88
43)	*Chlorobenzene-d5	21.24	117.0	136547	50.00	ug/l	100
55)	*1,4-Dichlorobenzene-d4	27.05	152.0	75307	50.00	ug/l	90

* Compound is ISTD

TOTAL ION CHROMATOGRAM

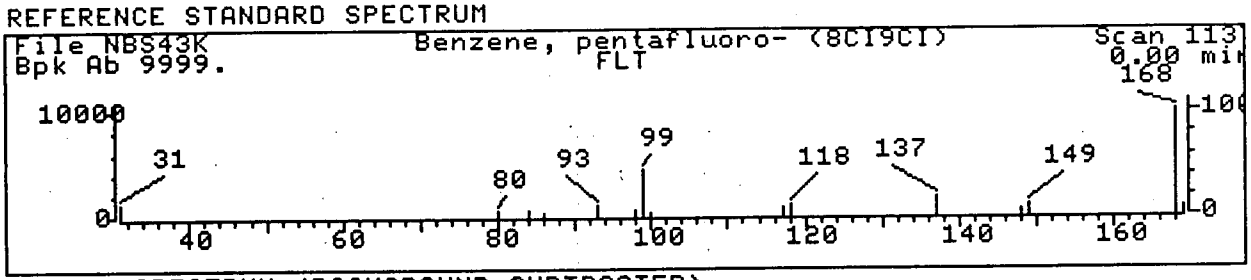


Data File: >A5132::D2 Quant Output File: ^A5132::D5
Name: 9912994 Instrument ID: HP5970BA
Misc: 6481 OE DCOMP-1

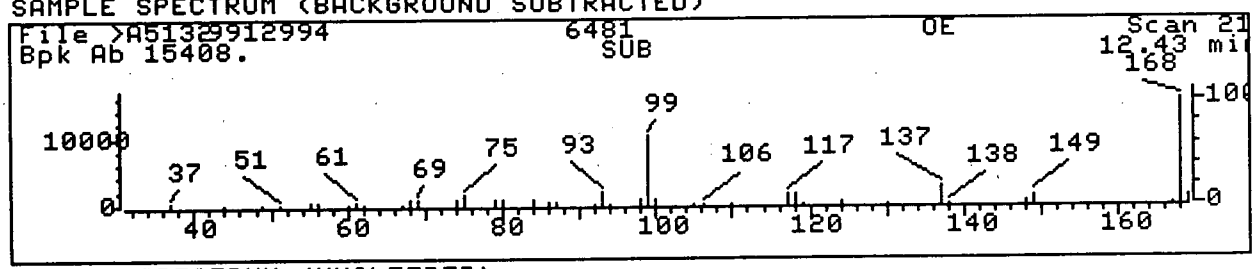
Id File: IDAS06::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991208 17:16 Last Qcal Time: <none>

Operator ID: ROBERT
Quant Time : 991208 20:18
Injected at: 991208 19:43

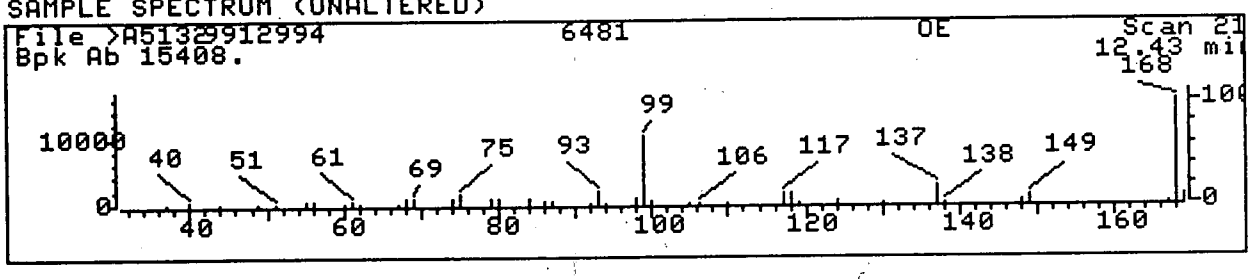
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

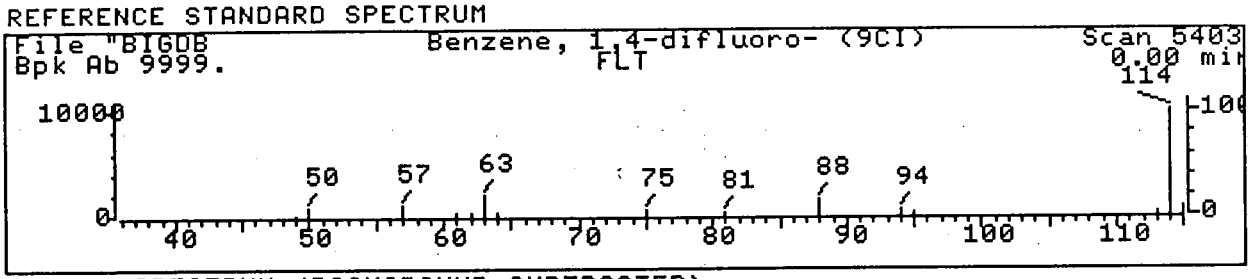


Data File: >A5132::D2
Name: 9912994
Misc: 6481 OE
Quant Time: 991208 20:18
Injected at: 991208 19:43
Last Qcal Time: <none>

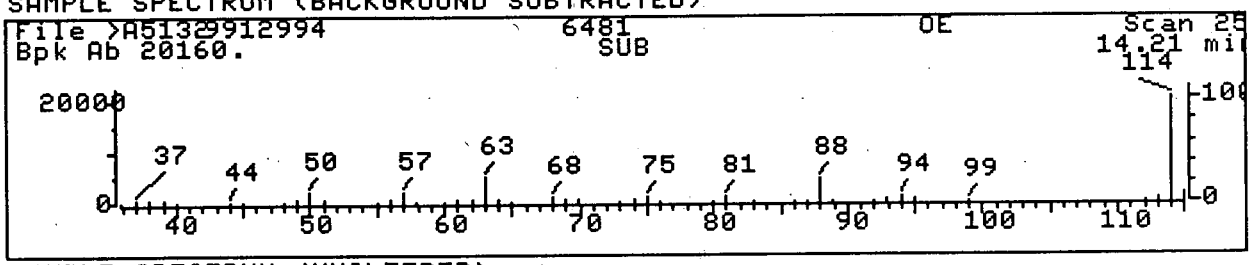
Quant Output File: ^A5132::D5
Instrument ID: HP5970BA
DCOMP-1
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 1 (ISTD)
Compound Name : Pentafluorobenzene
Scan Number : 215
Retention Time: 12.43 min.
Quant Ion : 168.0
Area : 153776
Concentration : 50.00 ug/l
q-value : 100

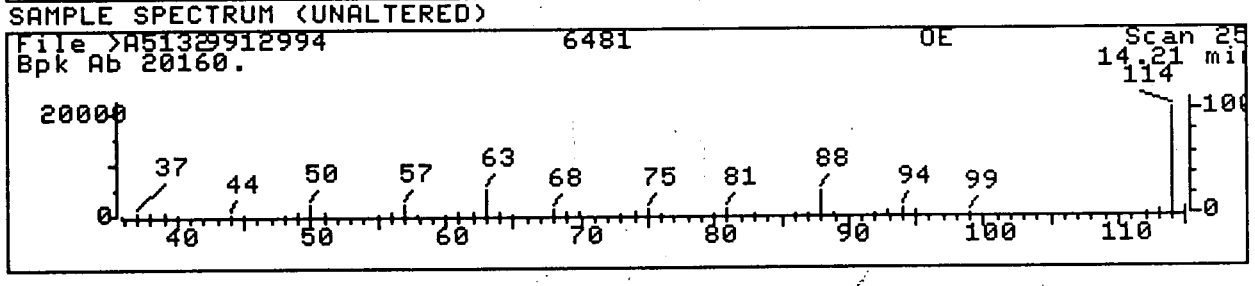
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

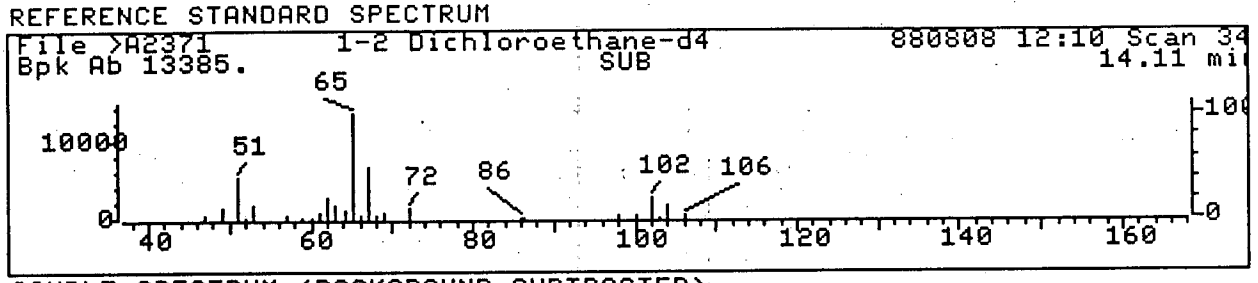


Data File: >A5132::D2
Name: 9912994
Misc: 6481 OE
Quant Time: 991208 20:18
Injected at: 991208 19:43
Last Qcal Time: <none>

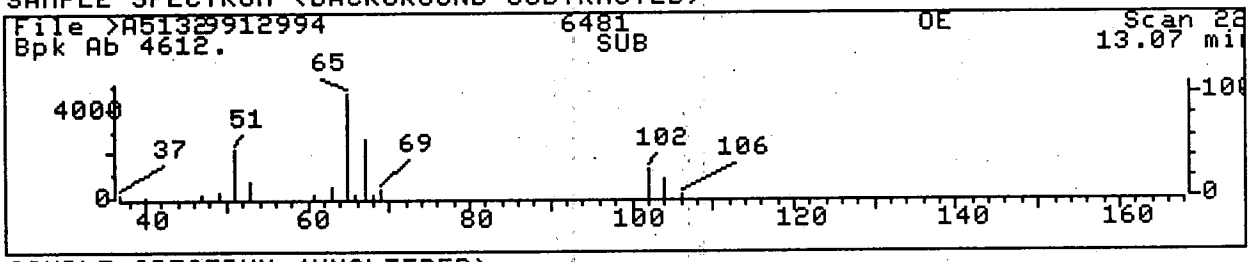
Quant Output File: ^A5132::D5
Instrument ID: HP5970BA
DCOMP-1
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 24 (ISTD)
Compound Name : 1,4-Difluorobenzene
Scan Number : 254
Retention Time: 14.21 min.
Quant Ion : 114.0
Area : 170972M
Concentration : 50.00 ug/l
q-value : 86

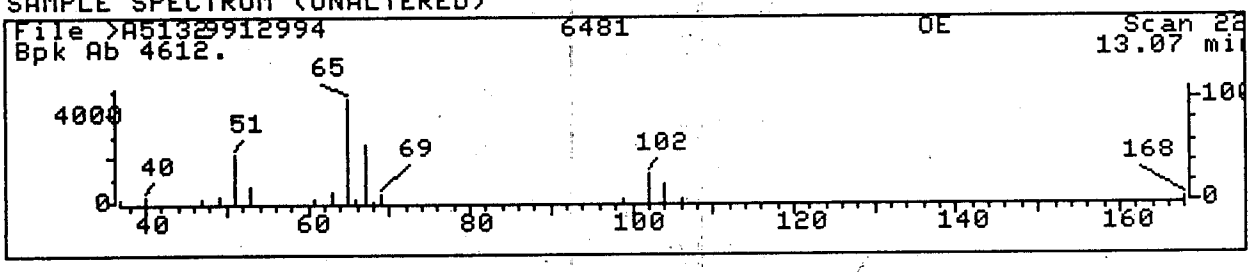
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



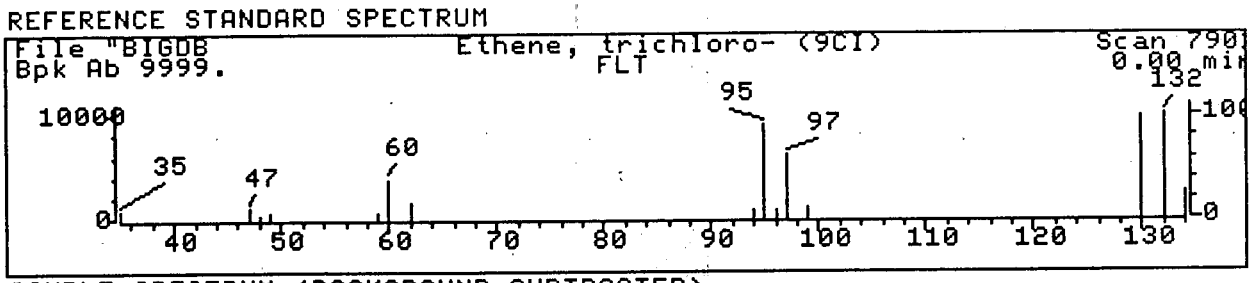
SAMPLE SPECTRUM (UNALTERED)



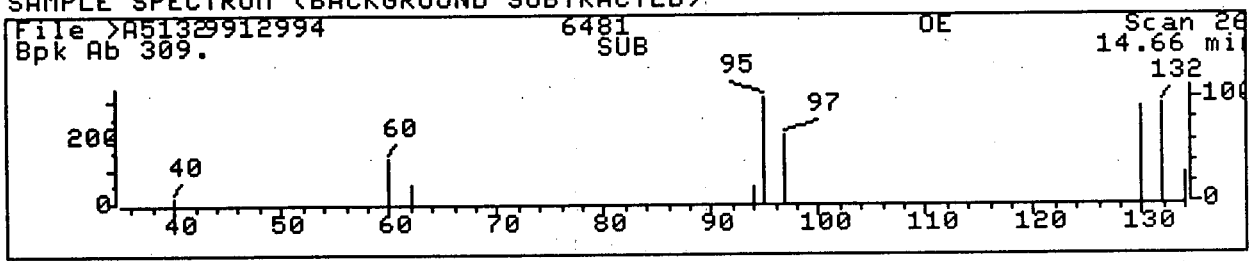
Data File: >A5132::D2 Quant Output File: ^A5132::D5
Name: 9912994 Instrument ID: HP5970BA
Misc: 6481 OE DCOMP-1
Quant Time: 991208 20:18 Quant ID File: IDAS06::D5
Injected at: 991208 19:43 Last Calibration: 991208 17:16
Last Qcal Time: <none>

Compound No : 25
Compound Name : 1,2-Dichloroethane-d4
Scan Number : 229
Retention Time: 13.07 min.
Quant Ion : 65.0
Area : 42006
Concentration : 38.25 ug/l
q-value : 88

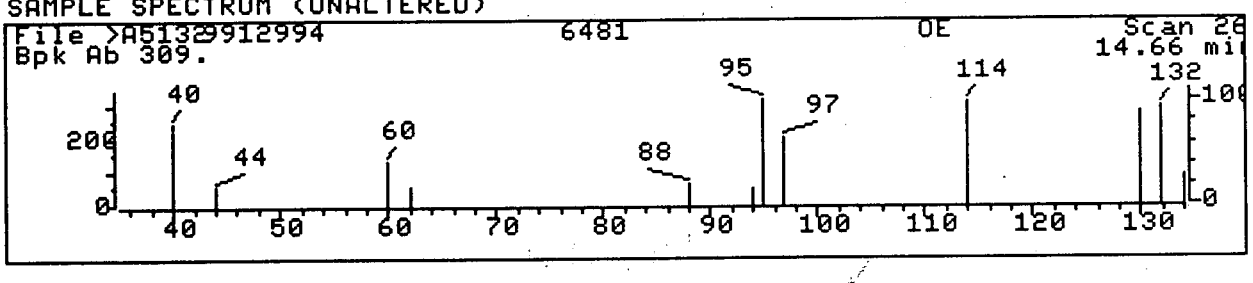
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

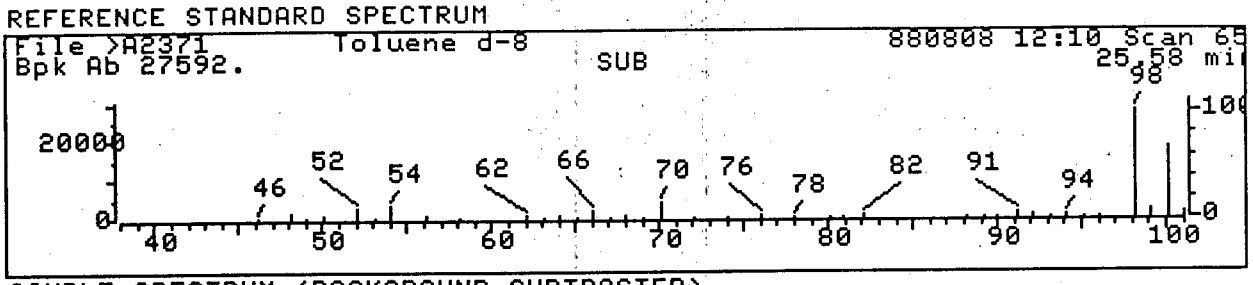


Data File: >A5132::D2
Name: 9912994
Misc: 6481 OE
Quant Time: 991208 20:18
Injected at: 991208 19:43
Last Qcal Time: <none>

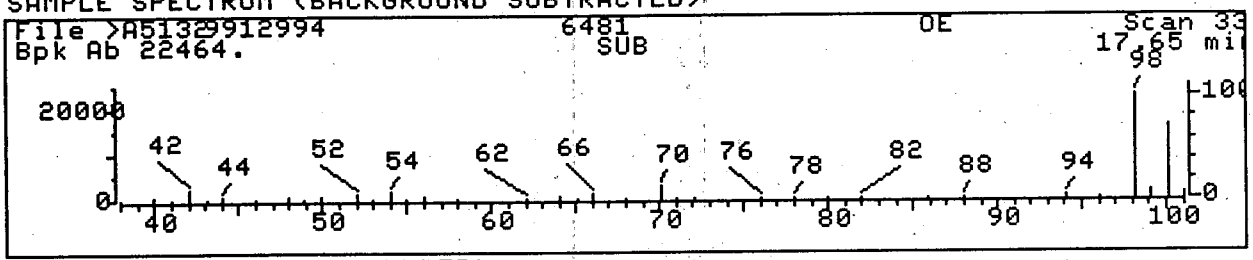
Quant Output File: ^A5132::D5
Instrument ID: HP5970BA
DCOMP-1
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 30
Compound Name : Trichloroethene
Scan Number : 264
Retention Time: 14.66 min.
Quant Ion : 95.0
Area : 2039
Concentration : 1.31 ug/l
q-value : 100

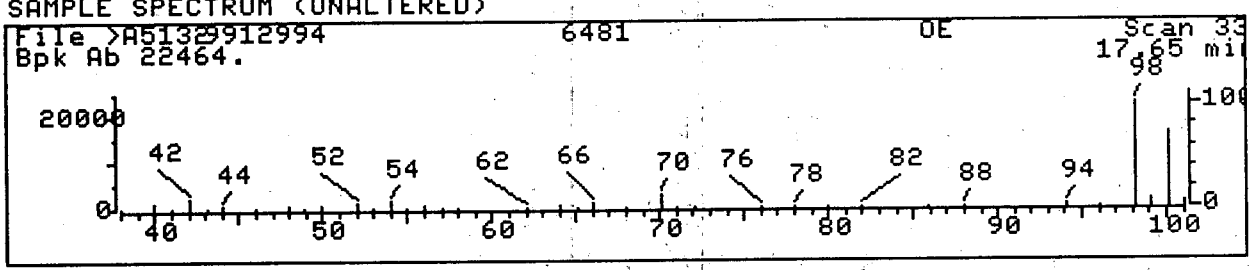
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

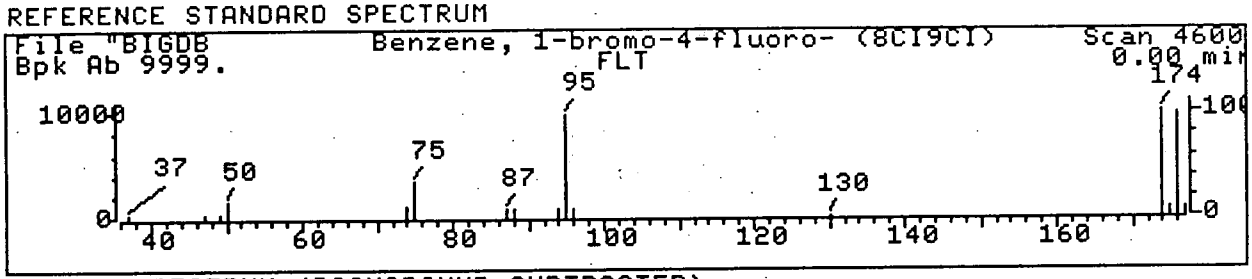


Data File: >A5132::D2
Name: 9912994
Misc: 6481 OE
Quant Time: 991208 20:18
Injected at: 991208 19:43
Last Qcal Time: <none>

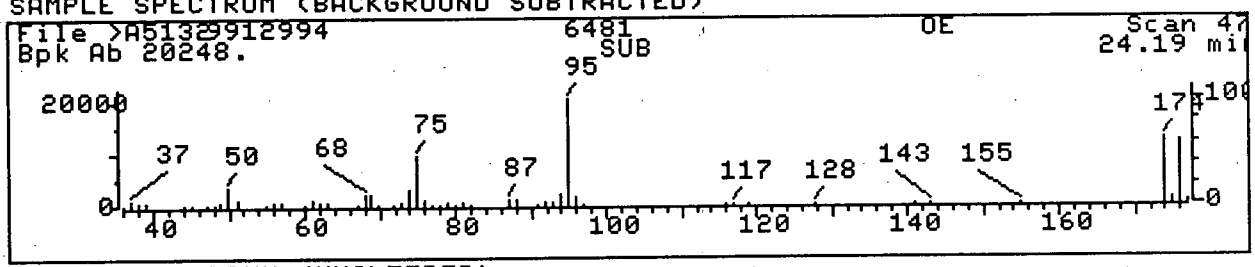
Quant Output File: ^A5132::D5
Instrument ID: HP5970BA
DCOMP-1
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 36
Compound Name : Toluene-d8
Scan Number : 330
Retention Time: 17.65 min.
Quant Ion : 98.0
Area : 166602
Concentration : 51.52 ug/l
q-value : 98

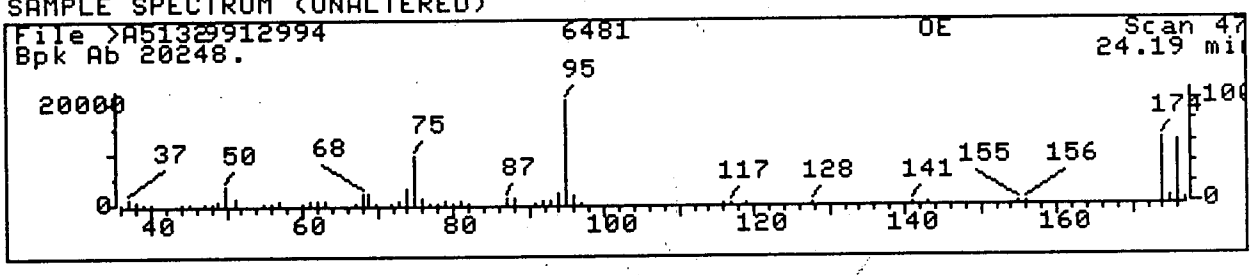
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

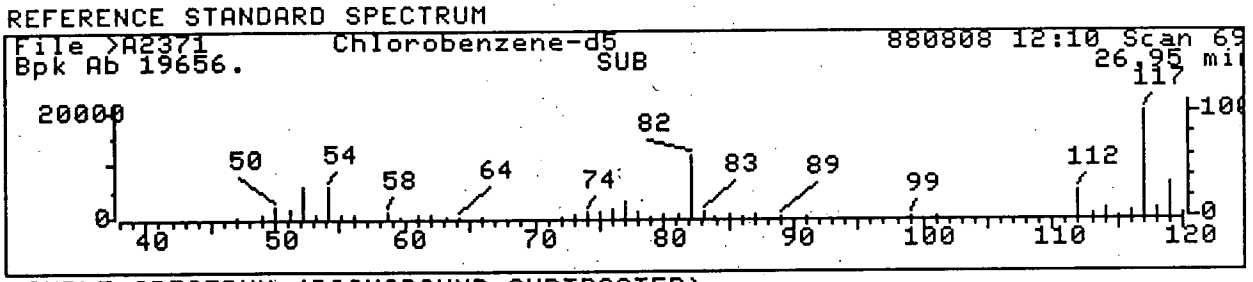


Data File: >A5132::D2
Name: 9912994
Misc: 6481 OE
Quant Time: 991208 20:18
Injected at: 991208 19:43
Last Qcal Time: <none>

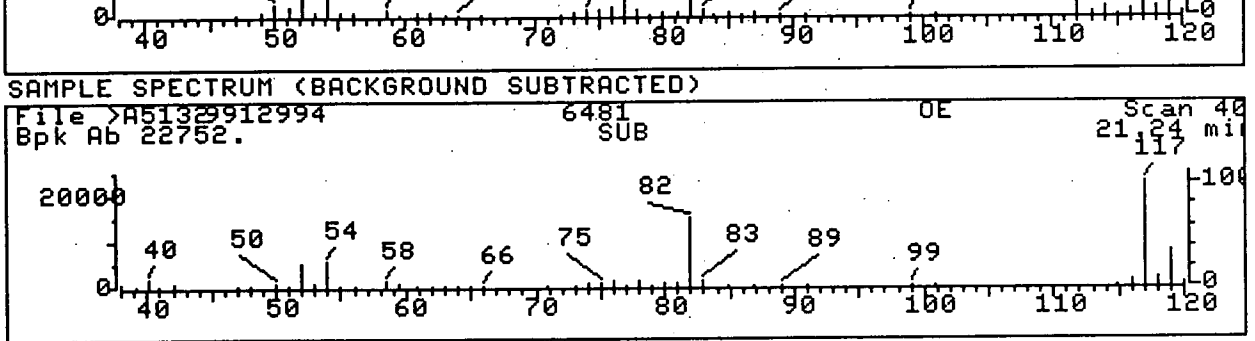
Quant Output File: ^A5132::D5
Instrument ID: HP5970BA
DCOMP-1
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 42
Compound Name : Bromofluorobenzene
Scan Number : 474
Retention Time: 24.19 min.
Quant Ion : 95.0
Area : 108736
Concentration : 46.08 ug/l
q-value : 88

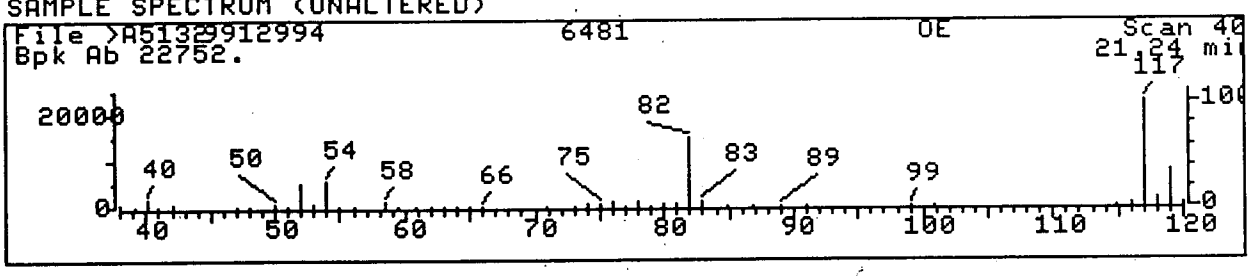
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

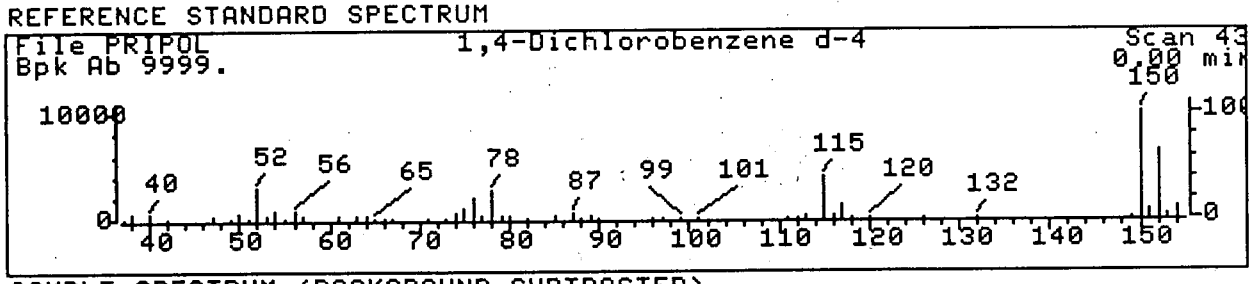


Data File: >A5132::D2
Name: 9912994
Misc: 6481 OE
Quant Time: 991208 20:18
Injected at: 991208 19:43
Last Qcal Time: <none>

Quant Output File: ^A5132::D5
Instrument ID: HP5970BA
DCOMP-1
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 43 (ISTD)
Compound Name : Chlorobenzene-d5
Scan Number : 409
Retention Time: 21.24 min.
Quant Ion : 117.0
Area : 136547
Concentration : 50.00 ug/l
q-value : 100

REFERENCE STANDARD SPECTRUM



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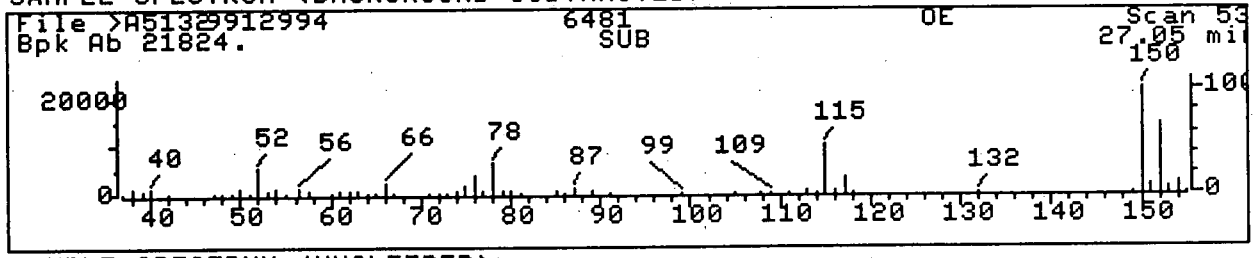
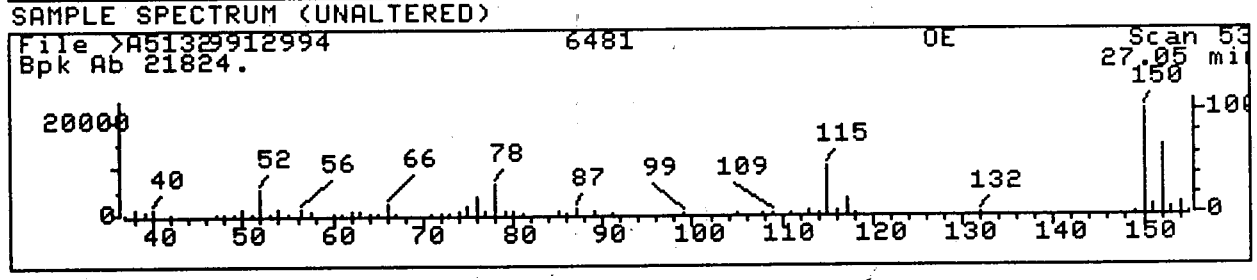


SAMPLE SPECTRUM (UNALTERED)



Data File: >A5132::D2
Name: 9912994
Misc: 6481 OE
Quant Time: 991208 20:18
Injected at: 991208 19:43
Last Qcal Time: <none>

Quant Output File: ^A5132::D5
Instrument ID: HP5970BA
DCOMP-1
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 55 (ISTD)
Compound Name : 1,4-Dichlorobenzene-d4
Scan Number : 537
Retention Time: 27.05 min.
Quant Ion : 152.0
Area : 75307
Concentration : 50.00 ug/l
q-value : 90

Operator ID: ROBERT
Output File: ^A5134::D5
Data File: >A5134::D2
Name: 9912995
Misc: 6481 OE

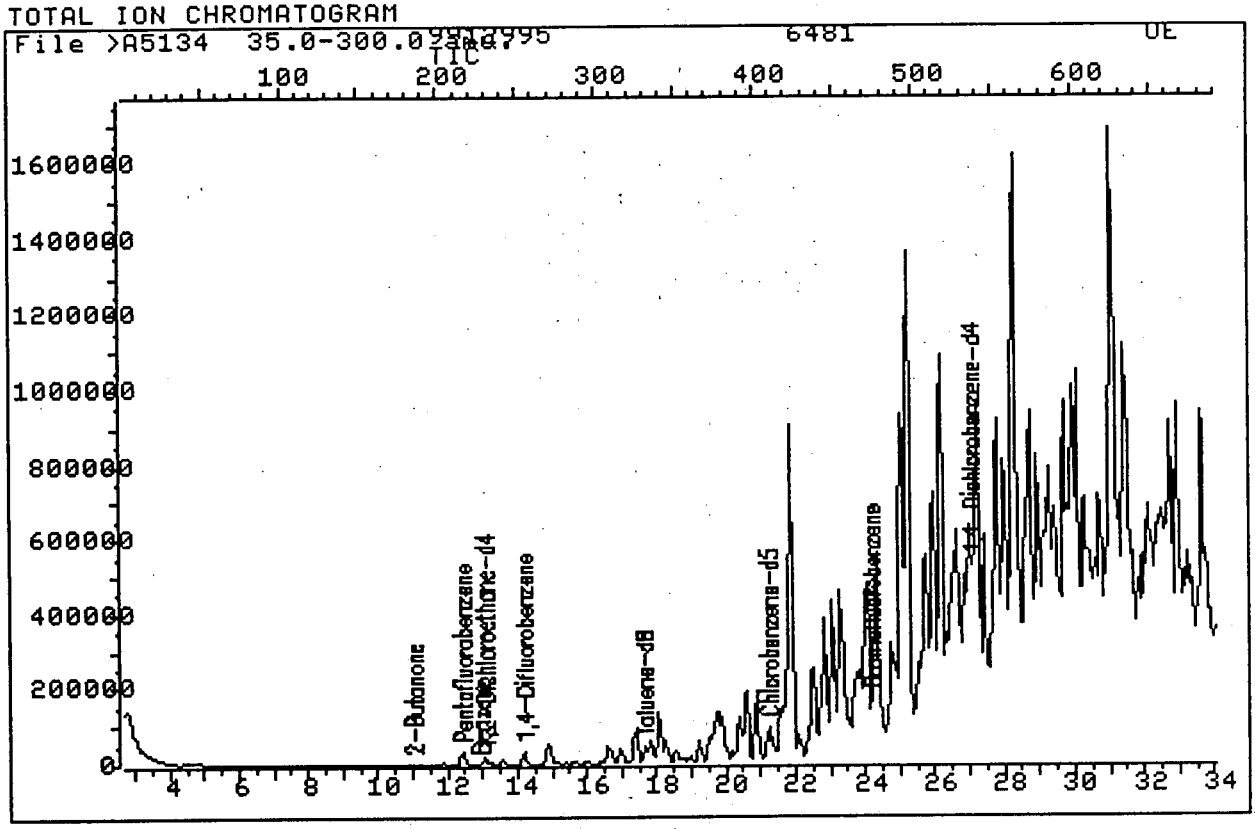
Quant Rev: 7
Quant Time: 991208 21:39
Injected at: 991208 21:04
Dilution Factor: 1.00000
Instrument ID: HP5970BA
DCOMP-2

ID File: IDAS06::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991208 17:16
Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Pentafluorobenzene	12.43	168.0	96625	50.00	ug/l	100
18)	2-Butanone	11.03	43.0	1219M	5.28	ug/l	
24)	*1,4-Difluorobenzene	14.21	114.0	126767	50.00	ug/l	86
25)	1,2-Dichloroethane-d4	13.07	65.0	42431	52.10	ug/l	87
29)	Benzene	12.93	78.0	2370	1.04	ug/l	100
36)	Toluene-d8	17.66	98.0	121427	50.64	ug/l	96
42)	Bromofluorobenzene	24.20	95.0	94577M	54.06	ug/l	98
43)	*Chlorobenzene-d5	21.24	117.0	110528	50.00	ug/l	100
55)	*1,4-Dichlorobenzene-d4	27.06	152.0	54311	50.00	ug/l	94

* Compound is ISTD

TOTAL ION CHROMATOGRAM

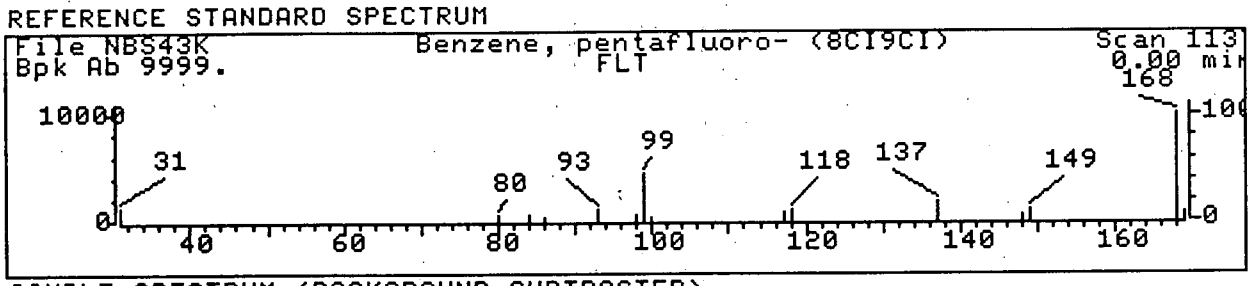


Data File: >A5134::D2 Quant Output File: ^A5134::D5
Name: 9912995 Instrument ID: HP5970BA
Misc: 6481 OE DCOMP-2

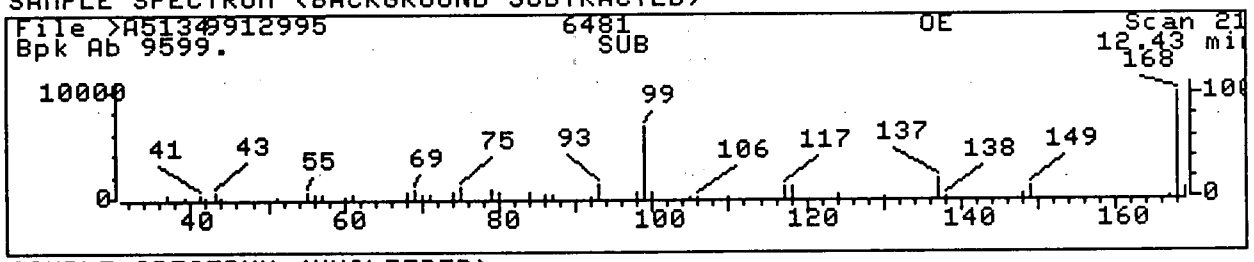
Id File: IDAS06::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991208 17:16 Last Qcal Time: <none>

Operator ID: ROBERT
Quant Time : 991208 21:39
Injected at: 991208 21:04

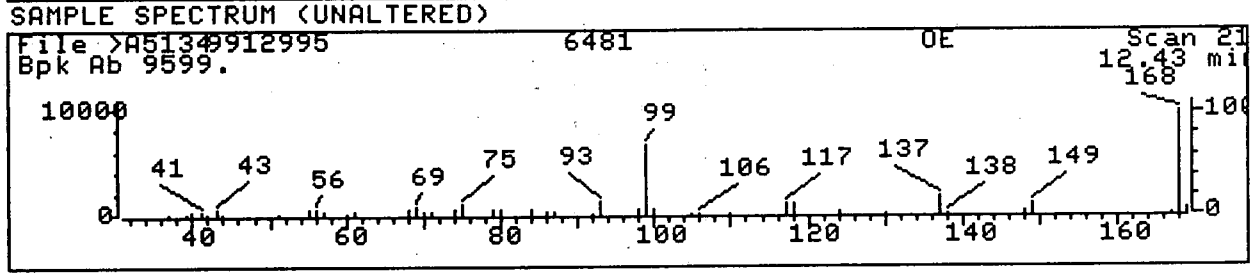
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

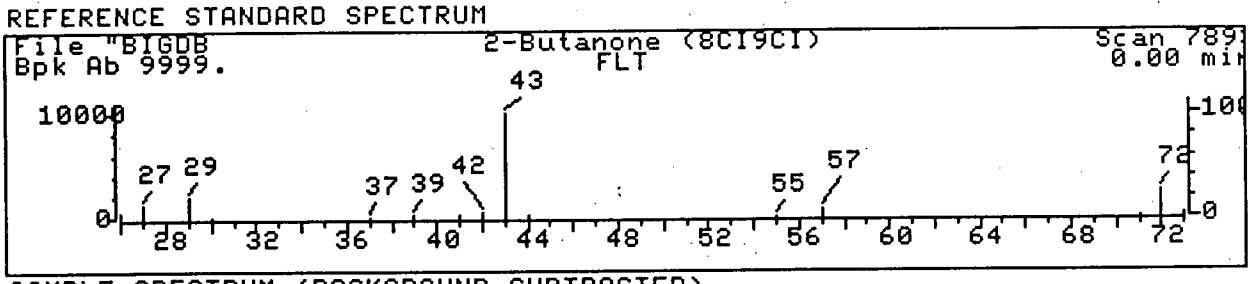


Data File: >A5134::D2
Name: 9912995
Misc: 6481 OE
Quant Time: 991208 21:39
Injected at: 991208 21:04
Last Qcal Time: <none>

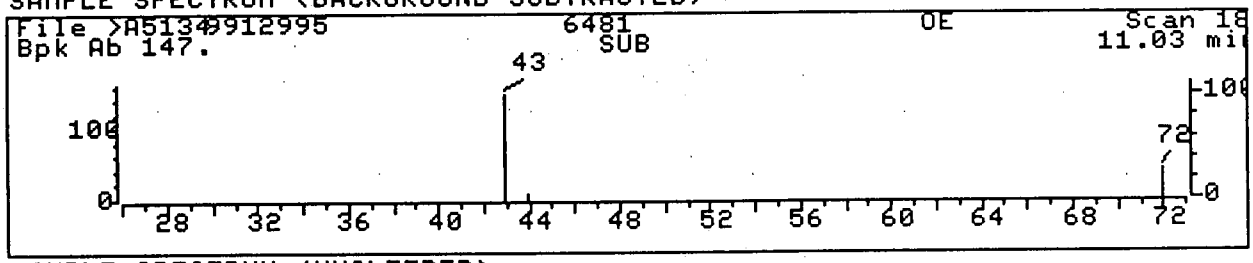
Quant Output File: ^A5134::D5
Instrument ID: HP5970BA
DCOMP-2
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 1 (ISTD)
Compound Name : Pentafluorobenzene
Scan Number : 215
Retention Time: 12.43 min.
Quant Ion : 168.0
Area : 96625
Concentration : 50.00 ug/l
q-value : 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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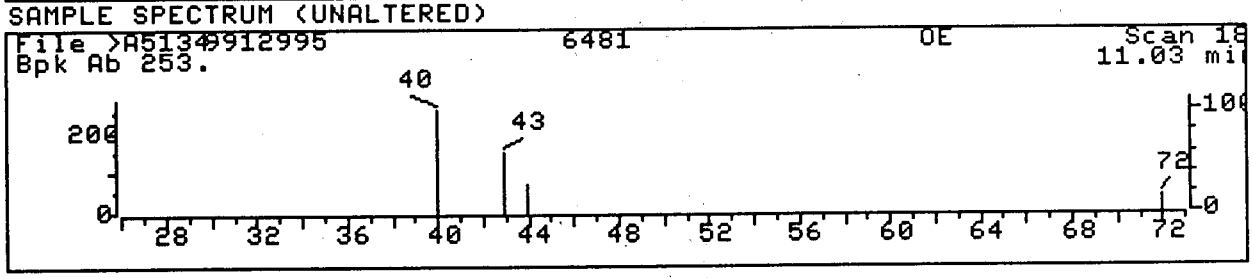
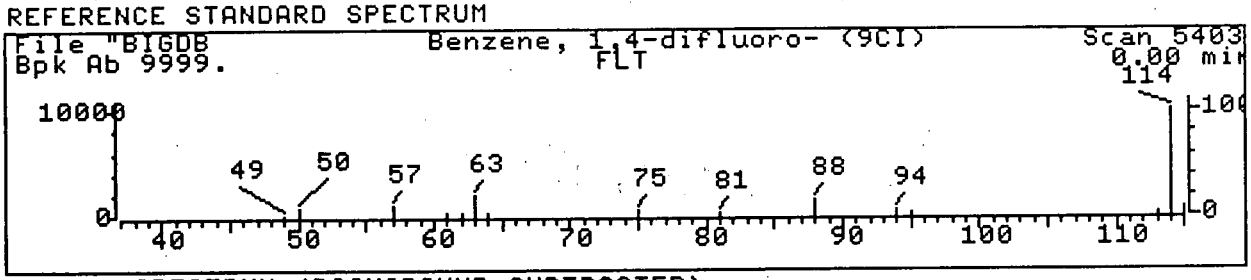


Data File: >A5134::D2
Name: 9912995
Misc: 6481 OE
Quant Time: 991208 21:39
Injected at: 991208 21:04
Last Qcal Time: <none>

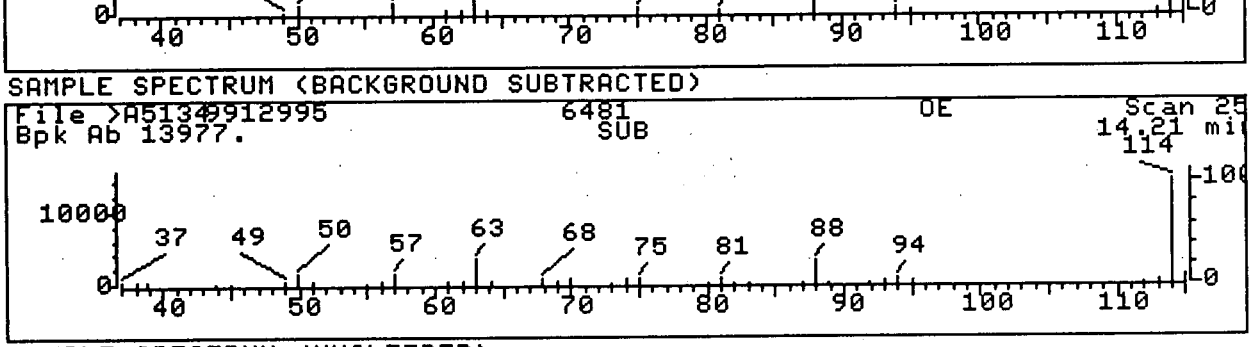
Quant Output File: ^A5134::D5
Instrument ID: HP5970BA
DCOMP-2
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 18
Compound Name : 2-Butanone
Scan Number : 184
Retention Time: 11.03 min.
Quant Ion : 43.0
Area : 1219M
Concentration : 5.28 ug/l

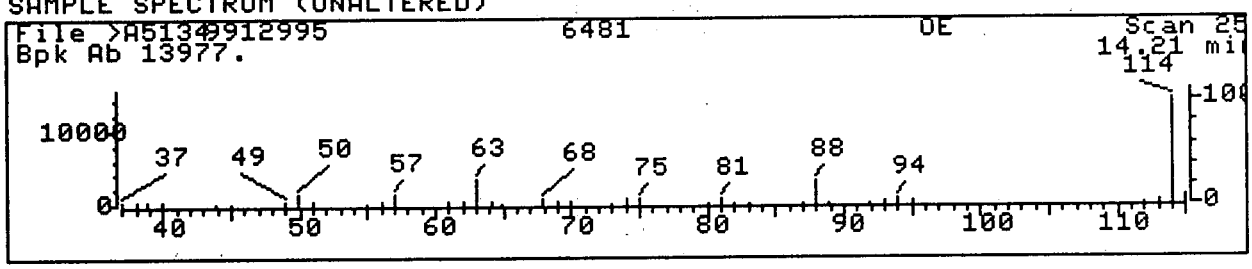
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

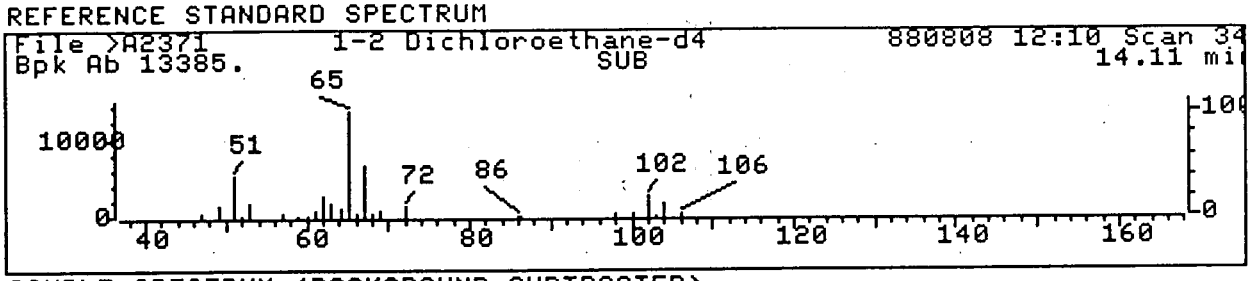


Data File: >A5134::D2
Name: 9912995
Misc: 6481 OE
Quant Time: 991208 21:39
Injected at: 991208 21:04
Last Qcal Time: <none>

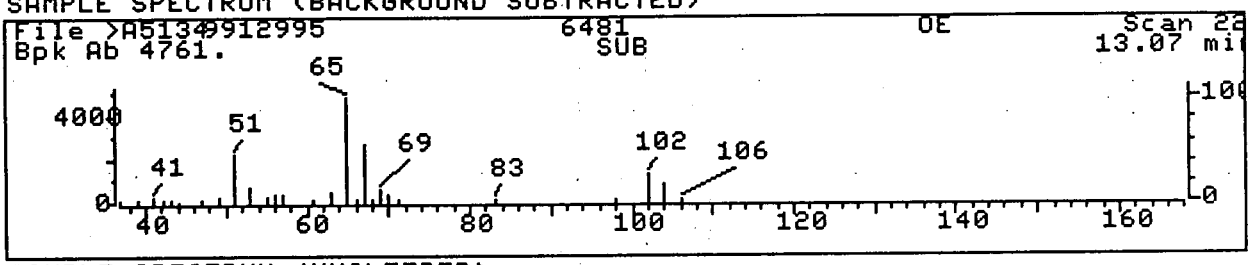
Quant Output File: ^A5134::D5
Instrument ID: HP5970BA
DCOMP-2
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 24 (ISTD)
Compound Name : 1,4-Difluorobenzene
Scan Number : 254
Retention Time: 14.21 min.
Quant Ion : 114.0
Area : 126767
Concentration : 50.00 ug/l
q-value : 86

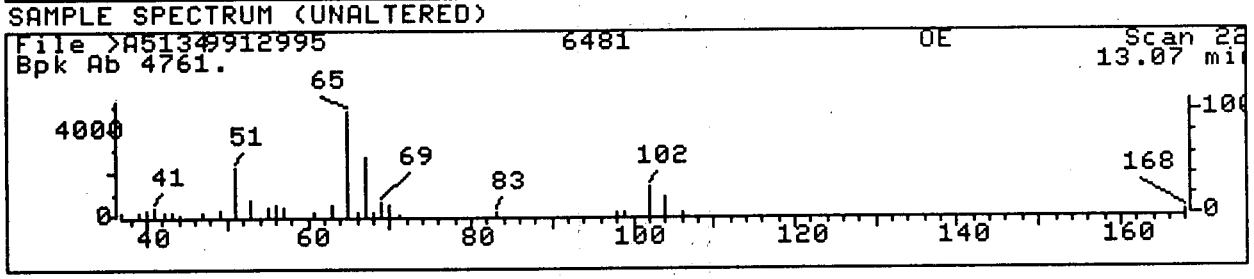
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



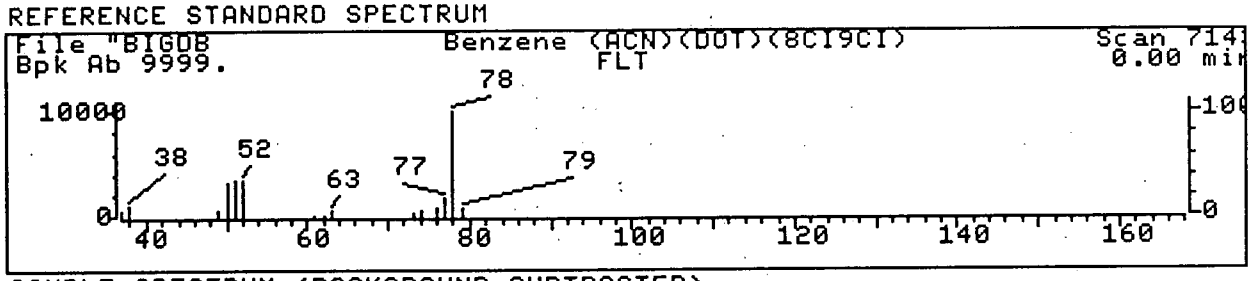
SAMPLE SPECTRUM (UNALTERED)



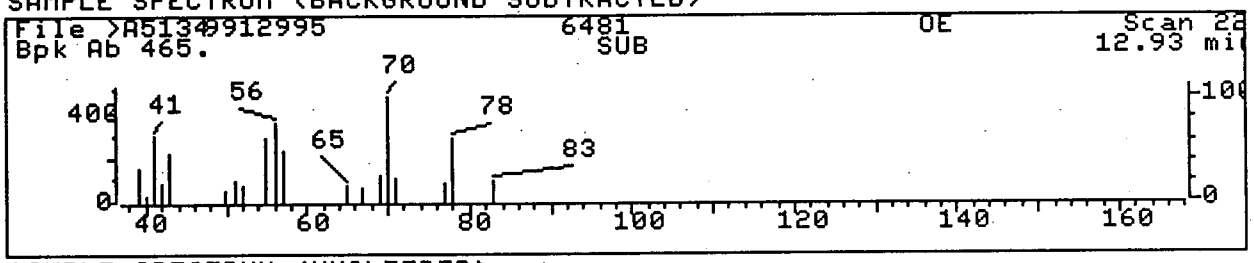
Data File: >A5134::D2 Quant Output File: ^A5134::D5
Name: 9912995 Instrument ID: HP5970BA
Misc: 6481 OE DCOMP-2
Quant Time: 991208 21:39 Quant ID File: IDAS06::D5
Injected at: 991208 21:04 Last Calibration: 991208 17:16
Last Qcal Time: <none>

Compound No : 25
Compound Name : 1,2-Dichloroethane-d4
Scan Number : 229
Retention Time: 13.07 min.
Quant Ion : 65.0
Area : 42431
Concentration : 52.10 ug/l
q-value : 87

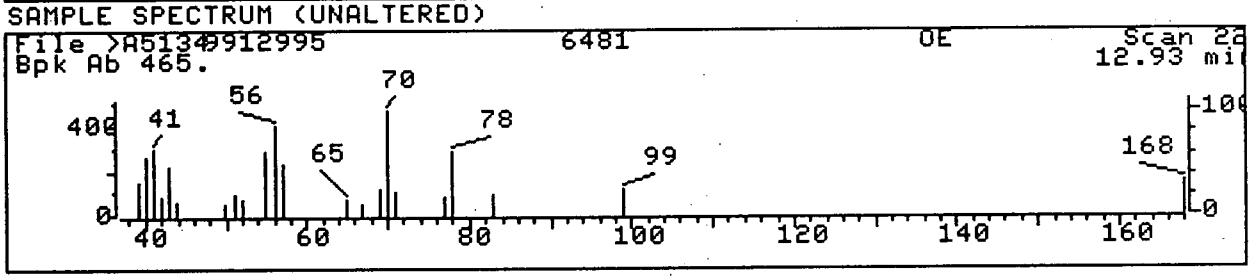
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

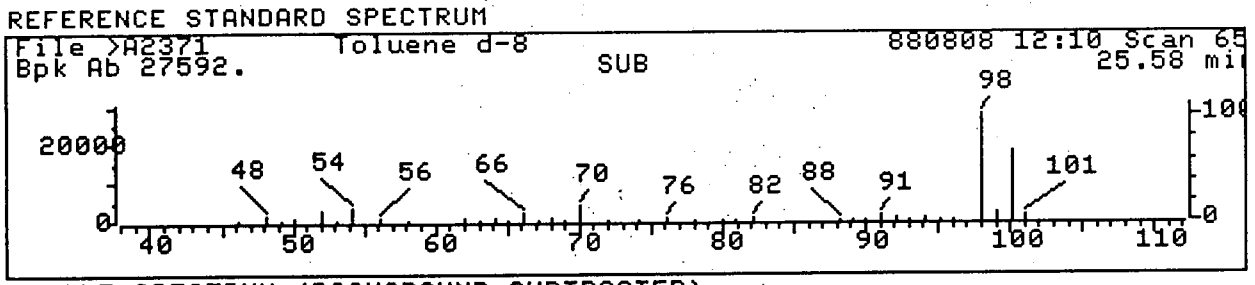


Data File: >A5134::D2
Name: 9912995
Misc: 6481 OE
Quant Time: 991208 21:39
Injected at: 991208 21:04
Last Qcal Time: <none>

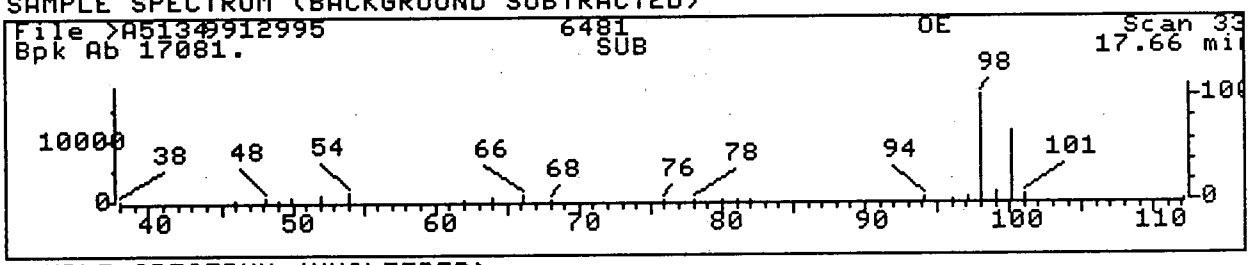
Quant Output File: ^A5134::D5
Instrument ID: HP5970BA
DCOMP-2
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 29
Compound Name : Benzene
Scan Number : 226
Retention Time: 12.93 min.
Quant Ion : 78.0
Area : 2370
Concentration : 1.04 ug/l
q-value : 100

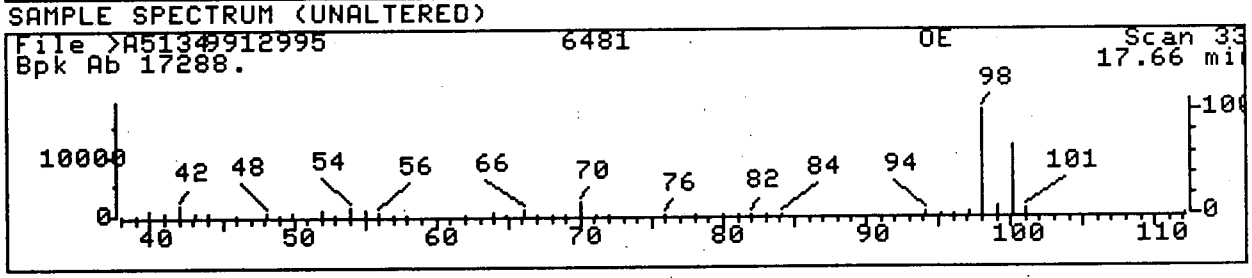
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

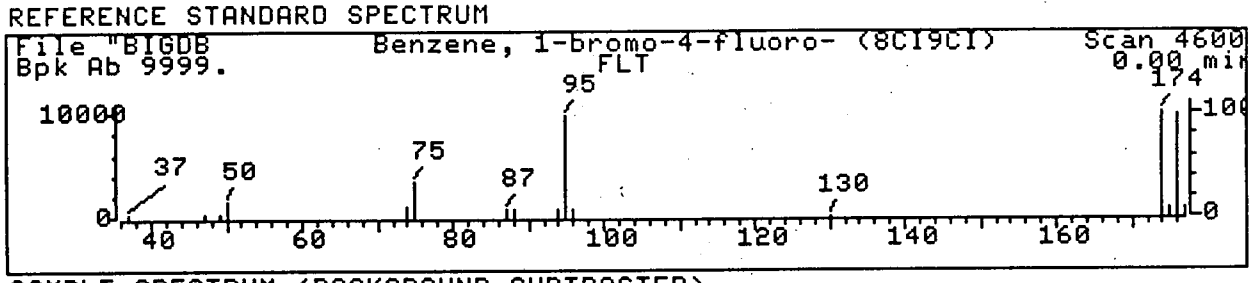


Data File: >A5134::D2
Name: 9912995
Misc: 6481 OE
Quant Time: 991208 21:39
Injected at: 991208 21:04
Last Qcal Time: <none>

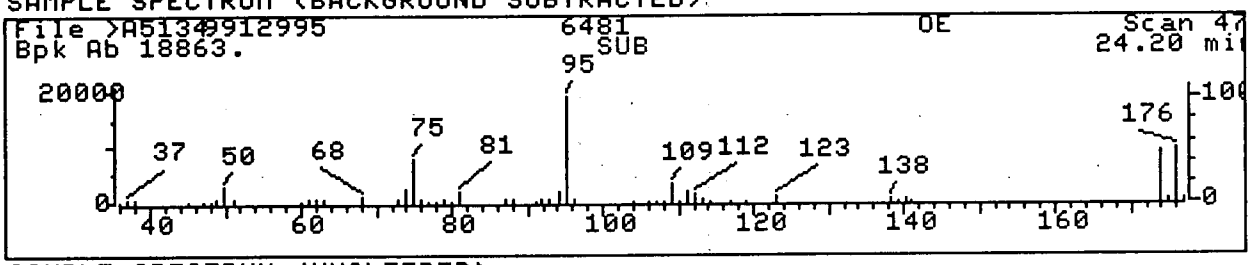
Quant Output File: ^A5134::D5
Instrument ID: HP5970BA
DCOMP-2
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 36
Compound Name : Toluene-d8
Scan Number : 330
Retention Time: 17.66 min.
Quant Ion : 98.0
Area : 121427
Concentration : 50.64 ug/l
q-value : 96

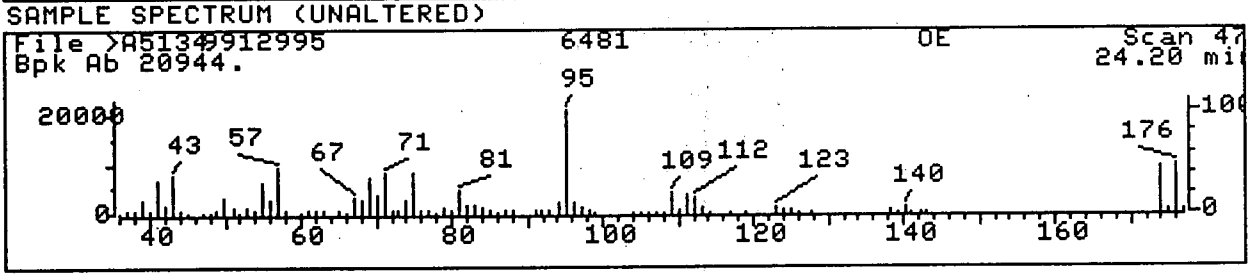
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

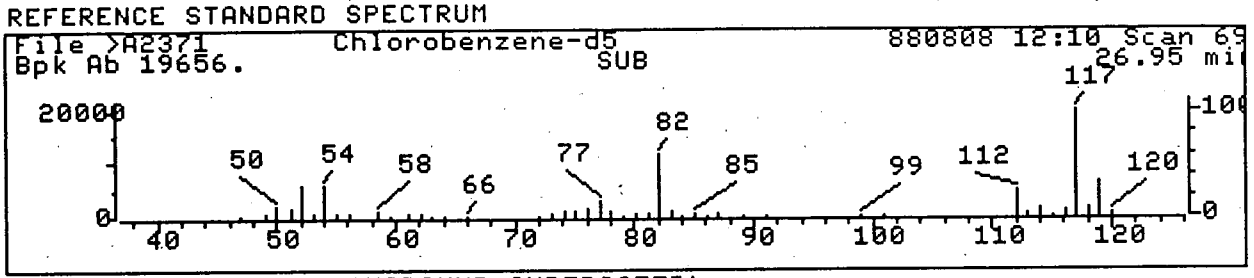


Data File: >A5134::D2
Name: 9912995
Misc: 6481 OE
Quant Time: 991208 21:39
Injected at: 991208 21:04
Last Qcal Time: <none>

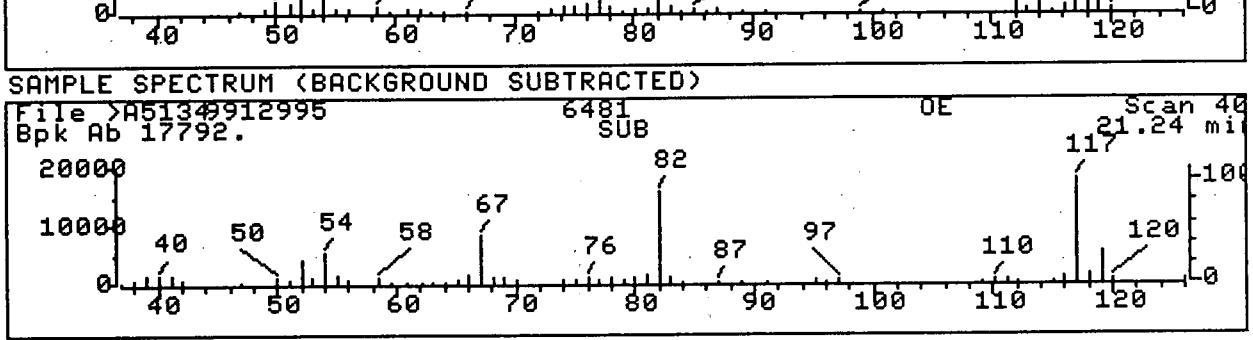
Quant Output File: ^A5134::D5
Instrument ID: HP5970BA
DCOMP-2
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 42
Compound Name : Bromofluorobenzene
Scan Number : 474
Retention Time: 24.20 min.
Quant Ion : 95.0
Area : 94577M
Concentration : 54.06 ug/l
q-value : 98

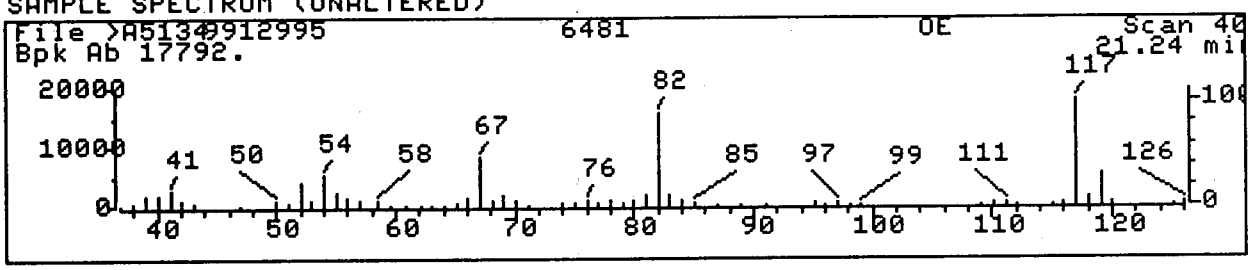
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

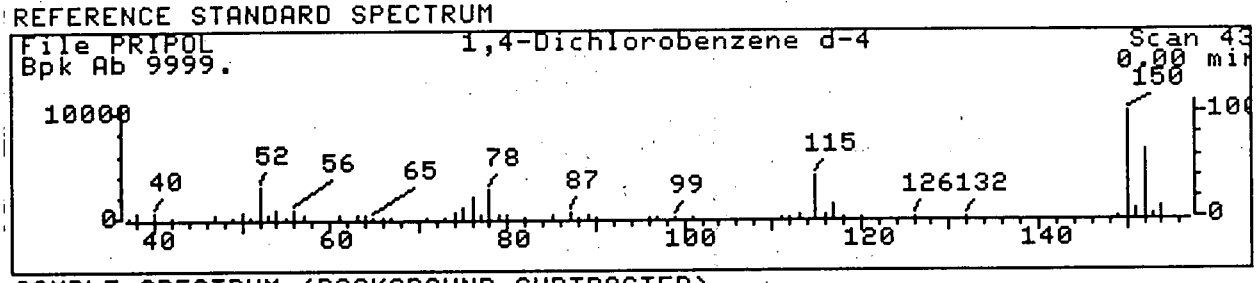


Data File: >A5134::D2
Name: 9912995
Misc: 6481 OE
Quant Time: 991208 21:39
Injected at: 991208 21:04
Last Qcal Time: <none>

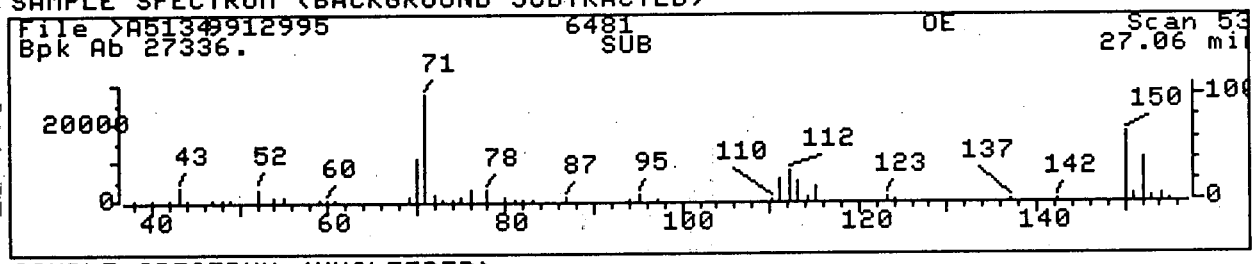
Quant Output File: ^A5134::D5
Instrument ID: HP5970BA
DCOMP-2
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 43 (ISTD)
Compound Name : Chlorobenzene-d5
Scan Number : 409
Retention Time: 21.24 min.
Quant Ion : 117.0
Area : 110528
Concentration : 50.00 ug/l
q-value : 100

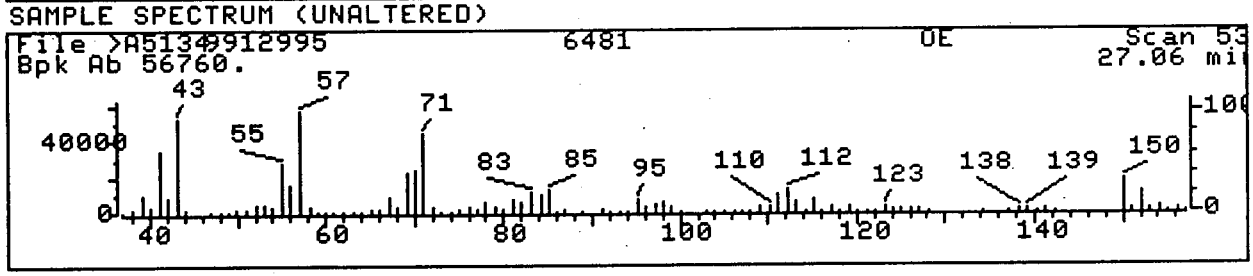
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >A5134::D2
Name: 9912995
Misc: 6481 OE
Quant Time: 991208 21:39
Injected at: 991208 21:04
Last Qcal Time: <none>

Quant Output File: ^A5134::D5
Instrument ID: HP5970BA
DCOMP-2
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 55 (ISTD)
Compound Name : 1,4-Dichlorobenzene-d4
Scan Number : 537
Retention Time: 27.06 min.
Quant Ion : 152.0
Area : 54311
Concentration : 50.00 ug/l
q-value : 94

Operator ID: ROBERT
Output File: ^A5133::D5
Data File: >A5133::D2
Name: 9912996
Misc: 6481 OE

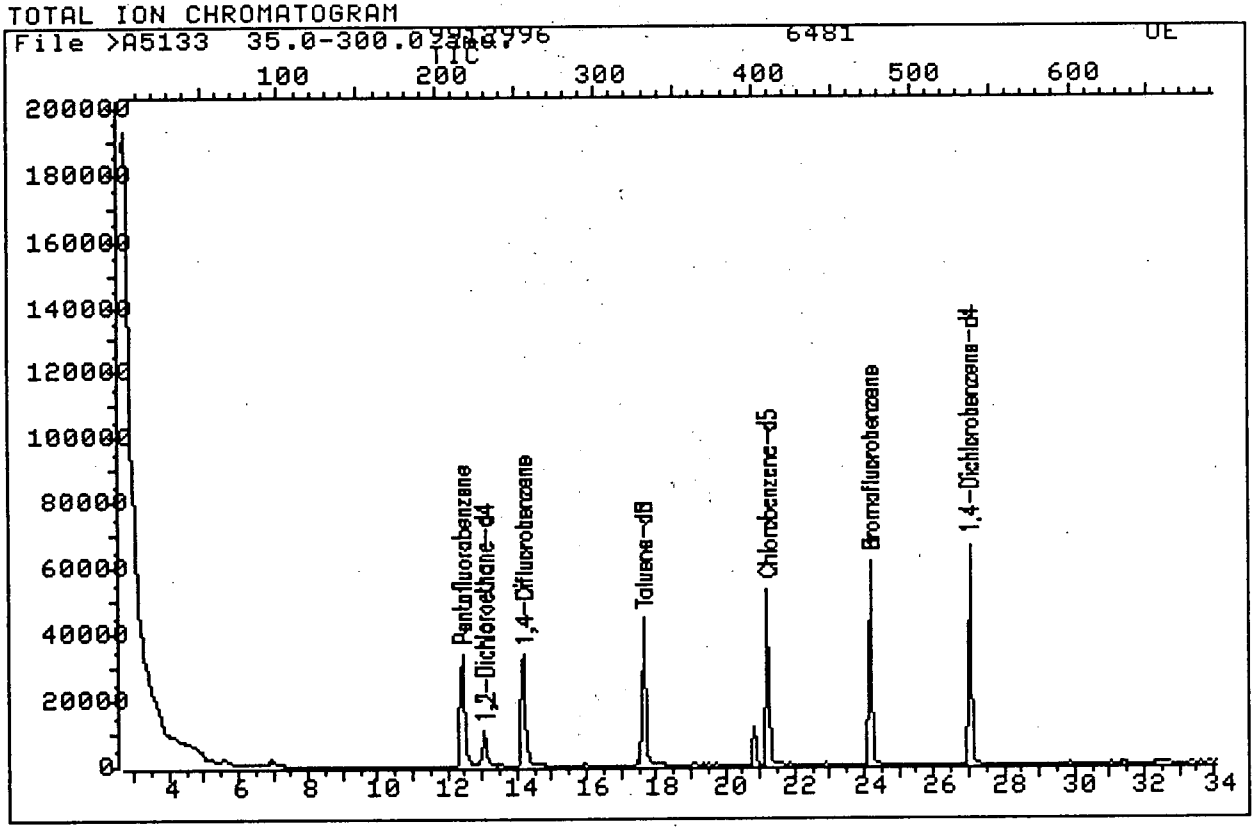
Quant Rev: 7 Quant Time: 991208 20:58
Injected at: 991208 20:23
Dilution Factor: 1.00000
Instrument ID: HP5970BA
SP-1

ID File: IDAS06::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991208 17:16 Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*Pentafluorobenzene	12.43	168.0	108390	50.00	ug/l	100
24)	*1,4-Difluorobenzene	14.21	114.0	125282M	50.00	ug/l	86
25)	1,2-Dichloroethane-d4	13.07	65.0	30805	38.28	ug/l	87
36)	Toluene-d8	17.65	98.0	121469	51.26	ug/l	97
42)	Bromofluorobenzene	24.19	95.0	80888	46.78	ug/l	86
43)	*Chlorobenzene-d5	21.24	117.0	102682	50.00	ug/l	100
55)	*1,4-Dichlorobenzene-d4	27.05	152.0	57297	50.00	ug/l	93

* Compound is ISTD

TOTAL ION CHROMATOGRAM

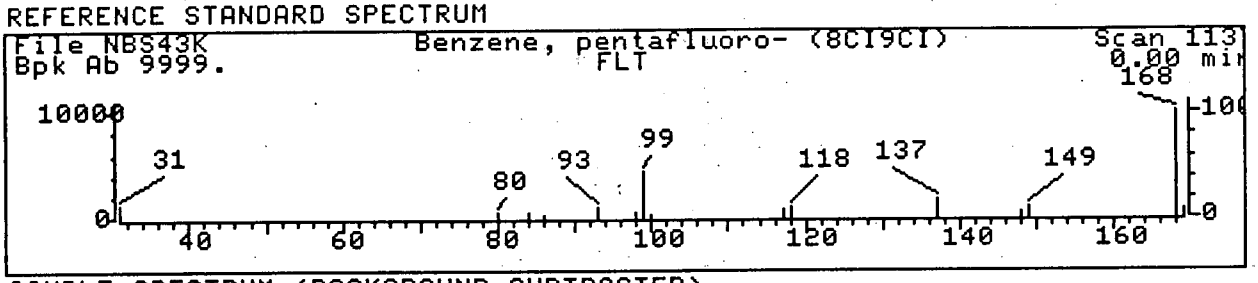


Data File: >A5133::D2 Quant Output File: ^A5133::D5
Name: 9912996 Instrument ID: HP5970BA
Misc: 6481 OE SP-1

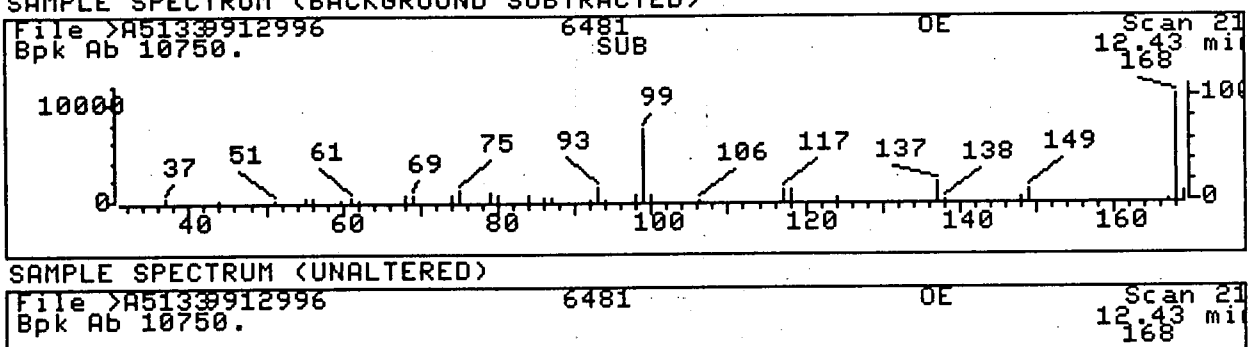
Id File: IDAS06::D5
Title: Accredited Labs ID file for 8260
Last Calibration: 991208 17:16 Last Qcal Time: <none>

Operator ID: ROBERT
Quant Time : 991208 20:58
Injected at: 991208 20:23

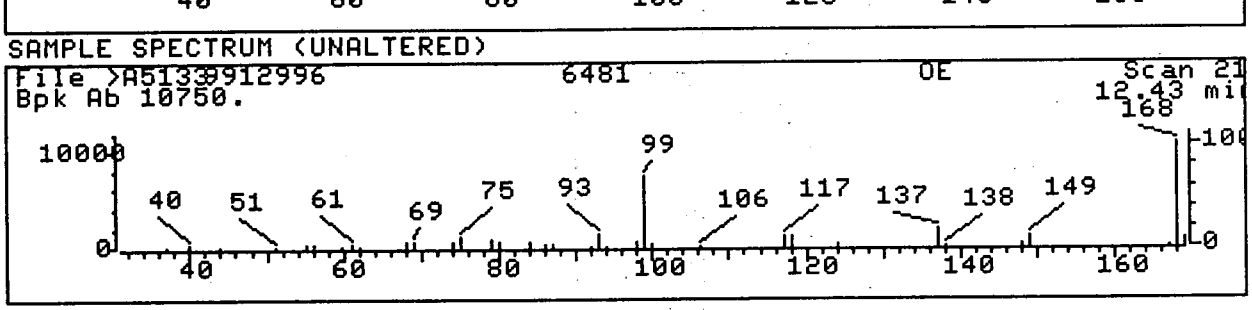
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

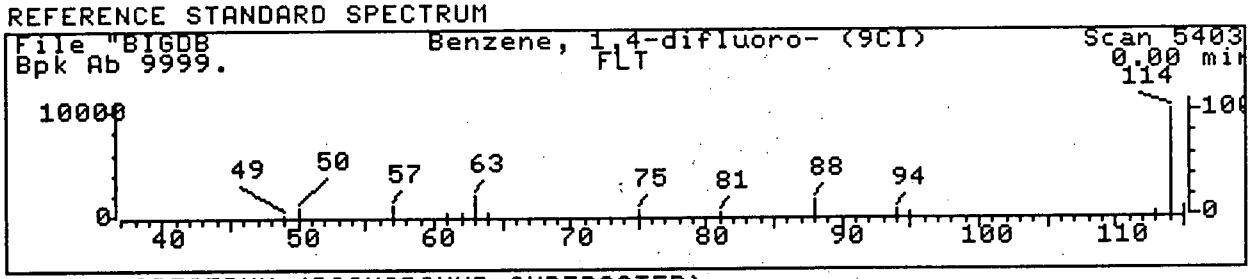


Data File: >A5133::D2
Name: 9912996
Misc: 6481 OE
Quant Time: 991208 20:58
Injected at: 991208 20:23
Last Qcal Time: <none>

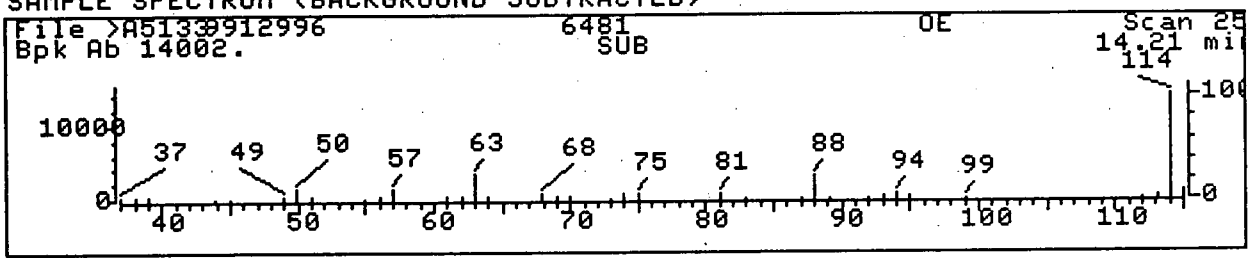
Quant Output File: ^A5133::D5
Instrument ID: HP5970BA
SP-1
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 1 (ISTD)
Compound Name : Pentafluorobenzene
Scan Number : 215
Retention Time: 12.43 min.
Quant Ion : 168.0
Area : 108390
Concentration : 50.00 ug/l
q-value : 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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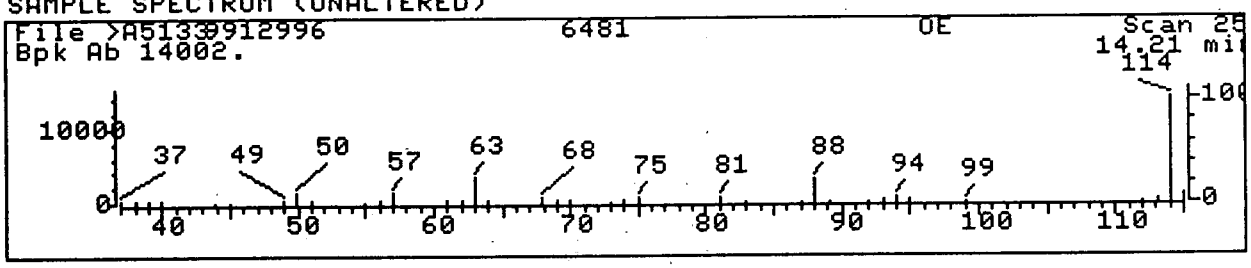
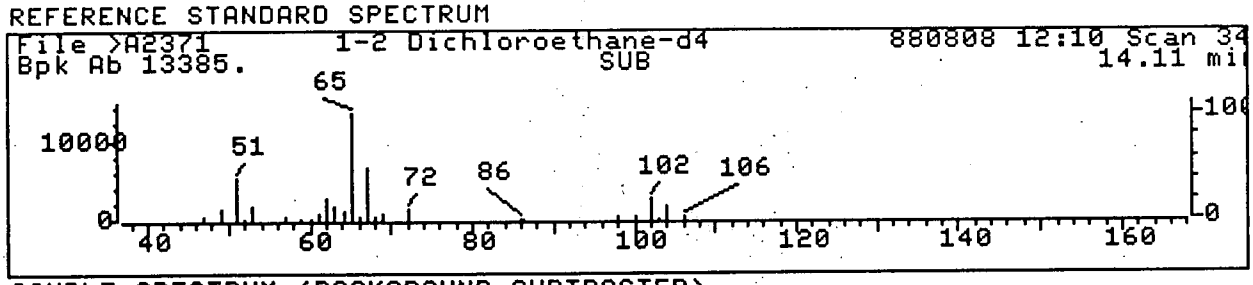


Data File: >A5133::D2
Name: 9912996
Misc: 6481 OE
Quant Time: 991208 20:58
Injected at: 991208 20:23
Last Qcal Time: <none>

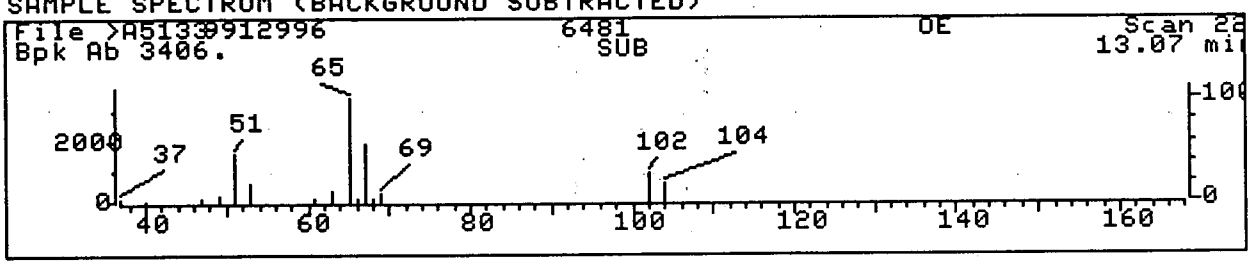
Quant Output File: ^A5133::D5
Instrument ID: HP5970BA
SP-1
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 24 (ISTD)
Compound Name : 1,4-Difluorobenzene
Scan Number : 254
Retention Time: 14.21 min.
Quant Ion : 114.0
Area : 125282M
Concentration : 50.00 ug/l
q-value : 86

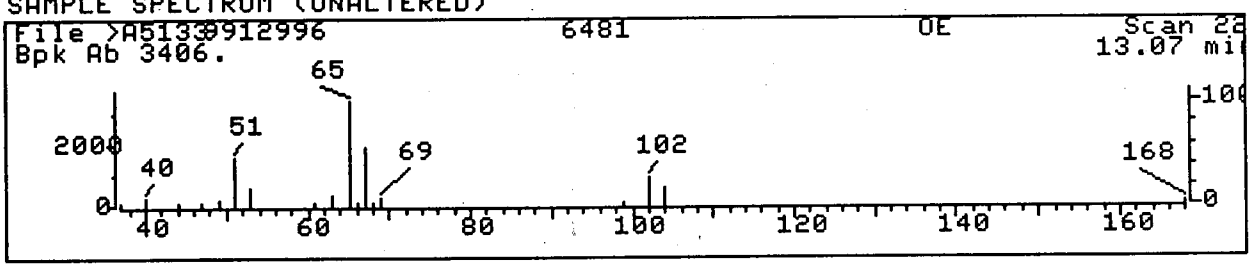
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

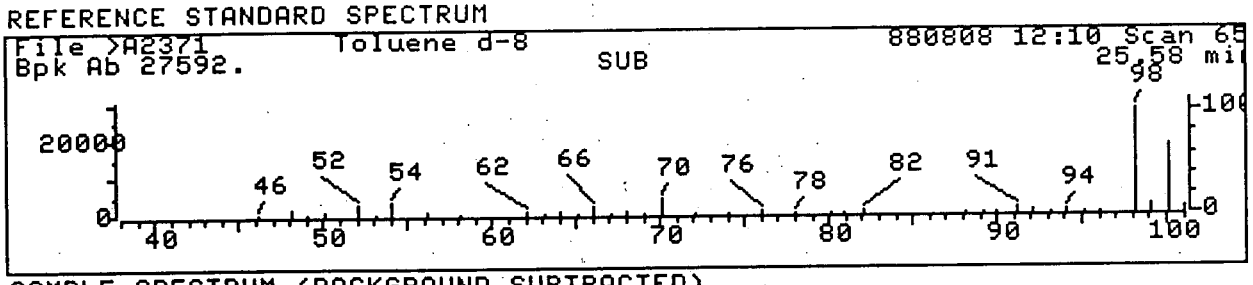


Data File: >A5133::D2
Name: 9912996
Misc: 6481 OE
Quant Time: 991208 20:58
Injected at: 991208 20:23
Last Qcal Time: <none>

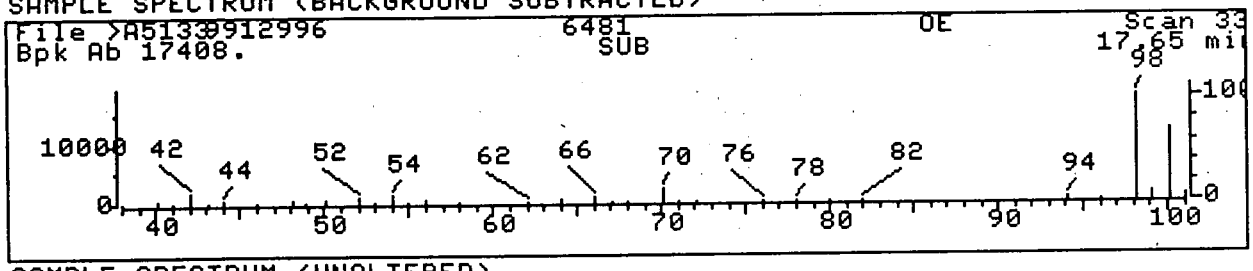
Quant Output File: ^A5133::D5
Instrument ID: HP5970BA
SP-1
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 25
Compound Name : 1,2-Dichloroethane-d4
Scan Number : 229
Retention Time: 13.07 min.
Quant Ion : 65.0
Area : 30805
Concentration : 38.28 ug/l
q-value : 87

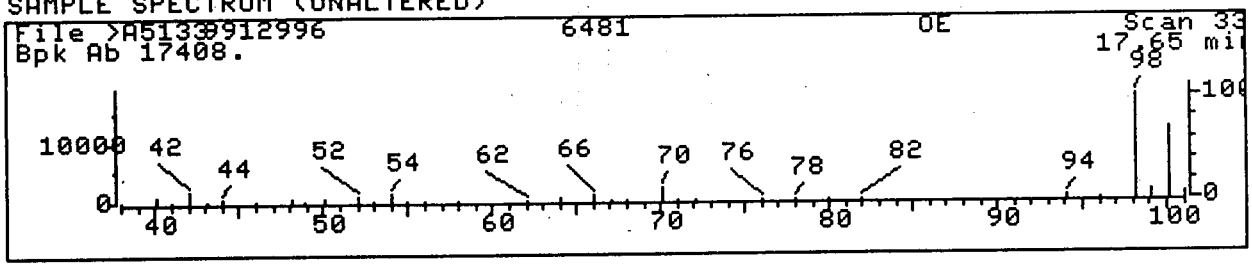
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

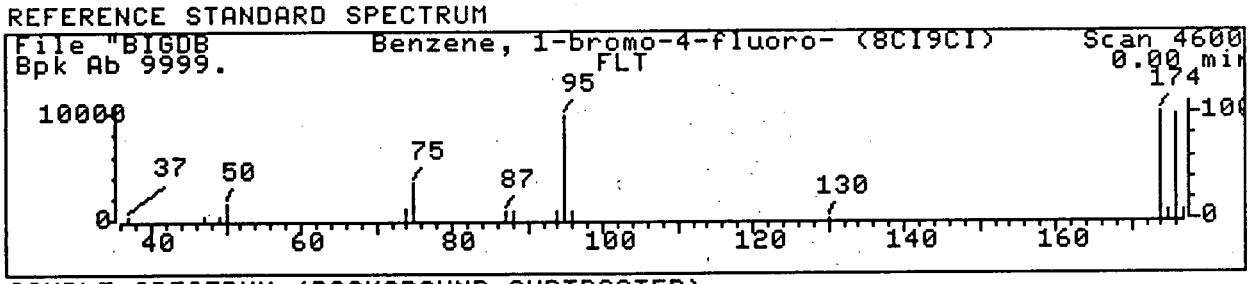


Data File: >A5133::D2
Name: 9912996
Misc: 6481 OE
Quant Time: 991208 20:58
Injected at: 991208 20:23
Last Qcal Time: <none>

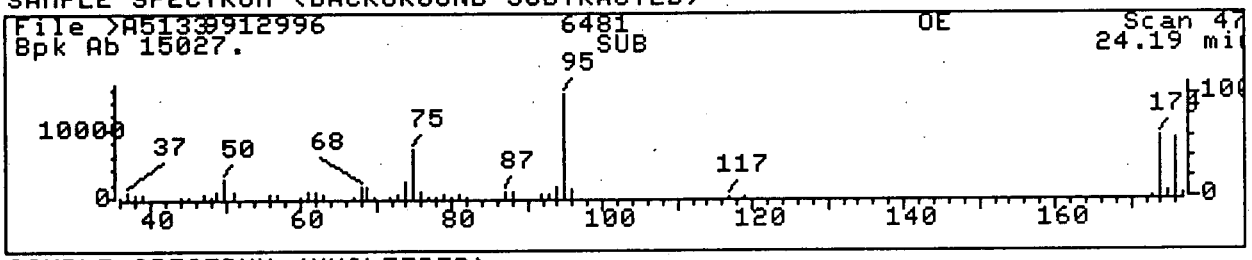
Quant Output File: ^A5133::D5
Instrument ID: HP5970BA
SP-1
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 36
Compound Name : Toluene-d8
Scan Number : 330
Retention Time: 17.65 min.
Quant Ion : 98.0
Area : 121469
Concentration : 51.26 ug/l
q-value : 97

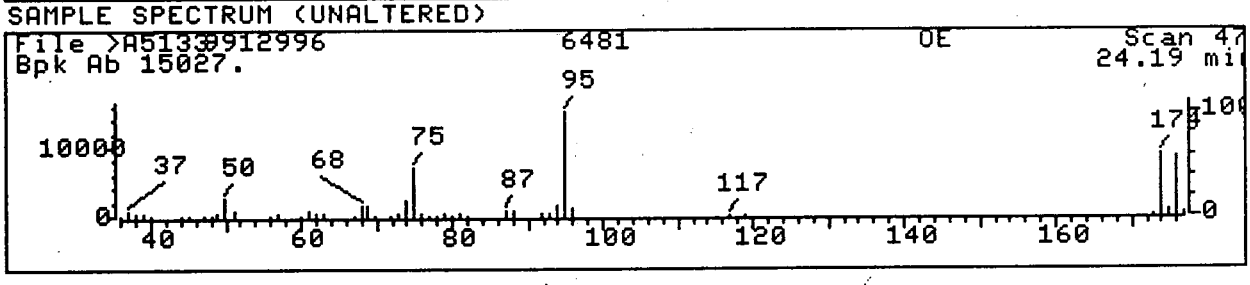
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

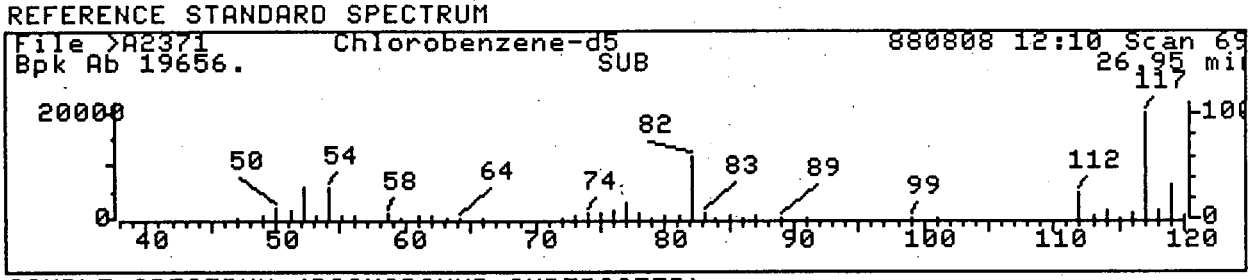


Data File: >A5133::D2
Name: 9912996
Misc: 6481 OE
Quant Time: 991208 20:58
Injected at: 991208 20:23
Last Qcal Time: <none>

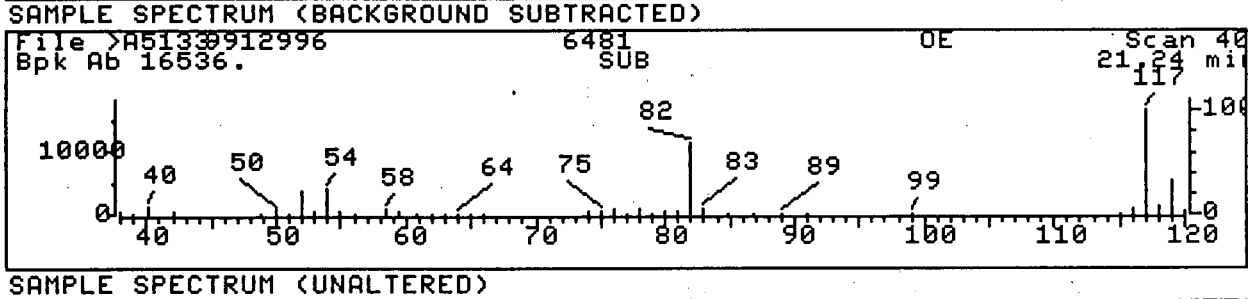
Quant Output File: ^A5133::D5
Instrument ID: HP5970BA
SP-1
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 42
Compound Name : Bromofluorobenzene
Scan Number : 474
Retention Time: 24.19 min.
Quant Ion : 95.0
Area : 80888
Concentration : 46.78 ug/l
q-value : 86

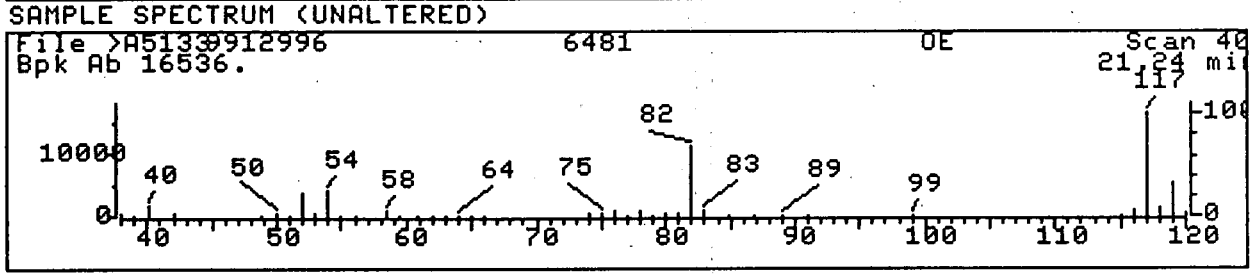
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



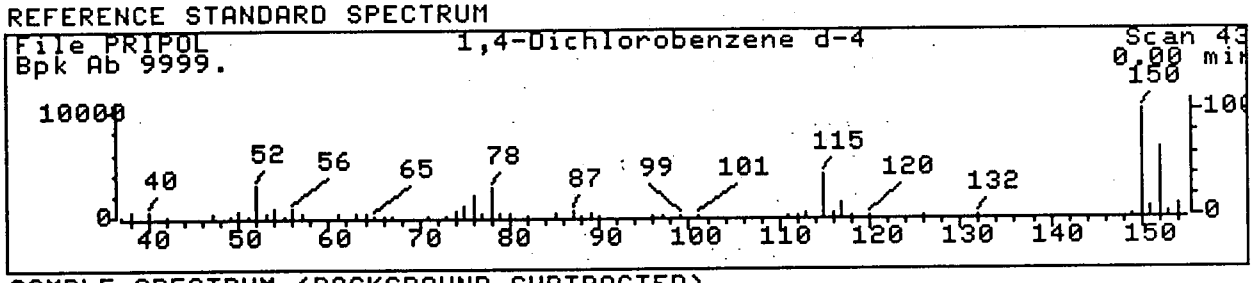
SAMPLE SPECTRUM (UNALTERED)



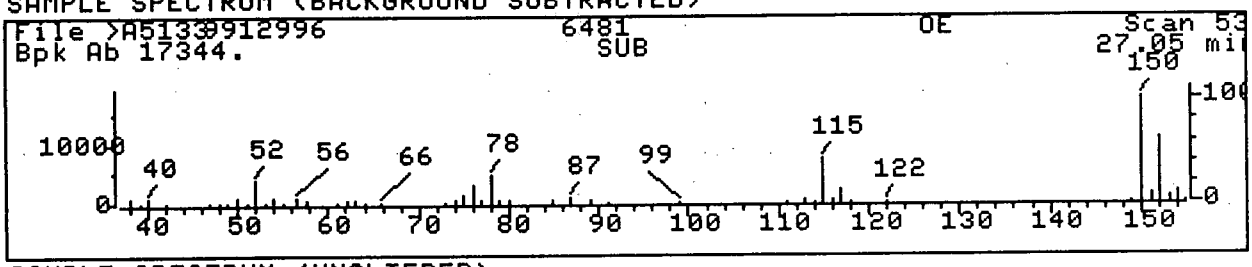
Data File: >A5133::D2 Quant Output File: ^A5133::D5
Name: 9912996 Instrument ID: HP5970BA
Misc: 6481 OE SP-1
Quant Time: 991208 20:58 Quant ID File: IDAS06::D5
Injected at: 991208 20:23 Last Calibration: 991208 17:16
Last Qcal Time: <none>

Compound No : 43 (ISTD)
Compound Name : Chlorobenzene-d5
Scan Number : 409
Retention Time: 21.24 min.
Quant Ion : 117.0
Area : 102682
Concentration : 50.00 ug/l
q-value : 100

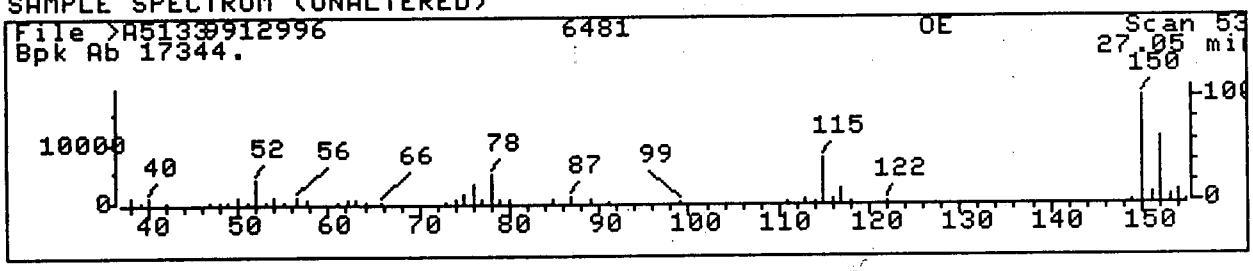
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >A5133::D2
Name: 9912996
Misc: 6481 OE
Quant Time: 991208 20:58
Injected at: 991208 20:23
Last Qcal Time: <none>

Quant Output File: ^A5133::D5
Instrument ID: HP5970BA
SP-1
Quant ID File: IDAS06::D5
Last Calibration: 991208 17:16

Compound No : 55 (ISTD)
Compound Name : 1,4-Dichlorobenzene-d4
Scan Number : 537
Retention Time: 27.05 min.
Quant Ion : 152.0
Area : 57297
Concentration : 50.00 ug/l
q-value : 93

BFBA
1T7002
ME624A
1DA505
CAA505
A55121

BFB TUNE	> A5121	SCA 39	
VSTD050	> A5122	NO GOOD ⇒	
VSTD020	> A5123		
VSTD010	> A5124		
VSTD100	> A5125		
VSTD200	> A5126		
VSTD050	> A5127		

CREATED 8260 FIVE POINT (CAA506) AND 1D FILE (1DA506)

VBLKA15	> A5128	
VBLKA15	> A5129	
9912922 DL	> A5130	10µl OF MEOH EXT
2996MS	31	1:10 TCLP
2994	32	"
2996	33	"
2995	34	1:1000 TCLP
3080	35	1:50
3213	36	1:10

Continued on Page

Read and Understood By

236

Robert M. Horn — Signed
12-08-99 — Date
Signed
Date

Operator ID: DANIEL
Output File: ^F9811::QT
Data File: >F9811::F1
Name: SSTD050
Misc:

Quant Rev: 7 Quant Time: 991209 11:41
Injected at: 991209 11:05
Dilution Factor: 1.00000
Instrument ID: AHP5970B
BTL#25

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54 Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	10.29	407	43248	40.00	ug/l	93
2)	Pyridine	3.95	96	54980	40.57	ug/l	97
3)	N-Nitrosodimethylamine	4.01	99	48797	42.91	ug/l	91
4)	2-Fluorophenol	7.33	262	77885	48.54	ug/l	100
5)	Aniline	9.64	375	123865	42.73	ug/l	91
6)	Phenol-d5	9.72	379	111565	45.65	ug/l	86
7)	Phenol	9.74	380	104716	43.24	ug/l	97
8)	bis(-2-Chloroethyl)Ether	9.84	385	78408	47.72	ug/l	99
9)	2-Chlorophenol	9.88	387	78182	47.84	ug/l	95
10)	1,3-Dichlorobenzene	10.19	402	74741	50.34	ug/l	98
11)	1,4-Dichlorobenzene	10.33	409	76205	50.42	ug/l	90
12)	Benzyl Alcohol	10.80	432	50788	45.59	ug/l	96
13)	1,2-Dichlorobenzene	10.78	431	67002	49.57	ug/l	91
14)	2-Methylphenol	11.17	450	78539	47.27	ug/l	83
15)	bis(2-Chloroisopropyl)ether	11.17	450	119483	38.13	ug/l	100
16)	3&4-Methylphenol	11.55	469	82623	48.33	ug/l	87
17)	N-Nitroso-Di-n-propylamine	11.55	469	65628	40.35	ug/l	80
18)	Hexachloroethane	11.51	467	29283	48.31	ug/l	100
19)	*d8-Naphthalene	13.49	564	175180	40.00	ug/l	98
20)	Nitrobenzene-d5	11.78	480	97247	45.42	ug/l	98
21)	Nitrobenzene	11.84	483	102817	46.04	ug/l	92
22)	Isophorone	12.45	513	207283	44.27	ug/l	94
23)	2-Nitrophenol	12.63	522	52779	53.00	ug/l	84
24)	2,4-Dimethylphenol	12.86	533	75963	50.04	ug/l	91
25)	Benzoic Acid	13.35	557	53266M	50.96	ug/l	97
26)	bis(-2-Chloroethoxy)Methane	13.08	544	112273	45.70	ug/l	98
27)	2,4-Dichlorophenol	13.23	551	69694	53.25	ug/l	88
28)	1,2,4-Trichlorobenzene	13.41	560	65555	55.73	ug/l	98
29)	Naphthalene	13.55	567	229819	53.17	ug/l	78
30)	4-Chloroaniline	13.82	580	100450	50.97	ug/l	100
31)	Hexachlorobutadiene	14.04	591	31735M	59.77	ug/l	100
32)	4-Chloro-3-methylphenol	15.12	644	92786	49.70	ug/l	91
33)	2-Methylnaphthalene	15.31	653	152686	51.40	ug/l	90
34)	*d10-Acenaphthene	18.02	786	109607	40.00	ug/l	97
35)	Hexachlorocyclopentadiene	15.90	682	35192	55.67	ug/l	93
36)	2,4,6-Trichlorophenol	16.14	694	53007	54.05	ug/l	92
37)	2,4,5-Trichlorophenol	16.22	698	59125	55.66	ug/l	98
38)	2-Chloronaphthalene	16.55	714	150059	50.55	ug/l	92
39)	2-Fluorobiphenyl	16.35	704	158421	51.43	ug/l	94
40)	2-Nitroaniline	16.98	735	75944	40.91	ug/l	90

Operator ID: DANIEL Quant Rev: 7 Quant Time: 991209 11:41
Output File: ^F9811::QT Injected at: 991209 11:05
Data File: >F9811::F1 Dilution Factor: 1.00000
Name: SSTD050 Instrument ID: AHP5970B
Misc: BTL#25

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54 Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
41)	Dimethyl Phthalate	17.55	763	196354	49.87	ug/l	92
42)	Acenaphthylene	17.61	766	252002	51.63	ug/l	90
43)	3-Nitroaniline	18.06	788	59001	48.85	ug/l	90
44)	Acenaphthene	18.10	790	157322	52.35	ug/l	92
45)	2,4-Dinitrophenol	18.31	800	31399	45.57	ug/l	93
46)	4-Nitrophenol	18.57	813	36305	48.02	ug/l	93
47)	Dibenzofuran	18.51	810	225989	52.45	ug/l	99
48)	2,6-Dinitrotoluene	17.71	771	51695M	51.21	ug/l	
49)	2,4-Dinitrotoluene	18.71	820	77943	52.68	ug/l	88
50)	Diethylphthalate	19.37	852	200640	53.55	ug/l	90
51)	4-Chlorophenyl-phenylether	19.43	855	76621	57.58	ug/l	97
52)	Fluorene	19.39	853	156190	52.83	ug/l	98
53)	4-Nitroaniline	19.67	867	64819	46.08	ug/l	81
54)	2,4,6-Tribromophenol	20.06	886	27635	65.85	ug/l	97
55)	*d10-Phenanthrene	21.75	969	198844	40.00	ug/l	100
56)	4,6-Dinitro-2-methylphenol	19.76	871	46572	57.80	ug/l	100
57)	N-Nitrosodiphenylamine	19.80	873	123878	54.25	ug/l	91
58)	Azobenzene	19.84	875	268043	46.95	ug/l	89
59)	4-Bromophenyl-phenylether	20.65	915	44215	55.71	ug/l	100
60)	Hexachlorobenzene	21.00	932	48655	60.12	ug/l	98
61)	Pentachlorophenol	21.49	956	37890	52.78	ug/l	90
62)	Phenanthrene	21.82	972	267891	52.53	ug/l	99
63)	Anthracene	21.94	978	260754	50.56	ug/l	83
65)	Di-n-Butylphthalate	23.51	1055	398381	51.56	ug/l	92
66)	Fluoranthene	24.87	1122	290527	52.93	ug/l	100
67)	*d12-Chrysene	28.57	1303	179318	40.00	ug/l	100
68)	Benzidine	25.28	1142	95454	29.22	ug/l	88
69)	Pyrene	25.45	1150	308602	43.73	ug/l	87
70)	Terphenyl-d14	25.92	1173	175957	44.72	ug/l	91
71)	Butylbenzylphthalate	27.28	1240	195201	39.30	ug/l	93
72)	3,3'-Dichlorobenzidine	28.55	1302	68373M	35.81	ug/l	
73)	Benzo(a)Anthracene	28.51	1300	275115	43.90	ug/l	94
74)	Bis(2-Ethylhexyl)Phthalate	28.81	1315	268824	39.46	ug/l	80
75)	Chrysene	28.65	1307	272537	44.88	ug/l	88
76)	*d12-Perylene	31.97	1470	188202	40.00	ug/l	100
77)	Di-n-octyl phthalate	30.28	1387	461747	44.61	ug/l	86
78)	Benzo(b)fluoranthene	31.12	1428	357006	53.99	ug/l	99
79)	Benzo(k)Fluoranthene	31.18	1431	226218	43.54	ug/l	87
80)	Benzo(a)Pyrene	31.83	1463	284516	49.36	ug/l	95
81)	Indeno(1,2,3-cd)Pyrene	34.16	1577	315059	54.41	ug/l	90
82)	Dibenzo(a,h)Anthracene	34.20	1579	248882	54.91	ug/l	84

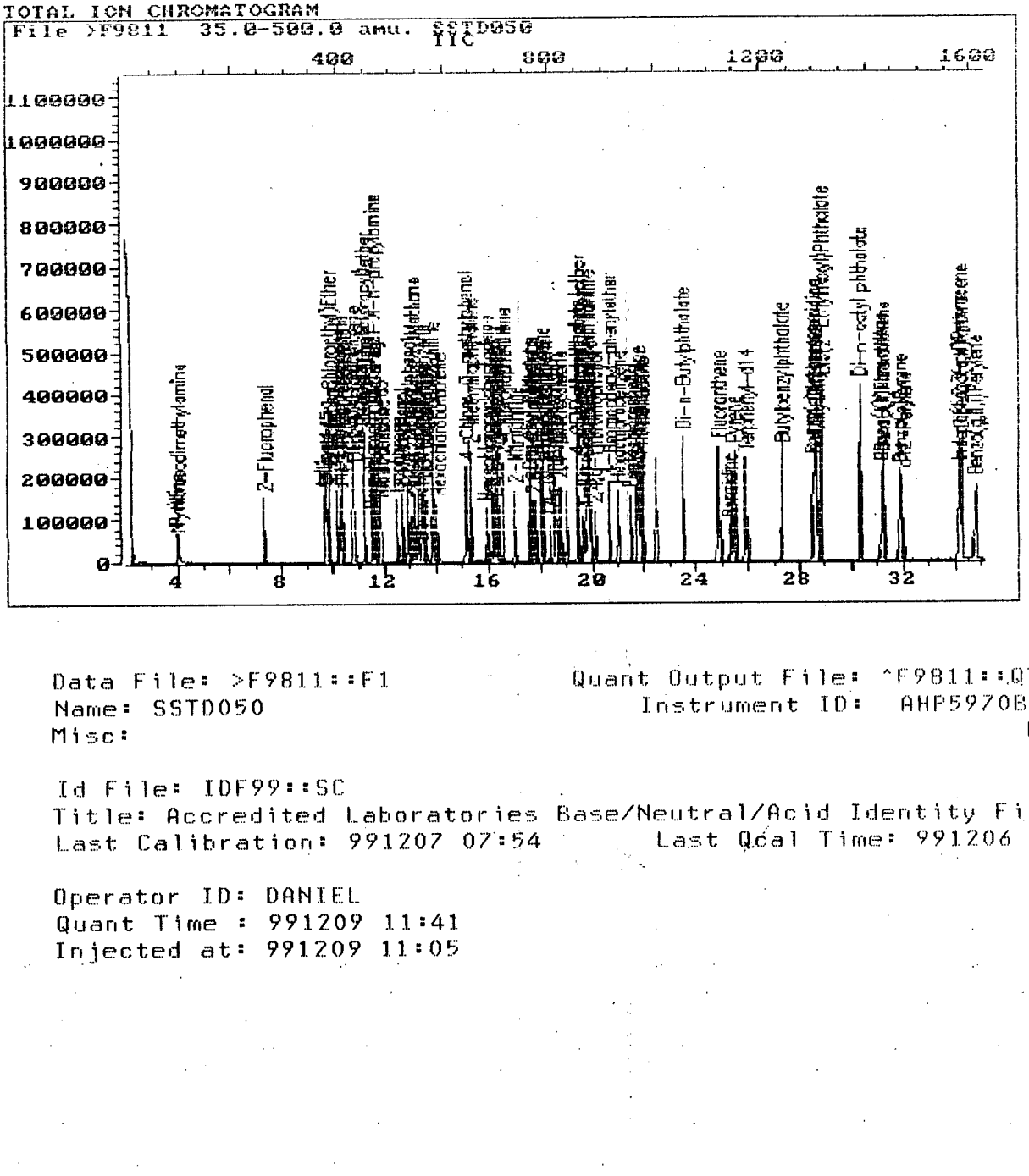
Operator ID: DANIEL Quant Rev: 7 Quant Time: 991209 11:41
Output File: ^F9811::QT Injected at: 991209 11:05
Data File: >F9811::F1 Dilution Factor: 1.00000
Name: SSTD050 Instrument ID: AHP5970B
Misc: BTL#25

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54 Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
83)	Benzo(g,h,i)Perylene	34.75	1606	279821	55.94	ug/l	97

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >F9811::F1 Quant Output File: ^F9811::QT
Name: SSTD050 Instrument ID: AHP5970B
Misc: BTL#25

Id File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54 Last Qcal Time: 991206 12:17

Operator ID: DANIEL
Quant Time : 991209 11:41
Injected at: 991209 11:05

Operator ID: DANIEL
Output File: ^F9812::QT
Data File: >F9812::F1
Name: SSTD160
Misc:

Quant Rev: 7 Quant Time: 991209 12:26
Injected at: 991209 11:50
Dilution Factor: 1.00000
Instrument ID: AHP5970B
BTL# 1

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54 Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	10.31	408	37210	40.00	ug/l	94
2)	Pyridine	3.99	98	180825	155.10	ug/l	88
3)	N-Nitrosodimethylamine	4.09	103	127232	130.05	ug/l	83
4)	2-Fluorophenol	7.37	264	198208	143.57	ug/l	100
5)	Aniline	9.70	378	364547	146.18	ug/l	87
6)	Phenol-d5	9.78	382	305507	145.29	ug/l	86
7)	Phenol	9.82	384	269419	129.29	ug/l	94
8)	bis(-2-Chloroethyl)Ether	9.88	387	181434	128.34	ug/l	99
9)	2-Chlorophenol	9.92	389	198617	141.25	ug/l	97
10)	1,3-Dichlorobenzene	10.21	403	175828	137.63	ug/l	98
11)	1,4-Dichlorobenzene	10.35	410	176436	135.67	ug/l	91
12)	Benzyl Alcohol	10.88	436	146616	152.96	ug/l	93
13)	1,2-Dichlorobenzene	10.82	433	165220	142.06	ug/l	87
14)	2-Methylphenol	11.21	452	186575	130.52	ug/l	82
15)	bis(2-Chloroisopropyl)ether	11.19	451	327375	121.43	ug/l	100
16)	3&4-Methylphenol	11.62	472	215952	146.82	ug/l	86
17)	N-Nitroso-Di-n-propylamine	11.68	475	192183	137.33	ug/l	83
18)	Hexachloroethane	11.53	468	75348	144.49	ug/l	100
19)	*d8-Naphthalene	13.52	565	152332	40.00	ug/l	96
20)	Nitrobenzene-d5	11.84	483	281293	151.09	ug/l	94
21)	Nitrobenzene	11.88	485	264754	136.34	ug/l	93
22)	Isophorone	12.55	518	629603	154.65	ug/l	94
23)	2-Nitrophenol	12.68	524	143306	165.50	ug/l	68
24)	2,4-Dimethylphenol	12.92	536	201372	152.55	ug/l	92
25)	Benzoic Acid	13.64	571	121578M	133.75	ug/l	94
26)	bis(-2-Chloroethoxy)Methane	13.13	546	289266	135.41	ug/l	95
27)	2,4-Dichlorophenol	13.29	554	177003	155.53	ug/l	94
28)	1,2,4-Trichlorobenzene	13.43	561	158164	154.64	ug/l	97
29)	Naphthalene	13.58	568	529334	140.84	ug/l	78
30)	4-Chloroaniline	13.88	583	251937	147.02	ug/l	100
31)	Hexachlorobutadiene	14.05	591	77383	167.61	ug/l	100
32)	4-Chloro-3-methylphenol	15.17	646	255357	157.29	ug/l	85
33)	2-Methylnaphthalene	15.35	655	388309	150.32	ug/l	86
34)	*d10-Acenaphthene	18.03	786	102763	40.00	ug/l	98
35)	Hexachlorocyclopentadiene	15.90	682	92204	155.58	ug/l	96
36)	2,4,6-Trichlorophenol	16.19	696	129765	141.14	ug/l	87
37)	2,4,5-Trichlorophenol	16.29	701	143590	144.17	ug/l	94
38)	2-Chloronaphthalene	16.58	715	365581	131.36	ug/l	93
39)	2-Fluorobiphenyl	16.39	706	384274	133.05	ug/l	95
40)	2-Nitroaniline	17.03	737	242881	139.56	ug/l	91

Operator ID: DANIEL
Output File: ^F9812::QT
Data File: >F9812::F1
Name: SSTD160
Misc:

Quant Rev: 7
Quant Time: 991209 12:26
Injected at: 991209 11:50
Dilution Factor: 1.00000
Instrument ID: AHP5970B
BTL# 1

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54
Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
41)	Dimethyl Phthalate	17.62	766	468209	126.84	ug/l	91
42)	Acenaphthylene	17.66	768	562625	122.94	ug/l	90
43)	3-Nitroaniline	18.13	791	139825	123.49	ug/l	97
44)	Acenaphthene	18.15	792	348234	123.59	ug/l	94
45)	2,4-Dinitrophenol	18.39	804	111270	172.26	ug/l	94
46)	4-Nitrophenol	18.66	817	112281	158.39	ug/l	93
47)	Dibenzofuran	18.56	812	552334	136.74	ug/l	98
48)	2,6-Dinitrotoluene	17.78	774	136294	144.00	ug/l	84
49)	2,4-Dinitrotoluene	18.80	824	223485	161.10	ug/l	83
50)	Diethylphthalate	19.44	855	340495	96.93	ug/l	90
51)	4-Chlorophenyl-phenylether	19.46	856	154644	123.95	ug/l	98
52)	Fluorene	19.41	854	299192	107.95	ug/l	98
53)	4-Nitroaniline	19.82	874	175215	132.86	ug/l	74
54)	2,4,6-Tribromophenol	20.11	888	73457	186.68	ug/l	98
55)	*d10-Phenanthrene	21.78	970	189490	40.00	ug/l	100
56)	4,6-Dinitro-2-methylphenol	19.86	876	86175	112.24	ug/l	100
57)	N-Nitrosodiphenylamine	19.86	876	218548	100.42	ug/l	81
58)	Azobenzene	19.88	877	618036	113.61	ug/l	94
59)	4-Bromophenyl-phenylether	20.68	916	112927	149.30	ug/l	100
60)	Hexachlorobenzene	21.05	934	128473	166.57	ug/l	97
61)	Pentachlorophenol	21.54	958	108598	158.73	ug/l	88
62)	Phenanthrene	21.87	974	660134	135.82	ug/l	99
63)	Anthracene	21.99	980	662096	134.71	ug/l	83
65)	Di-n-Butylphthalate	23.54	1056	856912	116.37	ug/l	97
66)	Fluoranthene	24.93	1124	715279	136.75	ug/l	100
67)	*d12-Chrysene	28.60	1304	120405	40.00	ug/l	100
68)	Benzidine	25.33	1144	318743	145.33	ug/l	88
69)	Pyrene	25.50	1152	752221	158.73	ug/l	88
70)	Terphenyl-d14	25.95	1174	428149	162.07	ug/l	92
71)	Butylbenzylphthalate	27.33	1242	499635	149.81	ug/l	80
72)	3,3'-Dichlorobenzidine	28.62	1305	221649M	172.89	ug/l	
73)	Benzo(a)Anthracene	28.56	1302	722823	171.79	ug/l	95
74)	Bis(2-Ethylhexyl)Phthalate	28.84	1316	666619	145.71	ug/l	80
75)	Chrysene	28.72	1310	652652	160.04	ug/l	89
76)	*d12-Perylene	32.01	1471	162194	40.00	ug/l	100
77)	Di-n-octyl phthalate	30.31	1388	1024893	114.89	ug/l	93
78)	Benzo(b)fluoranthene	31.21	1432	755428M	132.55	ug/l	98
79)	Benzo(k)Fluoranthene	31.27	1435	603117M	134.71	ug/l	89
80)	Benzo(a)Pyrene	31.91	1466	706184	142.15	ug/l	96
81)	Indeno(1,2,3-cd)Pyrene	34.27	1582	658886	132.03	ug/l	98
82)	Dibenzo(a,h)Anthracene	34.29	1583	544875	139.48	ug/l	86

Operator ID: DANIEL
Output File: ^F9812::QT
Data File: >F9812::F1
Name: SSTD160
Misc:

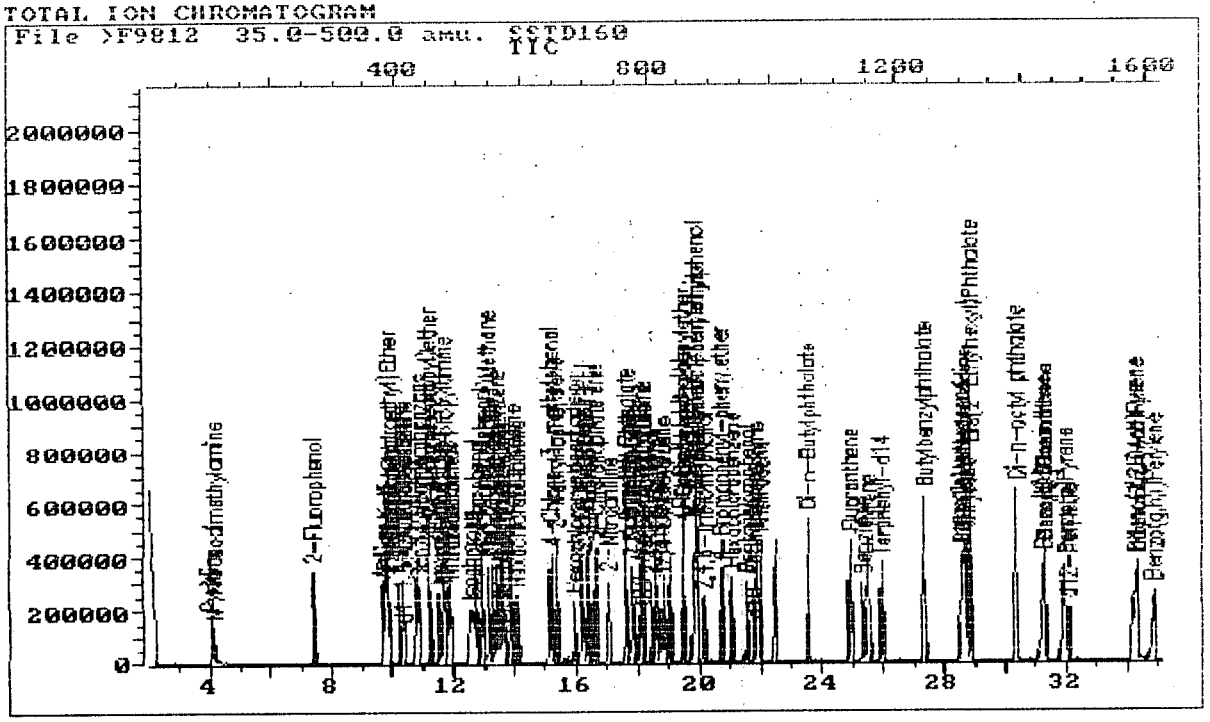
Quant Rev: 7
Quant Time: 991209 12:26
Injected at: 991209 11:50
Dilution Factor: 1.00000
Instrument ID: AHP5970B
BTL# 1

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54
Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
83)	Benzo(g,h,i)Perylene	34.83	1609	599882	139.16	ug/l	97

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >F9812::F1 Quant Output File: ^F9812::QT
Name: SSTD160 Instrument ID: AHP5970B
Misc: BTL# 1

Id File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54 Last Qcal Time: 991206 12:17

Operator ID: DANIEL
Quant Time : 991209 12:26
Injected at: 991209 11:50

Operator ID: DANIEL
Output File: ^F9813::QT
Data File: >F9813::F1
Name: SSTD020
Misc:

Quant Rev: 7 Quant Time: 991209 13:12
Injected at: 991209 12:36
Dilution Factor: 1.00000
Instrument ID: AHP5970B
BTL# 1

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54 Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	10.29	407	39233	40.00	ug/l	93
2)	Pyridine	3.99	98	16149M	13.14	ug/l	97
3)	N-Nitrosodimethylamine	4.01	99	18023	17.47	ug/l	89
4)	2-Fluorophenol	7.33	262	26794	18.41	ug/l	100
5)	Aniline	9.63	375	48758	18.54	ug/l	86
6)	Phenol-d5	9.69	378	41681	18.80	ug/l	87
7)	Phenol	9.72	379	40161	18.28	ug/l	97
8)	bis(-2-Chloroethyl)Ether	9.84	385	32002	21.47	ug/l	98
9)	2-Chlorophenol	9.86	386	30348	20.47	ug/l	97
10)	1,3-Dichlorobenzene	10.18	402	29742	22.08	ug/l	99
11)	1,4-Dichlorobenzene	10.33	409	30400	22.17	ug/l	90
12)	Benzyl Alcohol	10.78	431	19247	19.04	ug/l	96
13)	1,2-Dichlorobenzene	10.78	431	28418	23.17	ug/l	91
14)	2-Methylphenol	11.14	449	30847	20.47	ug/l	99
15)	bis(2-Chloroisopropyl)ether	11.16	450	46802	16.46	ug/l	100
16)	3&4-Methylphenol	11.53	468	32573	21.00	ug/l	88
17)	N-Nitroso-Di-n-propylamine	11.53	468	26669	18.07	ug/l	76
18)	Hexachloroethane	11.53	468	11063	20.12	ug/l	100
19)	*d8-Naphthalene	13.49	564	161631	40.00	ug/l	96
20)	Nitrobenzene-d5	11.77	480	37185	18.82	ug/l	94
21)	Nitrobenzene	11.82	482	39034	18.95	ug/l	91
22)	Isophorone	12.43	512	82079	19.00	ug/l	91
23)	2-Nitrophenol	12.63	522	19125	20.82	ug/l	69
24)	2,4-Dimethylphenol	12.83	532	30187	21.55	ug/l	92
25)	Benzoic Acid	13.20	550	15912	16.50	ug/l	97
26)	bis(-2-Chloroethoxy)Methane	13.06	543	43661	19.26	ug/l	94
27)	2,4-Dichlorophenol	13.22	551	26813	22.20	ug/l	93
28)	1,2,4-Trichlorobenzene	13.41	560	25819	23.79	ug/l	97
29)	Naphthalene	13.53	566	90768	22.76	ug/l	79
30)	4-Chloroaniline	13.81	580	41345	22.74	ug/l	100
31)	Hexachlorobutadiene	14.04	591	12677	25.88	ug/l	100
32)	4-Chloro-3-methylphenol	15.12	644	36343	21.10	ug/l	84
33)	2-Methylnaphthalene	15.30	653	64473	23.52	ug/l	88
34)	*d10-Acenaphthene	18.01	786	101160	40.00	ug/l	97
35)	Hexachlorocyclopentadiene	15.89	682	10722	18.38	ug/l	97
36)	2,4,6-Trichlorophenol	16.14	694	20410	22.55	ug/l	91
37)	2,4,5-Trichlorophenol	16.22	698	22388	22.83	ug/l	97
38)	2-Chloronaphthalene	16.53	713	60590	22.12	ug/l	97
39)	2-Fluorobiphenyl	16.34	704	65927	23.19	ug/l	96
40)	2-Nitroaniline	16.95	734	28826	16.83	ug/l	82

Operator ID: DANIEL
Output File: ^F9813::QT
Data File: >F9813::F1
Name: SSTD020
Misc:

Quant Rev: 7
Quant Time: 991209 13:12
Injected at: 991209 12:36
Dilution Factor: 1.00000
Instrument ID: AHP5970B
BTL# 1

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54
Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
41)	Dimethyl Phthalate	17.54	763	80979	22.29	ug/l	89
42)	Acenaphthylene	17.61	766	105605	23.44	ug/l	90
43)	3-Nitroaniline	18.03	787	21463	19.26	ug/l	95
44)	Acenaphthene	18.10	790	66731	24.06	ug/l	94
45)	2,4-Dinitrophenol	18.30	800	9122	14.35	ug/l	93
46)	4-Nitrophenol	18.54	812	13613M	19.51	ug/l	
47)	Dibenzofuran	18.48	809	92480	23.26	ug/l	93
48)	2,6-Dinitrotoluene	17.71	771	19220	20.63	ug/l	85
49)	2,4-Dinitrotoluene	18.69	819	28974	21.22	ug/l	91
50)	Diethylphthalate	19.34	851	85618	24.76	ug/l	92
51)	4-Chlorophenyl-phenylether	19.42	855	30915	25.17	ug/l	98
52)	Fluorene	19.38	853	71490	26.20	ug/l	98
53)	4-Nitroaniline	19.63	865	24513	18.88	ug/l	74
54)	2,4,6-Tribromophenol	20.05	886	10073	26.01	ug/l	98
55)	*d10-Phenanthrene	21.77	970	181791	40.00	ug/l	100
56)	4,6-Dinitro-2-methylphenol	19.71	869	15504	21.05	ug/l	100
57)	N-Nitrosodiphenylamine	19.77	872	52739	25.26	ug/l	91
58)	Azobenzene	19.83	875	97330	18.65	ug/l	86
59)	4-Bromophenyl-phenylether	20.64	915	17074	23.53	ug/l	100
60)	Hexachlorobenzene	20.99	932	18897	25.54	ug/l	98
61)	Pentachlorophenol	21.48	956	14248	21.71	ug/l	89
62)	Phenanthrene	21.81	972	104873	22.49	ug/l	99
63)	Anthracene	21.93	978	106852	22.66	ug/l	83
65)	Di-n-Butylphthalate	23.50	1055	159842	22.63	ug/l	92
66)	Fluoranthene	24.86	1122	118490	23.61	ug/l	100
67)	*d12-Chrysene	28.55	1303	172589	40.00	ug/l	100
68)	Benzidine	25.27	1142	49993	15.90	ug/l	86
69)	Pyrene	25.42	1149	125684	18.50	ug/l	84
70)	Terphenyl-d14	25.90	1173	70943	18.74	ug/l	92
71)	Butylbenzylphthalate	27.29	1241	78022	16.32	ug/l	73
72)	3,3'-Dichlorobenzidine	28.53	1302	30411M	16.55	ug/l	
73)	Benzo(a)Anthracene	28.49	1300	112858	18.71	ug/l	95
74)	Bis(2-Ethylhexyl)Phthalate	28.80	1315	113185	17.26	ug/l	78
75)	Chrysene	28.62	1306	107745	18.43	ug/l	87
76)	*d12-Perylene	31.96	1470	180878	40.00	ug/l	100
77)	Di-n-octyl phthalate	30.27	1387	195417	19.64	ug/l	86
78)	Benzo(b)fluoranthene	31.10	1428	130985M	20.61	ug/l	98
79)	Benzo(k)Fluoranthene	31.14	1430	103230M	20.68	ug/l	87
80)	Benzo(a)Pyrene	31.82	1463	112484	20.30	ug/l	98
81)	Indeno(1,2,3-cd)Pyrene	34.12	1576	132166	23.75	ug/l	91
82)	Dibenzo(a,h)Anthracene	34.14	1577	106981	24.56	ug/l	83

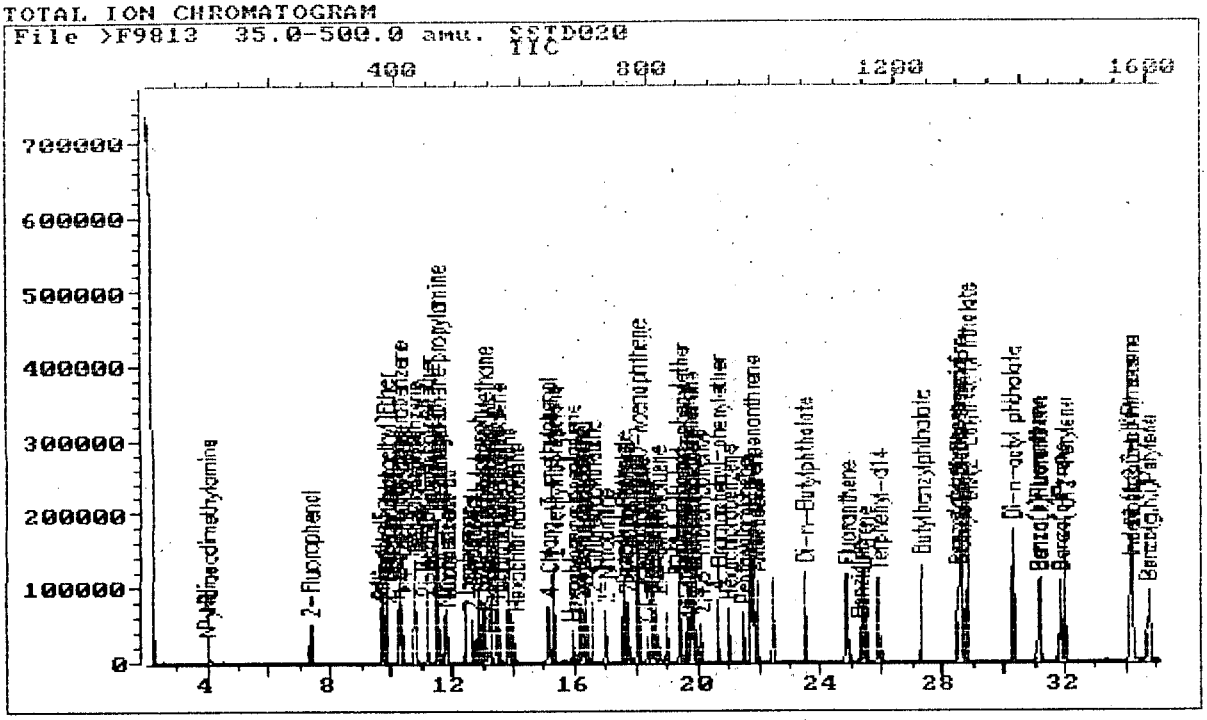
Operator ID: DANIEL Quant Rev: 7 Quant Time: 991209 13:12
Output File: ^F9813::QT Injected at: 991209 12:36
Data File: >F9813::F1 Dilution Factor: 1.00000
Name: SSTD020 Instrument ID: AHP5970B
Misc: BTL# 1

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54 Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
83)	Benzo(g,h,i)Perylene	34.69	1604	115105	23.94	ug/l	97

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >F9813::F1 Quant Output File: ^F9813::QT
Name: SSTD020 Instrument ID: AHP5970B
Misc: BTL# 1

Id File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54 Last Qcal Time: 991206 12:17

Operator ID: DANIEL
Quant Time : 991209 13:12
Injected at: 991209 12:36

Operator ID: DANIEL Quant Rev: 7 Quant Time: 991209 13:58
Output File: ^F9814::QT Injected at: 991209 13:22
Data File: >F9814::F1 Dilution Factor: 1.00000
Name: SSTD080 Instrument ID: AHP5970B
Misc: BTL# 1

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54 Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	10.29	407	40081	40.00	ug/l	96
2)	Pyridine	3.95	96	71445	56.89	ug/l	98
3)	N-Nitrosodimethylamine	4.01	99	72154	68.47	ug/l	80
4)	2-Fluorophenol	7.33	262	112334	75.54	ug/l	100
5)	Aniline	9.65	376	193258	71.94	ug/l	86
6)	Phenol-d5	9.74	380	170434	75.25	ug/l	86
7)	Phenol	9.78	382	176802	78.77	ug/l	92
8)	bis(-2-Chloroethyl)Ether	9.86	386	113741	74.70	ug/l	99
9)	2-Chlorophenol	9.90	388	117866	77.82	ug/l	96
10)	1,3-Dichlorobenzene	10.21	403	109188	79.34	ug/l	96
11)	1,4-Dichlorobenzene	10.35	410	110112	78.60	ug/l	86
12)	Benzyl Alcohol	10.82	433	79331	76.83	ug/l	94
13)	1,2-Dichlorobenzene	10.80	432	97538	77.86	ug/l	89
14)	2-Methylphenol	11.19	451	113742	73.87	ug/l	83
15)	bis(2-Chloroisopropyl)ether	11.19	451	182868	62.97	ug/l	100
16)	3&4-Methylphenol	11.57	470	112030	70.71	ug/l	87
17)	N-Nitroso-Di-n-propylamine	11.59	471	109294	72.50	ug/l	77
18)	Hexachloroethane	11.53	468	44772	79.71	ug/l	100
19)	*d8-Naphthalene	13.51	565	164753	40.00	ug/l	95
20)	Nitrobenzene-d5	11.80	481	152663	75.82	ug/l	100
21)	Nitrobenzene	11.86	484	155750	74.16	ug/l	92
22)	Isophorone	12.49	515	331379	75.26	ug/l	94
23)	2-Nitrophenol	12.65	523	79405	84.79	ug/l	76
24)	2,4-Dimethylphenol	12.88	534	111738	78.26	ug/l	92
25)	Benzoic Acid	13.47	563	70892M	72.11	ug/l	91
26)	bis(-2-Chloroethoxy)Methane	13.10	545	170451	73.77	ug/l	97
27)	2,4-Dichlorophenol	13.27	553	101514	82.47	ug/l	96
28)	1,2,4-Trichlorobenzene	13.43	561	94768	85.67	ug/l	97
29)	Naphthalene	13.57	568	333385	82.02	ug/l	78
30)	4-Chloroaniline	13.84	581	141364	76.27	ug/l	100
31)	Hexachlorobutadiene	14.04	591	45591	91.31	ug/l	100
32)	4-Chloro-3-methylphenol	15.14	645	135117	76.95	ug/l	89
33)	2-Methylnaphthalene	15.33	654	216374	77.45	ug/l	88
34)	*d10-Acenaphthene	18.02	786	102245	40.00	ug/l	98
35)	Hexachlorocyclopentadiene	15.90	682	50803	86.16	ug/l	94
36)	2,4,6-Trichlorophenol	16.16	695	75571	82.61	ug/l	92
37)	2,4,5-Trichlorophenol	16.26	700	83874	84.64	ug/l	95
38)	2-Chloronaphthalene	16.57	715	216355	78.13	ug/l	92
39)	2-Fluorobiphenyl	16.37	705	219511	76.39	ug/l	95
40)	2-Nitroaniline	17.00	736	118962	68.70	ug/l	90

Operator ID: DANIEL
Output File: ^F9814::QT
Data File: >F9814::F1
Name: SSTD080
Misc:

Quant Rev: 7
Quant Time: 991209 13:58
Injected at: 991209 13:22
Dilution Factor: 1.00000
Instrument ID: AHP5970B
BTL# 1

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54
Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
41)	Dimethyl Phthalate	17.59	765	297217	80.93	ug/l	90
42)	Acenaphthylene	17.63	767	353874	77.72	ug/l	91
43)	3-Nitroaniline	18.08	789	88956	78.96	ug/l	92
44)	Acenaphthene	18.12	791	213383	76.11	ug/l	93
45)	2,4-Dinitrophenol	18.35	802	53672	83.51	ug/l	97
46)	4-Nitrophenol	18.61	815	59656	84.58	ug/l	96
47)	Dibenzofuran	18.53	811	316254	78.69	ug/l	99
48)	2,6-Dinitrotoluene	17.75	773	77496	82.29	ug/l	85
49)	2,4-Dinitrotoluene	18.75	822	119998	86.94	ug/l	78
50)	Diethylphthalate	19.39	853	270446	77.38	ug/l	91
51)	4-Chlorophenyl-phenylether	19.45	856	104890	84.50	ug/l	99
52)	Fluorene	19.41	854	207029	75.07	ug/l	98
53)	4-Nitroaniline	19.73	870	104918	79.96	ug/l	82
54)	2,4,6-Tribromophenol	20.08	887	40921	104.52	ug/l	98
55)	*d10-Phenanthrene	21.77	970	190500	40.00	ug/l	100
56)	4,6-Dinitro-2-methylphenol	19.80	873	67470	87.41	ug/l	100
57)	N-Nitrosodiphenylamine	19.82	874	165612	75.70	ug/l	86
58)	Azobenzene	19.86	876	388585	71.05	ug/l	89
59)	4-Bromophenyl-phenylether	20.67	916	63391	83.36	ug/l	100
60)	Hexachlorobenzene	21.02	933	71715	92.49	ug/l	98
61)	Pentachlorophenol	21.51	957	56726	82.47	ug/l	89
62)	Phenanthrene	21.86	974	377568	77.27	ug/l	99
63)	Anthracene	21.96	979	382993	77.51	ug/l	83
65)	Di-n-Butylphthalate	23.53	1056	579455	78.28	ug/l	92
66)	Fluoranthene	24.89	1123	420207	79.91	ug/l	100
67)	*d12-Chrysene	28.59	1304	155697	40.00	ug/l	100
68)	Benzidine	25.32	1144	178827	63.05	ug/l	89
69)	Pyrene	25.47	1151	436566	71.24	ug/l	86
70)	Terphenyl-d14	25.94	1174	249202	72.95	ug/l	92
71)	Butylbenzylphthalate	27.32	1242	292368	67.79	ug/l	76
72)	3,3'-Dichlorobenzidine	28.59	1304	120783M	72.86	ug/l	
73)	Benzo(a)Anthracene	28.54	1302	412079	75.74	ug/l	96
74)	Bis(2-Ethylhexyl)Phthalate	28.83	1316	400206	67.65	ug/l	78
75)	Chrysene	28.67	1308	413809	78.47	ug/l	86
76)	*d12-Perylene	31.99	1471	174040	40.00	ug/l	100
77)	Di-n-octyl phthalate	30.30	1388	632496	66.08	ug/l	89
78)	Benzo(b)fluoranthene	31.16	1430	468910	76.68	ug/l	99
79)	Benzo(k)Fluoranthene	31.22	1433	386871	80.53	ug/l	88
80)	Benzo(a)Pyrene	31.87	1465	418714	78.55	ug/l	94
81)	Indeno(1,2,3-cd)Pyrene	34.20	1579	457282M	85.40	ug/l	
82)	Dibenzo(a,h)Anthracene	34.24	1581	353419	84.31	ug/l	83

250

Operator ID: DANIEL
Output File: ^F9814::QT
Data File: >F9814::F1
Name: SSTD080
Misc:

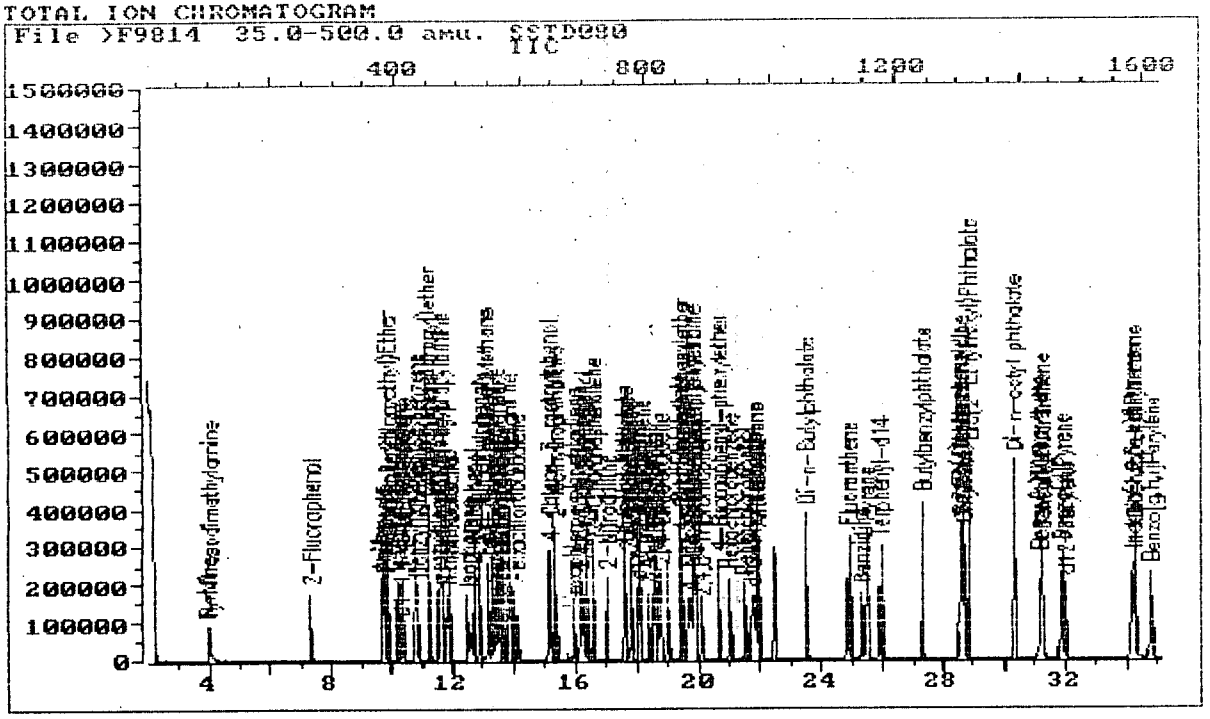
Quant Rev: 7
Quant Time: 991209 13:58
Injected at: 991209 13:22
Dilution Factor: 1.00000
Instrument ID: AHP5970B
BTL# 1

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54
Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
83)	Benzo(g,h,i)Perylene	34.79	1608	410749	88.80	ug/l	96

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >F9814::F1 Quant Output File: ^F9814::QT
Name: SSTD080 Instrument ID: AHP5970B
Misc: BTL# 1

Id File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54 Last Qcal Time: 991206 12:17

Operator ID: DANIEL
Quant Time : 991209 13:58
Injected at: 991209 13:22

Operator ID: DANIEL
Output File: ^F9815::QT
Data File: >F9815::F1
Name: SSTD120
Misc:

Quant Rev: 7
Quant Time: 991209 14:44
Injected at: 991209 14:08
Dilution Factor: 1.00000
Instrument ID: AHP5970B
BTL# 1

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54
Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	10.31	408	40255	40.00	ug/l	93
2)	Pyridine	3.97	97	151735	120.30	ug/l	96
3)	N-Nitrosodimethylamine	4.07	102	113500	107.24	ug/l	88
4)	2-Fluorophenol	7.37	264	177045	118.54	ug/l	100
5)	Aniline	9.69	378	297943	110.43	ug/l	85
6)	Phenol-d5	9.78	382	254457	111.86	ug/l	88
7)	Phenol	9.80	383	241395	107.08	ug/l	94
8)	bis(-2-Chloroethyl)Ether	9.88	387	148291	96.96	ug/l	98
9)	2-Chlorophenol	9.92	389	167537	110.13	ug/l	96
10)	1,3-Dichlorobenzene	10.20	403	149676	108.30	ug/l	98
11)	1,4-Dichlorobenzene	10.35	410	150514	106.98	ug/l	91
12)	Benzyl Alcohol	10.86	435	129094	124.49	ug/l	95
13)	1,2-Dichlorobenzene	10.82	433	141846	112.73	ug/l	86
14)	2-Methylphenol	11.20	452	166285	107.52	ug/l	84
15)	bis(2-Chloroisopropyl)ether	11.18	451	270111	92.61	ug/l	100
16)	3&4-Methylphenol	11.61	472	180680	113.54	ug/l	87
17)	N-Nitroso-Di-n-propylamine	11.63	473	162622	107.41	ug/l	80
18)	Hexachloroethane	11.53	468	64454	114.25	ug/l	100
19)	*d8-Naphthalene	13.51	565	164714	40.00	ug/l	96
20)	Nitrobenzene-d5	11.82	482	234829	116.65	ug/l	97
21)	Nitrobenzene	11.88	485	229883	109.49	ug/l	92
22)	Isophorone	12.53	517	516626	117.36	ug/l	94
23)	2-Nitrophenol	12.65	523	116927	124.89	ug/l	84
24)	2,4-Dimethylphenol	12.90	535	167819	117.57	ug/l	91
25)	Benzoic Acid	13.59	569	114774M	116.77	ug/l	94
26)	bis(-2-Chloroethoxy)Methane	13.12	546	253370	109.69	ug/l	97
27)	2,4-Dichlorophenol	13.29	554	147082	119.52	ug/l	96
28)	1,2,4-Trichlorobenzene	13.43	561	135135	122.19	ug/l	98
29)	Naphthalene	13.57	568	442559	108.90	ug/l	79
30)	4-Chloroaniline	13.86	582	198658	107.21	ug/l	100
31)	Hexachlorobutadiene	14.04	591	66401	133.01	ug/l	100
32)	4-Chloro-3-methylphenol	15.14	645	213292	121.50	ug/l	92
33)	2-Methylnaphthalene	15.35	655	330146	118.20	ug/l	86
34)	*d10-Acenaphthene	18.02	786	108995	40.00	ug/l	95
35)	Hexachlorocyclopentadiene	15.92	683	78328	124.61	ug/l	95
36)	2,4,6-Trichlorophenol	16.18	696	113170	116.05	ug/l	84
37)	2,4,5-Trichlorophenol	16.27	700	126458	119.71	ug/l	96
38)	2-Chloronaphthalene	16.57	715	311109	105.39	ug/l	93
39)	2-Fluorobiphenyl	16.39	706	340488	111.15	ug/l	95
40)	2-Nitroaniline	17.02	737	189314	102.56	ug/l	90

Operator ID: DANIEL
Output File: ^F9815::QT
Data File: >F9815::F1
Name: SSTD120
Misc:

Quant Rev: 7 Quant Time: 991209 14:44
Injected at: 991209 14:08
Dilution Factor: 1.00000
Instrument ID: AHP5970B
BTL# 1

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54 Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
41)	Dimethyl Phthalate	17.61	766	414922	105.98	ug/l	90
42)	Acenaphthylene	17.63	767	507492	104.56	ug/l	91
43)	3-Nitroaniline	18.12	791	121511	101.18	ug/l	99
44)	Acenaphthene	18.14	792	305917	102.36	ug/l	94
45)	2,4-Dinitrophenol	18.37	803	90560	132.18	ug/l	97
46)	4-Nitrophenol	18.63	816	95721	127.31	ug/l	91
47)	Dibenzofuran	18.55	812	474797	110.82	ug/l	96
48)	2,6-Dinitrotoluene	17.78	774	117833	117.37	ug/l	83
49)	2,4-Dinitrotoluene	18.78	823	182051	123.73	ug/l	89
50)	Diethylphthalate	19.41	854	339539	91.14	ug/l	90
51)	4-Chlorophenyl-phenylether	19.45	856	140314	106.03	ug/l	98
52)	Fluorene	19.43	855	260923	88.76	ug/l	97
53)	4-Nitroaniline	19.80	873	155977	111.51	ug/l	76
54)	2,4,6-Tribromophenol	20.10	888	59406	142.34	ug/l	98
55)	*d10-Phenanthrene	21.80	971	202245	40.00	ug/l	100
56)	4,6-Dinitro-2-methylphenol	19.84	875	75771	92.46	ug/l	100
57)	N-Nitrosodiphenylamine	19.86	876	225645	97.15	ug/l	89
58)	Azobenzene	19.88	877	524145	90.27	ug/l	89
59)	4-Bromophenyl-phenylether	20.67	916	94548	117.12	ug/l	100
60)	Hexachlorobenzene	21.04	934	107686	130.82	ug/l	97
61)	Pentachlorophenol	21.53	958	88929	121.79	ug/l	88
62)	Phenanthrene	21.86	974	549652	105.96	ug/l	98
63)	Anthracene	21.98	980	537525	102.47	ug/l	83
65)	Di-n-Butylphthalate	23.53	1056	754910	96.06	ug/l	95
66)	Fluoranthene	24.92	1124	613707	109.93	ug/l	100
67)	*d12-Chrysene	28.59	1304	132161	40.00	ug/l	100
68)	Benzidine	25.33	1144	257748	107.06	ug/l	88
69)	Pyrene	25.49	1152	642221	123.47	ug/l	88
70)	Terphenyl-d14	25.94	1174	373154	128.69	ug/l	92
71)	Butylbenzylphthalate	27.33	1242	413346	112.92	ug/l	82
72)	3,3'-Dichlorobenzidine	28.61	1305	170411M	121.10	ug/l	
73)	Benzo(a)Anthracene	28.55	1302	591083	127.99	ug/l	94
74)	Bis(2-Ethylhexyl)Phthalate	28.84	1316	544978	108.53	ug/l	79
75)	Chrysene	28.69	1309	554212	123.82	ug/l	87
76)	*d12-Perylene	32.00	1471	180396	40.00	ug/l	100
77)	Di-n-octyl phthalate	30.30	1388	939111	94.65	ug/l	91
78)	Benzo(b)fluoranthene	31.20	1432	679670M	107.22	ug/l	98
79)	Benzo(k)Fluoranthene	31.26	1435	509056M	102.23	ug/l	90
80)	Benzo(a)Pyrene	31.90	1466	606223	109.72	ug/l	96
81)	Indeno(1,2,3-cd)Pyrene	34.28	1583	605858	109.16	ug/l	98
82)	Dibenzo(a,h)Anthracene	34.26	1582	495415	114.02	ug/l	83

254

Operator ID: DANIEL
Output File: ^F9815::QT
Data File: >F9815::F1
Name: SSTD120
Misc:

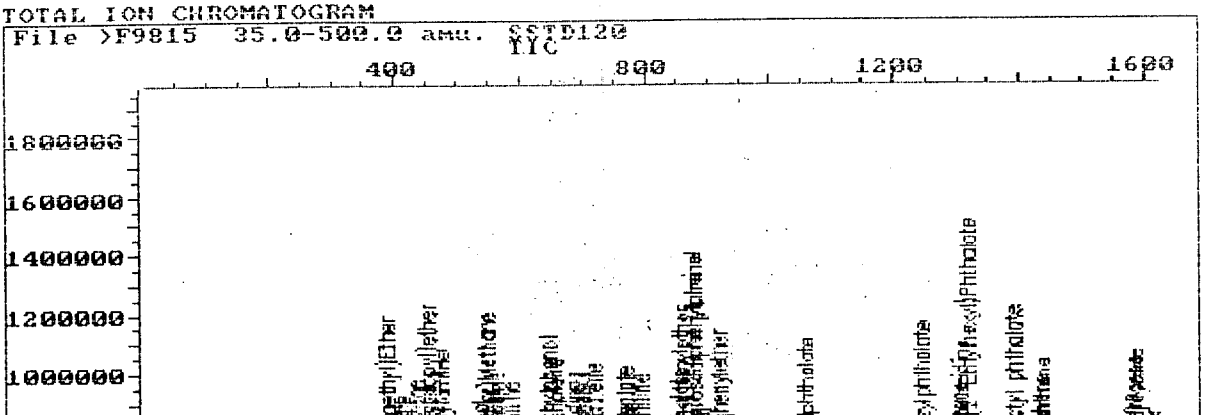
Quant Rev: 7 Quant Time: 991209 14:44
Injected at: 991209 14:08
Dilution Factor: 1.00000
Instrument ID: AHP5970B
BTL# 1

ID File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54 Last Qcal Time: 991206 12:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
83)	Benzo(g,h,i)Perylene	34.82	1609	538957	112.41	ug/l	95

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >F9815::F1 Quant Output File: ^F9815::QT
Name: SSTD120 Instrument ID: AHP5970B
Misc: BTL# 1

Id File: IDF99::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991207 07:54 Last Qcal Time: 991206 12:17

Operator ID: DANIEL
Quant Time : 991209 14:44
Injected at: 991209 14:08

Operator ID: DANIEL Quant Rev: 7 Quant Time: 991210 11:44
Output File: ^F9829::QT Injected at: 991210 11:08
Data File: >F9829::F1 Dilution Factor: 1.00000
Name: SSTD050 Instrument ID: AHP5970B
Misc: BTL#25

ID File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	10.27	406	33445	40.00	ug/l	94
2)	Pyridine	3.91	94	37815	43.46	ug/l	96
3)	N-Nitrosodimethylamine	3.95	96	36963	48.94	ug/l	86
4)	2-Fluorophenol	7.31	261	58814	50.20	ug/l	100
5)	Aniline	9.62	374	96346	47.60	ug/l	89
6)	Phenol-d5	9.70	378	84860	48.45	ug/l	87
7)	Phenol	9.72	379	79439	47.51	ug/l	99
8)	bis(-2-Chloroethyl)Ether	9.82	384	61484	52.92	ug/l	97
9)	2-Chlorophenol	9.86	386	59994	49.93	ug/l	96
10)	1,3-Dichlorobenzene	10.17	401	58066	51.97	ug/l	98
11)	1,4-Dichlorobenzene	10.31	408	60124	53.15	ug/l	91
12)	Benzyl Alcohol	10.78	431	37292	44.92	ug/l	92
13)	1,2-Dichlorobenzene	10.76	430	52811	51.02	ug/l	91
14)	2-Methylphenol	11.15	449	60787	51.38	ug/l	84
15)	bis(2-Chloroisopropyl)ether	11.15	449	91875	48.56	ug/l	100
16)	3&4-Methylphenol	11.53	468	64688	51.35	ug/l	85
17)	N-Nitroso-Di-n-propylamine	11.51	467	50115	45.58	ug/l	86
18)	Hexachloroethane	11.51	467	22270	49.25	ug/l	100
19)	*d8-Naphthalene	13.47	563	134215	40.00	ug/l	97
20)	Nitrobenzene-d5	11.76	479	72923	47.16	ug/l	99
21)	Nitrobenzene	11.80	481	75082	48.12	ug/l	89
22)	Isophorone	12.41	511	156259	46.14	ug/l	98
23)	2-Nitrophenol	12.62	521	40068	50.15	ug/l	80
24)	2,4-Dimethylphenol	12.82	531	58189	50.13	ug/l	94
25)	Benzoic Acid	13.29	554	41570	56.98	ug/l	93
26)	bis(-2-Chloroethoxy)Methane	13.04	542	83844	48.85	ug/l	88
27)	2,4-Dichlorophenol	13.21	550	52880	50.96	ug/l	89
28)	1,2,4-Trichlorobenzene	13.39	559	50652	52.43	ug/l	99
29)	Naphthalene	13.53	566	178907	53.87	ug/l	78
30)	4-Chloroaniline	13.80	579	77673	52.26	ug/l	100
31)	Hexachlorobutadiene	14.02	590	25851	54.91	ug/l	100
32)	4-Chloro-3-methylphenol	15.10	643	70196	49.01	ug/l	92
33)	2-Methylnaphthalene	15.29	652	119424	51.48	ug/l	89
34)	*d10-Acenaphthene	18.00	785	83715	40.00	ug/l	98
35)	Hexachlorocyclopentadiene	15.88	681	25129	50.83	ug/l	98
36)	2,4,6-Trichlorophenol	16.12	693	40066	52.54	ug/l	91
37)	2,4,5-Trichlorophenol	16.21	697	44656	52.80	ug/l	95
38)	2-Chloronaphthalene	16.53	713	116413	53.57	ug/l	91
39)	2-Fluorobiphenyl	16.33	703	123936	53.74	ug/l	95
40)	2-Nitroaniline	16.96	734	58492	48.59	ug/l	94

257

Operator ID: DANIEL
Output File: ^F9829::QT
Data File: >F9829::F1
Name: SSTD050
Misc:

Quant Rev: 7
Quant Time: 991210 11:44
Injected at: 991210 11:08
Dilution Factor: 1.00000
Instrument ID: AHP5970B
BTL#25

ID File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19
Last Qcal Time: <none>

	Compound	R.T.	Scan#	Area	Conc	Units	q
41)	Dimethyl Phthalate	17.53	762	151659	52.54	ug/l	92
42)	Acenaphthylene	17.59	765	198164	55.19	ug/l	90
43)	3-Nitroaniline	18.04	787	46996	56.09	ug/l	98
44)	Acenaphthene	18.08	789	124900	56.37	ug/l	93
45)	2,4-Dinitrophenol	18.29	799	23011	45.07	ug/l	96
46)	4-Nitrophenol	18.55	812	27434	47.09	ug/l	91
47)	Dibenzofuran	18.49	809	173202	52.91	ug/l	99
48)	2,6-Dinitrotoluene	17.69	770	37255	48.68	ug/l	79
49)	2,4-Dinitrotoluene	18.67	818	59306	50.08	ug/l	97
50)	Diethylphthalate	19.35	851	162058	61.01	ug/l	90
51)	4-Chlorophenyl-phenylether	19.41	854	59381	57.00	ug/l	98
52)	Fluorene	19.37	852	127340	59.75	ug/l	99
53)	4-Nitroaniline	19.63	865	52309	52.64	ug/l	85
54)	2,4,6-Tribromophenol	20.04	885	20229	50.27	ug/l	99
55)	*d10-Phenanthrene	21.73	968	156736	40.00	ug/l	100
56)	4,6-Dinitro-2-methylphenol	19.72	869	34224	56.45	ug/l	100
57)	N-Nitrosodiphenylamine	19.76	871	97765	57.40	ug/l	89
58)	Azobenzene	19.82	874	207866	54.71	ug/l	88
59)	4-Bromophenyl-phenylether	20.63	914	33923	51.72	ug/l	100
60)	Hexachlorobenzene	20.98	931	37592	51.09	ug/l	98
61)	Pentachlorophenol	21.47	955	28298	48.28	ug/l	89
62)	Phenanthrene	21.80	971	207391	52.93	ug/l	99
63)	Anthracene	21.92	977	209822	53.66	ug/l	83
65)	Di-n-Butylphthalate	23.49	1054	324687	57.09	ug/l	91
66)	Fluoranthene	24.85	1121	228990	52.83	ug/l	100
67)	*d12-Chrysene	28.55	1302	137364	40.00	ug/l	100
68)	Benzidine	25.26	1141	90422	45.53	ug/l	87
69)	Pyrene	25.41	1148	242273	47.56	ug/l	83
70)	Terphenyl-d14	25.89	1172	140490	48.27	ug/l	91
71)	Butylbenzylphthalate	27.28	1240	154029	46.78	ug/l	80
72)	3,3'-Dichlorobenzidine	28.53	1301	67486M	50.77	ug/l	
73)	Benzo(a)Anthracene	28.48	1299	216719	46.06	ug/l	94
74)	Bis(2-Ethylhexyl)Phthalate	28.79	1314	216183	48.02	ug/l	80
75)	Chrysene	28.63	1306	212580	47.28	ug/l	90
76)	*d12-Perylene	31.95	1469	137199	40.00	ug/l	100
77)	Di-n-octyl phthalate	30.26	1386	359176	56.57	ug/l	87
78)	Benzo(b)fluoranthene	31.10	1427	261885	56.70	ug/l	99
79)	Benzo(k)Fluoranthene	31.16	1430	163761	46.95	ug/l	88
80)	Benzo(a)Pyrene	31.81	1462	205813	51.16	ug/l	94
81)	Indeno(1,2,3-cd)Pyrene	34.13	1576	225221	52.53	ug/l	91
82)	Dibenzo(a,h)Anthracene	34.15	1577	188494	54.83	ug/l	81

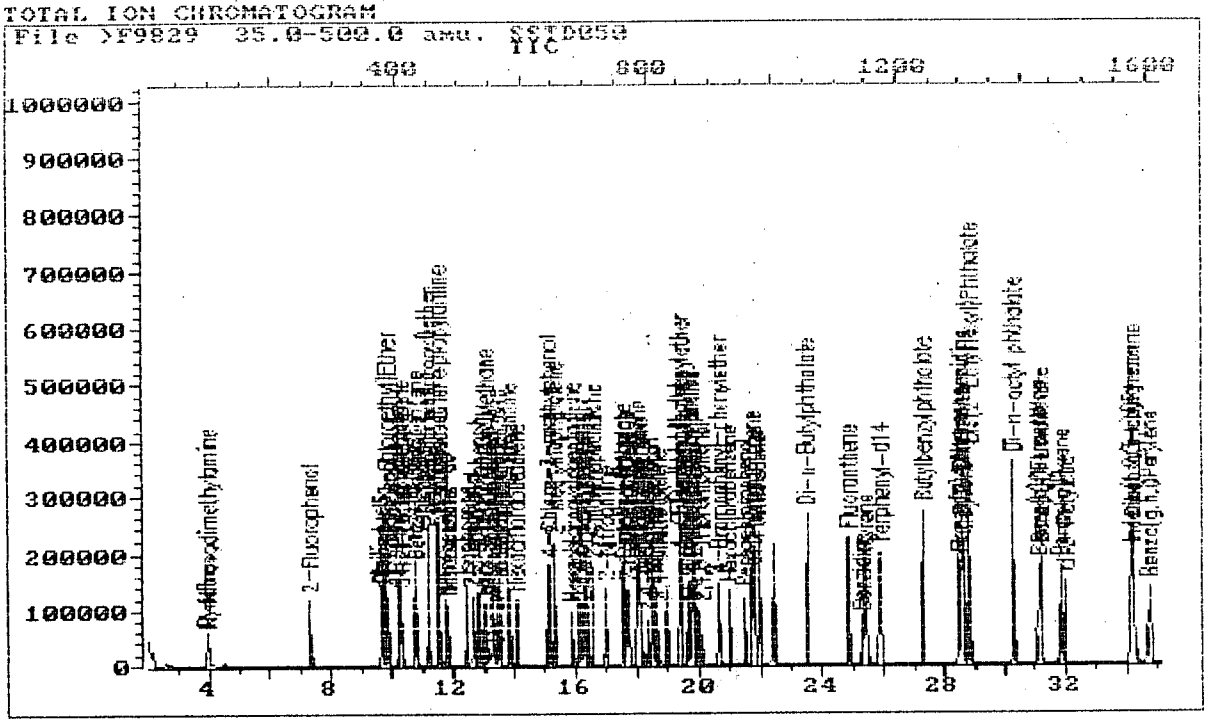
Operator ID: DANIEL Quant Rev: 7 Quant Time: 991210 11:44
Output File: ^F9829::QT Injected at: 991210 11:08
Data File: >F9829::F1 Dilution Factor: 1.00000
Name: SSTD050 Instrument ID: AHP5970B
Misc: BTL#25

TD File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

	Compound	R.T.	Scan#	Area	Conc	Units	q
83)	Benzo(g,h,i)Perylene	34.71	1604	199598	52.31	ug/l	9

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >F9829::F1 Quant Output File: ^F9829::QT
Name: SSTD050 Instrument ID: AHP5970B
Misc: BTL#25

Id File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

Operator ID: DANIEL
Quant Time : 991210 11:44
Injected at: 991210 11:08

Operator ID: DANIEL
Output File: ^F9821::QT
Data File: >F9821::G2
Name: 9913211MS
Misc: 12/08/99

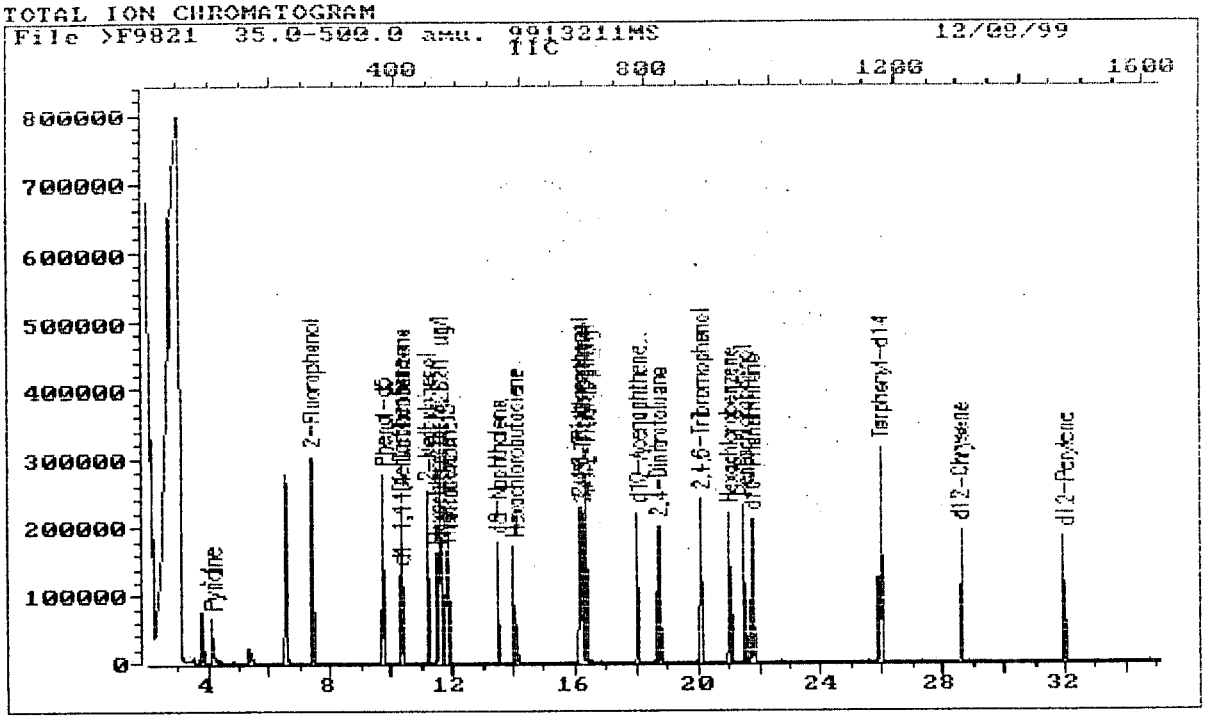
Quant Rev: 7 Quant Time: 991209 19:28
Injected at: 991209 18:52
Dilution Factor: 1.00000
Instrument ID: AHP5970B
BTL# 6

ID File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	10.31	408	40132	40.00	ug/l	89
2)	Pyridine	4.11	104	59323	56.82	ug/l	96
4)	2-Fluorophenol	7.39	265	152479	108.47	ug/l	100
6)	Phenol-d5	9.74	380	226463	107.75	ug/l	87
11)	1,4-Dichlorobenzene	10.35	410	97612	71.91	ug/l	89
14)	2-Methylphenol	11.18	451	101364	71.40	ug/l	92
16)	3&4-Methylphenol	11.59	471	194715	128.81	ug/l	89
18)	Hexachloroethane	11.53	468	36235	66.78	ug/l	100
19)	*d8-Naphthalene	13.49	564	161793	40.00	ug/l	97
20)	Nitrobenzene-d5	11.80	481	129752	69.60	ug/l	97
21)	Nitrobenzene	11.86	484	140979	74.96	ug/l	92
31)	Hexachlorobutadiene	14.04	591	37120	65.41	ug/l	100
34)	*d10-Acenaphthene	18.01	786	102301	40.00	ug/l	95
36)	2,4,6-Trichlorophenol	16.16	695	64603	69.33	ug/l	90
37)	2,4,5-Trichlorophenol	16.24	699	71509	69.20	ug/l	98
39)	2-Fluorobiphenyl	16.36	705	199392	70.76	ug/l	95
49)	2,4-Dinitrotoluene	18.70	820	107443	74.25	ug/l	93
54)	2,4,6-Tribromophenol	20.07	887	66719	135.68	ug/l	98
55)	*d10-Phenanthrene	21.76	970	193322	40.00	ug/l	100
60)	Hexachlorobenzene	21.01	933	78809	86.84	ug/l	98
61)	Pentachlorophenol	21.50	957	61424	84.96	ug/l	89
67)	*d12-Chrysene	28.55	1303	187543	40.00	ug/l	100
70)	Terphenyl-d14	25.94	1175	281851	70.93	ug/l	93
76)	*d12-Perylene	31.96	1470	186570	40.00	ug/l	100

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >F9821::G2 Quant Output File: ^F9821::QT
Name: 9913211MS Instrument ID: AHP5970B
Misc: 12/08/99 BTL# 6

Id File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

Operator ID: DANIEL
Quant Time : 991209 19:28
Injected at: 991209 18:52

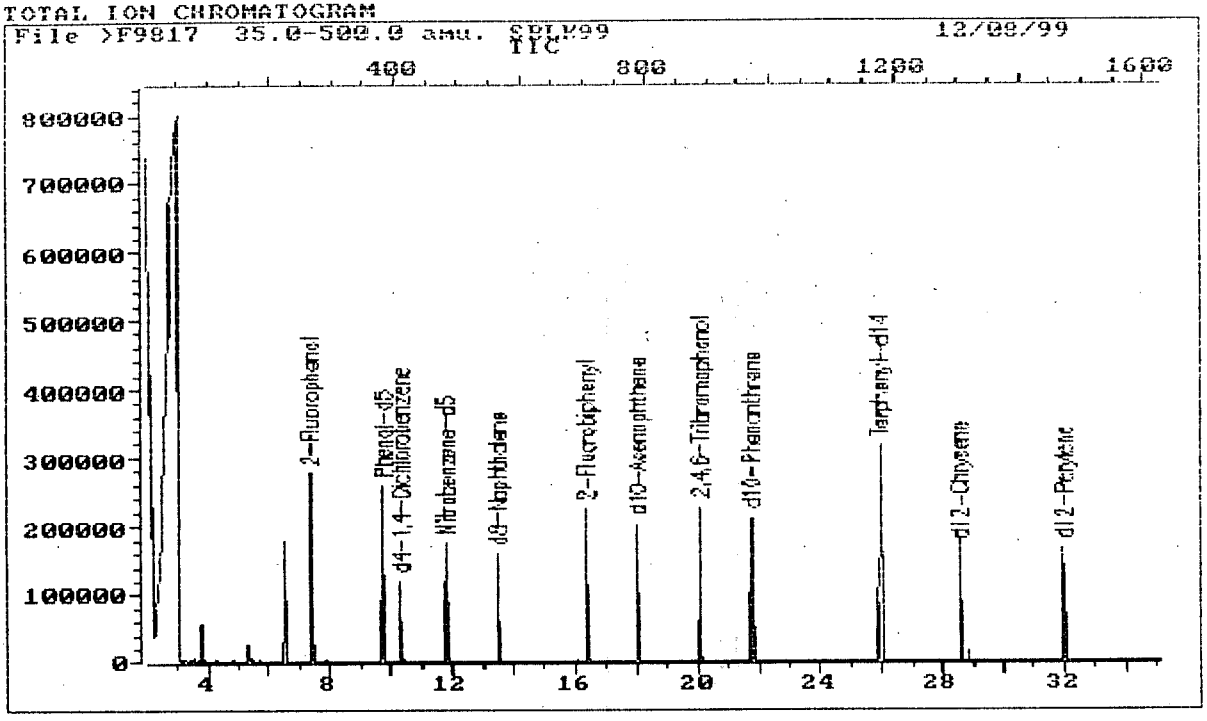
Operator ID: DANIEL Quant Rev: 7 Quant Time: 991209 16:27
Output File: ^F9817::QT Injected at: 991209 15:51
Data File: >F9817::G2 Dilution Factor: 1.00000
Name: SBLK99 Instrument ID: AHP5970B
Misc: 12/08/99 BTL# 2

ID File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	10.31	408	37329	40.00	ug/l	87
4)	2-Fluorophenol	7.37	264	140350	107.34	ug/l	100
6)	Phenol-d5	9.74	380	220281	112.68	ug/l	90
19)	*d8-Naphthalene	13.49	564	152687	40.00	ug/l	98
20)	Nitrobenzene-d5	11.80	481	120648	68.58	ug/l	90
34)	*d10-Acenaphthene	18.01	786	95621	40.00	ug/l	97
39)	2-Fluorobiphenyl	16.34	704	185900	70.58	ug/l	95
54)	2,4,6-Tribromophenol	20.07	887	62428	135.82	ug/l	98
55)	*d10-Phenanthrene	21.76	970	175009	40.00	ug/l	100
67)	*d12-Chrysene	28.55	1303	175898	40.00	ug/l	100
70)	Terphenyl-d14	25.94	1175	286313	76.82	ug/l	92
76)	*d12-Perylene	31.95	1470	170070	40.00	ug/l	100

* Compound is ISTD

TOTAL ION CHROMATOGRAM

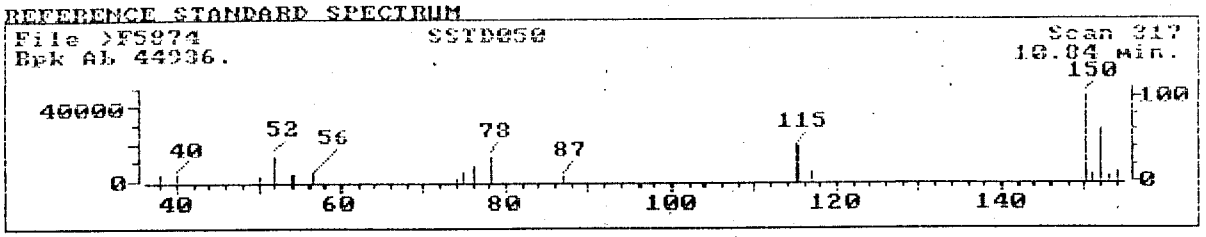


Data File: >F9817::G2 Quant Output File: ^F9817::QT
Name: SBLK99 Instrument ID: AHP5970B
Misc: 12/08/99 BTL# 2

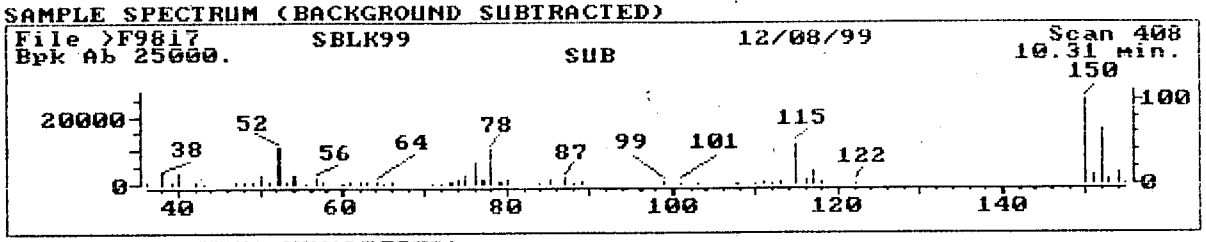
Id File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

Operator ID: DANIEL
Quant Time : 991209 16:27
Injected at: 991209 15:51

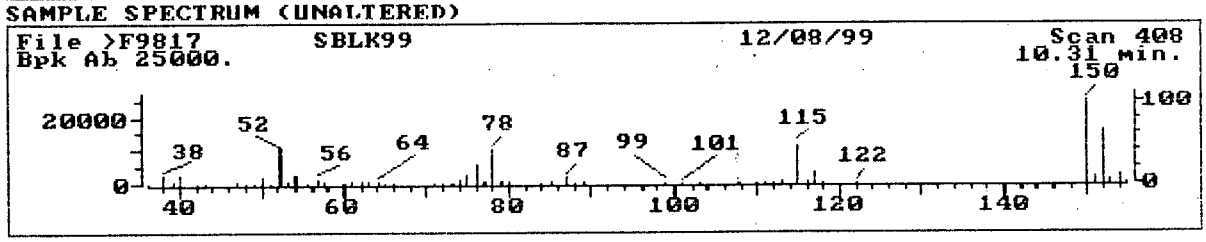
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

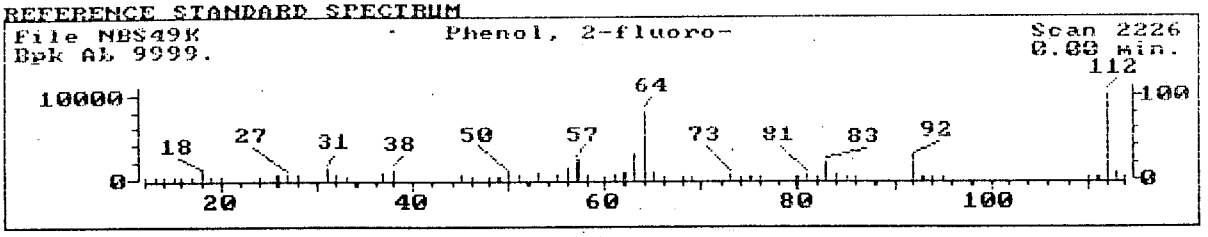


Data File: >F9817::G2
Name: SBLK99
Misc: 12/08/99
Quant Time: 991209 16:27
Injected at: 991209 15:51
Last Qcal Time: <none>

Quant Output File: ^F9817::QT
Instrument ID: AHP5970B
BTL# 2
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 1 (ISTD)
Compound Name : d4-1,4-Dichlorobenzene
Scan Number : 408
Retention Time: 10.31 min.
Quant Ion : 152.0
Area : 37329
Concentration : 40.00 ug/l
q-value : 87

REFERENCE STANDARD SPECTRUM



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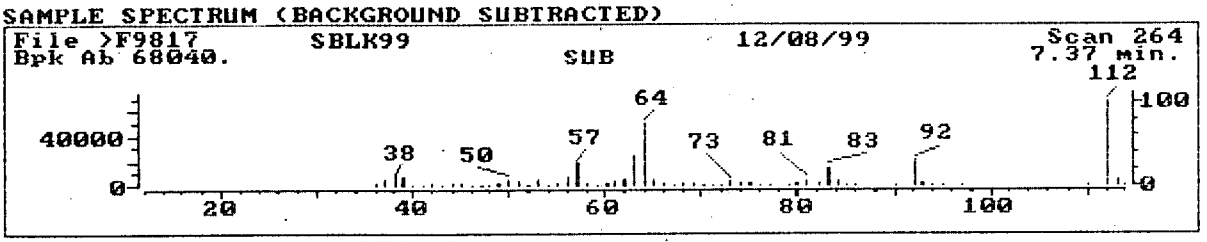

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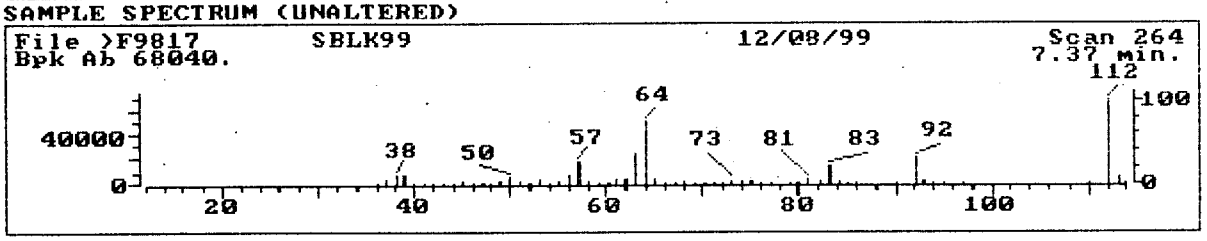
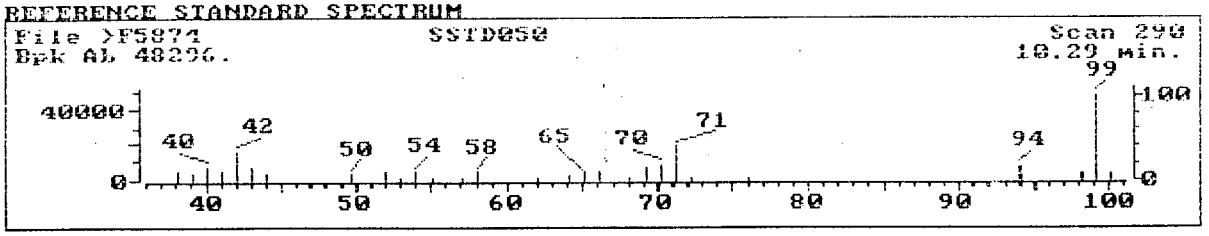


Data File: >F9817::G2
Name: SBLK99
Misc: 12/08/99
Quant Time: 991209 16:27
Injected at: 991209 15:51
Last Qcal Time: <none>

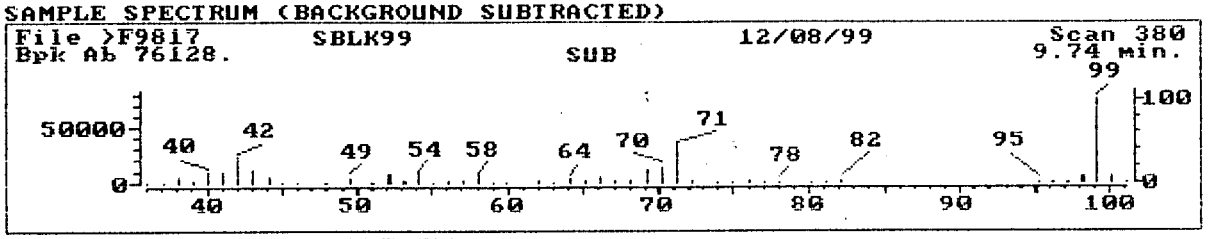
Quant Output File: ^F9817::QT
Instrument ID: AHP5970B
BTL# 2
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 4
Compound Name : 2-Fluorophenol
Scan Number : 264
Retention Time: 7.37 min.
Quant Ion : 112.0
Area : 140350
Concentration : 107.34 ug/l
q-value : 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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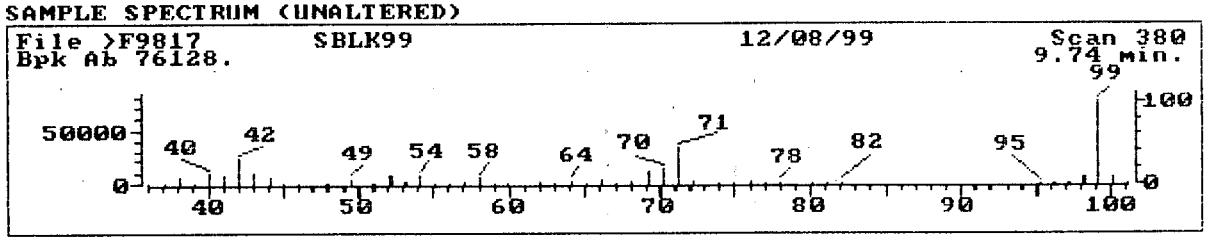
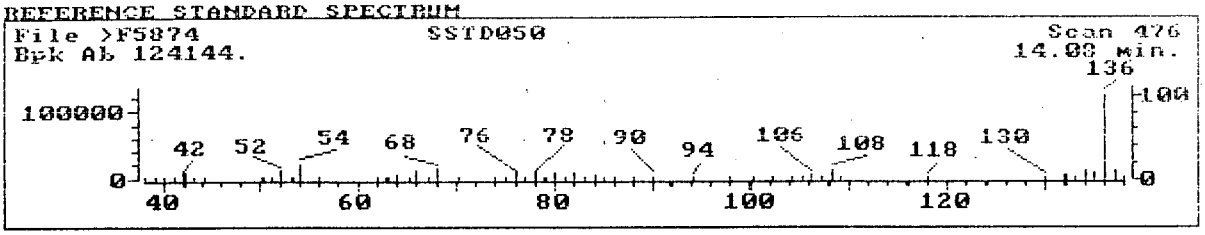


Data File: >F9817::G2
Name: SBLK99
Misc: 12/08/99
Quant Time: 991209 16:27
Injected at: 991209 15:51
Last Qcal Time: <none>

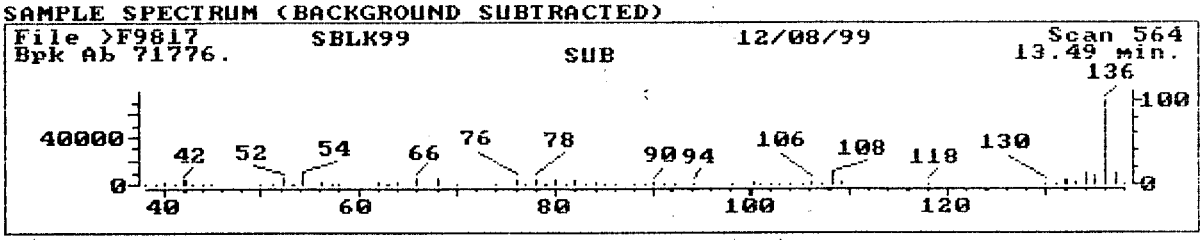
Quant Output File: ^F9817::QT
Instrument ID: AHP5970B
BTL# 2
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 6
Compound Name : Phenol-d5
Scan Number : 380
Retention Time: 9.74 min.
Quant Ion : 99.0
Area : 220281
Concentration : 112.68 ug/l
q-value : 90

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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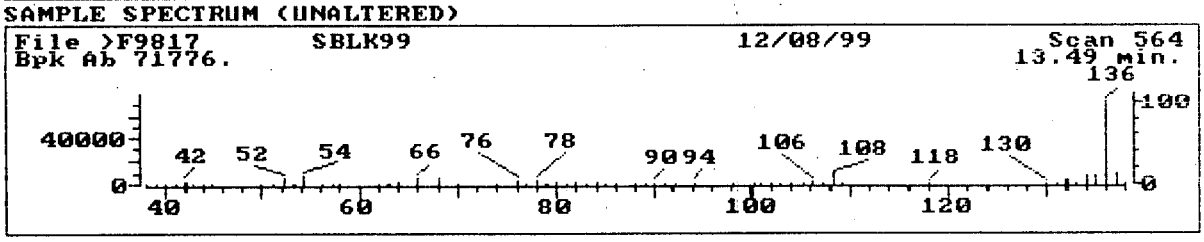
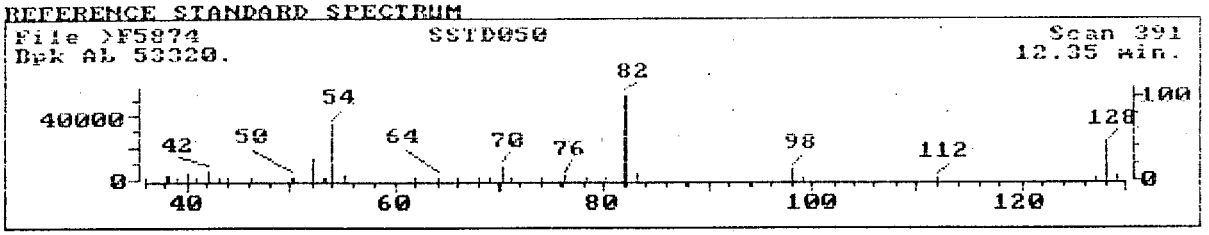


Data File: >F9817::G2
Name: SBLK99
Misc: 12/08/99
Quant Time: 991209 16:27
Injected at: 991209 15:51
Last Qcal Time: <none>

Quant Output File: ^F9817::QT
Instrument ID: AHP5970B
BTL# 2
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 19 (ISTD)
Compound Name : d8-Naphthalene
Scan Number : 564
Retention Time: 13.49 min.
Quant Ion : 136.0
Area : 152687
Concentration : 40.00 ug/l
q-value : 98

REFERENCE STANDARD SPECTRUM



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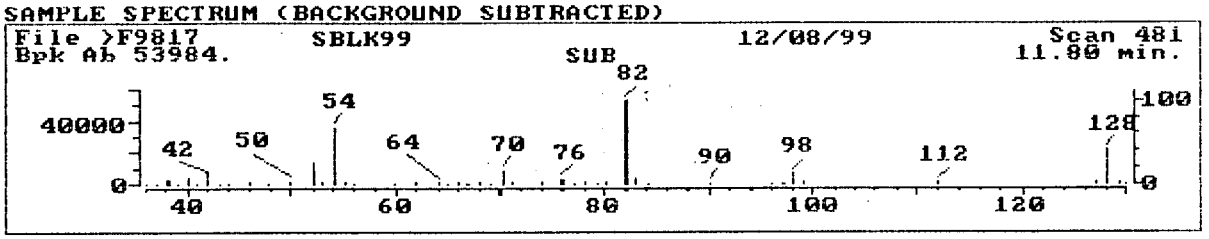

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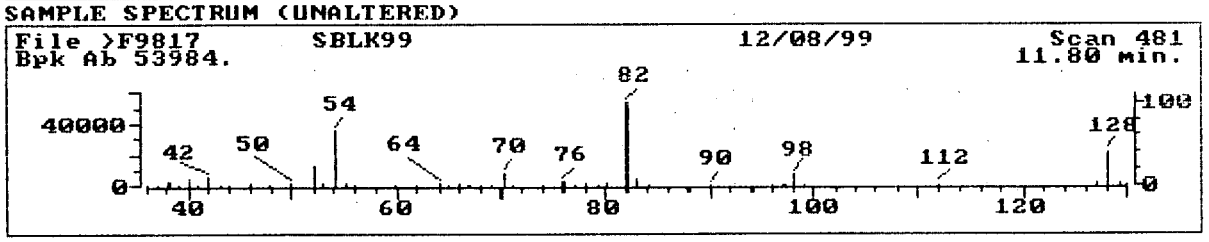
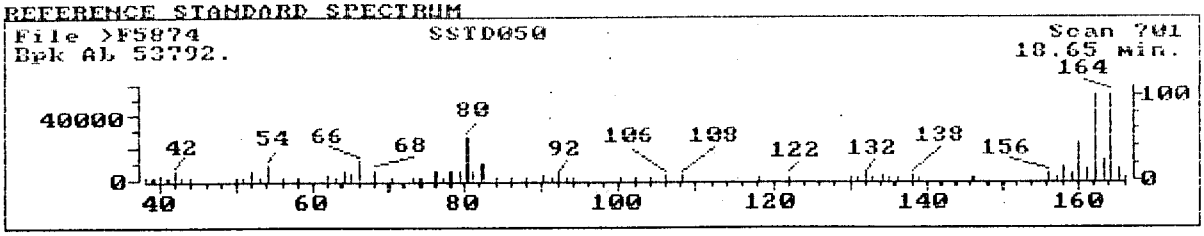


Data File: >F9817::G2
Name: SBLK99
Misc: 12/08/99
Quant Time: 991209 16:27
Injected at: 991209 15:51
Last Qcal Time: <none>

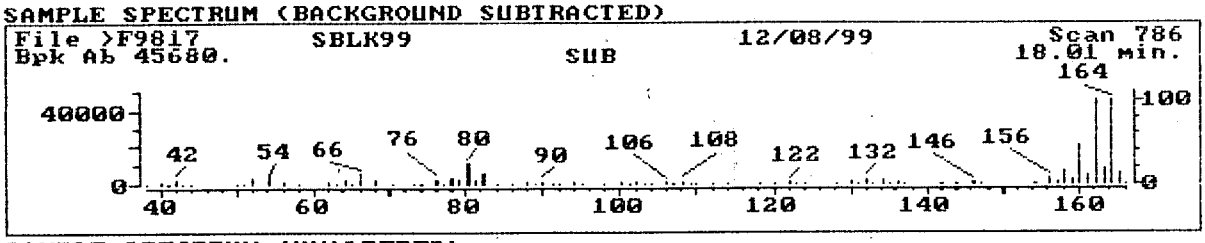
Quant Output File: ^F9817::QT
Instrument ID: AHP5970B
BTL# 2
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 20
Compound Name : Nitrobenzene-d5
Scan Number : 481
Retention Time: 11.80 min.
Quant Ion : 82.0
Area : 120648
Concentration : 68.58 ug/l
q-value : 90

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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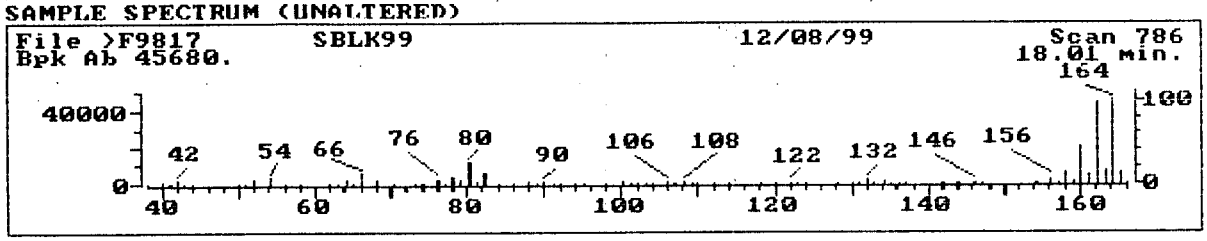
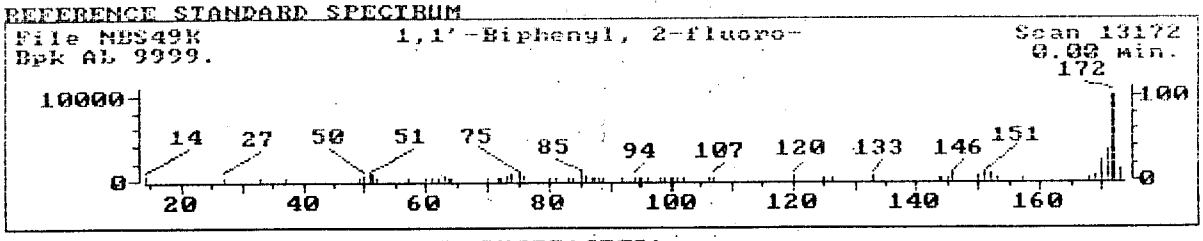


Data File: >F9817::G2
Name: SBLK99
Misc: 12/08/99
Quant Time: 991209 16:27
Injected at: 991209 15:51
Last Qcal Time: <none>

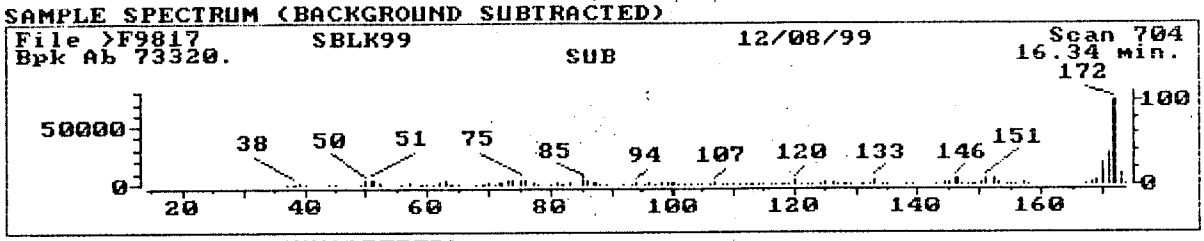
Quant Output File: ^F9817::QT
Instrument ID: AHP5970B
BTL# 2
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 34 (ISTD)
Compound Name : d10-Acenaphthene
Scan Number : 786
Retention Time: 18.01 min.
Quant Ion : 164.0
Area : 95621
Concentration : 40.00 ug/l
q-value : 97

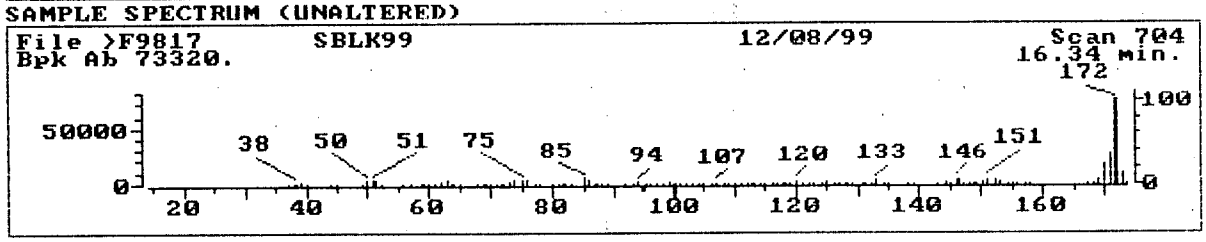
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

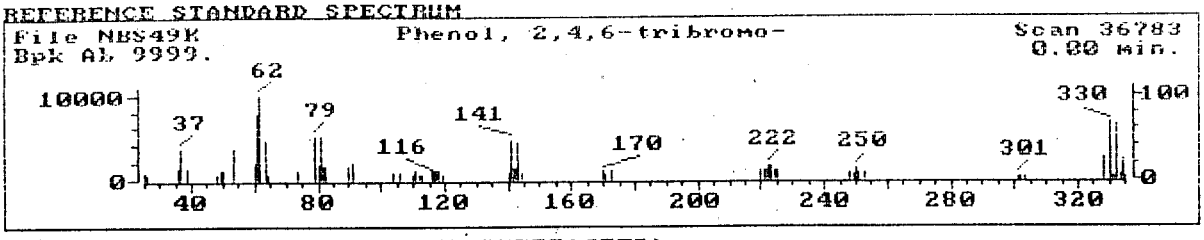


Data File: >F9817::G2
Name: SBLK99
Misc: 12/08/99
Quant Time: 991209 16:27
Injected at: 991209 15:51
Last Qcal Time: <none>

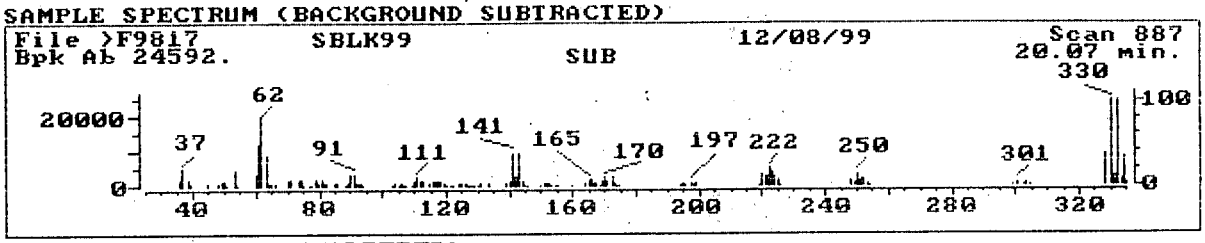
Quant Output File: ^F9817::QT
Instrument ID: AHP5970B
BTL# 2
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 39
Compound Name : 2-Fluorobiphenyl
Scan Number : 704
Retention Time: 16.34 min.
Quant Ion : 172.0
Area : 185900
Concentration : 70.58 ug/l
q-value : 95

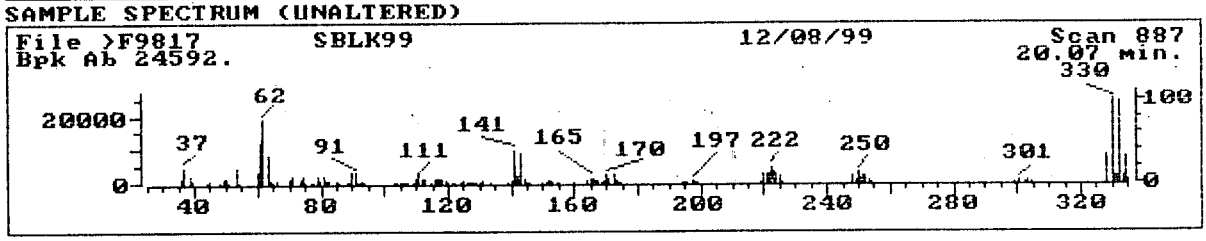
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



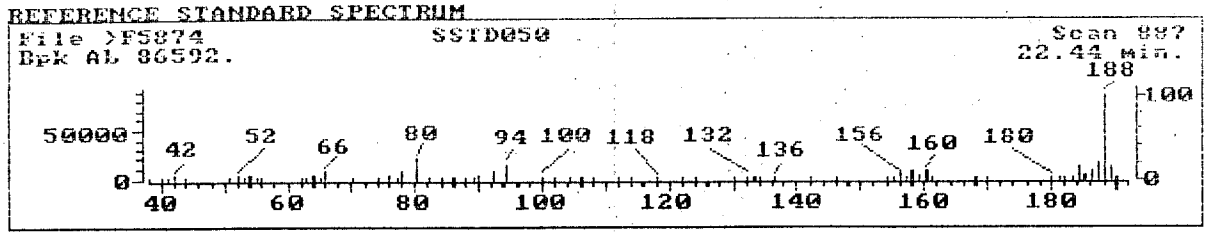
SAMPLE SPECTRUM (UNALTERED)



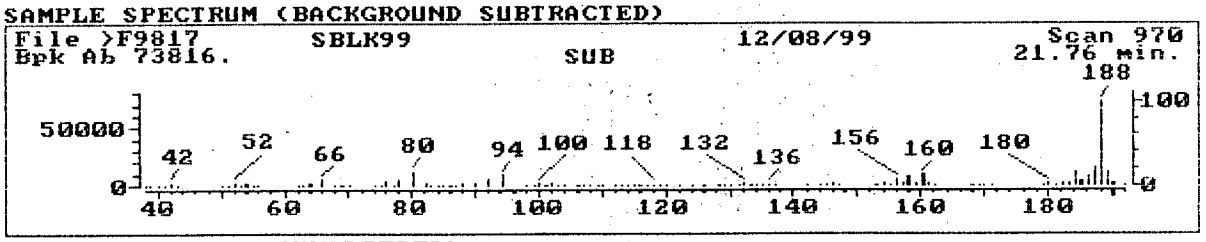
Data File: >F9817::G2 Quant Output File: ^F9817::QT
Name: SBLK99 Instrument ID: AHP5970B
Misc: 12/08/99 BTL# 2
Quant Time: 991209 16:27 Quant ID File: IDF01::ME
Injected at: 991209 15:51 Last Calibration: 991209 15:19
Last Qcal Time: <none>

Compound No : 54
Compound Name : 2,4,6-Tribromophenol
Scan Number : 887
Retention Time: 20.07 min.
Quant Ion : 329.8
Area : 62428
Concentration : 135.82 ug/l
q-value : 98

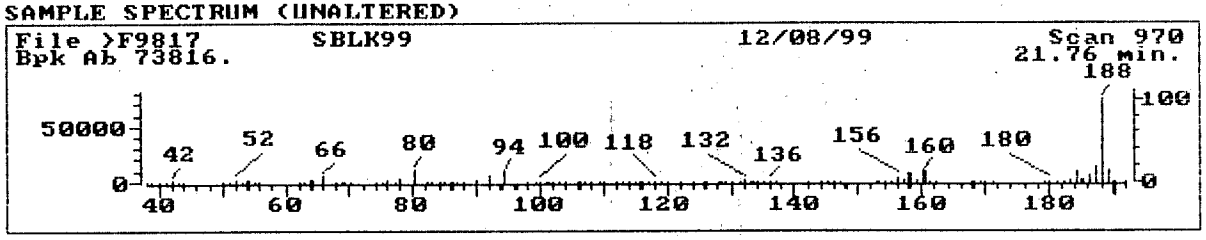
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

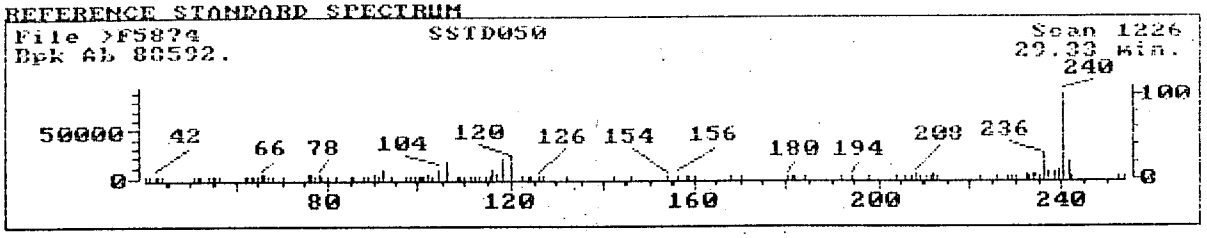


Data File: >F9817::G2
Name: SBLK99
Misc: 12/08/99
Quant Time: 991209 16:27
Injected at: 991209 15:51
Last Qcal Time: <none>

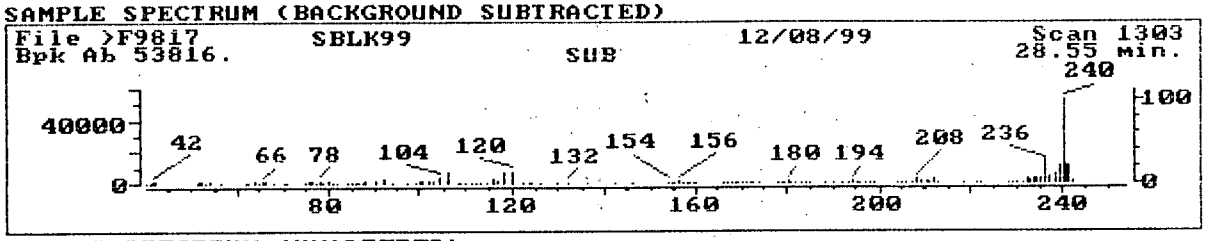
Quant Output File: ^F9817::QT
Instrument ID: AHP5970B
BTL# 2
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 55 (ISTD)
Compound Name : d10-Phenanthrene
Scan Number : 970
Retention Time: 21.76 min.
Quant Ion : 188.0
Area : 175009
Concentration : 40.00 ug/l
q-value : 100

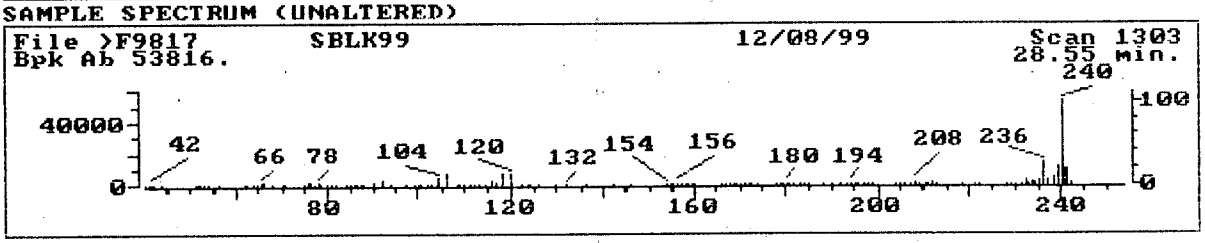
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

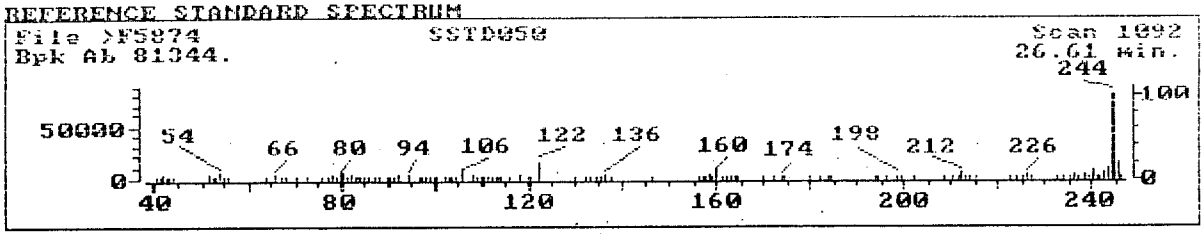


Data File: >F9817::G2
Name: SBLK99
Misc: 12/08/99
Quant Time: 991209 16:27
Injected at: 991209 15:51
Last Qcal Time: <none>

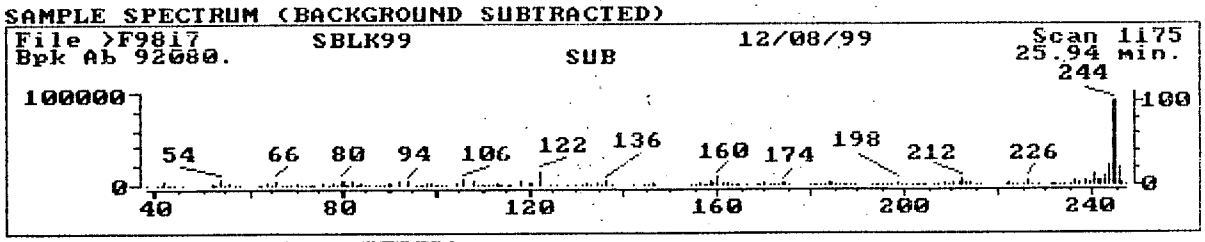
Quant Output File: ^F9817::QT
Instrument ID: AHP5970B
BTL# 2
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 67 (ISTD)
Compound Name : d12-Chrysene
Scan Number : 1303
Retention Time: 28.55 min.
Quant Ion : 240.0
Area : 175898
Concentration : 40.00 ug/l
q-value : 100

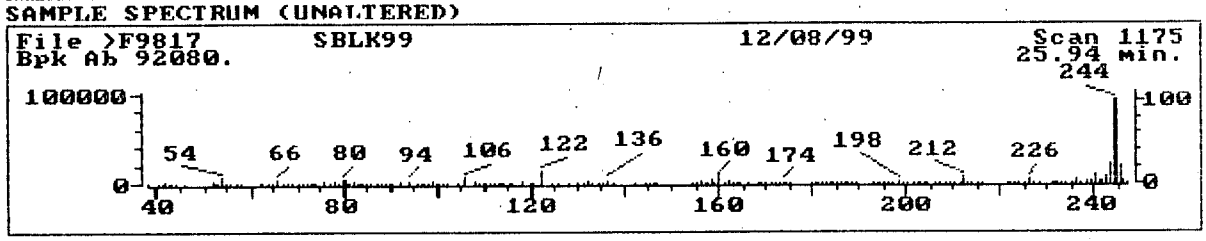
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

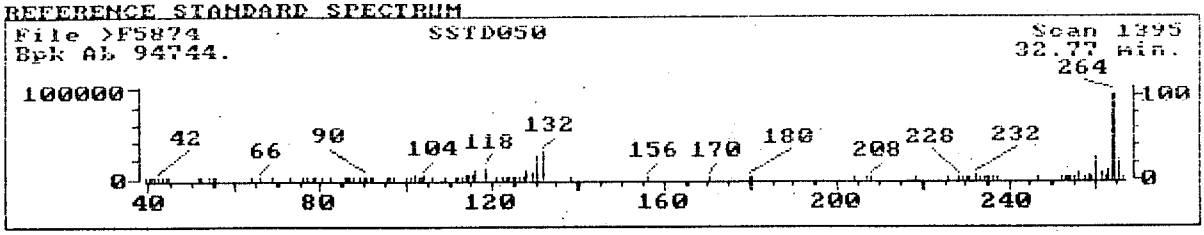


Data File: >F9817::G2
Name: SBLK99
Misc: 12/08/99
Quant Time: 991209 16:27
Injected at: 991209 15:51
Last Qcal Time: <none>

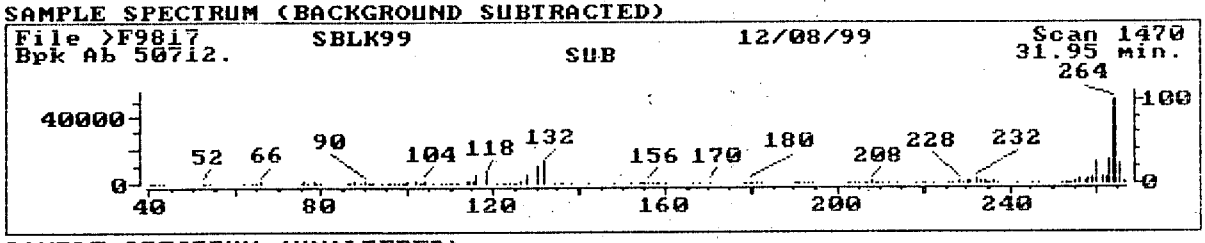
Quant Output File: ^F9817::QT
Instrument ID: AHP5970B
BTL# 2
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 70
Compound Name : Terphenyl-d14
Scan Number : 1175
Retention Time: 25.94 min.
Quant Ion : 244.0
Area : 286313
Concentration : 76.82 ug/l
q-value : 92

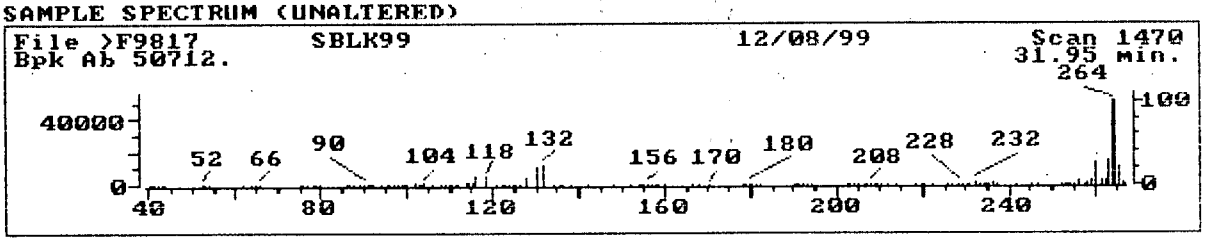
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >F9817::G2
Name: SBLK99
Misc: 12/08/99
Quant Time: 991209 16:27
Injected at: 991209 15:51
Last Qcal Time: <none>

Quant Output File: ^F9817::QT
Instrument ID: AHP5970B
BTL# 2
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 76 (ISTD)
Compound Name : d12-Perylene
Scan Number : 1470
Retention Time: 31.95 min.
Quant Ion : 264.0
Area : 170070
Concentration : 40.00 ug/l
q-value : 100

Operator ID: DANIEL Quant Rev: 7 Quant Time: 991209 20:13
Output File: ^F9822::QT Injected at: 991209 19:37
Data File: >F9822::G2 Dilution Factor: 1.00000
Name: 9912994 Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-1 BTL# 7

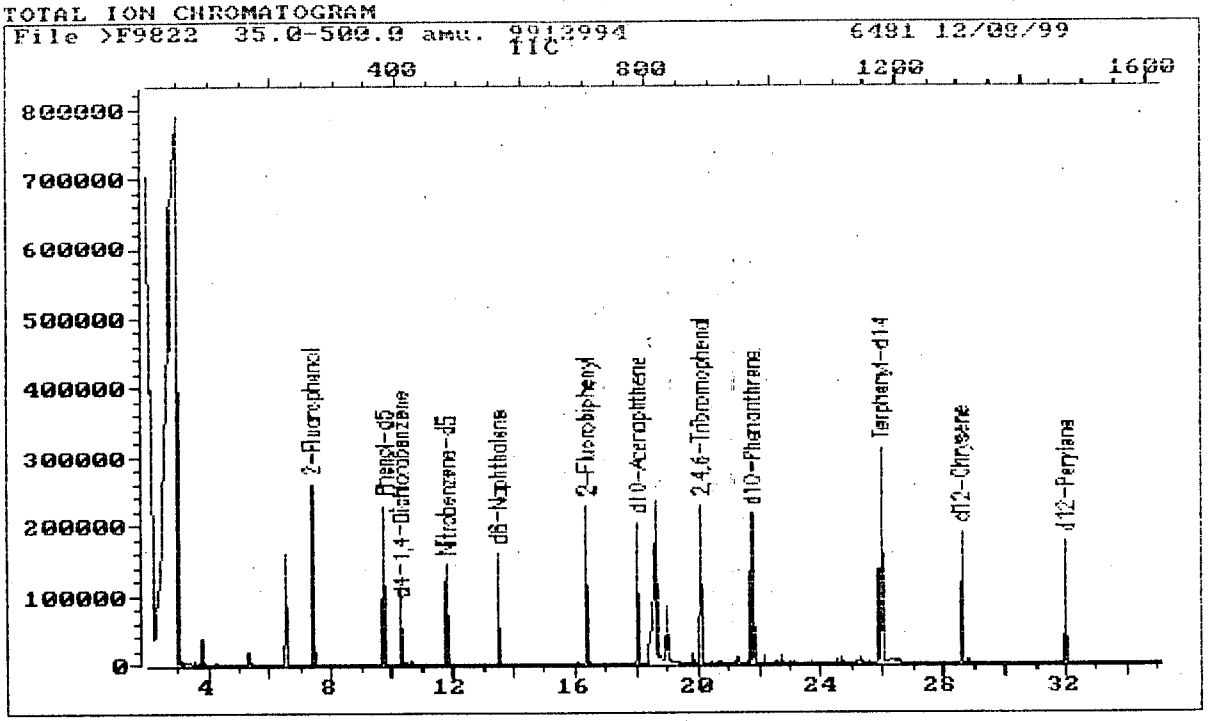
ID File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	10.29	407	36391	40.00	ug/l	96
4)	2-Fluorophenol	7.37	264	127663	100.15	ug/l	100
6)	Phenol-d5	9.74	380	205217	107.68	ug/l	93
19)	*d8-Naphthalene	13.48	564	148379	40.00	ug/l	96
20)	Nitrobenzene-d5	11.79	481	109626	64.12	ug/l	90
34)	*d10-Acenaphthene	18.01	786	94899	40.00	ug/l	96
39)	2-Fluorobiphenyl	16.34	704	172349	65.93	ug/l	95
54)	2,4,6-Tribromophenol	20.07	887	68035	149.15	ug/l	99
55)	*d10-Phenanthrene	21.76	970	173996	40.00	ug/l	100
67)	*d12-Chrysene	28.56	1303	169968	40.00	ug/l	100
70)	Terphenyl-d14	25.95	1175	280388	77.86	ug/l	93
76)	*d12-Perylene	31.96	1470	171462	40.00	ug/l	100

* Compound is ISTD

277

TOTAL ION CHROMATOGRAM

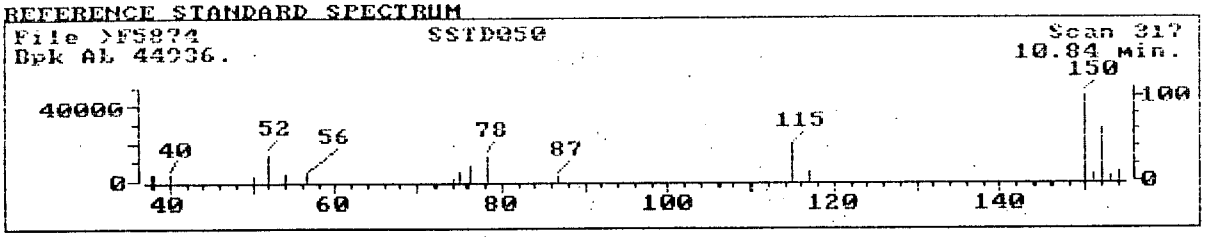


Data File: >F9822::G2 Quant Output File: ^F9822::QT
Name: 9912994 Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-1 BTL# 7

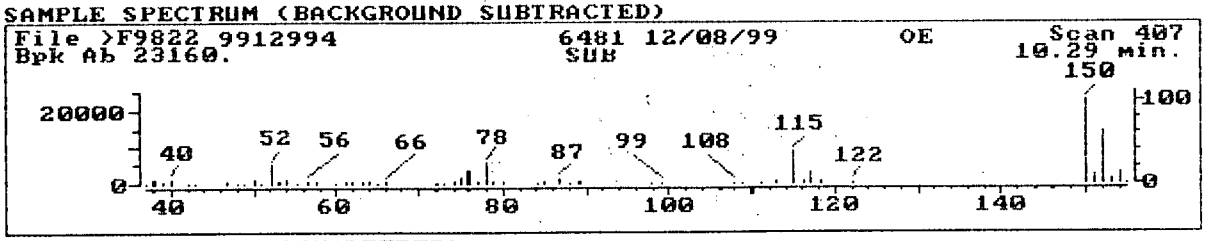
Id File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

Operator ID: DANIEL
Quant Time : 991209 20:13
Injected at: 991209 19:37

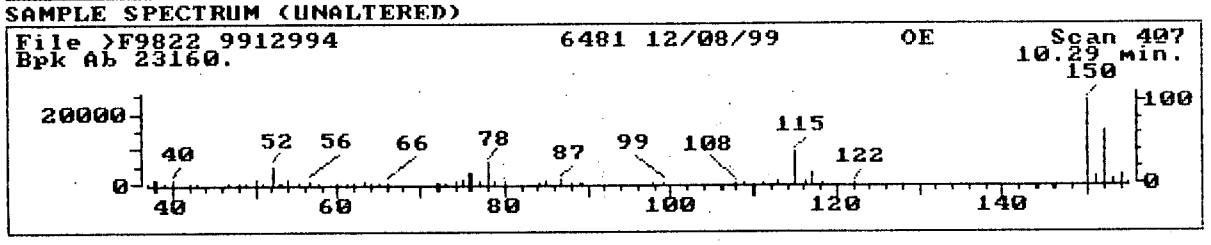
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



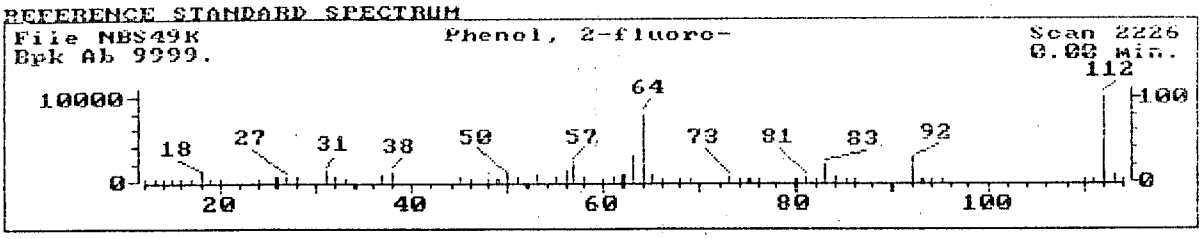
SAMPLE SPECTRUM (UNALTERED)



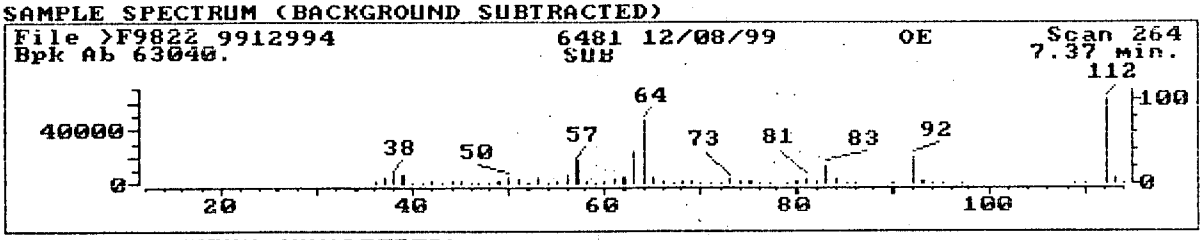
Data File: >F9822::G2 Quant Output File: ^F9822::QT
Name: 9912994 Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-1 BTL# 7
Quant Time: 991209 20:13 Quant ID File: IDF01::ME
Injected at: 991209 19:37 Last Calibration: 991209 15:19
Last Qcal Time: <none>

Compound No : 1 (ISTD)
Compound Name : d4-1,4-Dichlorobenzene
Scan Number : 407
Retention Time: 10.29 min.
Quant Ion : 152.0
Area : 36391
Concentration : 40.00 ug/l
q-value : 96

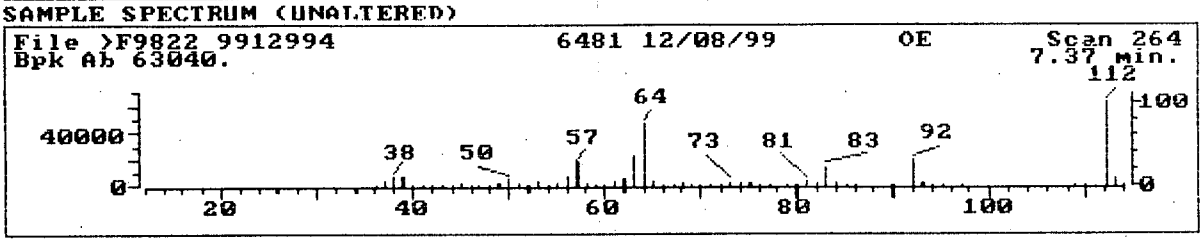
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

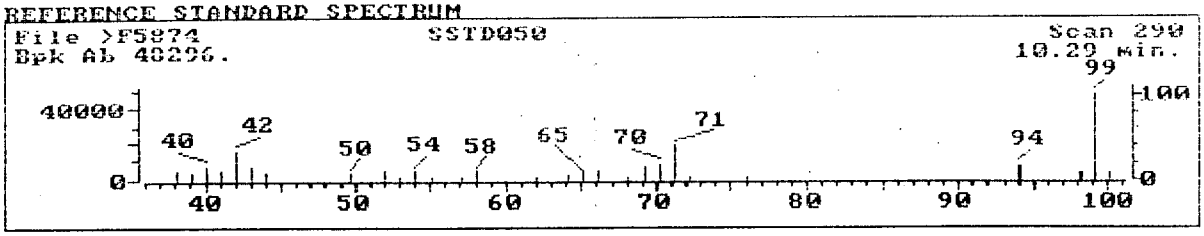


Data File: >F9822::G2
Name: 9912994
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:13
Injected at: 991209 19:37
Last Qcal Time: <none>

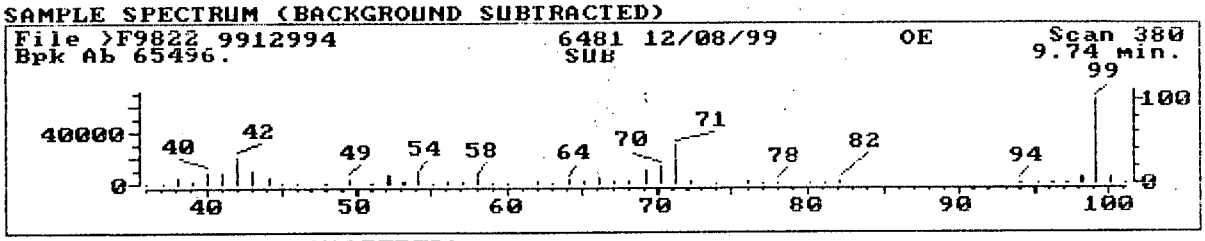
Quant Output File: ^F9822::QT
Instrument ID: AHP5970B
DCOMP-1 BTL# 7
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 4
Compound Name : 2-Fluorophenol
Scan Number : 264
Retention Time: 7.37 min.
Quant Ion : 112.0
Area : 127663
Concentration : 100.15 ug/l
q-value : 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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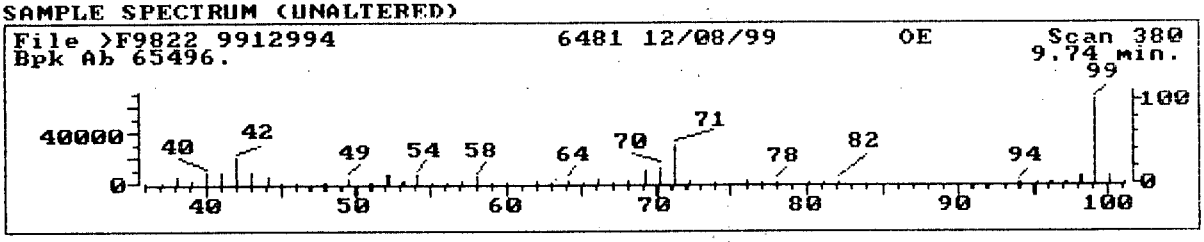
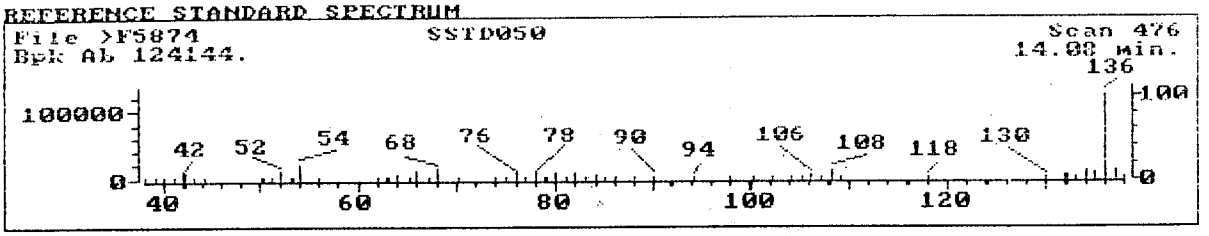


Data File: >F9822::G2
Name: 9912994
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:13
Injected at: 991209 19:37
Last Qcal Time: <none>

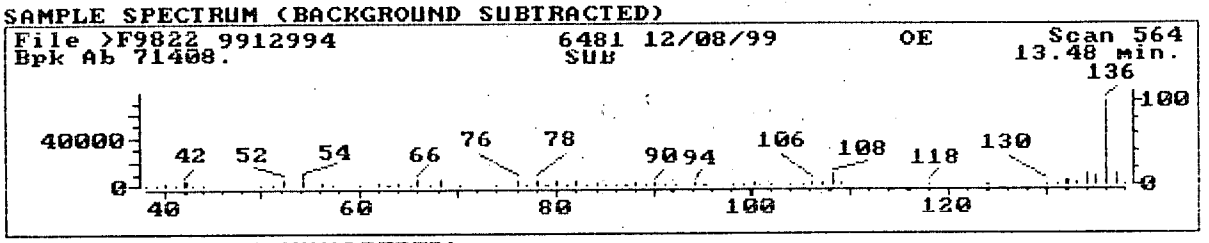
Quant Output File: ^F9822::QT
Instrument ID: AHP5970B
DCOMP-1 BTL# 7
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 6
Compound Name : Phenol-d5
Scan Number : 380
Retention Time: 9.74 min.
Quant Ion : 99.0
Area : 205217
Concentration : 107.68 ug/l
q-value : 93

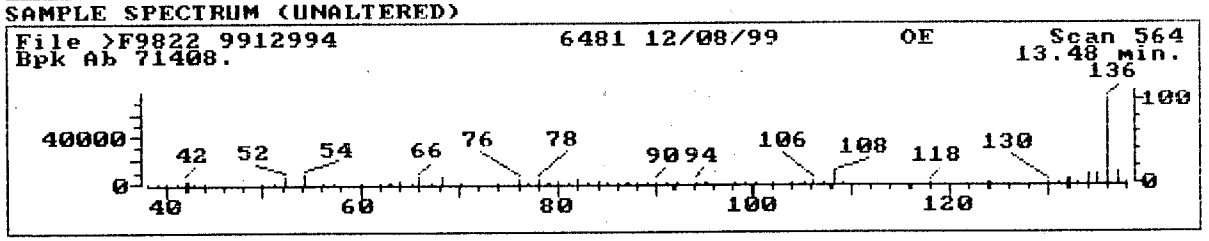
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

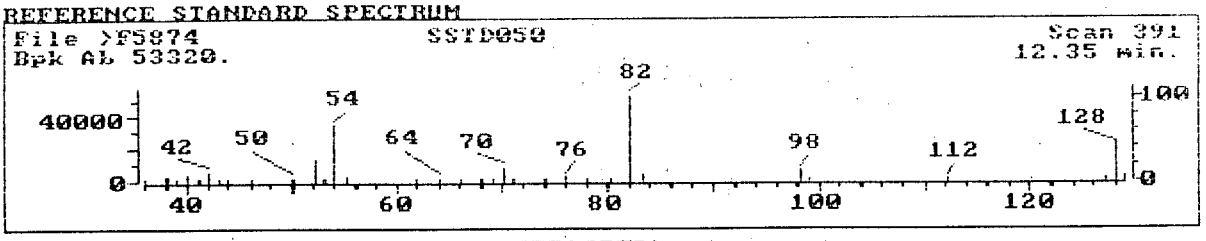


Data File: >F9822::G2
Name: 9912994
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:13
Injected at: 991209 19:37
Last Qcal Time: <none>

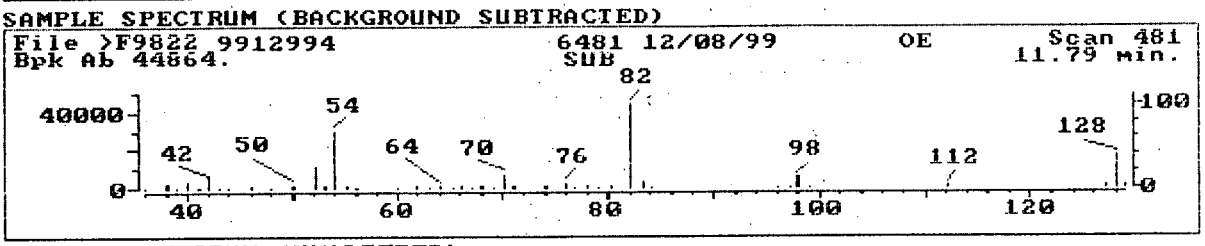
Quant Output File: ^F9822::QT
Instrument ID: AHP5970B
DCOMP-1 BTL# 7
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 19 (ISTD)
Compound Name : d8-Naphthalene
Scan Number : 564
Retention Time: 13.48 min.
Quant Ion : 136.0
Area : 148379
Concentration : 40.00 ug/l
q-value : 96

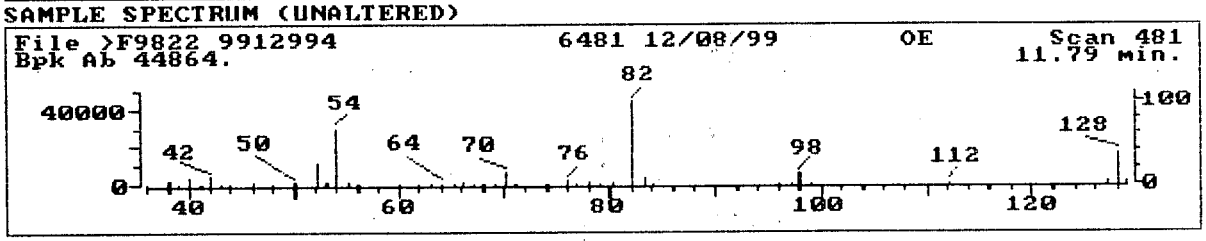
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

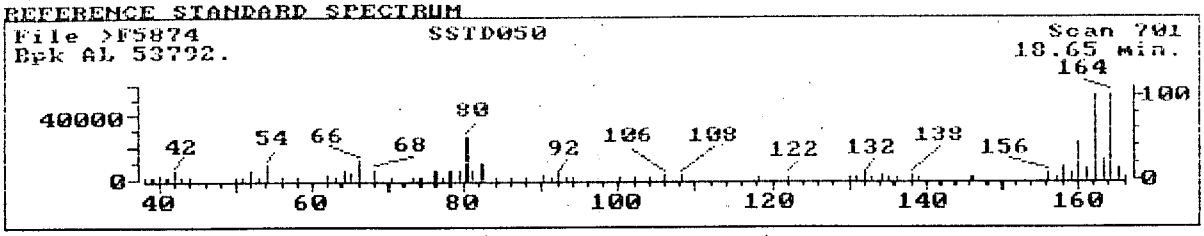


Data File: >F9822::G2
Name: 9912994
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:13
Injected at: 991209 19:37
Last Qcal Time: <none>

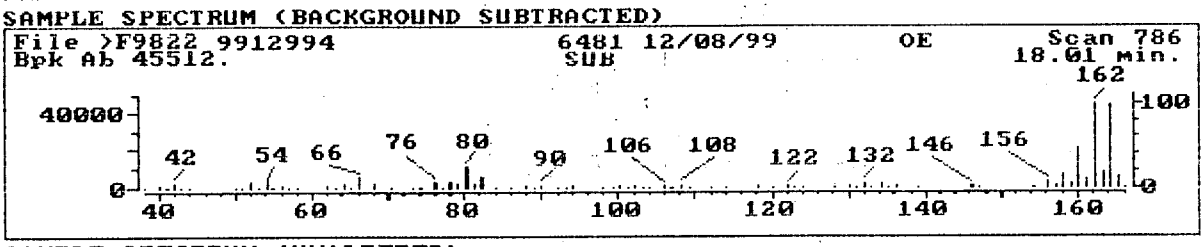
Quant Output File: ^F9822::QT
Instrument ID: AHP5970B
DCOMP-1 BTL# 7
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 20
Compound Name : Nitrobenzene-d5
Scan Number : 481
Retention Time: 11.79 min.
Quant Ion : 82.0
Area : 109626
Concentration : 64.12 ug/l
q-value : 90

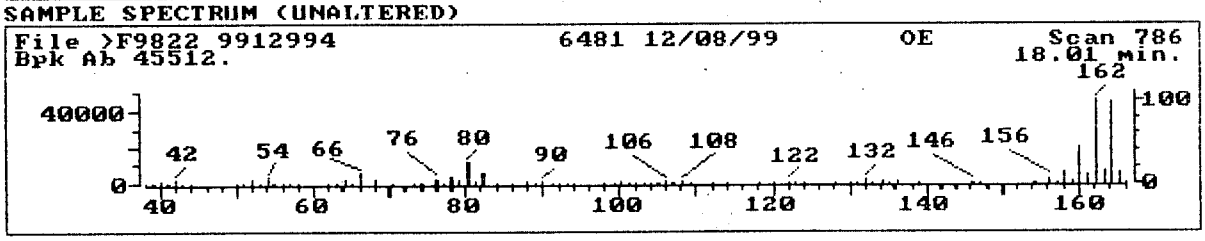
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



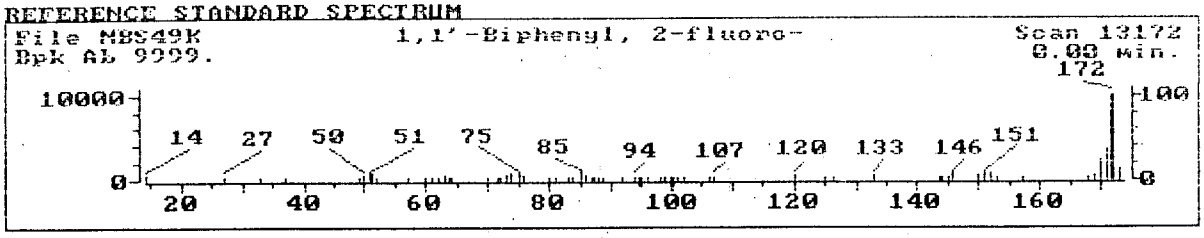
SAMPLE SPECTRUM (UNALTERED)



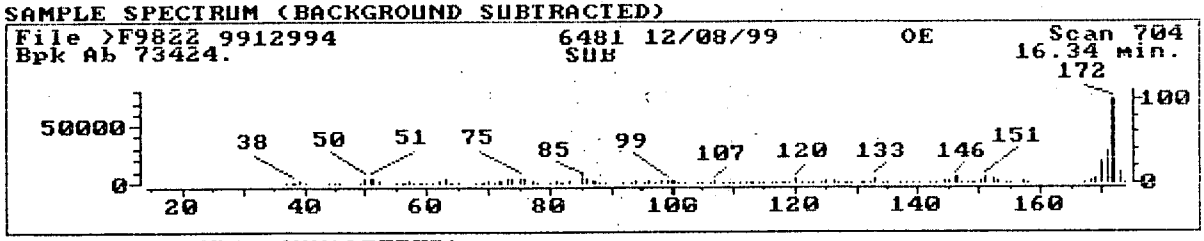
Data File: >F9822::G2 Quant Output File: ^F9822::QT
Name: 9912994 Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-1 BTL# 7
Quant Time: 991209 20:13 Quant ID File: IDF01::ME
Injected at: 991209 19:37 Last Calibration: 991209 15:19
Last Qcal Time: <none>

Compound No : 34 (ISTD)
Compound Name : d10-Acenaphthene
Scan Number : 786
Retention Time: 18.01 min.
Quant Ion : 164.0
Area : 94899
Concentration : 40.00 ug/l
q-value : 96

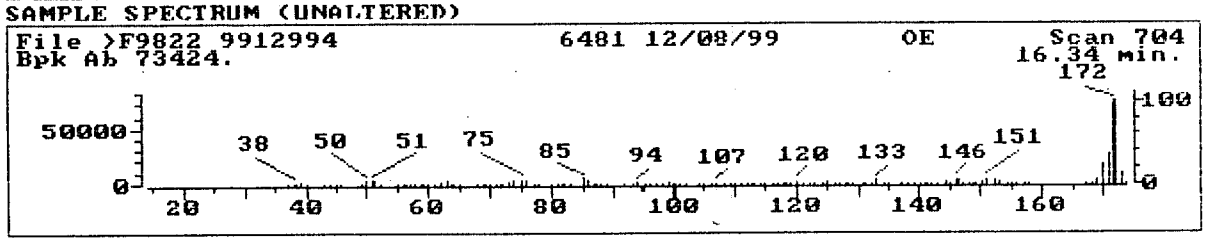
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



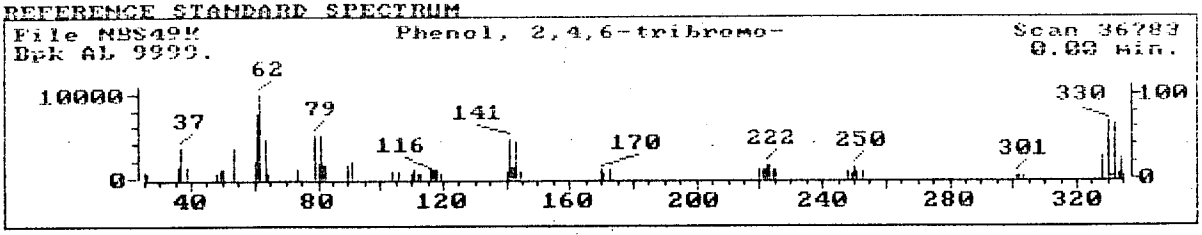
SAMPLE SPECTRUM (UNALTERED)



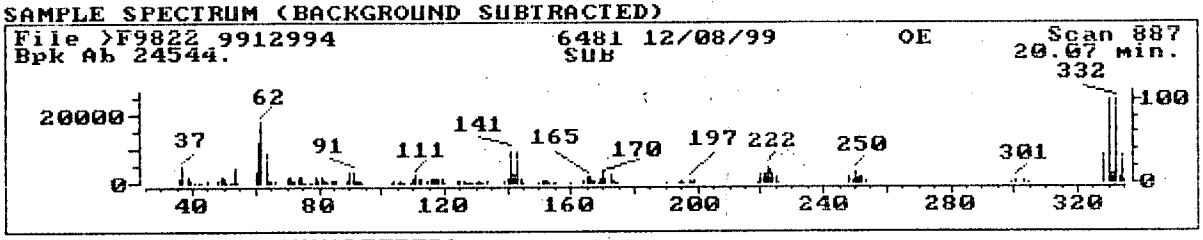
Data File: >F9822::G2 Quant Output File: ^F9822::QT
Name: 9912994 Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-1 BTL# 7
Quant Time: 991209 20:13 Quant ID File: IDF01::ME
Injected at: 991209 19:37 Last Calibration: 991209 15:19
Last Qcal Time: <none>

Compound No : 39
Compound Name : 2-Fluorobiphenyl
Scan Number : 704
Retention Time: 16.34 min.
Quant Ion : 172.0
Area : 172349
Concentration : 65.93 ug/l
q-value : 95

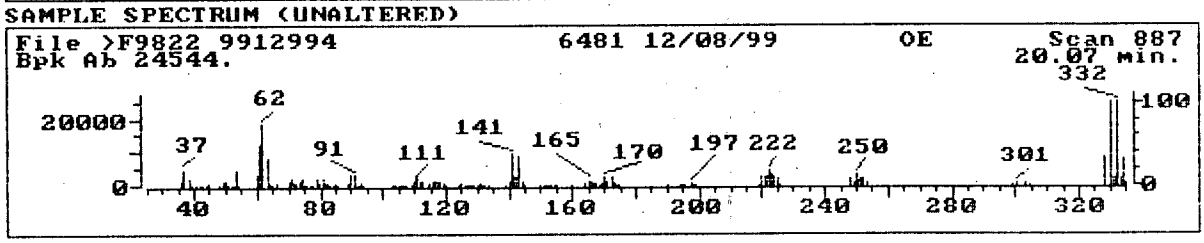
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

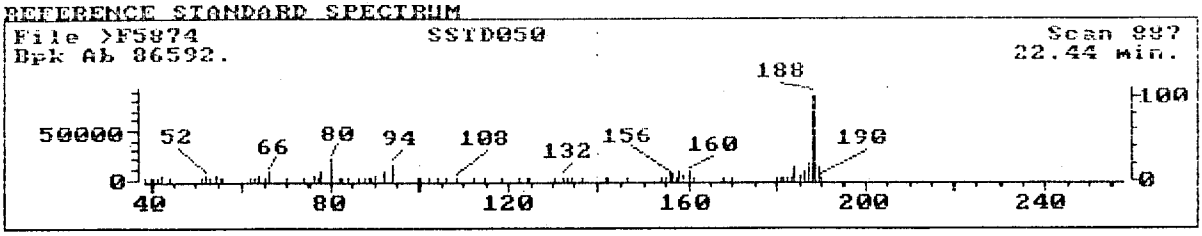


Data File: >F9822::G2
Name: 9912994
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:13
Injected at: 991209 19:37
Last Qcal Time: <none>

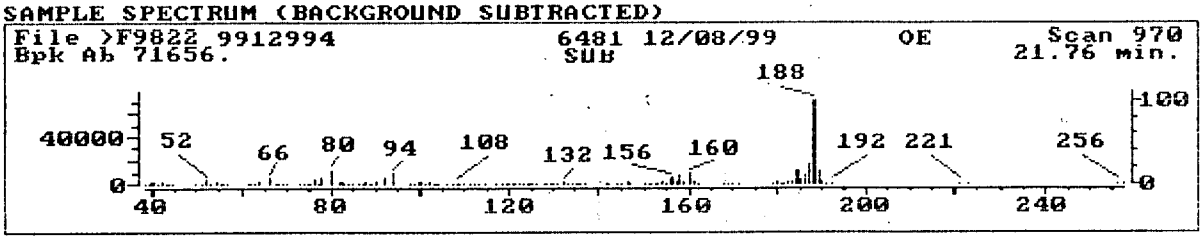
Quant Output File: ^F9822::QT
Instrument ID: AHP5970B
DCOMP-1 BTL# 7
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 54
Compound Name : 2,4,6-Tribromophenol
Scan Number : 887
Retention Time: 20.07 min.
Quant Ion : 329.8
Area : 68035
Concentration : 149.15 ug/l
q-value : 99

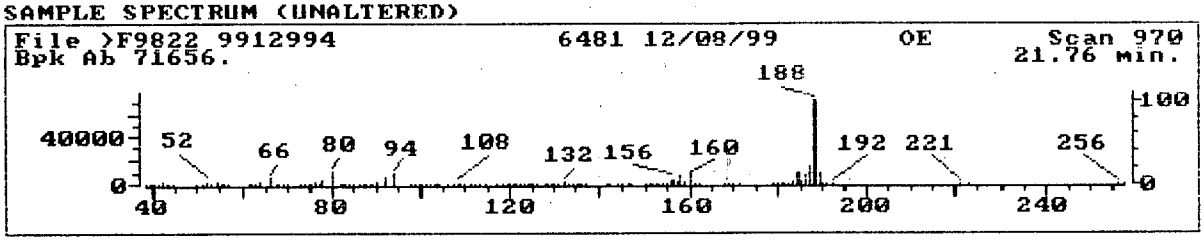
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



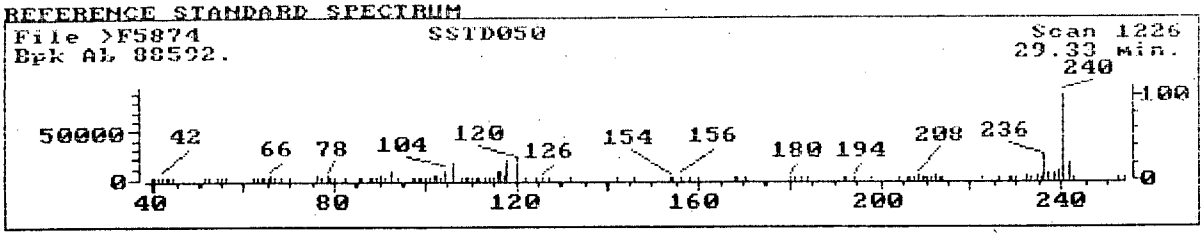
SAMPLE SPECTRUM (UNALTERED)



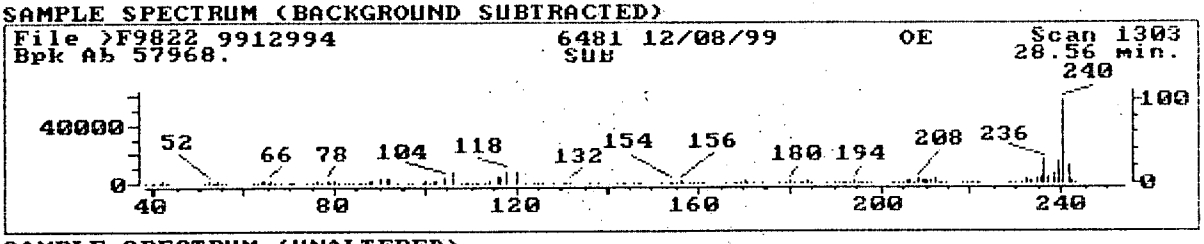
Data File: >F9822::G2 Quant Output File: ^F9822::QT
Name: 9912994 Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-1 BTL# 7
Quant Time: 991209 20:13 Quant ID File: IDF01::ME
Injected at: 991209 19:37 Last Calibration: 991209 15:19
Last Qcal Time: <none>

Compound No : 55 (ISTD)
Compound Name : d10-Phenanthrene
Scan Number : 970
Retention Time: 21.76 min.
Quant Ion : 188.0
Area : 173996
Concentration : 40.00 ug/l
q-value : 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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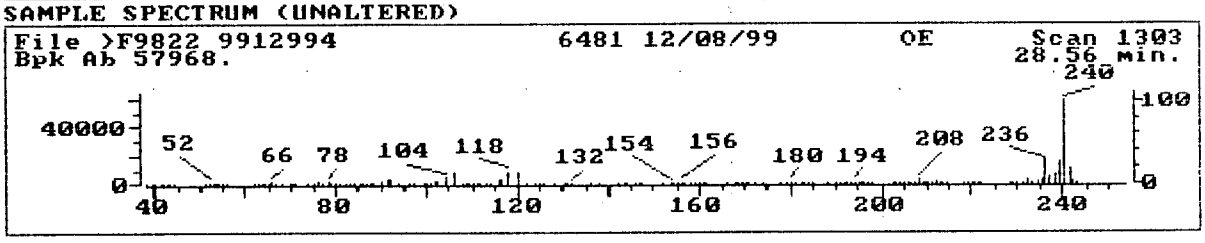
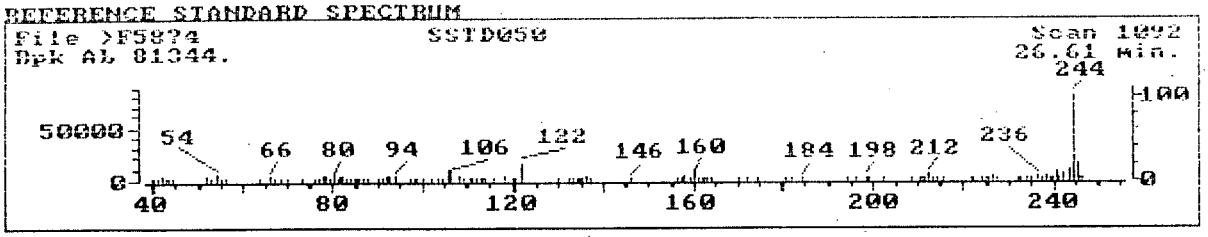


Data File: >F9822::G2
Name: 9912994
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:13
Injected at: 991209 19:37
Last Qcal Time: <none>

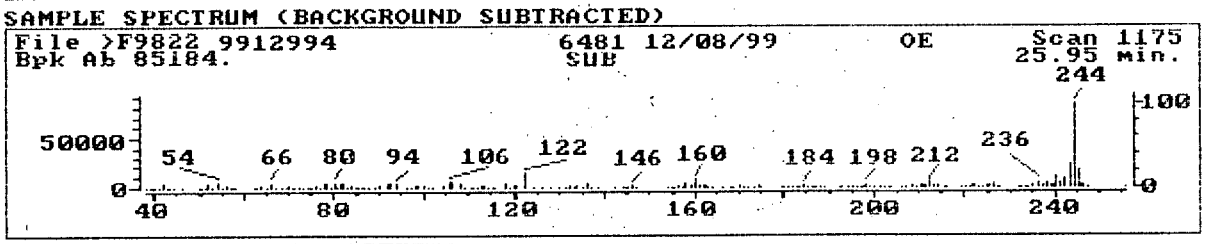
Quant Output File: ^F9822::QT
Instrument ID: AHP5970B
DCOMP-1 BTL# 7
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 67 (ISTD)
Compound Name : d12-Chrysene
Scan Number : 1303
Retention Time: 28.56 min.
Quant Ion : 240.0
Area : 169968
Concentration : 40.00 ug/l
q-value : 100

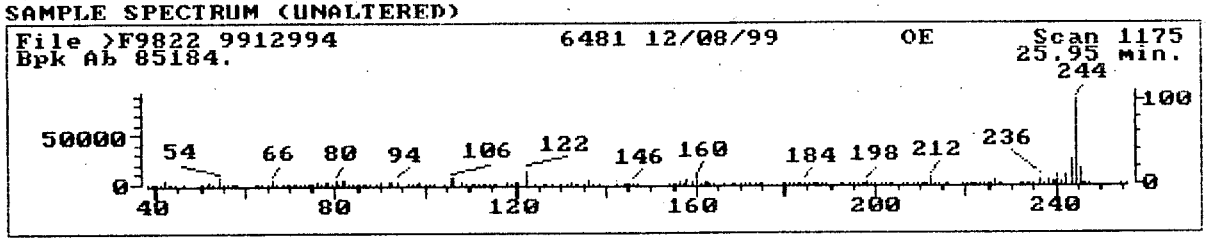
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

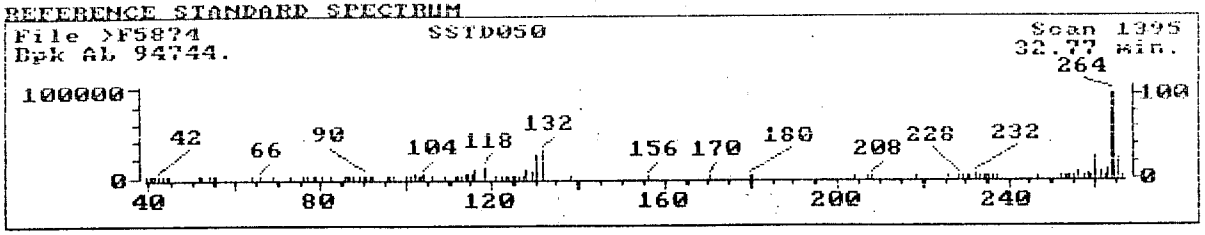


Data File: >F9822::G2
Name: 9912994
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:13
Injected at: 991209 19:37
Last Qcal Time: <none>

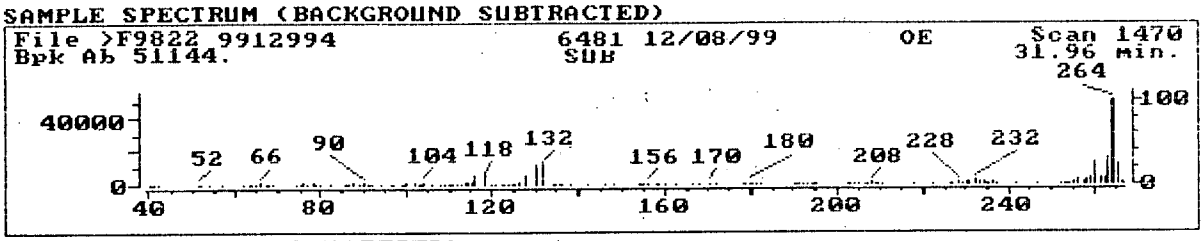
Quant Output File: ^F9822::QT
Instrument ID: AHP5970B
DCOMP-1 BTL# 7
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 70
Compound Name : Terphenyl-d14
Scan Number : 1175
Retention Time: 25.95 min.
Quant Ion : 244.0
Area : 280388
Concentration : 77.86 ug/l
q-value : 93

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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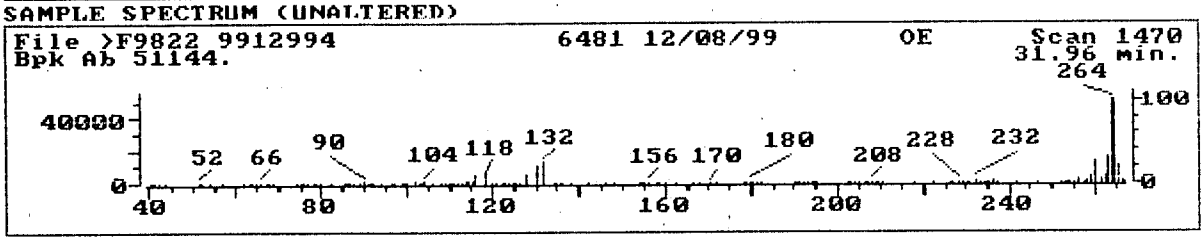


Data File: >F9822::G2
Name: 9912994
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:13
Injected at: 991209 19:37
Last Qcal Time: <none>

Quant Output File: ^F9822::QT
Instrument ID: AHP5970B
DCOMP-1 BTL# 7
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 76 (ISTD)
Compound Name : d12-Perylene
Scan Number : 1470
Retention Time: 31.96 min.
Quant Ion : 264.0
Area : 171462
Concentration : 40.00 ug/l
q-value : 100

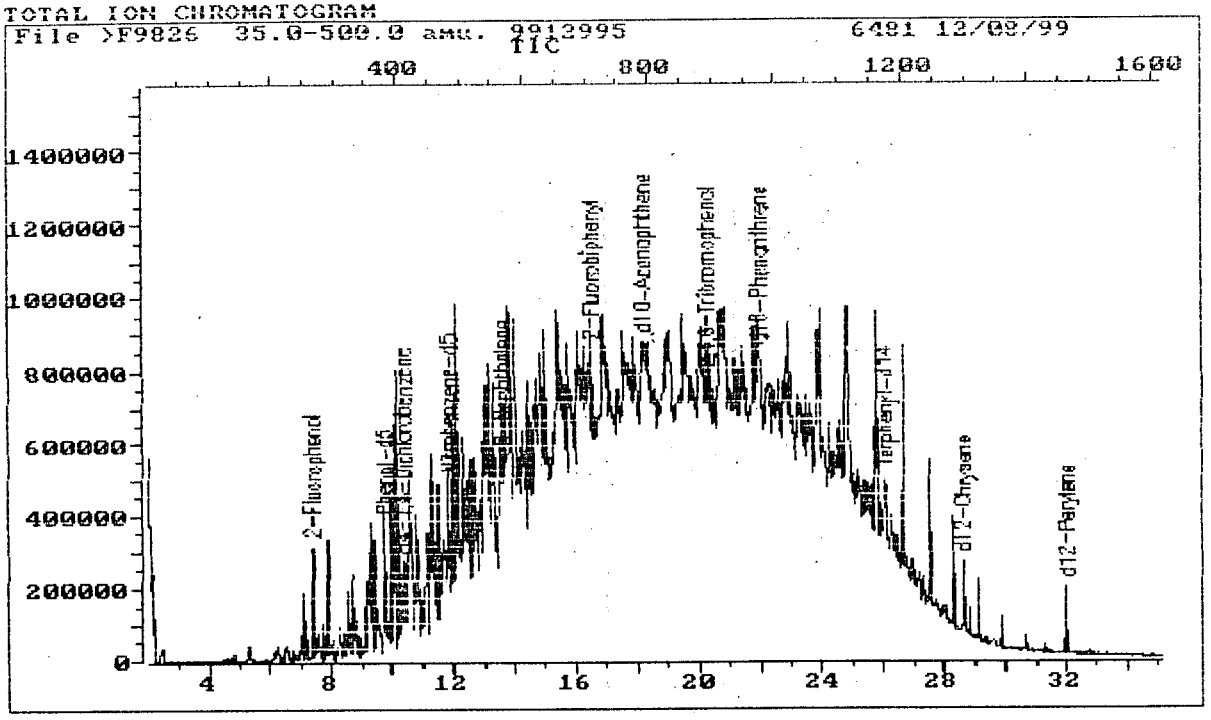
Operator ID: DANIEL Quant Rev: 7 Quant Time: 991209 23:13
Output File: ^F9826::QT Injected at: 991209 22:37
Data File: >F9826::G2 Dilution Factor: 1.00000
Name: 9912995 Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-2 BTL#11

ID File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	10.34	409	35171	40.00	ug/l	86
4)	2-Fluorophenol	7.37	264	181432	147.27	ug/l	100
6)	Phenol-d5	9.74	380	273470	148.47	ug/l	89
19)	*d8-Naphthalene	13.57	567	98934	40.00	ug/l	85
20)	Nitrobenzene-d5	11.83	482	133732	117.32	ug/l	85
34)	*d10-Acenaphthene	18.17	791	20586	40.00	ug/l	91
39)	2-Fluorobiphenyl	16.47	708	92642	163.37	ug/l	96
54)	2,4,6-Tribromophenol	20.25	892	9364	94.63	ug/l	99
55)	*d10-Phenanthrene	21.96	975	68109	40.00	ug/l	100
67)	*d12-Chrysene	28.60	1297	184605	40.00	ug/l	100
70)	Terphenyl-d14	26.04	1173	235217	60.14	ug/l	95
76)	*d12-Perylene	31.97	1461	184258	40.00	ug/l	100

* Compound is ISTD

TOTAL ION CHROMATOGRAM

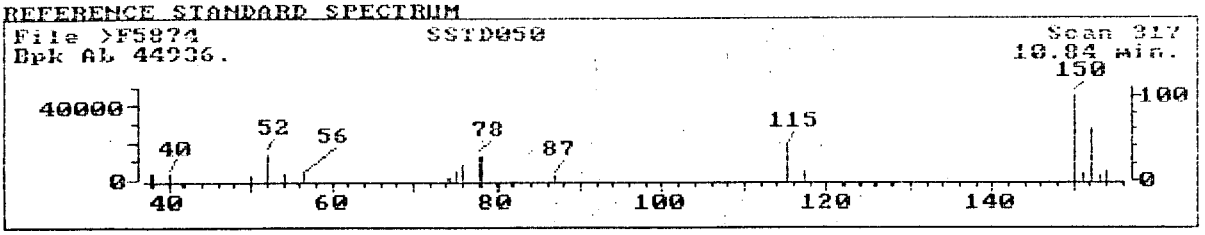


Data File: >F9826::G2 Quant Output File: ^F9826::QT
Name: 9912995 Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-2 BTL#11

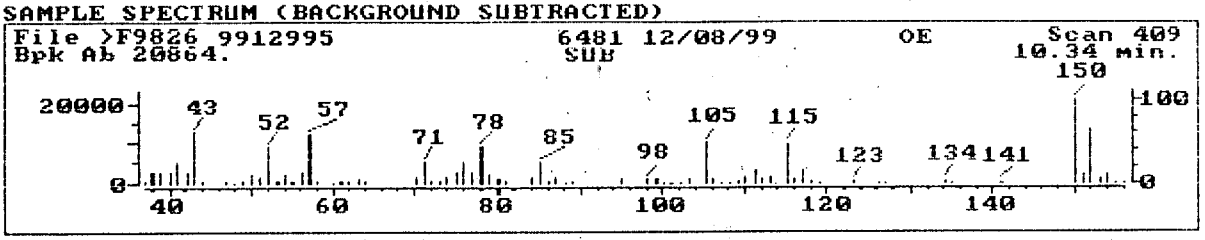
Id File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

Operator ID: DANIEL
Quant Time : 991209 23:13
Injected at: 991209 22:37

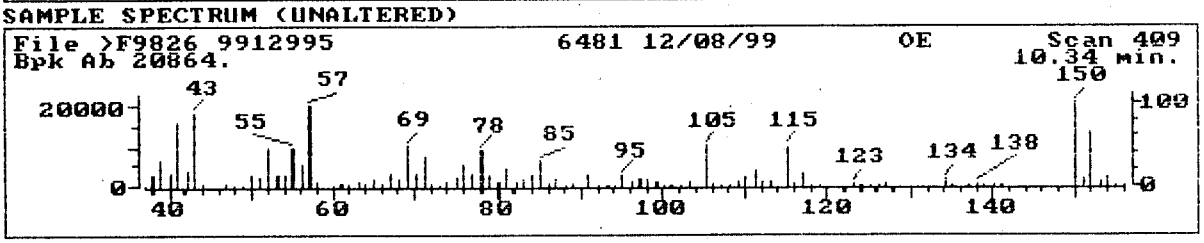
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



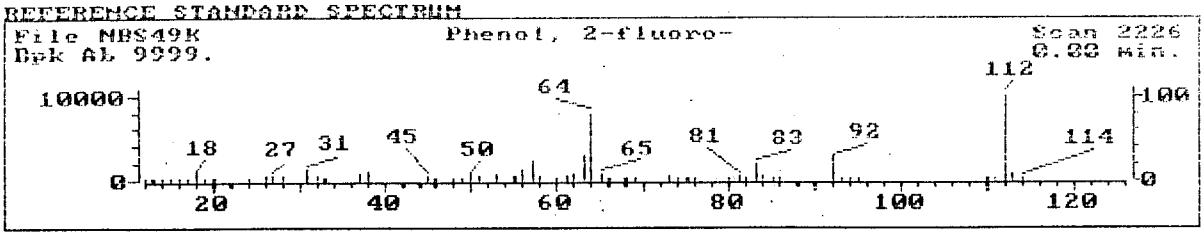
SAMPLE SPECTRUM (UNALTERED)



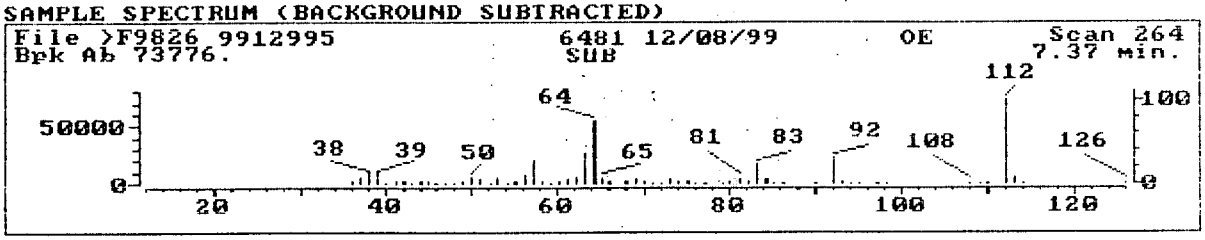
Data File: >F9826::G2 Quant Output File: ^F9826::QT
Name: 9912995 Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-2 BTL#11
Quant Time: 991209 23:13 Quant ID File: IDF01::ME
Injected at: 991209 22:37 Last Calibration: 991209 15:19
Last Qcal Time: <none>

Compound No : 1 (ISTD)
Compound Name : d4-1,4-Dichlorobenzene
Scan Number : 409
Retention Time: 10.34 min.
Quant Ion : 152.0
Area : 35171
Concentration : 40.00 ug/l
q-value : 86

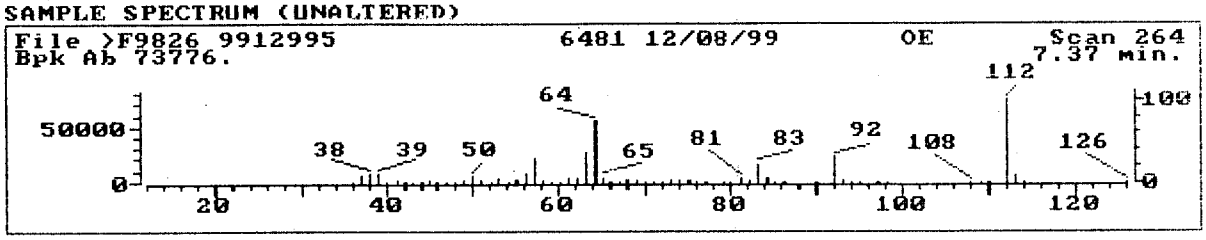
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >F9826::G2
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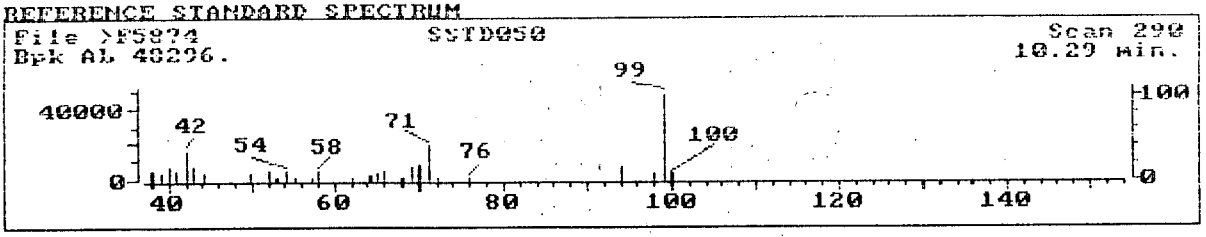
Misc: 6481 12/08/99 OE
Quant Time: 991209 23:13
Injected at: 991209 22:37
Last Qcal Time: <none>

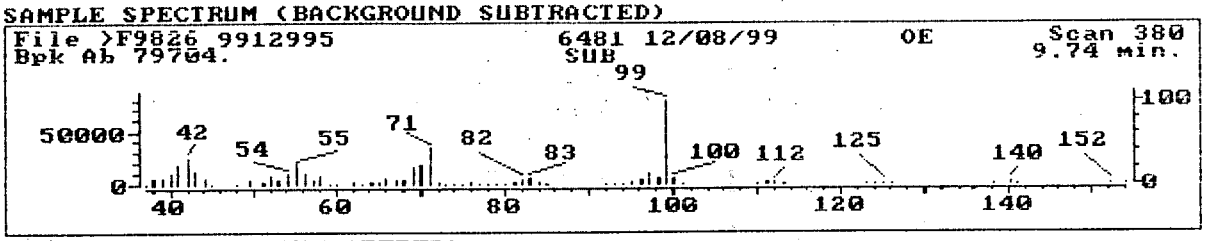
Quant Output File: ^F9826::QT
Instrument ID: AHP5970B
DCOMP-2 BTL#11
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 4
Compound Name : 2-Fluorophenol
Scan Number : 264
Retention Time: 7.37 min.
Quant Ion : 112.0
Area : 181432
Concentration : 147.27 ug/l
q-value : 100

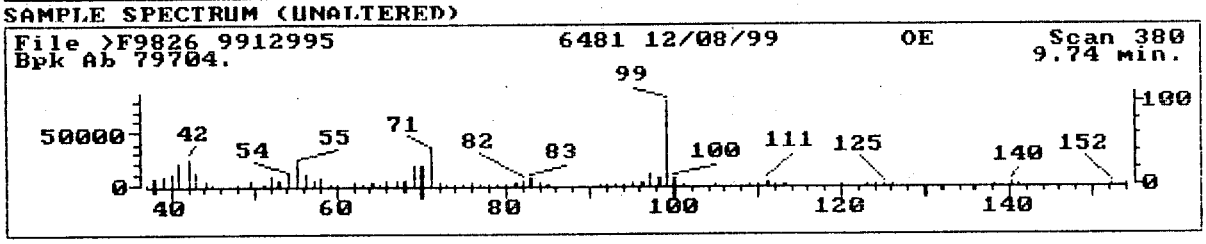
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

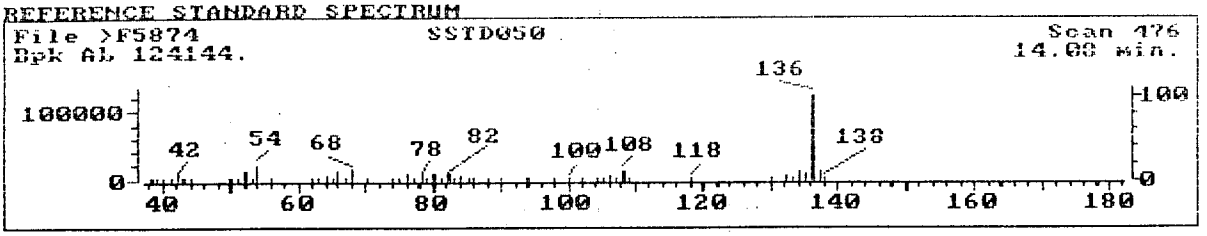


Data File: >F9826::G2
Name: 9912995
Misc: 6481 12/08/99 OE
Quant Time: 991209 23:13
Injected at: 991209 22:37
Last Qcal Time: <none>

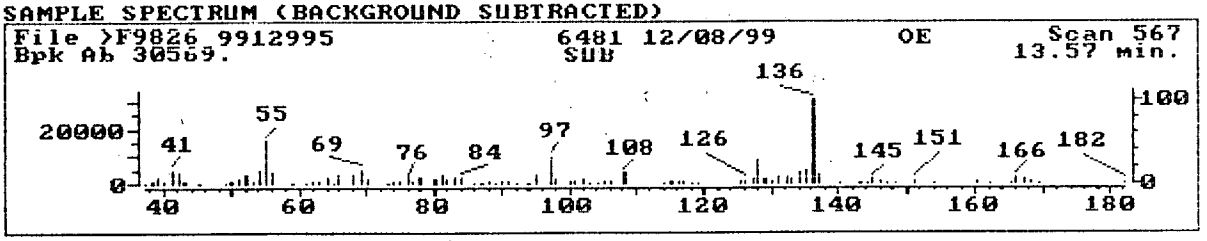
Quant Output File: ^F9826::QT
Instrument ID: AHP5970B
DCOMP-2 BTL#11
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 6
Compound Name : Phenol-d5
Scan Number : 380
Retention Time: 9.74 min.
Quant Ion : 99.0
Area : 273470
Concentration : 148.47 ug/l
q-value : 89

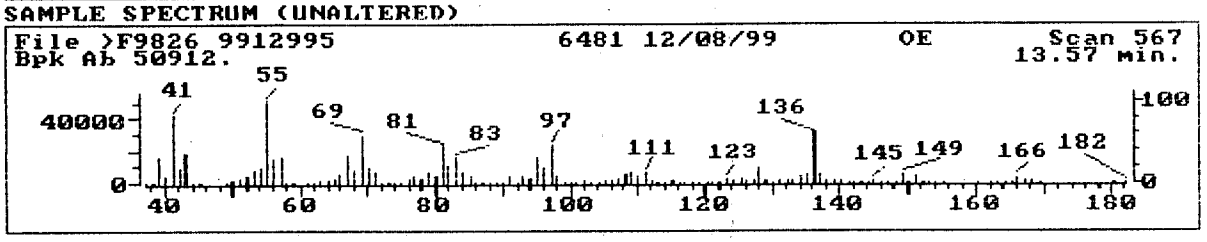
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

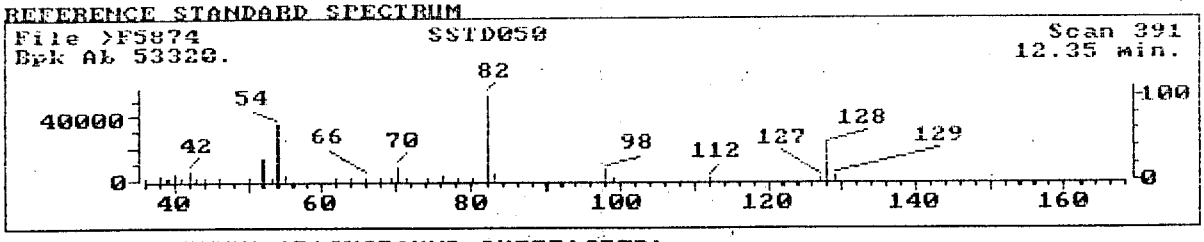


Data File: >F9826::G2
Name: 9912995
Misc: 6481 12/08/99 OE
Quant Time: 991209 23:13
Injected at: 991209 22:37
Last Qcal Time: <none>

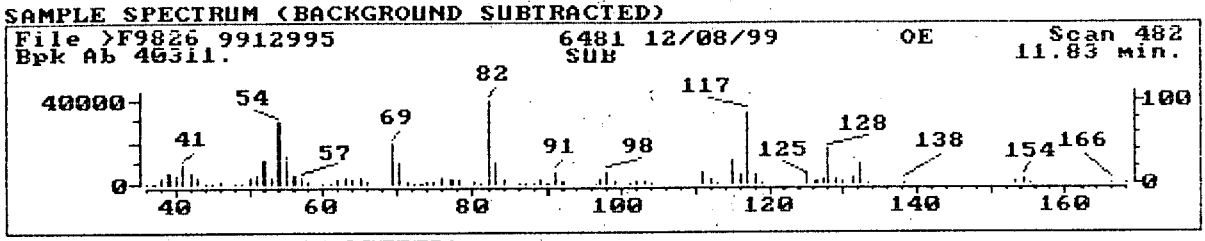
Quant Output File: ^F9826::QT
Instrument ID: AHP5970B
DCOMP-2 BTL#11
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 19 (ISTD)
Compound Name : d8-Naphthalene
Scan Number : 567
Retention Time: 13.57 min.
Quant Ion : 136.0
Area : 98934
Concentration : 40.00 ug/l
q-value : 85

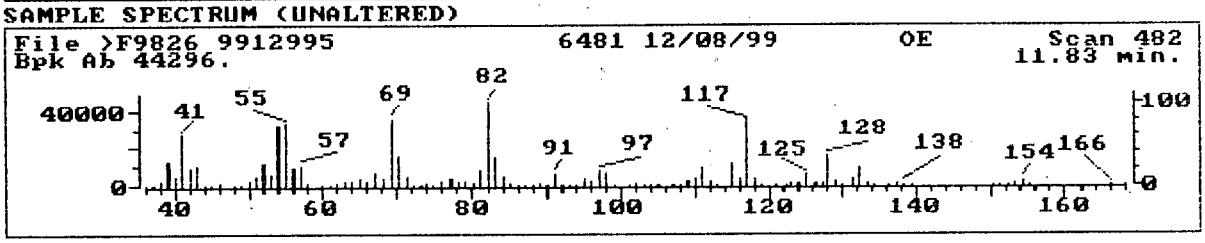
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

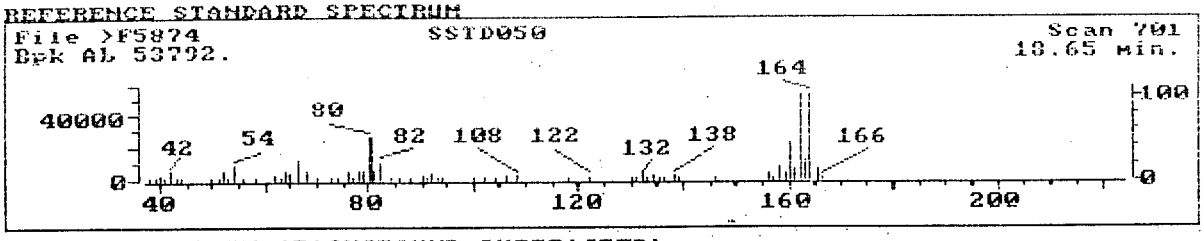


Data File: >F9826::G2
Name: 9912995
Misc: 6481 12/08/99 OE
Quant Time: 991209 23:13
Injected at: 991209 22:37
Last Qcal Time: <none>

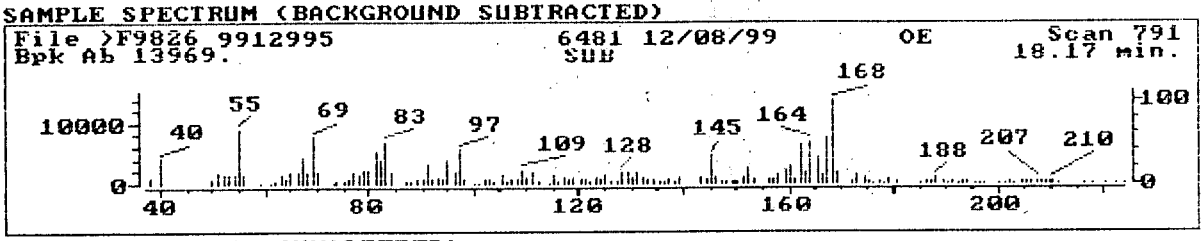
Quant Output File: ^F9826::QT
Instrument ID: AHP5970B
DCOMP-2 BTL#11
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 20
Compound Name : Nitrobenzene-d5
Scan Number : 482
Retention Time: 11.83 min.
Quant Ion : 82.0
Area : 133732
Concentration : 117.32 ug/l
q-value : 85

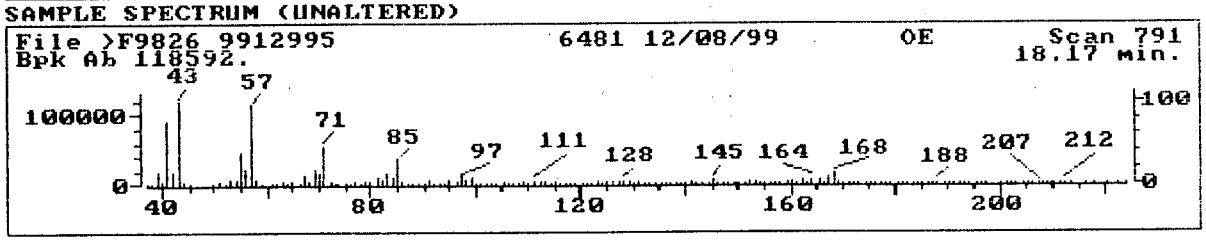
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >F9826::G2
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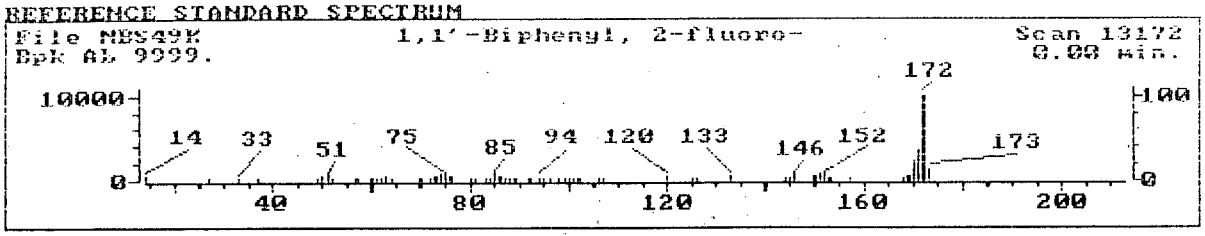
Misc: 6481 12/08/99 OE
Quant Time: 991209 23:13
Injected at: 991209 22:37
Last Qcal Time: <none>

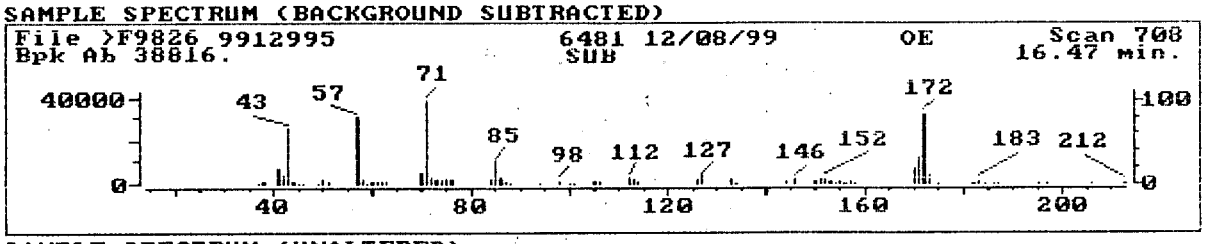
Quant Output File: ^F9826::QT
Instrument ID: AHP5970B
DCOMP-2 BTL#11
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 34 (ISTD)
Compound Name : d10-Acenaphthene
Scan Number : 791
Retention Time: 18.17 min.
Quant Ion : 164.0
Area : 20586
Concentration : 40.00 ug/l
q-value : 91

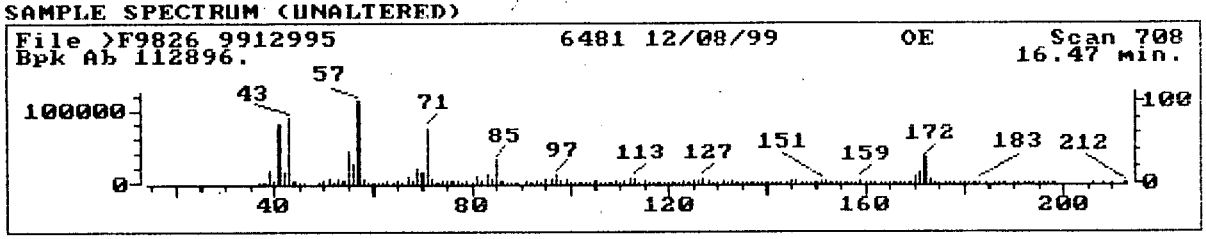
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

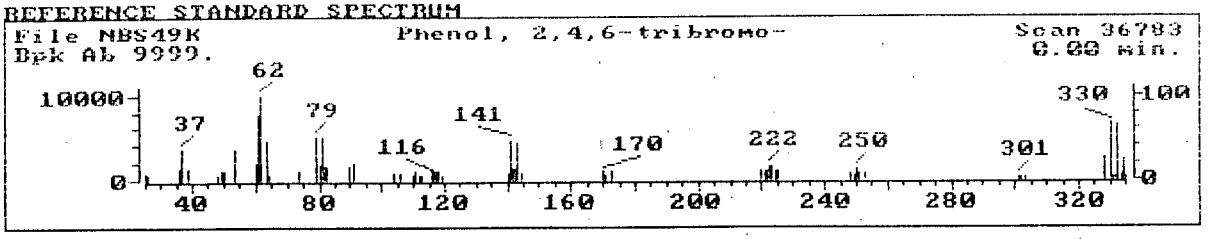


Data File: >F9826::G2
Name: 9912995
Misc: 6481 12/08/99 OE
Quant Time: 991209 23:13
Injected at: 991209 22:37
Last Qcal Time: <none>

Quant Output File: ^F9826::QT
Instrument ID: AHP5970B
DCOMP-2 BTL#11
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 39
Compound Name : 2-Fluorobiphenyl
Scan Number : 708
Retention Time: 16.47 min.
Quant Ion : 172.0
Area : 92642
Concentration : 163.37 ug/l
q-value : 96

REFERENCE STANDARD SPECTRUM



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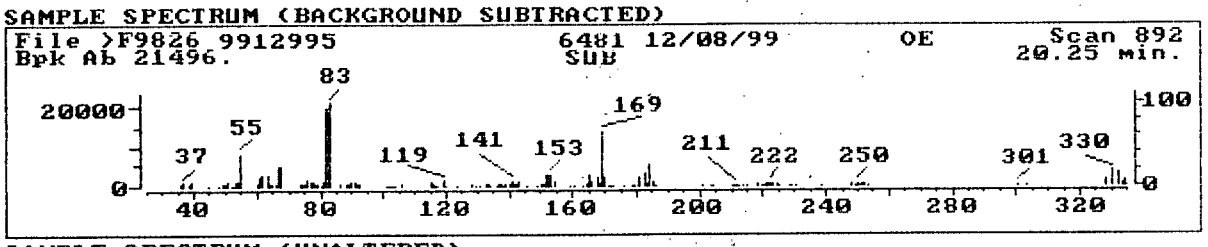

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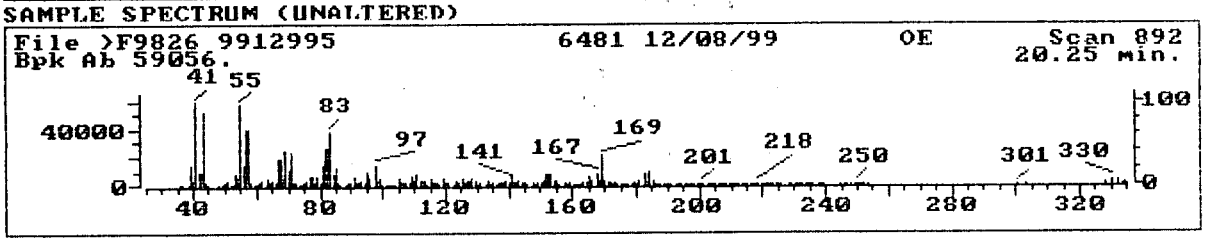
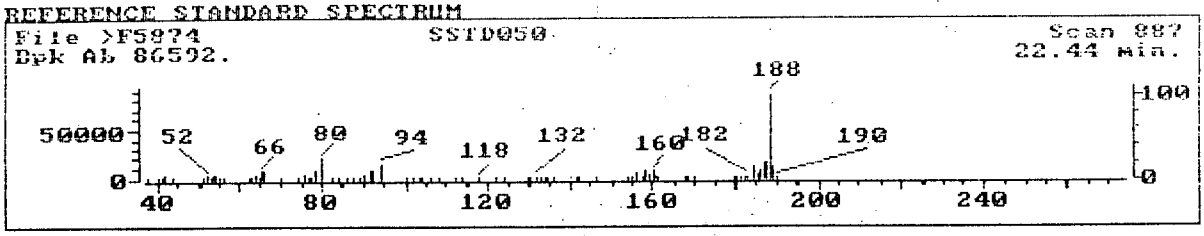


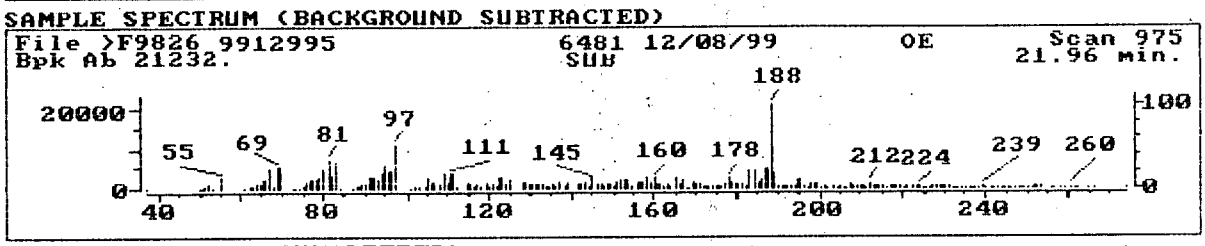
Data File: >F9826::G2
Quant Output File: ^F9826::QT
Name: 9912995
Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE
DCOMP-2 BTL#11
Quant Time: 991209 23:13
Quant ID File: IDF01::ME
Injected at: 991209 22:37
Last Calibration: 991209 15:19
Last Qcal Time: <none>

Compound No : 54
Compound Name : 2,4,6-Tribromophenol
Scan Number : 892
Retention Time: 20.25 min.
Quant Ion : 329.8
Area : 9364
Concentration : 94.63 ug/l
q-value : 99

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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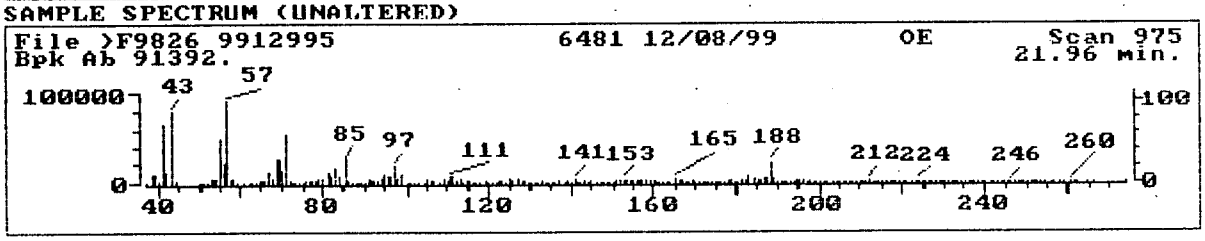

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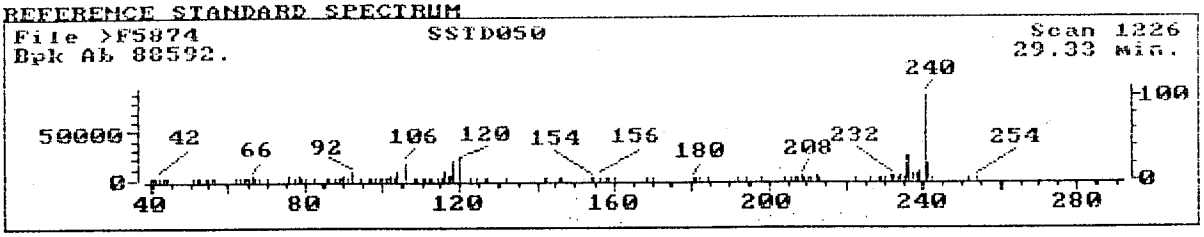
Misc: 6481 12/08/99 OE
Quant Time: 991209 23:13
Injected at: 991209 22:37
Last Qcal Time: <none>

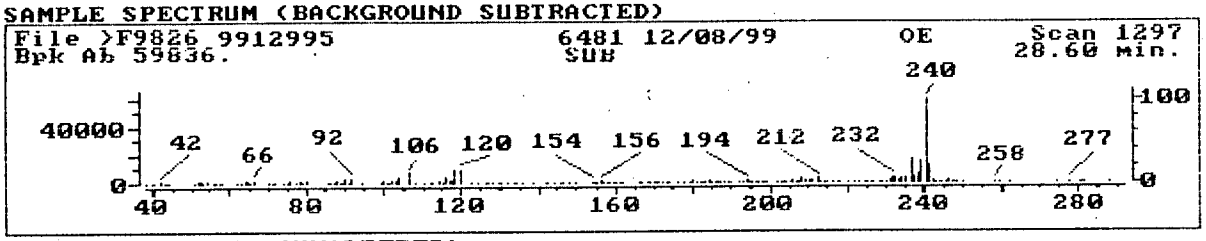
Quant Output File: ^F9826::QT
Instrument ID: AHP5970B
DCOMP-2 BTL#11
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 55 (ISTD)
Compound Name : d10-Phenanthrene
Scan Number : 975
Retention Time: 21.96 min.
Quant Ion : 188.0
Area : 68109
Concentration : 40.00 ug/l
q-value : 100

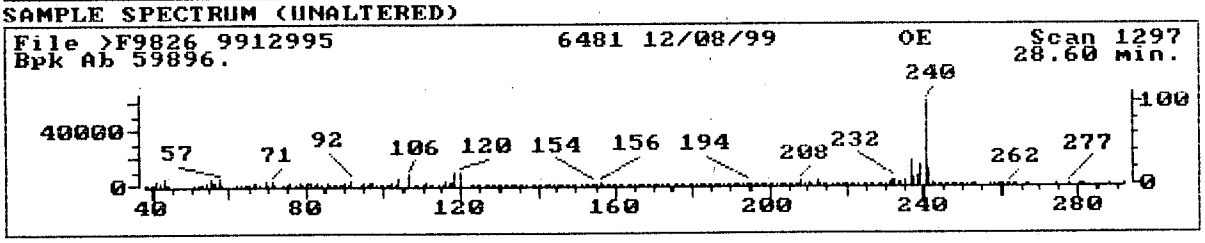
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

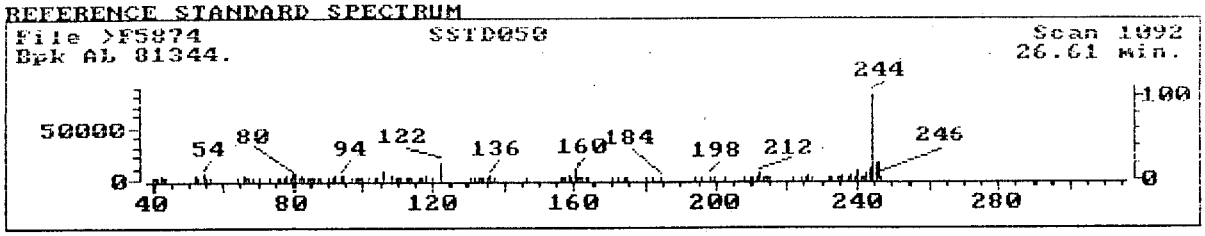


Data File: >F9826::G2
Name: 9912995
Misc: 6481 12/08/99 OE
Quant Time: 991209 23:13
Injected at: 991209 22:37
Last Qcal Time: <none>

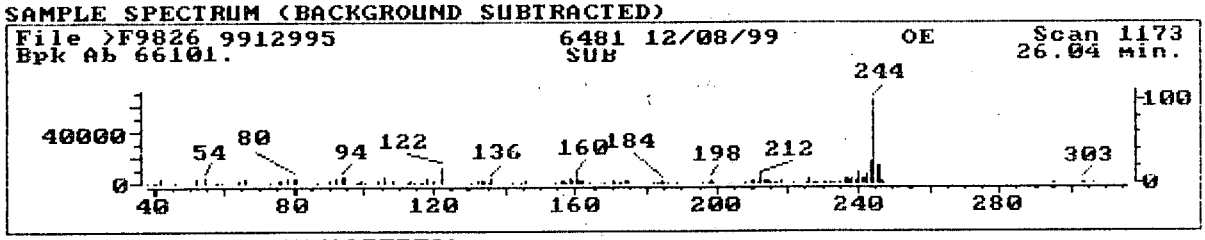
Quant Output File: ^F9826::QT
Instrument ID: AHP5970B
DCOMP-2 BTL#11
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 67 (ISTD)
Compound Name : d12-Chrysene
Scan Number : 1297
Retention Time: 28.60 min.
Quant Ion : 240.0
Area : 184605
Concentration : 40.00 ug/l
q-value : 100

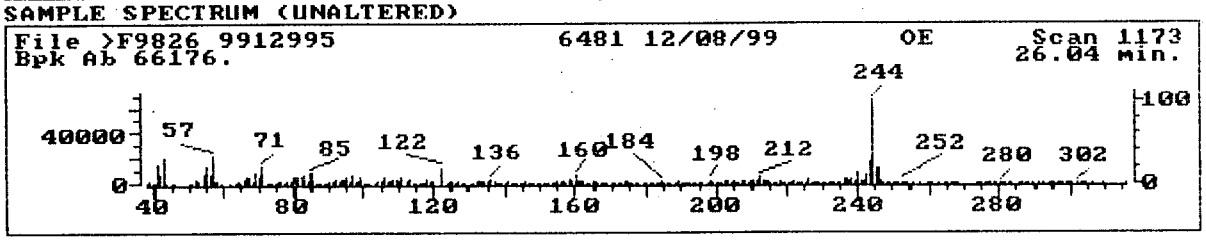
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

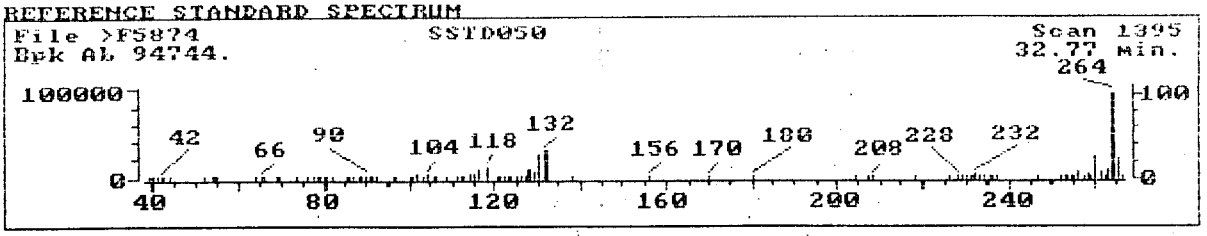


Data File: >F9826::G2 Quant Output File: ^F9826::QT
Name: 9912995 Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-2 BTL#11
Quant Time: 991209 23:13 Quant ID File: IDF01::ME
Injected at: 991209 22:37 Last Calibration: 991209 15:19
Last Qcal Time: <none>

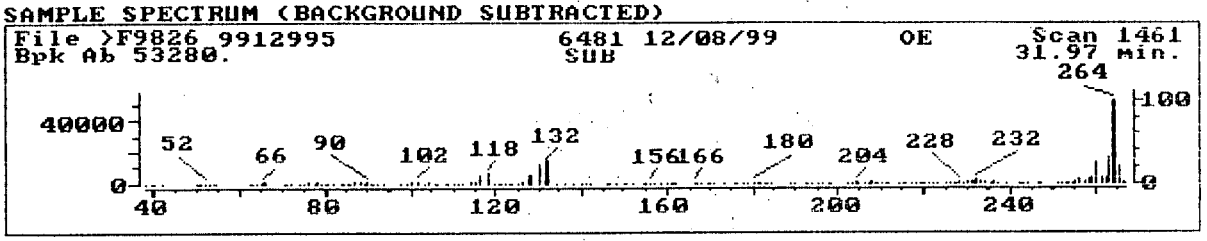
Compound No : 70
Compound Name : Terphenyl-d14
Scan Number : 1173
Retention Time: 26.04 min.
Quant Ion : 244.0
Area : 235217
Concentration : 60.14 ug/l
q-value : 95

303

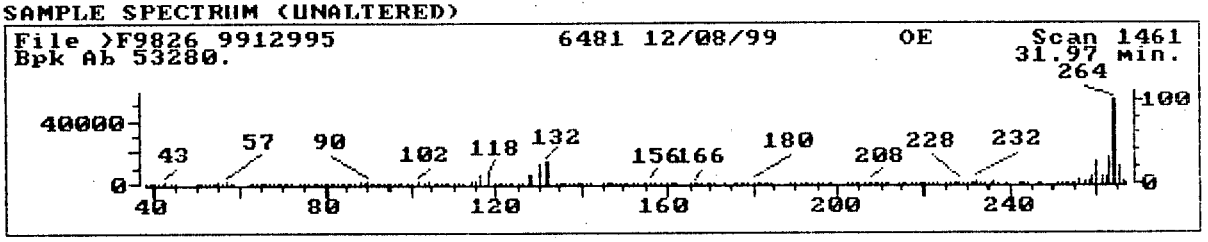
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



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Name: 9912995
Misc: 6481 12/08/99 OE
Quant Time: 991209 23:13
Injected at: 991209 22:37
Last Qcal Time: <none>

Quant Output File: ^F9826::QT
Instrument ID: AHP5970B
DCOMP-2 BTL#11
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 76 (ISTD)
Compound Name : d12-Perylene
Scan Number : 1461
Retention Time: 31.97 min.
Quant Ion : 264.0
Area : 184258
Concentration : 40.00 ug/l
q-value : 100

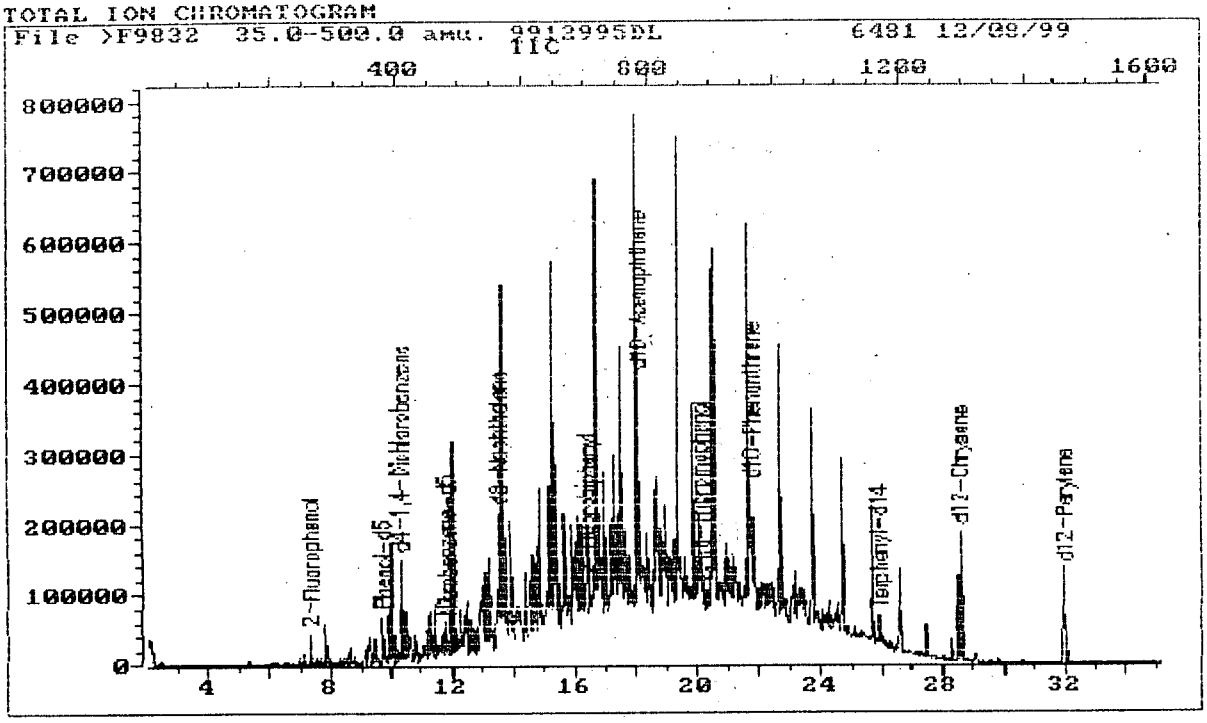
Operator ID: DANIEL Quant Rev: 7 Quant Time: 991210 14:01
Output File: ^F9832::QT Injected at: 991210 13:25
Data File: >F9832::F1 Dilution Factor: 1.00000
Name: 9912995DL Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-2 BTL# 1

ID File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	10.28	406	34602	40.00	ug/l	93
4)	2-Fluorophenol	7.32	261	19849	16.38	ug/l	100
6)	Phenol-d5	9.69	377	28131	15.52	ug/l	88
19)	*d8-Naphthalene	13.49	563	145629	40.00	ug/l	95
20)	Nitrobenzene-d5	11.77	479	13101	7.81	ug/l	89
34)	*d10-Acenaphthene	18.02	784	74982	40.00	ug/l	97
39)	2-Fluorobiphenyl	16.33	702	26139	12.66	ug/l	95
54)	2,4,6-Tribromophenol	20.05	883	498M	1.38	ug/l	
55)	*d10-Phenanthrene	21.76	966	157748	40.00	ug/l	100
67)	*d12-Chrysene	28.55	1297	154138	40.00	ug/l	100
70)	Terphenyl-d14	25.89	1167	31606	9.68	ug/l	90
76)	*d12-Perylene	31.93	1463	139753	40.00	ug/l	100

* Compound is ISTD

TOTAL ION CHROMATOGRAM

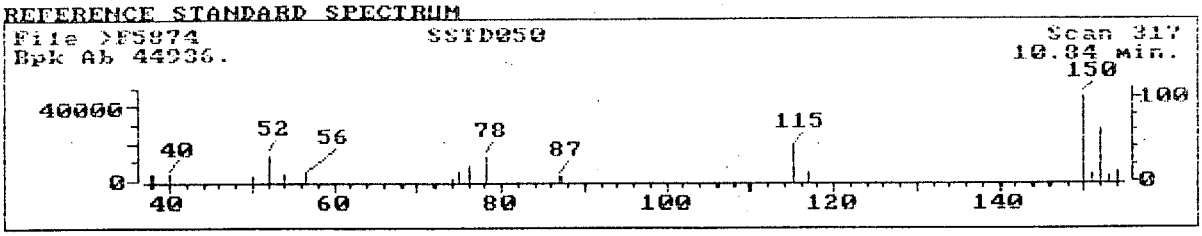


Data File: >F9832::F1 Quant Output File: ^F9832::QT
Name: 9912995DL Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-2 BTL# 1

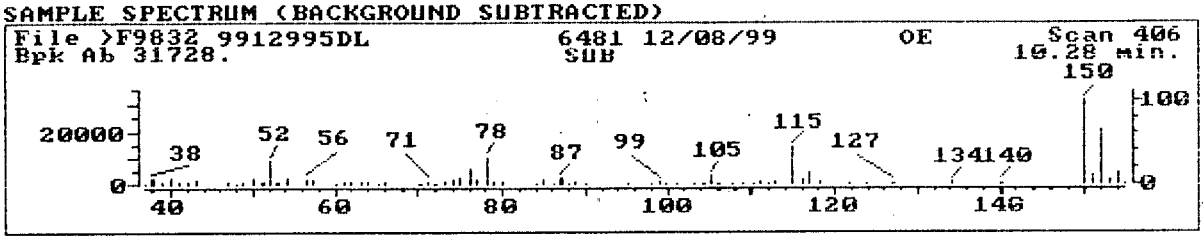
Id File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

Operator ID: DANIEL
Quant Time : 991210 14:01
Injected at: 991210 13:25

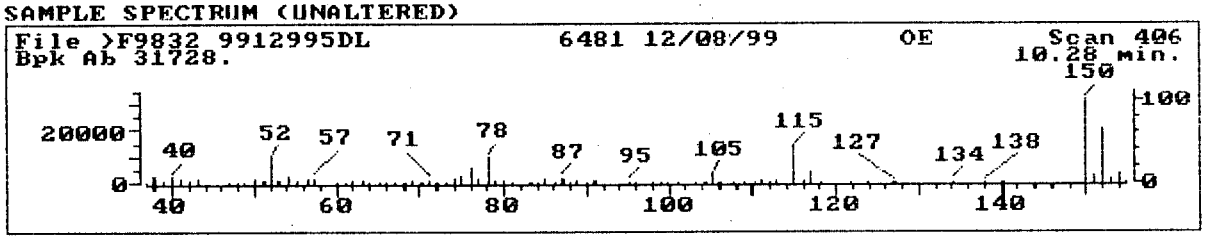
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



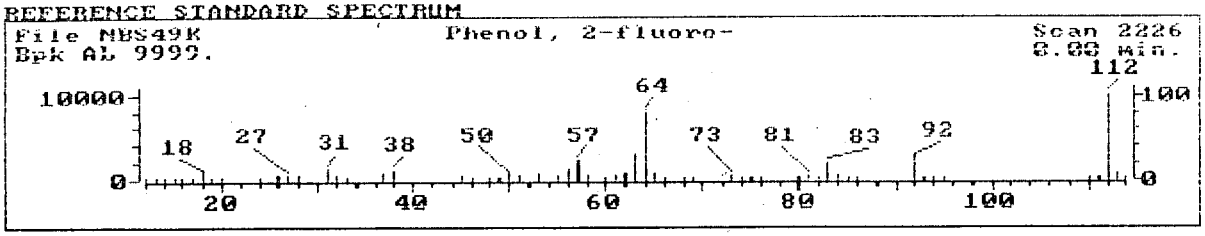
SAMPLE SPECTRUM (UNALTERED)



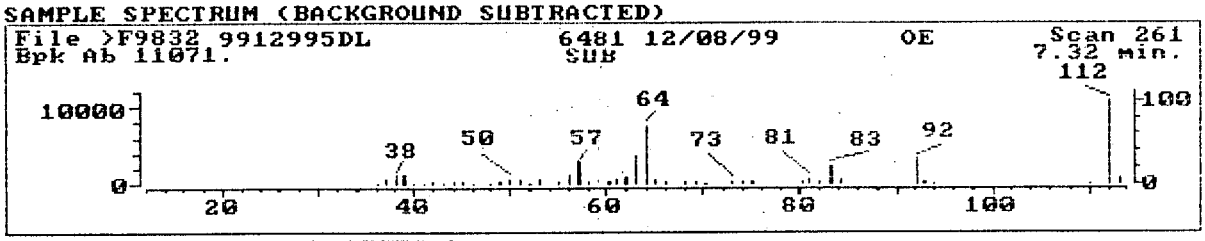
Data File: >F9832::F1 Quant Output File: ^F9832::QT
Name: 9912995DL Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-2 BTL# 1
Quant Time: 991210 14:01 Quant ID File: IDF01::ME
Injected at: 991210 13:25 Last Calibration: 991209 15:19
Last Qcal Time: <none>

Compound No : 1 (ISTD)
Compound Name : d4-1,4-Dichlorobenzene
Scan Number : 406
Retention Time: 10.28 min.
Quant Ion : 152.0
Area : 34602
Concentration : 40.00 ug/l
q-value : 93

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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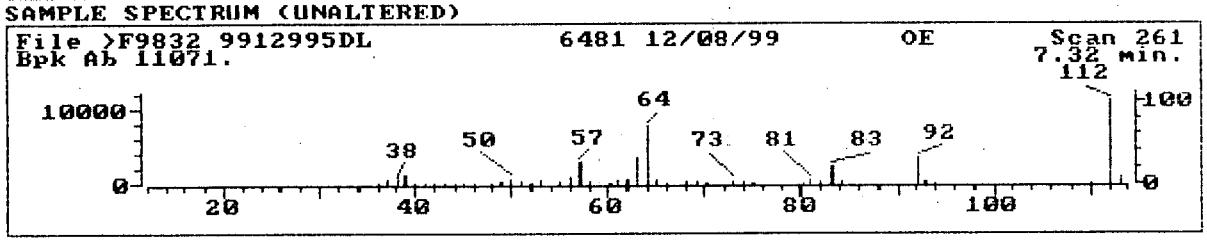

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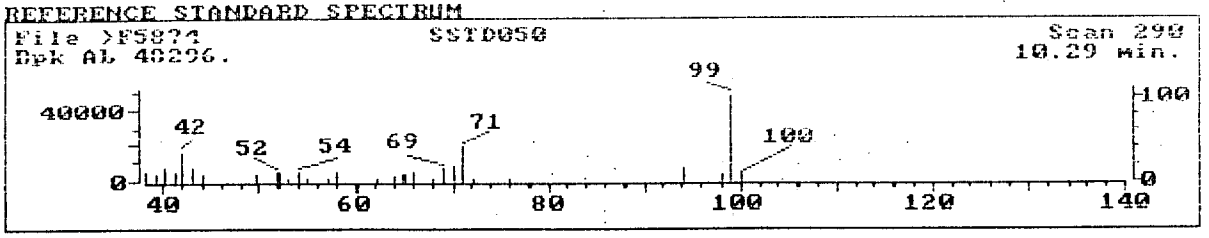
Name: 9912995DL
Misc: 6481 12/08/99 OE
Quant Time: 991210 14:01
Injected at: 991210 13:25
Last Qcal Time: <none>

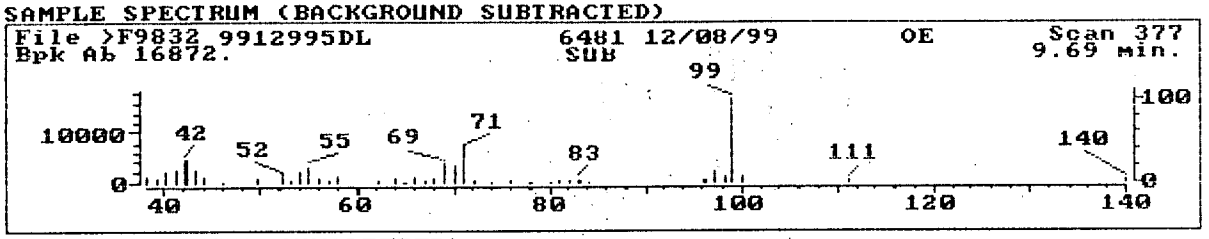
Quant Output File: ^F9832::QT
Instrument ID: AHP5970B
DCOMP-2 BTL# 1
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 4
Compound Name : 2-Fluorophenol
Scan Number : 261
Retention Time: 7.32 min.
Quant Ion : 112.0
Area : 19849
Concentration : 16.38 ug/l
q-value : 100

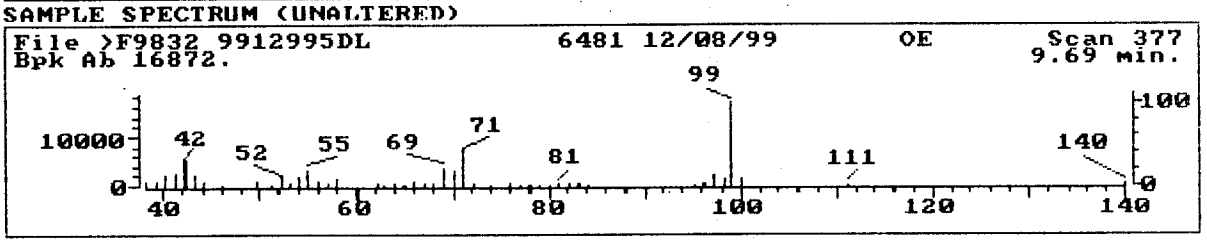
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >F9832::F1
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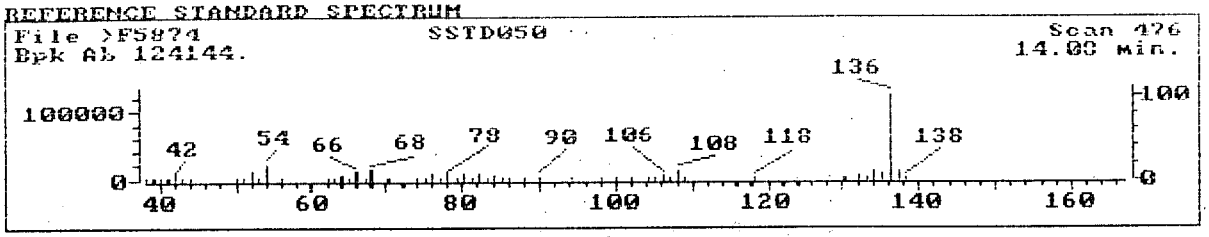
Misc: 6481 12/08/99 OE
Quant Time: 991210 14:01
Injected at: 991210 13:25
Last Qcal Time: <none>

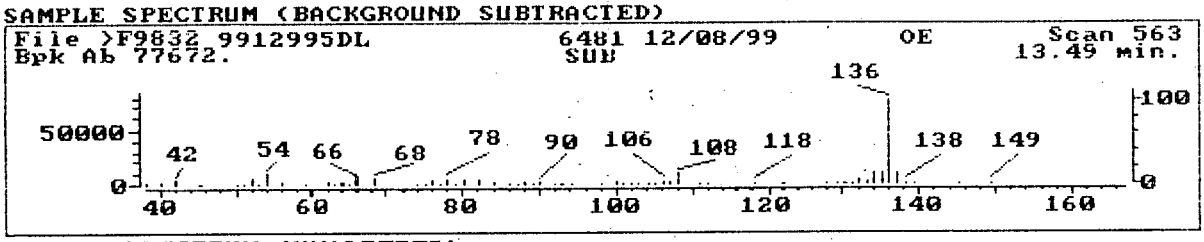
Quant Output File: ^F9832::QT
Instrument ID: AHP5970B
DCOMP-2 BTL# 1
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 6
Compound Name : Phenol-d5
Scan Number : 377
Retention Time: 9.69 min.
Quant Ion : 99.0
Area : 28131
Concentration : 15.52 ug/l
q-value : 88

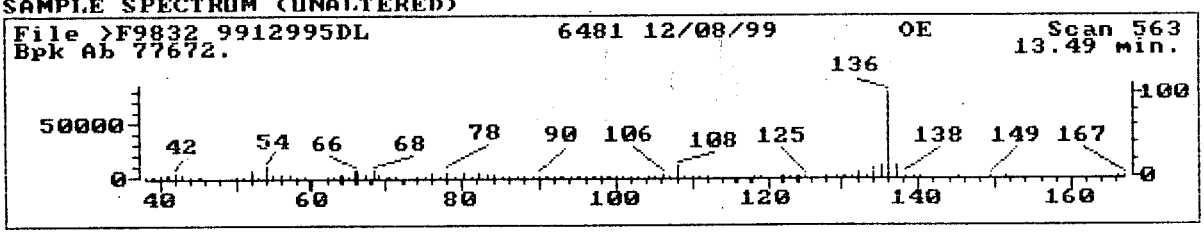
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



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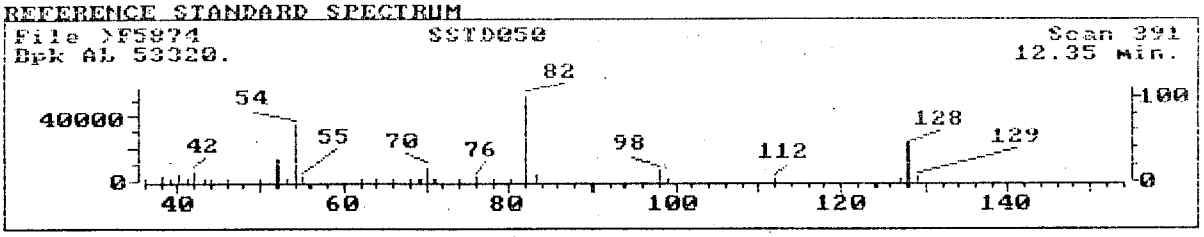
Misc: 6481 12/08/99 OE
Quant Time: 991210 14:01
Injected at: 991210 13:25
Last Qcal Time: <none>

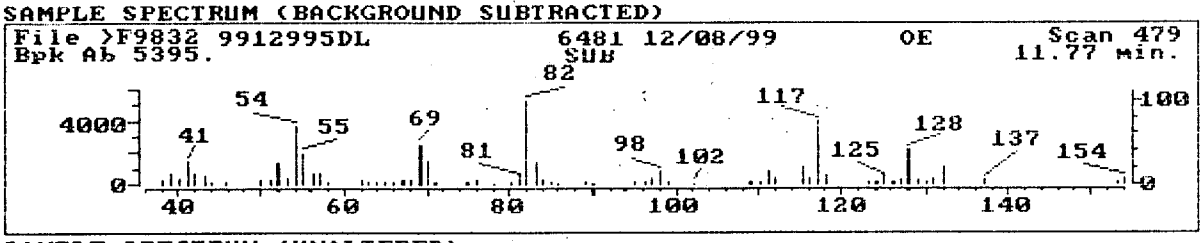
Quant Output File: ^F9832::QT
Instrument ID: AHP5970B
DCOMP-2 BTL# 1
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 19 (ISTD)
Compound Name : d8-Naphthalene
Scan Number : 563
Retention Time: 13.49 min.
Quant Ion : 136.0
Area : 145629
Concentration : 40.00 ug/l
q-value : 95

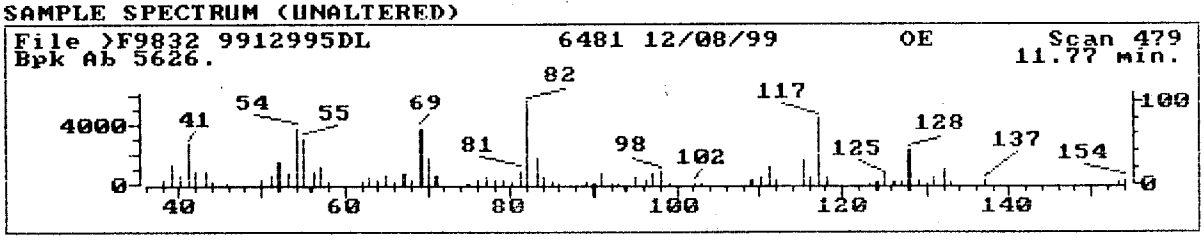
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



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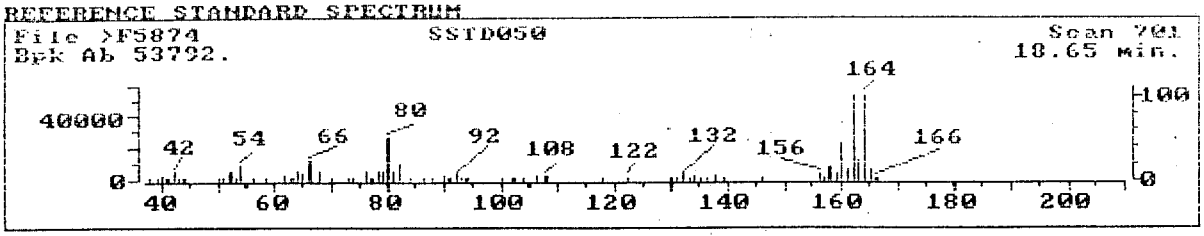
Misc: 6481 12/08/99 OE
Quant Time: 991210 14:01
Injected at: 991210 13:25
Last Qcal Time: <none>

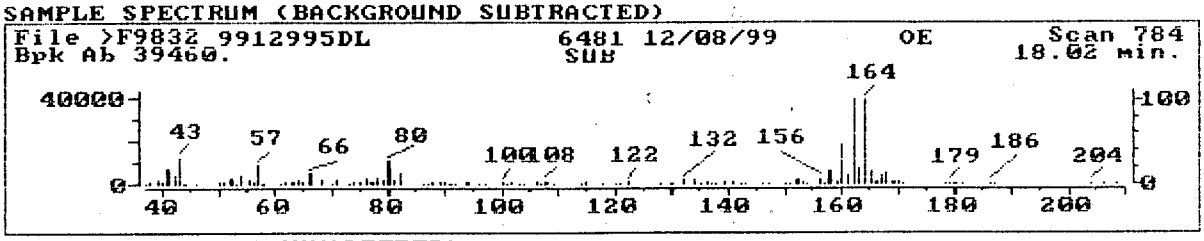
Quant Output File: ^F9832::QT
Instrument ID: AHP5970B
DCOMP-2 BTL# 1
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 20
Compound Name : Nitrobenzene-d5
Scan Number : 479
Retention Time: 11.77 min.
Quant Ion : 82.0
Area : 13101
Concentration : 7.81 ug/l
q-value : 89

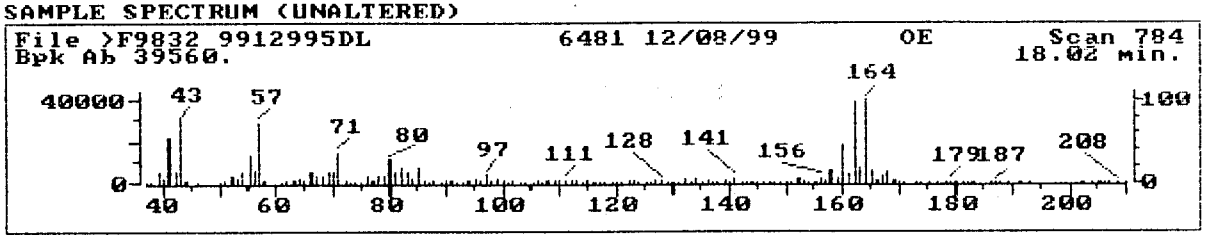
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



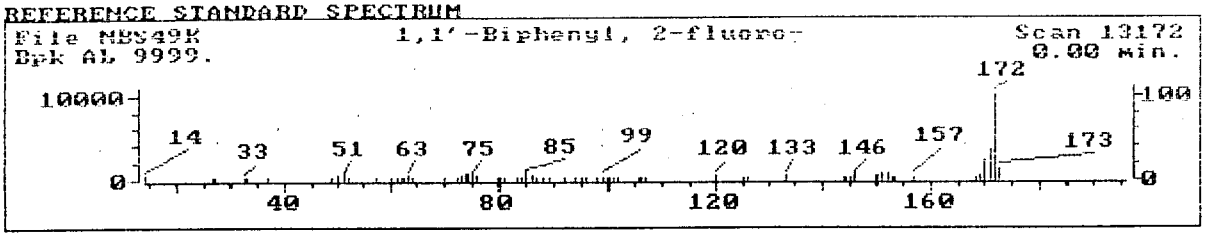
SAMPLE SPECTRUM (UNALTERED)



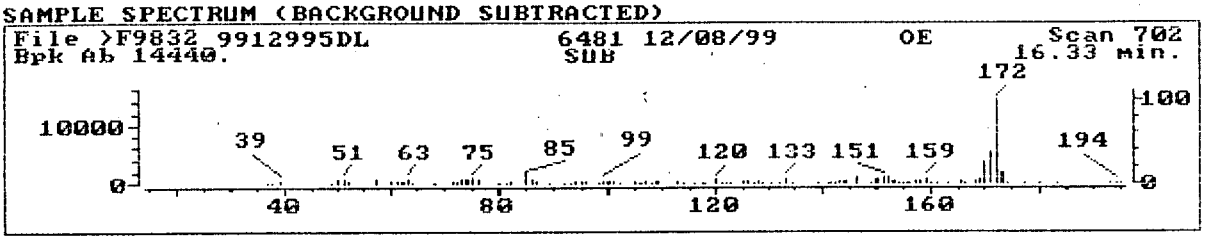
Data File: >F9832::F1 Quant Output File: ^F9832::QT
Name: 9912995DL Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-2 BTL# 1
Quant Time: 991210 14:01 Quant ID File: IDF01::ME
Injected at: 991210 13:25 Last Calibration: 991209 15:19
Last Qcal Time: <none>

Compound No : 34 (ISTD)
Compound Name : d10-Acenaphthene
Scan Number : 784
Retention Time: 18.02 min.
Quant Ion : 164.0
Area : 74982
Concentration : 40.00 ug/l
q-value : 97

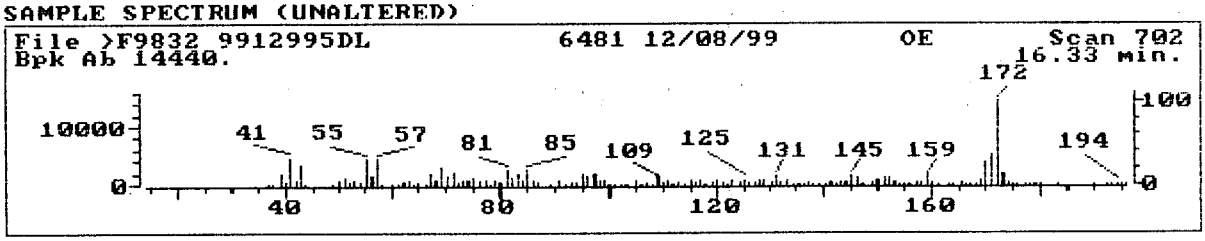
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

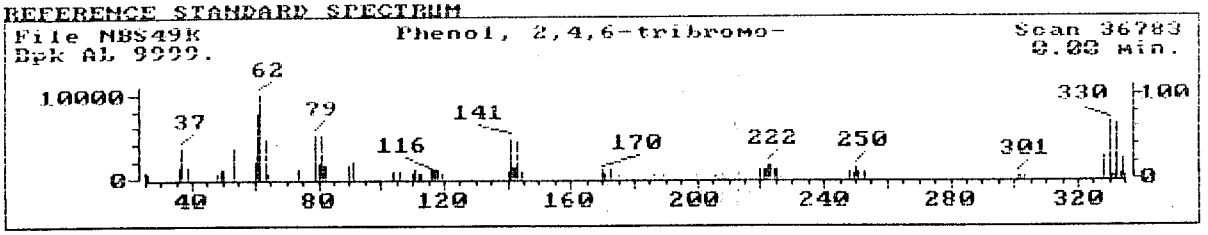


Data File: >F9832::F1
Name: 9912995DL
Misc: 6481 12/08/99 OE
Quant Time: 991210 14:01
Injected at: 991210 13:25
Last Qcal Time: <none>

Quant Output File: ^F9832::QT
Instrument ID: AHP5970B
DCOMP-2 BTL# 1
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 39
Compound Name : 2-Fluorobiphenyl
Scan Number : 702
Retention Time: 16.33 min.
Quant Ion : 172.0
Area : 26139
Concentration : 12.66 ug/l
q-value : 95

REFERENCE STANDARD SPECTRUM



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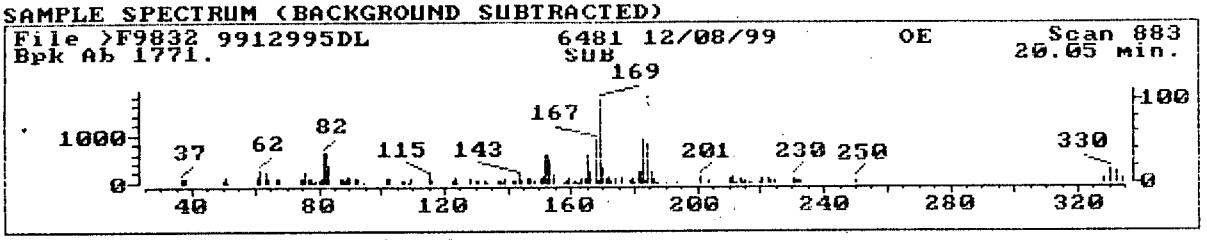

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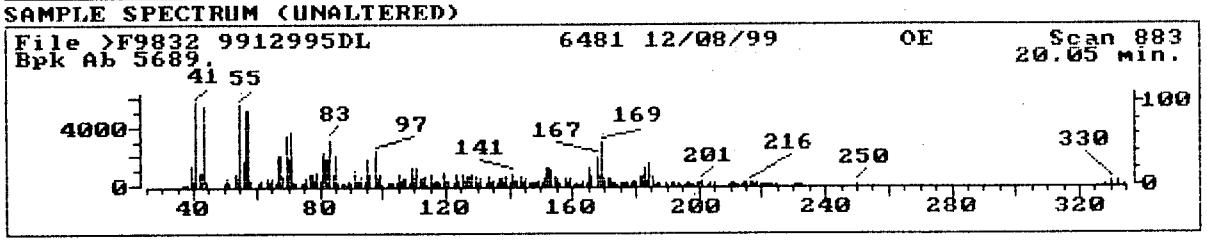

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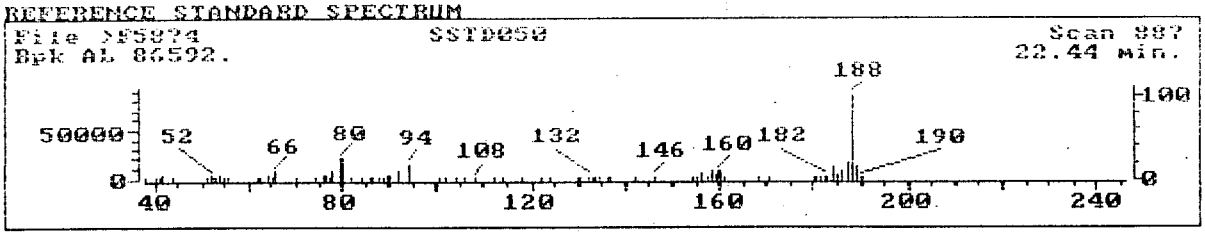
Name: 9912995DL
Misc: 6481 12/08/99 OE
Quant Time: 991210 14:01
Injected at: 991210 13:25
Last Qcal Time: <none>

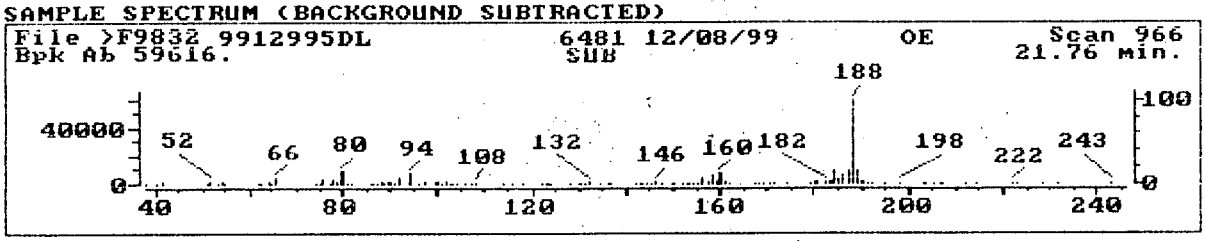
Quant Output File: ^F9832::QT
Instrument ID: AHP5970B
DCOMP-2 BTL# 1
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 54
Compound Name : 2,4,6-Tribromophenol
Scan Number : 883
Retention Time: 20.05 min.
Quant Ion : 329.8
Area : 498M
Concentration : 1.38 ug/l

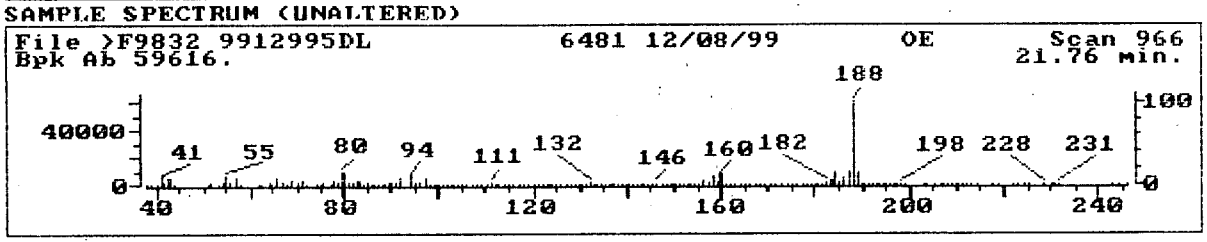
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



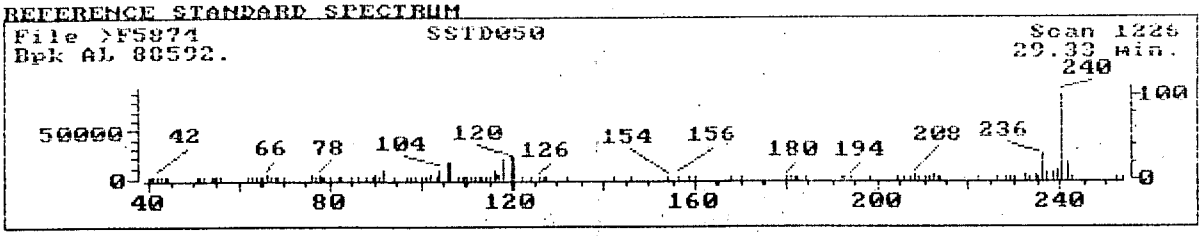
SAMPLE SPECTRUM (UNALTERED)



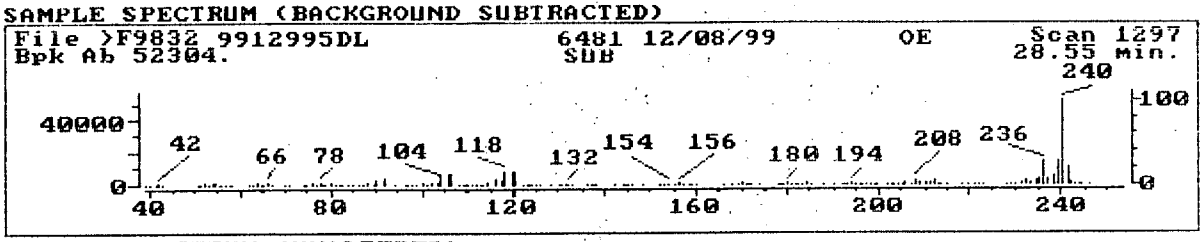
Data File: >F9832::F1 Quant Output File: ^F9832::QT
Name: 9912995DL Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE DCOMP-2 BTL# 1
Quant Time: 991210 14:01 Quant ID File: IDF01::ME
Injected at: 991210 13:25 Last Calibration: 991209 15:19
Last Qcal Time: <none>

Compound No : 55 (ISTD)
Compound Name : d10-Phenanthrene
Scan Number : 966
Retention Time: 21.76 min.
Quant Ion : 188.0
Area : 157748
Concentration : 40.00 ug/l
q-value : 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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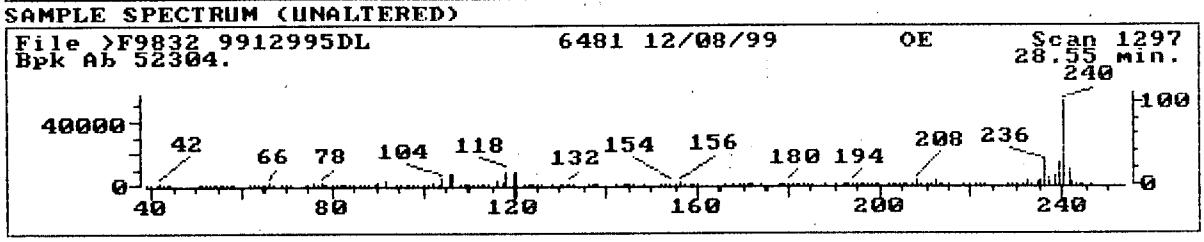
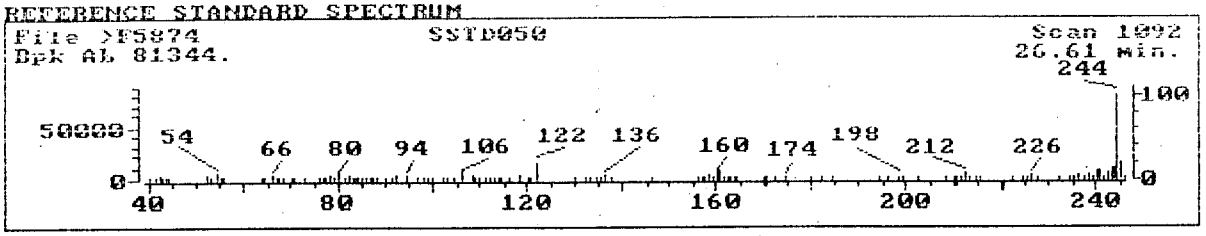


Data File: >F9832::F1
Name: 9912995DL
Misc: 6481 12/08/99 OE
Quant Time: 991210 14:01
Injected at: 991210 13:25
Last Qcal Time: <none>

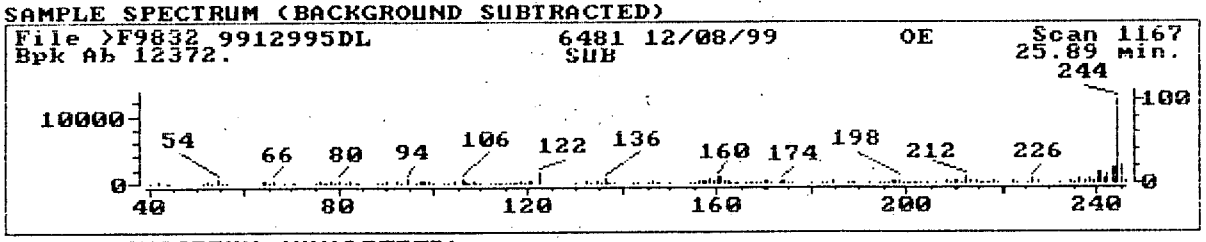
Quant Output File: ^F9832::QT
Instrument ID: AHP5970B
DCOMP-2 BTL# 1
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 67 (ISTD)
Compound Name : d12-Chrysene
Scan Number : 1297
Retention Time: 28.55 min.
Quant Ion : 240.0
Area : 154138
Concentration : 40.00 ug/l
q-value : 100

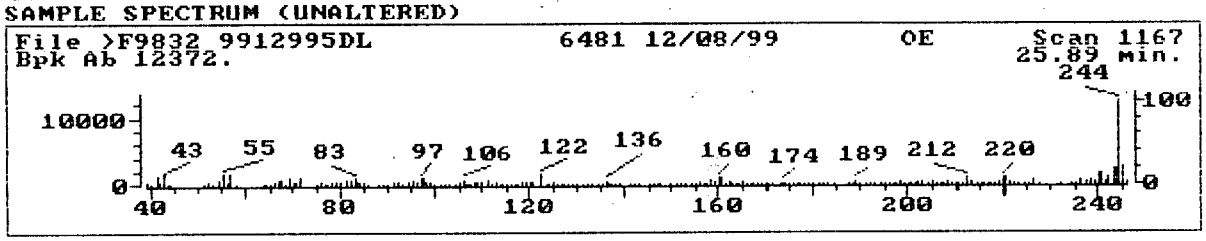
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

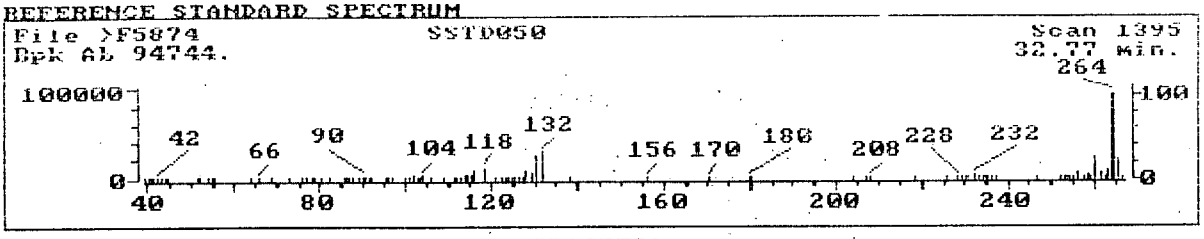


Data File: >F9832::F1
Name: 9912995DL
Misc: 6481 12/08/99 OE
Quant Time: 991210 14:01
Injected at: 991210 13:25
Last Qcal Time: <none>

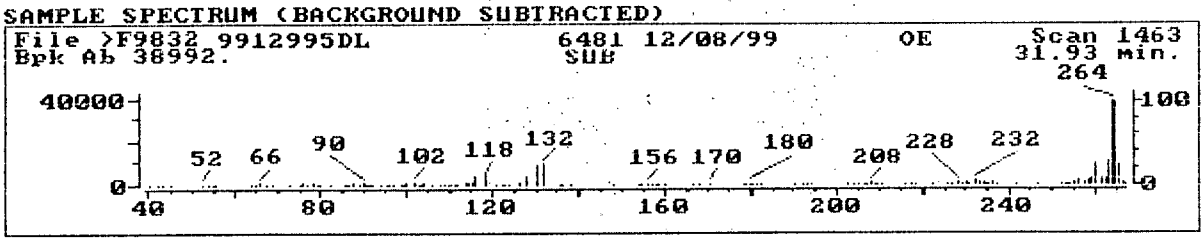
Quant Output File: ^F9832::QT
Instrument ID: AHP5970B
DCOMP-2 BTL# 1
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 70
Compound Name : Terphenyl-d14
Scan Number : 1167
Retention Time: 25.89 min.
Quant Ion : 244.0
Area : 31606
Concentration : 9.68 ug/l
q-value : 90

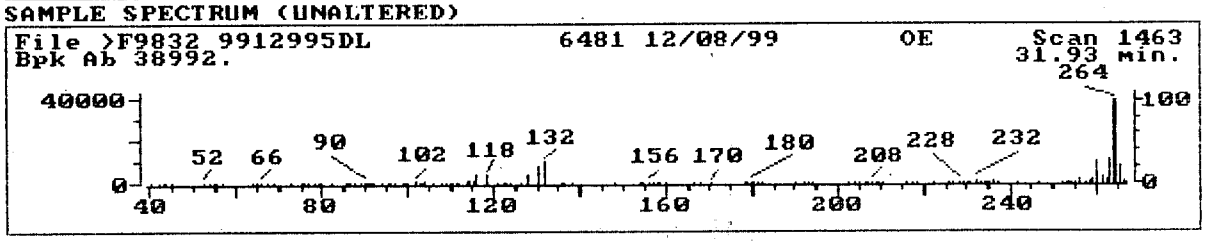
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >F9832::F1
Name: 9912995DL
Misc: 6481 12/08/99 OE
Quant Time: 991210 14:01
Injected at: 991210 13:25
Last Qcal Time: <none>

Quant Output File: ^F9832::QT
Instrument ID: AHP5970B
DCOMP-2 BTL# 1
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 76 (ISTD)
Compound Name : d12-Perylene
Scan Number : 1463
Retention Time: 31.93 min.
Quant Ion : 264.0
Area : 139753
Concentration : 40.00 ug/l
q-value : 100

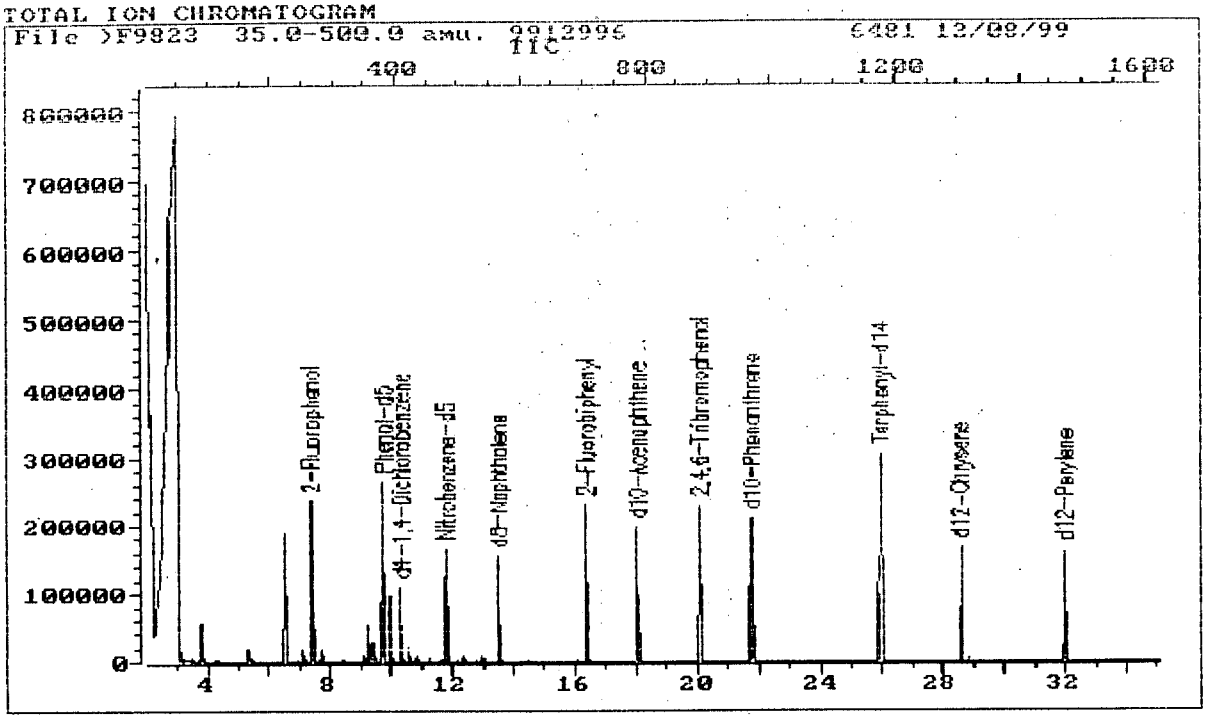
Operator ID: DANIEL Quant Rev: 7 Quant Time: 991209 20:58
Output File: ^F9823::QT Injected at: 991209 20:22
Data File: >F9823::G2 Dilution Factor: 1.00000
Name: 9912996 Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE SP-1 BTL# 8

ID File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	10.31	408	36310	40.00	ug/l	87
4)	2-Fluorophenol	7.37	264	141177	111.00	ug/l	100
6)	Phenol-d5	9.74	380	220090	115.74	ug/l	90
19)	*d8-Naphthalene	13.49	564	147666	40.00	ug/l	97
20)	Nitrobenzene-d5	11.79	481	118576	69.69	ug/l	90
34)	*d10-Acenaphthene	18.01	786	92416	40.00	ug/l	97
39)	2-Fluorobiphenyl	16.34	704	183202	71.96	ug/l	95
54)	2,4,6-Tribromophenol	20.07	887	68546	154.31	ug/l	99
55)	*d10-Phenanthrene	21.76	970	173944	40.00	ug/l	100
67)	*d12-Chrysene	28.55	1303	171276	40.00	ug/l	100
70)	Terphenyl-d14	25.94	1175	286047	78.82	ug/l	92
76)	*d12-Perylene	31.95	1470	167692	40.00	ug/l	100

* Compound is ISTD

TOTAL ION CHROMATOGRAM

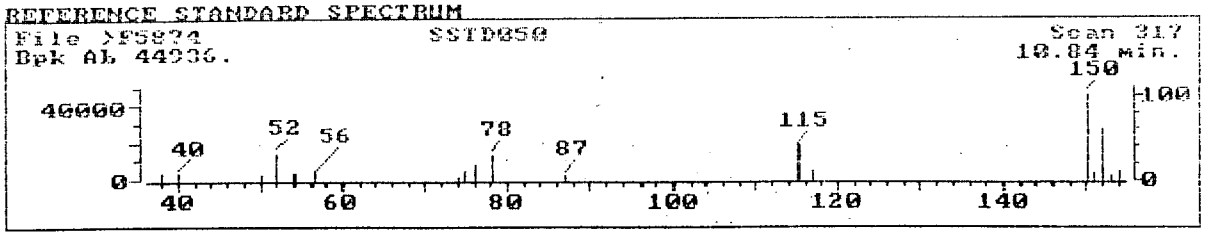


Data File: >F9823::G2 Quant Output File: ^F9823::QT
Name: 9912996 Instrument ID: AHP5970B
Misc: 6481 12/08/99 0E SP-1 BTL# 8

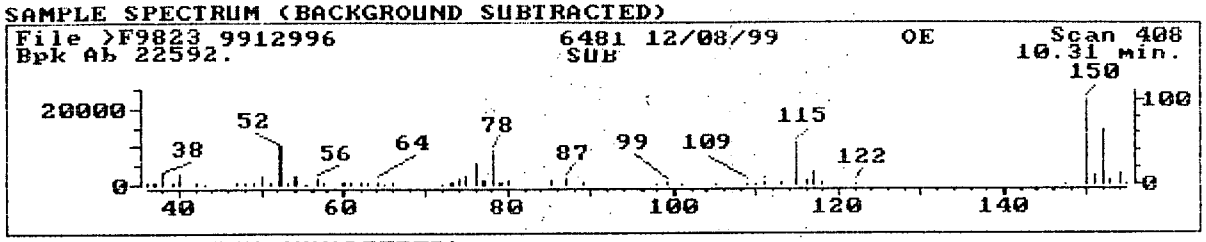
Id File: IDF01::ME
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 991209 15:19 Last Qcal Time: <none>

Operator ID: DANIEL
Quant Time : 991209 20:58
Injected at: 991209 20:22

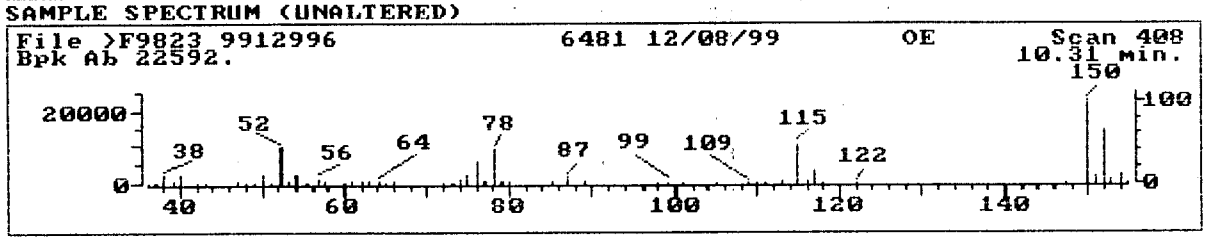
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



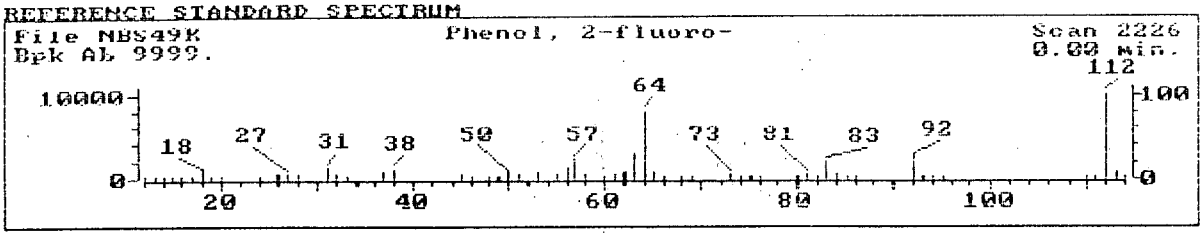
SAMPLE SPECTRUM (UNALTERED)



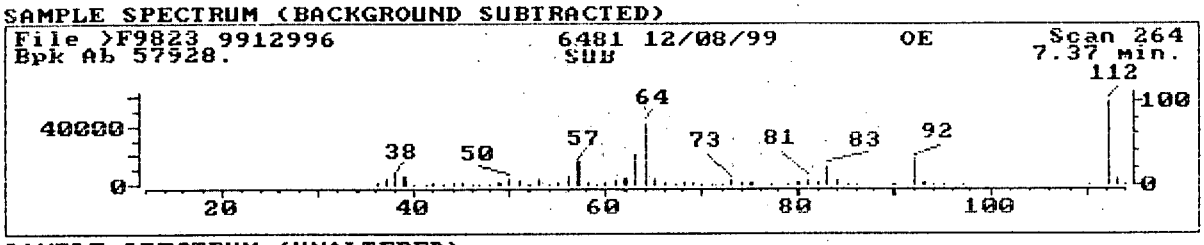
Data File: >F9823::G2 Quant Output File: ^F9823::QT
Name: 9912996 Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE SP-1 BTL# 8
Quant Time: 991209 20:58 Quant ID File: IDF01::ME
Injected at: 991209 20:22 Last Calibration: 991209 15:19
Last Qcal Time: <none>

Compound No : 1 (ISTD)
Compound Name : d4-1,4-Dichlorobenzene
Scan Number : 408
Retention Time: 10.31 min.
Quant Ion : 152.0
Area : 36310
Concentration : 40.00 ug/l
q-value : 87

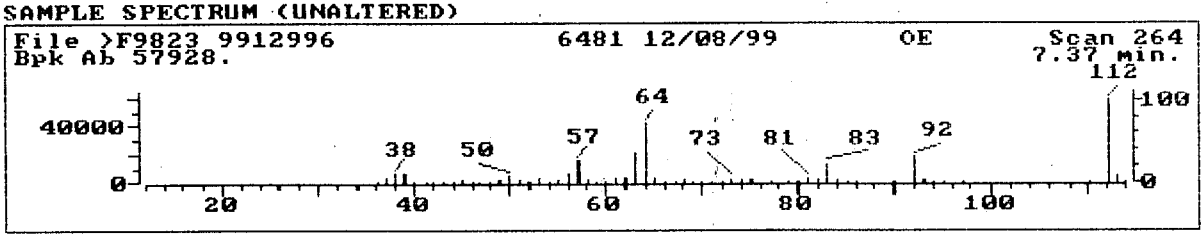
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

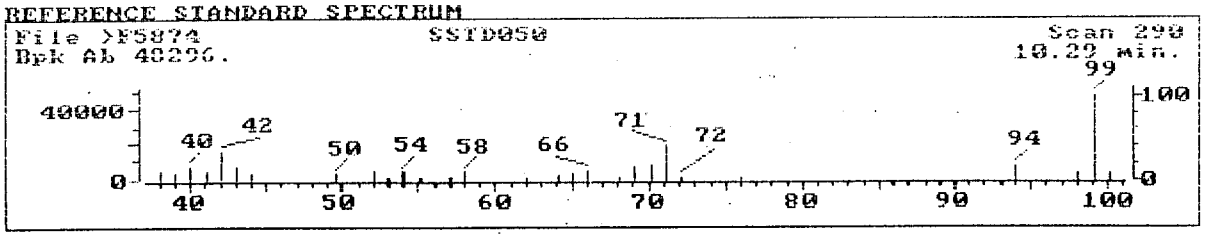


Data File: >F9823::G2
Name: 9912996
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:58
Injected at: 991209 20:22
Last Qcal Time: <none>

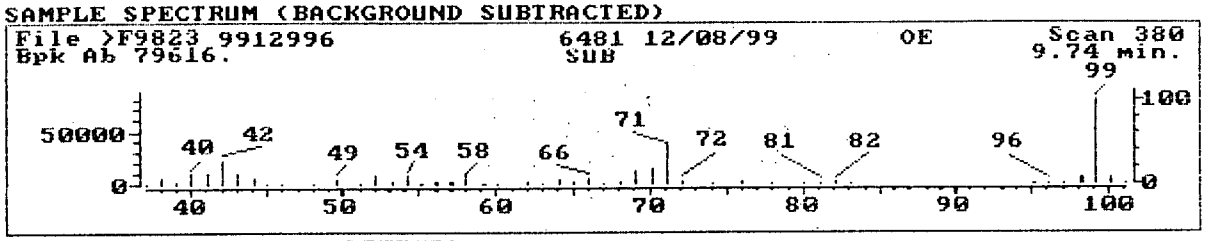
Quant Output File: ^F9823::QT
Instrument ID: AHP5970B
SP-1 BTL# 8
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 4
Compound Name : 2-Fluorophenol
Scan Number : 264
Retention Time: 7.37 min.
Quant Ion : 112.0
Area : 141177
Concentration : 111.00 ug/l
q-value : 100

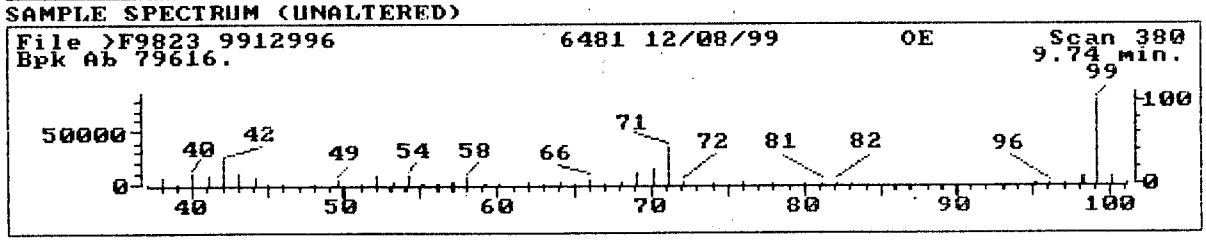
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

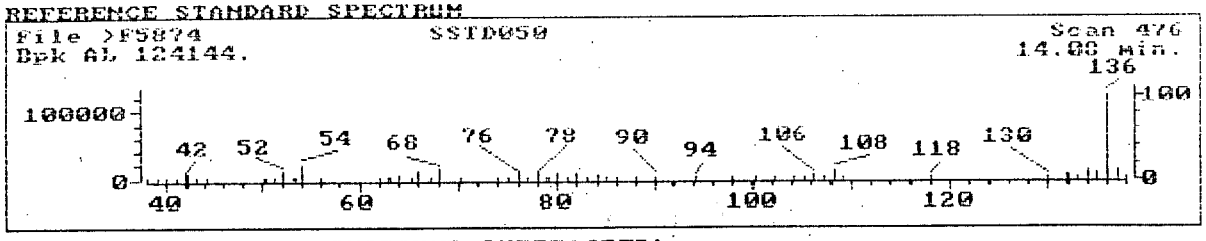


Data File: >F9823::G2
Name: 9912996
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:58
Injected at: 991209 20:22
Last Qcal Time: <none>

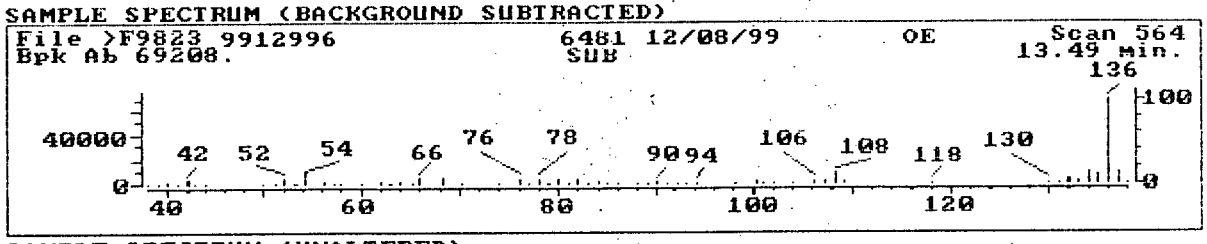
Quant Output File: ^F9823::QT
Instrument ID: AHP5970B
SP-1 BTL# 8
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 6
Compound Name : Phenol-d5
Scan Number : 380
Retention Time: 9.74 min.
Quant Ion : 99.0
Area : 220090
Concentration : 115.74 ug/l
q-value : 90

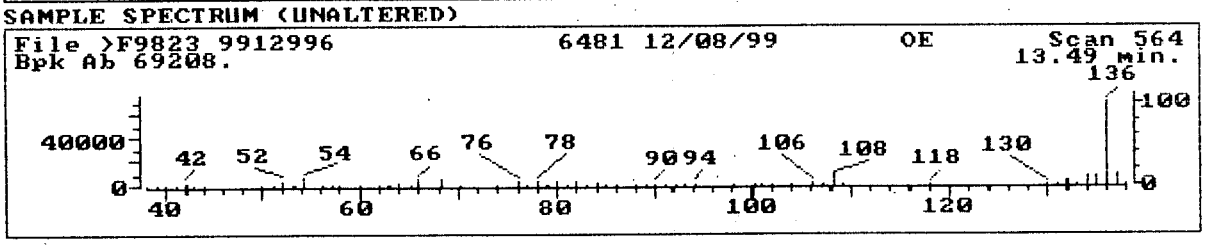
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

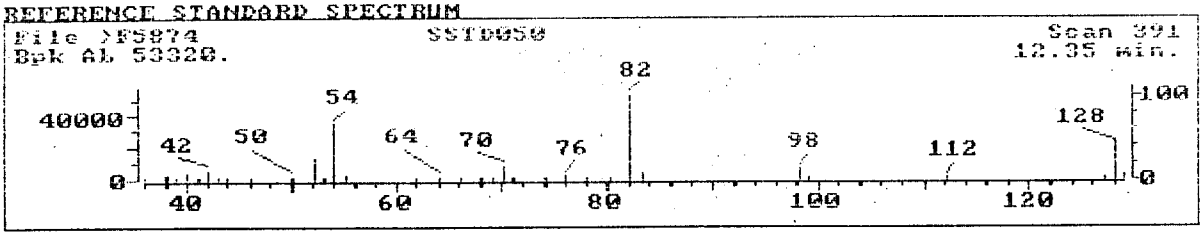


Data File: >F9823::G2
Name: 9912996
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:58
Injected at: 991209 20:22
Last Qcal Time: <none>

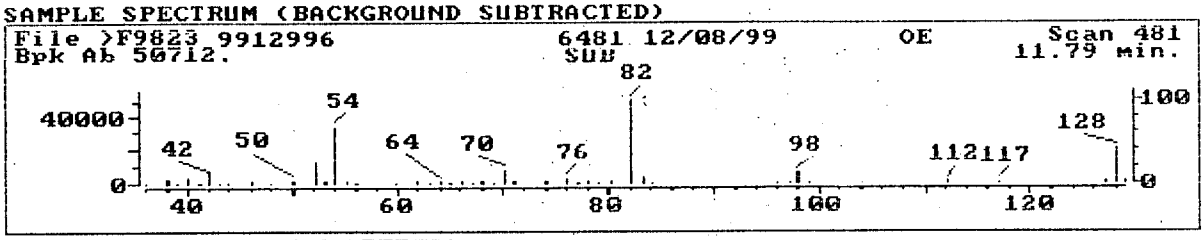
Quant Output File: ^F9823::QT
Instrument ID: AHP5970B
SP-1 BTL# 8
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 19 (ISTD)
Compound Name : d8-Naphthalene
Scan Number : 564
Retention Time: 13.49 min.
Quant Ion : 136.0
Area : 147666
Concentration : 40.00 ug/l
q-value : 97

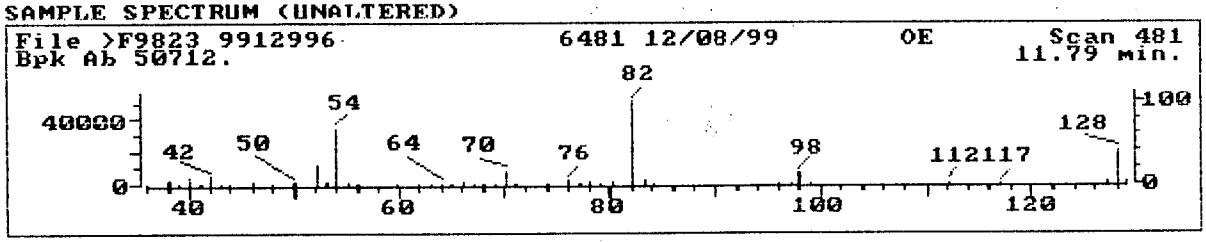
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

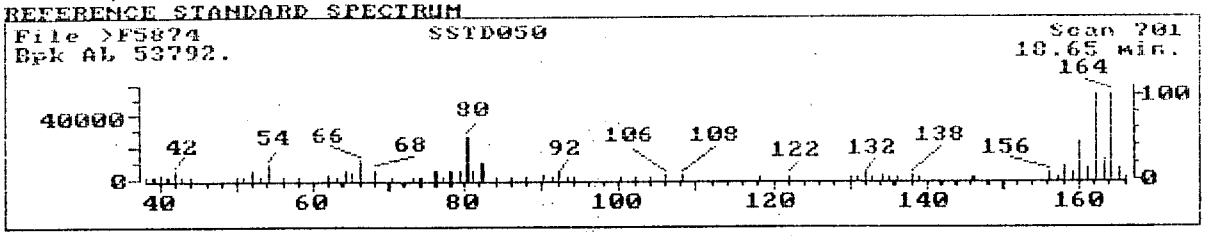


Data File: >F9823::G2
Name: 9912996
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:58
Injected at: 991209 20:22
Last Qcal Time: <none>

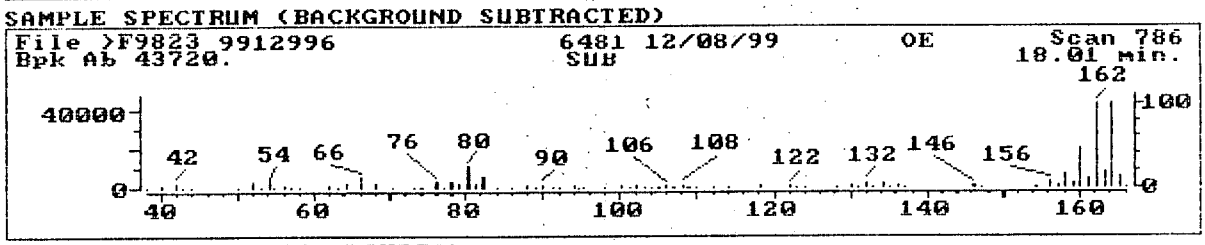
Quant Output File: ^F9823::QT
Instrument ID: AHP5970B
SP-1 BTL# 8
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 20
Compound Name : Nitrobenzene-d5
Scan Number : 481
Retention Time: 11.79 min.
Quant Ion : 82.0
Area : 118576
Concentration : 69.69 ug/l
q-value : 90

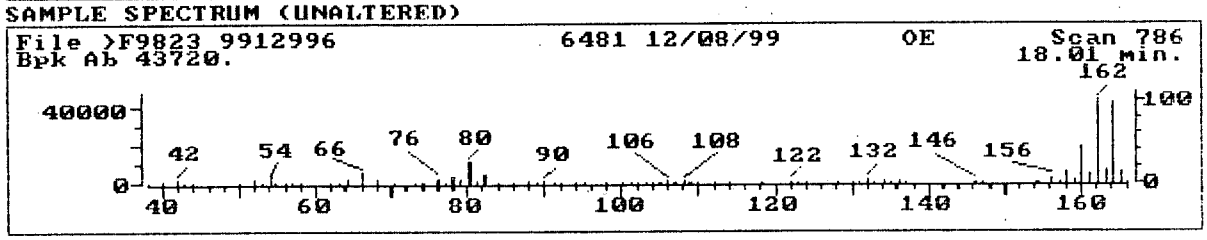
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

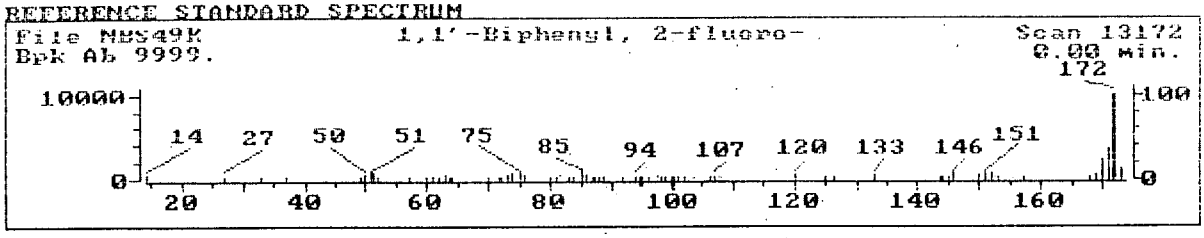


Data File: >F9823::G2
Name: 9912996
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:58
Injected at: 991209 20:22
Last Qcal Time: <none>

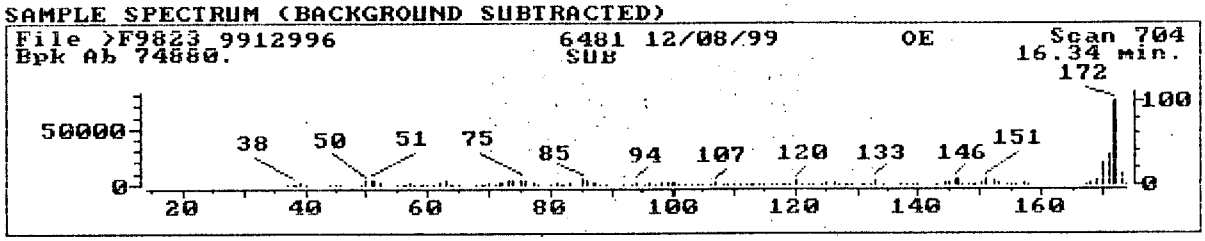
Quant Output File: ^F9823::QT
Instrument ID: AHP5970B
SP-1 BTL# 8
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 34 (ISTD)
Compound Name : d10-Acenaphthene
Scan Number : 786
Retention Time: 18.01 min.
Quant Ion : 164.0
Area : 92416
Concentration : 40.00 ug/l
q-value : 97

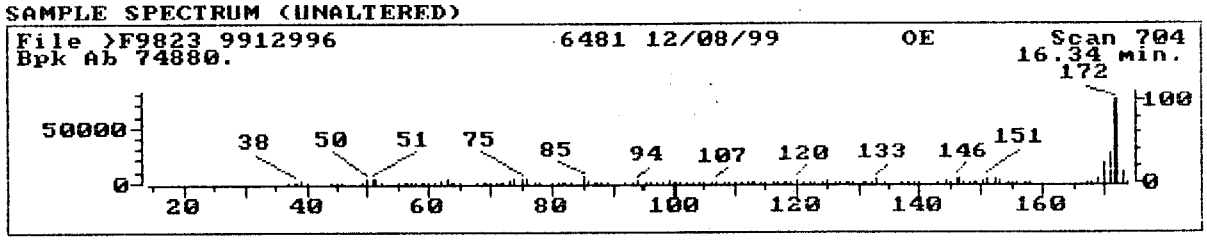
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



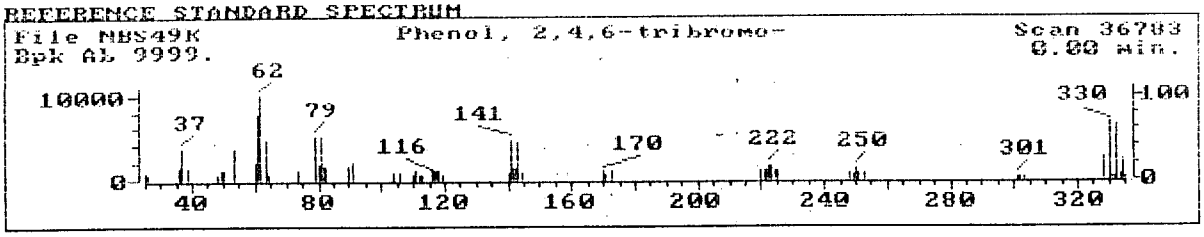
SAMPLE SPECTRUM (UNALTERED)



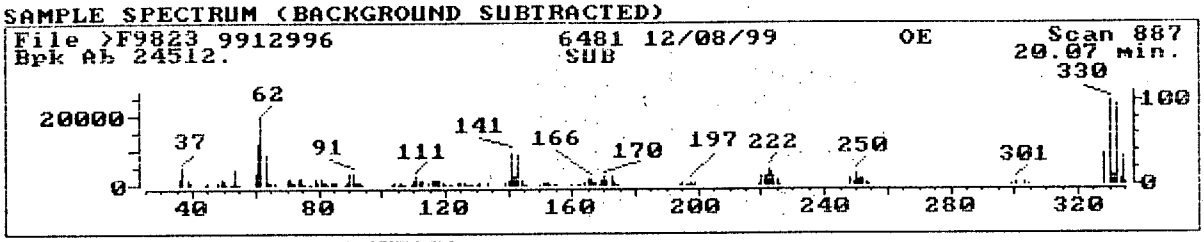
Data File: >F9823::G2 Quant Output File: ^F9823::QT
Name: 9912996 Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE SP-1 BTL# 8
Quant Time: 991209 20:58 Quant ID File: IDF01::ME
Injected at: 991209 20:22 Last Calibration: 991209 15:19
Last Qcal Time: <none>

Compound No : 39
Compound Name : 2-Fluorobiphenyl
Scan Number : 704
Retention Time: 16.34 min.
Quant Ion : 172.0
Area : 183202
Concentration : 71.96 ug/l
q-value : 95

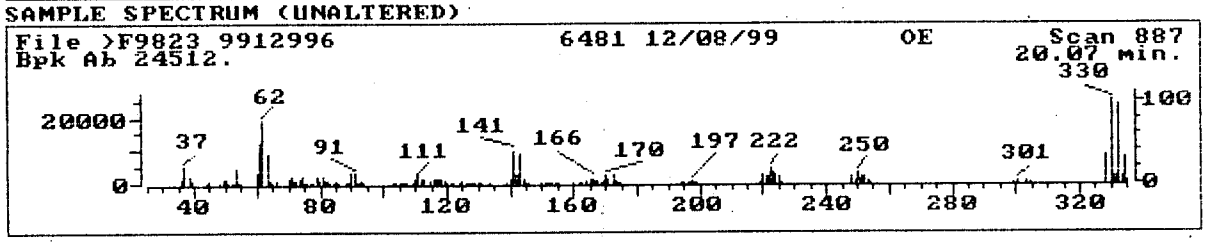
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



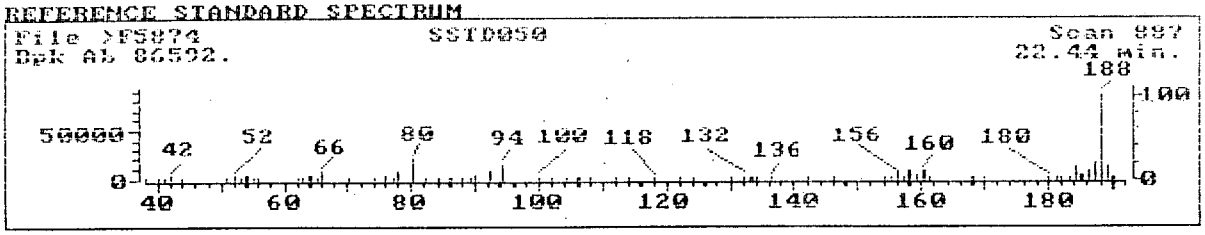
SAMPLE SPECTRUM (UNALTERED)



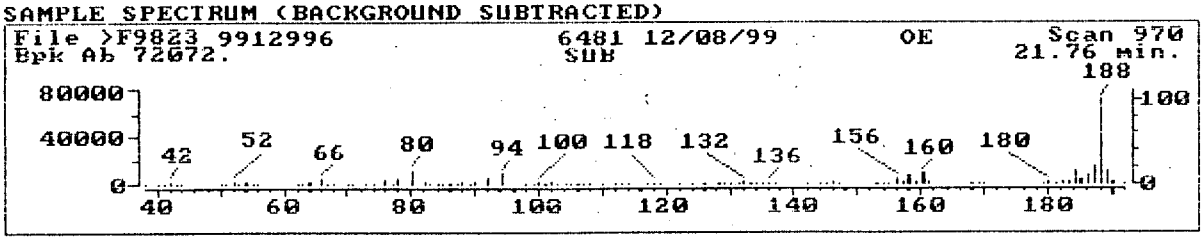
Data File: >F9823::G2 Quant Output File: ^F9823::QT
Name: 9912996 Instrument ID: AHP5970B
Misc: 6481 12/08/99 OE SP-1 BTL# 8
Quant Time: 991209 20:58 Quant ID File: IDF01::ME
Injected at: 991209 20:22 Last Calibration: 991209 15:19
Last Qcal Time: <none>

Compound No : 54
Compound Name : 2,4,6-Tribromophenol
Scan Number : 887
Retention Time: 20.07 min.
Quant Ion : 329.8
Area : 68546
Concentration : 154.31 ug/l
q-value : 99

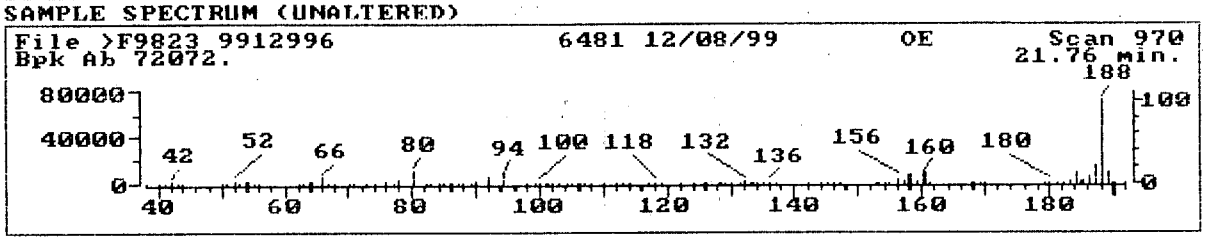
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

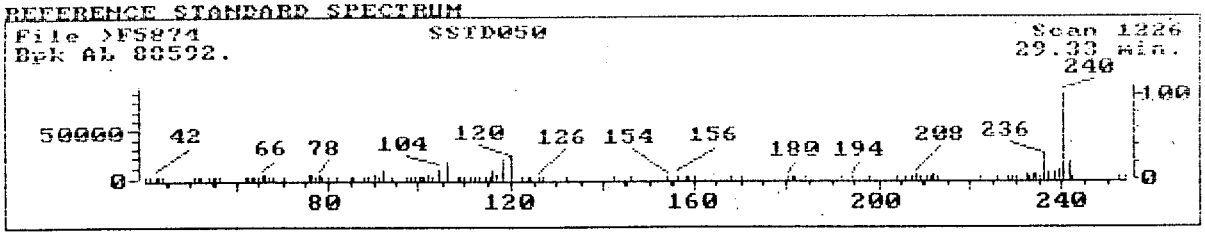


Data File: >F9823::G2
Name: 9912996
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:58
Injected at: 991209 20:22
Last Qcal Time: <none>

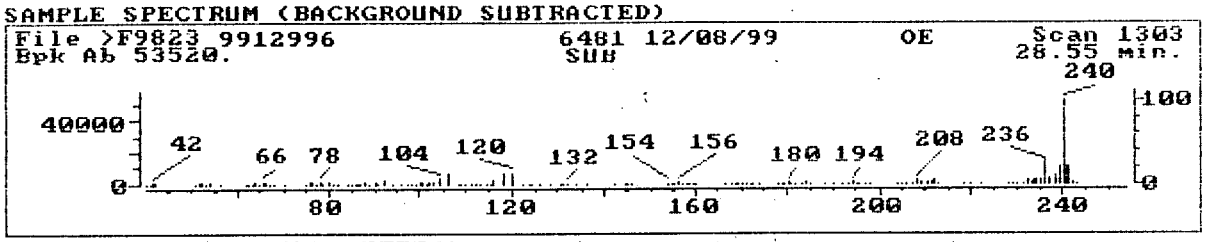
Quant Output File: ^F9823::QT
Instrument ID: AHP5970B
SP-1 BTL# 8
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 55 (ISTD)
Compound Name : d10-Phenanthrene
Scan Number : 970
Retention Time: 21.76 min.
Quant Ion : 188.0
Area : 173944
Concentration : 40.00 ug/l
q-value : 100

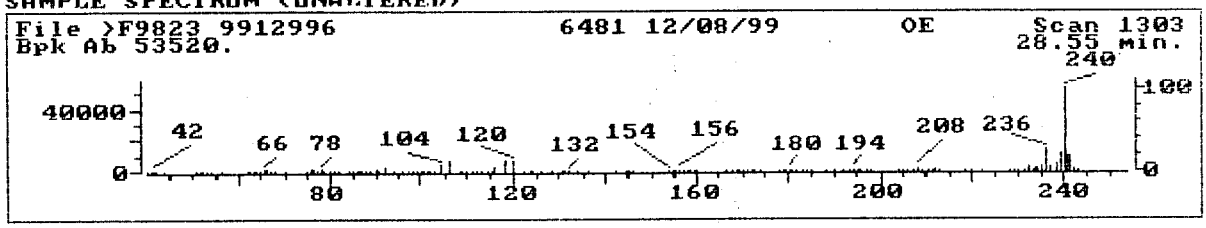
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

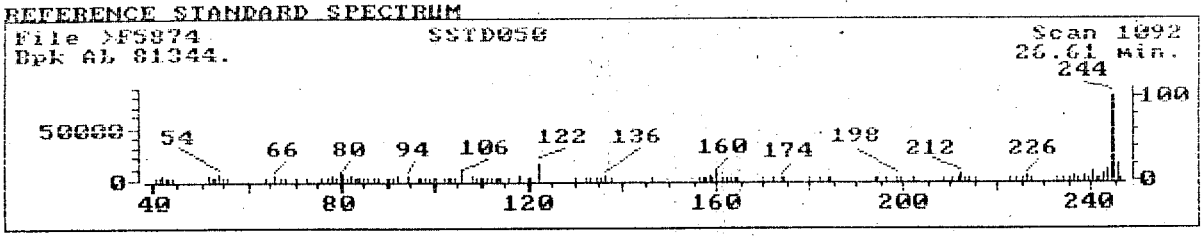


Data File: >F9823::G2
Name: 9912996
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:58
Injected at: 991209 20:22
Last Qcal Time: <none>

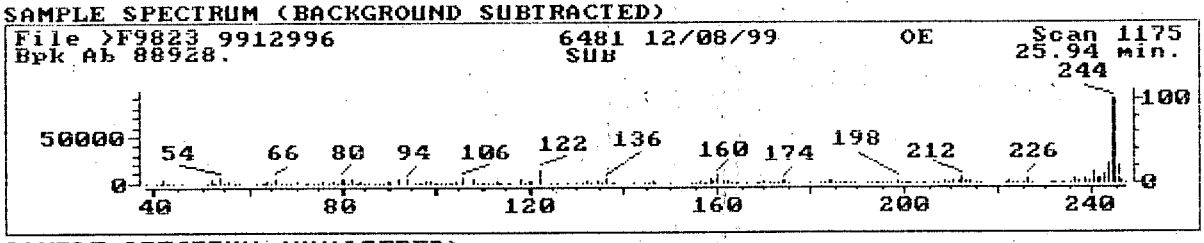
Quant Output File: ^F9823::QT
Instrument ID: AHP5970B
SP-1 BTL# 8
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 67 (ISTD)
Compound Name : d12-Chrysene
Scan Number : 1303
Retention Time: 28.55 min.
Quant Ion : 240.0
Area : 171276
Concentration : 40.00 ug/l
q-value : 100

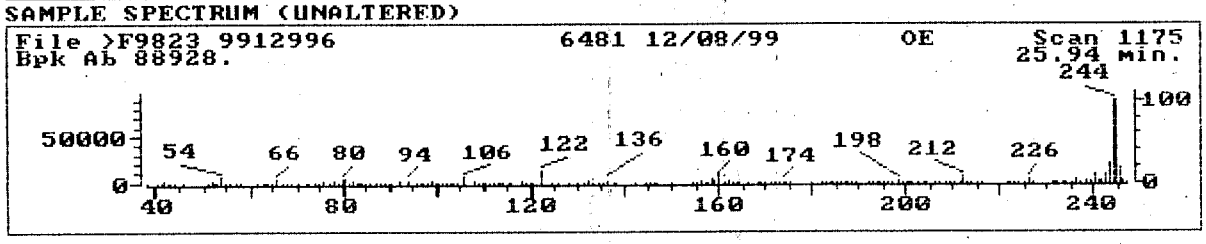
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

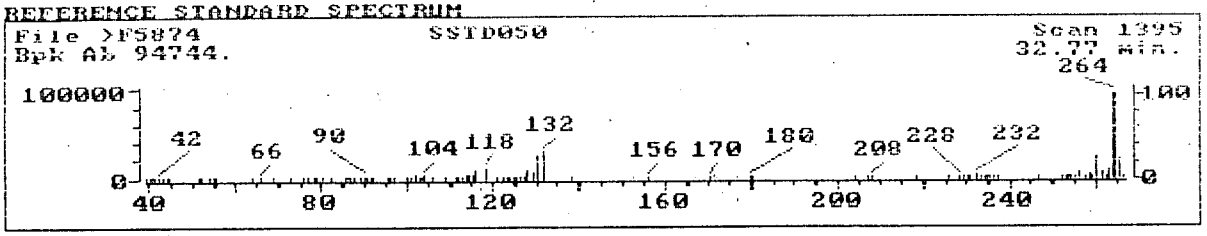


Data File: >F9823::G2
Name: 9912996
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:58
Injected at: 991209 20:22
Last Qcal Time: <none>

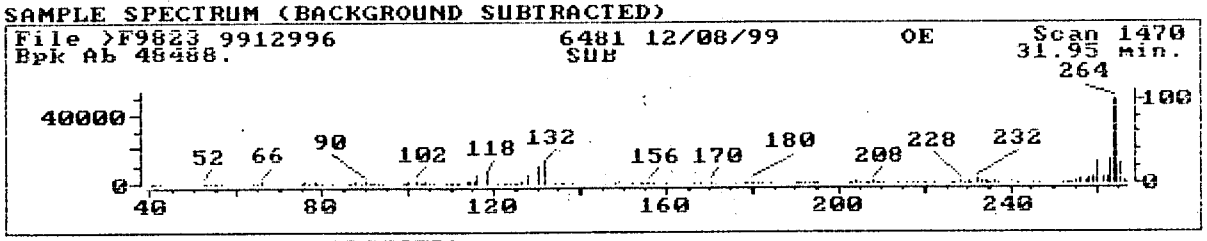
Quant Output File: ^F9823::QT
Instrument ID: AHP5970B
SP-1 BTL# 8
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

Compound No : 70
Compound Name : Terphenyl-d14
Scan Number : 1175
Retention Time: 25.94 min.
Quant Ion : 244.0
Area : 286047
Concentration : 78.82 ug/l
q-value : 92

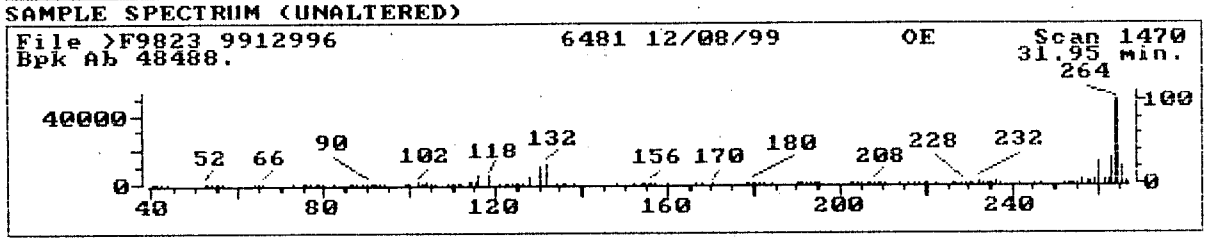
REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



Data File: >F9823::G2
Name: 9912996
Misc: 6481 12/08/99 OE
Quant Time: 991209 20:58
Injected at: 991209 20:22
Last Qcal Time: <none>

Quant Output File: ^F9823::QT
Instrument ID: AHP5970B
SP-1 BTL# 8
Quant ID File: IDF01::ME
Last Calibration: 991209 15:19

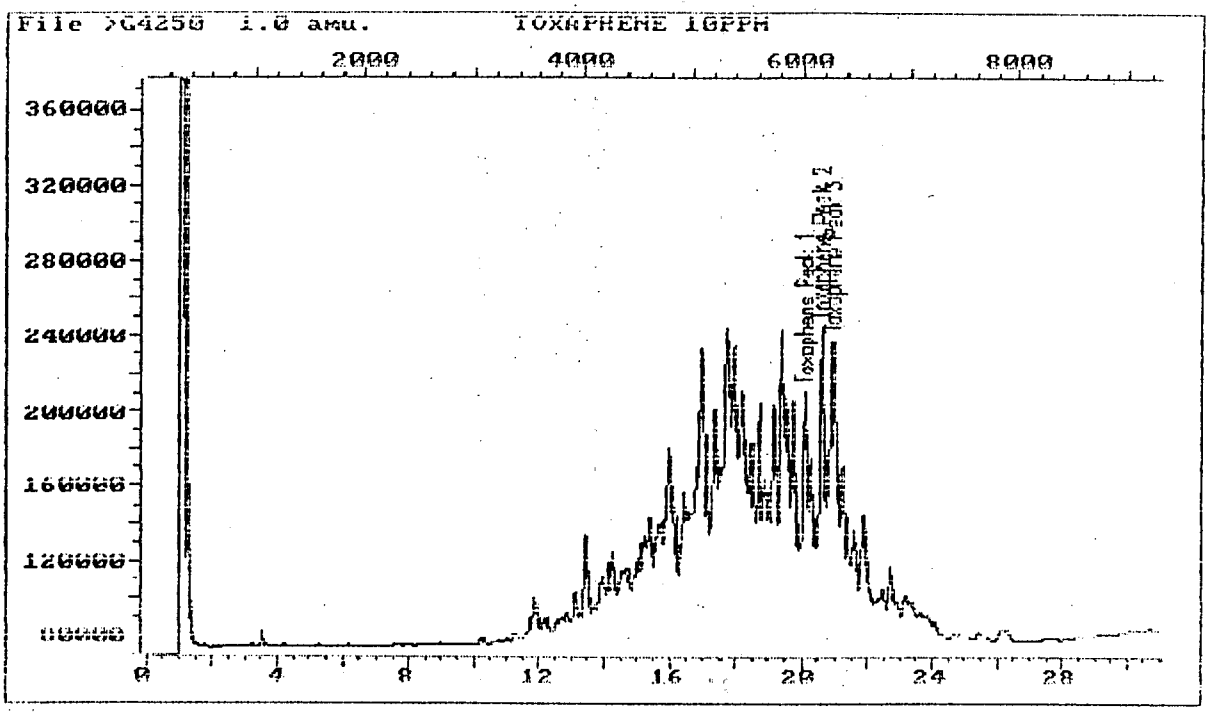
Compound No : 76 (ISTD)
Compound Name : d12-Perylene
Scan Number : 1470
Retention Time: 31.95 min.
Quant Ion : 264.0
Area : 167692
Concentration : 40.00 ug/l
q-value : 100

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 10:51
Output File: ^G4250::QT Injected at: 990928 22:44
Data File: >G4250::G1 Dilution Factor: 1.00000
Name: TOXAPHENE 10PPM Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

	Compound	R.T.	Scan#	Area	Conc	Units	q
22)	#Toxaphene Peak 1	20.05	6016	681702	681702.0	NO CALIB100	
23)	#Toxaphene Peak 2	20.56	6168	942218	942218.0	NO CALIB100	
24)	#Toxaphene Peak 3	20.90	6271	1035360M	1035360.	NO CALIB	

Compound uses ESTD



Data File: >G4250::G1 Quant Output File: ^G4250::QT
Name: TOXAPHENE 10PPM Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

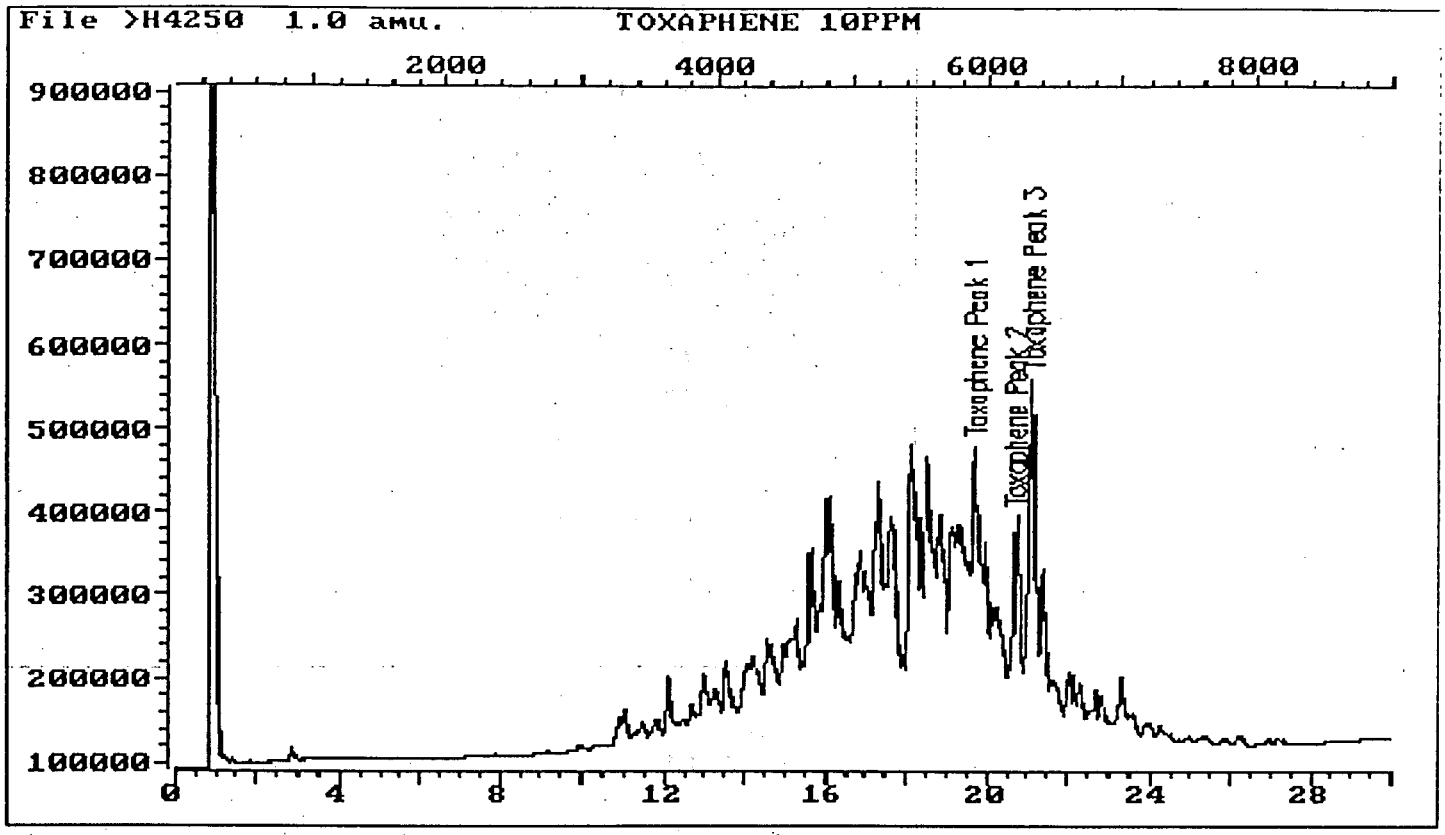
Operator ID: CLIFF
Quant Time : 990929 10:51
Injected at: 990928 22:44

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:01
Output File: ^H4250::G5 Injected at: 990928 23:21
Data File: >H4250::G1 Dilution Factor: 1.00000
Name: TOXAPHENE 10PPM Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

Compound	R.T.	Scan#	Area	Conc	Units	q
22) #Toxaphene Peak 1	19.69	5907	1036354M	1036354.	NO CALIB	
23) #Toxaphene Peak 2	20.67	6202	1480099	1480099.	NO CALIB	100
24) #Toxaphene Peak 3	21.11	6333	3149601M	3149601.	NO CALIB	

Compound uses ESTD



Data File: >H4250 Quant Output File: ^H4250::G5
Name: TOXAPHENE 10PPM Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

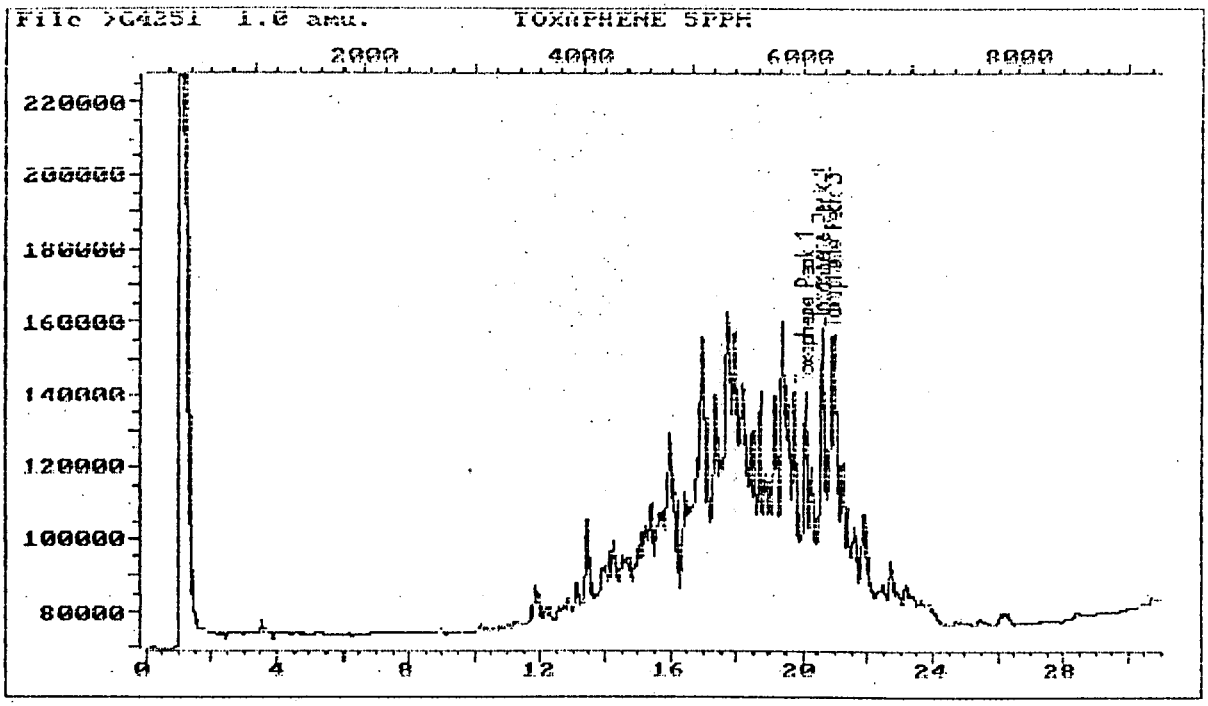
Operator ID: CLIFF
Quant Time : 990929 12:01
Injected at: 990928 23:21

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 10:54
Output File: ^G4251::QT Injected at: 990928 23:21
Data File: >G4251::G1 Dilution Factor: 1.00000
Name: TOXAPHENE 5PPM Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

Compound	R.T.	Scan#	Area	Conc	Units	q
22) #Toxaphene Peak 1	20.05	6016	303057	303057.0	NO	CALIB100
23) #Toxaphene Peak 2	20.56	6169	494436	494436.0	NO	CALIB100
24) #Toxaphene Peak 3	20.91	6272	513941M	513941.0	NO	CALIB

Compound uses ESTD



Data File: >G4251::G1 Quant Output File: ^G4251::QT
Name: TOXAPHENE 5PPM Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

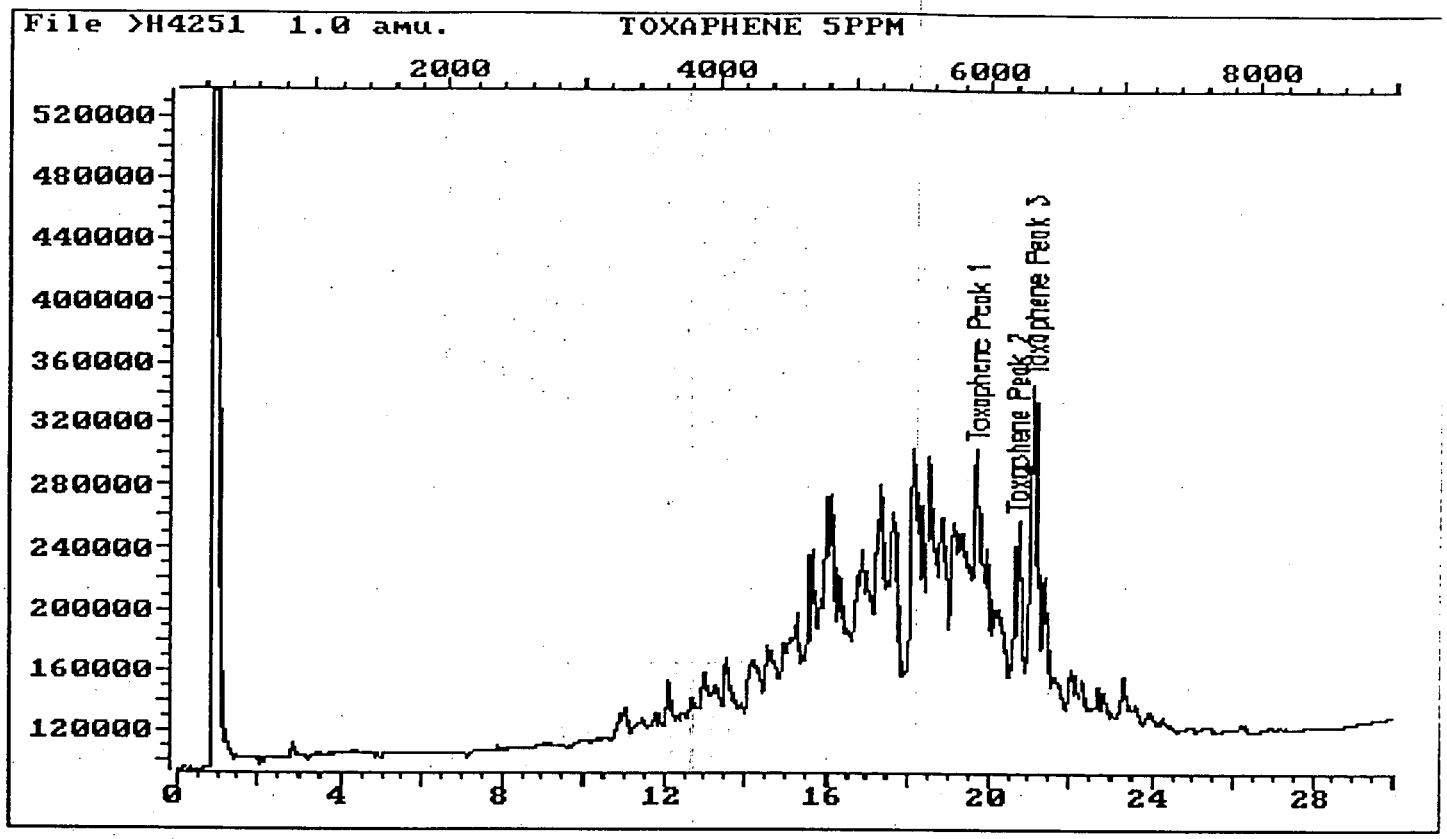
Operator ID: CLIFF
Quant Time : 990929 10:54
Injected at: 990928 23:21

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:04
Output File: ^H4251::G5 Injected at: 990928 23:58
Data File: >H4251::G1 Dilution Factor: 1.00000
Name: TOXAPHENE 5PPM Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

	Compound	R.T.	Scan#	Area	Conc	Units	q
22)	#Toxaphene Peak 1	19.69	5907	563801M	563801.0	NO CALIB	
23)	#Toxaphene Peak 2	20.68	6204	765109	765109.0	NO CALIB	10(
24)	#Toxaphene Peak 3	21.12	6336	1607141M	1607141.	NO CALIB	

Compound uses ESTD



Data File: >H4251 Quant Output File: ^H4251::G5
Name: TOXAPHENE 5PPM Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

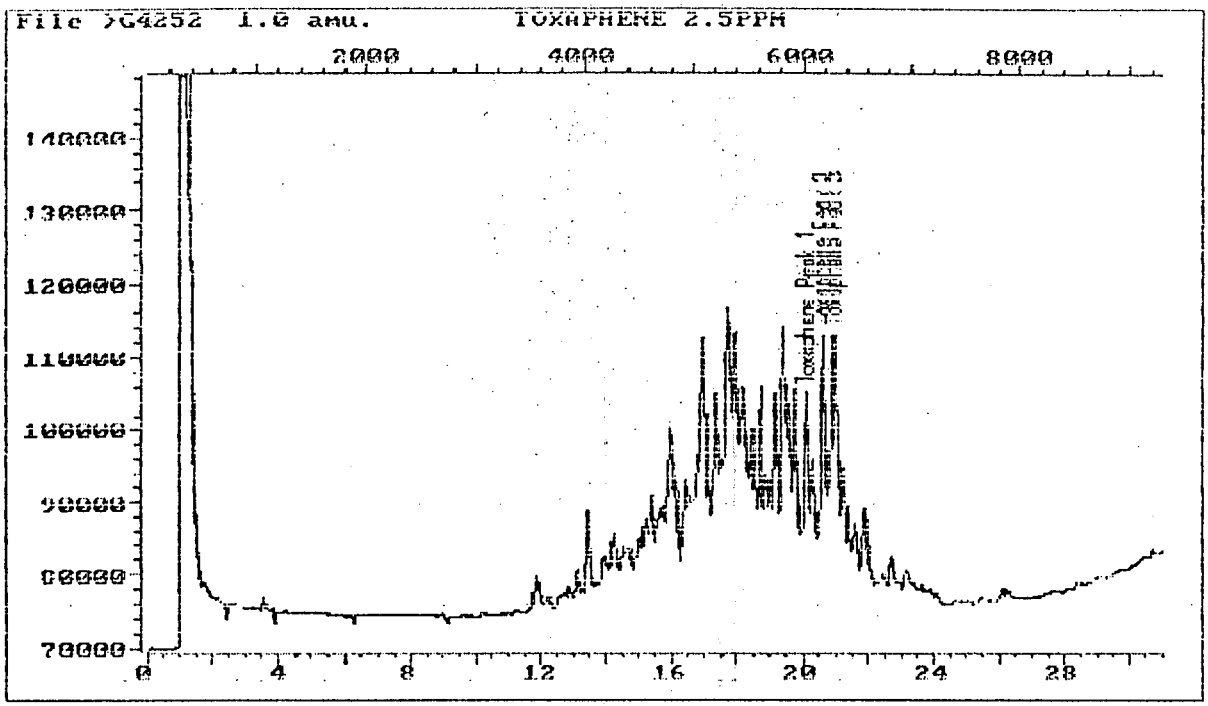
Operator ID: CLIFF
Quant Time : 990929 12:04
Injected at: 990928 23:58

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 10:55
Output File: ^G4252::QT Injected at: 990928 23:58
Data File: >G4252::G1 Dilution Factor: 1.00000
Name: TOXAPHENE 2.5PPM Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

Compound	R.T.	Scan#	Area	Conc	Units	q
22) #Toxaphene Peak 1	20.05	6016	150713	150713.0	NO CALIB	100
23) #Toxaphene Peak 2	20.56	6169	231666	231666.0	NO CALIB	100
24) #Toxaphene Peak 3	20.91	6272	258291M	258291.0	NO CALIB	

Compound uses ESTD



Data File: >G4252::G1 Quant Output File: ^G4252::QT
Name: TOXAPHENE 2.5PPM Instrument ID: G
Misc:

Id File: IDPST7::GS
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

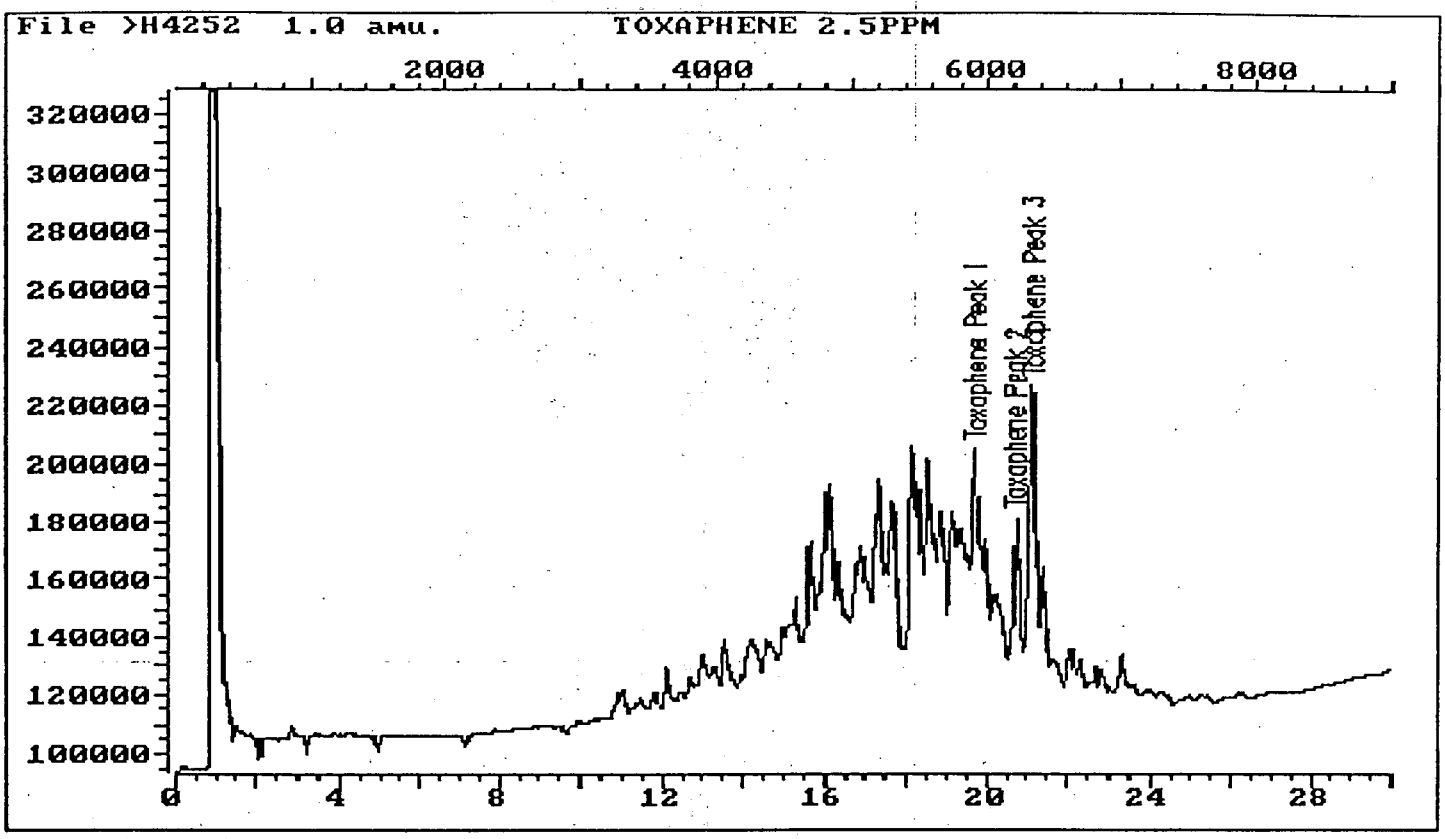
Operator ID: CLIFF
Quant Time : 990929 10:55
Injected at: 990928 23:58

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:06
Output File: ^H4252::G5 Injected at: 990929 00:36
Data File: >H4252::G1 Dilution Factor: 1.00000
Name: TOXAPHENE 2.5PPM Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

Compound	R.T.	Scan#	Area	Conc	Units	q
22) #Toxaphene Peak 1	19.70	5910	285431M	285431.0	NO CALIB	
23) #Toxaphene Peak 2	20.68	6205	363617	363617.0	NO CALIB	100
24) #Toxaphene Peak 3	21.13	6339	778786M	778786.0	NO CALIB	

Compound uses ESTD



Data File: >H4252 Quant Output File: ^H4252::G5
Name: TOXAPHENE 2.5PPM Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

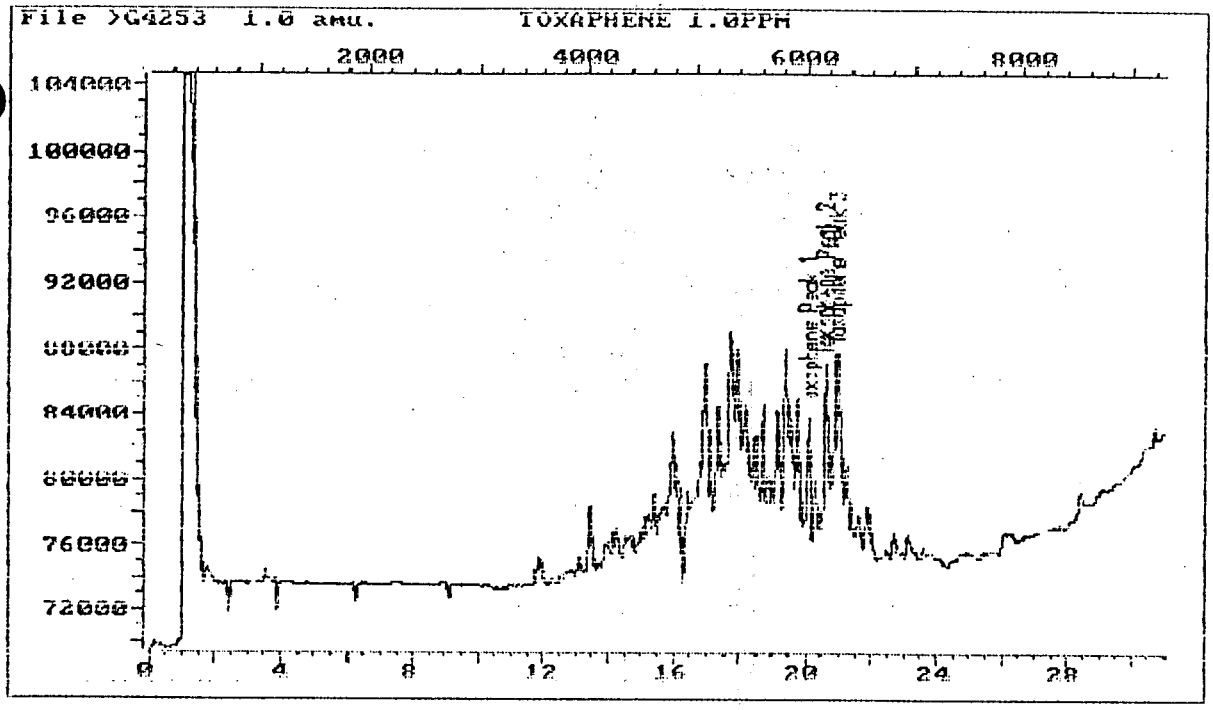
Operator ID: CLIFF
Quant Time : 990929 12:06
Injected at: 990929 00:36

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 10:57
Output File: ^G4253::QT Injected at: 990929 00:36
Data File: >G4253::G1 Dilution Factor: 1.00000
Name: TOXAPHENE 1.0PPM Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

Compound	R.T.	Scan#	Area	Conc	Units	q
22) #Toxaphene Peak 1	20.06	6017	57267	57267.00	NO CALIB	100
23) #Toxaphene Peak 2	20.56	6169	87826	87826.00	NO CALIB	100
24) #Toxaphene Peak 3	20.91	6272	93927M	93927.00	NO CALIB	

Compound uses ESTD



Data File: >G4253::G1 Quant Output File: ^G4253::QT
Name: TOXAPHENE 1.0PPM Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

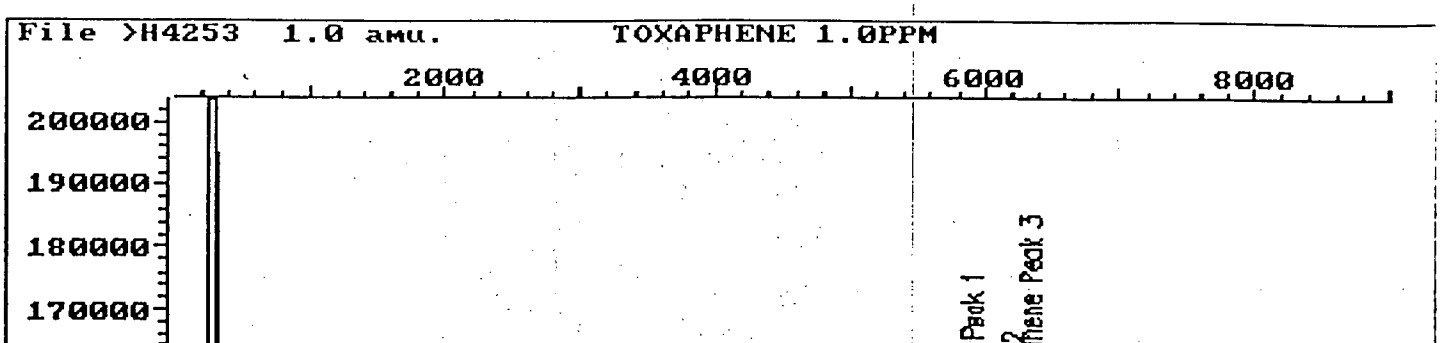
Operator ID: CLIFF
Quant Time : 990929 10:57
Injected at: 990929 00:36

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:07
Output File: ^H4253::G5 Injected at: 990929 01:13
Data File: >H4253::G1 Dilution Factor: 1.00000
Name: TOXAPHENE 1.0PPM Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

	Compound	R.T.	Scan#	Area	Conc	Units	q
22)	#Toxaphene Peak 1	19.70	5911	103374M	103374.0	NO CALIB	
23)	#Toxaphene Peak 2	20.69	6207	126294	126294.0	NO CALIB	100
24)	#Toxaphene Peak 3	21.13	6340	280428M	280428.0	NO CALIB	

Compound uses ESTD



Data File: >H4253 Quant Output File: ^H4253::G5
Name: TOXAPHENE 1.0PPM Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

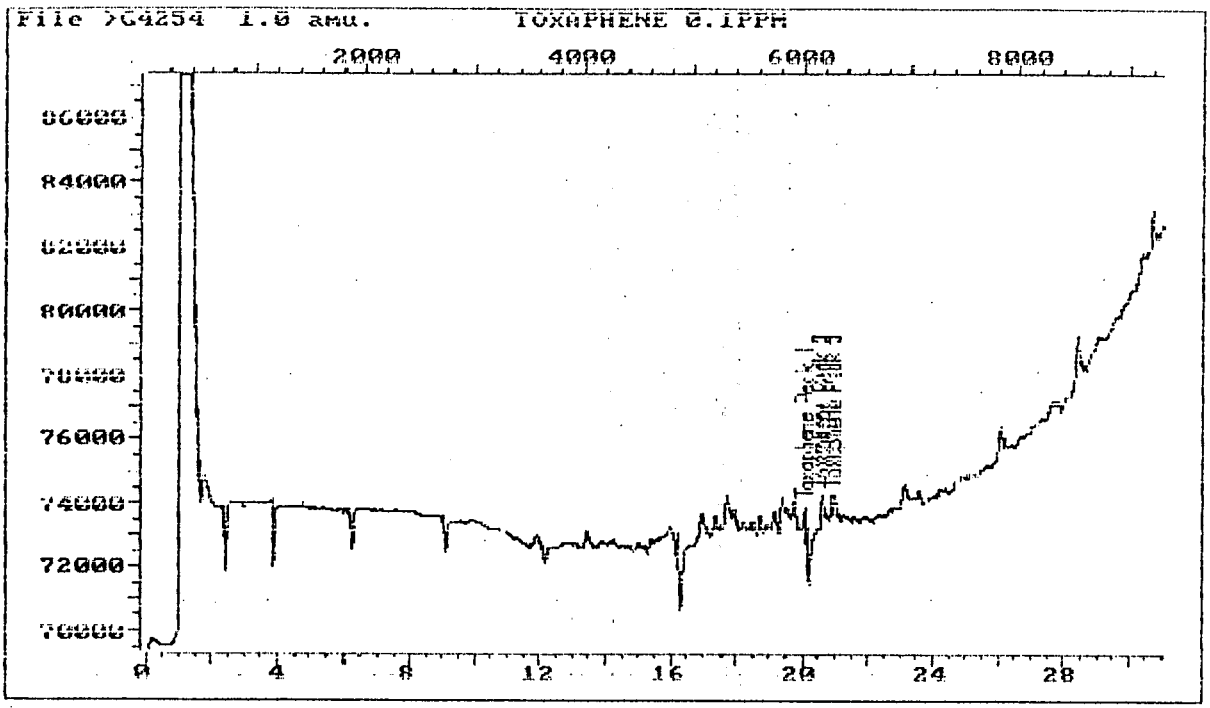
Operator ID: CLIFF
Quant Time : 990929 12:07
Injected at: 990929 01:13

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 10:58
Output File: ^G4254::QT Injected at: 990929 01:13
Data File: >G4254::G1 Dilution Factor: 1.00000
Name: TOXAPHENE 0.1PPM Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

Compound	R.T.	Scan#	Area	Conc	Units	q
22) #Toxaphene Peak 1	20.05	6015	6009M	6009.00	NO CALIB	
23) #Toxaphene Peak 2	20.56	6169	9952M	9952.00	NO CALIB	
24) #Toxaphene Peak 3	20.91	6273	7623M	7623.00	NO CALIB	

Compound uses ESTD



Data File: >G4254::G1 Quant Output File: ^G4254::QT
Name: TOXAPHENE 0.1PPM Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

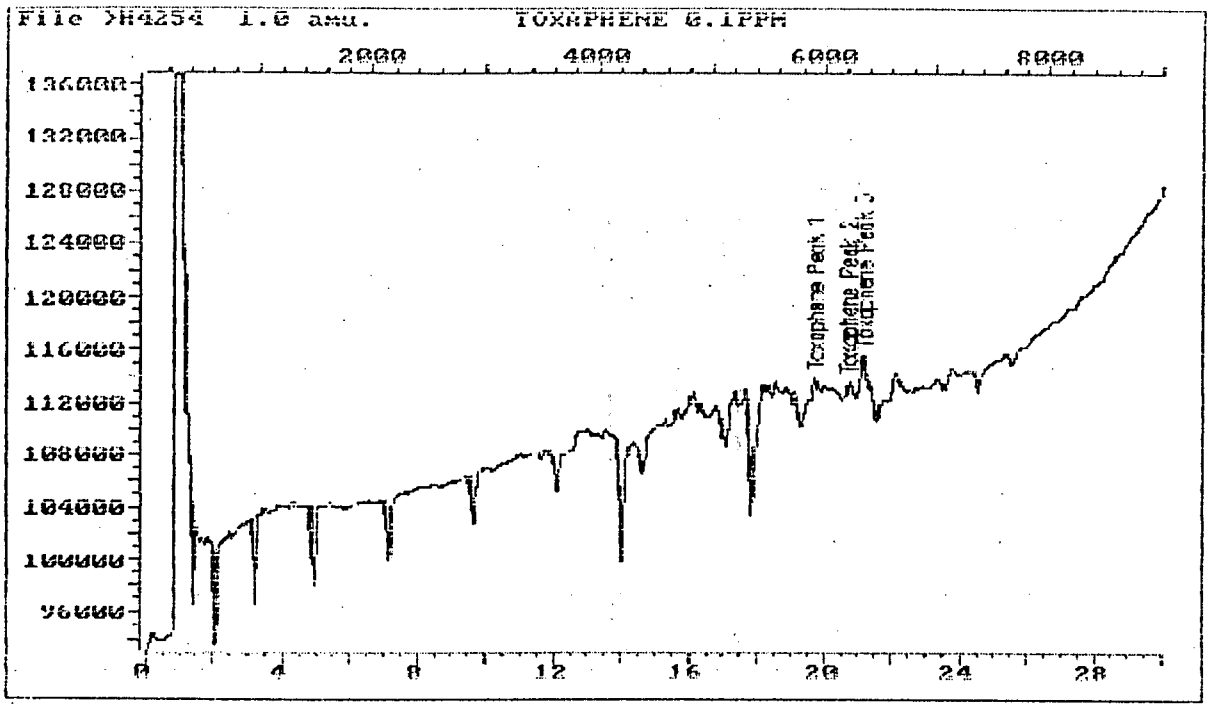
Operator ID: CLIFF
Quant Time : 990929 10:58
Injected at: 990929 01:13

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:09
Output File: ^H4254::QT Injected at: 990929 01:49
Data File: >H4254::G1 Dilution Factor: 1.00000
Name: TOXAPHENE 0.1PPM Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

Compound	R.T.	Scan#	Area	Conc	Units	q
22) #Toxaphene Peak 1	19.71	5912	9756M	9756.00	NO CALIB	
23) #Toxaphene Peak 2	20.69	6207	12055M	12055.00	NO CALIB	
24) #Toxaphene Peak 3	21.15	6344	25376M	25376.00	NO CALIB	

Compound uses ESTD



Data File: >H4254::G1 Quant Output File: ^H4254::QT
Name: TOXAPHENE 0.1PPM Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

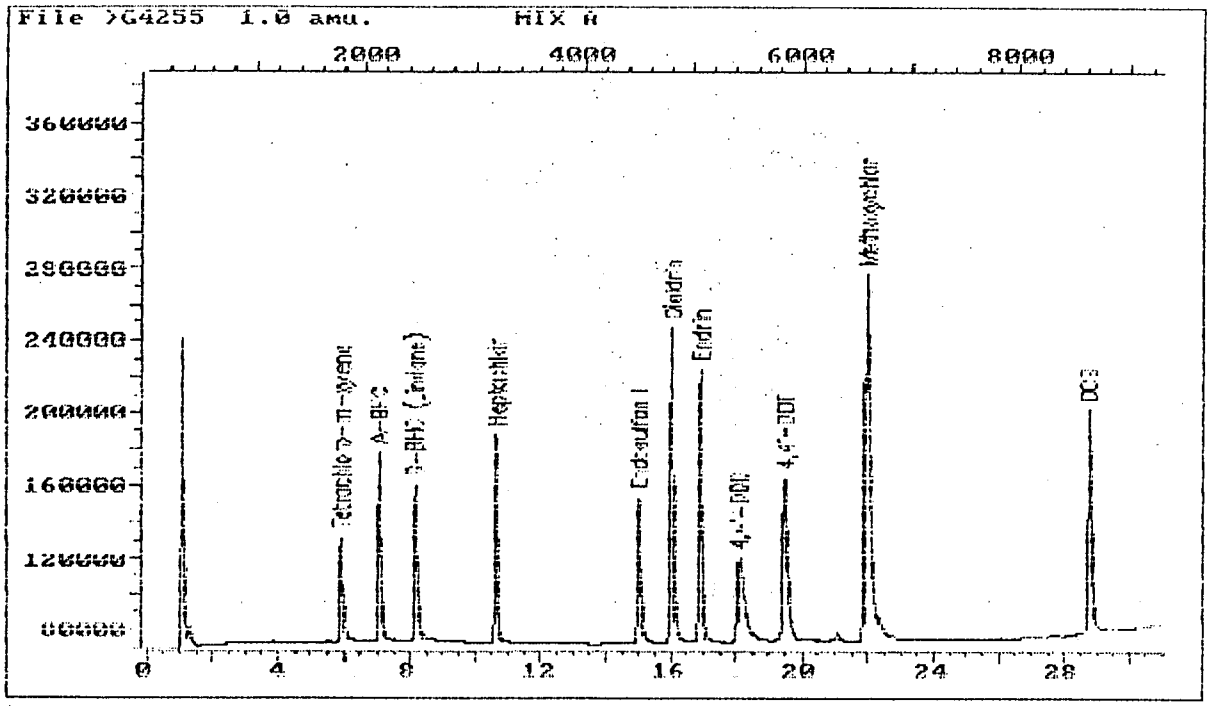
Operator ID: CLIFF
Quant Time : 990929 12:09
Injected at: 990929 01:49

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 11:00
Output File: ^G4255::QT Injected at: 990929 01:49
Data File: >G4255::G1 Dilution Factor: 1.00000
Name: MIX A Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.88	1764	369014	369014.0	NO	CALIB100
2)	#A-BHC	7.06	2119	619096	619096.0	NO	CALIB100
4)	#G-BHC (Lindane)	8.15	2446	602912	602912.0	NO	CALIB100
6)	#Heptachlor	10.63	3189	615114	615114.0	NO	CALIB100
10)	#Endosulfan I	14.96	4489	536484	536484.0	NO	CALIB100
12)	#Dieldrin	16.01	4804	1120816	1120816.	NO	CALIB100
14)	#Endrin	16.88	5064	970757	970757.0	NO	CALIB100
16)	#4,4'-DDD	18.06	5418	728563	728563.0	NO	CALIB100
19)	#4,4'-DDT	19.46	5839	782439	782439.0	NO	CALIB100
21)	#Methoxychlor	21.97	6590	2168377	2168377.	NO	CALIB100
25)	#DCB	28.72	8617	948520	948520.0	NO	CALIB100

Compound uses ESTD



Data File: >G4255::G1 Quant Output File: ^G4255::QT
Name: MIX A Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

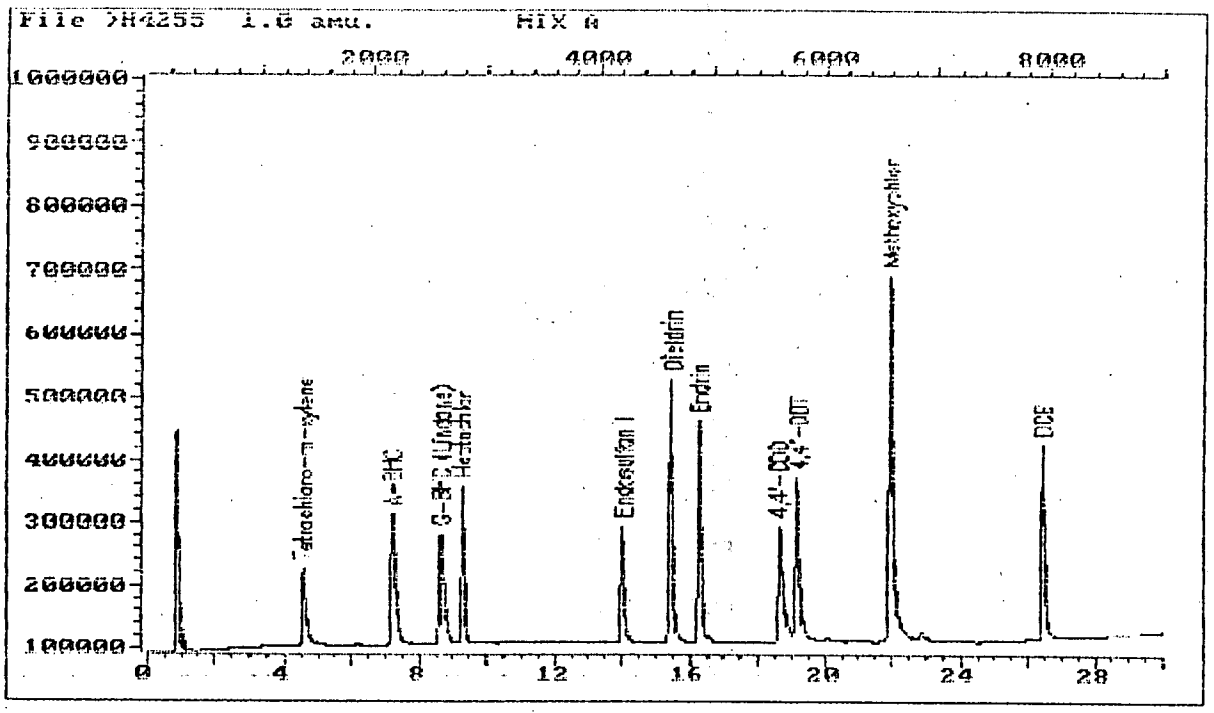
Operator ID: CLIFF
Quant Time : 990929 11:00
Injected at: 990929 01:49

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:10
Output File: ^H4255::QT Injected at: 990929 02:26
Data File: >H4255::G1 Dilution Factor: 1.00000
Name: MIX A Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.56	1369	977001	977001.0	NO CALIB100	
2)	#A-BHC	7.17	2152	1633370	1633370.	NO CALIB100	
3)	#G-BHC (Lindane)	8.62	2585	1549015	1549015.	NO CALIB100	
4)	#Heptachlor	9.22	2765	1407464	1407464.	NO CALIB100	
9)	#Endosulfan I	13.98	4194	1202544M	1202544.	NO CALIB100	
13)	#Dieldrin	15.44	4631	2878463	2878463.	NO CALIB100	
14)	#Endrin	16.24	4873	2459687	2459687.	NO CALIB100	
16)	#4,4'-DDD	18.61	5584	1849874	1849874.	NO CALIB100	
17)	#4,4'-DDT	19.17	5750	2073890	2073890.	NO CALIB100	
20)	#Methoxychlor	21.90	6570	5356615	5356615.	NO CALIB100	
25)	#DCB	26.42	7927	2451015	2451015.	NO CALIB100	

Compound uses ESTD



Data File: >H4255::G1 Quant Output File: ^H4255::QT
Name: MIX A Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

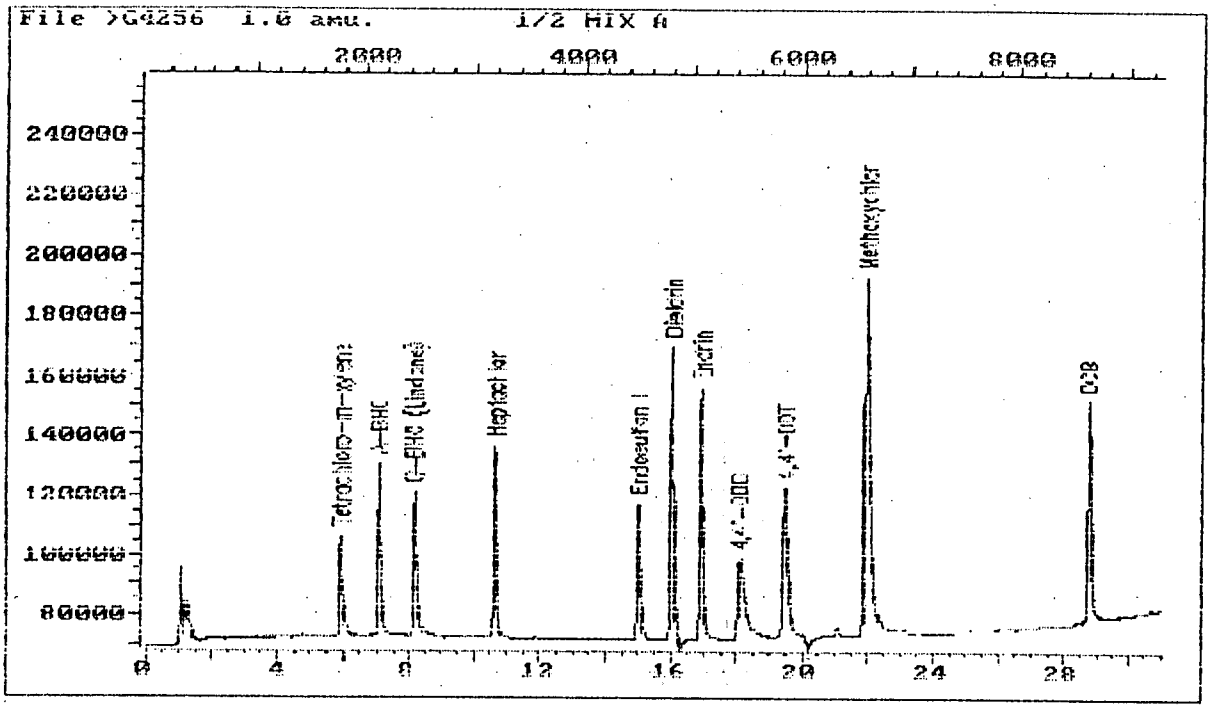
Operator ID: CLIFF
Quant Time : 990929 12:10
Injected at: 990929 02:26

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 11:02
Output File: ^G4256::QT Injected at: 990929 02:26
Data File: >G4256::G1 Dilution Factor: 1.00000
Name: 1/2 MIX A Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.88	1764	207156	207156.0	NO	CALIB100
2)	#A-BHC	7.06	2119	330798	330798.0	NO	CALIB100
4)	#G-BHC (Lindane)	8.15	2446	321111	321111.0	NO	CALIB100
6)	#Heptachlor	10.63	3189	329358	329358.0	NO	CALIB100
10)	#Endosulfan I	14.96	4489	280836	280836.0	NO	CALIB100
12)	#Dieldrin	16.01	4804	648873	648873.0	NO	CALIB100
14)	#Endrin	16.88	5063	516860	516860.0	NO	CALIB100
16)	#4,4'-DDD	18.05	5416	381246	381246.0	NO	CALIB100
19)	#4,4'-DDT	19.46	5839	398442M	398442.0	NO	CALIB100
21)	#Methoxychlor	21.97	6591	1244682	1244682.	NO	CALIB100
25)	#DCB	28.72	8617	559171	559171.0	NO	CALIB100

Compound uses ESTD



Data File: >G4256::G1 Quant Output File: ^G4256::QT
Name: 1/2 MIX A Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

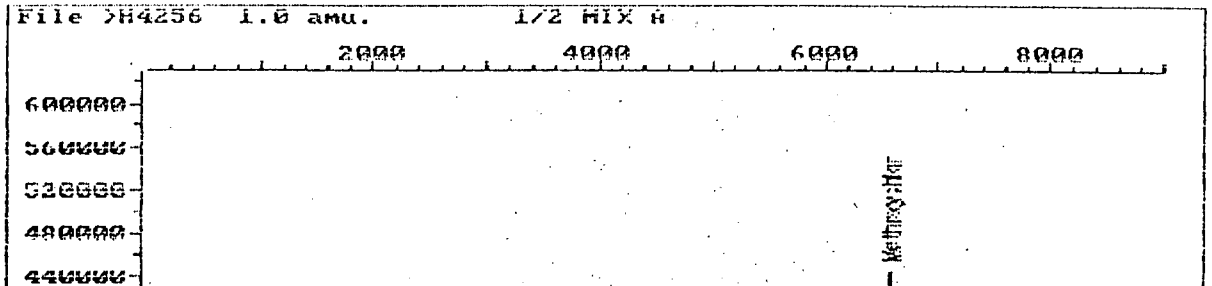
Operator ID: CLIFF
Quant Time : 990929 11:02
Injected at: 990929 02:26

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:12
Output File: ^H4256::QT Injected at: 990929 03:03
Data File: >H4256::G1 Dilution Factor: 1.00000
Name: 1/2 MIX A Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.57	1371	555972	555972.0	NO	CALIB100
2)	#A-BHC	7.18	2153	851890	851890.0	NO	CALIB100
3)	#G-BHC (Lindane)	8.62	2586	832564	832564.0	NO	CALIB100
4)	#Heptachlor	9.21	2764	799668	799668.0	NO	CALIB100
9)	#Endosulfan I	13.98	4193	380650M	380650.0	NO	CALIB100
13)	#Dieldrin	15.44	4631	1561242	1561242.	NO	CALIB100
14)	#Endrin	16.25	4874	1410954	1410954.	NO	CALIB100
16)	#4,4'-DDD	18.63	5588	863625	863625.0	NO	CALIB100
17)	#4,4'-DDT	19.17	5752	1098662	1098662.	NO	CALIB100
20)	#Methoxychlor	21.91	6573	3177750	3177750.	NO	CALIB100
25)	#DCB	26.43	7928	1433533	1433533.	NO	CALIB100

Compound uses ESTD



Data File: >H4256::G1 Quant Output File: ^H4256::QT
Name: 1/2 MIX A Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

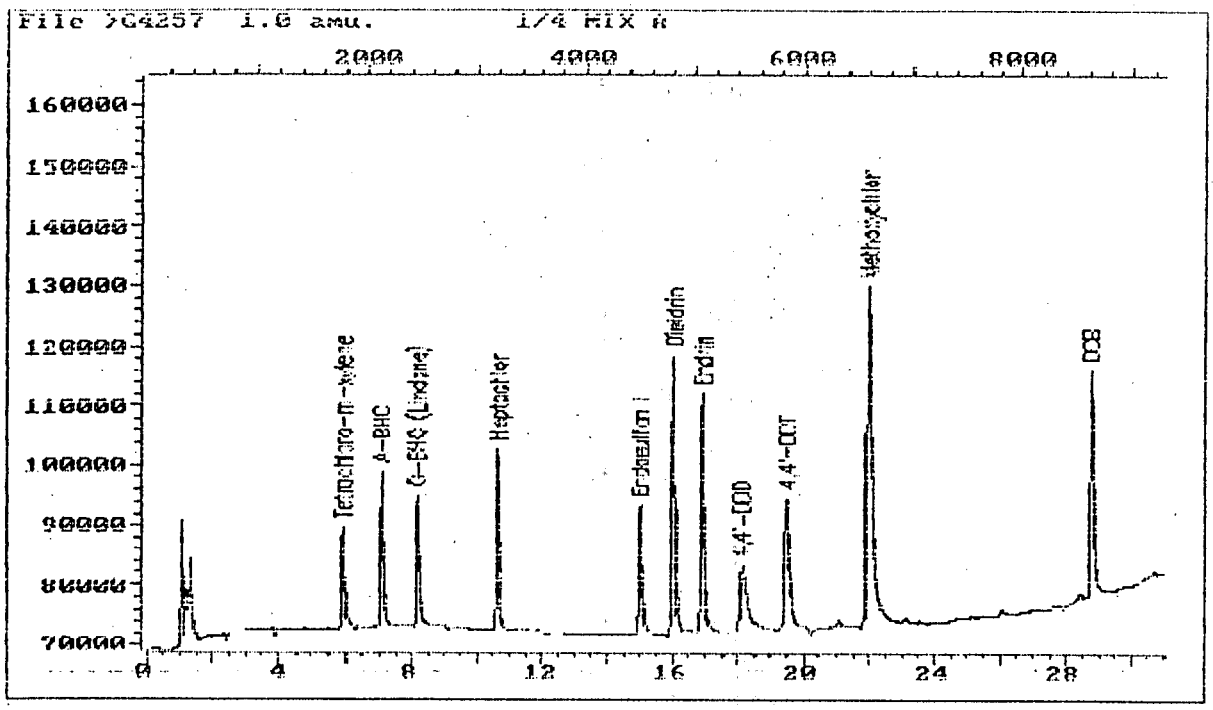
Operator ID: CLIFF
Quant Time : 990929 12:12
Injected at: 990929 03:03

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 11:03
Output File: ^G4257::QT Injected at: 990929 03:03
Data File: >G4257::G1 Dilution Factor: 1.00000
Name: 1/4 MIX A Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.88	1764	111359	111359.0	NO	CALIB100
2)	#A-BHC	7.06	2119	155127	155127.0	NO	CALIB100
4)	#G-BHC (Lindane)	8.15	2446	152303	152303.0	NO	CALIB100
6)	#Heptachlor	10.63	3188	158127	158127.0	NO	CALIB100
10)	#Endosulfan I	14.96	4489	137332	137332.0	NO	CALIB100
12)	#Dieldrin	16.01	4804	289026	289026.0	NO	CALIB100
14)	#Endrin	16.88	5063	257701	257701.0	NO	CALIB100
16)	#4,4'-DDD	18.07	5421	177634	177634.0	NO	CALIB100
19)	#4,4'-DDT	19.47	5840	193207	193207.0	NO	CALIB100
21)	#Methoxychlor	21.98	6594	639358	639358.0	NO	CALIB100
25)	#DCB	28.73	8618	290637	290637.0	NO	CALIB100

Compound uses ESTD



Data File: >G4257::G1 Quant Output File: ^G4257::QT
Name: 1/4 MIX A Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

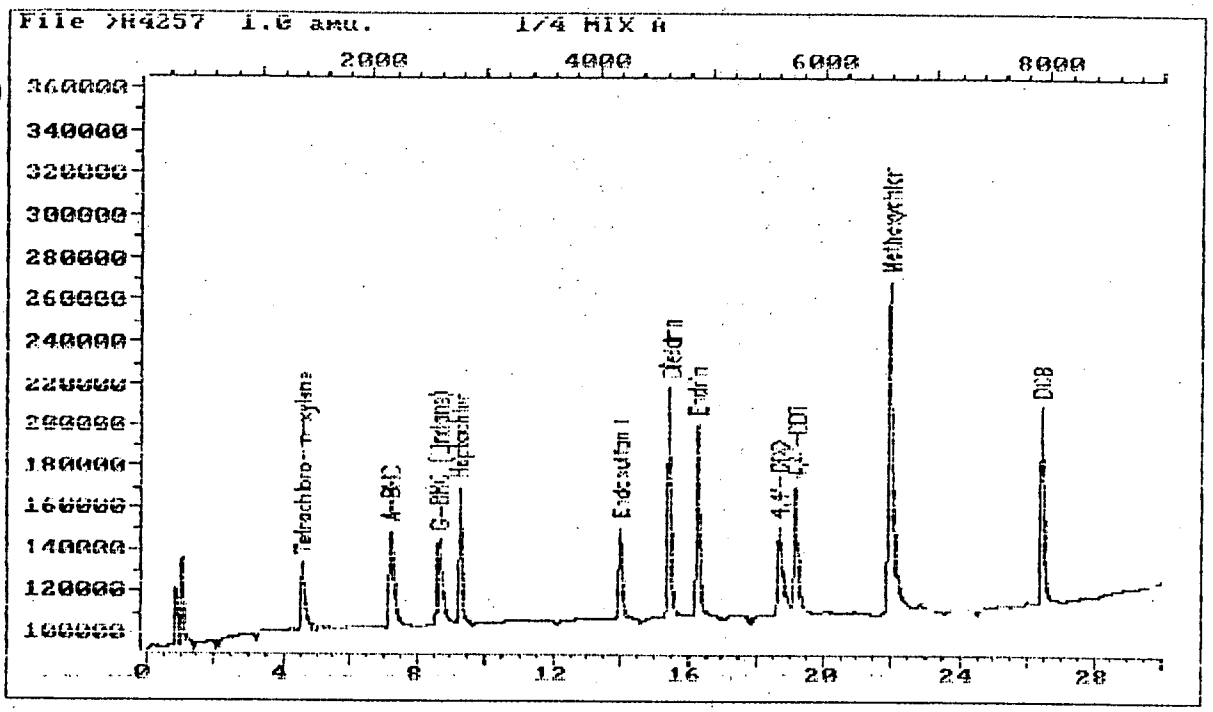
Operator ID: CLIFF
Quant Time : 990929 11:03
Injected at: 990929 03:03

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:14
Output File: ^H4257::QT Injected at: 990929 03:40
Data File: >H4257::G1 Dilution Factor: 1.00000
Name: 1/4 MIX A Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.58	1373	277005	277005.0	NO	CALIB100
2)	#A-BHC	7.18	2155	399166	399166.0	NO	CALIB100
3)	#G-BHC (Lindane)	8.63	2588	386716	386716.0	NO	CALIB100
4)	#Heptachlor	9.21	2764	409339	409339.0	NO	CALIB100
9)	#Endosulfan I	13.98	4193	277334M	277334.0	NO	CALIB100
13)	#Dieldrin	15.44	4631	734894	734894.0	NO	CALIB100
14)	#Endrin	16.24	4873	629959	629959.0	NO	CALIB100
16)	#4,4'-DDD	18.65	5595	434743	434743.0	NO	CALIB100
17)	#4,4'-DDT	19.18	5755	439267M	439267.0	NO	CALIB
20)	#Methoxychlor	21.93	6578	1665031	1665031.	NO	CALIB100
25)	#DCB	26.43	7928	749730	749730.0	NO	CALIB100

Compound uses ESTD



Data File: >H4257::G1 Quant Output File: ^H4257::QT
Name: 1/4 MIX A Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

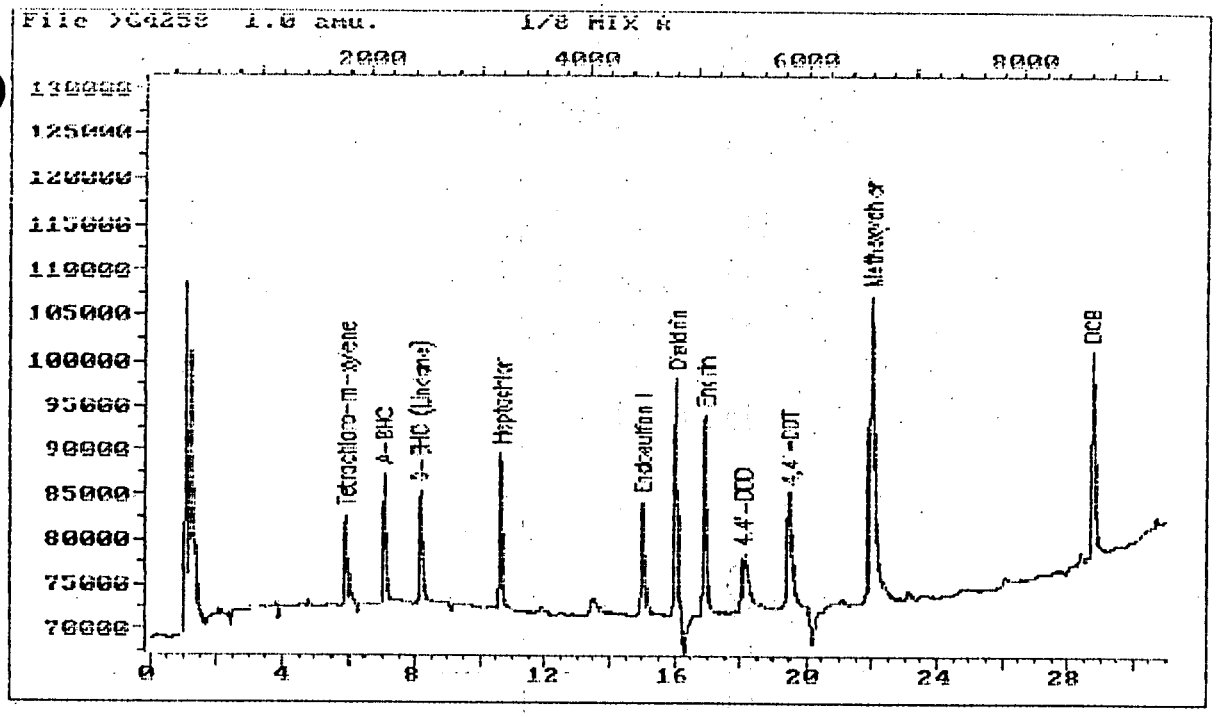
Operator ID: CLIFF
Quant Time : 990929 12:14
Injected at: 990929 03:40

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 11:05
Output File: ^G4258::QT Injected at: 990929 03:40
Data File: >G4258::G1 Dilution Factor: 1.00000
Name: 1/8 MIX A Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.88	1764	52996M	52996.00	NO	CALIB100
2)	#A-BHC	7.06	2118	87016	87016.00	NO	CALIB100
4)	#G-BHC (Lindane)	8.15	2445	82377	82377.00	NO	CALIB100
6)	#Heptachlor	10.63	3188	89747	89747.00	NO	CALIB100
10)	#Endosulfan I	14.96	4489	78027	78027.00	NO	CALIB100
12)	#Dieldrin	16.01	4803	164537M	164537.0	NO	CALIB100
14)	#Endrin	16.87	5062	128275	128275.0	NO	CALIB100
16)	#4,4'-DDD	18.06	5418	87289	87289.00	NO	CALIB100
19)	#4,4'-DDT	19.46	5839	104311	104311.0	NO	CALIB100
21)	#Methoxychlor	21.98	6593	378096	378096.0	NO	CALIB100
25)	#DCB	28.72	8617	152671M	152671.0	NO	CALIB100

Compound uses ESTD



Data File: >G4258::G1 Quant Output File: ^G4258::QT
Name: 1/8 MIX A Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

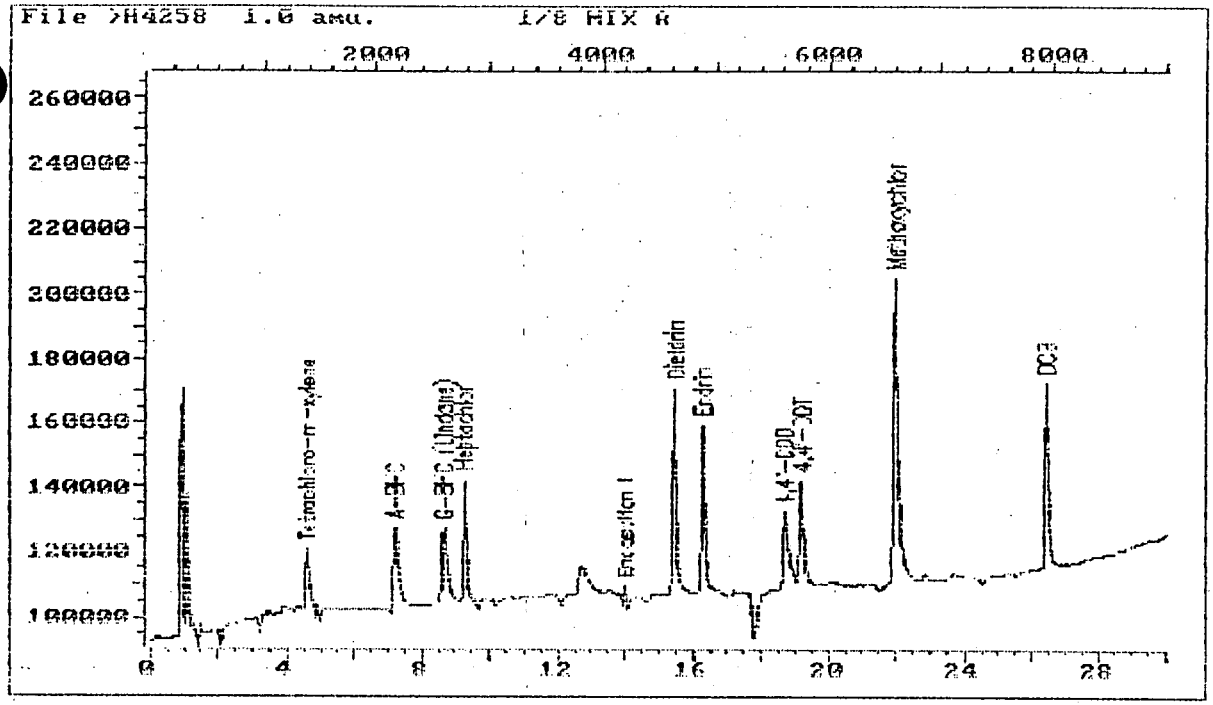
Operator ID: CLIFF
Quant Time : 990929 11:05
Injected at: 990929 03:40

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:15
Output File: ^H4258::QT Injected at: 990929 04:17
Data File: >H4258::G1 Dilution Factor: 1.00000
Name: 1/8 MIX A Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.58	1374	164515	164515.0	NO	CALIB100
2)	#A-BHC	7.19	2156	216523M	216523.0	NO	CALIB100
3)	#G-BHC (Lindane)	8.63	2588	213421M	213421.0	NO	CALIB100
4)	#Heptachlor	9.21	2763	201460M	201460.0	NO	CALIB100
9)	#Endosulfan I	13.98	4193	121138M	121138.0	NO	CALIB100
13)	#Dieldrin	15.43	4630	407842	407842.0	NO	CALIB100
14)	#Endrin	16.24	4872	354878	354878.0	NO	CALIB100
16)	#4,4'-DDD	18.66	5597	238781M	238781.0	NO	CALIB
17)	#4,4'-DDT	19.19	5756	256096	256096.0	NO	CALIB100
20)	#Methoxychlor	21.93	6580	902487M	902487.0	NO	CALIB100
25)	#DCB	26.43	7928	450895	450895.0	NO	CALIB100

Compound uses ESTD



Data File: >H4258::G1 Quant Output File: ^H4258::QT
Name: 1/8 MIX A Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

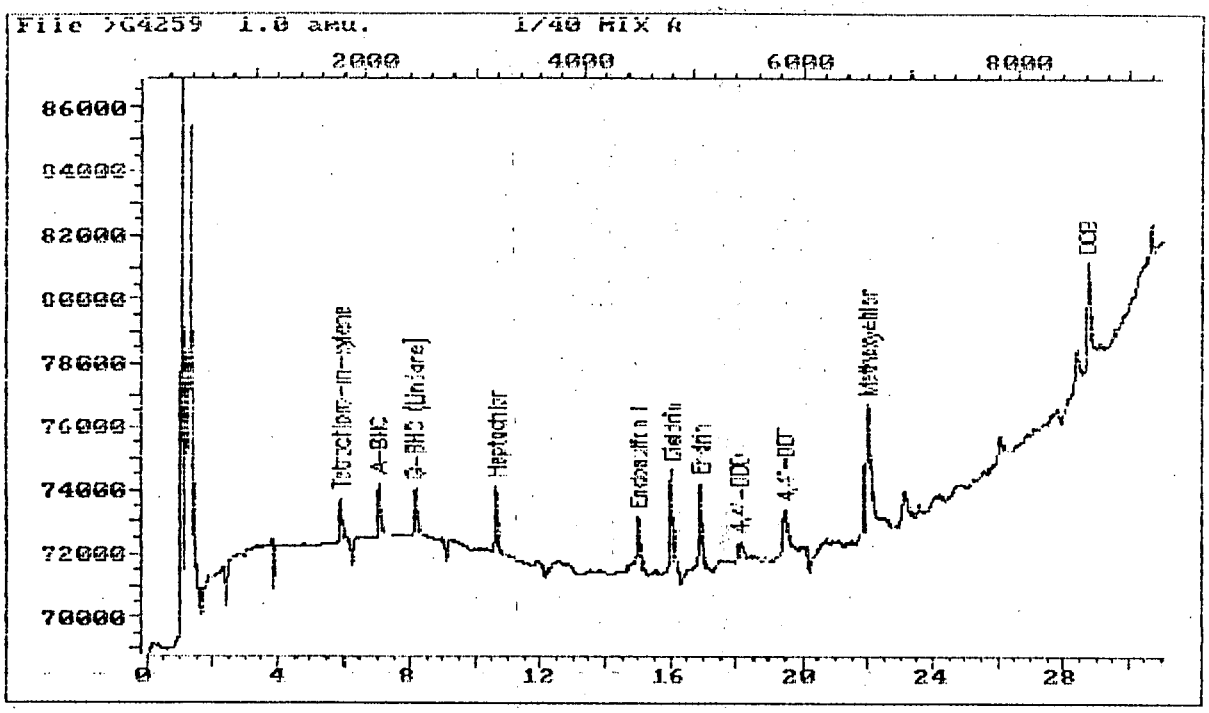
Operator ID: CLIFF
Quant Time : 990929 12:15
Injected at: 990929 04:17

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 11:07
Output File: ^G4259::QT Injected at: 990929 04:17
Data File: >G4259::G1 Dilution Factor: 1.00000
Name: 1/40 MIX A Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.88	1763	7933M	7933.00	NO	CALIB100
2)	#A-BHC	7.06	2117	11373M	11373.00	NO	CALIB100
4)	#G-BHC (Lindane)	8.15	2444	11084M	11084.00	NO	CALIB100
6)	#Heptachlor	10.62	3186	10731	10731.00	NO	CALIB100
10)	#Endosulfan I	14.95	4486	13707	13707.00	NO	CALIB100
12)	#Dieldrin	16.00	4801	29329	29329.00	NO	CALIB100
14)	#Endrin	16.87	5060	17140	17140.00	NO	CALIB100
16)	#4,4'-DDD	18.06	5417	14460M	14460.00	NO	CALIB
19)	#4,4'-DDT	19.46	5839	16843M	16843.00	NO	CALIB100
21)	#Methoxychlor	21.98	6595	46812M	46812.00	NO	CALIB100
25)	#DCB	28.72	8616	24379M	24379.00	NO	CALIB

Compound uses ESTD



Data File: >G4259::G1 Quant Output File: ^G4259::QT
Name: 1/40 MIX A Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

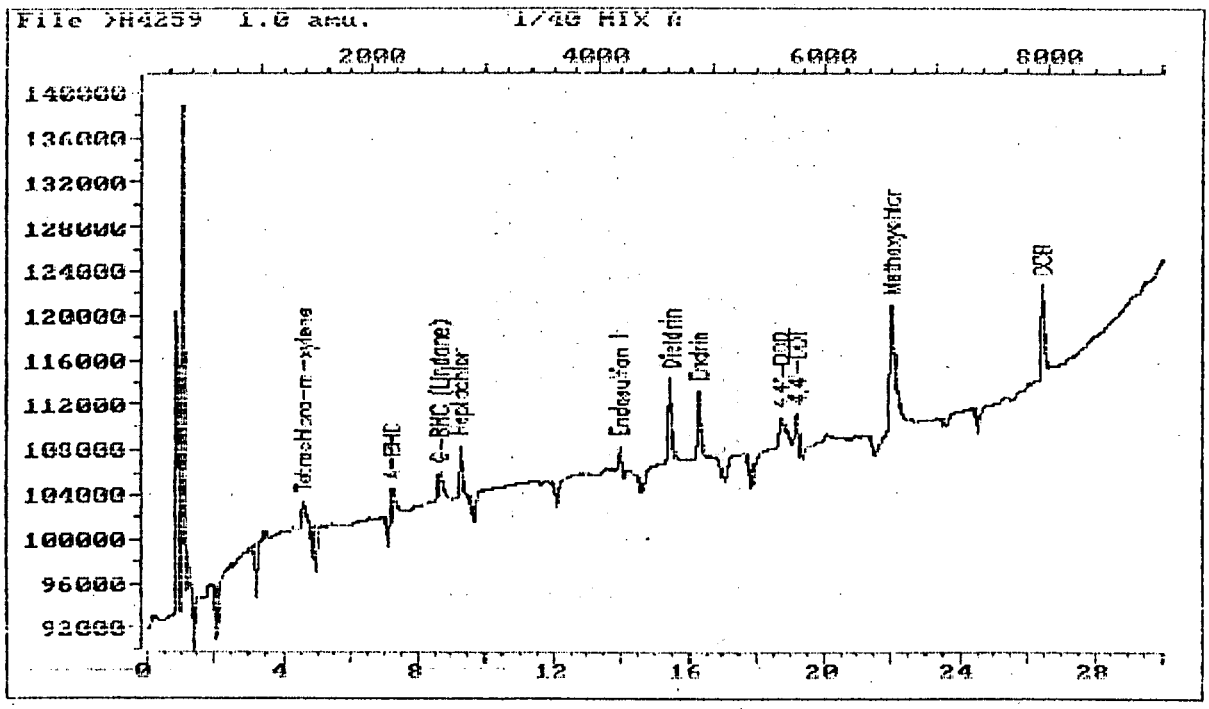
Operator ID: CLIFF
Quant Time : 990929 11:07
Injected at: 990929 04:17

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:17
Output File: ^H4259::QT Injected at: 990929 04:54
Data File: >H4259::G1 Dilution Factor: 1.00000
Name: 1/40 MIX A Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.58	1375	23193	23193.00	NO	CALIB100
2)	#A-BHC	7.20	2160	34915M	34915.00	NO	CALIB100
3)	#G-BHC (Lindane)	8.63	2588	29519M	29519.00	NO	CALIB100
4)	#Heptachlor	9.21	2763	29007M	29007.00	NO	CALIB100
9)	#Endosulfan I	13.96	4187	20990M	20990.00	NO	CALIB
13)	#Dieldrin	15.44	4631	54157M	54157.00	NO	CALIB100
14)	#Endrin	16.25	4874	45144M	45144.00	NO	CALIB100
16)	#4,4'-DDD	18.70	5611	34633M	34633.00	NO	CALIB
17)	#4,4'-DDT	19.20	5759	33479M	33479.00	NO	CALIB100
20)	#Methoxychlor	21.98	6593	134328M	134328.0	NO	CALIB
25)	#DCB	26.43	7930	69518M	69518.00	NO	CALIB100

Compound uses ESTD



Data File: >H4259::G1 Quant Output File: ^H4259::QT
Name: 1/40 MIX A Instrument ID: H
Misc:

Id File: IDPSTS::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

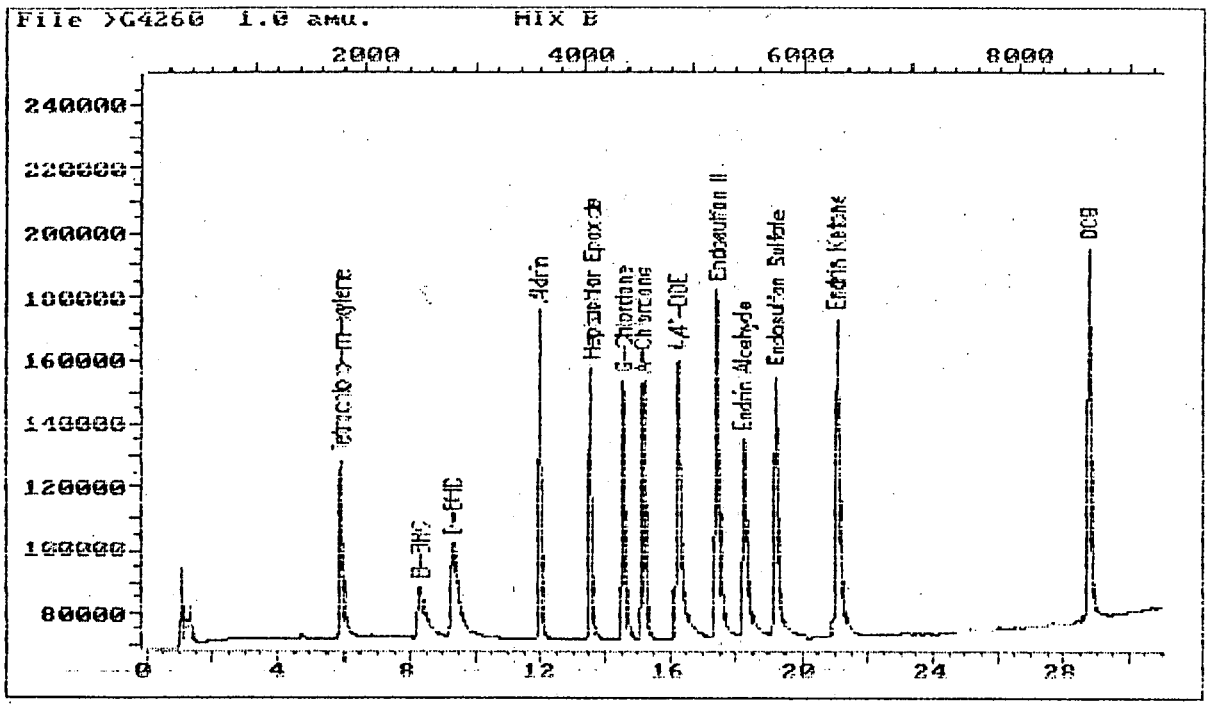
Operator ID: CLIFF
Quant Time : 990929 12:17
Injected at: 990929 04:54

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 11:09
Output File: ^G4260::QT Injected at: 990929 04:54
Data File: >G4260::G1 Dilution Factor: 1.00000
Name: MIX B Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.88	1763	352361	352361.0	NO	CALIB100
3)	#B-BHC	8.29	2486	232718	232718.0	NO	CALIB100
5)	#D-BHC	9.29	2786	401435	401435.0	NO	CALIB100
7)	#Aldrin	11.92	3575	559922	559922.0	NO	CALIB100
8)	#Heptachlor Epoxide	13.52	4057	513070	513070.0	NO	CALIB100
9)	#G-Chlordane	14.51	4354	518632	518632.0	NO	CALIB100
11)	#A-Chlordane	15.11	4533	502996	502996.0	NO	CALIB100
13)	#4,4'-DDE	16.21	4863	931522	931522.0	NO	CALIB100
15)	#Endosulfan II	17.37	5212	896357	896357.0	NO	CALIB100
17)	#Endrin Aldehyde	18.18	5454	618525	618525.0	NO	CALIB100
18)	#Endosulfan Sulfate	19.18	5754	715559	715559.0	NO	CALIB100
20)	#Endrin Ketone	21.01	6302	949234	949234.0	NO	CALIB100
25)	#DCB	28.72	8615	911187	911187.0	NO	CALIB100

Compound uses ESTD



Data File: >G4260::G1 Quant Output File: ^G4260::QT
Name: MIX B Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

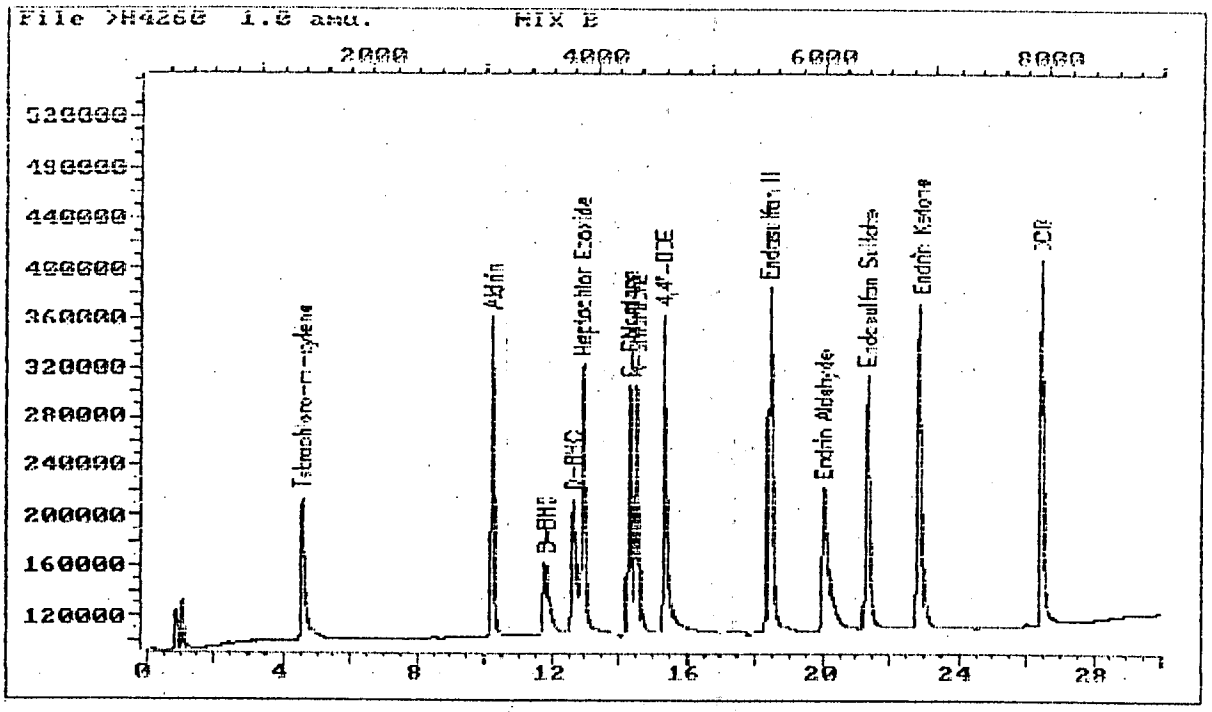
Operator ID: CLIFF
Quant Time : 990929 11:09
Injected at: 990929 04:54

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:18
Output File: ^H4260::QT Injected at: 990929 05:31
Data File: >H4260::G1 Dilution Factor: 1.00000
Name: MIX B Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.56	1369	921923	921923.0	NO	CALIB100
5)	#Aldrin	10.20	3061	1450874	1450874.	NO	CALIB100
6)	#B-BHC	11.81	3543	701044	701044.0	NO	CALIB100
7)	#D-BHC	12.62	3787	978894	978894.0	NO	CALIB100
8)	#Heptachlor Epoxide	12.89	3866	1516770	1516770.	NO	CALIB100
10)	#G-Chlordane	14.28	4283	1281477	1281477.	NO	CALIB100
11)	#A-Chlordane	14.49	4346	1385915	1385915.	NO	CALIB100
12)	#4,4'-DDE	15.28	4585	2458308	2458308.	NO	CALIB100
15)	#Endosulfan II	18.38	5514	2293188	2293188.	NO	CALIB100
18)	#Endrin Aldehyde	20.01	6004	1603175	1603175.	NO	CALIB100
19)	#Endosulfan Sulfate	21.30	6391	1647550	1647550.	NO	CALIB100
21)	#Endrin Ketone	22.84	6853	2197994	2197994.	NO	CALIB100
25)	#DCB	26.42	7926	2310685	2310685.	NO	CALIB100

Compound uses ESTD



Data File: >H4260::G1 Quant Output File: ^H4260::QT
Name: MIX B Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

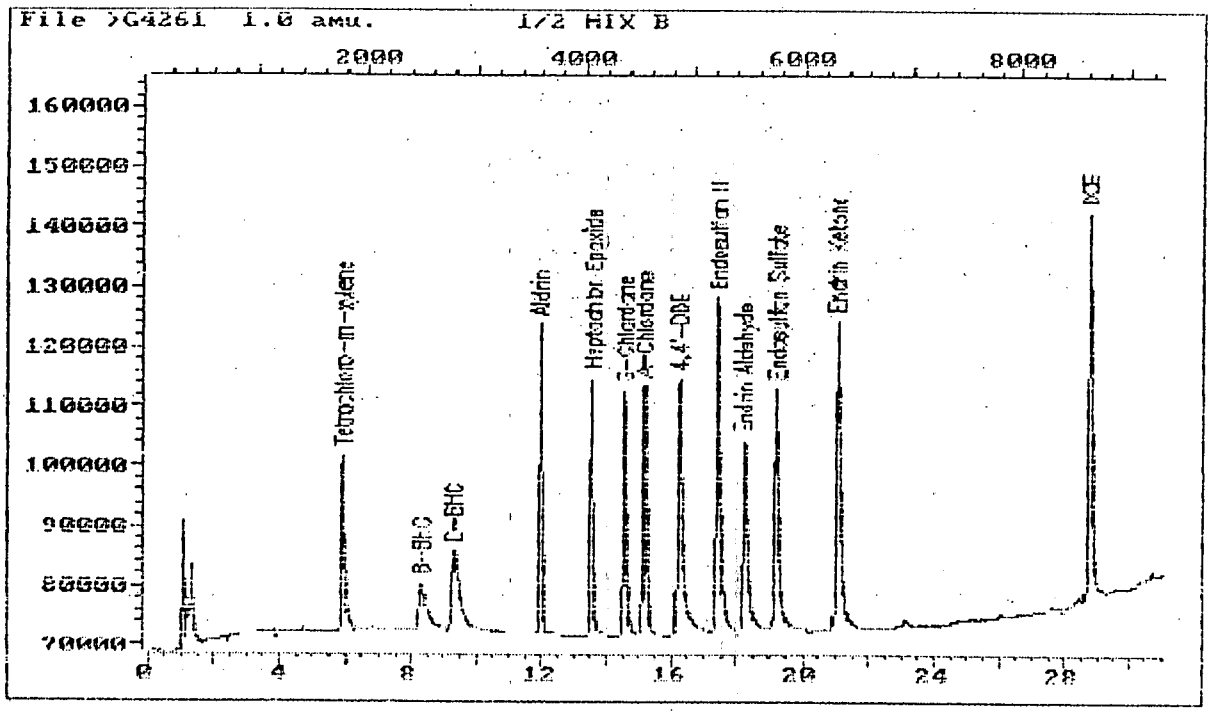
Operator ID: CLIFF
Quant Time : 990929 12:18
Injected at: 990929 05:31

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 11:11
Output File: ^G4261::QT Injected at: 990929 05:31
Data File: >G4261::G1 Dilution Factor: 1.00000
Name: 1/2 MIX B Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.88	1763	183975	183975.0	NO	CALIB100
3)	#B-BHC	8.29	2487	112626M	112626.0	NO	CALIB
5)	#D-BHC	9.29	2786	205123	205123.0	NO	CALIB100
7)	#Aldrin	11.92	3575	273437	273437.0	NO	CALIB100
8)	#Heptachlor Epoxide	13.52	4057	259145	259145.0	NO	CALIB100
9)	#G-Chlordane	14.51	4354	259371	259371.0	NO	CALIB100
11)	#A-Chlordane	15.11	4533	256213	256213.0	NO	CALIB100
13)	#4,4'-DDE	16.22	4865	456336	456336.0	NO	CALIB100
15)	#Endosulfan II	17.37	5212	461808	461808.0	NO	CALIB100
17)	#Endrin Aldehyde	18.18	5454	314849	314849.0	NO	CALIB100
18)	#Endosulfan Sulfate	19.18	5755	351327	351327.0	NO	CALIB100
20)	#Endrin Ketone	21.01	6303	480823	480823.0	NO	CALIB100
25)	#DCB	28.72	8616	493179	493179.0	NO	CALIB100

Compound uses ESTD



Data File: >G4261::G1 Quant Output File: ^G4261::QT
Name: 1/2 MIX B Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

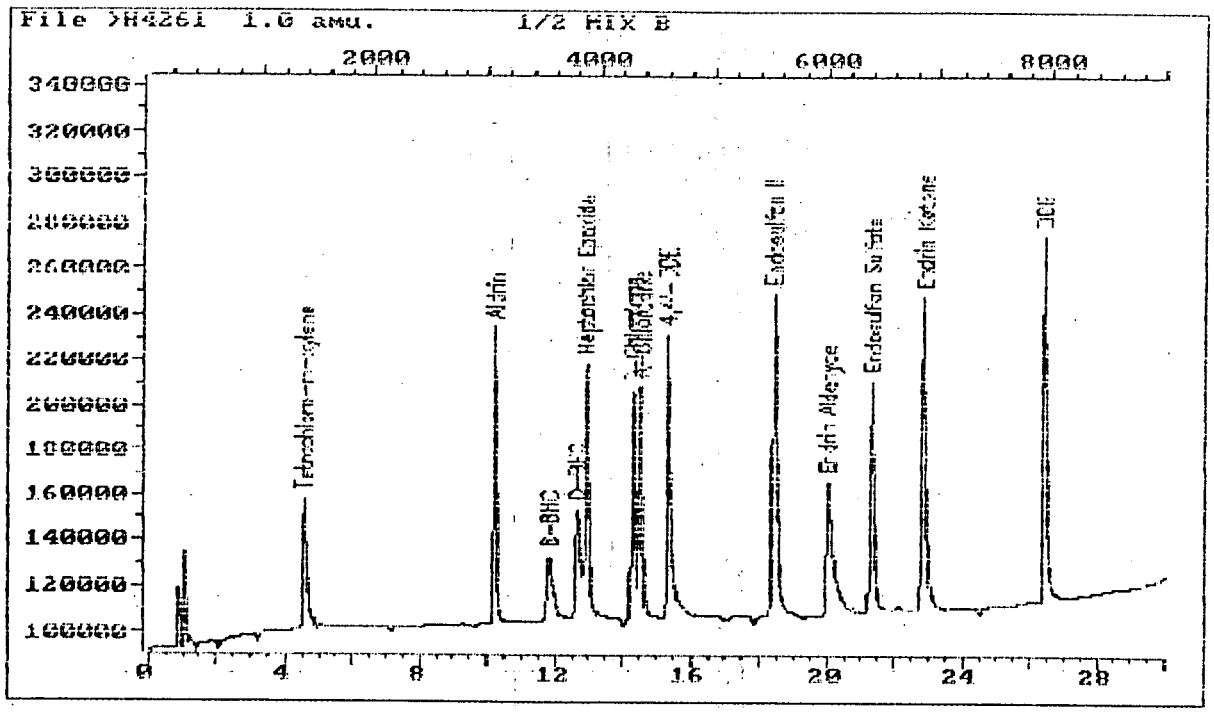
Operator ID: CLIFF
Quant Time : 990929 11:11
Injected at: 990929 05:31

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:20
Output File: ^H4261::QT Injected at: 990929 06:08
Data File: >H4261::G1 Dilution Factor: 1.00000
Name: 1/2 MIX B Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.57	1371	491005	491005.0	NO	CALIB100
5)	#Aldrin	10.20	3061	735347	735347.0	NO	CALIB100
6)	#B-BHC	11.83	3550	322996	322996.0	NO	CALIB100
7)	#D-BHC	12.64	3793	451828	451828.0	NO	CALIB100
8)	#Heptachlor Epoxide	12.89	3866	793741	793741.0	NO	CALIB100
10)	#G-Chlordane	14.28	4283	687720	687720.0	NO	CALIB100
11)	#A-Chlordane	14.49	4347	705323	705323.0	NO	CALIB100
12)	#4,4'-DDE	15.30	4590	1257307	1257307.	NO	CALIB100
15)	#Endosulfan II	18.39	5516	1124835	1124835.	NO	CALIB100
18)	#Endrin Aldehyde	20.02	6005	829928	829928.0	NO	CALIB100
19)	#Endosulfan Sulfate	21.31	6393	824711	824711.0	NO	CALIB100
21)	#Endrin Ketone	22.85	6855	1168019	1168019.	NO	CALIB100
25)	#DCB	26.42	7926	1280162	1280162.	NO	CALIB100

Compound uses ESTD



Data File: >H4261::G1 Quant Output File: ^H4261::QT
Name: 1/2 MIX B Instrument ID: H
Misc:

Id File: IDFST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

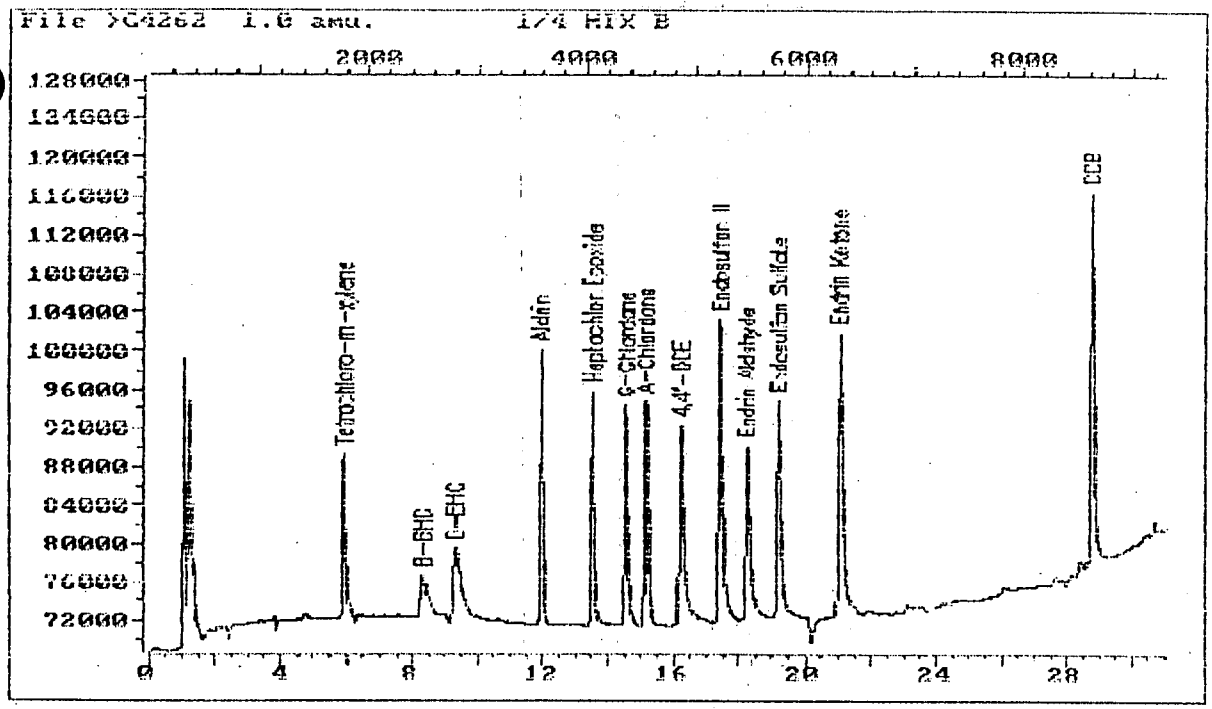
Operator ID: CLIFF
Quant Time : 990929 12:20
Injected at: 990929 06:08

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 11:13
Output File: ^G4262::QT Injected at: 990929 06:08
Data File: >G4262::G1 Dilution Factor: 1.00000
Name: 1/4 MIX B Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.88	1763	115259	115259.0	NO	CALIB100
3)	#B-BHC	8.29	2488	44191M	44191.00	NO	CALIB
5)	#D-BHC	9.29	2787	90508M	90508.00	NO	CALIB
7)	#Aldrin	11.91	3574	153749	153749.0	NO	CALIB100
8)	#Heptachlor Epoxide	13.52	4056	143712	143712.0	NO	CALIB100
9)	#G-Chlordane	14.51	4353	147374	147374.0	NO	CALIB100
11)	#A-Chlordane	15.11	4532	140660	140660.0	NO	CALIB100
13)	#4,4'-DDE	16.21	4862	200275	200275.0	NO	CALIB100
15)	#Endosulfan II	17.37	5212	259588	259588.0	NO	CALIB100
17)	#Endrin Aldehyde	18.18	5455	179915	179915.0	NO	CALIB100
18)	#Endosulfan Sulfate	19.18	5754	181972	181972.0	NO	CALIB100
20)	#Endrin Ketone	21.01	6303	260197	260197.0	NO	CALIB100
25)	#DCB	28.72	8616	298469	298469.0	NO	CALIB100

Compound uses ESTD



Data File: >G4262::G1 Quant Output File: ^G4262::QT
Name: 1/4 MIX B Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

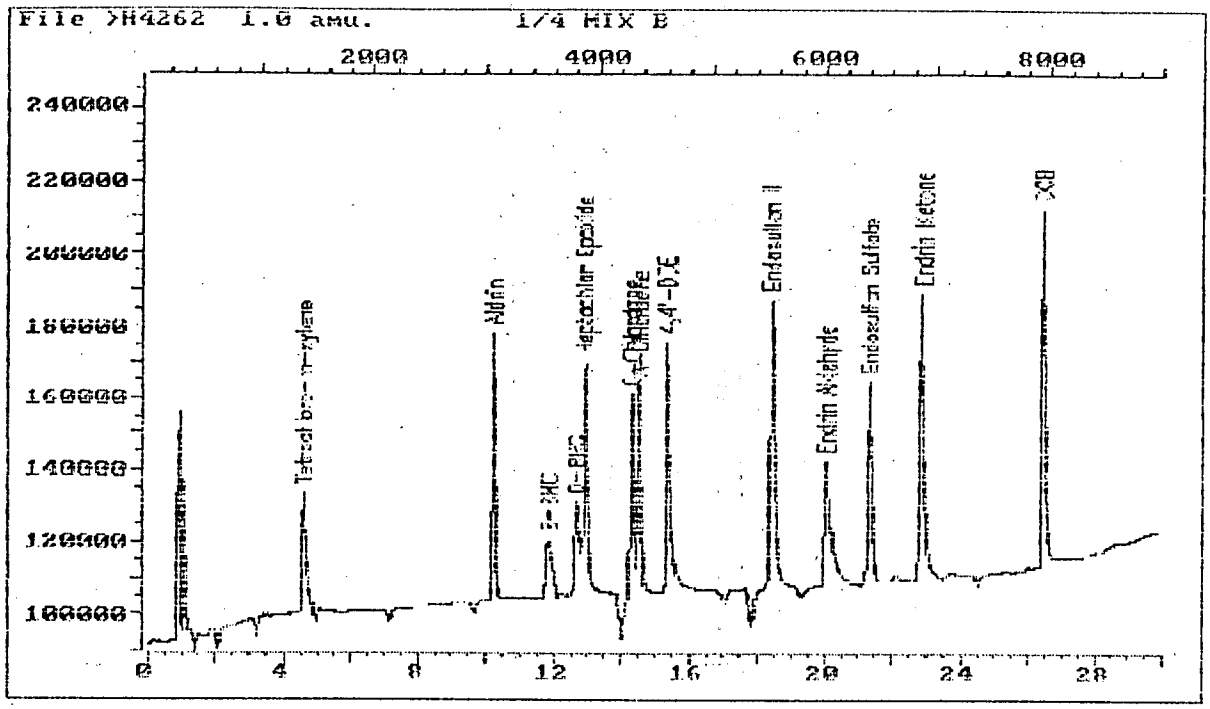
Operator ID: CLIFF
Quant Time : 990929 11:13
Injected at: 990929 06:08

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:21
Output File: ^H4262::QT Injected at: 990929 06:44
Data File: >H4262::G1 Dilution Factor: 1.00000
Name: 1/4 MIX B Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.57	1372	288627	288627.0	NO	CALIB100
5)	#Aldrin	10.20	3061	405656	405656.0	NO	CALIB100
6)	#B-BHC	11.85	3555	161799M	161799.0	NO	CALIB100
7)	#D-BHC	12.65	3795	242452	242452.0	NO	CALIB100
8)	#Heptachlor Epoxide	12.89	3866	454604	454604.0	NO	CALIB100
10)	#G-Chlordane	14.28	4284	397639M	397639.0	NO	CALIB100
11)	#A-Chlordane	14.49	4346	356023	356023.0	NO	CALIB100
12)	#4,4'-DDE	15.31	4592	715121	715121.0	NO	CALIB100
15)	#Endosulfan II	18.39	5517	682545M	682545.0	NO	CALIB100
18)	#Endrin Aldehyde	20.02	6007	466659	466659.0	NO	CALIB100
19)	#Endosulfan Sulfate	21.31	6394	442038	442038.0	NO	CALIB100
21)	#Endrin Ketone	22.86	6857	678206	678206.0	NO	CALIB100
25)	#DCB	26.43	7928	776740	776740.0	NO	CALIB100

Compound uses ESTD



Data File: >H4262::G1 Quant Output File: ^H4262::QT
Name: 1/4 MIX B Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

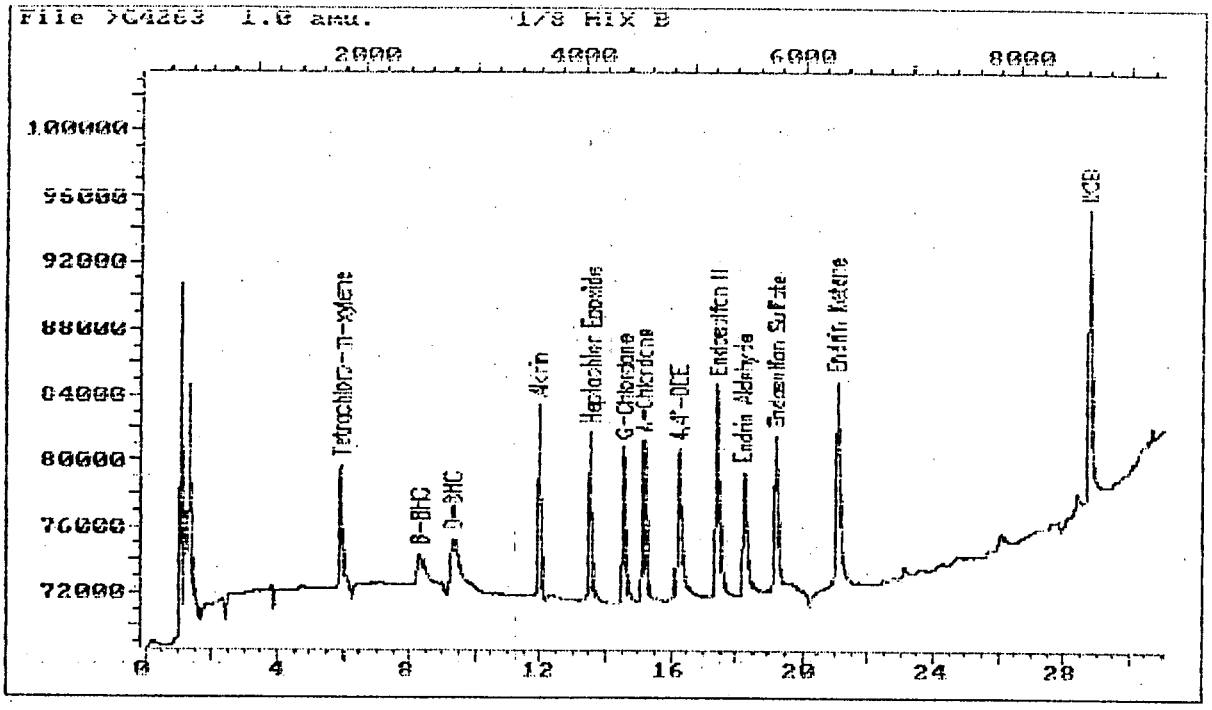
Operator ID: CLIFF
Quant Time : 990929 12:21
Injected at: 990929 06:44

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 11:14
Output File: ^G4263::QT Injected at: 990929 06:44
Data File: >G4263::G1 Dilution Factor: 1.00000
Name: 1/8 MIX B Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.88	1763	60270	60270.00	NO	CALIB100
3)	#B-BHC	8.30	2489	27751M	27751.00	NO	CALIB
5)	#D-BHC	9.29	2788	32787M	32787.00	NO	CALIB
7)	#Aldrin	11.91	3574	66923	66923.00	NO	CALIB100
8)	#Heptachlor Epoxide	13.52	4056	58990	58990.00	NO	CALIB100
9)	#G-Chlordane	14.51	4353	60606	60606.00	NO	CALIB100
11)	#A-Chlordane	15.11	4532	58945	58945.00	NO	CALIB100
13)	#4,4'-DDE	16.21	4863	87636	87636.00	NO	CALIB100
15)	#Endosulfan II	17.37	5212	104659	104659.0	NO	CALIB100
17)	#Endrin Aldehyde	18.18	5454	79046	79046.00	NO	CALIB100
18)	#Endosulfan Sulfate	19.18	5754	75114	75114.00	NO	CALIB100
20)	#Endrin Ketone	21.01	6303	105450	105450.0	NO	CALIB100
25)	#DCB	28.72	8616	124880	124880.0	NO	CALIB100

Compound uses ESTD



Data File: >G4263::G1 Quant Output File: ^G4263::QT
Name: 1/8 MIX B Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

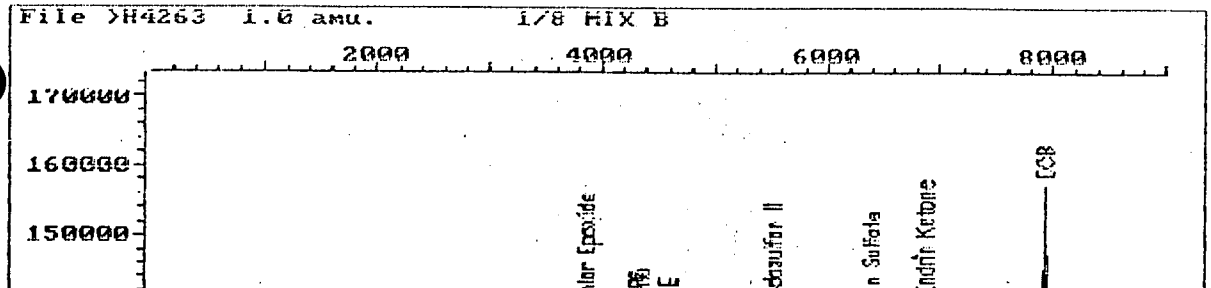
Operator ID: CLIFF
Quant Time : 990929 11:14
Injected at: 990929 06:44

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:23
Output File: ^H4263::QT Injected at: 990929 07:21
Data File: >H4263::G1 Dilution Factor: 1.00000
Name: 1/8 MIX B Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.58	1374	123863	123863.0	NO	CALIB100
5)	#Aldrin	10.20	3060	165056	165056.0	NO	CALIB100
6)	#B-BHC	11.86	3559	59927M	59927.00	NO	CALIB
7)	#D-BHC	12.67	3801	85195	85195.00	NO	CALIB100
8)	#Heptachlor Epoxide	12.89	3866	178210	178210.0	NO	CALIB100
10)	#G-Chlordane	14.28	4283	204222	204222.0	NO	CALIB100
11)	#A-Chlordane	14.48	4345	147199	147199.0	NO	CALIB100
12)	#4,4'-DDE	15.33	4598	291308	291308.0	NO	CALIB100
15)	#Endosulfan II	18.39	5518	241570	241570.0	NO	CALIB100
18)	#Endrin Aldehyde	20.02	6007	179664	179664.0	NO	CALIB100
19)	#Endosulfan Sulfate	21.31	6394	176622	176622.0	NO	CALIB100
21)	#Endrin Ketone	22.86	6857	278506	278506.0	NO	CALIB100
25)	#DCB	26.43	7929	343055	343055.0	NO	CALIB100

Compound uses ESTD



Data File: >H4263::G1 Quant Output File: ^H4263::QT
Name: 1/8 MIX B Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

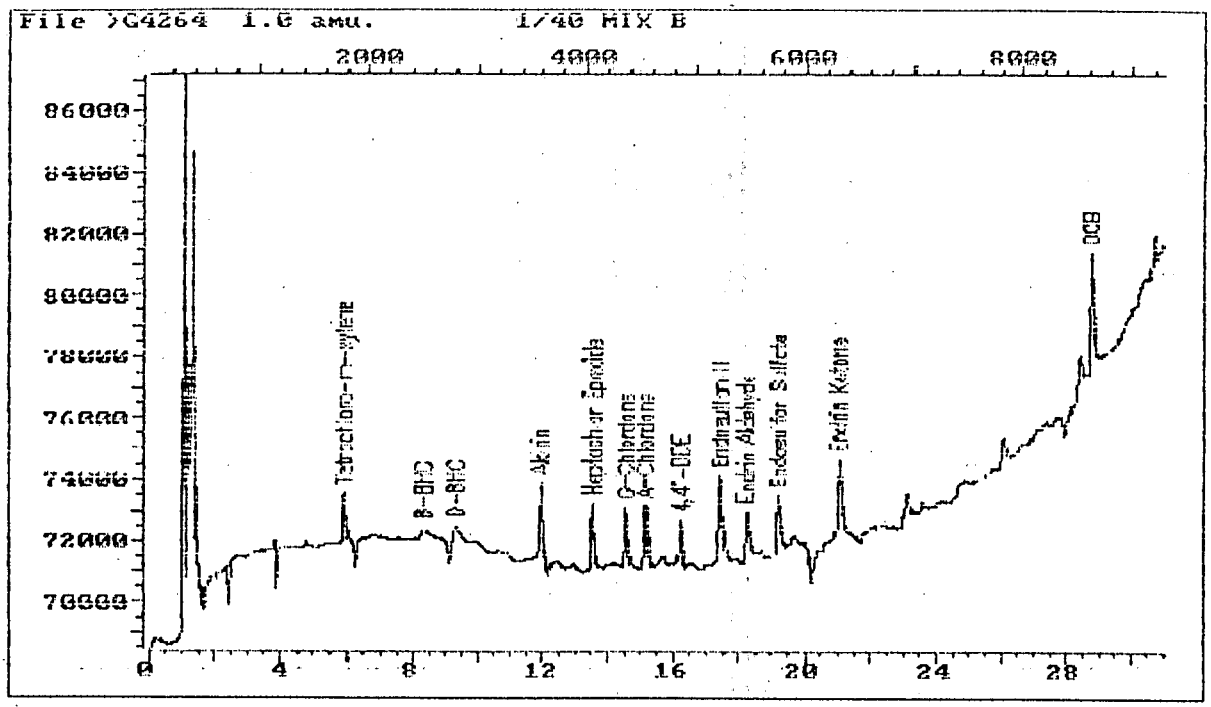
Operator ID: CLIFF
Quant Time : 990929 12:23
Injected at: 990929 07:21

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 11:16
Output File: ^G4264::QT Injected at: 990929 07:21
Data File: >G4264::G1 Dilution Factor: 1.00000
Name: 1/40 MIX B Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.87	1762	7808	7808.00	NO	CALIB100
3)	#B-BHC	8.29	2487	4277M	4277.00	NO	CALIB
5)	#D-BHC	9.29	2787	8338M	8338.00	NO	CALIB100
7)	#Aldrin	11.91	3572	12577M	12577.00	NO	CALIB100
8)	#Heptachlor Epoxide	13.52	4055	13182	13182.00	NO	CALIB100
9)	#G-Chlordane	14.51	4352	11743	11743.00	NO	CALIB100
11)	#A-Chlordane	15.10	4531	11891	11891.00	NO	CALIB100
13)	#4,4'-DDE	16.19	4858	18434M	18434.00	NO	CALIB100
15)	#Endosulfan II	17.37	5210	21348	21348.00	NO	CALIB100
17)	#Endrin Aldehyde	18.18	5454	15228	15228.00	NO	CALIB100
18)	#Endosulfan Sulfate	19.18	5753	13377	13377.00	NO	CALIB100
20)	#Endrin Ketone	21.01	6303	20046M	20046.00	NO	CALIB
25)	#DCB	28.72	8616	20449	20449.00	NO	CALIB100

Compound uses ESTD



Data File: >G4264::G1 Quant Output File: ^G4264::QT
Name: 1/40 MIX B Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990929 10:50 Last Qcal Time: 990915 14:26

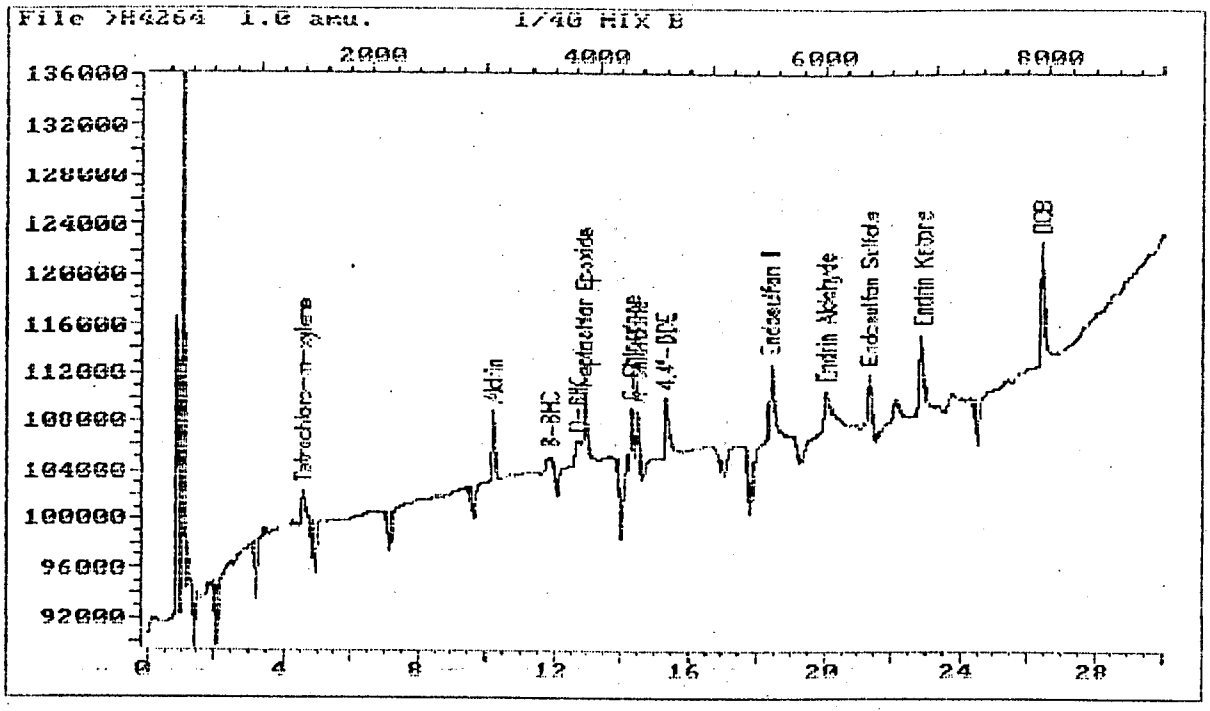
Operator ID: CLIFF
Quant Time : 990929 11:16
Injected at: 990929 07:21

or ID: CLIFF Quant Rev: 7 Quant Time: 990929 12:24
File: ^H4264::QT Injected at: 990929 07:58
ile: >H4264::G1 Dilution Factor: 1.00000
/40 MIX B Instrument ID: H

: IDPST8::G5
PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
alibration: 990929 10:51 Last Qcal Time: 990915 15:03

Compound	R.T.	Scan#	Area	Conc	Units	q
etrachloro-m-xylene	4.58	1375	26044	26044.00	NO	CALIB100
ldrin	10.20	3060	29652	29652.00	NO	CALIB100
-BHC	11.88	3563	13823M	13823.00	NO	CALIB
-BHC	12.69	3806	20882M	20882.00	NO	CALIB
eptachlor Epoxide	12.88	3865	31596	31596.00	NO	CALIB100
-Chlordane	14.28	4283	42664M	42664.00	NO	CALIB100
-Chlordane	14.48	4344	30661M	30661.00	NO	CALIB
,4'-DDE	15.33	4600	56093M	56093.00	NO	CALIB100
ndosulfan II	18.39	5518	56547M	56547.00	NO	CALIB
ndrin Aldehyde	20.04	6011	36123M	36123.00	NO	CALIB
ndosulfan Sulfate	21.31	6394	47904	47904.00	NO	CALIB100
ndrin Ketone	22.86	6859	46742	46742.00	NO	CALIB100
CB	26.43	7929	66986	66986.00	NO	CALIB100

ound uses ESTD



Data File: >H4264::G1 Quant Output File: ^H4264::QT
Name: 1/40 MIX B Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990929 10:51 Last Qcal Time: 990915 15:03

Operator ID: CLIFF
Quant Time : 990929 12:24
Injected at: 990929 07:58

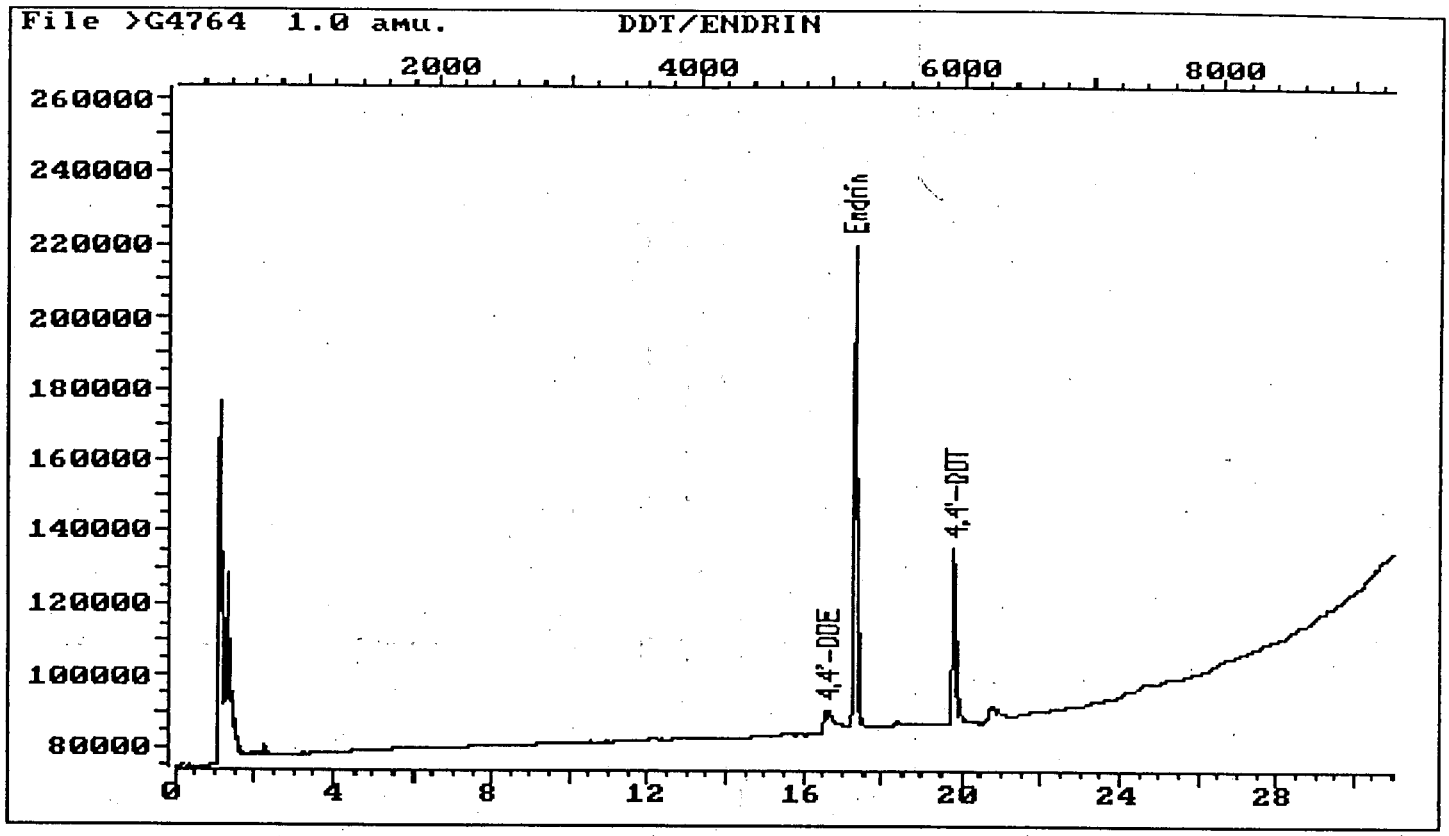
Operator ID: JEFF
Output File: ^G4764::QT
Data File: >G4764::G4
Name: DDT/ENDRIN
Misc:

Quant Rev: 7 Quant Time: 991210 12:42
Injected at: 991209 20:29
Dilution Factor: 1.00000
Instrument ID: G

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:53 Last Qcal Time: 991209 21:06

Compound	R.T.	Scan#	Area	Conc	Units	q
13) #4,4'-DDE	16.55	4966	54422M	.101	ug/l	100
14) #Endrin	17.26	5177	766251	1.26	ug/l	100
19) #4,4'-DDT	19.79	5936	297913	.662	ug/l	100

Compound uses ESTD



Data File: >G4764::G4 Quant Output File: ^G4764::QT
Name: DDT/ENDRIN Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:53 Last Qcal Time: 991209 21:06

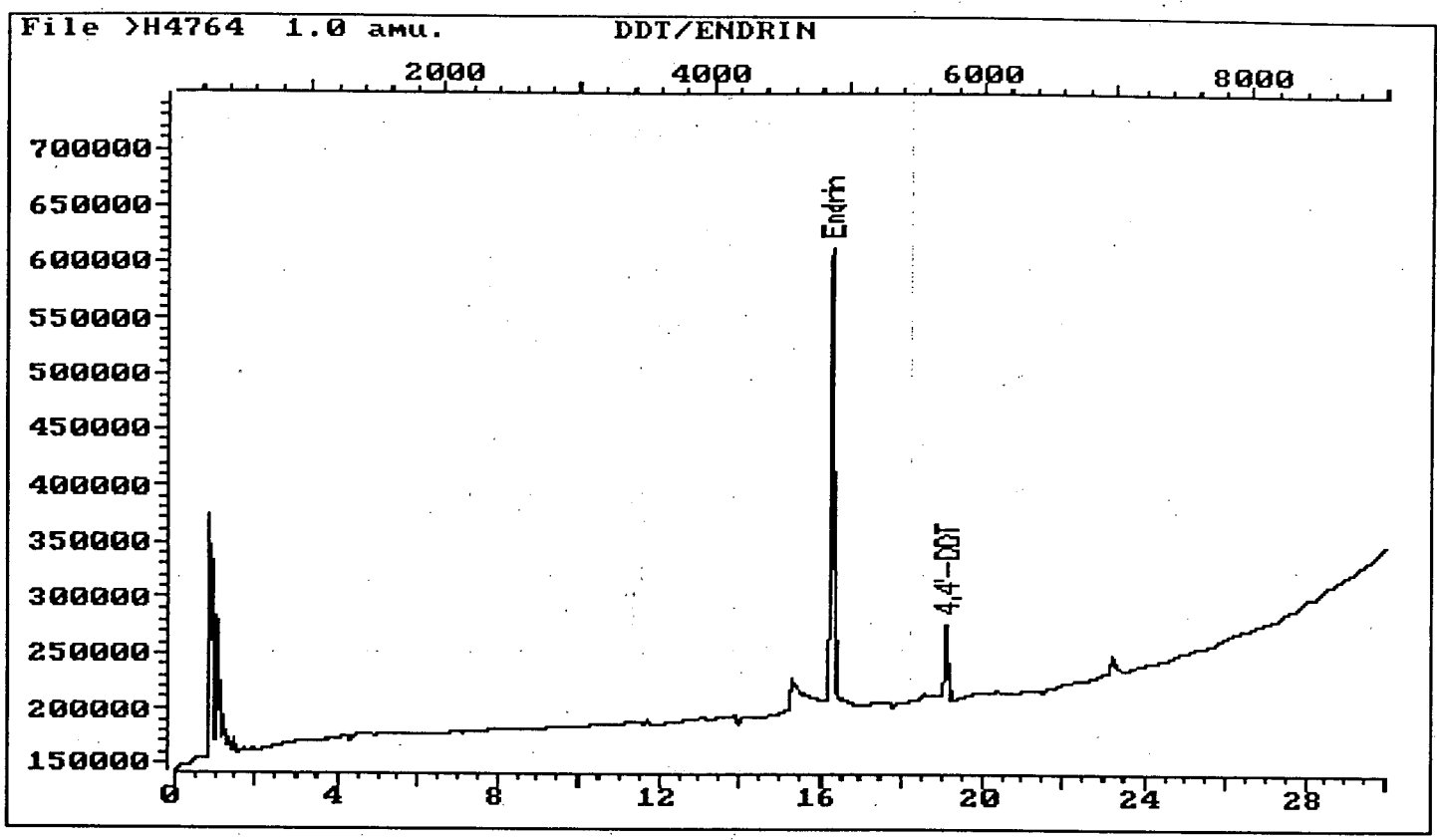
Operator ID: JEFF
Quant Time : 991210 12:42
Injected at: 991209 20:29

Operator ID: JEFF Quant Rev: 7 Quant Time: 991214 11:41
Output File: ^H4764::QT Injected at: 991209 21:06
Data File: >H4764::G4 Dilution Factor: 1.00000
Name: DDT/ENDRIN Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991129 12:51

Compound	R.T.	Scan#	Area	Conc	Units	q
14) #Endrin	16.25	4874	2405730	1.40	ug/l	100
17) #4,4'-DDT	19.11	5733	441349	.338	ug/l	100

Compound uses ESTD



Data File: >H4764::G4 Quant Output File: ^H4764::QT
Name: DDT/ENDRIN Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991129 12:51

Operator ID: JEFF
Quant Time : 991214 11:41
Injected at: 991209 21:06

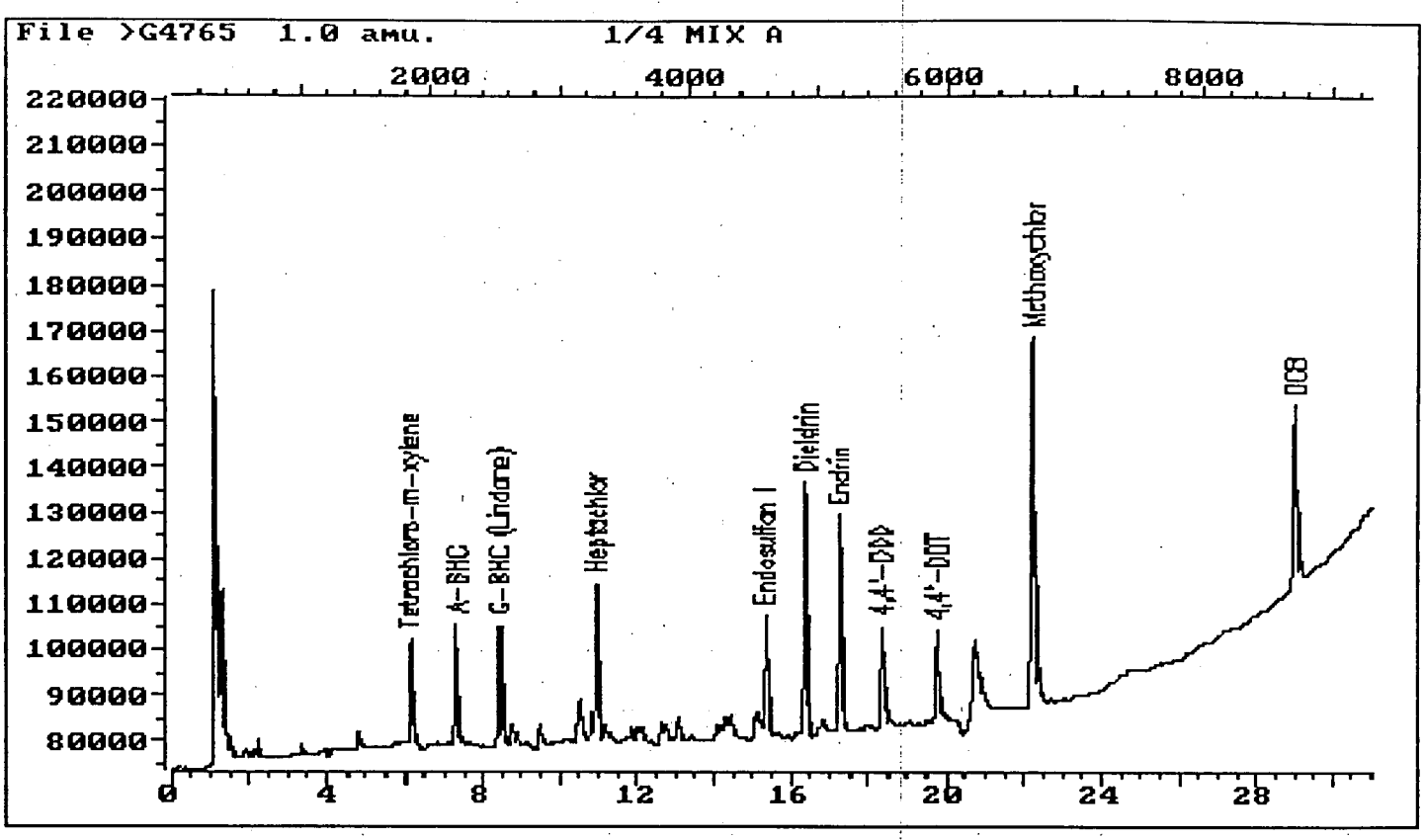
Operator ID: JEFF
Output File: ^G4765::QT
Data File: >G4765::G4
Name: 1/4 MIX A
Misc:

Quant Rev: 7 Quant Time: 991209 21:41
Injected at: 991209 21:06
Dilution Factor: 1.00000
Instrument ID: G

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:53 Last Qcal Time: 991129 12:13

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.10	1829	95716M	.209	ug/l	100
2)	#A-BHC	7.32	2195	163811M	.198	ug/l	
4)	#G-BHC (Lindane)	8.43	2529	138512M	.189	ug/l	
6)	#Heptachlor	10.93	3279	172631M	.209	ug/l	
10)	#Endosulfan I	15.29	4588	131868M	.209	ug/l	
12)	#Dieldrin	16.35	4904	290928M	.416	ug/l	
14)	#Endrin	17.21	5164	242788M	.416	ug/l	
16)	#4,4'-DDD	18.30	5491	191238M	.402	ug/l	
19)	#4,4'-DDT	19.75	5925	179970M	.398	ug/l	
21)	#Methoxychlor	22.23	6668	531541M	2.06	ug/l	
25)	#DCB	28.98	8695	262543M	.410	ug/l	100

Compound uses ESTD



Data File: >G4765::G4 Quant Output File: ^G4765::QT
Name: 1/4 MIX A Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:53 Last Qcal Time: 991129 12:13

Operator ID: JEFF
Quant Time : 991209 21:41
Injected at: 991209 21:06

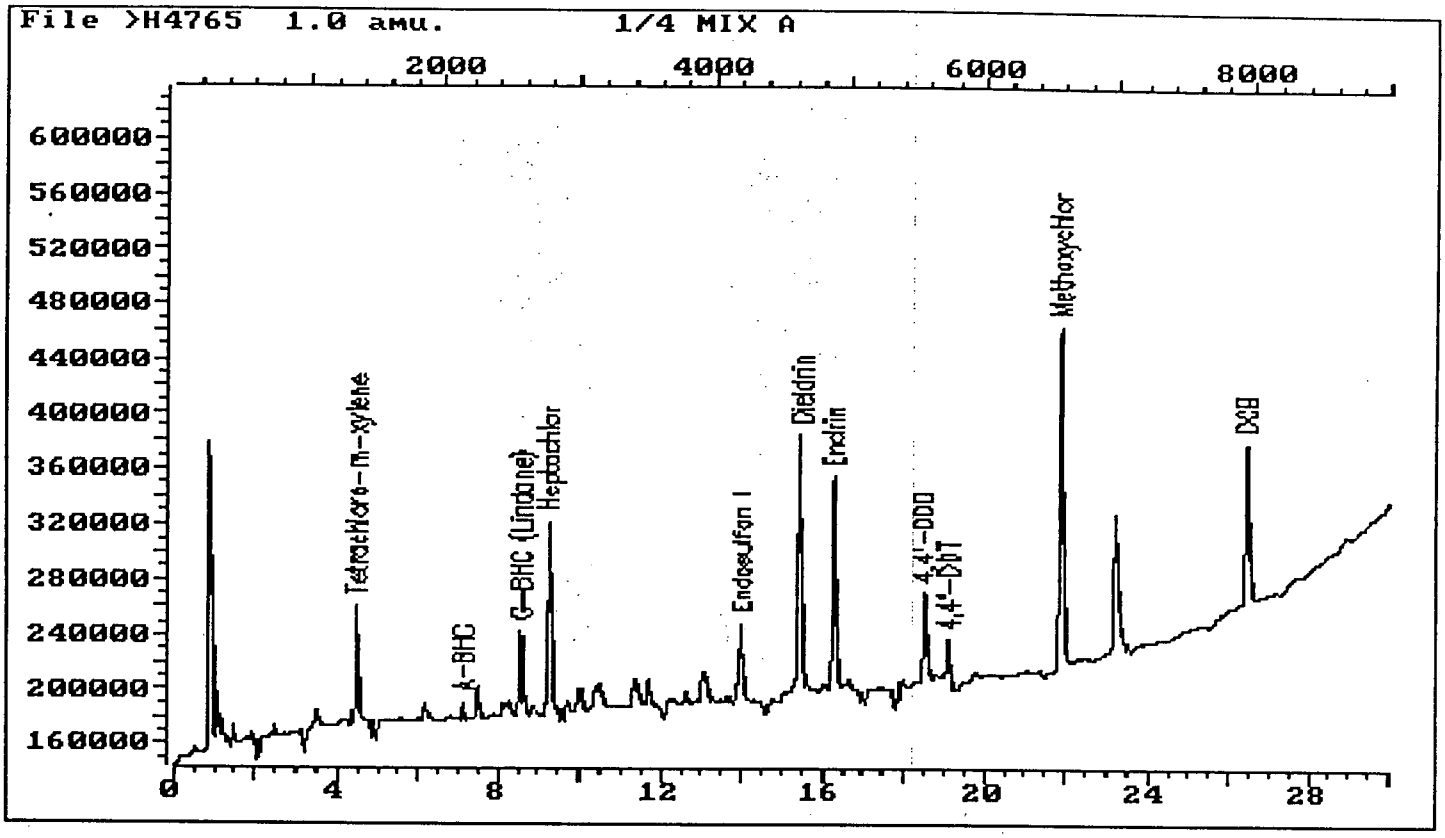
Operator ID: JEFF
Output File: ^H4765::QT
Data File: >H4765::G4
Name: 1/4 MIX A
Misc:

Quant Rev: 7 Quant Time: 991209 22:16
Injected at: 991209 21:44
Dilution Factor: 1.00000
Instrument ID: H

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991129 12:51

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.46	1339	312118M	.208	ug/l	100
2)	#A-BHC	7.09	2128	54002	.0341	ug/l	100
3)	#G-BHC (Lindane)	8.53	2559	419842M	.190	ug/l	100
4)	#Heptachlor	9.21	2764	359525M	.121	ug/l	100
9)	#Endosulfan I	13.97	4190	296505	.200	ug/l	100
13)	#Dieldrin	15.44	4632	1083850	.536	ug/l	100
14)	#Endrin	16.25	4874	683384M	.399	ug/l	100
16)	#4,4'-DDD	18.48	5543	391508	.308	ug/l	100
17)	#4,4'-DDT	19.11	5733	255047	.195	ug/l	100
20)	#Methoxychlor	21.85	6554	1628813	2.20	ug/l	100
25)	#DCB	26.46	7938	725440	.488	ug/l	100

Compound uses ESTD



Data File: >H4765::G4 Quant Output File: ^H4765::QT
Name: 1/4 MIX A Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991129 12:51

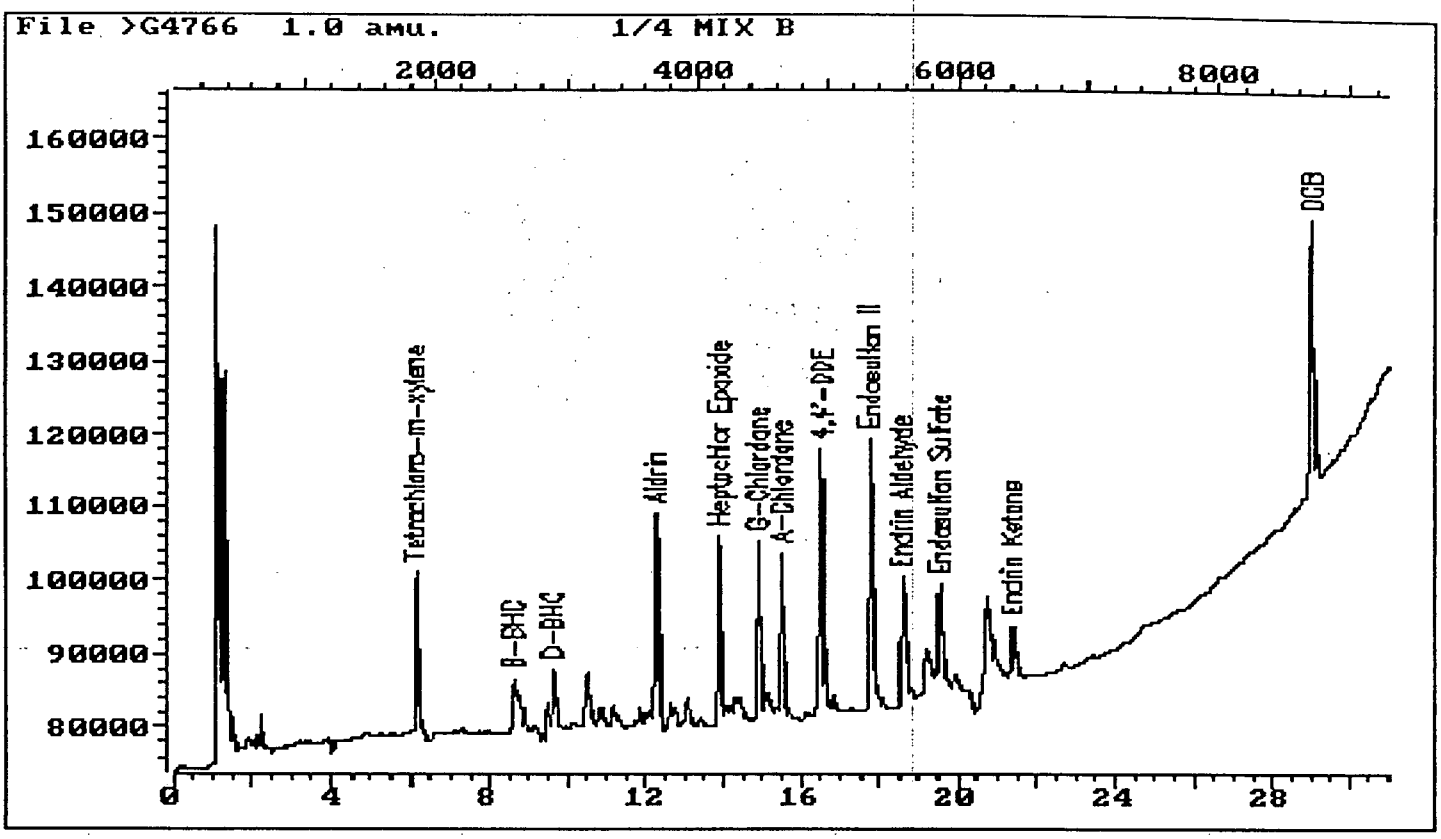
Operator ID: JEFF
Quant Time : 991209 22:16
Injected at: 991209 21:44

Operator ID: JEFF Quant Rev: 7 Quant Time: 991209 22:19
Output File: ^G4766::QT Injected at: 991209 21:44
Data File: >G4766::G4 Dilution Factor: 1.00000
Name: 1/4 MIX B Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:53 Last Qcal Time: 991129 12:13

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.10	1829	92046M	.201	ug/l	100
3)	#B-BHC	8.60	2580	53971M	.197	ug/l	
5)	#D-BHC	9.60	2881	98367M	.199	ug/l	100
7)	#Aldrin	12.23	3670	133562M	.207	ug/l	
8)	#Heptachlor Epoxide	13.85	4155	121911M	.202	ug/l	
9)	#G-Chlordane	14.85	4456	129269M	.198	ug/l	
11)	#A-Chlordane	15.44	4633	118707M	.201	ug/l	100
13)	#4,4'-DDE	16.48	4945	215588M	.398	ug/l	
15)	#Endosulfan II	17.73	5318	217499M	.395	ug/l	
17)	#Endrin Aldehyde	18.53	5559	154810M	.404	ug/l	
18)	#Endosulfan Sulfate	19.52	5857	165638M	.400	ug/l	
20)	#Endrin Ketone	21.35	6404	210797M	.401	ug/l	
25)	#DCB	28.98	8695	251258M	.392	ug/l	100

Compound uses ESTD



Data File: >G4766::G4 Quant Output File: ^G4766::QT
Name: 1/4 MIX B Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:53 Last Qcal Time: 991129 12:13

Operator ID: JEFF
Quant Time : 991209 22:19
Injected at: 991209 21:44

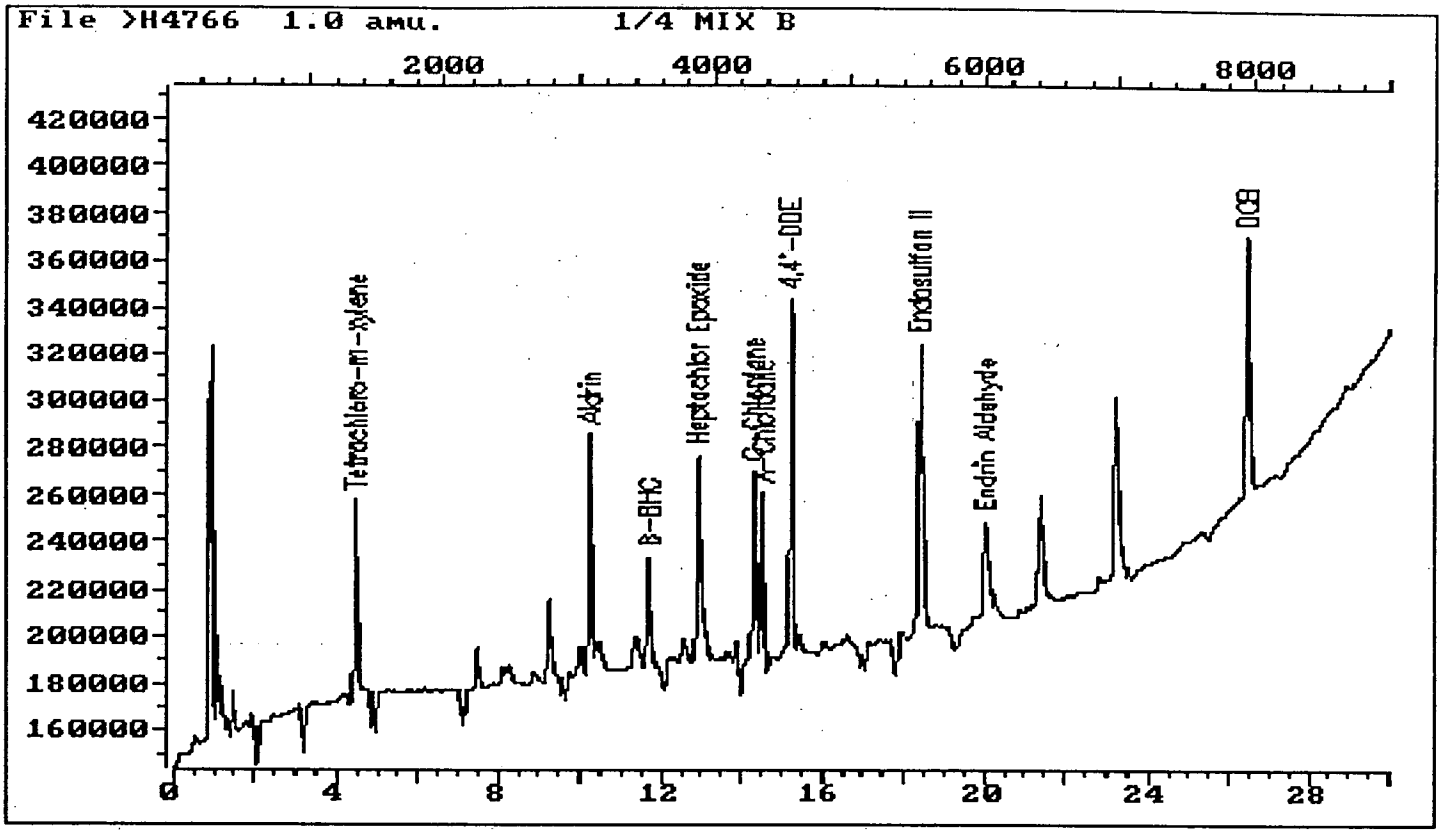
Operator ID: JEFF
Output File: ^H4766::QT
Data File: >H4766::G4
Name: 1/4 MIX B
Misc:

Quant Rev: 7 Quant Time: 991209 22:54
Injected at: 991209 22:21
Dilution Factor: 1.00000
Instrument ID: H

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991129 12:51

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.46	1338	309974M	.207	ug/l	100
5)	#Aldrin	10.22	3066	532681	.266	ug/l	100
6)	#B-BHC	11.69	3506	290222	.314	ug/l	100
8)	#Heptachlor Epoxide	12.89	3867	413000M	.213	ug/l	100
10)	#G-Chlordane	14.28	4285	403067	.211	ug/l	100
11)	#A-Chlordane	14.49	4347	376401M	.205	ug/l	100
12)	#4,4'-DDE	15.18	4555	870967	.487	ug/l	100
15)	#Endosulfan II	18.37	5512	761151	.505	ug/l	100
18)	#Endrin Aldehyde	20.00	6000	424903	.458	ug/l	100
25)	#DCB	26.46	7937	707668M	.476	ug/l	100

Compound uses ESTD



Data File: >H4766::G4 Quant Output File: ^H4766::QT
Name: 1/4 MIX B Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991129 12:51

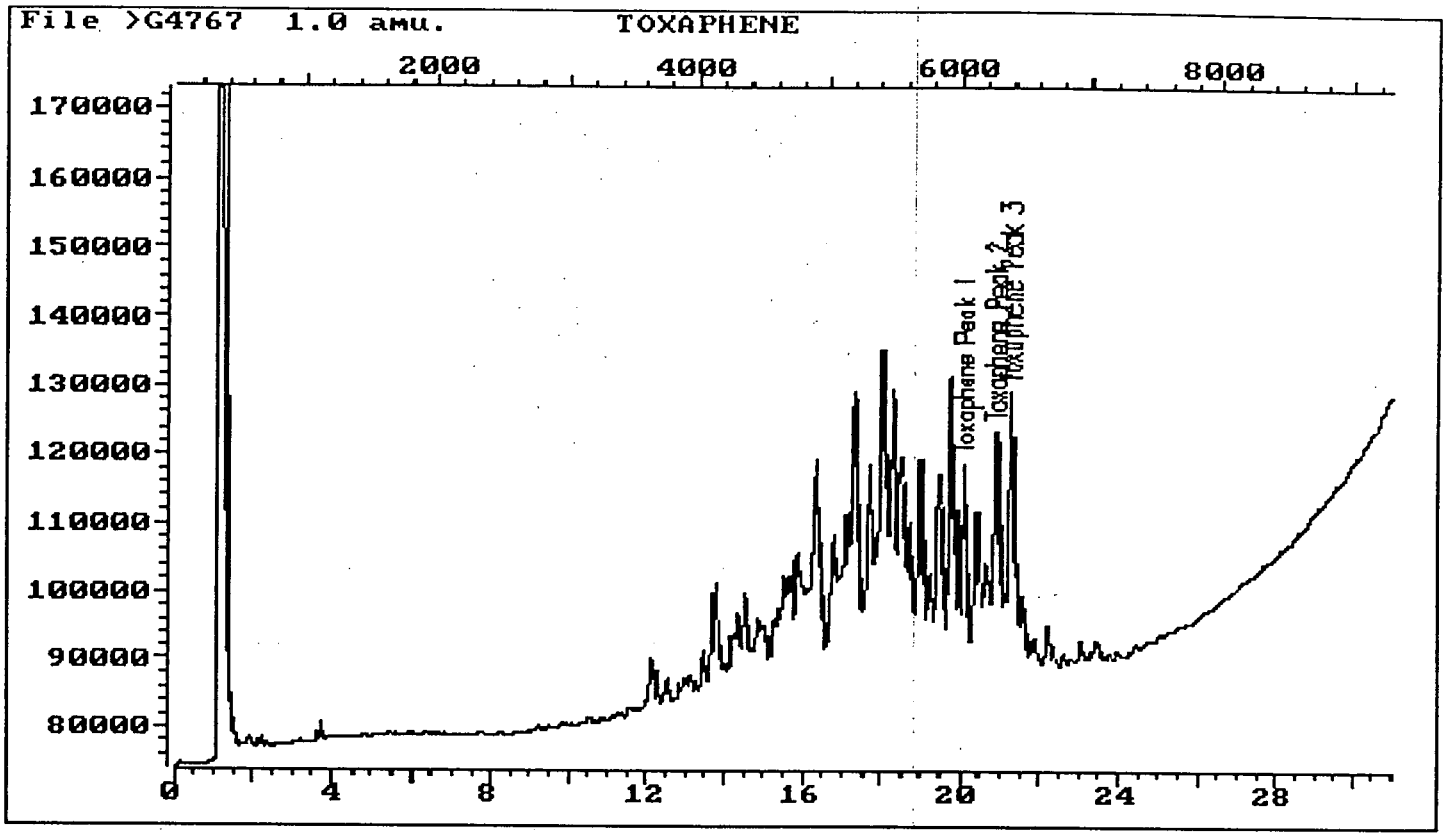
Operator ID: JEFF
Quant Time : 991209 22:54
Injected at: 991209 22:21

Operator ID: JEFF Quant Rev: 7 Quant Time: 991209 22:56
Output File: ^G4767::QT Injected at: 991209 22:21
Data File: >G4767::G4 Dilution Factor: 1.00000
Name: TOXAPHENE Instrument ID: G
Misc:

ID File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:53 Last Qcal Time: 991129 12:13

	Compound	R.T.	Scan#	Area	Conc	Units	q
22)	#Toxaphene Peak 1	20.07	6020	172499M	25.50	ug/l	
23)	#Toxaphene Peak 2	20.89	6266	231141M	25.20	ug/l	
24)	#Toxaphene Peak 3	21.24	6371	225940M	24.65	ug/l	

Compound uses ESTD



Data File: >G4767::G4 Quant Output File: ^G4767::QT
Name: TOXAPHENE Instrument ID: G
Misc:

Id File: IDPST7::G5
Title: PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:53 Last Qcal Time: 991129 12:13

Operator ID: JEFF
Quant Time : 991209 22:56
Injected at: 991209 22:21

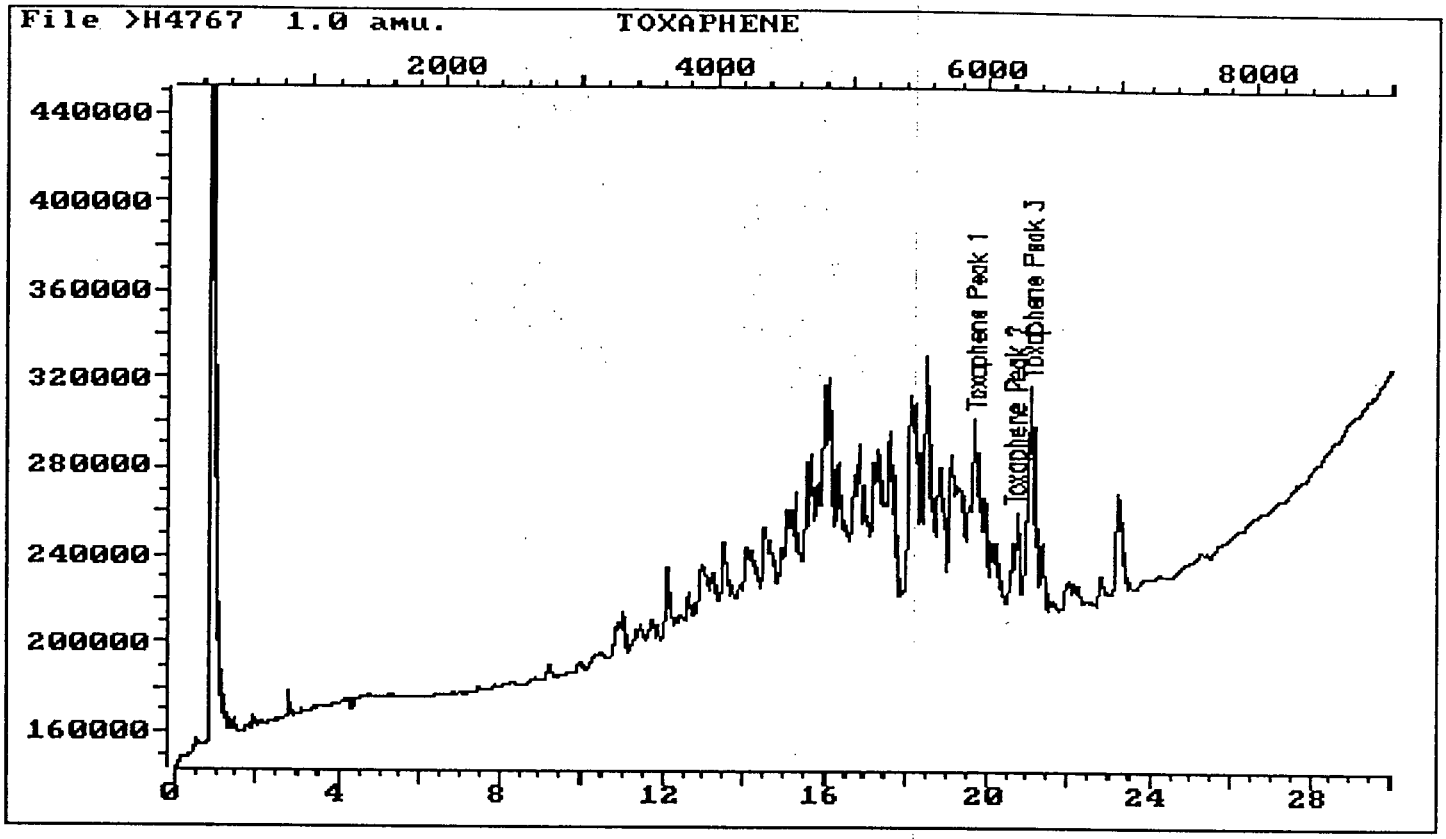
406

Operator ID: JEFF Quant Rev: 7 Quant Time: 991209 23:31
Output File: ^H4767::QT Injected at: 991209 22:58
Data File: >H4767::G4 Dilution Factor: 1.00000
Name: TOXAPHENE Instrument ID: H
Misc:

ID File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991129 12:51

Compound	R.T.	Scan#	Area	Conc	Units	q
22) #Toxaphene Peak 1	19.71	5913	234914M	17.82	ug/l	
23) #Toxaphene Peak 2	20.69	6208	364209	24.04	ug/l	100
24) #Toxaphene Peak 3	21.11	6332	732510M	20.31	ug/l	100

Compound uses ESTD



Data File: >H4767::G4 Quant Output File: ^H4767::QT
Name: TOXAPHENE Instrument ID: H
Misc:

Id File: IDPST8::G5
Title: PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991129 12:51

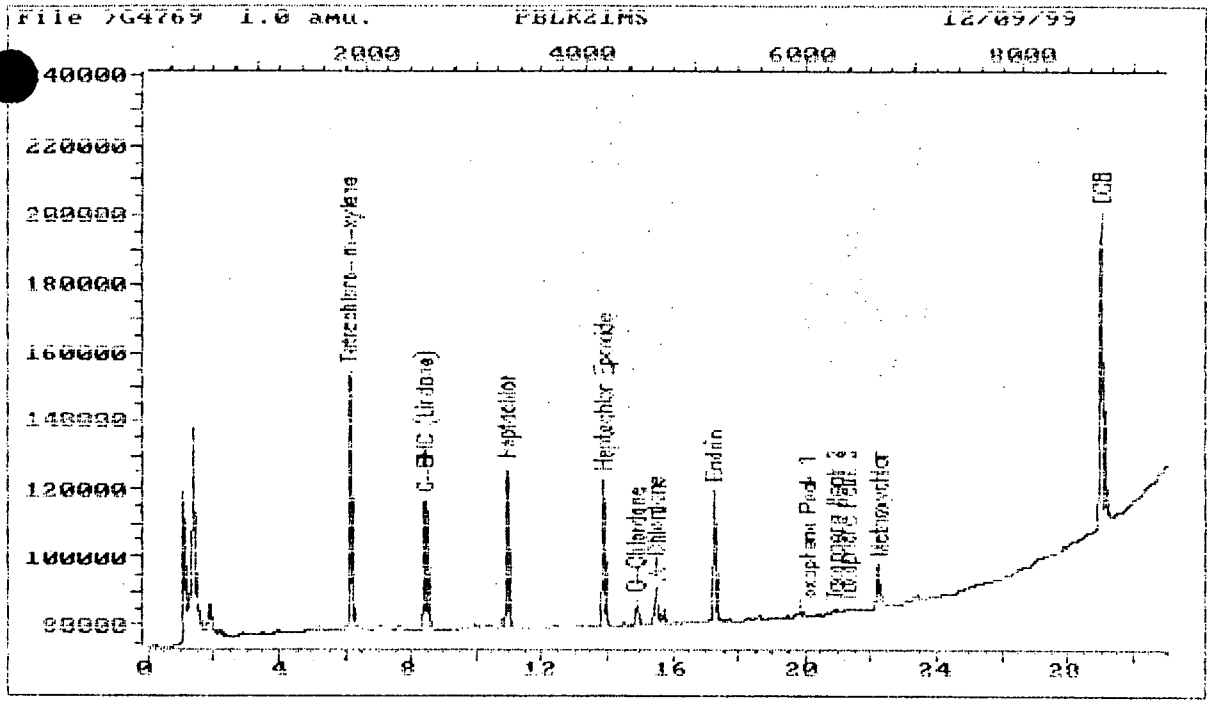
Operator ID: JEFF
Quant Time : 991209 23:31
Injected at: 991209 22:58

rator ID: JEFF Quant Rev: 7 Quant Time: 991210 11:29
put File: ^G4769::QT Injected at: 991209 23:35
Data File: >G4769::G4 Dilution Factor: 1.00000
Name: PBLK21MS Instrument ID: G
Misc: 12/09/99

ID File: ID7TCL::G5
Title: TCLP PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991209 21:06

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.09	1828	359764	.752	ug/l	100
2)	#G-BHC (Lindane)	8.42	2527	199940	.289	ug/l	100
3)	#Heptachlor	10.93	3278	230847	.267	ug/l	100
4)	#Heptachlor Epoxide	13.85	4154	235947	.387	ug/l	100
5)	#G-Chlordane	14.85	4454	41076	.0636	ug/l	100
6)	#A-Chlordane	15.43	4630	81660	.138	ug/l	100
7)	#Endrin	17.21	5163	227835	.375	ug/l	100
8)	#Methoxychlor	22.23	6668	80712	.304	ug/l	100
9)	#Toxaphene Peak 1	20.06	6019	2427M	.352	ug/l	
10)	#Toxaphene Peak 2	20.90	6269	12137M	1.31	ug/l	
11)	#Toxaphene Peak 3	21.24	6371	4193M	.464	ug/l	
)	#DCB	28.98	8695	567955	.865	ug/l	100

Compound uses ESTD



Data File: >G4769::G4 Quant Output File: ^G4769::QT
Name: PBLK21MS Instrument ID: G
Misc: 12/09/99

Id File: ID7TCL::G5
Title: TCLP PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991209 21:06

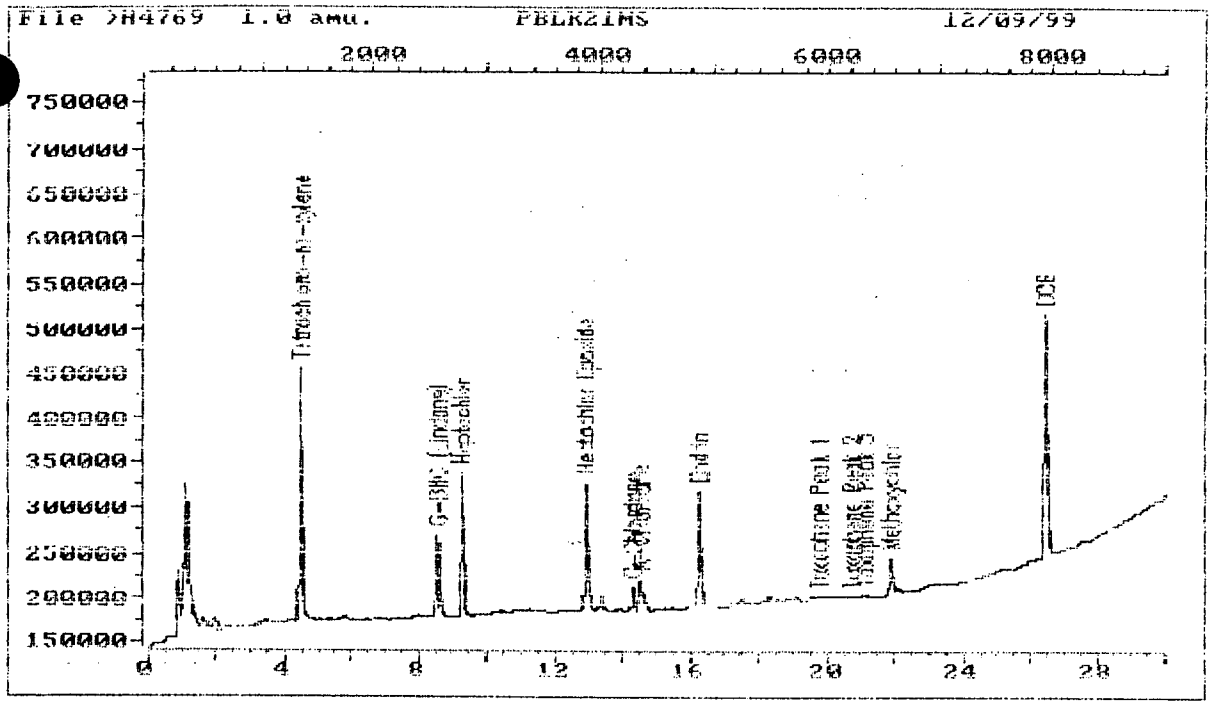
Operator ID: JEFF
Quant Time : 991210 11:29
Injected at: 991209 23:35

Operator ID: JEFF Quant Rev: 7 Quant Time: 991210 11:30
Output File: ^H4769::QT Injected at: 991210 00:12
Data File: >H4769::G4 Dilution Factor: 1.00000
Name: PBLK21MS Instrument ID: H
Misc: 12/09/99

ID File: ID8TCL::G5
Title: TCLP PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991129 12:51

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.46	1338	1310335	.875	ug/l	100
2)	#G-BHC (Lindane)	8.53	2558	466502	.211	ug/l	100
3)	#Heptachlor	9.22	2765	789828	.266	ug/l	100
4)	#Heptachlor Epoxide	12.89	3866	823972	.425	ug/l	100
5)	#G-Chlordane	14.28	4284	137196	.0718	ug/l	100
6)	#A-Chlordane	14.49	4347	272469	.148	ug/l	100
7)	#Endrin	16.24	4873	737005	.430	ug/l	100
8)	#Methoxychlor	21.85	6554	249475	.337	ug/l	100
9)	#Toxaphene Peak 1	19.73	5919	11205M	.850	ug/l	
10)	#Toxaphene Peak 2	20.69	6207	5465M	.361	ug/l	
11)	#Toxaphene Peak 3	21.09	6328	19339M	.536	ug/l	
12)	#DCB	26.45	7936	1856637	1.25	ug/l	100

Compound uses ESTD



Data File: >H4769::G4 Quant Output File: ^H4769::QT
Name: PBLK21MS Instrument ID: H
Misc: 12/09/99

Id File: ID8TCL::G5
Title: TCLP PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991129 12:51

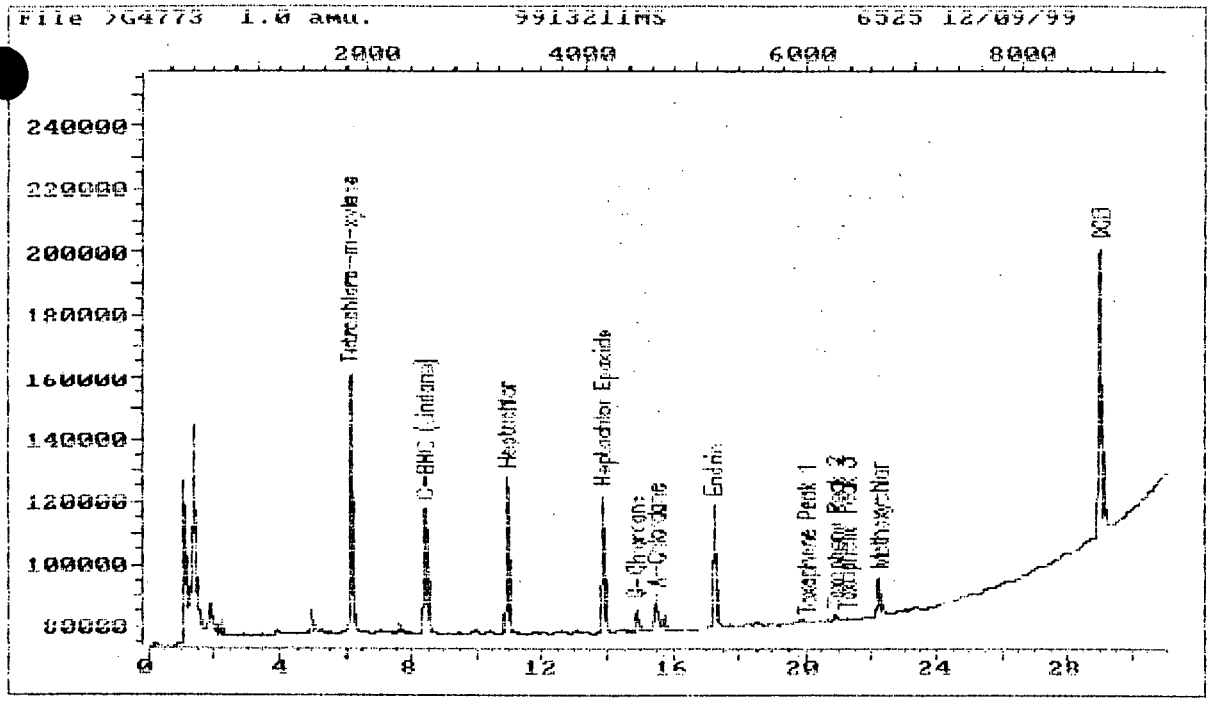
Operator ID: JEFF
Quant Time : 991210 11:30
Injected at: 991210 00:12

Operator ID: JEFF Quant Rev: 7 Quant Time: 991210 11:36
Output File: ^G4773::QT Injected at: 991210 02:04
Data File: >G4773::G4 Dilution Factor: 1.00000
Name: 9913211MS Instrument ID: G
Misc: 6525 12/09/99 ITS 19AGCOMP

ID File: ID7TCL::G5
Title: TCLP PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991209 21:06

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.09	1826	397024	.830	ug/l	100
2)	#G-BHC (Lindane)	8.42	2525	210527	.304	ug/l	100
3)	#Heptachlor	10.92	3275	246073	.285	ug/l	100
4)	#Heptachlor Epoxide	13.84	4151	242103	.397	ug/l	100
5)	#G-Chlordane	14.84	4451	41050	.0635	ug/l	100
6)	#A-Chlordane	15.43	4628	66779M	.113	ug/l	100
7)	#Endrin	17.20	5160	225118	.371	ug/l	100
8)	#Methoxychlor	22.22	6665	88874	.334	ug/l	100
9)	#Toxaphene Peak 1	20.04	6013	5539M	.803	ug/l	
10)	#Toxaphene Peak 2	20.89	6268	9970M	1.08	ug/l	
11)	#Toxaphene Peak 3	21.22	6365	4075M	.451	ug/l	
)	#DCB	28.97	8692	580526	.884	ug/l	100

Compound uses ESTD



Data File: >G4773::G4 Quant Output File: ^G4773::QT
Name: 9913211MS Instrument ID: G
Misc: 6525 12/09/99 ITS 19AGCOMP

Id File: ID7TCL::G5
Title: TCLP PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991209 21:06

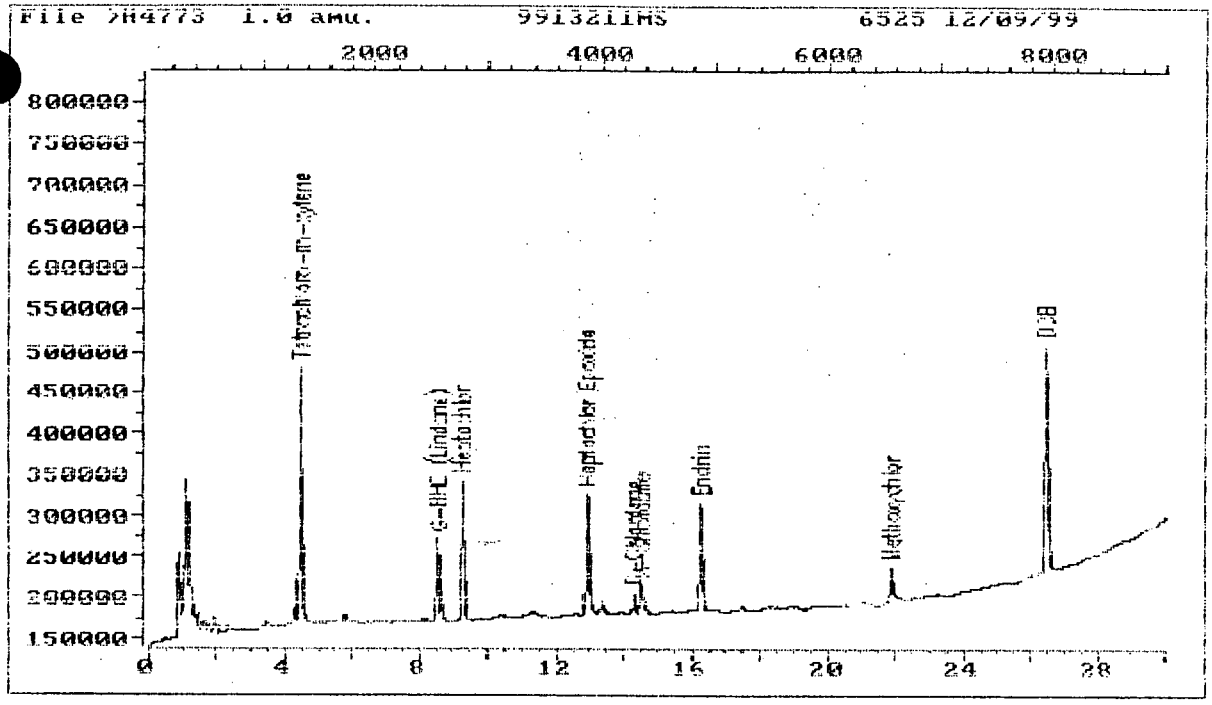
Operator ID: JEFF
Quant Time : 991210 11:36
Injected at: 991210 02:04

rator ID: JEFF Quant Rev: 7 Quant Time: 991210 11:37
put File: ^H4773::QT Injected at: 991210 02:41
Data File: >H4773::G4 Dilution Factor: 1.00000
Name: 9913211MS Instrument ID: H
Misc: 6525 12/09/99 ITS 19AGCOMP

ID File: ID8TCL::G5
Title: TCLP PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991129 12:51

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.46	1337	1345553	.898	ug/l	100
2)	#G-BHC (Lindane)	8.52	2556	504777	.228	ug/l	100
3)	#Heptachlor	9.21	2762	858230	.289	ug/l	100
4)	#Heptachlor Epoxide	12.88	3863	864138	.446	ug/l	100
5)	#G-Chlordane	14.27	4281	139409	.0730	ug/l	100
6)	#A-Chlordane	14.48	4345	281464	.153	ug/l	100
7)	#Endrin	16.24	4871	766969	.447	ug/l	100
8)	#Methoxychlor	21.84	6552	260963	.352	ug/l	100
12)	#DCB	26.44	7933	1896835	1.28	ug/l	100

Compound uses ESTD



Data File: >H4773::G4 Quant Output File: ^H4773::QT
Name: 9913211MS Instrument ID: H
Misc: 6525 12/09/99 ITS 19ACCOMP

Id File: ID8TCL::G5
Title: TCLP PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991129 12:51

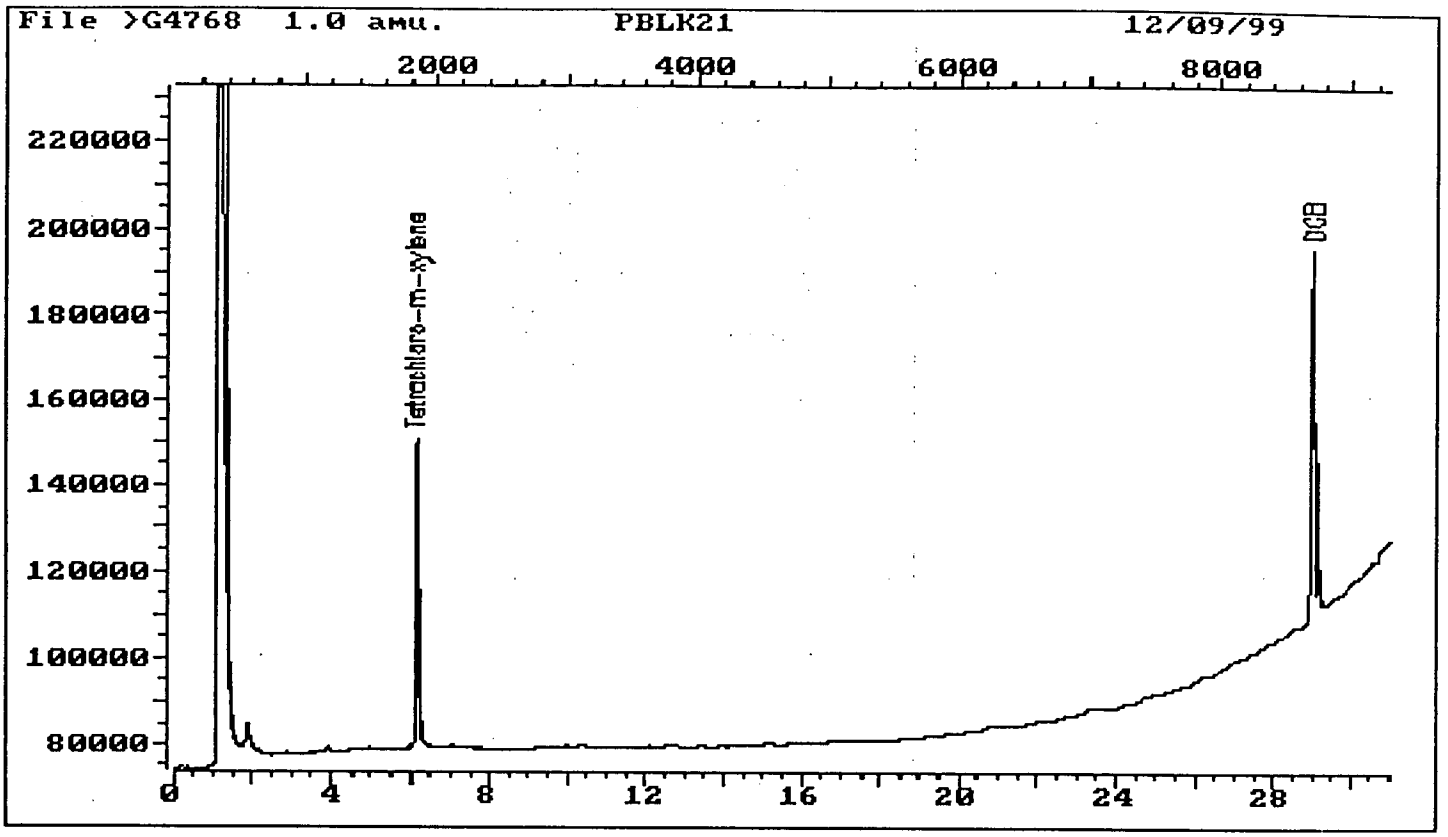
Operator ID: JEFF
Quant Time : 991210 11:37
Injected at: 991210 02:41

Operator ID: JEFF Quant Rev: 7 Quant Time: 991210 11:27
Output File: ^G4768::QT Injected at: 991209 22:58
Data File: >G4768::G4 Dilution Factor: 1.00000
Name: PBLK21 Instrument ID: G
Misc: 12/09/99

ID File: ID7TCL::G5
Title: TCLP PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991209 21:06

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.09	1828	341816	.714	ug/l	100
12)	#DCB	28.99	8696	552056	.841	ug/l	100

Compound uses ESTD



Data File: >G4768::G4 Quant Output File: ^G4768::QT
Name: PBLK21 Instrument ID: G
Misc: 12/09/99

Id File: ID7TCL::G5
Title: TCLP PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991209 21:06

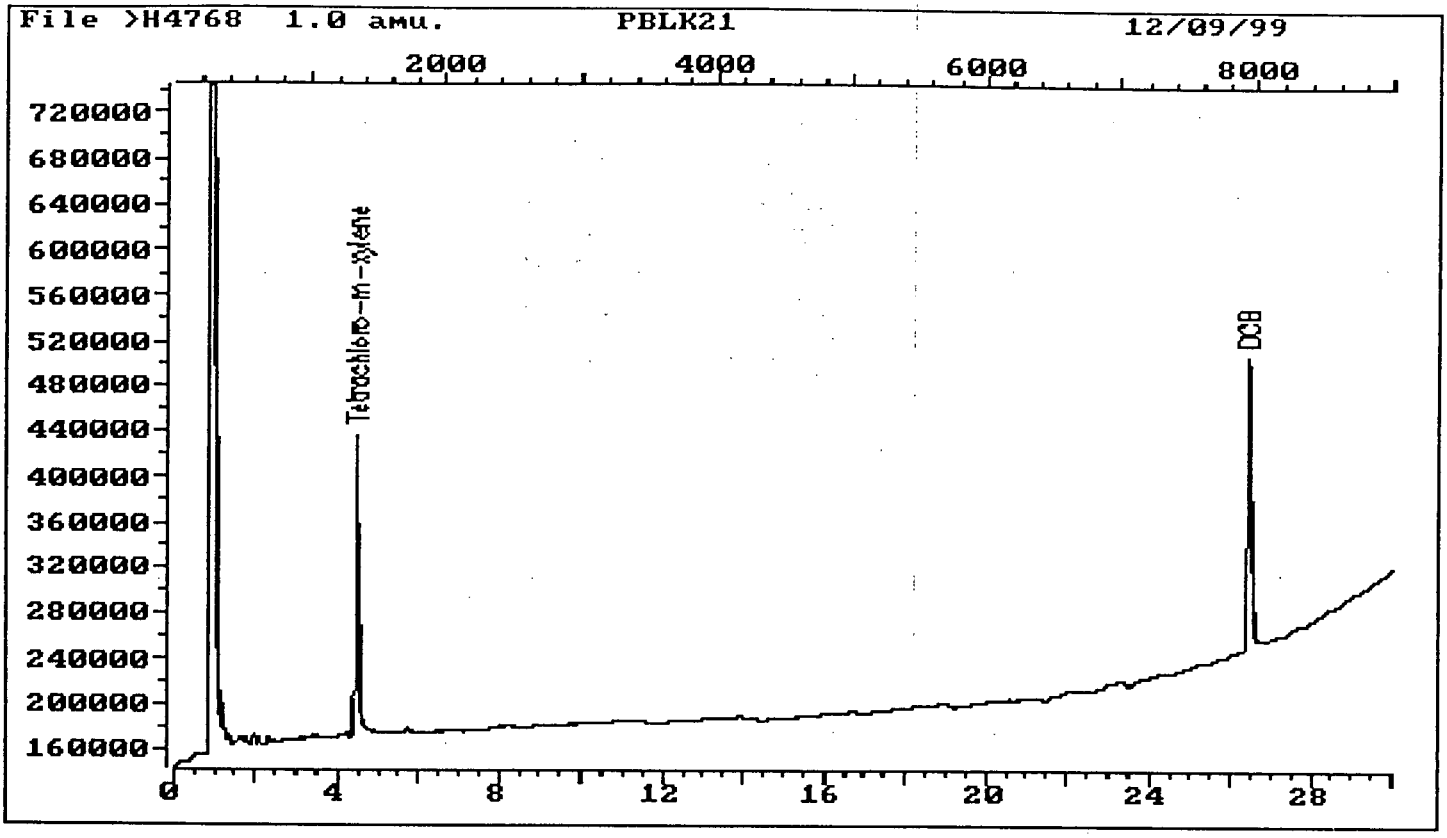
Operator ID: JEFF
Quant Time : 991210 11:27
Injected at: 991209 22:58

Operator ID: JEFF Quant Rev: 7 Quant Time: 991210 11:28
Input File: ^H4768::QT Injected at: 991209 23:35
Data File: >H4768::G4 Dilution Factor: 1.00000
Name: PBLK21 Instrument ID: H
Misc: 12/09/99

ID File: ID8TCL::G5
Title: TCLP PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991129 12:51

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.46	1338	1240304	.828	ug/l	100
12)	#DCB	26.45	7936	1770589	1.19	ug/l	100

Compound uses ESTD



Data File: >H4768::G4 Quant Output File: ^H4768::QT
Name: PBLK21 Instrument ID: H
Misc: 12/09/99

Id File: ID8TCL::G5
Title: TCLP PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991129 12:51

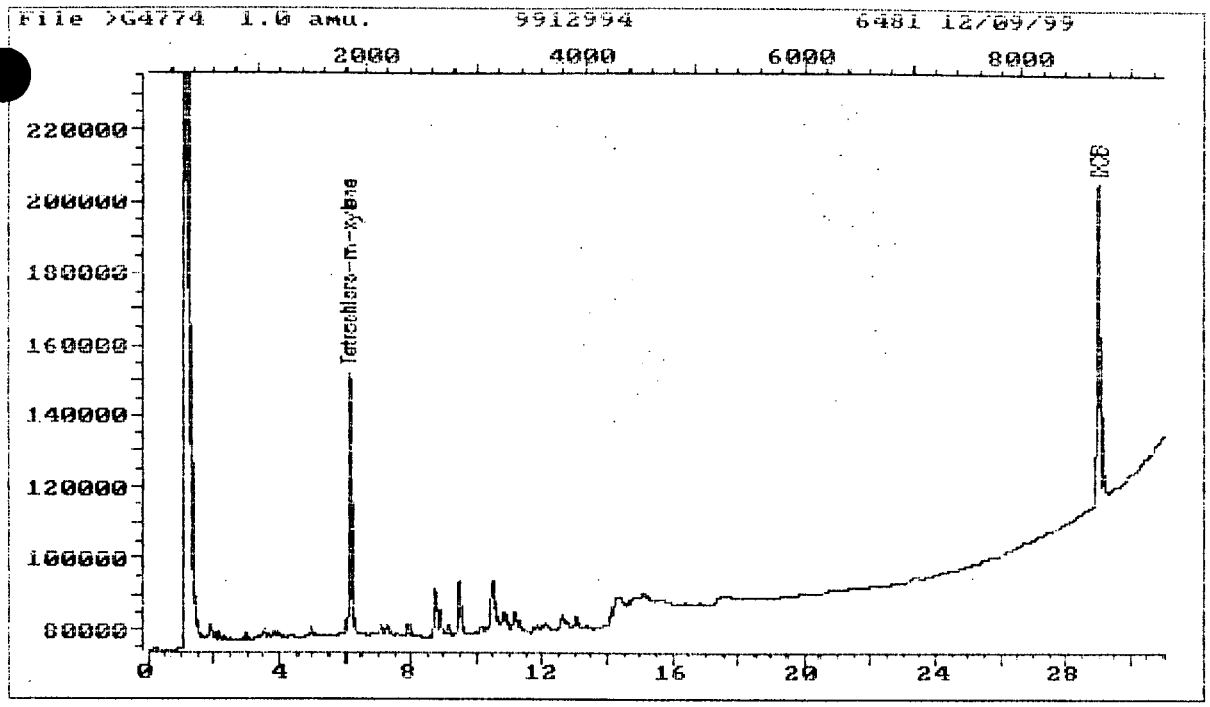
Operator ID: JEFF
Quant Time : 991210 11:28
Injected at: 991209 23:35

ator ID: JEFF Quant Rev: 7 Quant Time: 991210 11:38
Output File: ^G4774::QT Injected at: 991210 02:41
Data File: >G4774::G4 Dilution Factor: 1.00000
Name: 9912994 Instrument ID: G
Misc: 6481 12/09/99 OE DCOMP-1

ID File: ID7TCL::G5
Title: TCLP PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991209 21:06

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.08	1825	357110	.746	ug/l	100
12)	#DCB	28.97	8691	570810	.870	ug/l	100

Compound uses ESTD



Data File: >G4774::G4 Quant Output File: ^G4774::QT
Name: 9912994 Instrument ID: G
Misc: 6481 12/09/99 OE DCOMP-1

Id File: ID7TCL::G5
Title: TCLP PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991209 21:06

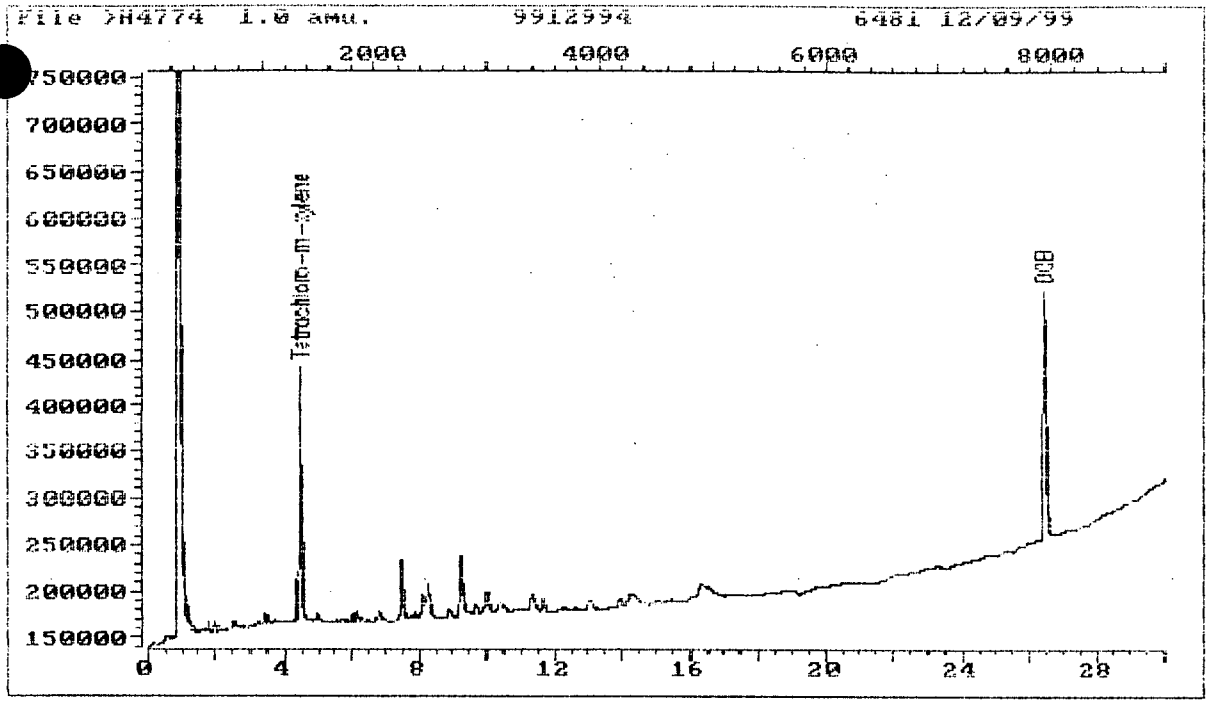
Operator ID: JEFF
Quant Time : 991210 11:38
Injected at: 991210 02:41

ator ID: JEFF Quant Rev: 7 Quant Time: 991210 11:39
put File: ^H4774::QT Injected at: 991210 03:18
ata File: >H4774::G4 Dilution Factor: 1.00000
ame: 9912994 Instrument ID: H
isc: 6481 12/09/99 OE DCOMP-1

File: ID8TCL::G5
itle: TCLP PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 14:37 Last Qcal Time: 991129 12:51

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.46	1337	1192474	.796	ug/l	100
12)	#DCB	26.44	7932	1831051	1.23	ug/l	100

Compound uses ESTD



Data File: >H4774::G4 Quant Output File: ^H4774::QT
Name: 9912994 Instrument ID: H
Misc: 6481 12/09/99 OE DCOMP-1

Id File: ID8TCL::G5
Title: TCLP PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991129 12:51

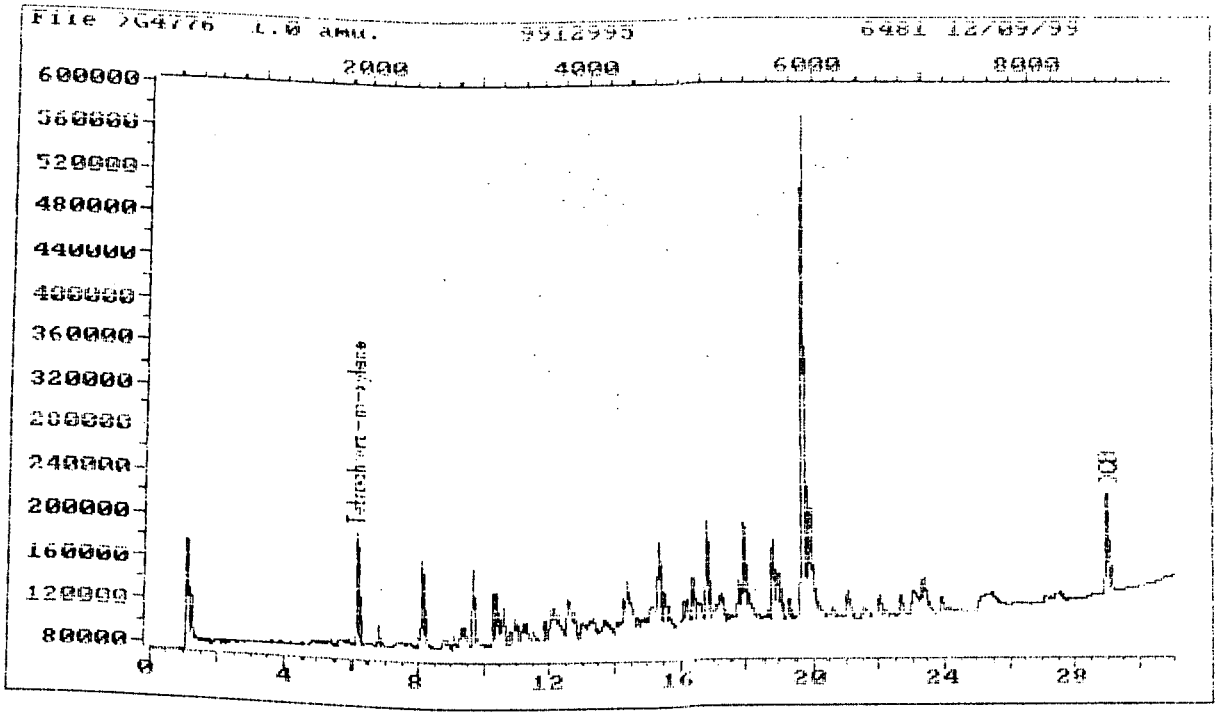
Operator ID: JEFF
Quant Time : 991210 11:39
Injected at: 991210 03:18

Operator ID: JEFF Quant Rev: 7 Quant Time: 991210 11:42
Output File: ^G4776::QT Injected at: 991210 03:55
Data File: >G4776::G4 Dilution Factor: 1.00000
Name: 9912095 Instrument ID: G
Misc: 6481 12/09/99 OE DCOMP-2

ID File: ID7TCL::G5
Title: TCLP PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991209 21:06

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.15	1845	437112	.913	ug/l	100
12)	#DCB	28.97	8691	596969	.910	ug/l	100

Compound uses ESTD



Data File: >G4776::G4 Quant Output File: ^G4776::QT
Name: 9912995 Instrument ID: G
Misc: 6481 12/09/99 OE DCOMP-2

Id File: ID7TCL::G5
Title: TCLP PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991209 21:06

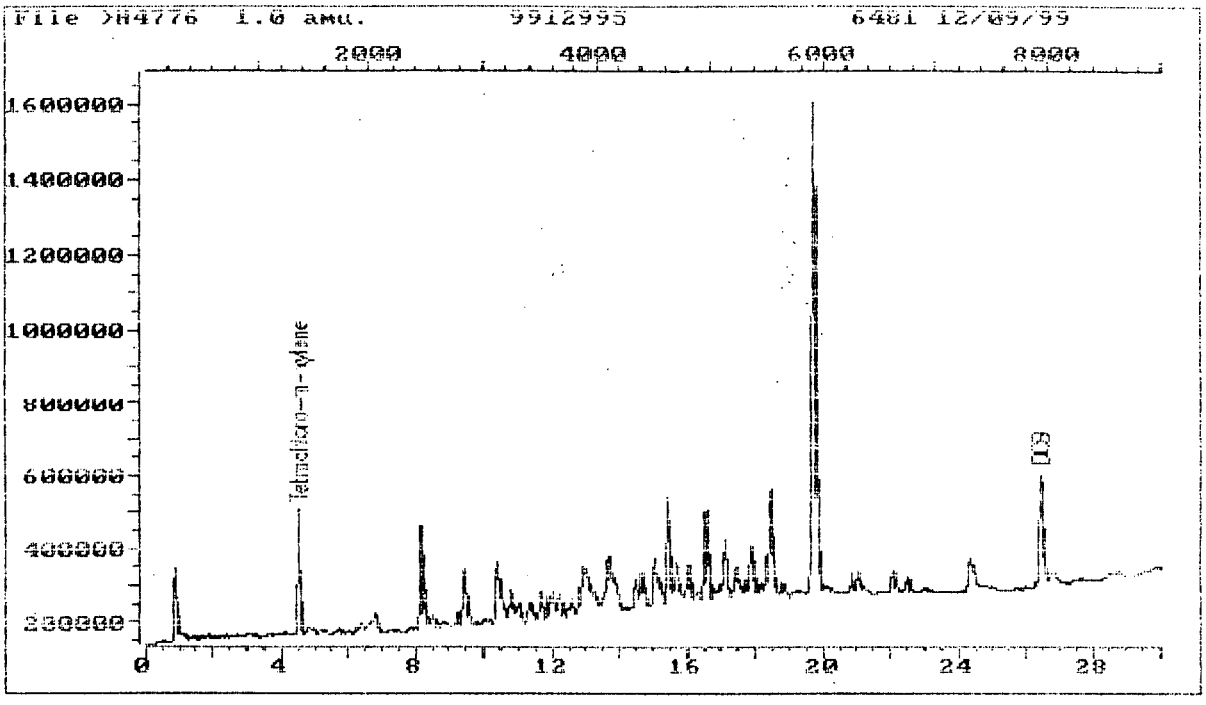
Operator ID: JEFF
Quant Time : 991210 11:42
Injected at: 991210 03:55

Operator ID: JEFF Quant Rev: 7 Quant Time: 991210 11:44
Output File: ^H4776::QT Injected at: 991210 04:33
Data File: >H4776::G4 Dilution Factor: 1.00000
Name: 9912995 Instrument ID: H
Misc: 6481 12/09/99 OE DCOMP-2

ID File: ID8TCL::G5
Title: TCLP PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991129 12:51

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	4.53	1359	1552033	1.04	ug/l	100
12) #DCB	26.44	7933	1702018M	1.15	ug/l	100

Compound uses ESTD



Data File: >H4776::G4 Quant Output File: ^H4776::QT
Name: 9912995 Instrument ID: H
Misc: 6481 12/09/99 OE DCOMP-2

Id File: ID8TCL::G5
Title: TCLP PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991129 12:51

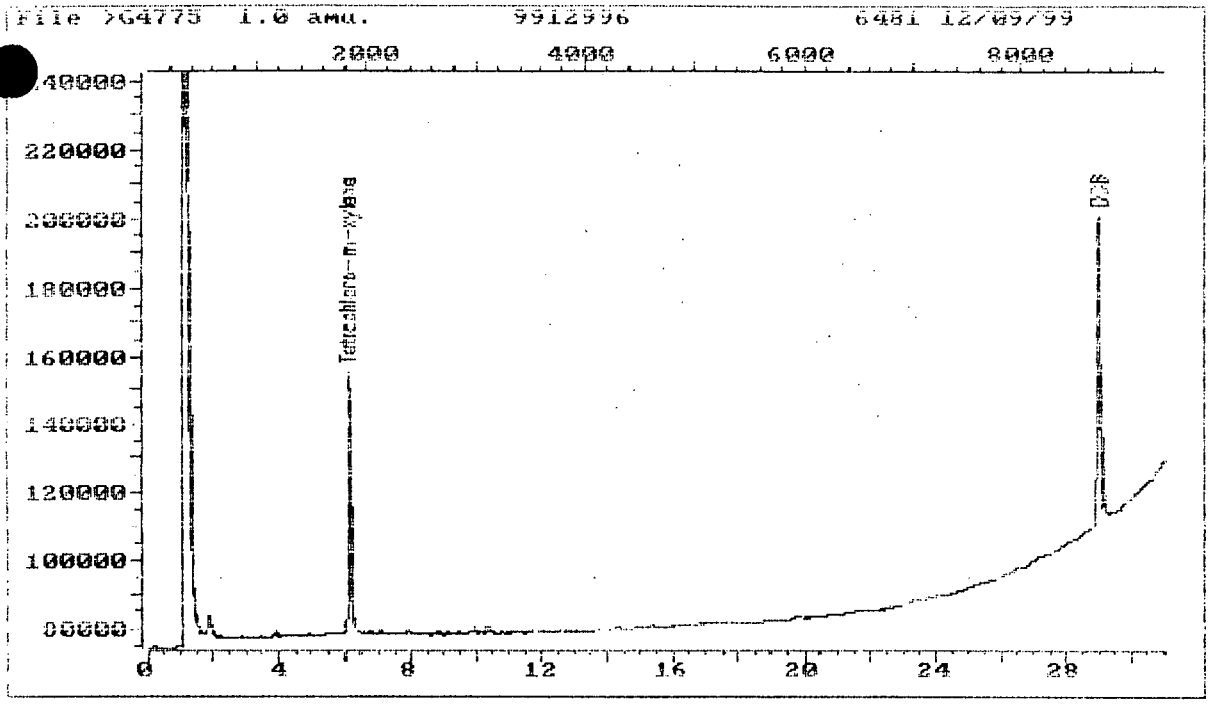
Operator ID: JEFF
Quant Time : 991210 11:44
Injected at: 991210 04:33

ator ID: JEFF Quant Rev: 7 Quant Time: 991210 11:40
eput File: ^G4775::QT Injected at: 991210 03:18
ata File: >G4775::G4 Dilution Factor: 1.00000
ame: 9912996 Instrument ID: G
isc: 6481 12/09/99 OE SP-1

File: ID7TCL::G5
itle: TCLP PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 14:37 Last Qcal Time: 991209 21:06

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.08	1824	369284	.772	ug/l	100
2)	#DCB	28.97	8691	577508	.880	ug/l	100

Compound uses ESTD



Data File: >G4775::G4 Quant Output File: ^G4775::QT
Name: 9912996 Instrument ID: G
Misc: 6481 12/09/99 OE SP-1

Id File: ID7TCL::G5
Title: TCLP PESTICIDES HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991209 21:06

Operator ID: JEFF
Quant Time : 991210 11:40
Injected at: 991210 03:18

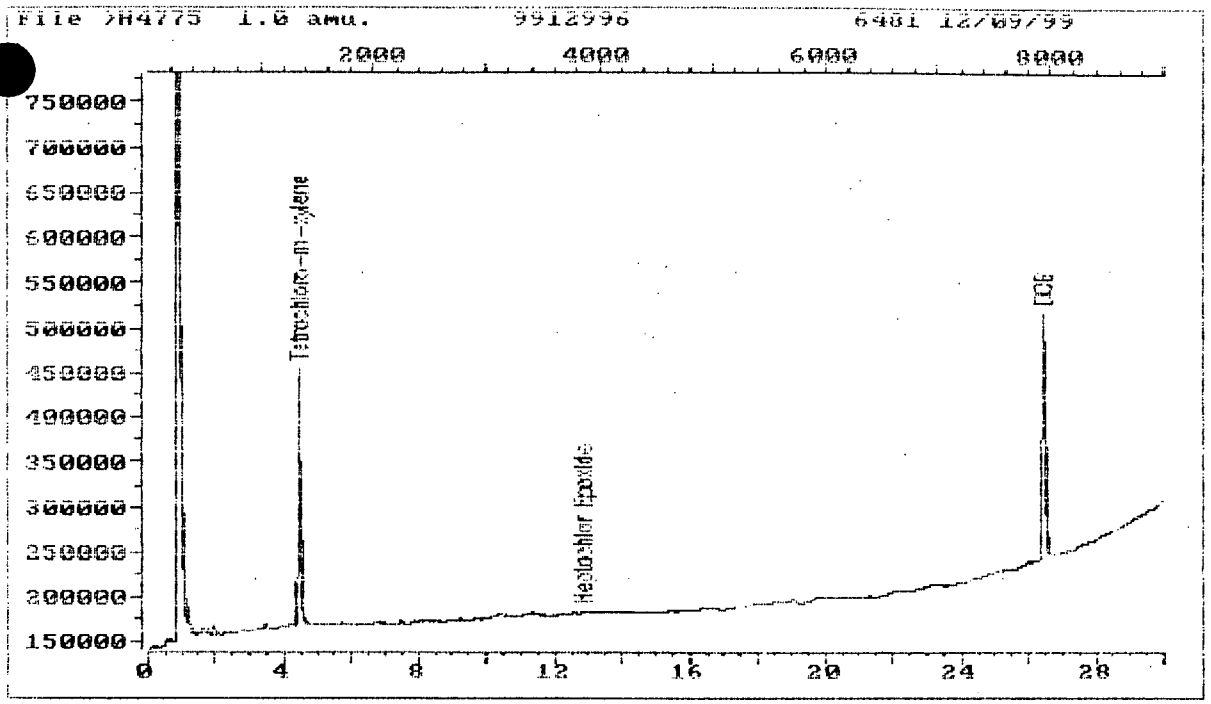
ator ID: JEFF Quant Rev: 7 Quant Time: 991210 11:41
eput File: ^H4775::QT Injected at: 991210 03:55
ata File: >H4775::G4 Dilution Factor: 1.00000
ame: 9912096 Instrument ID: H
isc: 6481 12/09/99 OE SP-1

D File: ID8TCL::G5
itle: TCLP PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 14:37 Last Qcal Time: 991129 12:51

	Compound	R.T.	Scan#	Area	Conc	Units	Q
1)	#Tetrachloro-m-xylene	4.46	1337	1314147	.877	ug/l	100
~~4)~~	~~#Heptachlor Epoxide~~	12.85	3854	6323	.00326	ug/l	100
12)	#DCB	26.44	7932	1846675	1.24	ug/l	100

/ Compound uses ESTD

JH 12/9/99



Data File: >H4775::G4 Quant Output File: ^H4775::QT
Name: 9912996 Instrument ID: H
Misc: 6481 12/09/99 OE SP-1

Id File: ID8TCL::G5
Title: TCLP PESTICIDES HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 14:37 Last Qcal Time: 991129 12:51

Operator ID: JEFF
Quant Time : 991210 11:41
Injected at: 991210 03:55

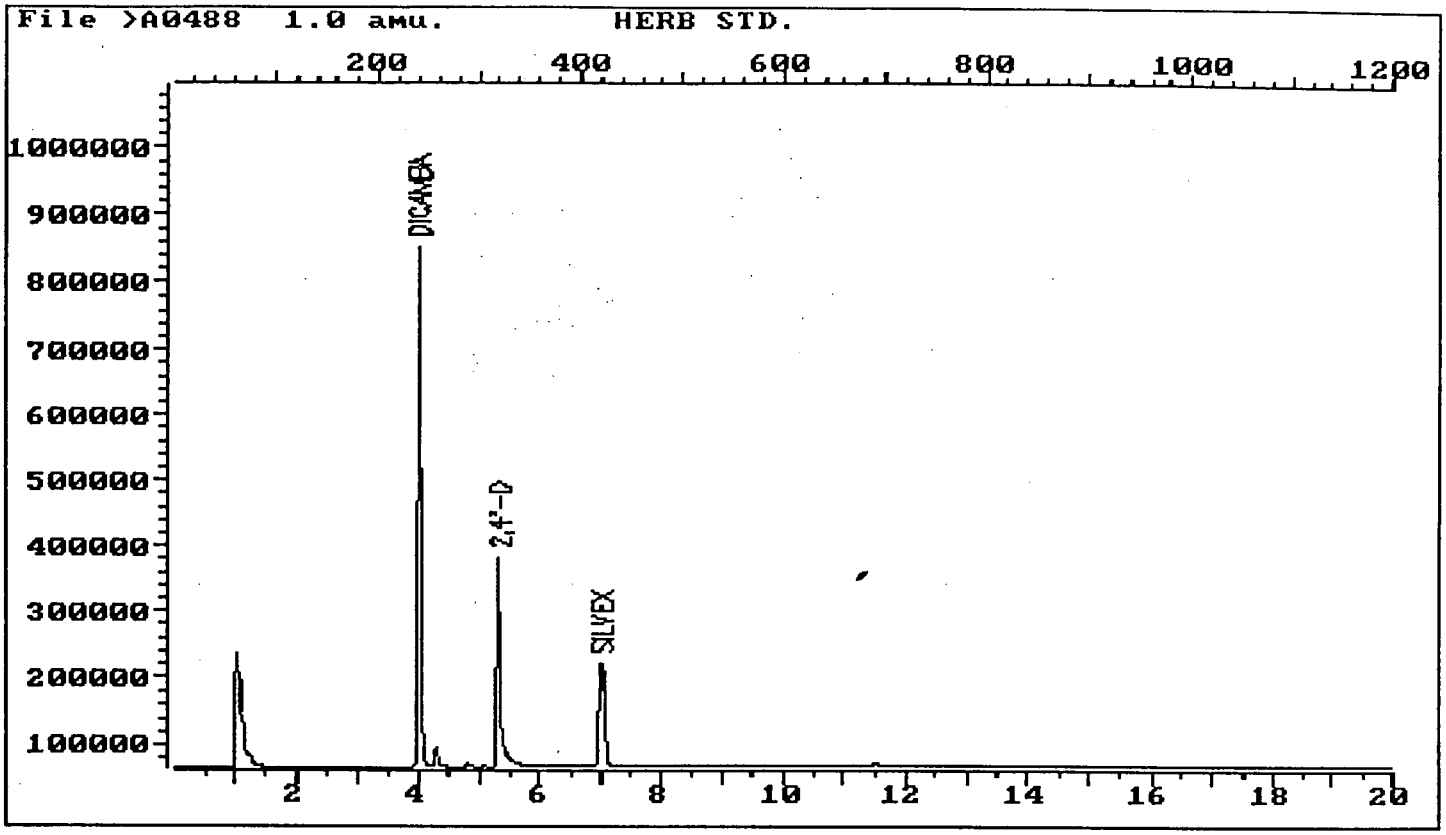
Operator ID: JEFF
Output File: ^A0488::QT
Data File: >A0488::G1
Name: HERB STD.
Misc:

Quant Rev: 7 Quant Time: 991116 11:02
Injected at: 991116 10:41
Dilution Factor: 1.00000
Instrument ID: A

ID File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	4.00	240	2813106	2813106.	NO CALIB100	
2)	#2,4'-D	5.32	319	1524129	1524129.	NO CALIB100	
3)	#SILVEX	7.02	421	661772	661772.0	NO CALIB100	

Compound uses ESTD



Data File: >A0488::G1 Quant Output File: ^A0488::QT
Name: HERB STD. Instrument ID: A
Misc:

Id File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:17

Operator ID: JEFF
Quant Time : 991116 11:02
Injected at: 991116 10:41

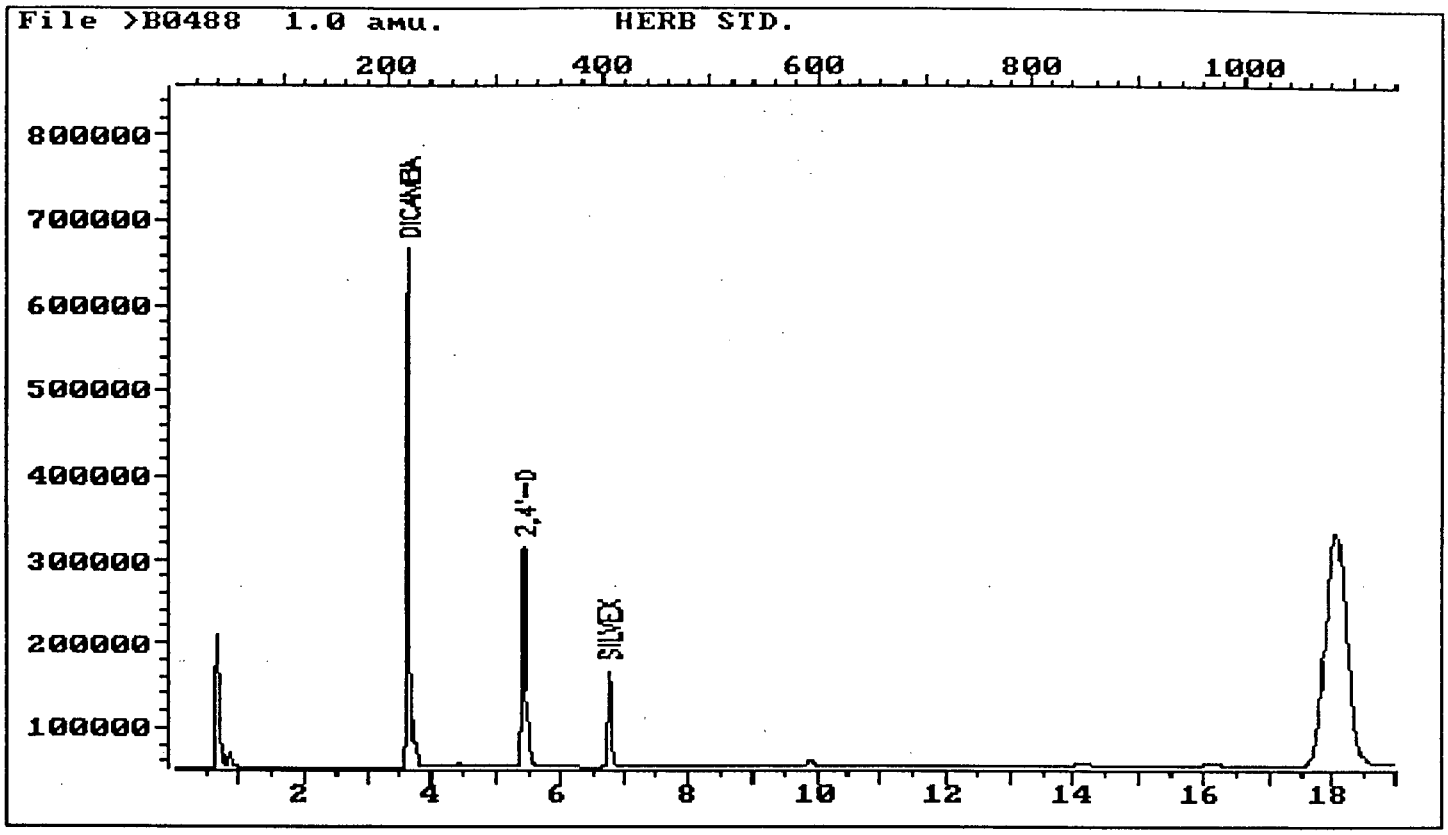
Operator ID: JEFF
Output File: ^B0488::QT
Data File: >B0488::G1
Name: HERB STD.
Misc:

Quant Rev: 7 Quant Time: 991116 11:26
Injected at: 991116 11:06
Dilution Factor: 1.00000
Instrument ID: B

ID File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:43

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	3.65	219	2036865	2036865.	NO	CALIB100
2)	#2,4'-D	5.45	327	1137054	1137054.	NO	CALIB100
3)	#SILVEX	6.77	406	508450	508450.0	NO	CALIB100

Compound uses ESTD



Data File: >B0488::G1 Quant Output File: ^B0488::QT
Name: HERB STD. Instrument ID: B
Misc:

Id File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:43

Operator ID: JEFF
Quant Time : 991116 11:26
Injected at: 991116 11:06

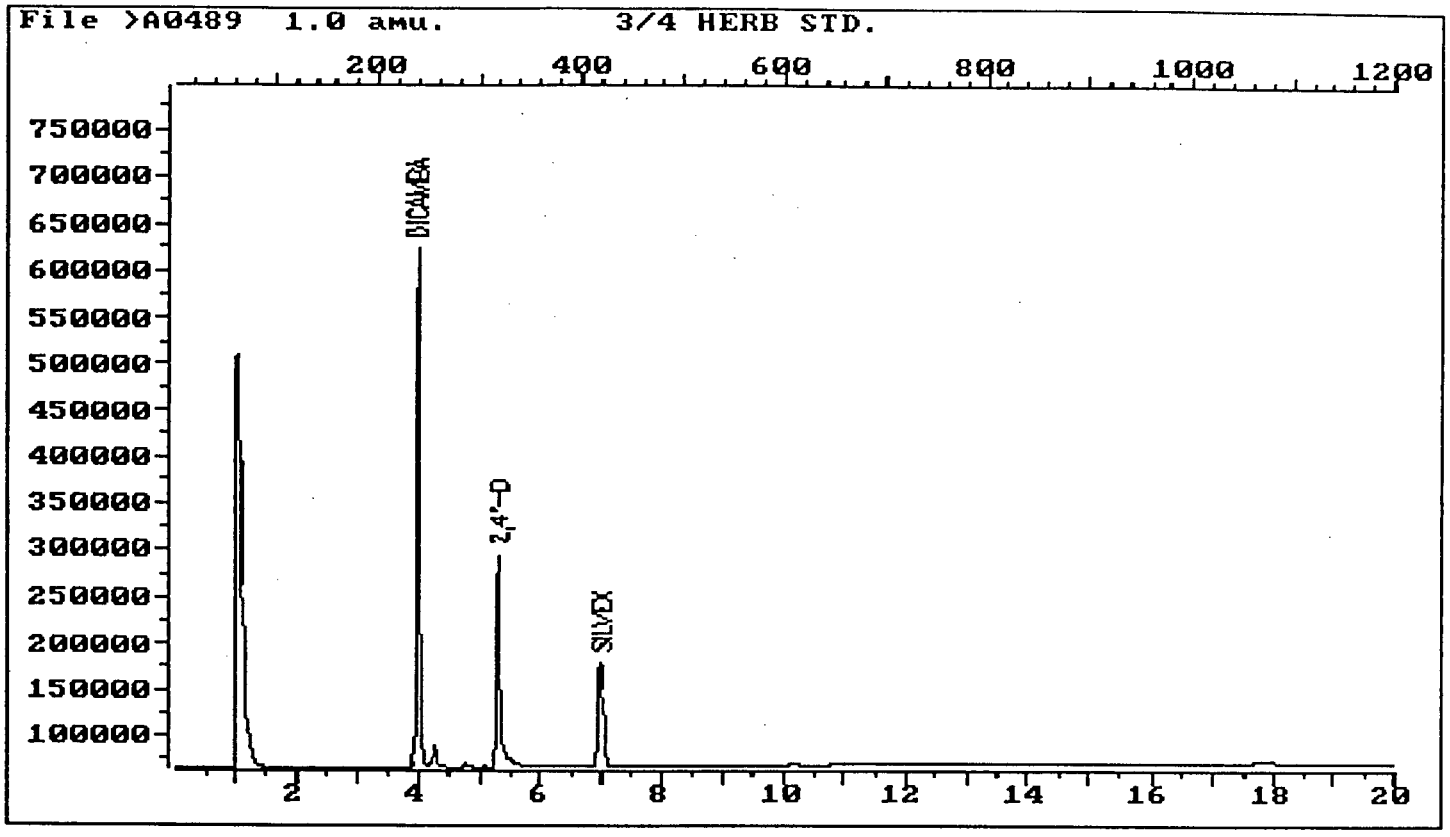
Operator ID: JEFF
Output File: ^A0489::QT
Data File: >A0489::G1
Name: 3/4 HERB STD.
Misc:

Quant Rev: 7 Quant Time: 991116 11:27
Injected at: 991116 11:06
Dilution Factor: 1.00000
Instrument ID: A

ID File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	3.98	239	2034203	2034203.	NO CALIB100	
2)	#2,4'-D	5.30	318	1094005	1094005.	NO CALIB100	
3)	#SILVEX	7.00	420	481834	481834.0	NO CALIB100	

Compound uses ESTD



Data File: >A0489::G1 Quant Output File: ^A0489::QT
Name: 3/4 HERB STD. Instrument ID: A
Misc:

Id File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:17

Operator ID: JEFF
Quant Time : 991116 11:27
Injected at: 991116 11:06

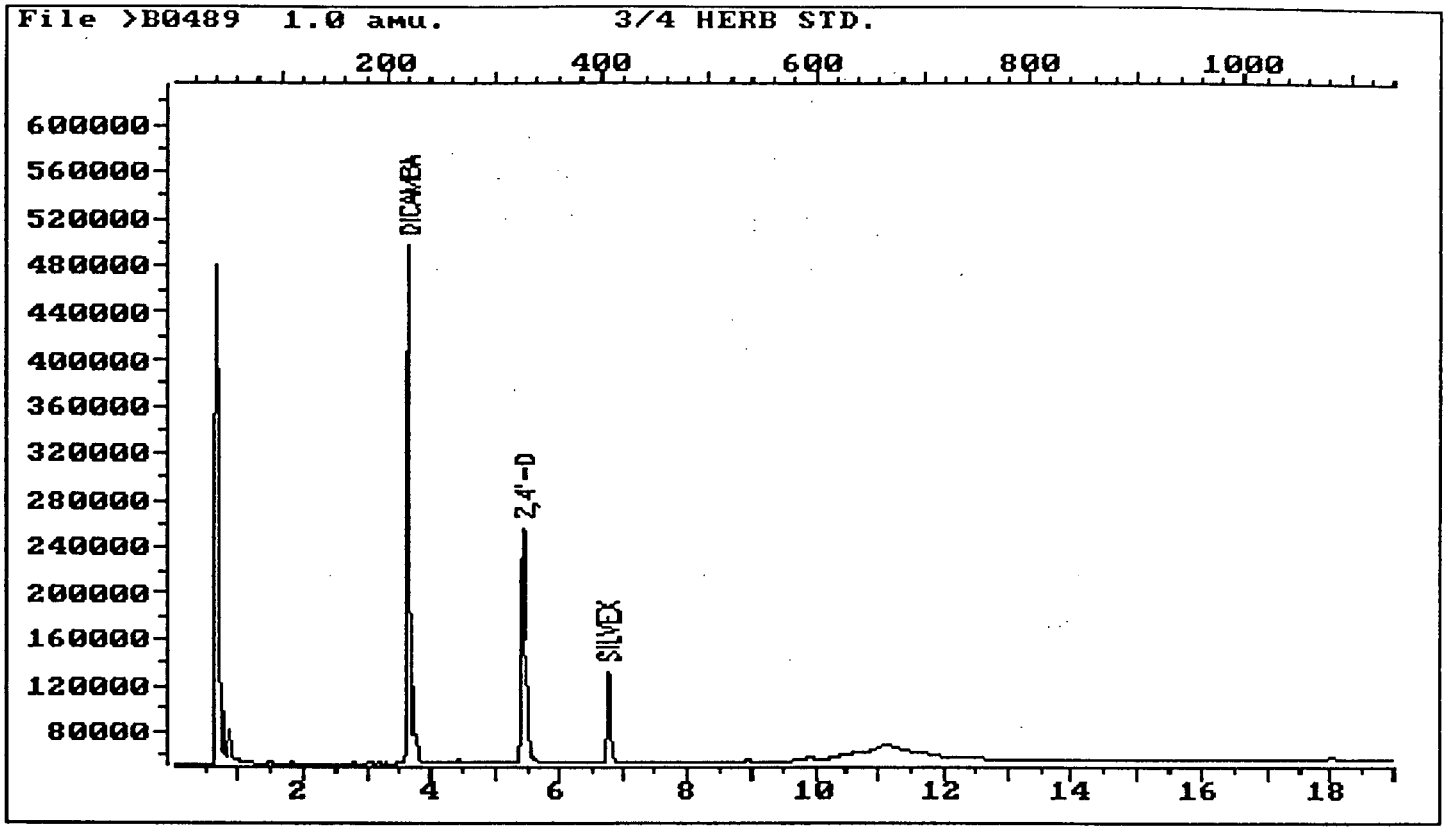
Operator ID: JEFF
Output File: ^B0489::QT
Data File: >B0489::G1
Name: 3/4 HERB STD.
Misc:

Quant Rev: 7 Quant Time: 991116 11:52
Injected at: 991116 11:32
Dilution Factor: 1.00000
Instrument ID: B

ID File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:43

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	3.65	219	1546191	1546191.	NO CALIB100	
2)	#2,4'-D	5.45	327	853460	853460.0	NO CALIB100	
3)	#SILVEX	6.77	406	349720	349720.0	NO CALIB100	

Compound uses ESTD



Data File: >B0489::G1 Quant Output File: ^B0489::QT
Name: 3/4 HERB STD. Instrument ID: B
Misc:

Id File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:43

Operator ID: JEFF
Quant Time : 991116 11:52
Injected at: 991116 11:32

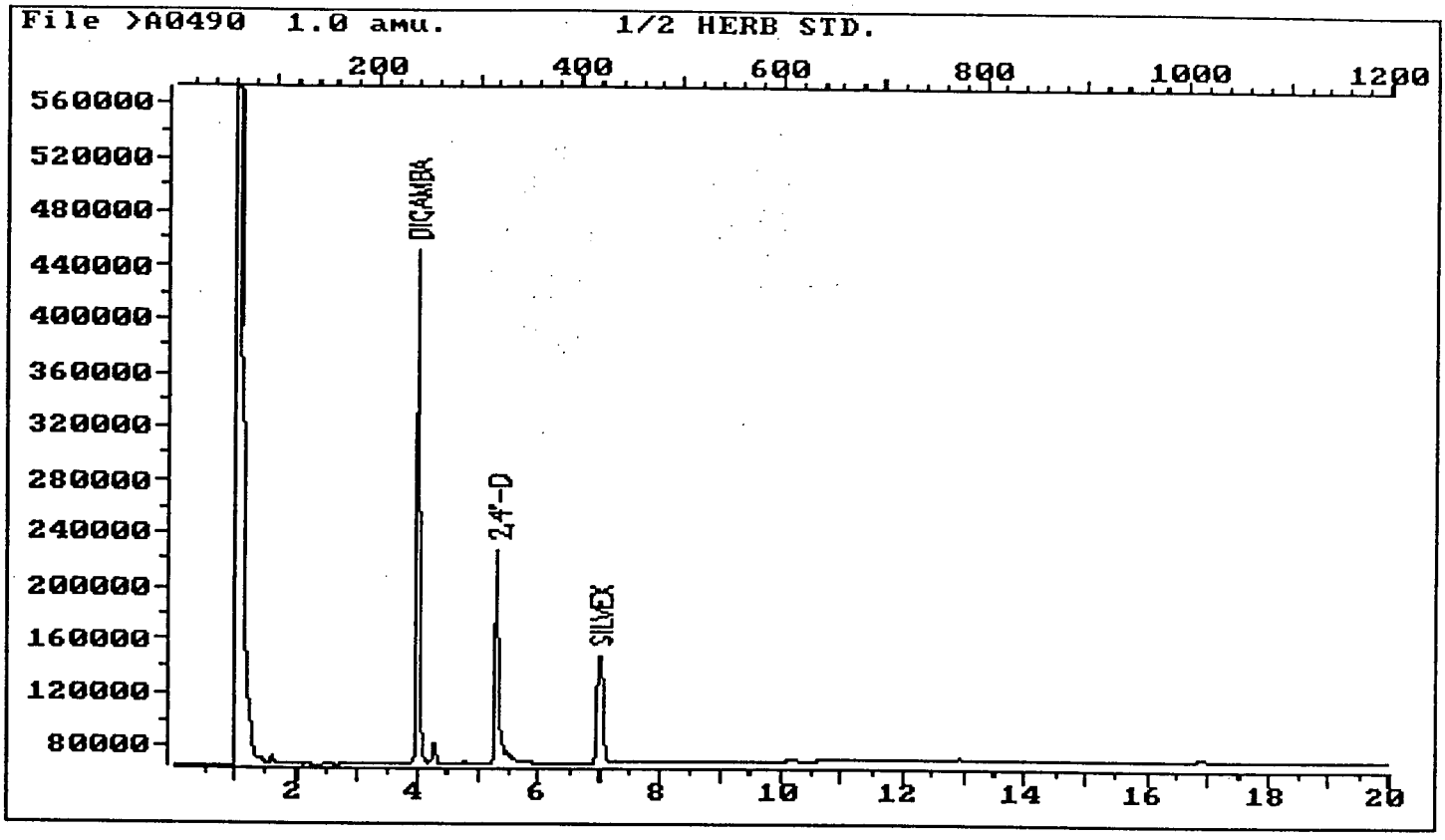
Operator ID: JEFF
Output File: ^A0490::QT
Data File: >A0490::G1
Name: 1/2 HERB STD.
Misc:

Quant Rev: 7 Quant Time: 991116 11:52
Injected at: 991116 11:32
Dilution Factor: 1.00000
Instrument ID: A

ID File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	4.00	240	1458326	1458326.	NO CALIB	100
2)	#2,4'-D	5.32	319	788108	788108.0	NO CALIB	100
3)	#SILVEX	7.02	421	346392	346392.0	NO CALIB	100

Compound uses ESTD



Data File: >A0490::G1 Quant Output File: ^A0490::QT
Name: 1/2 HERB STD. Instrument ID: A
Misc:

Id File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:17

Operator ID: JEFF
Quant Time : 991116 11:52
Injected at: 991116 11:32

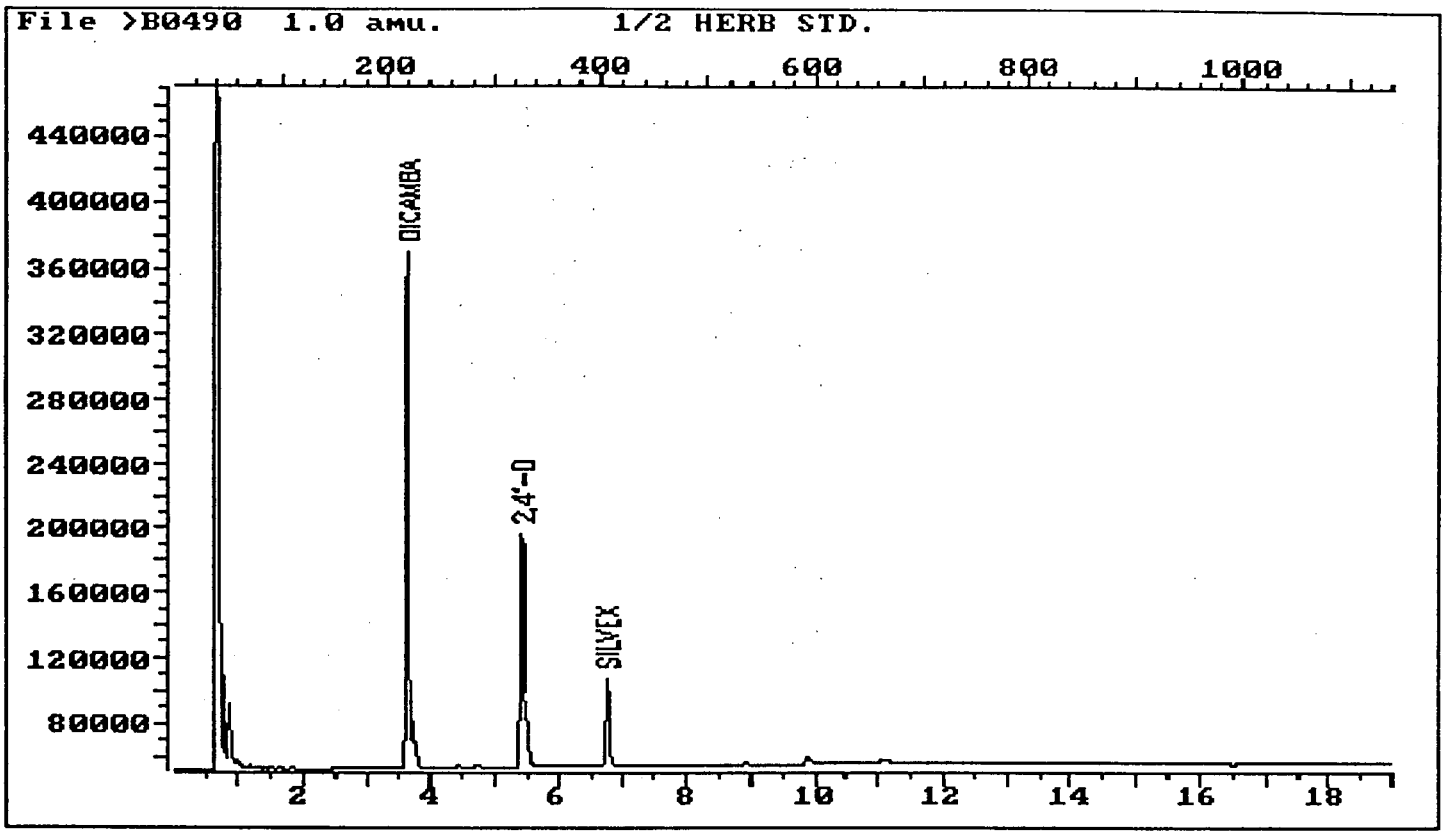
Operator ID: JEFF
Output File: ^B0490::QT
Data File: >B0490::G1
Name: 1/2 HERB STD.
Misc:

Quant Rev: 7 Quant Time: 991116 12:17
Injected at: 991116 11:57
Dilution Factor: 1.00000
Instrument ID: B

ID File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:43

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	3.65	219	1093037	1093037.	NO CALIB100	
2)	#2,4'-D	5.43	326	630090	630090.0	NO CALIB100	
3)	#SILVEX	6.77	406	246248	246248.0	NO CALIB100	

Compound uses ESTD



Data File: >B0490::G1 Quant Output File: ^B0490::QT
Name: 1/2 HERB STD. Instrument ID: B
Misc:

Id File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:43

Operator ID: JEFF
Quant Time : 991116 12:17
Injected at: 991116 11:57

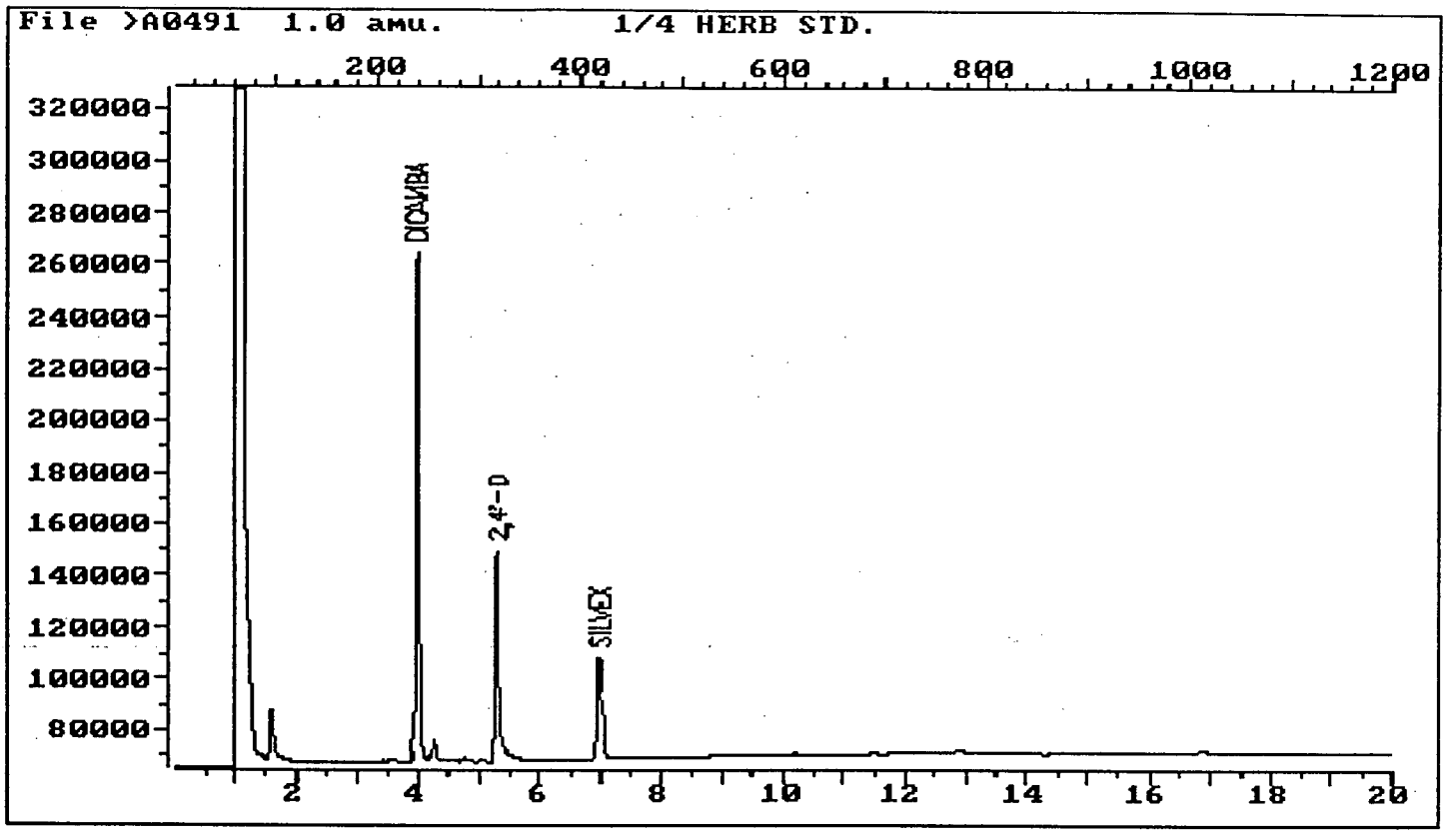
Operator ID: JEFF
Output File: ^A0491::QT
Data File: >A0491::G1
Name: 1/4 HERB STD.
Misc:

Quant Rev: 7 Quant Time: 991116 12:18
Injected at: 991116 11:57
Dilution Factor: 1.00000
Instrument ID: A

ID File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	3.98	239	765036	765036.0	NO CALIB100	
2)	#2,4'-D	5.30	318	420704	420704.0	NO CALIB100	
3)	#SILVEX	6.98	419	178008	178008.0	NO CALIB100	

Compound uses ESTD



Data File: >A0491::G1 Quant Output File: ^A0491::QT
Name: 1/4 HERB STD. Instrument ID: A
Misc:

Id File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:17

Operator ID: JEFF
Quant Time : 991116 12:18
Injected at: 991116 11:57

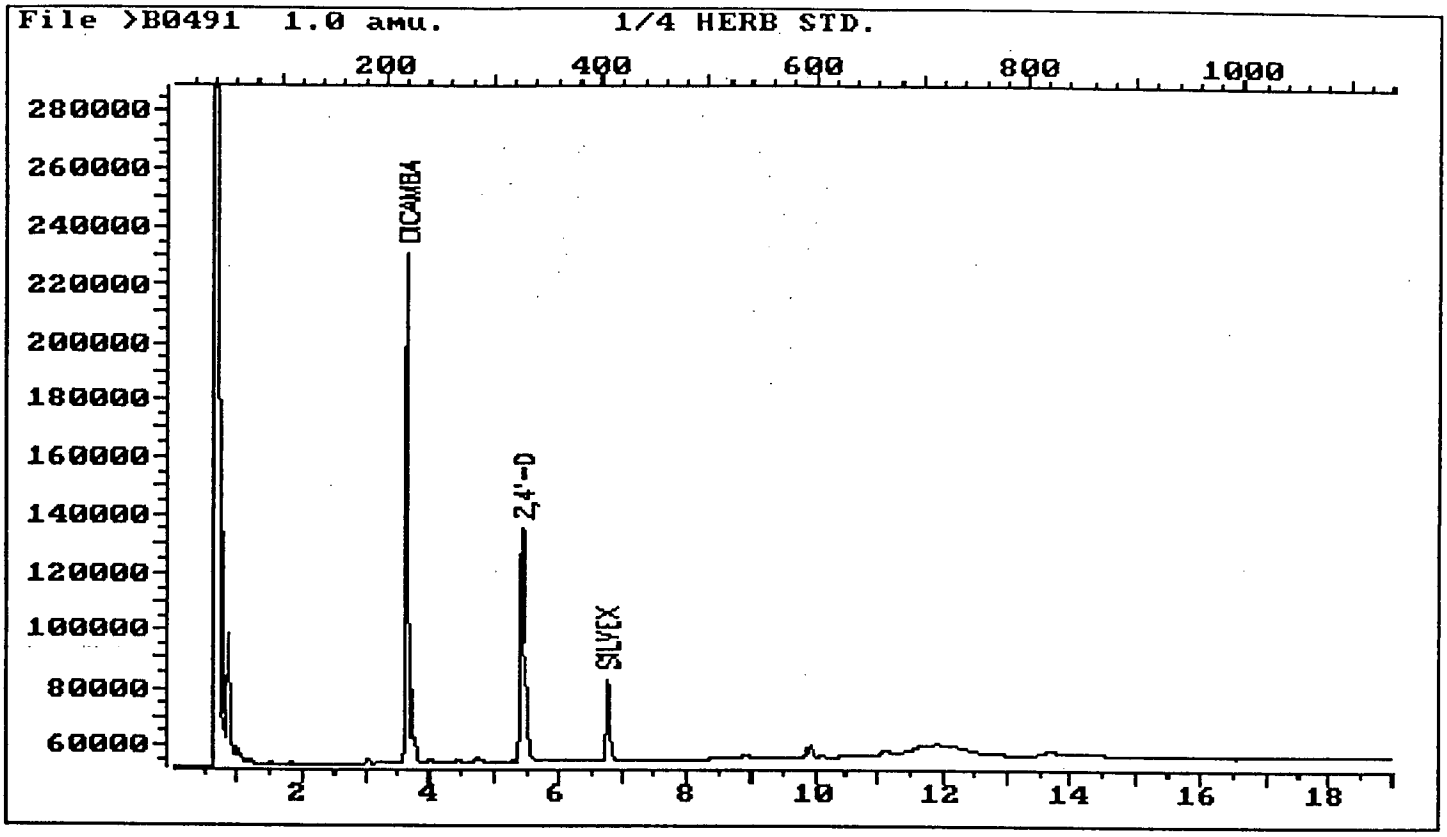
Operator ID: JEFF
Output File: ^B0491::QT
Data File: >B0491::G1
Name: 1/4 HERB STD.
Misc:

Quant Rev: 7 Quant Time: 991116 12:42
Injected at: 991116 12:22
Dilution Factor: 1.00000
Instrument ID: B

ID File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:43

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	3.65	219	617770	617770.0	NO CALIB100	
2)	#2,4'-D	5.45	327	349551	349551.0	NO CALIB100	
3)	#SILVEX	6.77	406	127720	127720.0	NO CALIB100	

Compound uses ESTD



Data File: >B0491::G1 Quant Output File: ^B0491::QT
Name: 1/4 HERB STD. Instrument ID: B
Misc:

Id File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:43

Operator ID: JEFF
Quant Time : 991116 12:42
Injected at: 991116 12:22

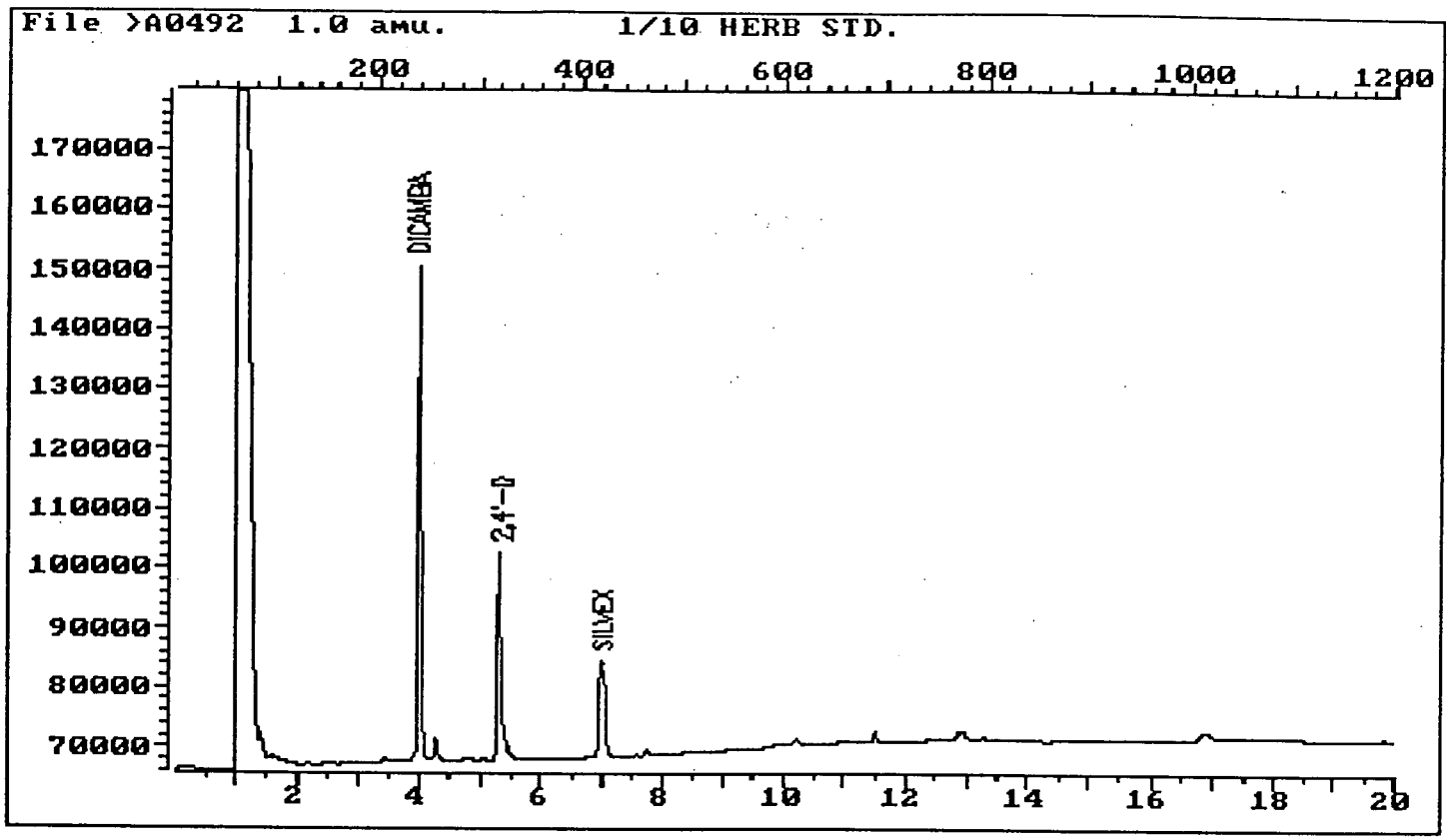
Operator ID: JEFF
Output File: ^A0492::QT
Data File: >A0492::G1
Name: 1/10 HERB STD.
Misc:

Quant Rev: 7 Quant Time: 991116 12:43
Injected at: 991116 12:22
Dilution Factor: 1.00000
Instrument ID: A

ID File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:17

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	3.98	239	332983	332983.0	NO CALIB	100
2)	#2,4'-D	5.32	319	185752	185752.0	NO CALIB	100
3)	#SILVEX	7.00	420	71696	71696.00	NO CALIB	100

Compound uses ESTD



Data File: >A0492::G1 Quant Output File: ^A0492::QT
Name: 1/10 HERB STD. Instrument ID: A
Misc:

Id File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:17

Operator ID: JEFF
Quant Time : 991116 12:43
Injected at: 991116 12:22

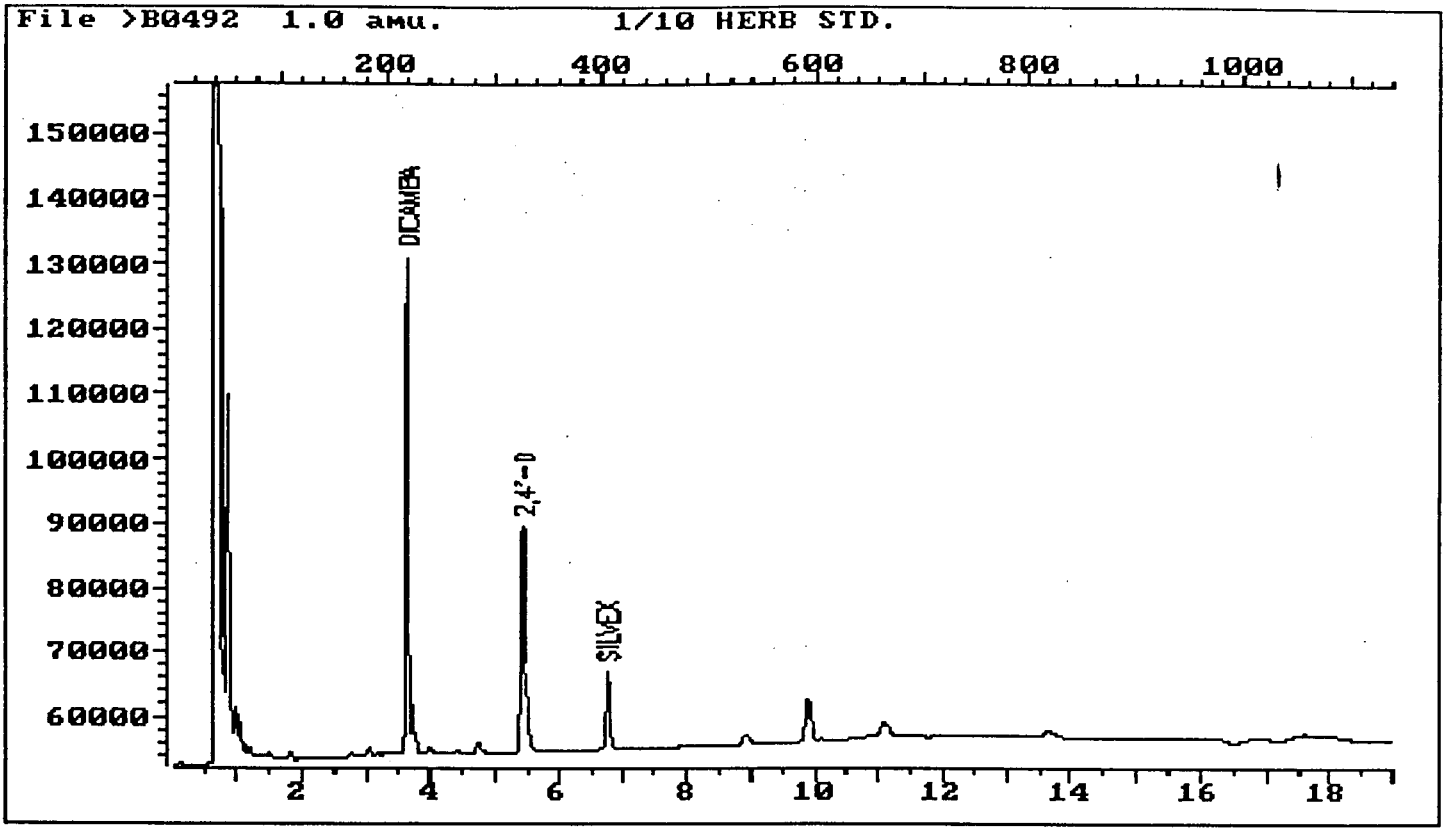
Operator ID: JEFF
Output File: ^B0492::QT
Data File: >B0492::G1
Name: 1/10 HERB STD.
Misc:

Quant Rev: 7 Quant Time: 991116 13:08
Injected at: 991116 12:48
Dilution Factor: 1.00000
Instrument ID: B

ID File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:43

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	3.65	219	260135	260135.0	NO CALIB	100
2)	#2,4'-D	5.45	327	152003M	152003.0	NO CALIB	100
3)	#SILVEX	6.77	406	55927	55927.00	NO CALIB	100

Compound uses ESTD



Data File: >B0492::G1 Quant Output File: ^B0492::QT
Name: 1/10 HERB STD. Instrument ID: B
Misc:

Id File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991116 10:49 Last Qcal Time: 991103 11:43

Operator ID: JEFF
Quant Time : 991116 13:08
Injected at: 991116 12:48

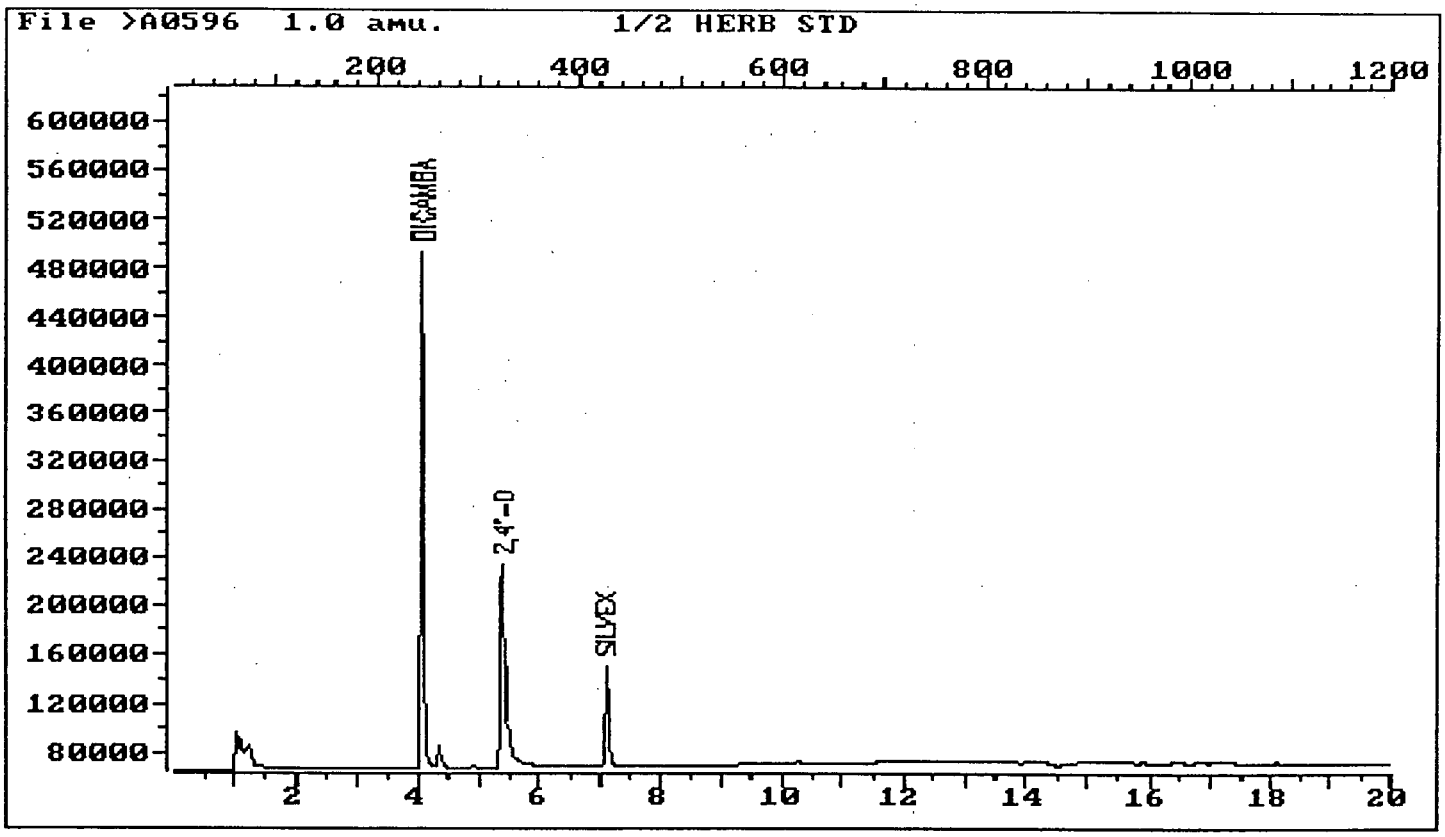
Operator ID: JEFF
Output File: ^A0596::QT
Data File: >A0596::G4
Name: 1/2 HERB STD
Misc:

Quant Rev: 7 Quant Time: 991208 18:32
Injected at: 991208 18:11
Dilution Factor: 1.00000
Instrument ID: A

ID File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991206 14:01

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	4.07	244	1628924	.555	UG/ML	100
2)	#2,4'-D	5.40	324	917757	.556	UG/ML	100
3)	#SILVEX	7.10	426	369392	.0549	UG/ML	100

Compound uses ESTD



Data File: >A0596::G4 Quant Output File: ^A0596::QT
Name: 1/2 HERB STD Instrument ID: A
Misc:

Id File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991206 14:01

Operator ID: JEFF
Quant Time : 991208 18:32
Injected at: 991208 18:11

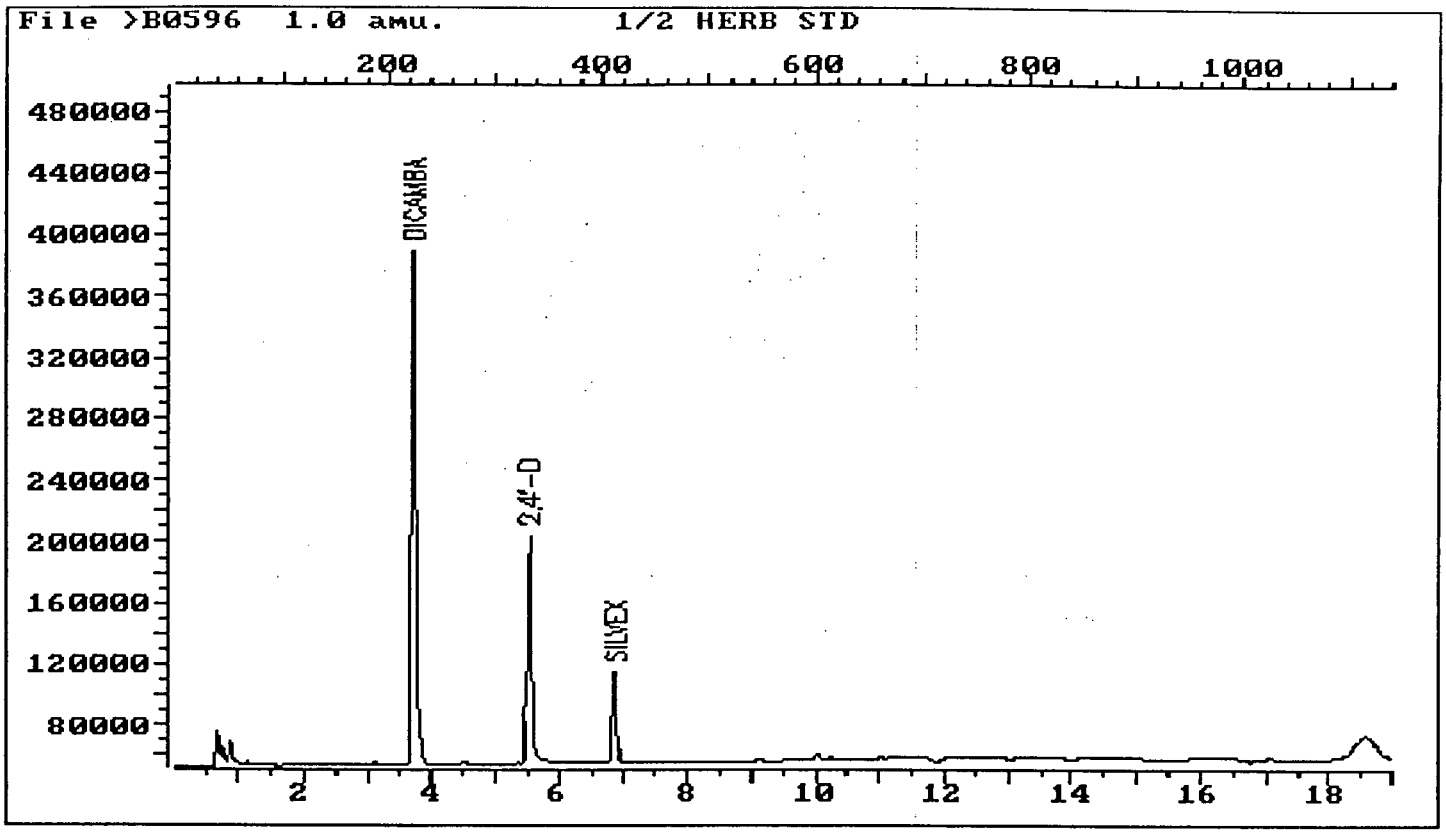
Operator ID: JEFF
Output File: ^B0596::QT
Data File: >B0596::G4
Name: 1/2 HERB STD
Misc:

Quant Rev: 7 Quant Time: 991209 08:22
Injected at: 991208 18:36
Dilution Factor: 1.00000
Instrument ID: B

ID File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991206 14:01

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	3.72	223	1194157	.526	UG/ML	100
2)	#2,4'-D	5.53	332	690442	.533	UG/ML	100
3)	#SILVEX	6.87	412	274175	.0520	UG/ML	100

Compound uses ESTD



Data File: >B0596::G4 Quant Output File: ^B0596::QT
Name: 1/2 HERB STD Instrument ID: B
Misc:

Id File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991206 14:01

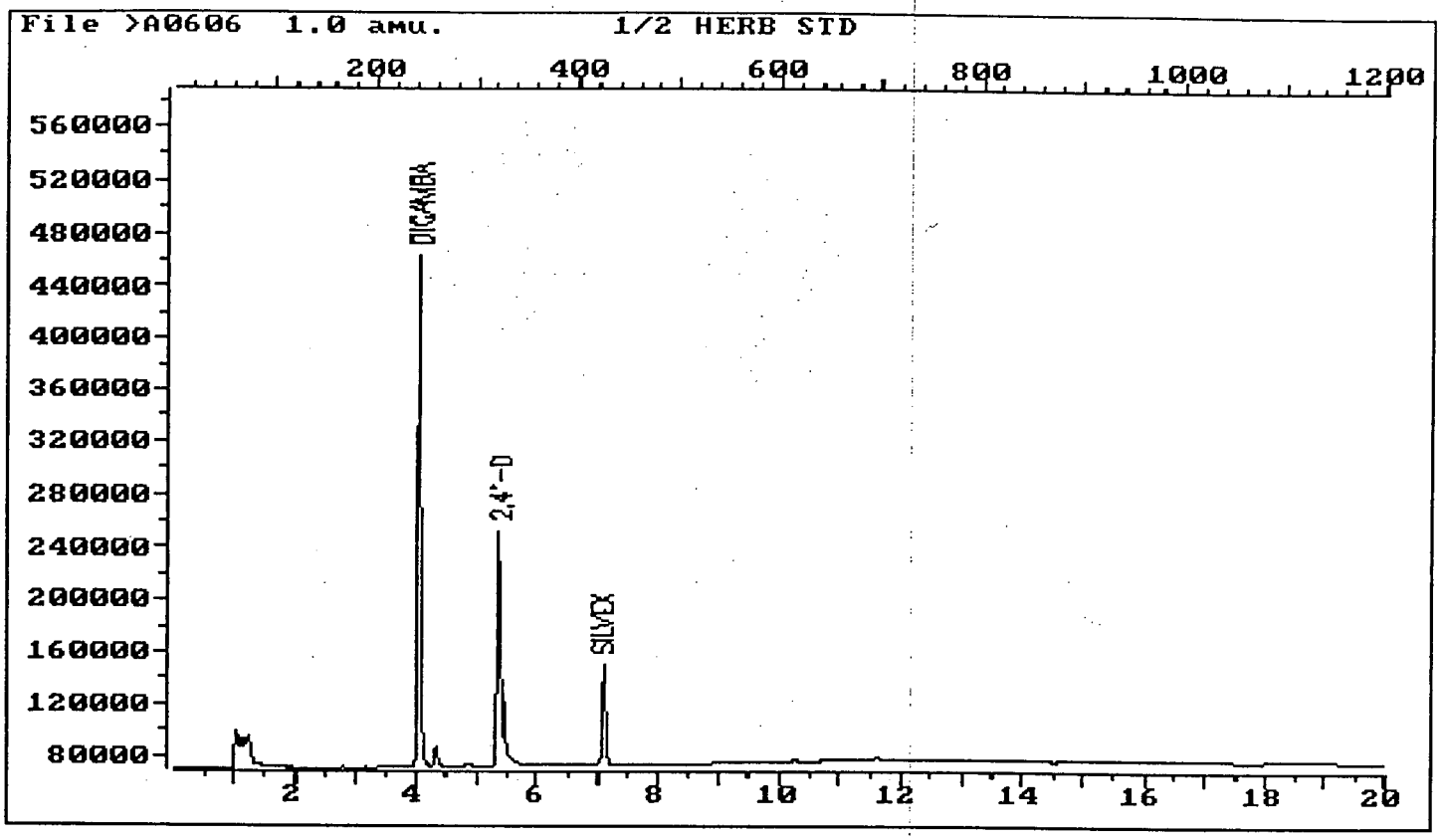
Operator ID: JEFF
Quant Time : 991209 08:22
Injected at: 991208 18:36

Operator ID: JEFF Quant Rev: 7 Quant Time: 991208 22:46
Output File: ^A0606::QT Injected at: 991208 22:25
Data File: >A0606::G4 Dilution Factor: 1.00000
Name: 1/2 HERB STD Instrument ID: A
Misc:

ID File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:11

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	4.05	243	1502137	.461	UG/ML	100
2)	#2,4'-D	5.38	323	896948	.489	UG/ML	100
3)	#SILVEX	7.08	425	351175	.0475	UG/ML	100

Compound uses ESTD



Data File: >A0606::G4 Quant Output File: ^A0606::QT
Name: 1/2 HERB STD Instrument ID: A
Misc:

Id File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:11

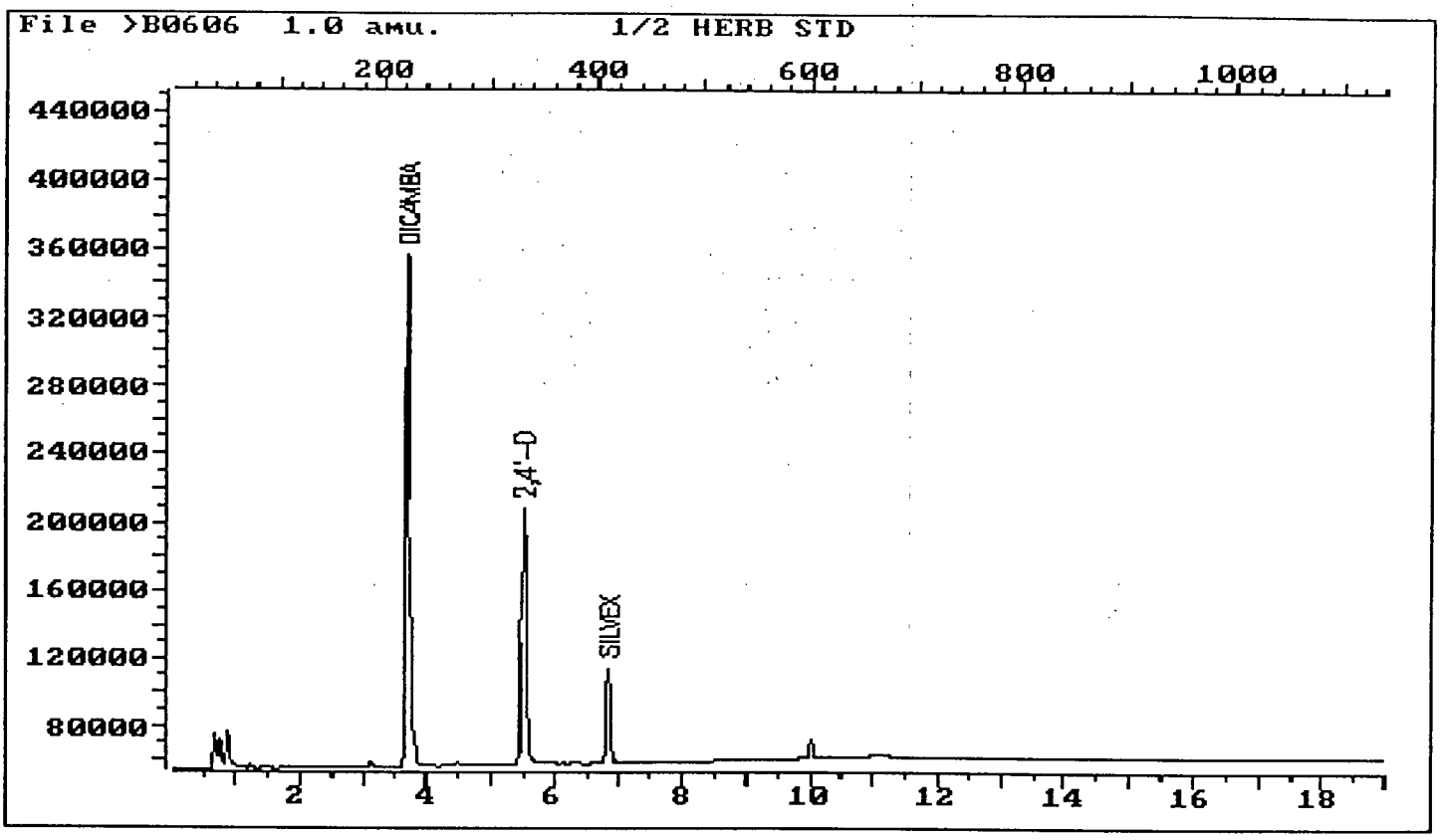
Operator ID: JEFF
Quant Time : 991208 22:46
Injected at: 991208 22:25

Operator ID: JEFF Quant Rev: 7 Quant Time: 991209 08:49
Output File: ^B0606::QT Injected at: 991208 22:50
Data File: >B0606::G4 Dilution Factor: 1.00000
Name: 1/2 HERB STD Instrument ID: B
Misc:

ID File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:36

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	3.70	222	1085214	.454	UG/ML	100
2)	#2,4'-D	5.52	331	659275	.477	UG/ML	100
3)	#SILVEX	6.83	410	258391	.0471	UG/ML	100

Compound uses ESTD



Data File: >B0606::G4 Quant Output File: ^B0606::QT
Name: 1/2 HERB STD Instrument ID: B
Misc:

Id File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:36

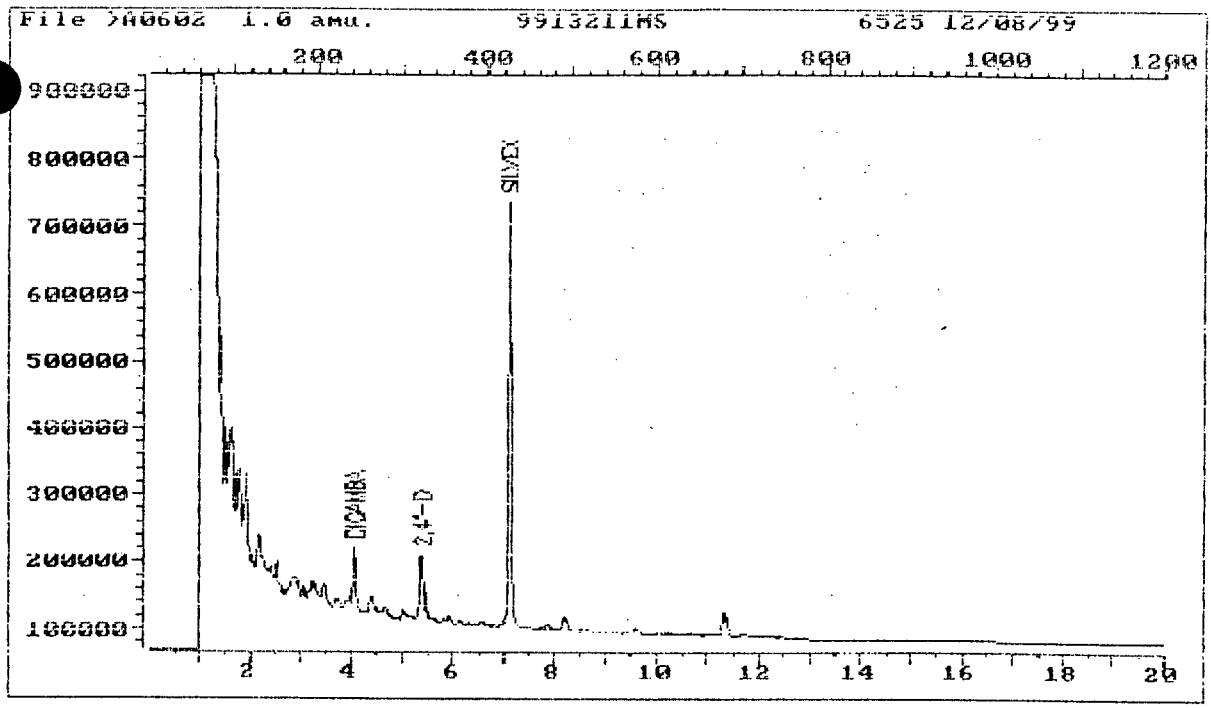
Operator ID: JEFF
Quant Time : 991209 08:49
Injected at: 991208 22:50

Operator ID: JEFF Quant Rev: 7 Quant Time: 991208 21:04
Output File: ^A0602::QT Injected at: 991208 20:44
Data File: >A0602::G4 Dilution Factor: 1.00000
Name: 9913211MS Instrument ID: A
Misc: 6525 12/08/99 ITS 19AGCOMP

ID File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:11

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #DICAMBA	4.07	244	407062	.125	UG/ML	100
2) #2,4'-D	5.38	323	453928	.247	UG/ML	100
3) #SILVEX	7.10	426	2802741	.379	UG/ML	100

Compound uses ESTD



Data File: >A0602::G4 Quant Output File: ^A0602::QT
Name: 9913211MS Instrument ID: A
Misc: 6525 12/08/99 ITS 19AGCOMP

Id File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:11

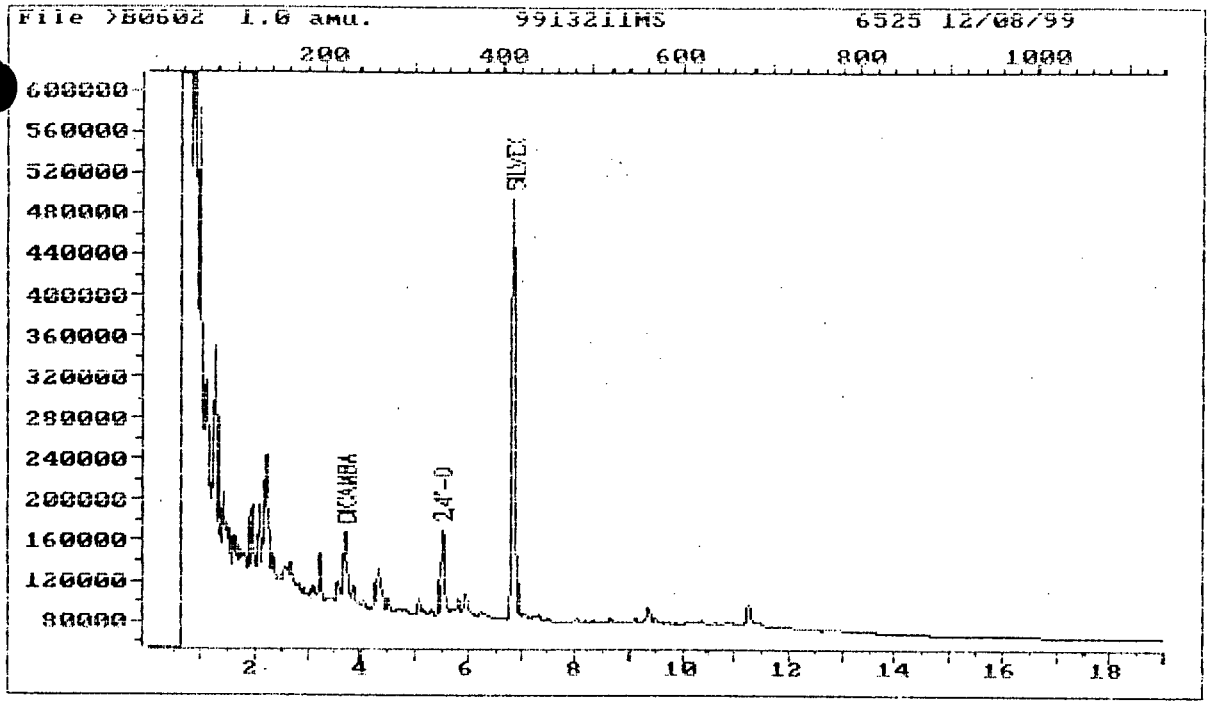
Operator ID: JEFF
Quant Time : 991208 21:04
Injected at: 991208 20:44

Operator ID: JEFF Quant Rev: 7 Quant Time: 991209 08:48
Output File: ^B0602::QT Injected at: 991208 21:09
Data File: >B0602::G4 Dilution Factor: 1.00000
Name: 9913211MS Instrument ID: B
Misc: 6525 12/08/99 ITS 19AGCOMP

ID File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:36

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	3.72	223	288515	.121	UG/ML	100
2)	#2,4'-D	5.52	331	387674	.281	UG/ML	100
3)	#SILVEX	6.85	411	1869943	.341	UG/ML	100

Compound uses ESTD



Data File: >B0602::G4 Quant Output File: ^B0602::QT
Name: 9913211MS Instrument ID: B
Misc: 6525 12/08/99 ITS 19AGCOMP

Id File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:36

Operator ID: JEFF
Quant Time : 991209 08:48
Injected at: 991208 21:09

Operator ID: JEFF
Output File: ^A0597::QT
Data File: >A0597::G4
Name: HBLK12
Misc: 12/08/99

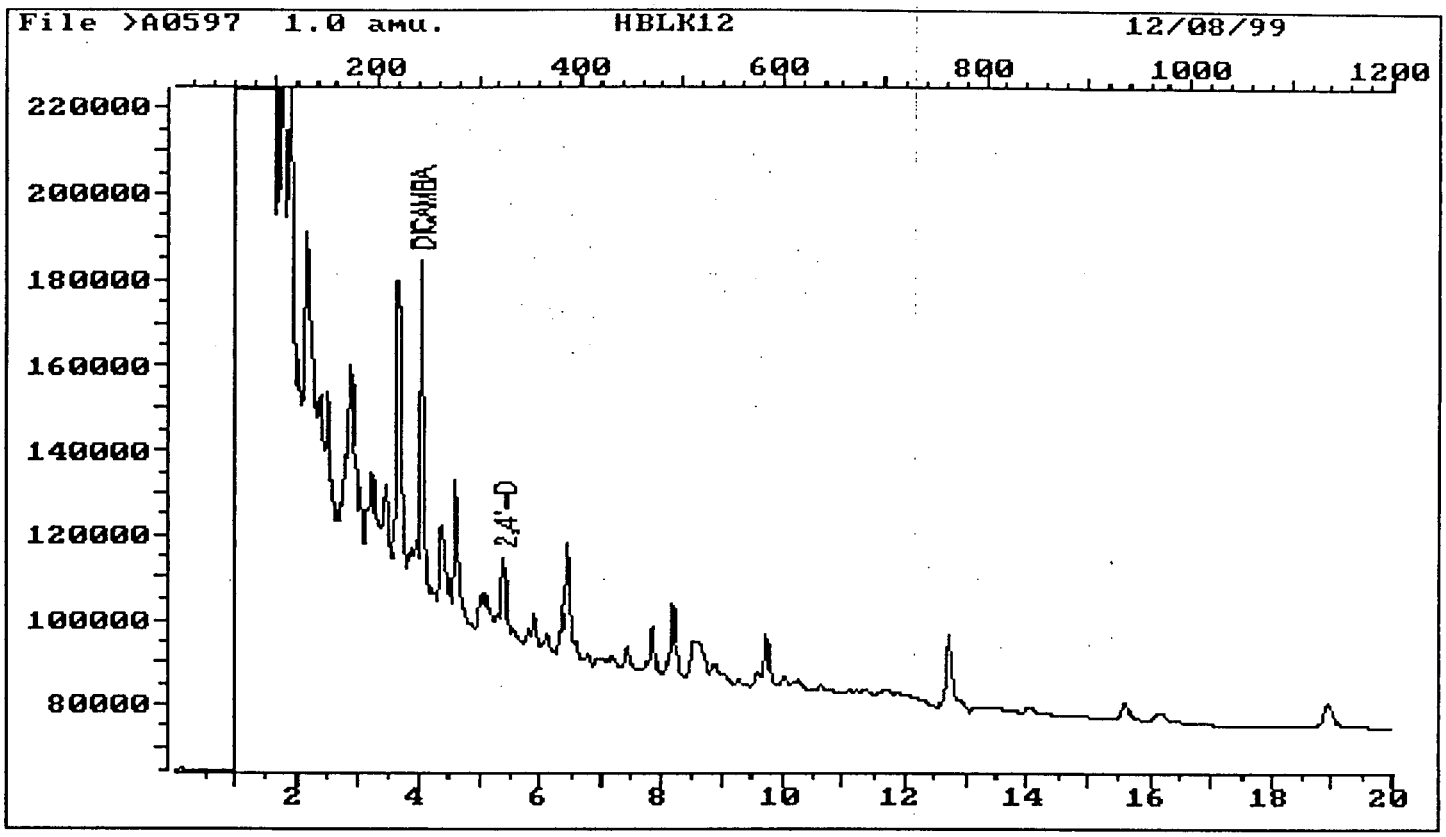
Quant Rev: 7 Quant Time: 991208 18:57
Injected at: 991208 18:36
Dilution Factor: 1.00000
Instrument ID: A

ID File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:11

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #DICAMBA	4.05	243	327307	.100	UG/ML	100
~~2) #2,4'-D~~	5.42	325	76487	.0417	UG/ML	100

Compound uses ESTD

JH 12/9/99



Data File: >A0597::G4 Quant Output File: ^A0597::QT
Name: HBLK12 Instrument ID: A
Misc: 12/08/99

Id File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:11

Operator ID: JEFF
Quant Time : 991208 18:57
Injected at: 991208 18:36

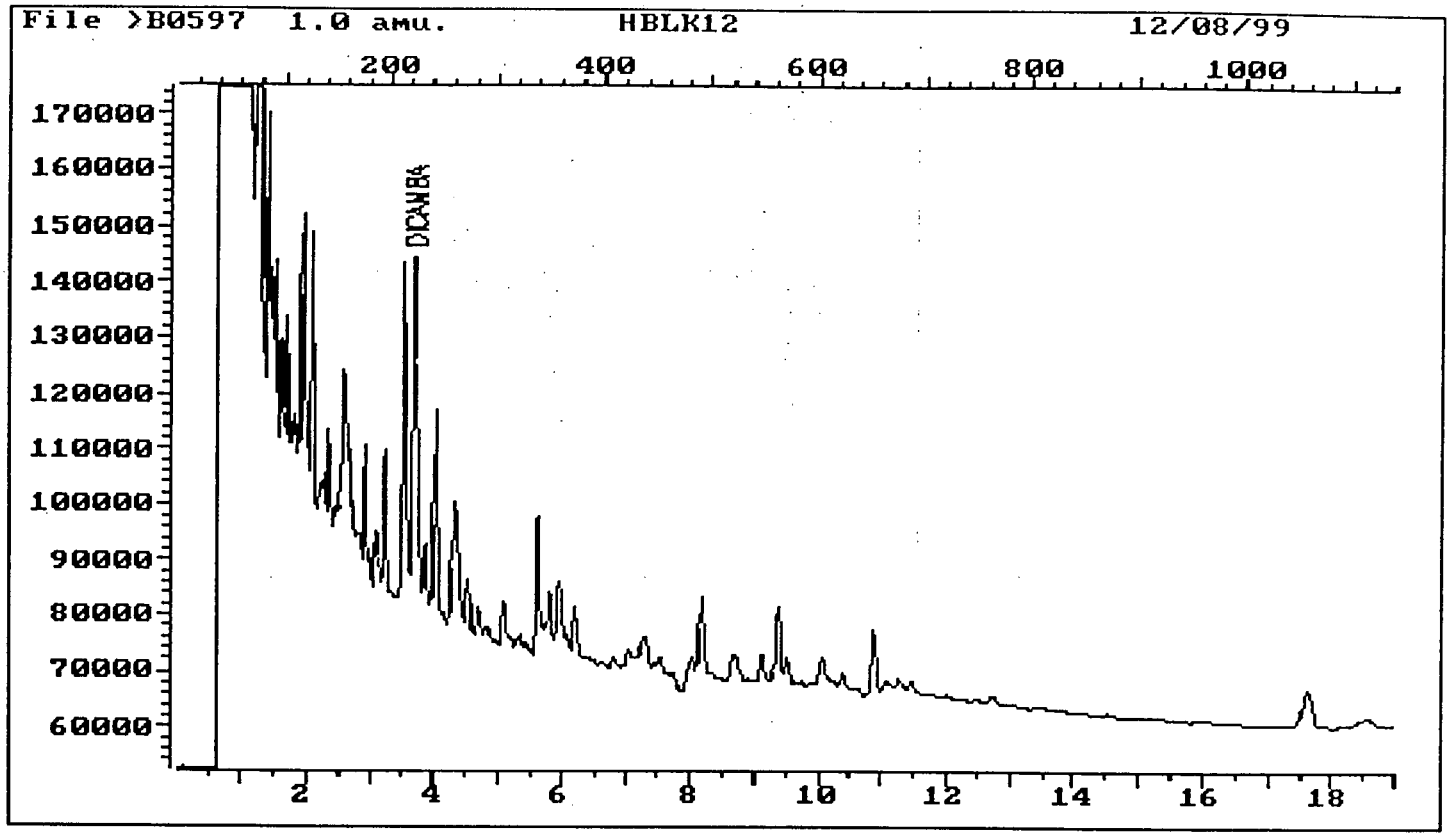
Operator ID: JEFF
Output File: ^B0597::QT
Data File: >B0597::G4
Name: HBLK12
Misc: 12/08/99

Quant Rev: 7 Quant Time: 991209 08:46
Injected at: 991208 19:01
Dilution Factor: 1.00000
Instrument ID: B

ID File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:36

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	3.72	223	227763	.0954	UG/ML	100

Compound uses ESTD



Data File: >B0597::G4 Quant Output File: ^B0597::QT
Name: HBLK12 Instrument ID: B
Misc: 12/08/99

Id File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:36

Operator ID: JEFF
Quant Time : 991209 08:46
Injected at: 991208 19:01

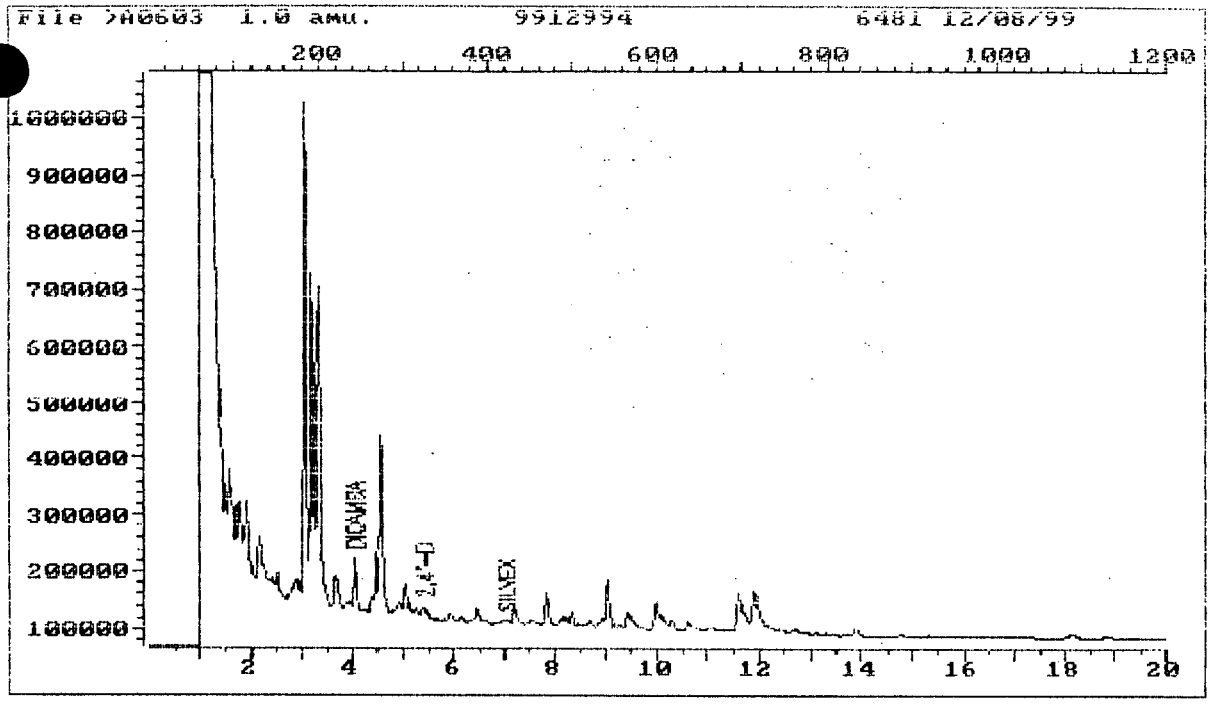
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 21:30
utput File: ^A0603::QT Injected at: 991208 21:09
ata File: >A0603::G4 Dilution Factor: 1.00000
ame: 9912994 Instrument ID: A
isc: 6481 12/08/99 OE DCOMP-1

D File: IDHRB1::G5
itle: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
ast Calibration: 991118 09:30 Last Qcal Time: 991208 18:11

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #DICAMBA	4.05	243	358406	.110	UG/ML	100
~~2) #2,4'-D~~	5.42	325	109936	.0599	UG/ML	100
~~3) #SILVEX~~	7.05	423	55645	.00753	UG/ML	100

Compound uses ESTD

JH 12/9/99



Data File: >A0603::G4 Quant Output File: ^A0603::QT
Name: 9912994 Instrument ID: A
Misc: 6481 12/08/99 OE DCOMP-1

Id File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:11

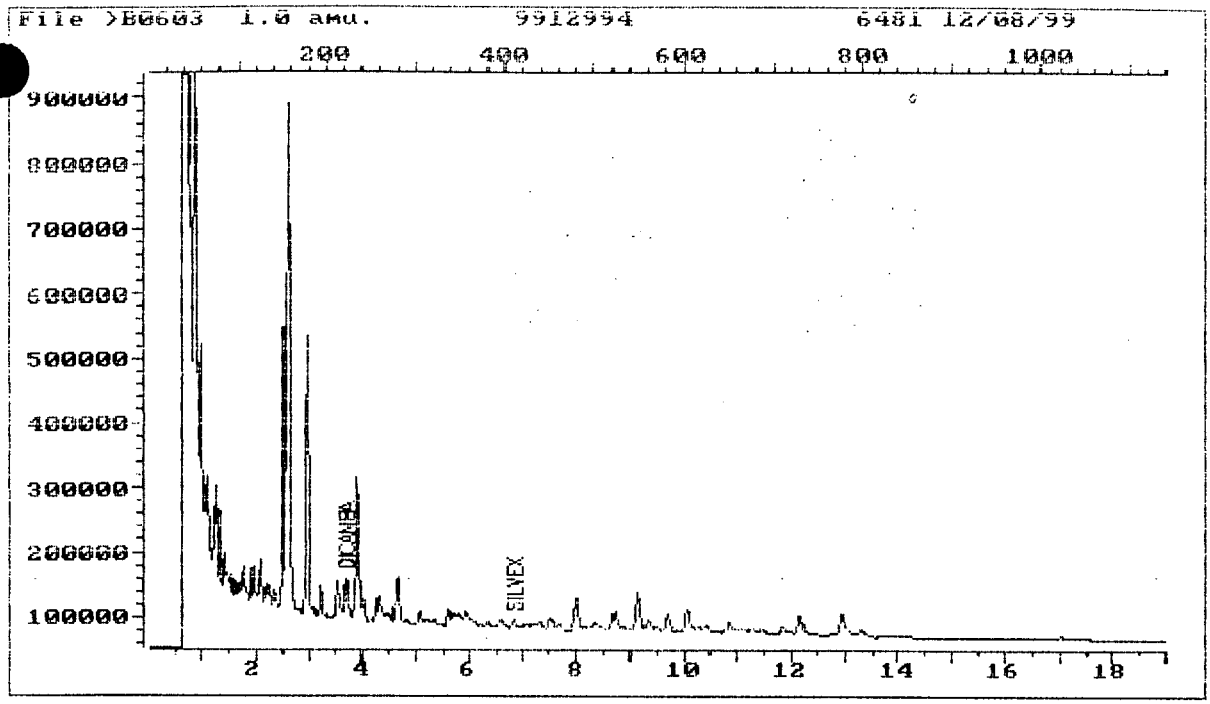
Operator ID: JEFF
Quant Time : 991208 21:30
Injected at: 991208 21:09

rator ID: JEFF Quant Rev: 7 Quant Time: 991209 08:48
put File: ^B0603::QT Injected at: 991208 21:34
ata File: >B0603::G4 Dilution Factor: 1.00000
ame: 9912994 Instrument ID: B
isc: 6481 12/08/99 OE DCOMP-1

D File: IDHRB2::G5
itle: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
ast Calibration: 991118 09:30 Last Qcal Time: 991208 18:36

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #DICAMBA	3.70	222	242068	.101	UG/ML	100
~~3) #SILVEX~~	6.83	410	57528	.0105	UG/ML	100

Compound uses ESTD



Data File: >B0603::G4 Quant Output File: ^B0603::QT
Name: 9912994 Instrument ID: B
Misc: 6481 12/08/99 OE DCOMP-1

Id File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:36

Operator ID: JEFF
Quant Time : 991209 08:48
Injected at: 991208 21:34

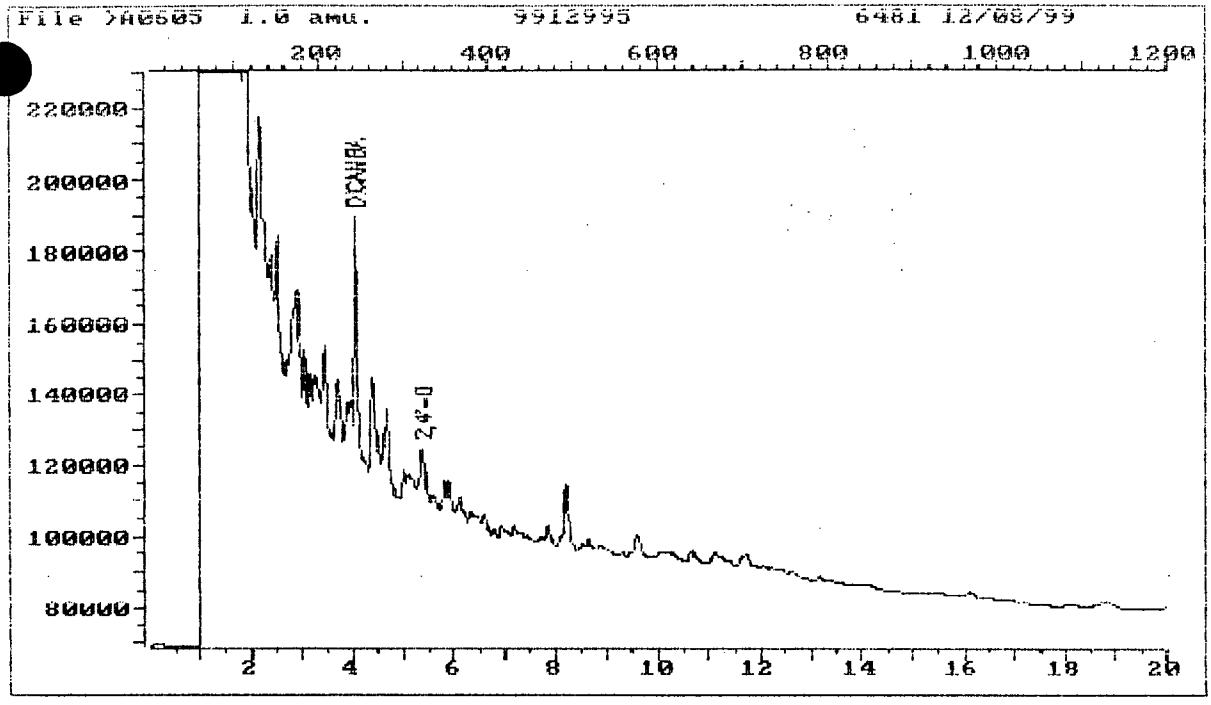
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 22:20
tput File: ^A0605::QT Injected at: 991208 21:59
ata File: >A0605::G4 Dilution Factor: 1.00000
ame: 9912995 Instrument ID: A
isc: 6481 12/08/99 OE DCOMP-2

D File: IDHRB1::G5
itle: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
ast Calibration: 991118 09:30 Last Qcal Time: 991208 18:11

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #DICAMBA	4.05	243	359491	.110	UG/ML	100
~~2) #2,4'-D~~	5.40	324	91863	.0500	UG/ML	100

Compound uses ESTD

JH 12/9/99



Data File: >A0605::G4 Quant Output File: ^A0605::QT
Name: 9912995 Instrument ID: A
Misc: 6481 12/08/99 OE DCOMP-2

Id File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:11

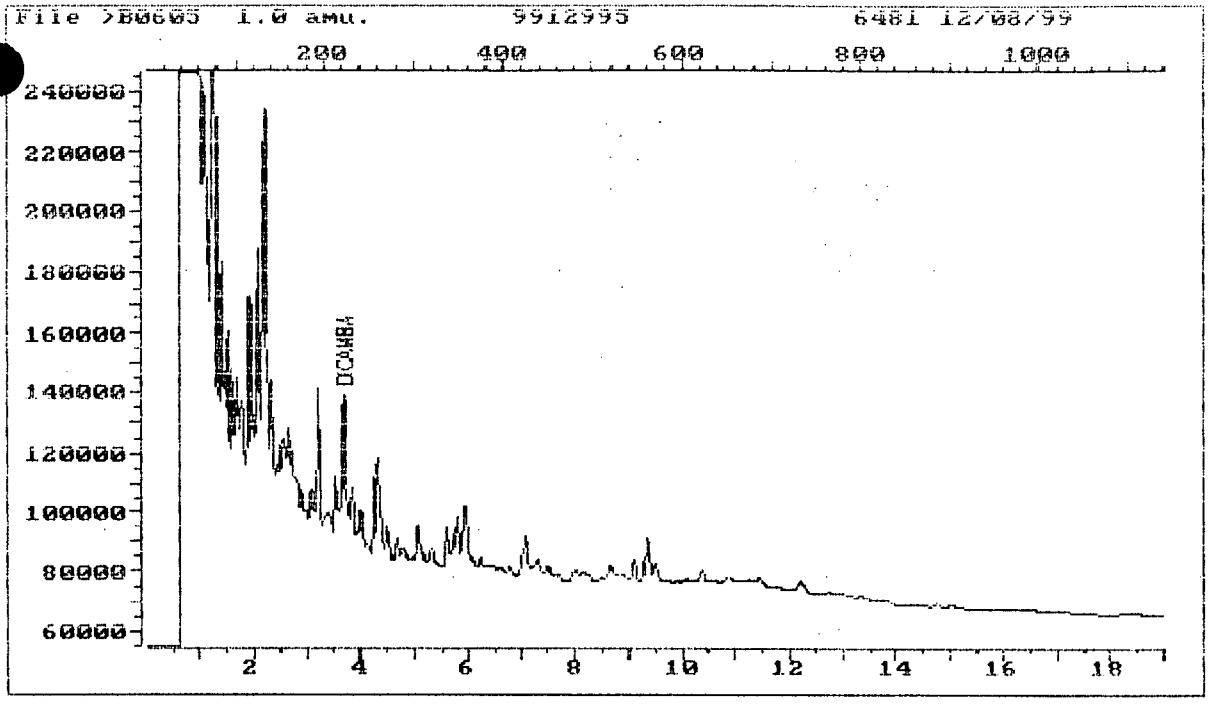
Operator ID: JEFF
Quant Time : 991208 22:20
Injected at: 991208 21:59

rator ID: JEFF Quant Rev: 7 Quant Time: 991209 08:48
utput File: ^B0605::QT Injected at: 991208 22:25
Data File: >B0605::G4 Dilution Factor: 1.00000
Name: 9912995 Instrument ID: B
Misc: 6481 12/08/99 OE DCOMP-2

ID File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:36

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #DICAMBA	3.70	222	197213	.0826	UG/ML	100

Compound uses ESTD



Data File: >B0605::G4 Quant Output File: ^B0605::QT
Name: 9912995 Instrument ID: B
Misc: 6481 12/08/99 OE DCOMP-2

Id File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:36

Operator ID: JEFF
Quant Time : 991209 08:48
Injected at: 991208 22:25

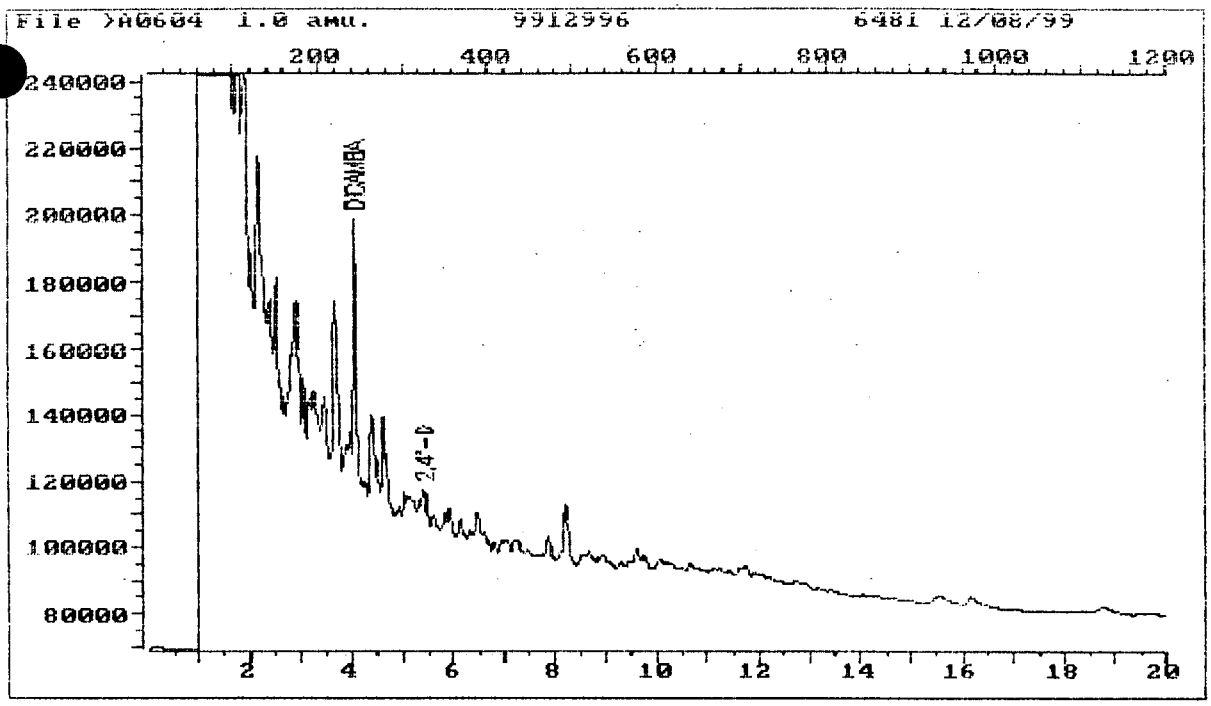
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 21:55
Output File: ^A0604::QT Injected at: 991208 21:34
Data File: >A0604::G4 Dilution Factor: 1.00000
Name: 9912996 Instrument ID: A
Misc: 6481 12/08/99 OE SP-1

LD File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:11

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #DICAMBA	4.07	244	339510	.104	UG/ML	100
~~2) #2,4' D~~	5.42	325	53688	.0292	UG/ML	100

Compound uses ESTD

JH 12/9/99



Data File: >A0604::G4 Quant Output File: ^A0604::QT
Name: 9912996 Instrument ID: A
Misc: 6481 12/08/99 OE SP-1

Id File: IDHRB1::G5
Title: HERBICIDES HP5890-A RTX-5 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:11

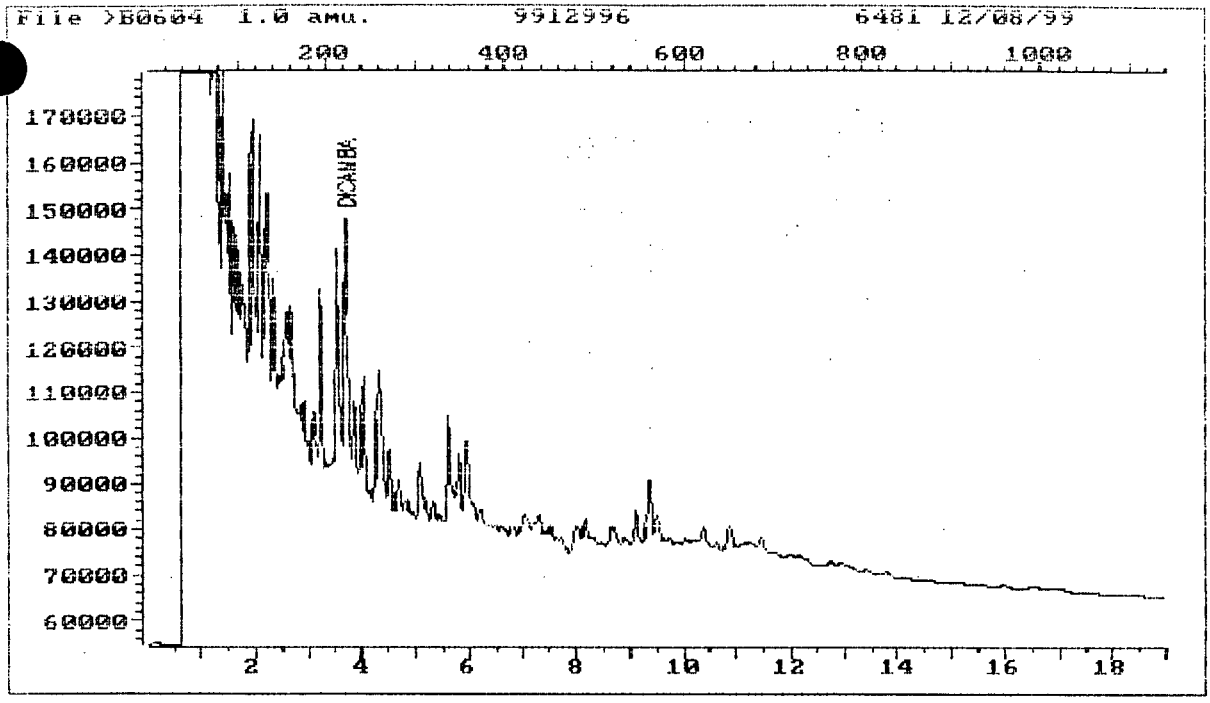
Operator ID: JEFF
Quant Time : 991208 21:55
Injected at: 991208 21:34

rator ID: JEFF Quant Rev: 7 Quant Time: 991209 08:48
utput File: ^B0604::QT Injected at: 991208 21:59
ata File: >B0604::G4 Dilution Factor: 1.00000
lame: 9912996 Instrument ID: B
lisc: 6481 12/08/99 OE SP-1

D File: IDHRB2::G5
itle: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
ast Calibration: 991118 09:30 Last Qcal Time: 991208 18:36

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#DICAMBA	3.72	223	213975	.0896	UG/ML	100

Compound uses ESTD



Data File: >B0604::G4 Quant Output File: ^B0604::QT
Name: 9912996 Instrument ID: B
Misc: 6481 12/08/99 OE SP-1

Id File: IDHRB2::G5
Title: HERBICIDES HP5890-B RTX-1701 0.53mm 1.0uL
Last Calibration: 991118 09:30 Last Qcal Time: 991208 18:36

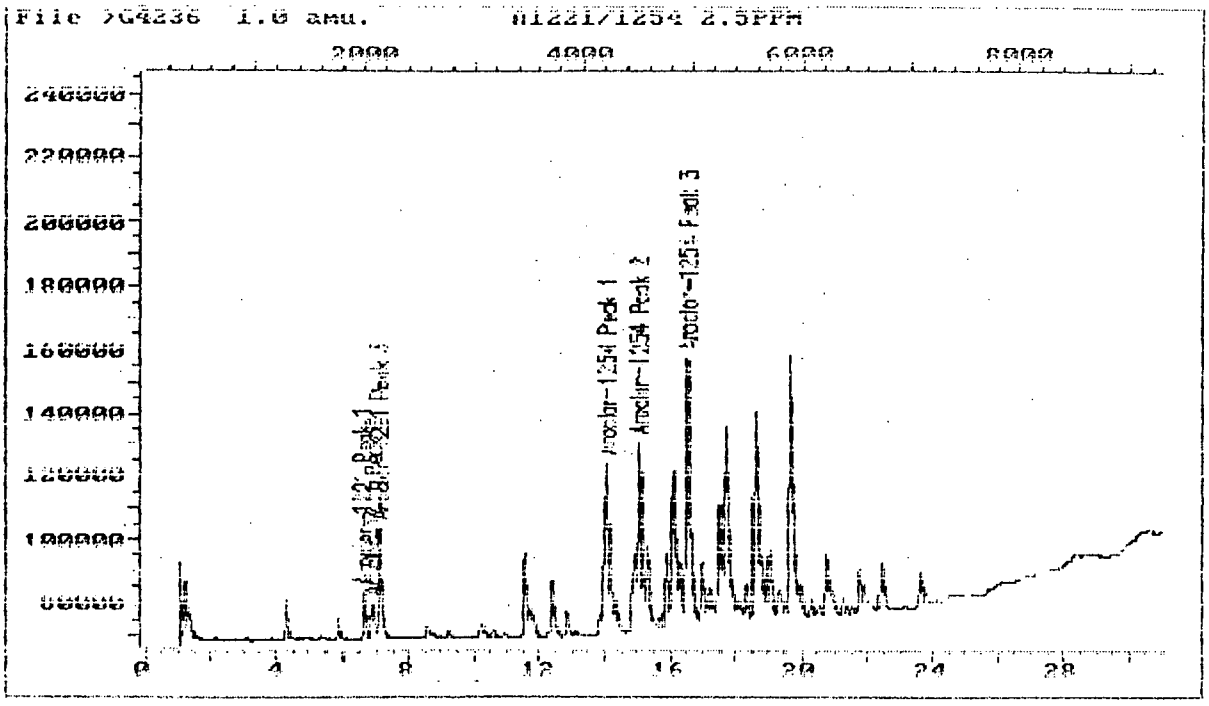
Operator ID: JEFF
Quant Time : 991209 08:48
Injected at: 991208 21:59

Operator ID: JEFF Quant Rev: 7 Quant Time: 991001 07:39
Output File: `G4236::QT Injected at: 990927 14:05
Data File: >G4236::G1 Dilution Factor: 1.00000
Name: A1221/1254 2.5PPM Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: <none>

Compound	R.T.	Scan#	Area	Conc	Units	q
5) #Aroclor-1221 Peak 1	6.60	1979	88382	44.32	ug/L	100
6) #Aroclor-1221 Peak 2	6.92	2076	58275	17.11	ug/L	100
7) #Aroclor-1221 Peak 3	7.12	2135	231235	31.08	ug/L	100
17) #Aroclor-1254 Peak 1	14.04	4211	447841	21.54	ug/L	100
18) #Aroclor-1254 Peak 2	15.01	4504	292606	26.91	ug/L	100
19) #Aroclor-1254 Peak 3	16.50	4950	592873	26.03	ug/L	100

Compound uses ESTD



Data File: >G4236::G1 Quant Output File: ^G4236::QT
Name: A1221/1254 2.5PPM Instrument ID: G
Misc:

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: <none>

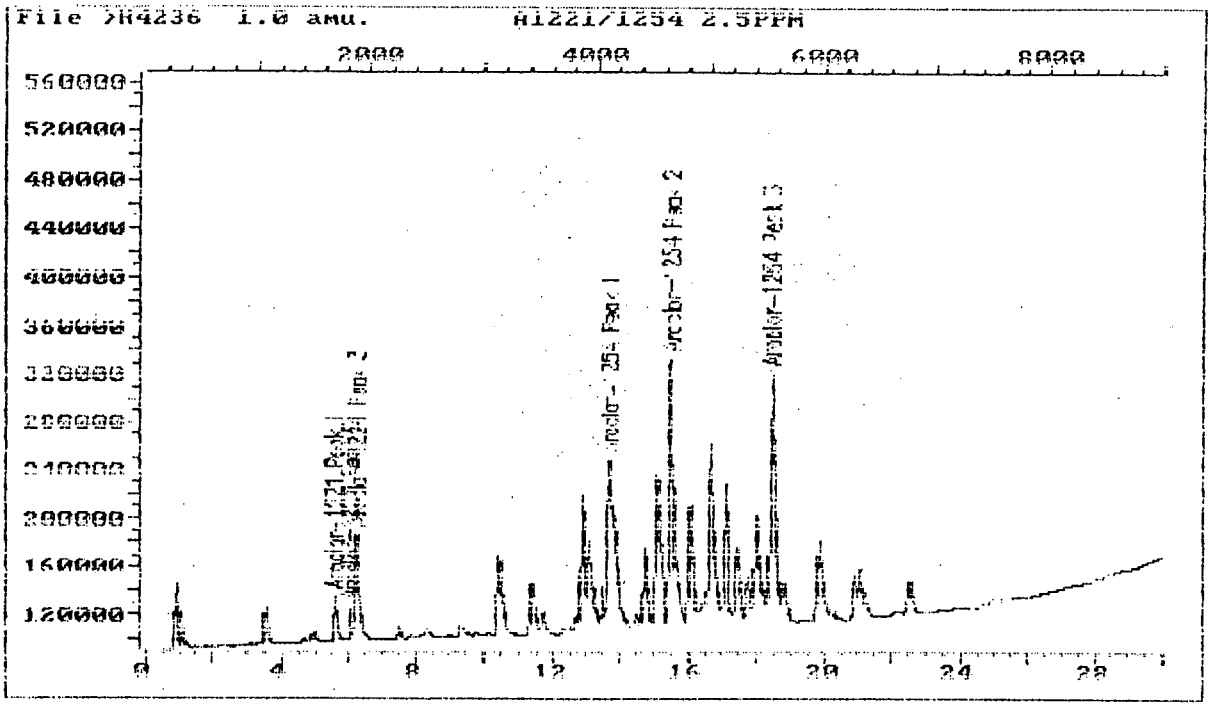
Operator ID: JEFF
Quant Time : 991001 07:39
Injected at: 990927 14:05

Operator ID: JEFF Quant Rev: 7 Quant Time: 991001 07:42
Output File: ^H4236::QT Injected at: 990927 14:42
Data File: >H4236::G1 Dilution Factor: 1.00000
Name: A1221/1254 2.5PPM Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 990930 15:12

Compound	R.T.	Scan#	Area	Conc	Units	q
5) #Aroclor-1221 Peak 1	5.56	1669	232008M	81.07	ug/L	
6) #Aroclor-1221 Peak 2	6.03	1810	152590	58.63	ug/L	100
7) #Aroclor-1221 Peak 3	6.23	1870	617297	38.46	ug/L	100
17) #Aroclor-1254 Peak 1	13.68	4104	833134	28.87	ug/L	100
18) #Aroclor-1254 Peak 2	15.48	4644	1949384	31.42	ug/L	100
19) #Aroclor-1254 Peak 3	18.44	5533	1627926M	28.44	ug/L	

Compound uses ESTD



Data File: >H4236::C1 Quant Output File: ^H4236::QT
Name: A1221/1254 2.5PPM Instrument ID: H
Misc:

Id File: ID3PCB::C5
Title: PCB'S HP5890-II RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 990930 15:12

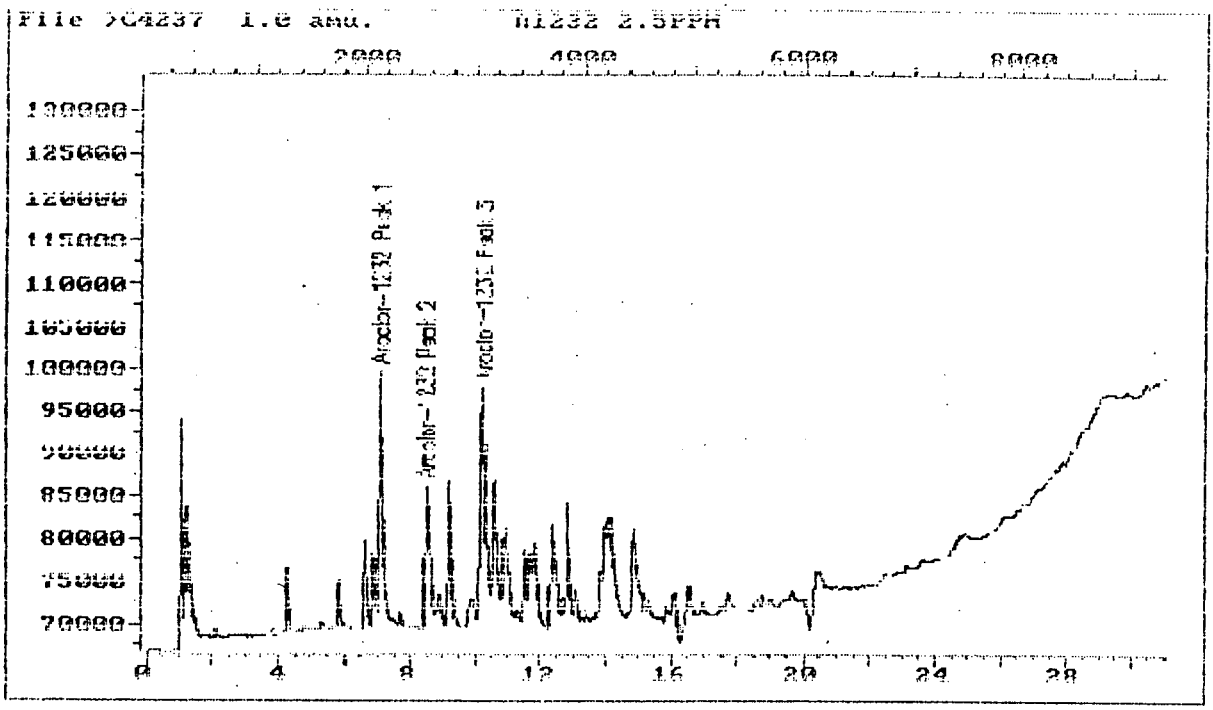
Operator ID: JEFF
Quant Time : 991001 07:42
Injected at: 990927 14:42

Operator ID: JEFF Quant Rev: 7 Quant Time: 991001 07:45
Output File: ^G4237::QT Injected at: 990927 14:42
Data File: >G4237::G1 Dilution Factor: 1.00000
Name: A1232 2.5PPM Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: <none>

	Compound	R.T.	Scan#	Area	Conc	Units	q
8)	#Aroclor-1232 Peak 1	7.08	2125	218785	28.00	ug/L	100
9)	#Aroclor-1232 Peak 2	8.47	2542	167795	15.62	ug/L	100
10)	#Aroclor-1232 Peak 3	10.22	3067	283009	66.04	ug/L	100

Compound uses ESTD



Data File: >C4237::C1 Quant Output File: `C4237::QT
Name: A1232 2.5PPM Instrument ID: C
Misc:

Id File: ID7PCB::C5
Title: PCB'S HP5890 C RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: <none>

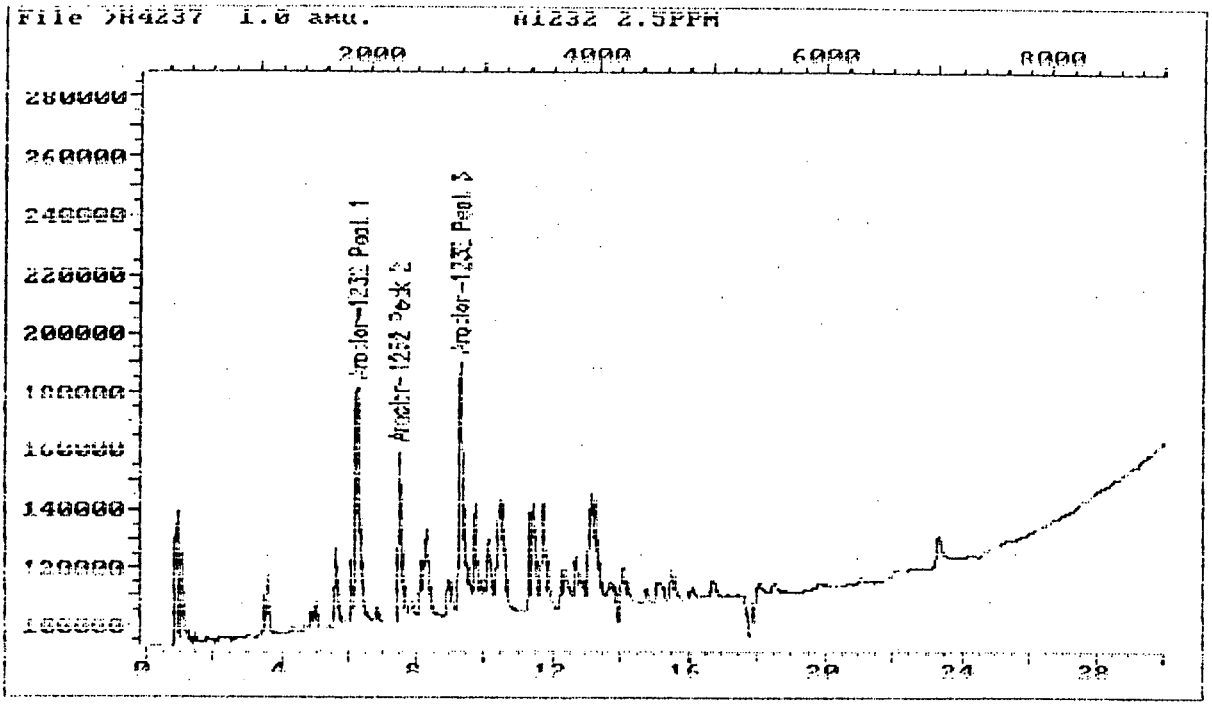
Operator ID: JEFF
Quant Time : 991001 07:45
Injected at: 990927 14:42

Operator ID: JEFF Quant Rev: 7 Quant Time: 991001 07:47
Output File: ^H4237::QT Injected at: 990927 15:20
Data File: >H4237::G1 Dilution Factor: 1.00000
Name: A1232 2.5PPM Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 990930 15:12

Compound	R.T.	Scan#	Area	Conc	Units	q
8) #Aroclor-1232 Peak 1	6.24	1871	579503	36.11	ug/L	100
9) #Aroclor-1232 Peak 2	7.46	2239	387679	12.63	ug/L	100
10) #Aroclor-1232 Peak 3	9.26	2777	843324	13.21	ug/L	100

Compound uses ESTD



Data File: >H4237::C1 Quant Output File: ^H4237::QT
Name: A1232 2.5PPM Instrument ID: H
Misc:

Id File: ID8PCB::C5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 990930 15:12

Operator ID: JEFF
Quant Time : 991001 07:47
Injected at: 990927 15:20

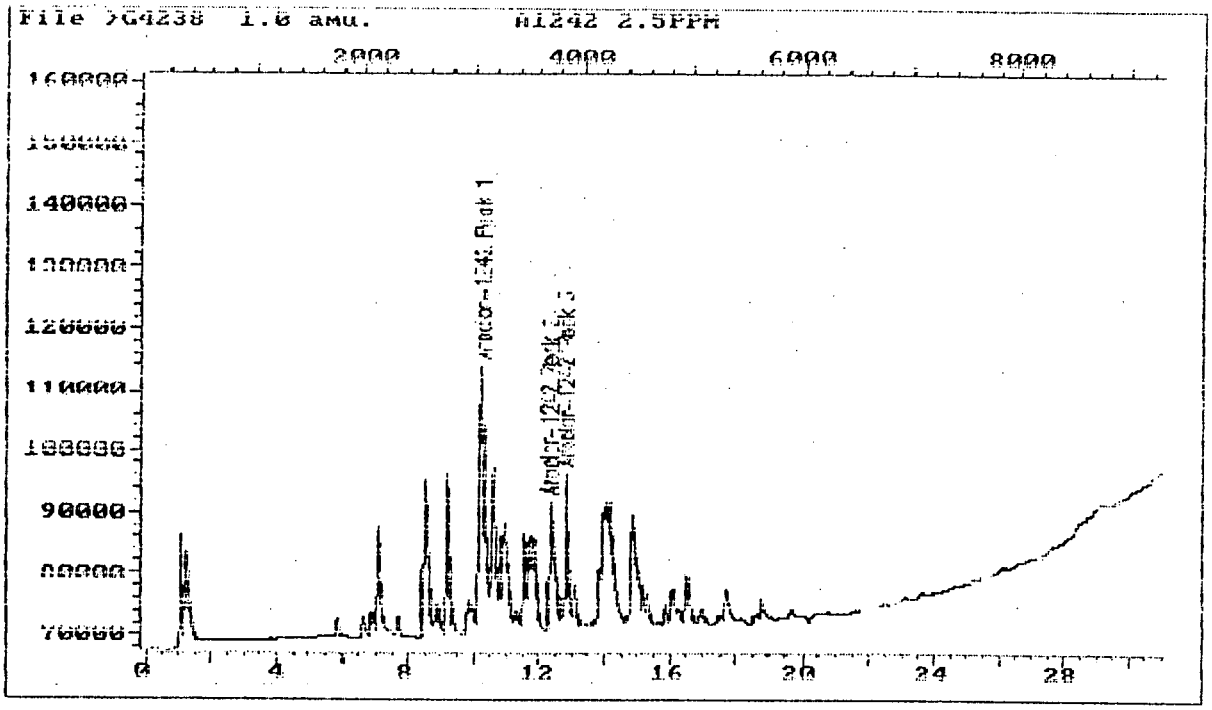
Operator ID: JEFF
Output File: ^G4238::QT
Data File: >G4238::G1
Name: A1242 2.5PPM
Misc:

Quant Rev: 7 Quant Time: 991001 07:49
Injected at: 990927 15:20
Dilution Factor: 1.00000
Instrument ID: G

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: <none>

	Compound	R.T.	Scan#	Area	Conc	Units	q
11)	#Aroclor-1242 Peak 1	10.23	3068	439852	27.03	ug/L	100
12)	#Aroclor-1242 Peak 2	12.30	3689	131702	20.67	ug/L	100
13)	#Aroclor-1242 Peak 3	12.79	3836	188141	25.22	ug/L	100

Compound uses ESTD



Data File: >G4238::C1 Quant Output File: ^G4238::QT
Name: A1242 2.5PPM Instrument ID: C
Misc:

Id File: ID7PCB::C5
Title: PCB'S HP5890-C RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: <none>

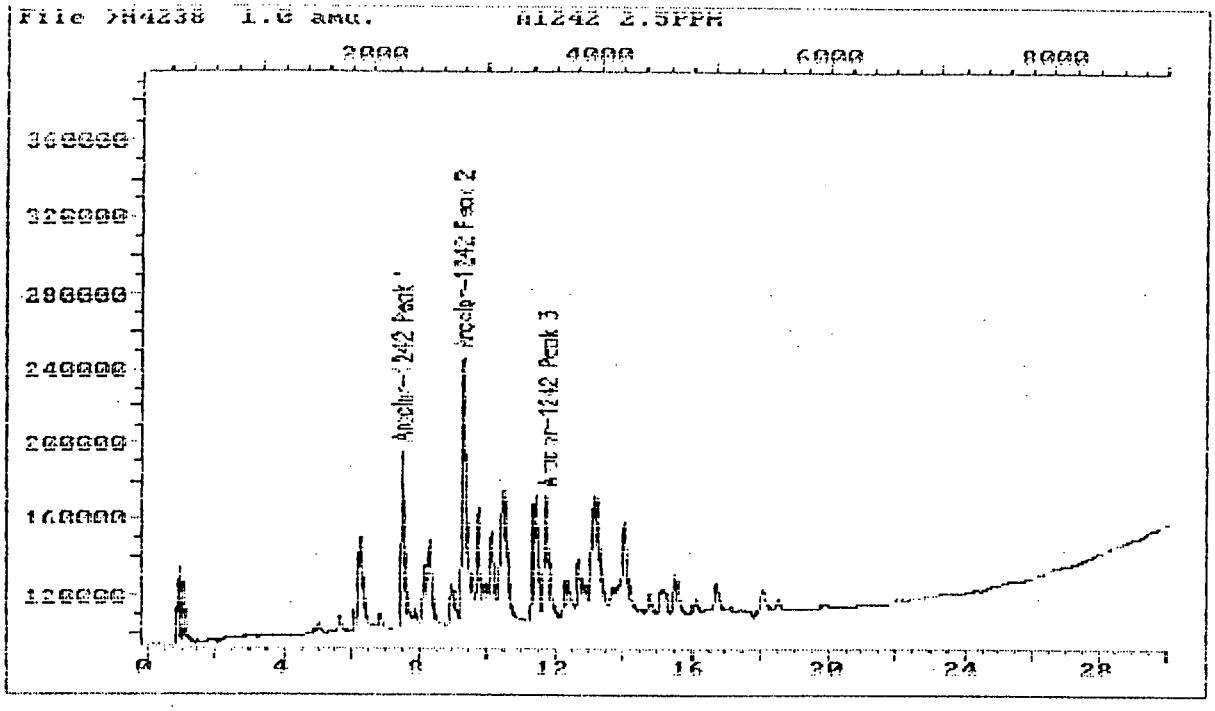
Operator ID: JEFF
Quant Time : 991001 07:49
Injected at: 990927 15:20

Operator ID: JEFF Quant Rev: 7 Quant Time: 991001 07:51
Output File: ^H4238::QT Injected at: 990927 15:57
Data File: >H4238::G1 Dilution Factor: 1.00000
Name: A1242 2.5PPM Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 990930 15:12

Compound	R.T.	Scan#	Area	Conc	Units	q
11) #Aroclor-1242 Peak 1	7.46	2239	612664	19.95	ug/L	100
12) #Aroclor-1242 Peak 2	9.25	2775	1337737	20.96	ug/L	100
13) #Aroclor-1242 Peak 3	11.76	3528	567326	24.21	ug/L	100

Compound uses ESTD



Data File: >H4238::C1 Quant Output File: ^H4238::QT
Name: A1242 2.5PPM Instrument ID: H
Misc:

Id File: ID8PCB::C5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 990930 15:12

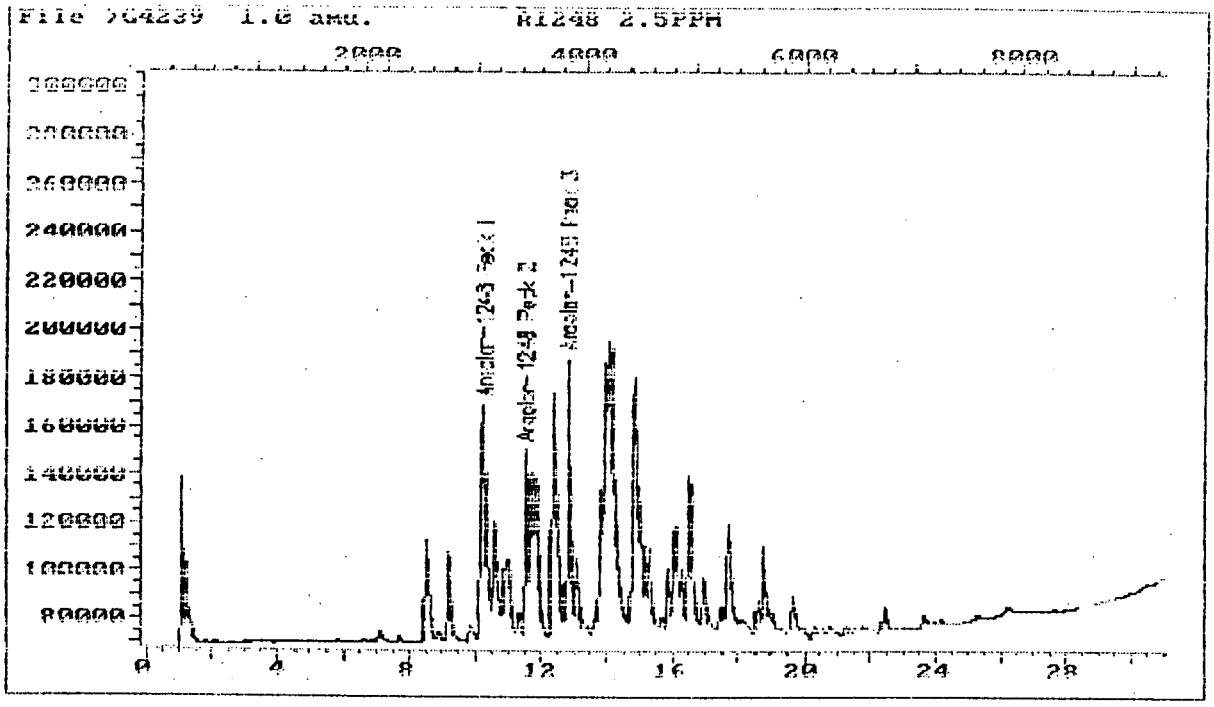
Operator ID: JEFF
Quant Time : 991001 07:51
Injected at: 990927 15:57

Operator ID: JEFF Quant Rev: 7 Quant Time: 991001 07:54
Output File: ^G4239::QT Injected at: 990927 15:57
Data File: >G4239::G1 Dilution Factor: 1.00000
Name: A1248 2.5PPM Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: <none>

Compound	R.T.	Scan#	Area	Conc	Units	q
14) #Aroclor-1248 Peak 1	10.22	3066	1029875	30.03	ug/L	100
15) #Aroclor-1248 Peak 2	11.50	3449	450906	14.27	ug/L	100
16) #Aroclor-1248 Peak 3	12.78	3835	877995	22.47	ug/L	100

Compound uses ESTD



Data File: >C4239::C1 Quant Output File: ^C4239::QT
Name: A1248 2.5PPM Instrument ID: C
Misc:

ID File: ID7PCB::C5
Title: PCB'S HP5890-C RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: <none>

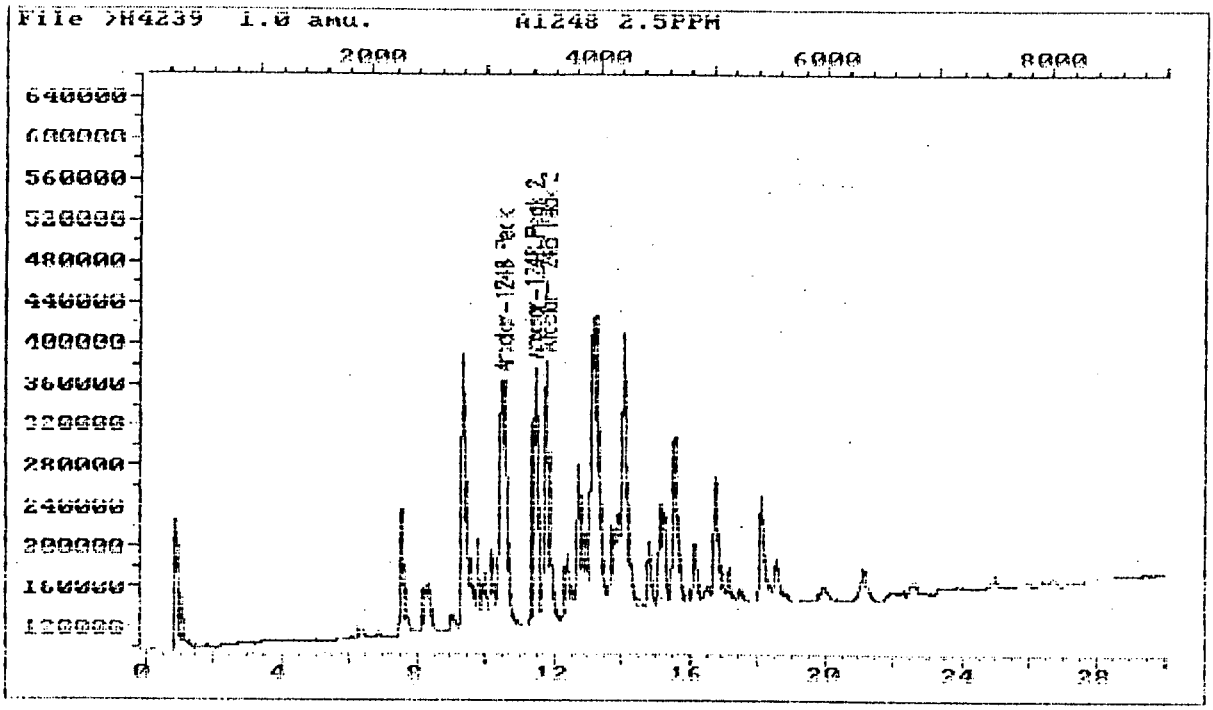
Operator ID: JEFF
Quant Time : 991001 07:54
Injected at: 990927 15:57

Operator ID: CLIFF Quant Rev: 7 Quant Time: 991001 07:56
Output File: ^H4239::QT Injected at: 990928 16:33
Data File: >H4239::G1 Dilution Factor: 1.00000
Name: A1248 2.5PPM Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 990930 15:12

	Compound	R.T.	Scan#	Area	Conc	Units	q
14)	#Aroclor-1248 Peak 1	10.50	3150	3176677	74.21	ug/L	100
15)	#Aroclor-1248 Peak 2	11.37	3412	2331923	81.38	ug/L	100
16)	#Aroclor-1248 Peak 3	11.78	3535	2282188	97.40	ug/L	100

Compound uses ESTD



Data File: >H4239::C1 Quant Output File: ^H4239::QT
Name: A1248 2.5PPM Instrument ID: H
Misc:

Id File: ID8PCB::C5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 990930 15:12

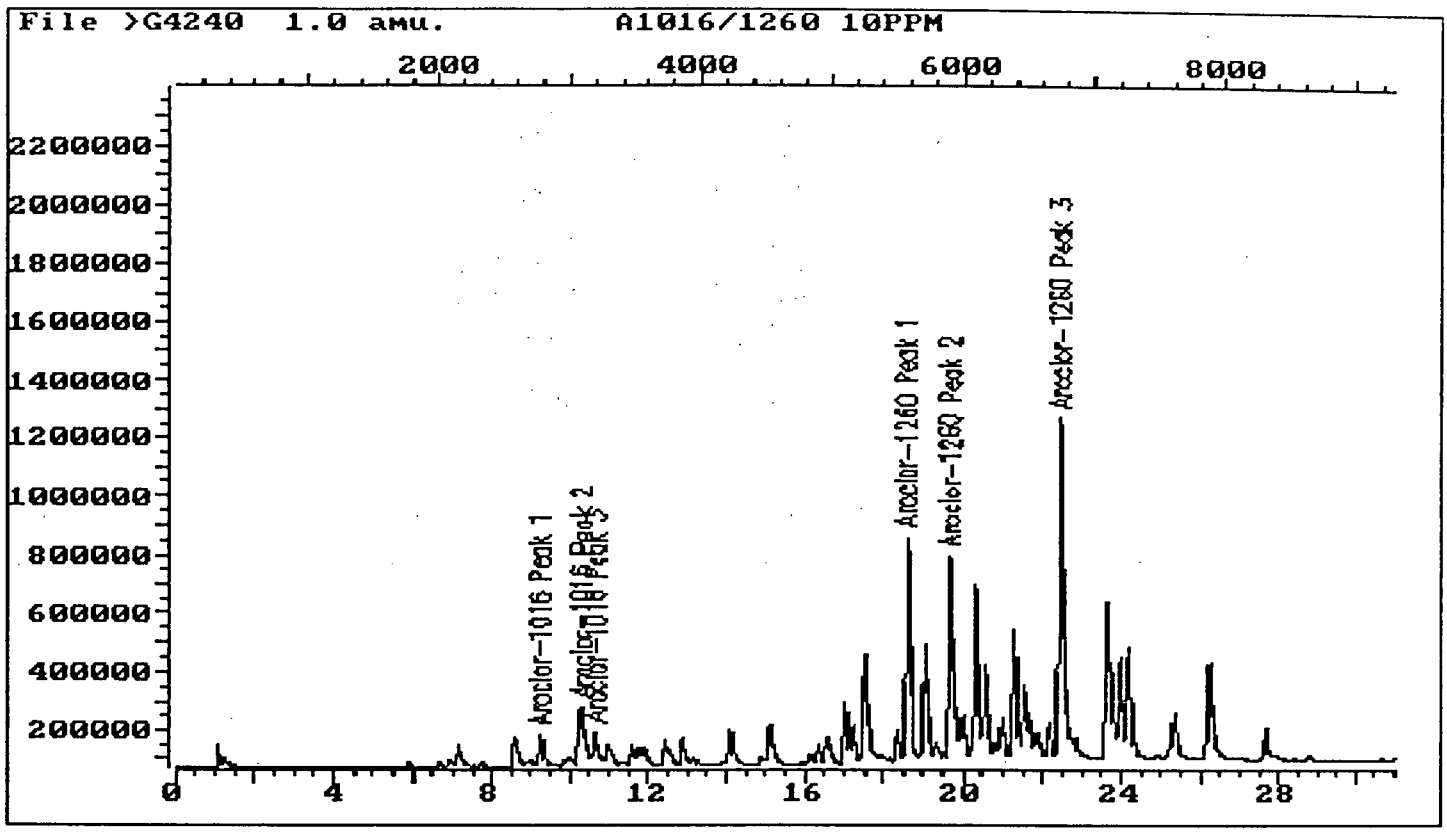
Operator ID: CLIFF
Quant Time : 991001 07:56
Injected at: 990928 16:33

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 14:36
Output File: ^G4240::QT Injected at: 990928 16:33
Data File: >G4240::G1 Dilution Factor: 1.00000
Name: A1016/1260 10PPM Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Aroclor-1016 Peak 1	9.21	2764	704491	89.41	ug/L	100
3)	#Aroclor-1016 Peak 2	10.28	3085	1895033	100.21	ug/L	100
4)	#Aroclor-1016 Peak 3	10.63	3190	763528M	104.69	ug/L	100
20)	#Aroclor-1260 Peak 1	18.54	5562	5644071	104.84	ug/L	100
21)	#Aroclor-1260 Peak 2	19.65	5895	5801044	116.67	ug/L	100
22)	#Aroclor-1260 Peak 3	22.44	6731	8991264	111.05	ug/L	100

Compound uses ESTD



Data File: >G4240::G1 Quant Output File: ^G4240::QT
Name: A1016/1260 10PPM Instrument ID: G
Misc:

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

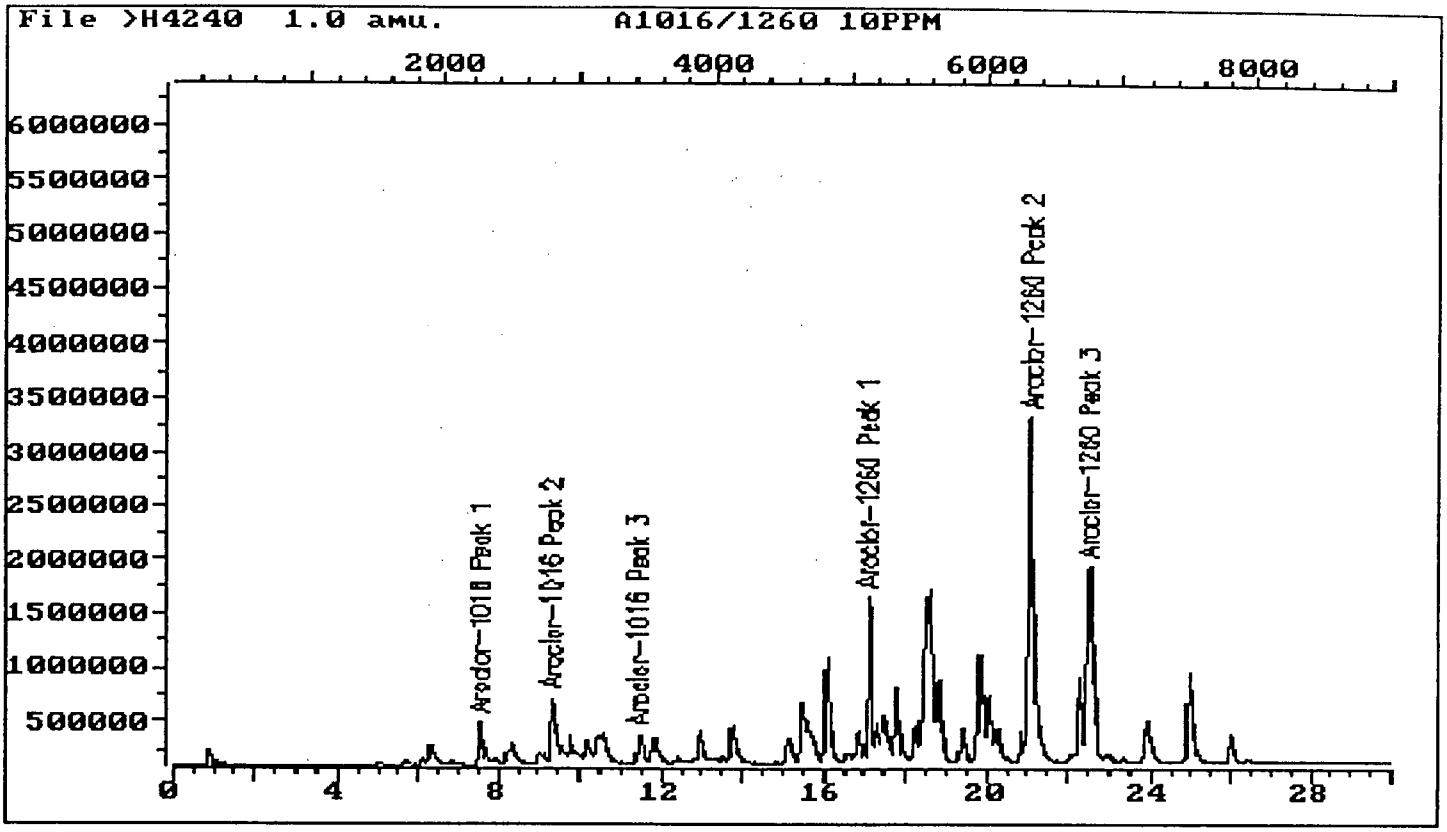
Operator ID: CLIFF
Quant Time : 990929 14:36
Injected at: 990928 16:33

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990930 09:05
Output File: ^H4240::QT Injected at: 990928 17:10
Data File: >H4240::G1 Dilution Factor: 1.00000
Name: A1016/1260 10PPM Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Aroclor-1016 Peak 1	7.49	2246	2757876	98.80	ug/L	100
3)	#Aroclor-1016 Peak 2	9.29	2786	6031435	136.89	ug/L	100
4)	#Aroclor-1016 Peak 3	11.40	3421	2676466	89.74	ug/L	100
20)	#Aroclor-1260 Peak 1	17.07	5120	10261522	161.82	ug/L	100
21)	#Aroclor-1260 Peak 2	21.07	6322	27611848	351.15	ug/L	100
22)	#Aroclor-1260 Peak 3	22.48	6743	17838564	91.77	ug/L	100

Compound uses ESTD



Data File: >H4240::G1 Quant Output File: ^H4240::QT
Name: A1016/1260 10PPM Instrument ID: H
Misc:

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

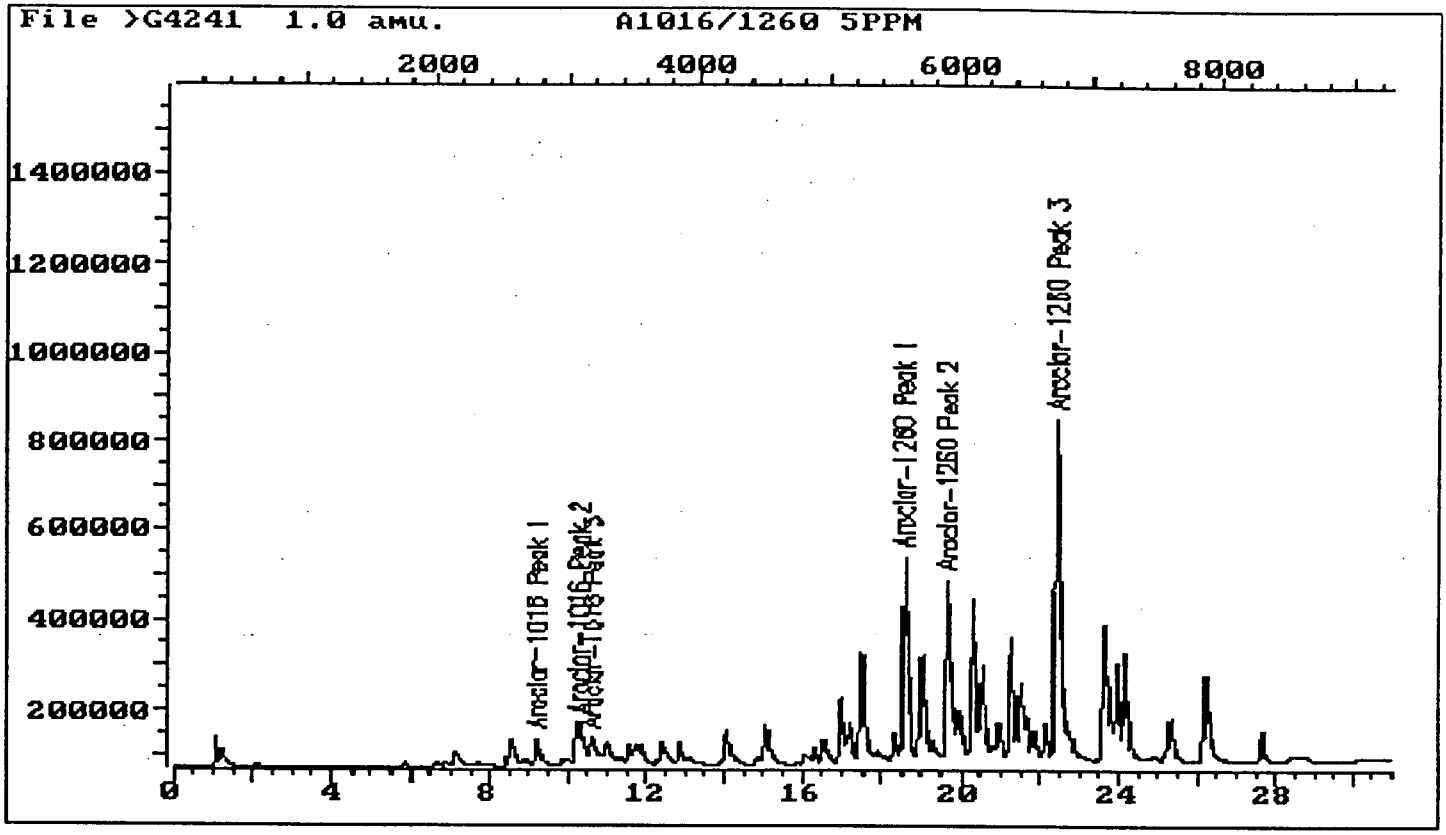
Operator ID: CLIFF
Quant Time : 990930 09:05
Injected at: 990928 17:10

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 14:38
Output File: ^G4241::QT Injected at: 990928 17:10
Data File: >G4241::G1 Dilution Factor: 1.00000
Name: A1016/1260 5PPM Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Aroclor-1016 Peak 1	9.17	2750	444285	56.39	ug/L	100
3)	#Aroclor-1016 Peak 2	10.27	3080	1042095	55.11	ug/L	100
4)	#Aroclor-1016 Peak 3	10.61	3182	307218M	42.12	ug/L	
20)	#Aroclor-1260 Peak 1	18.51	5554	3753445	69.72	ug/L	100
21)	#Aroclor-1260 Peak 2	19.63	5889	3705545	74.53	ug/L	100
22)	#Aroclor-1260 Peak 3	22.42	6726	6523532	80.57	ug/L	100

Compound uses ESTD



Data File: >G4241::G1 Quant Output File: ^G4241::QT
Name: A1016/1260 5PPM Instrument ID: G
Misc:

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

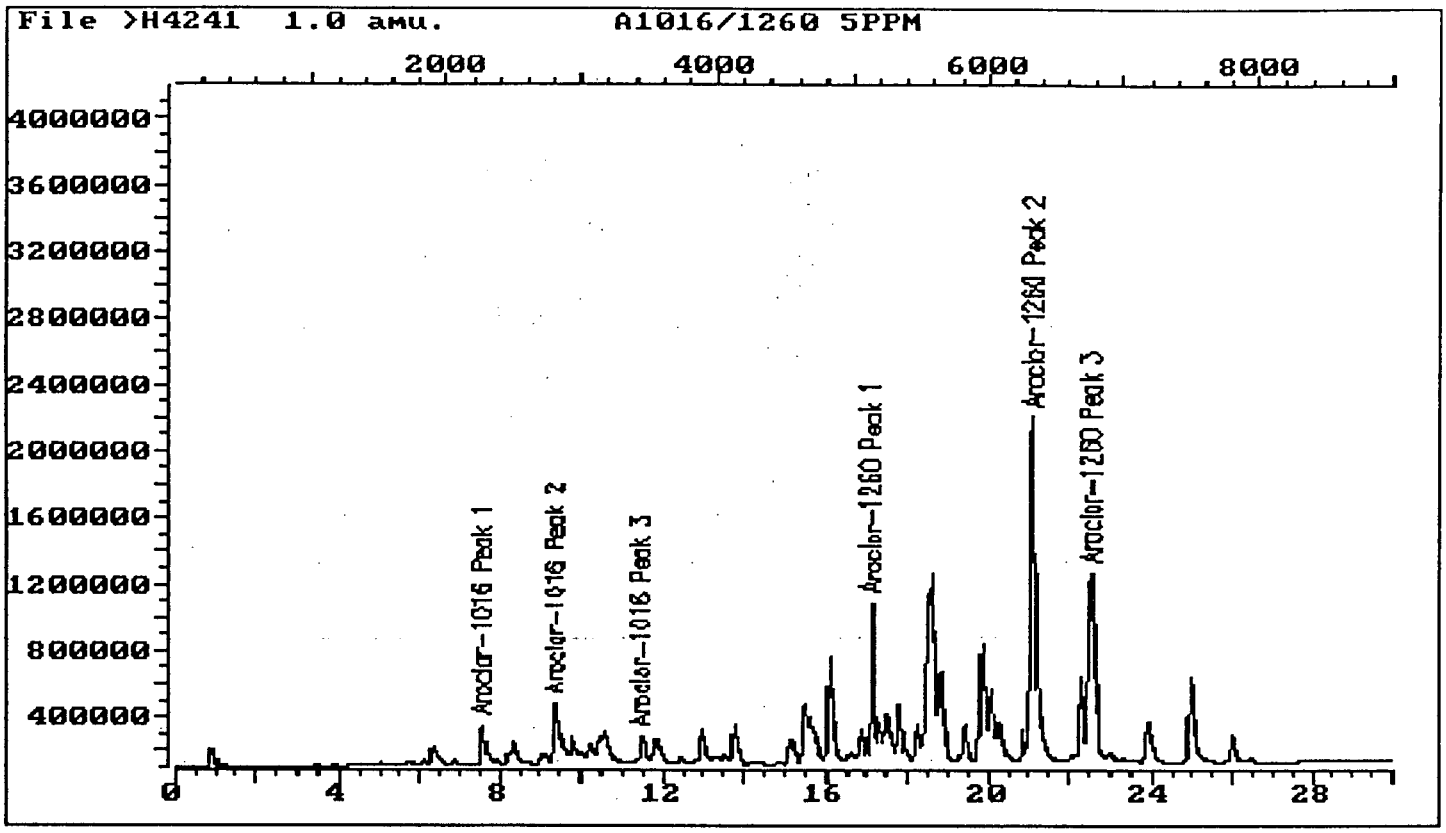
Operator ID: CLIFF
Quant Time : 990929 14:38
Injected at: 990928 17:10

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990930 09:06
Output File: ^H4241::QT Injected at: 990928 17:47
Data File: >H4241::G1 Dilution Factor: 1.00000
Name: A1016/1260 5PPM Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Aroclor-1016 Peak 1	7.50	2251	1853455	66.40	ug/L	100
3)	#Aroclor-1016 Peak 2	9.32	2796	3907174	88.68	ug/L	100
4)	#Aroclor-1016 Peak 3	11.43	3428	1779252	59.66	ug/L	100
20)	#Aroclor-1260 Peak 1	17.08	5125	6671179	105.20	ug/L	100
21)	#Aroclor-1260 Peak 2	21.08	6325	18704320	237.87	ug/L	100
22)	#Aroclor-1260 Peak 3	22.49	6748	11873122	61.08	ug/L	100

Compound uses ESTD



Data File: >H4241::G1 Quant Output File: ^H4241::QT
Name: A1016/1260 5PPM Instrument ID: H
Misc:

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

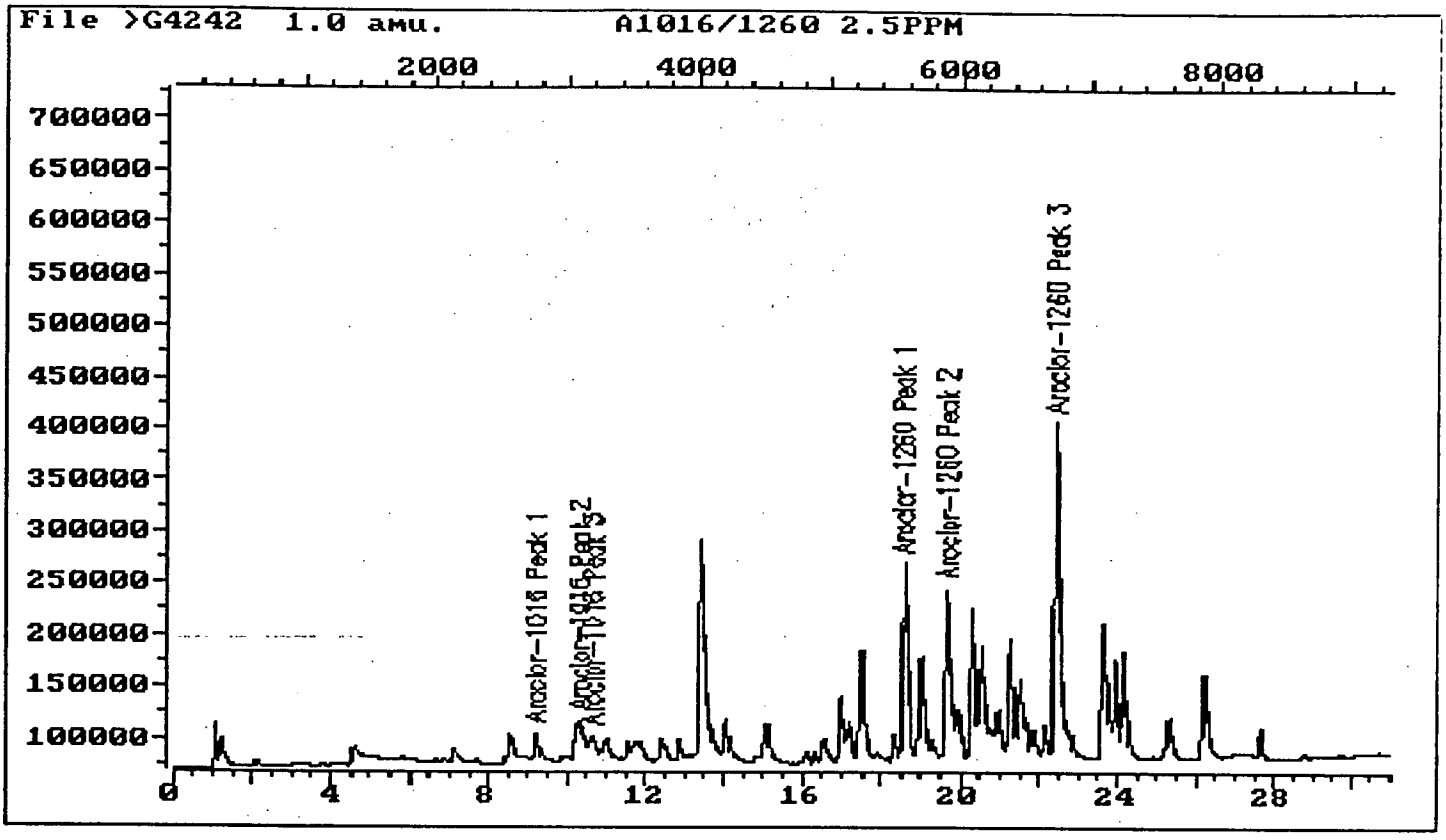
Operator ID: CLIFF
Quant Time : 990930 09:06
Injected at: 990928 17:47

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 14:38
Output File: ^G4242::QT Injected at: 990928 17:47
Data File: >G4242::G1 Dilution Factor: 1.00000
Name: A1016/1260 2.5PPM Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Aroclor-1016 Peak 1	9.17	2752	232297	29.48	ug/L	100
3)	#Aroclor-1016 Peak 2	10.29	3087	488469	25.83	ug/L	100
4)	#Aroclor-1016 Peak 3	10.63	3188	126053M	17.28	ug/L	
20)	#Aroclor-1260 Peak 1	18.52	5556	1619142	30.08	ug/L	100
21)	#Aroclor-1260 Peak 2	19.63	5890	1562378	31.42	ug/L	100
22)	#Aroclor-1260 Peak 3	22.42	6726	2778325	34.31	ug/L	100

Compound uses ESTD



Data File: >G4242::G1 Quant Output File: ^G4242::QT
Name: A1016/1260 2.5PPM Instrument ID: G
Misc:

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

Operator ID: CLIFF
Quant Time : 990929 14:38
Injected at: 990928 17:47

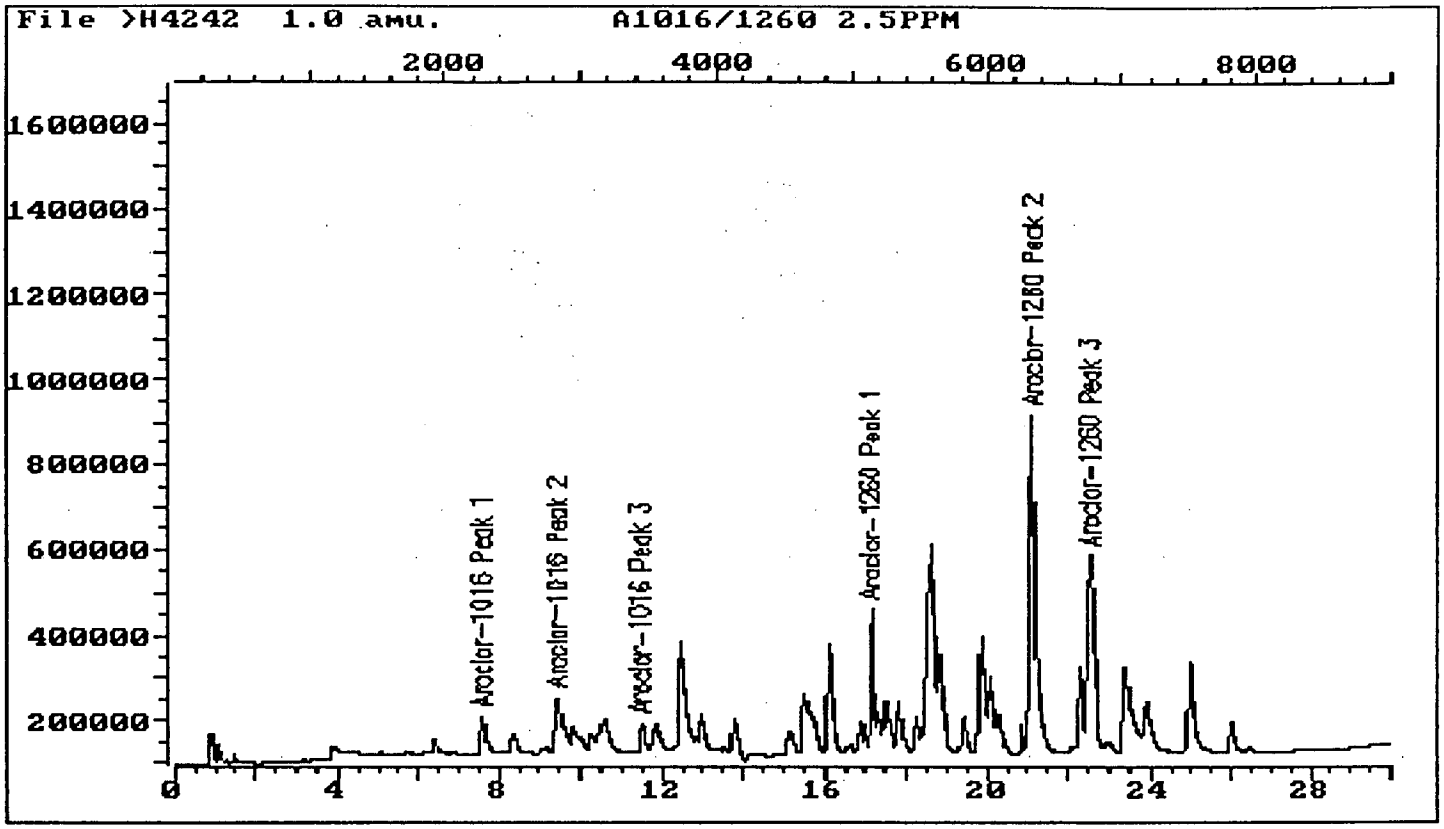
506

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990930 09:07
Output File: ^H4242::QT Injected at: 990928 18:24
Data File: >H4242::G1 Dilution Factor: 1.00000
Name: A1016/1260 2.5PPM Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Aroclor-1016 Peak 1	7.53	2258	834576	29.90	ug/L	100
3)	#Aroclor-1016 Peak 2	9.38	2815	1618712M	36.74	ug/L	
4)	#Aroclor-1016 Peak 3	11.45	3435	760177	25.49	ug/L	100
20)	#Aroclor-1260 Peak 1	17.10	5130	2465627	38.88	ug/L	100
21)	#Aroclor-1260 Peak 2	21.10	6330	7418818	94.35	ug/L	100
22)	#Aroclor-1260 Peak 3	22.51	6753	4878619	25.10	ug/L	100

Compound uses ESTD



Data File: >H4242::G1 Quant Output File: ^H4242::QT
Name: A1016/1260 2.5PPM Instrument ID: H
Misc:

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

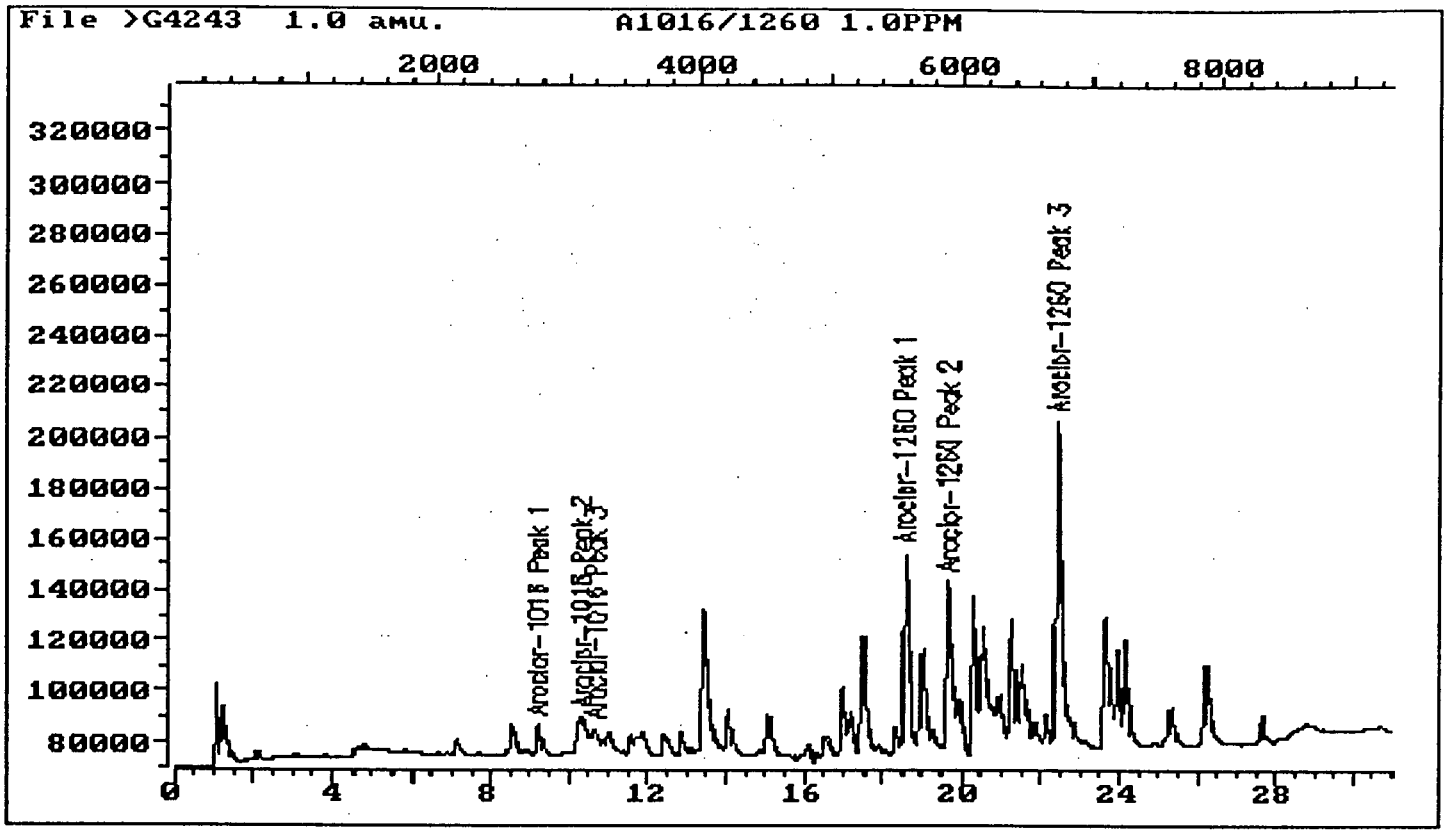
Operator ID: CLIFF
Quant Time : 990930 09:07
Injected at: 990928 18:24

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 14:39
Output File: ^G4243::QT Injected at: 990928 18:24
Data File: >G4243::G1 Dilution Factor: 1.00000
Name: A1016/1260 1.0PPM Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Aroclor-1016 Peak 1	9.17	2752	95355	12.10	ug/L	100
3)	#Aroclor-1016 Peak 2	10.31	3093	189764M	10.04	ug/L	100
4)	#Aroclor-1016 Peak 3	10.64	3193	72026M	9.88	ug/L	
20)	#Aroclor-1260 Peak 1	18.53	5558	708571	13.16	ug/L	100
21)	#Aroclor-1260 Peak 2	19.64	5893	652351	13.12	ug/L	100
22)	#Aroclor-1260 Peak 3	22.43	6729	1151410	14.22	ug/L	100

Compound uses ESTD



Data File: >G4243::G1 Quant Output File: ^G4243::QT
Name: A1016/1260 1.0PPM Instrument ID: G
Misc:

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

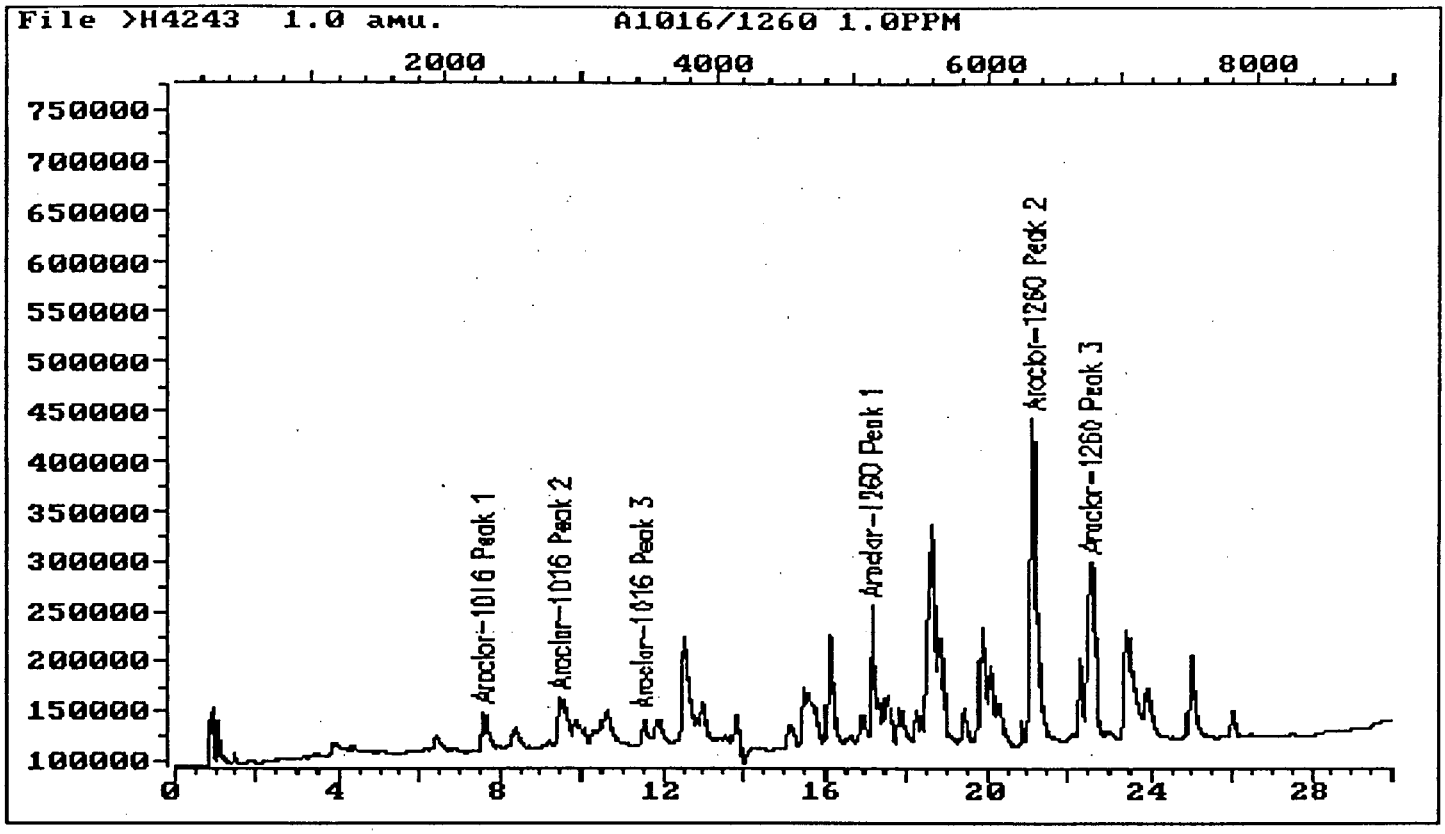
Operator ID: CLIFF
Quant Time : 990929 14:39
Injected at: 990928 18:24

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990930 09:09
Output File: ^H4243::QT Injected at: 990928 19:01
Data File: >H4243::G1 Dilution Factor: 1.00000
Name: A1016/1260 1.0PPM Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Aroclor-1016 Peak 1	7.55	2264	365092	13.08	ug/L	100
3)	#Aroclor-1016 Peak 2	9.45	2834	677821M	15.38	ug/L	
4)	#Aroclor-1016 Peak 3	11.48	3443	321737M	10.79	ug/L	
20)	#Aroclor-1260 Peak 1	17.13	5138	1067972	16.84	ug/L	100
21)	#Aroclor-1260 Peak 2	21.13	6338	3228962	41.06	ug/L	100
22)	#Aroclor-1260 Peak 3	22.53	6759	2061683	10.61	ug/L	100

Compound uses ESTD



Data File: >H4243::G1 Quant Output File: ^H4243::QT
Name: A1016/1260 1.0PPM Instrument ID: H
Misc:

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

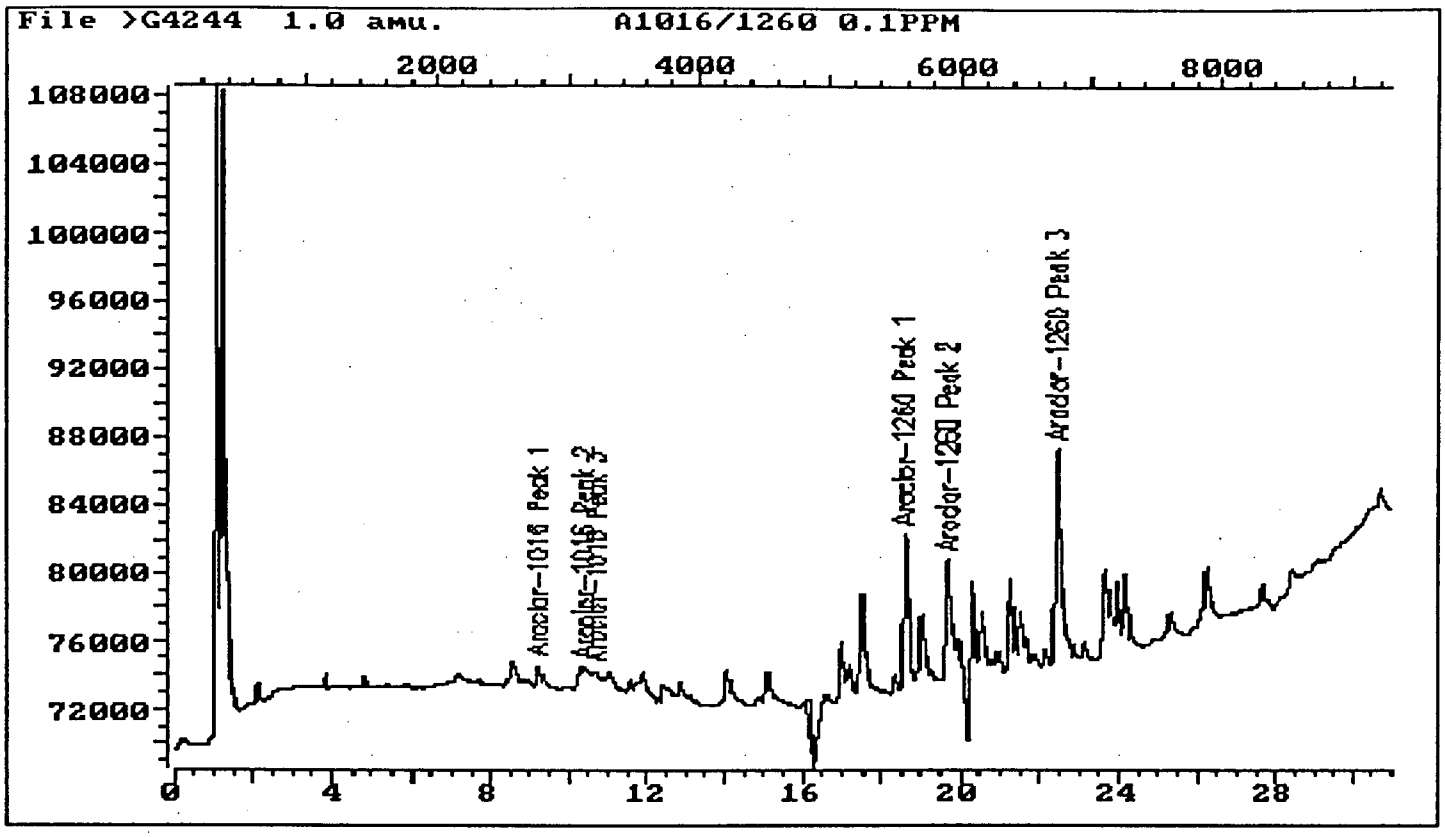
Operator ID: CLIFF
Quant Time : 990930 09:09
Injected at: 990928 19:01

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 14:40
Output File: ^G4244::QT Injected at: 990928 19:01
Data File: >G4244::G1 Dilution Factor: 1.00000
Name: A1016/1260 0.1PPM Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Aroclor-1016 Peak 1	9.17	2752	9774	1.24	ug/L	100
3)	#Aroclor-1016 Peak 2	10.35	3105	17360M	.918	ug/L	100
4)	#Aroclor-1016 Peak 3	10.68	3203	5495M	.753	ug/L	
20)	#Aroclor-1260 Peak 1	18.54	5563	89746	1.67	ug/L	100
21)	#Aroclor-1260 Peak 2	19.66	5898	55763M	1.12	ug/L	
22)	#Aroclor-1260 Peak 3	22.45	6734	130526	1.61	ug/L	100

Compound uses ESTD



Data File: >G4244::G1 Quant Output File: ^G4244::QT
Name: A1016/1260 0.1PPM Instrument ID: G
Misc:

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

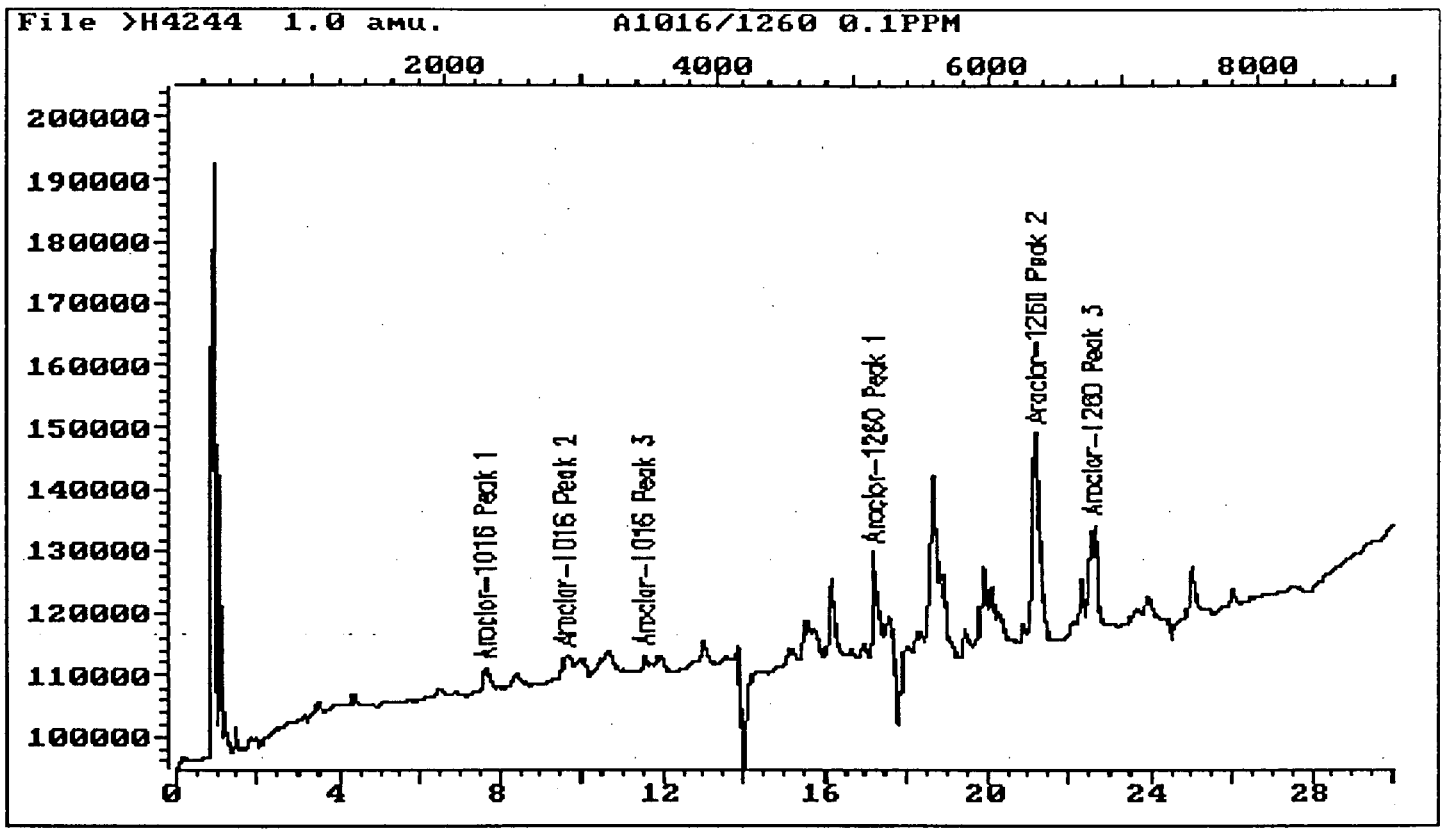
Operator ID: CLIFF
Quant Time : 990929 14:40
Injected at: 990928 19:01

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990930 09:11
Output File: ^H4244::QT Injected at: 990928 19:38
Data File: >H4244::G1 Dilution Factor: 1.00000
Name: A1016/1260 0.1PPM Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Aroclor-1016 Peak 1	7.58	2274	39983M	1.43	ug/L	
3)	#Aroclor-1016 Peak 2	9.56	2868	78223M	1.78	ug/L	
4)	#Aroclor-1016 Peak 3	11.51	3452	26053M	.874	ug/L	
20)	#Aroclor-1260 Peak 1	17.18	5155	114271M	1.80	ug/L	
21)	#Aroclor-1260 Peak 2	21.16	6349	325305M	4.14	ug/L	
22)	#Aroclor-1260 Peak 3	22.56	6768	179149M	.922	ug/L	

Compound uses ESTD



Data File: >H4244::G1 Quant Output File: ^H4244::QT
Name: A1016/1260 0.1PPM Instrument ID: H
Misc:

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

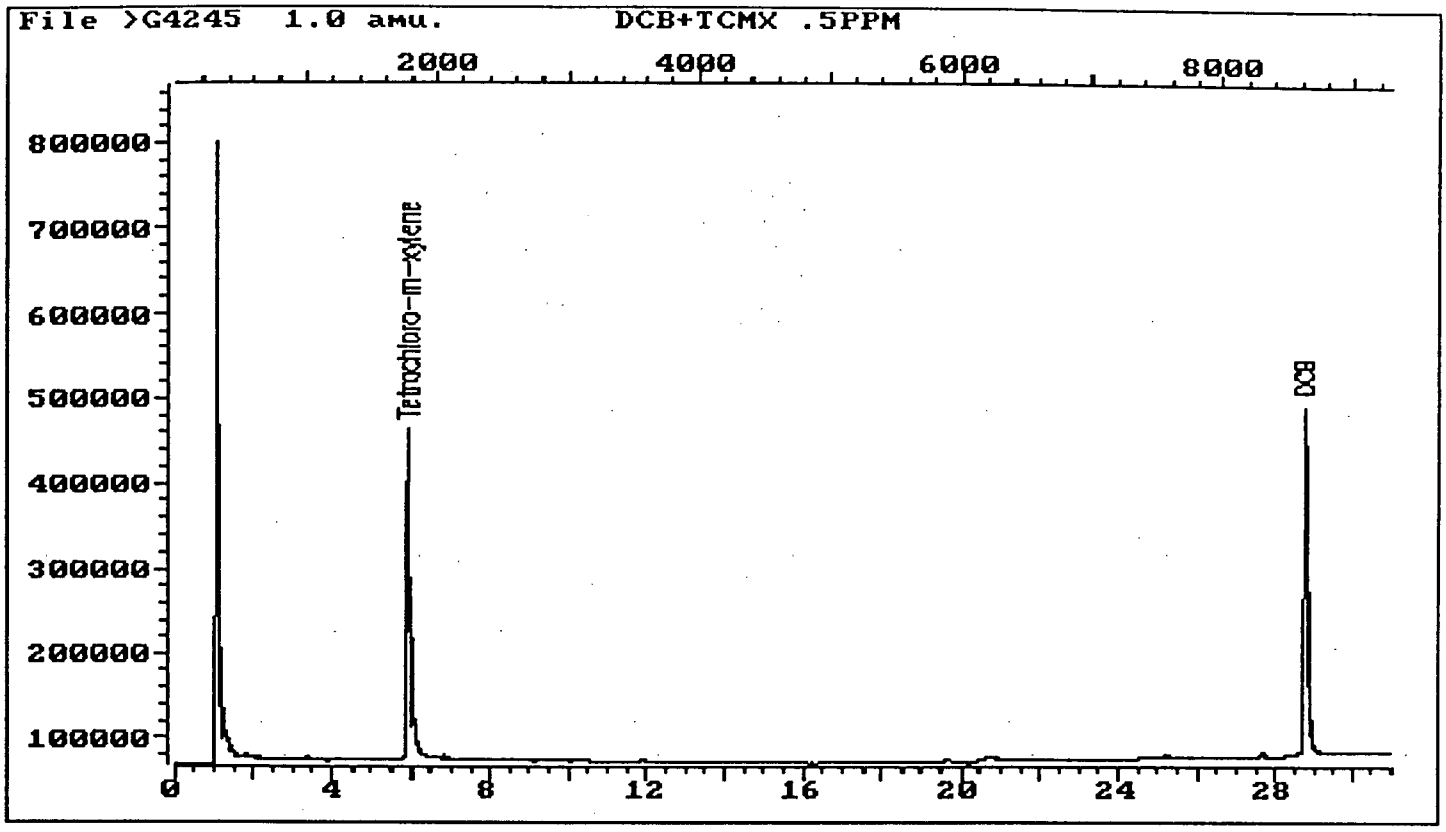
Operator ID: CLIFF
Quant Time : 990930 09:11
Injected at: 990928 19:38

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 14:41
Output File: ^G4245::QT Injected at: 990928 19:38
Data File: >G4245::G1 Dilution Factor: 1.00000
Name: DCB+TCMX .5PPM Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.88	1765	2424180	6.55	ug/L	100
23)	#DCB	28.73	8619	3062429	7.49	ug/L	100

Compound uses ESTD



Data File: >G4245::G1 Quant Output File: ^G4245::QT
Name: DCB+TCMX .5PPM Instrument ID: G
Misc:

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

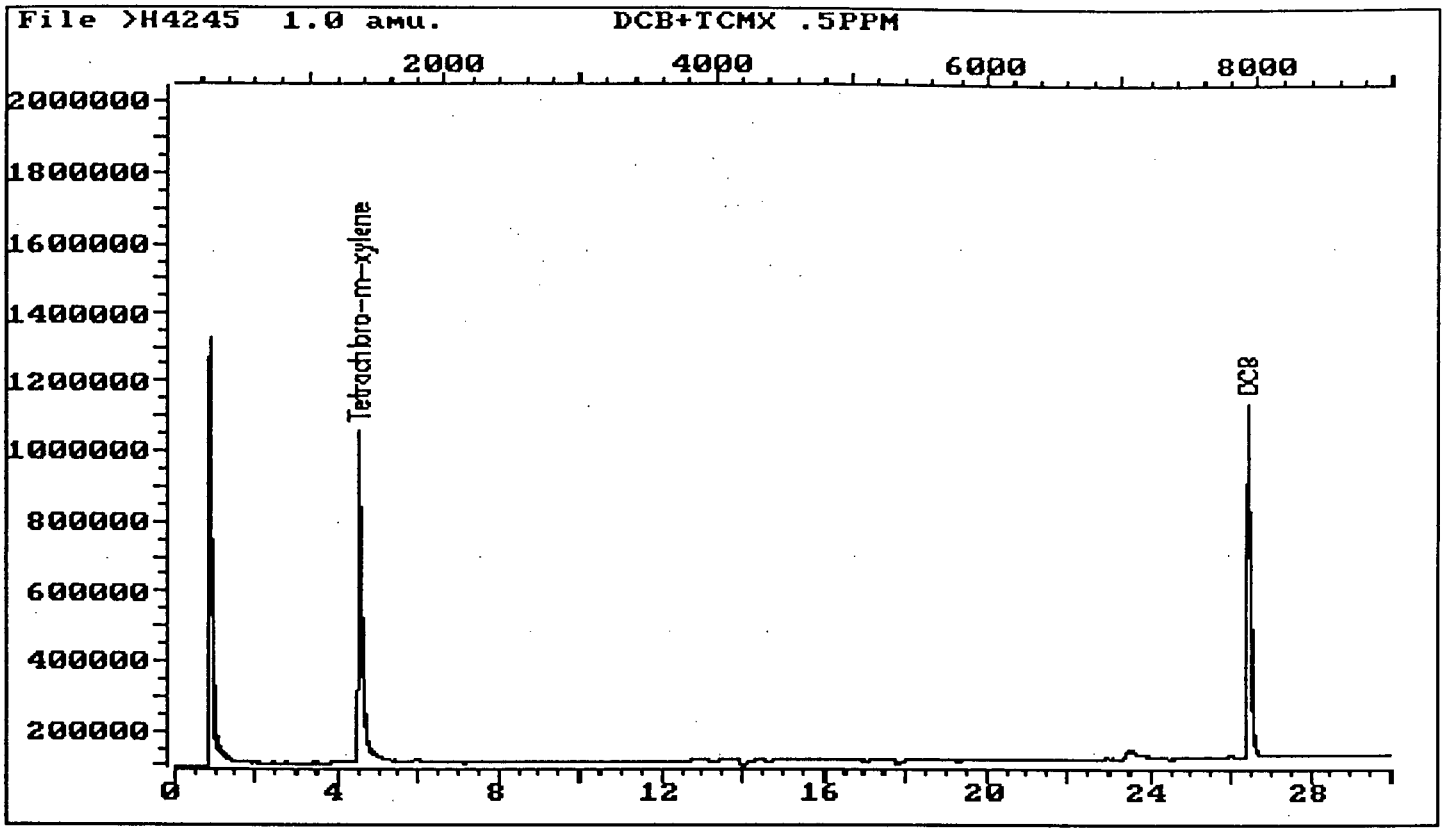
Operator ID: CLIFF
Quant Time : 990929 14:41
Injected at: 990928 19:38

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990930 09:12
Output File: ^H4245::QT Injected at: 990928 20:16
Data File: >H4245::G1 Dilution Factor: 1.00000
Name: DCB+TCMX .5PPM Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.52	1357	6474081	6.33	ug/L	100
23)	#DCB	26.42	7926	7656915	6.77	ug/L	100

Compound uses ESTD



Data File: >H4245::G1 Quant Output File: ^H4245::QT
Name: DCB+TCMX .5PPM Instrument ID: H
Misc:

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

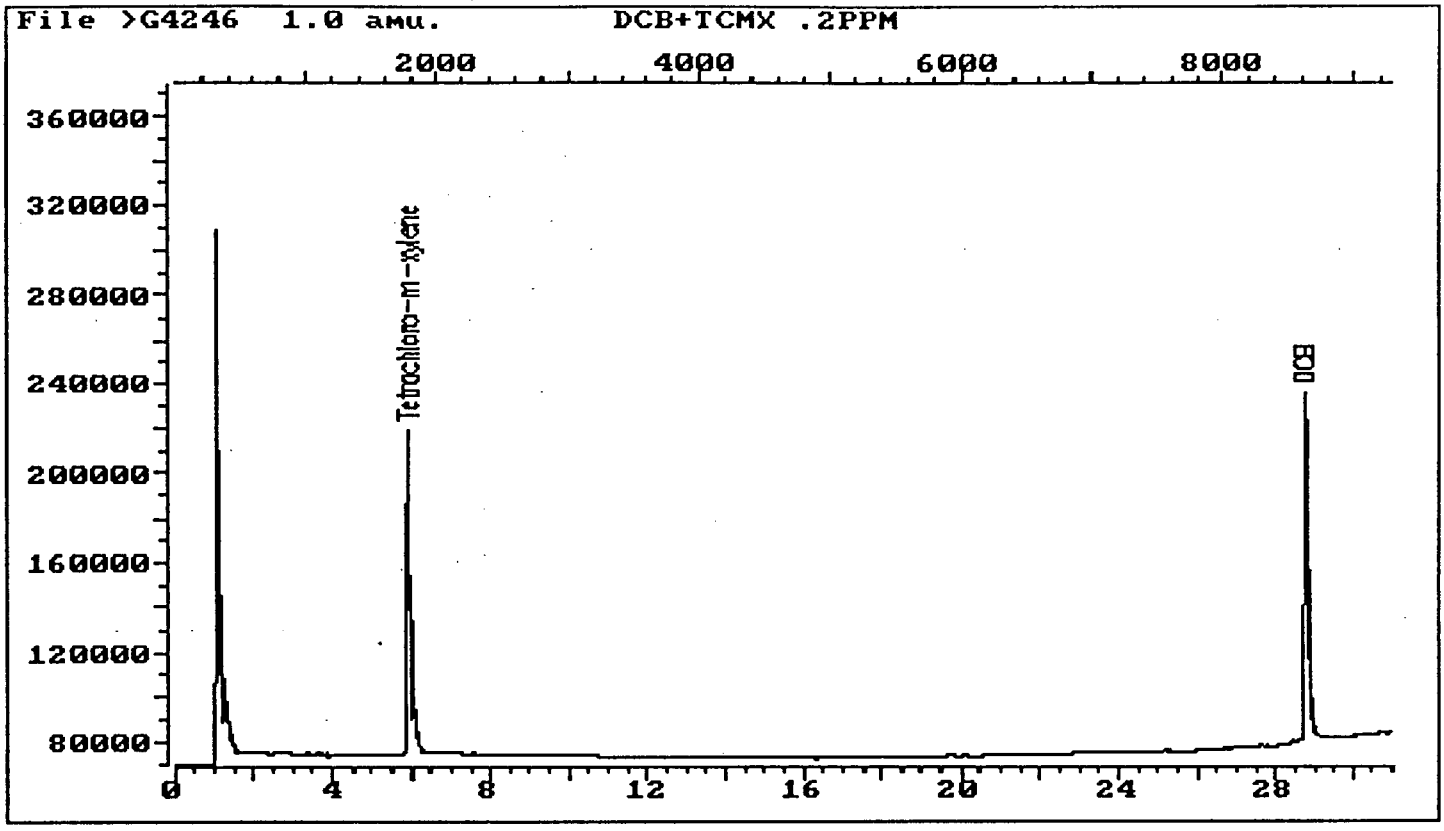
Operator ID: CLIFF
Quant Time : 990930 09:12
Injected at: 990928 20:16

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 14:42
Output File: ^G4246::QT Injected at: 990928 20:16
Data File: >G4246::G1 Dilution Factor: 1.00000
Name: DCB+TCMX .2PPM Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.89	1766	896928	2.42	ug/L	100
23)	#DCB	28.73	8619	1164189	2.85	ug/L	100

Compound uses ESTD



Data File: >G4246::G1 Quant Output File: ^G4246::QT
Name: DCB+TCMX .2PPM Instrument ID: G
Misc:

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

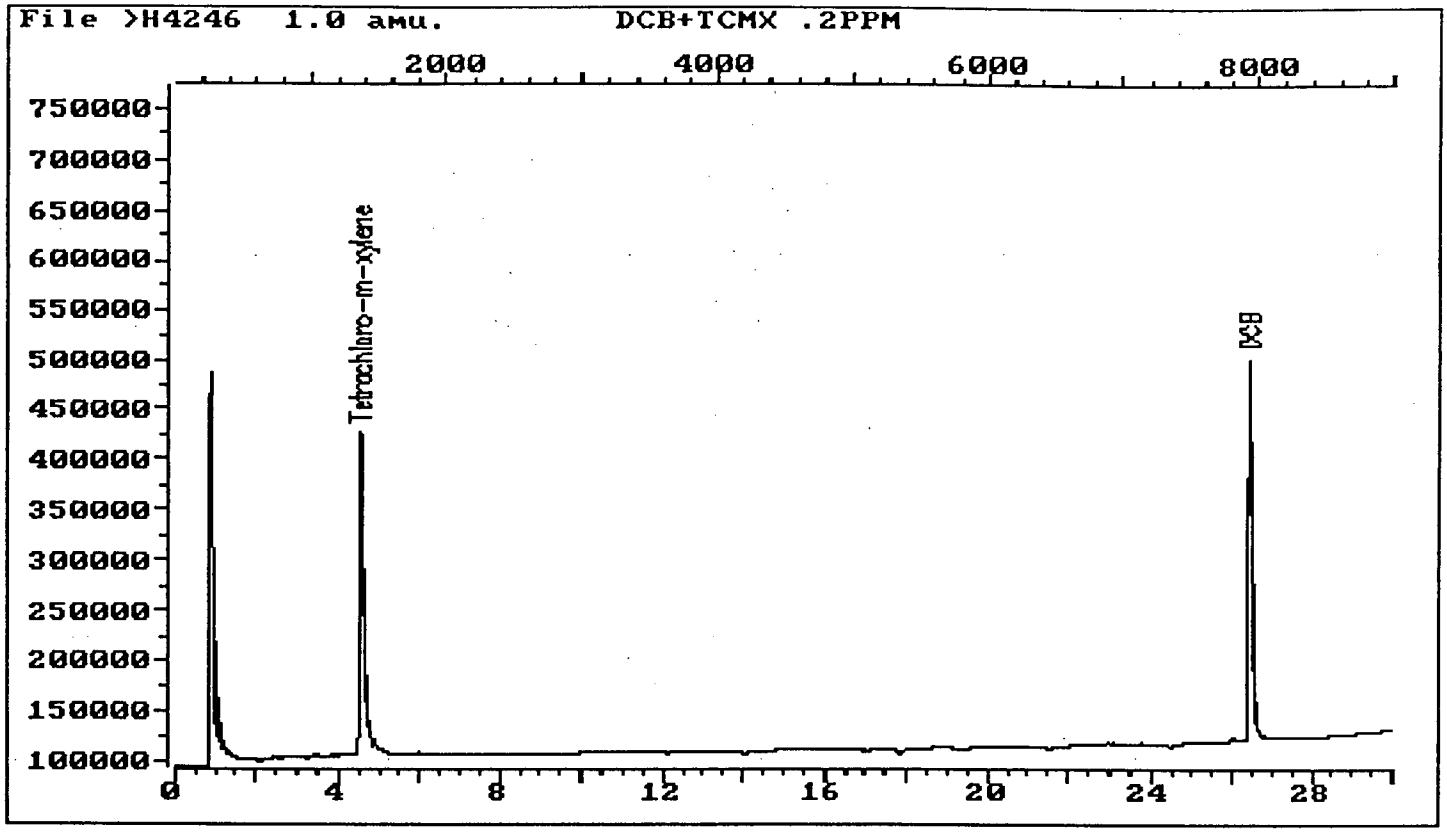
Operator ID: CLIFF
Quant Time : 990929 14:42
Injected at: 990928 20:16

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990930 09:13
Output File: ^H4246::QT Injected at: 990928 20:53
Data File: >H4246::G1 Dilution Factor: 1.00000
Name: DCB+TCMX .2PPM Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.55	1365	2448617	2.40	ug/L	100
23)	#DCB	26.43	7929	2959631	2.62	ug/L	100

Compound uses ESTD



Data File: >H4246::G1 Quant Output File: ^H4246::QT
Name: DCB+TCMX .2PPM Instrument ID: H
Misc:

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

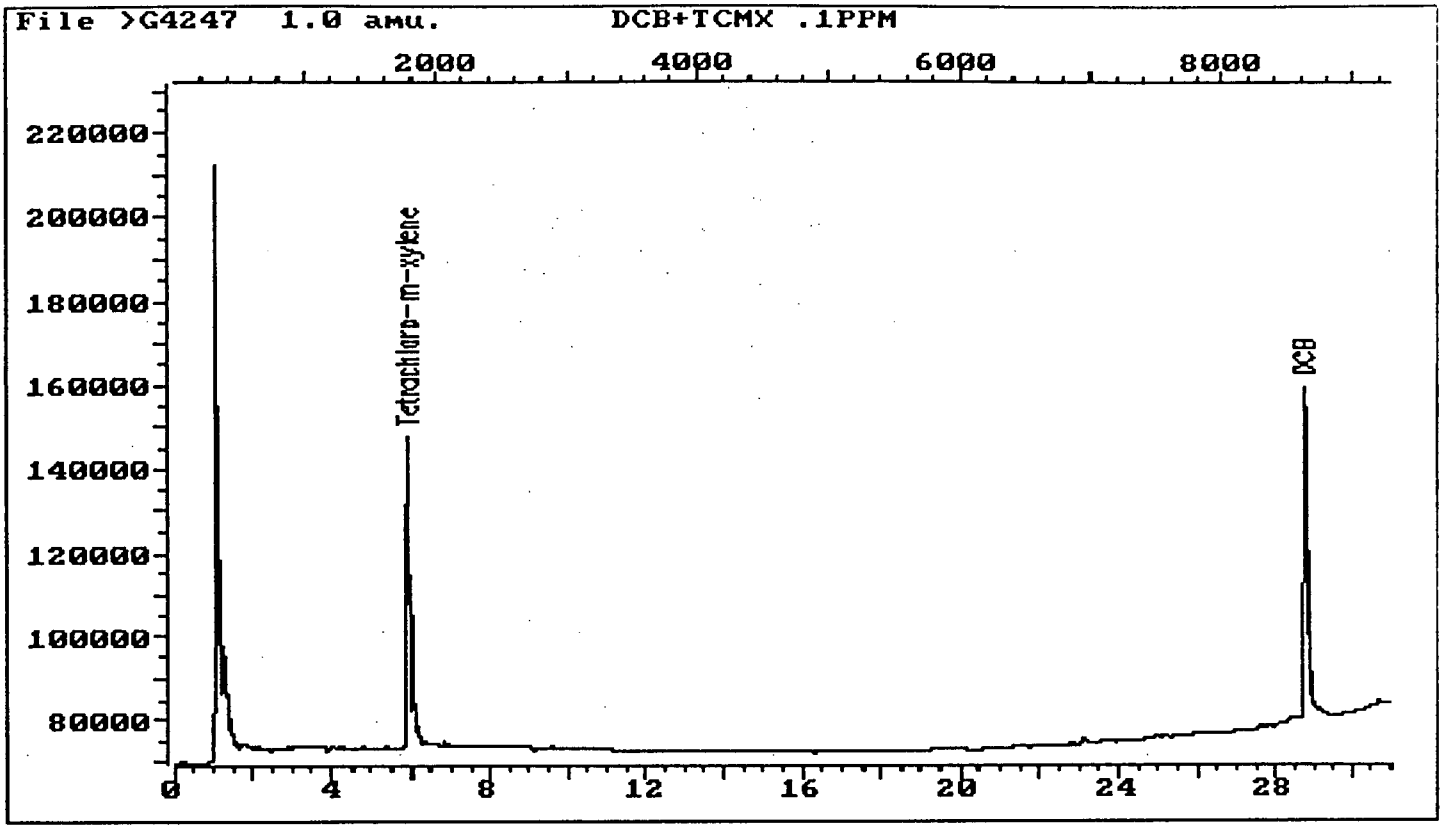
Operator ID: CLIFF
Quant Time : 990930 09:13
Injected at: 990928 20:53

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 14:43
Output File: ^G4247::QT Injected at: 990928 20:53
Data File: >G4247::G1 Dilution Factor: 1.00000
Name: DCB+TCMX .1PPM Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.89	1767	463598	1.25	ug/L	100
23)	#DCB	28.73	8620	620790	1.52	ug/L	100

Compound uses ESTD



Data File: >G4247::G1 Quant Output File: ^G4247::QT
Name: DCB+TCMX .1PPM Instrument ID: G
Misc:

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

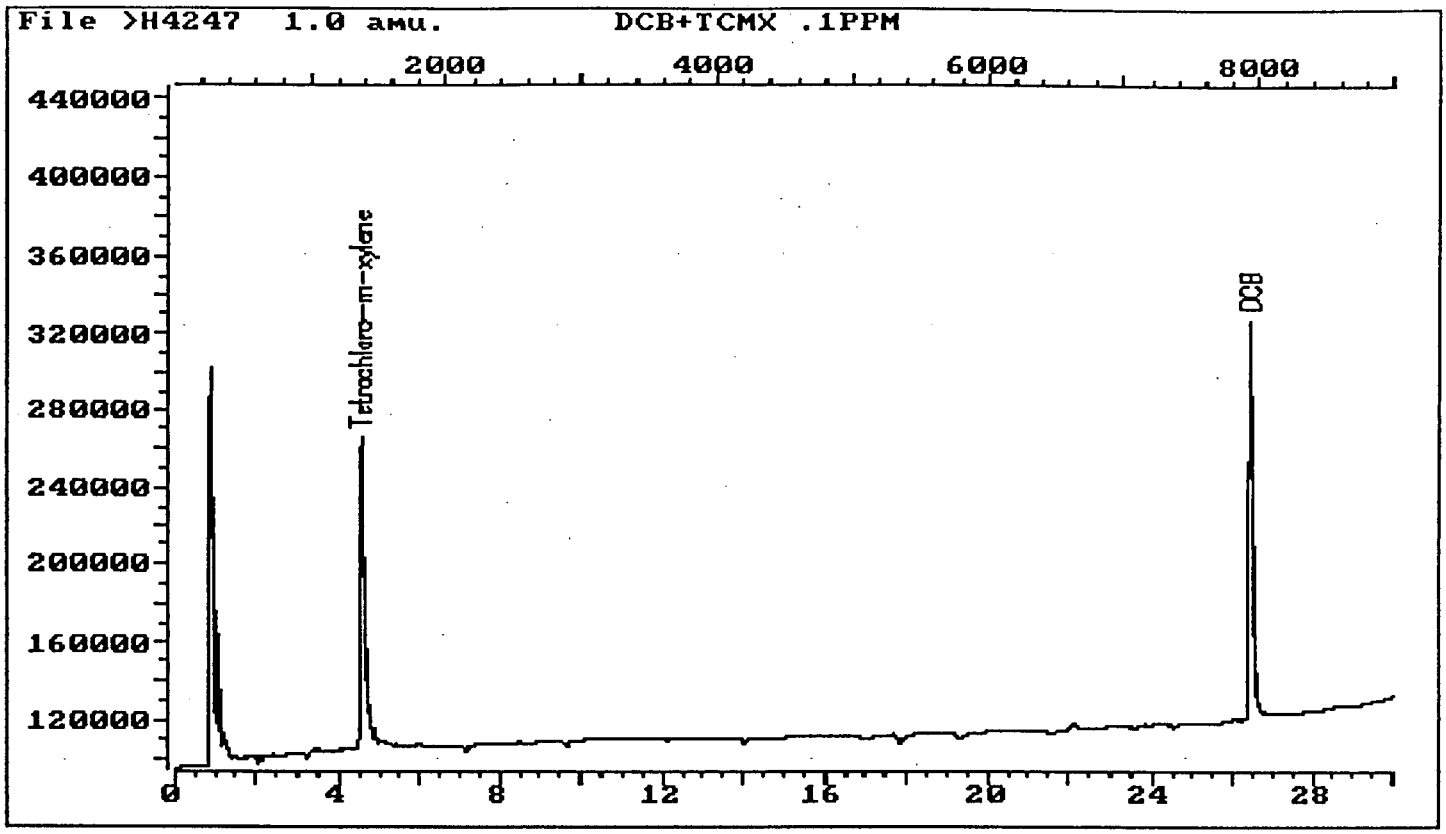
Operator ID: CLIFF
Quant Time : 990929 14:43
Injected at: 990928 20:53

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990930 09:14
Output File: ^H4247::QT Injected at: 990928 21:30
Data File: >H4247::G1 Dilution Factor: 1.00000
Name: DCB+TCMX .1PPM Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.56	1368	1295670	1.27	ug/L	100
23)	#DCB	26.43	7930	1614590	1.43	ug/L	100

Compound uses ESTD



Data File: >H4247::G1 Quant Output File: ^H4247::QT
Name: DCB+TCMX .1PPM Instrument ID: H
Misc:

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

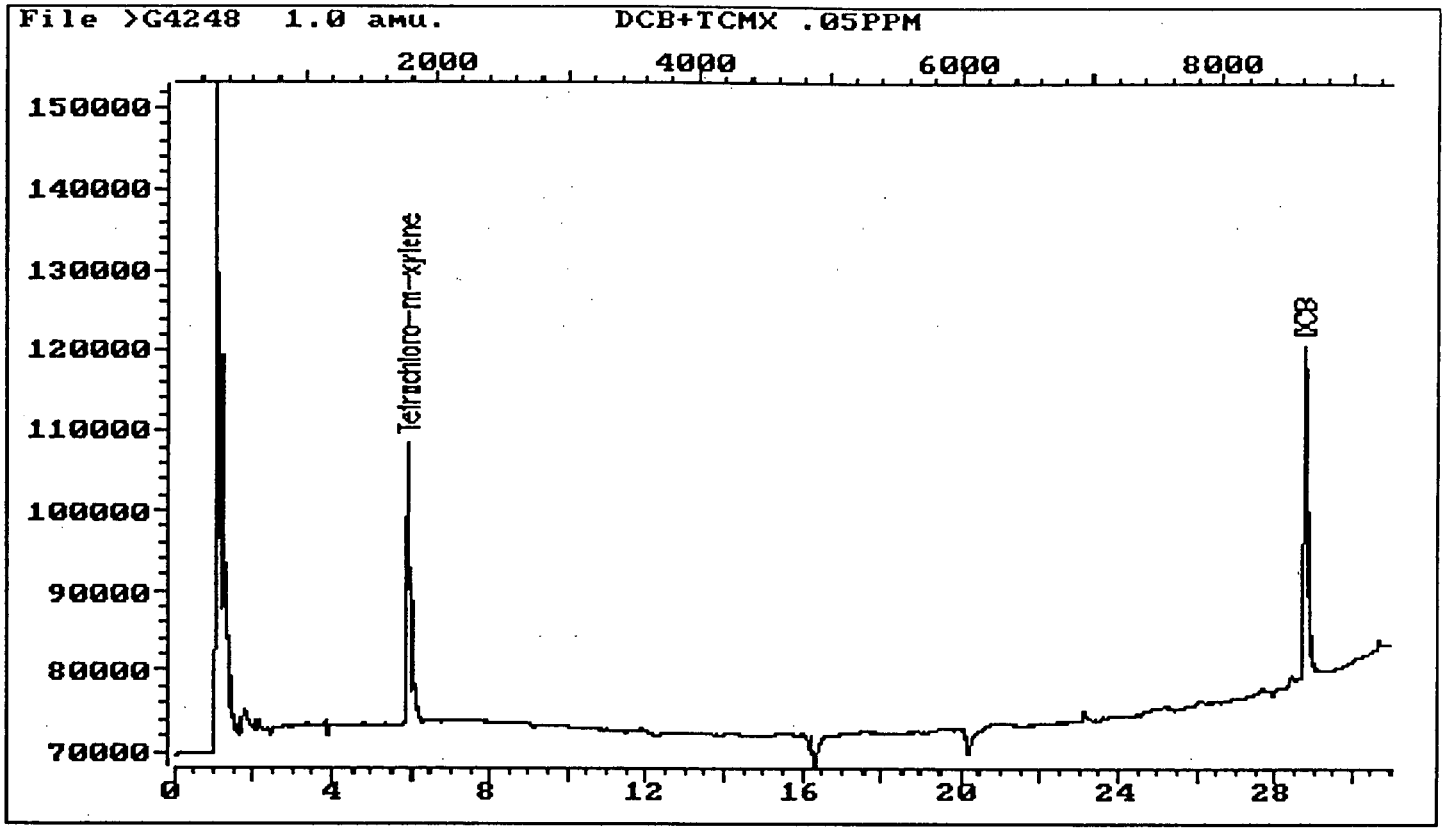
Operator ID: CLIFF
Quant Time : 990930 09:14
Injected at: 990928 21:30

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 14:45
Output File: ^G4248::QT Injected at: 990928 21:30
Data File: >G4248::G1 Dilution Factor: 1.00000
Name: DCB+TCMX .05PPM Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.89	1767	216798	.586	ug/L	100
23)	#DCB	28.73	8620	320121	.783	ug/L	100

Compound uses ESTD



Data File: >G4248::G1 Quant Output File: ^G4248::QT
Name: DCB+TCMX .05PPM Instrument ID: G
Misc:

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

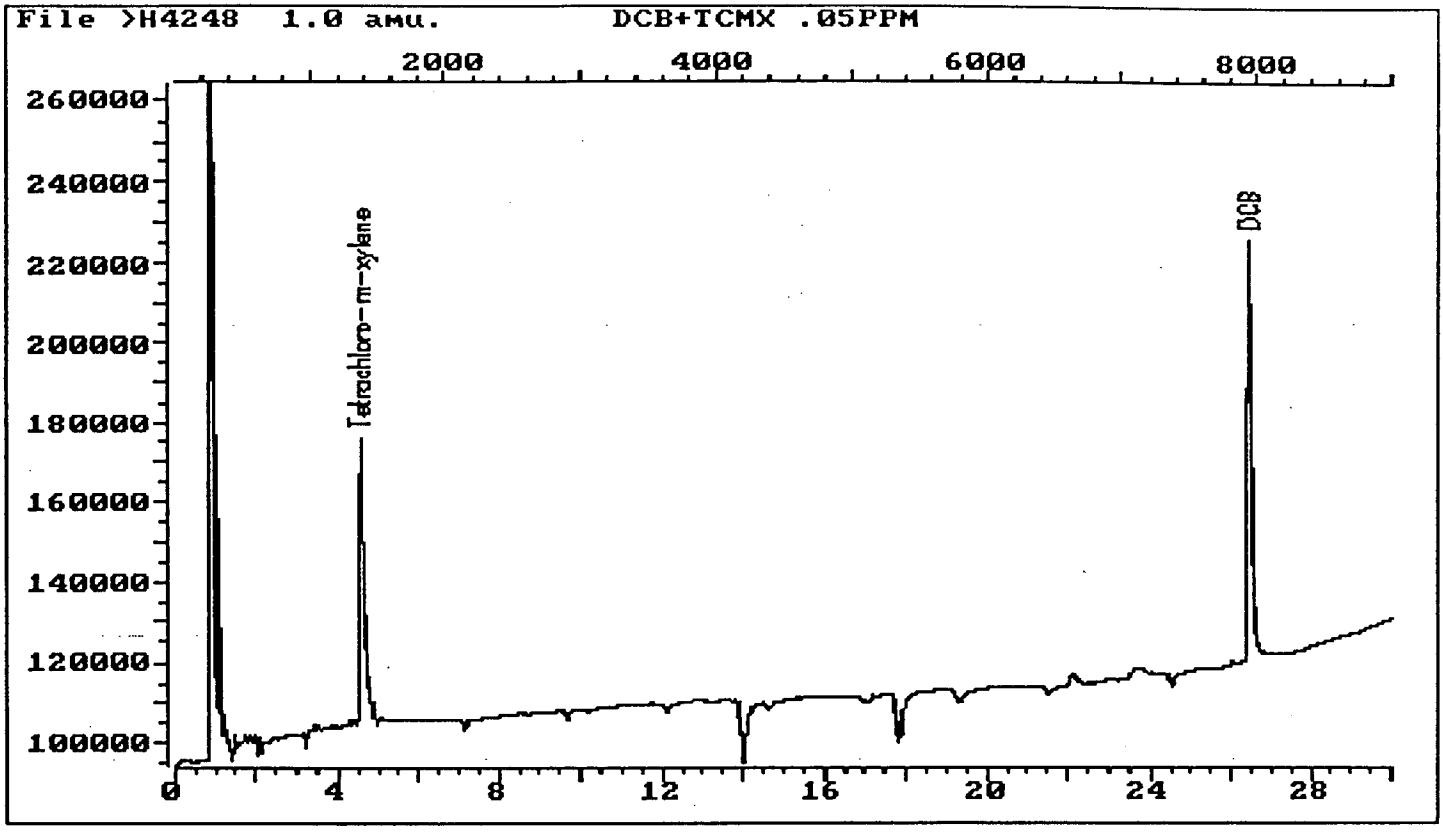
Operator ID: CLIFF
Quant Time : 990929 14:45
Injected at: 990928 21:30

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990930 09:15
Output File: ^H4248::QT Injected at: 990928 22:07
Data File: >H4248::G1 Dilution Factor: 1.00000
Name: DCB+TCMX .05PPM Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.57	1371	609844	.597	ug/L	100
23)	#DCB	26.44	7931	841092	.744	ug/L	100

Compound uses ESTD



Data File: >H4248::G1 Quant Output File: ^H4248::QT
Name: DCB+TCMX .05PPM Instrument ID: H
Misc:

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

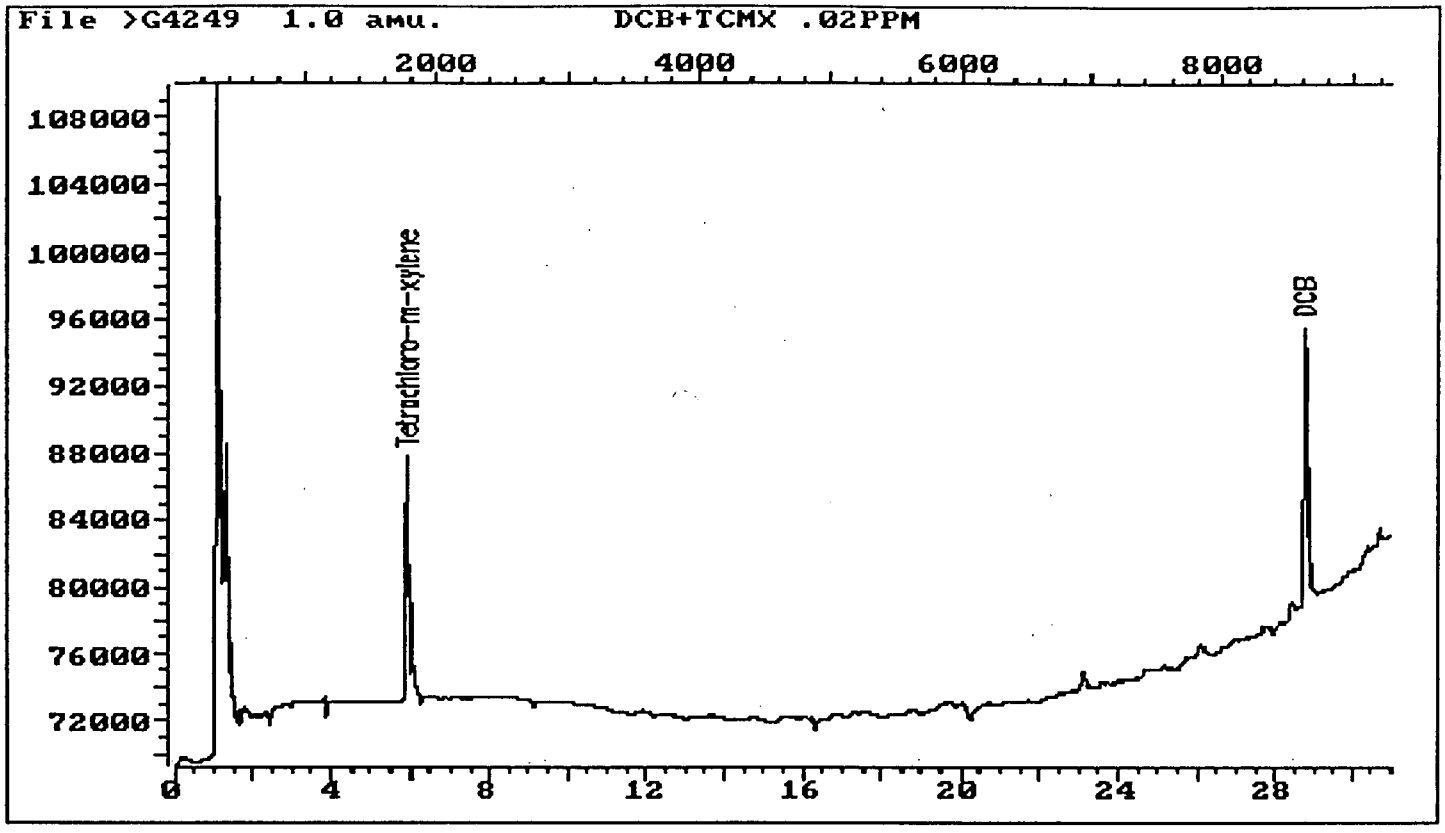
Operator ID: CLIFF
Quant Time : 990930 09:15
Injected at: 990928 22:07

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990929 14:45
Output File: ^G4249::QT Injected at: 990928 22:07
Data File: >G4249::G1 Dilution Factor: 1.00000
Name: DCB+TCMX .02PPM Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	5.89	1766	95024	.257	ug/L	100
23)	#DCB	28.73	8620	119827	.293	ug/L	100

Compound uses ESTD



Data File: >G4249::G1 Quant Output File: ^G4249::QT
Name: DCB+TCMX .02PPM Instrument ID: G
Misc:

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990427 16:22 Last Qcal Time: 990901 08:34

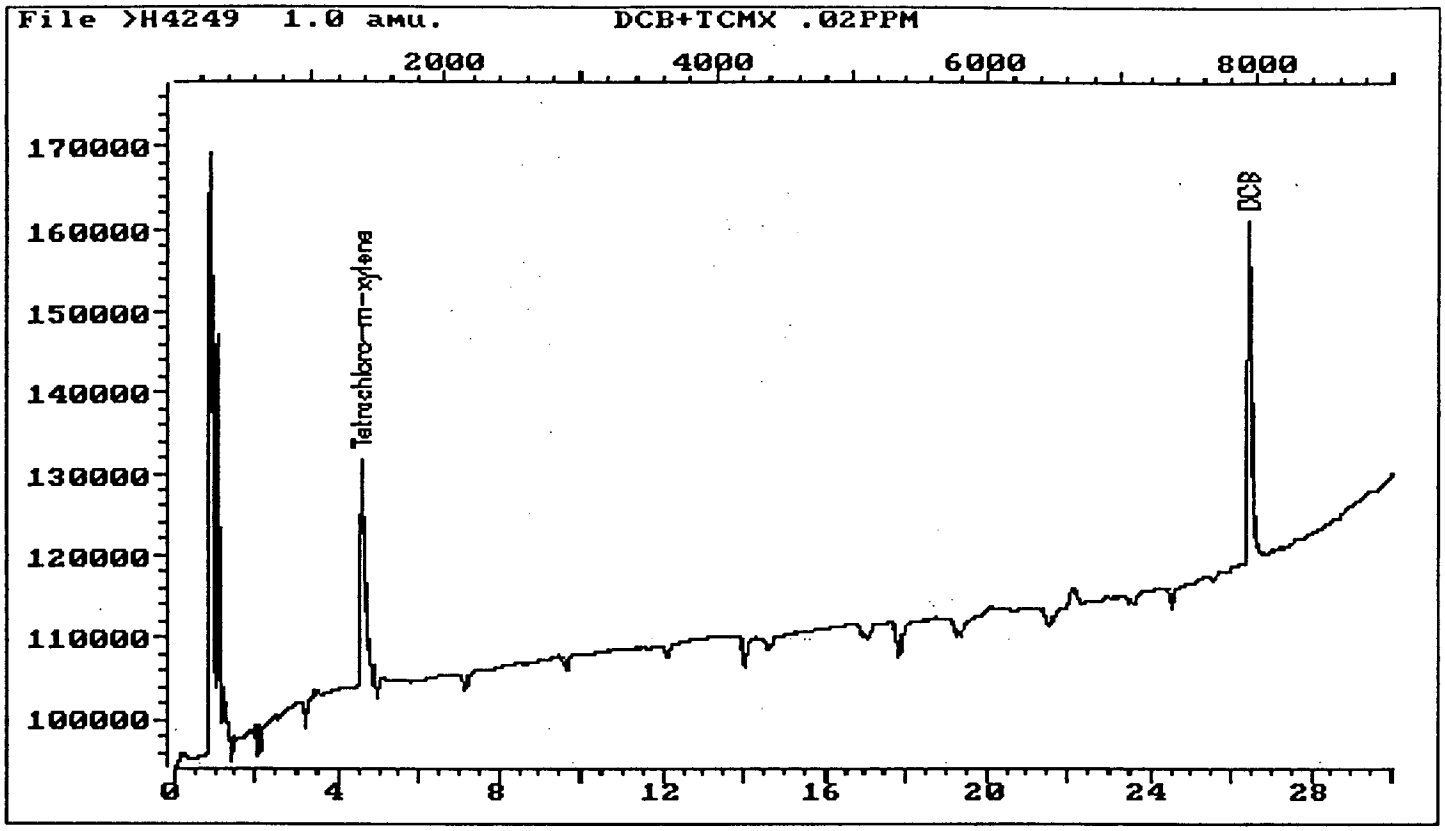
Operator ID: CLIFF
Quant Time : 990929 14:45
Injected at: 990928 22:07

Operator ID: CLIFF Quant Rev: 7 Quant Time: 990930 09:16
Output File: ^H4249::QT Injected at: 990928 22:44
Data File: >H4249::G1 Dilution Factor: 1.00000
Name: DCB+TCMX .02PPM Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.58	1374	281698	.276	ug/L	100
23)	#DCB	26.44	7931	334872	.296	ug/L	100

Compound uses ESTD



Data File: >H4249::G1 Quant Output File: ^H4249::QT
Name: DCB+TCMX .02PPM Instrument ID: H
Misc:

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990428 12:12 Last Qcal Time: 990624 09:48

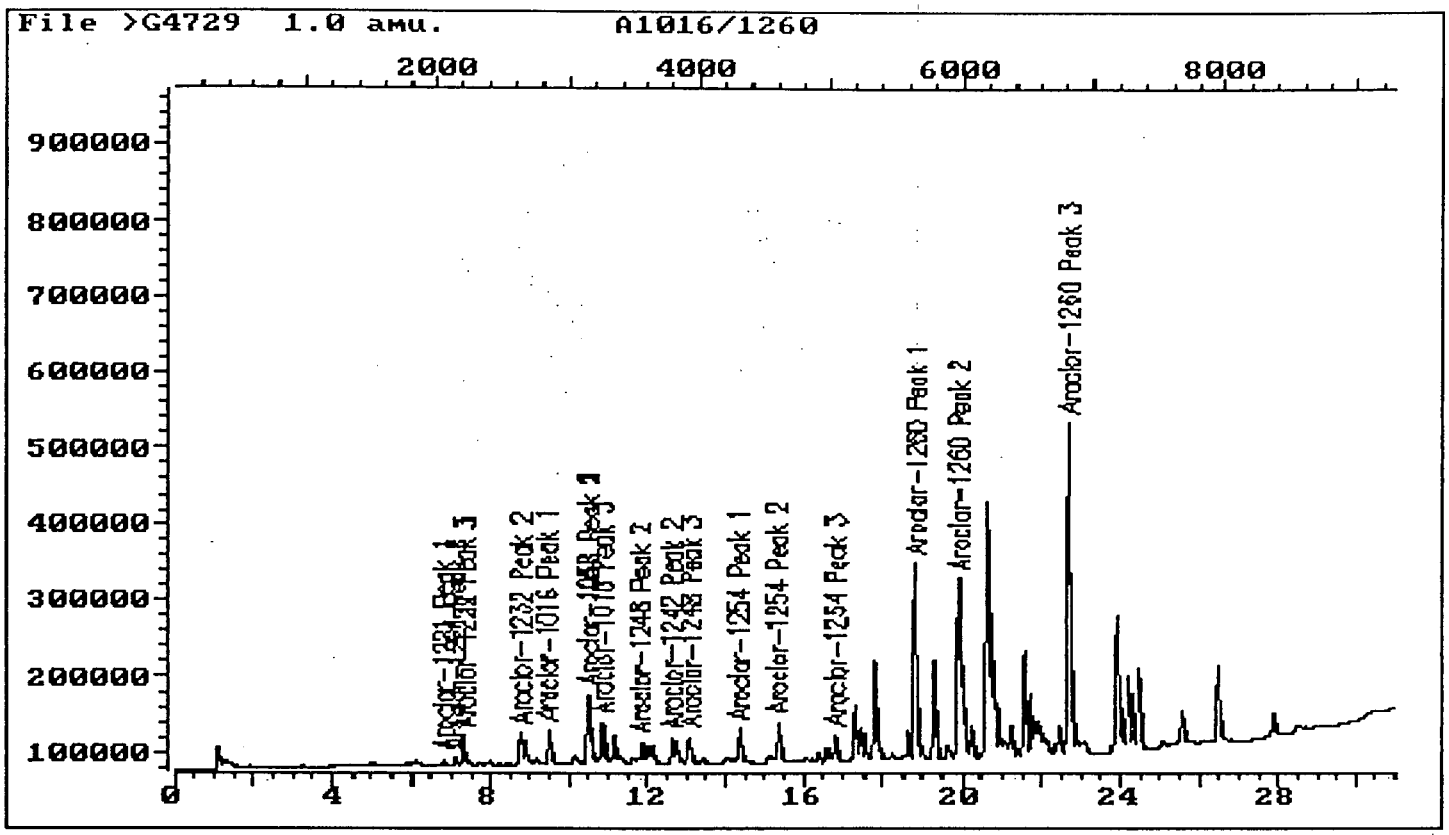
Operator ID: CLIFF
Quant Time : 990930 09:16
Injected at: 990928 22:44

Operator ID: JEFF Quant Rev: 7 Quant Time: 991207 18:06
Output File: ^G4729::QT Injected at: 991207 17:33
Data File: >G4729::G4 Dilution Factor: 1.00000
Name: A1016/1260 Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991202 17:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Aroclor-1016 Peak 1	9.43	2829	234277	25.93	ug/L	100
3)	#Aroclor-1016 Peak 2	10.49	3147	527879M	24.12	ug/L	100
4)	#Aroclor-1016 Peak 3	10.84	3253	172735M	25.61	ug/L	100
5)	#Aroclor-1221 Peak 1	6.80	2039	30835	27.46	ug/L	100
6)	#Aroclor-1221 Peak 2	7.13	2138	35115	27.73	ug/L	100
7)	#Aroclor-1221 Peak 3	7.33	2198	176476	26.29	ug/L	100
8)	#Aroclor-1232 Peak 1	7.33	2198	176476	26.29	ug/L	100
9)	#Aroclor-1232 Peak 2	8.75	2625	200366	27.43	ug/L	100
10)	#Aroclor-1232 Peak 3	10.49	3147	695319	26.92	ug/L	100
11)	#Aroclor-1242 Peak 1	10.49	3147	695319	26.92	ug/L	100
12)	#Aroclor-1242 Peak 2	12.59	3778	192541	26.57	ug/L	100
13)	#Aroclor-1242 Peak 3	13.08	3925	241870	26.64	ug/L	100
14)	#Aroclor-1248 Peak 1	10.49	3147	695319	26.92	ug/L	100
15)	#Aroclor-1248 Peak 2	11.80	3539	147741	27.67	ug/L	100
16)	#Aroclor-1248 Peak 3	13.08	3925	241870	26.64	ug/L	100
17)	#Aroclor-1254 Peak 1	14.32	4297	295673	26.96	ug/L	100
18)	#Aroclor-1254 Peak 2	15.30	4589	298223	22.43	ug/L	100
19)	#Aroclor-1254 Peak 3	16.78	5034	224966	26.29	ug/L	100
20)	#Aroclor-1260 Peak 1	18.80	5640	1662013	25.73	ug/L	100
21)	#Aroclor-1260 Peak 2	19.90	5970	1663146	24.98	ug/L	100
22)	#Aroclor-1260 Peak 3	22.69	6806	2750517	25.27	ug/L	100

Compound uses ESTD



Data File: >G4729::G4 Quant Output File: ^G4729::QT
Name: A1016/1260 Instrument ID: G
Misc:

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991202 17:34

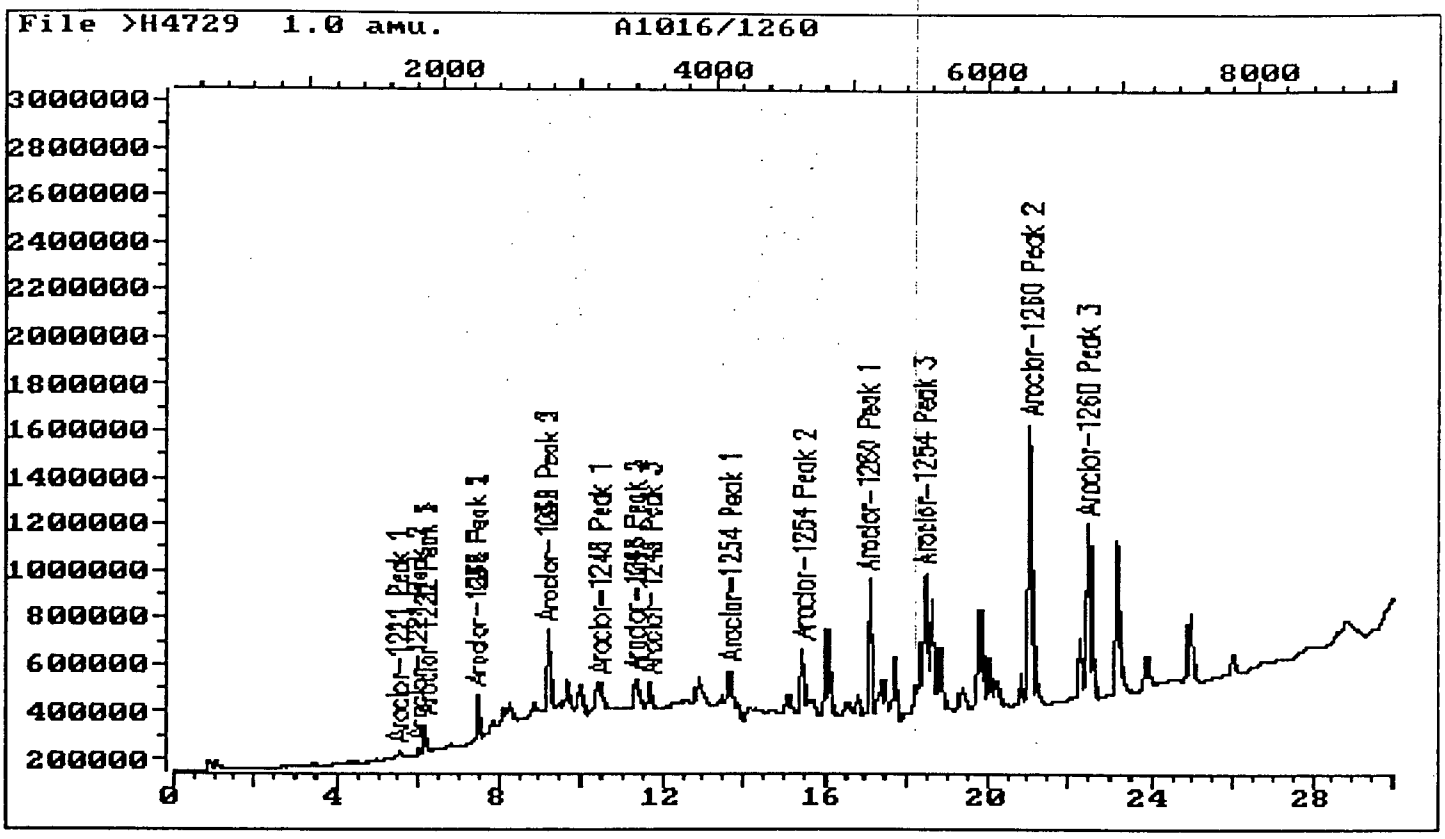
Operator ID: JEFF
Quant Time : 991207 18:06
Injected at: 991207 17:33

Operator ID: JEFF Quant Rev: 7 Quant Time: 991207 18:43
Output File: ^H4729::QT Injected at: 991207 18:10
Data File: >H4729::G4 Dilution Factor: 1.00000
Name: A1016/1260 Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991202 18:12

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Aroclor-1016 Peak 1	7.42	2226	923945	25.52	ug/L	100
3)	#Aroclor-1016 Peak 2	9.14	2743	1989037M	26.30	ug/L	100
4)	#Aroclor-1016 Peak 3	11.30	3389	838052	25.01	ug/L	100
5)	#Aroclor-1221 Peak 1	5.50	1650	91995M	26.17	ug/L	
6)	#Aroclor-1221 Peak 2	5.96	1789	128847	29.53	ug/L	100
7)	#Aroclor-1221 Peak 3	6.16	1849	584700	25.72	ug/L	100
8)	#Aroclor-1232 Peak 1	6.16	1849	584700	25.72	ug/L	100
9)	#Aroclor-1232 Peak 2	7.42	2226	923945	22.61	ug/L	100
10)	#Aroclor-1232 Peak 3	9.14	2743	2089006	24.09	ug/L	100
11)	#Aroclor-1242 Peak 1	7.42	2226	923945	22.61	ug/L	100
12)	#Aroclor-1242 Peak 2	9.14	2743	2089006	24.09	ug/L	100
13)	#Aroclor-1242 Peak 3	11.69	3507	624878	19.10	ug/L	100
14)	#Aroclor-1248 Peak 1	10.44	3131	1221696	23.35	ug/L	100
15)	#Aroclor-1248 Peak 2	11.30	3389	838052	21.47	ug/L	100
16)	#Aroclor-1248 Peak 3	11.69	3507	624878	19.10	ug/L	100
17)	#Aroclor-1254 Peak 1	13.66	4097	796372	25.05	ug/L	100
18)	#Aroclor-1254 Peak 2	15.44	4633	1632413	23.86	ug/L	100
19)	#Aroclor-1254 Peak 3	18.42	5526	3589531	26.90	ug/L	100
20)	#Aroclor-1260 Peak 1	17.04	5113	3182859M	26.02	ug/L	100
21)	#Aroclor-1260 Peak 2	21.06	6317	8387207	26.65	ug/L	100
22)	#Aroclor-1260 Peak 3	22.45	6734	5458209	26.20	ug/L	100

Compound uses ESTD



Data File: >H4729::G4 Quant Output File: ^H4729::QT
Name: A1016/1260 Instrument ID: H
Misc:

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991202 18:12

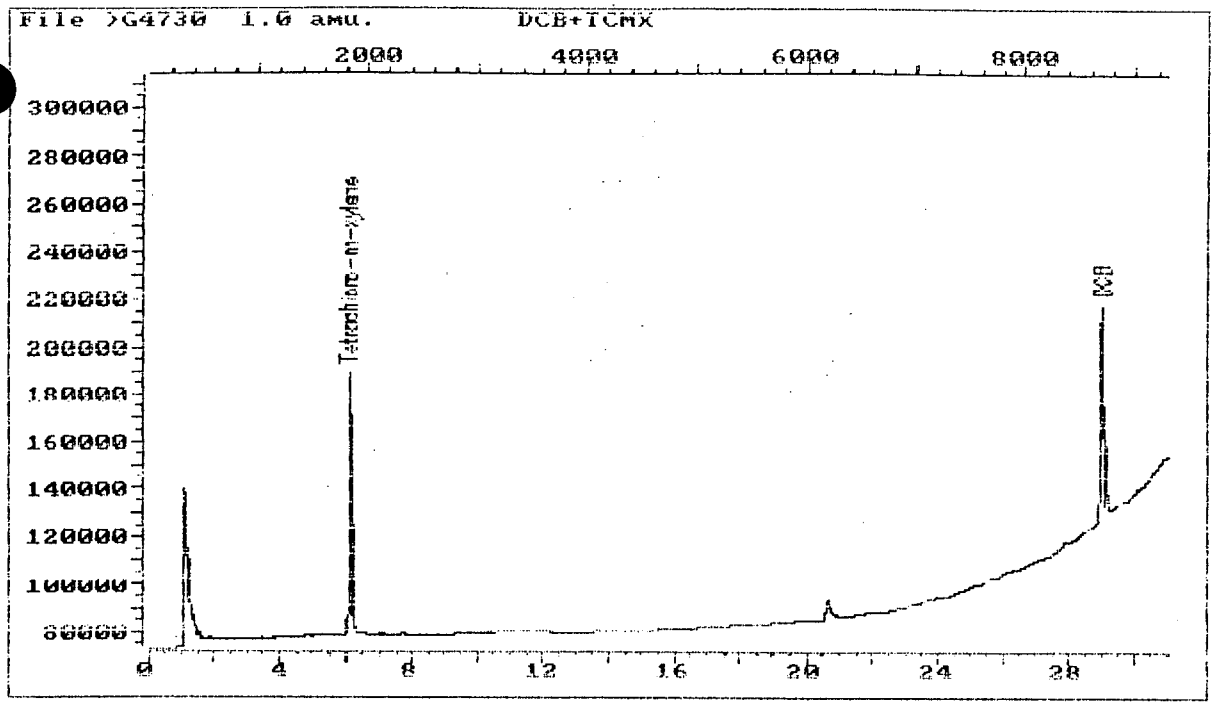
Operator ID: JEFF
Quant Time : 991207 18:43
Injected at: 991207 18:10

Operator ID: JEFF Quant Rev: 7 Quant Time: 991207 18:44
Output File: ^G4730::QT Injected at: 991207 18:10
Data File: >G4730::G4 Dilution Factor: 1.00000
Name: DCB+TCMX Instrument ID: G
Misc:

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991202 17:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.07	1822	486465	.963	ug/L	100
23)	#DCB	28.98	8694	609319M	.991	ug/L	100

Compound uses ESTD



Data File: >G4730::G4 Quant Output File: ^G4730::QT
Name: DCB+TCMX Instrument ID: G
Misc:

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991202 17:34

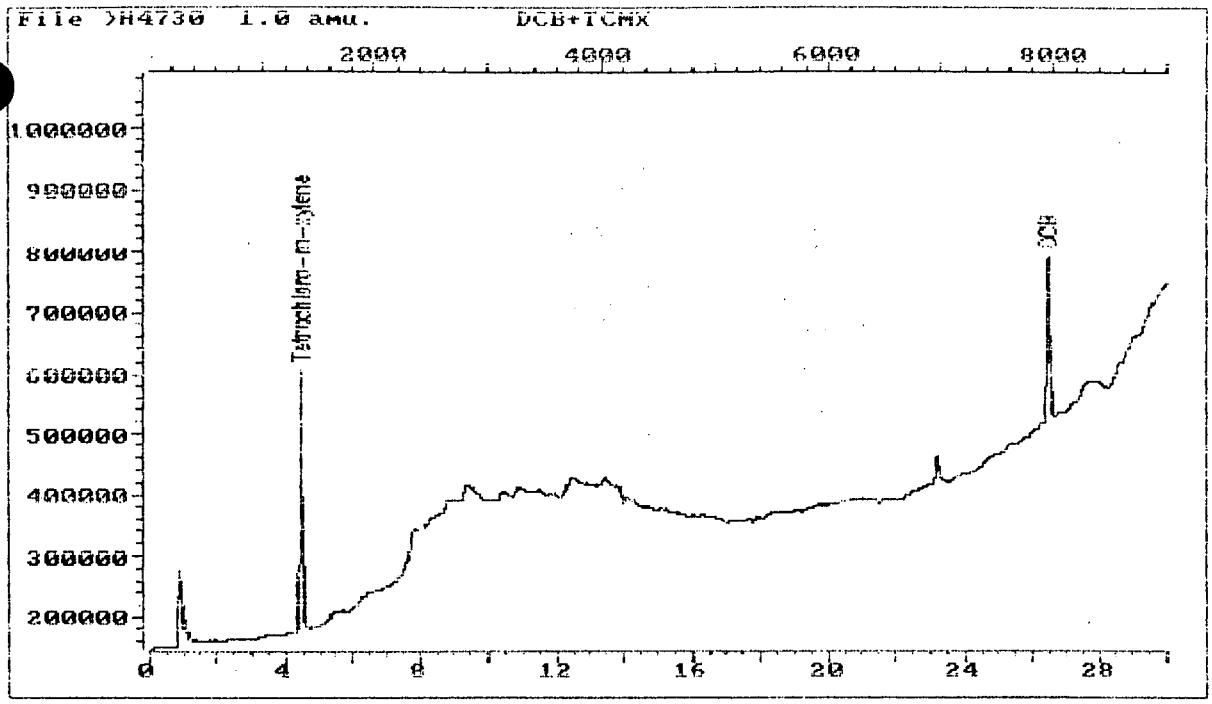
Operator ID: JEFF
Quant Time : 991207 18:44
Injected at: 991207 18:10

Operator ID: JEFF Quant Rev: 7 Quant Time: 991207 19:20
Output File: ^H4730::QT Injected at: 991207 18:47
Data File: >H4730::G4 Dilution Factor: 1.00000
Name: DCB+TCMX Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991202 18:12

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.45	1335	1410802M	1.00	ug/L	100
23)	#DCB	26.47	7940	1764081M	1.04	ug/L	100

Compound uses ESTD



Data File: >H4730::G4 Quant Output File: ^H4730::QT
Name: DCB+TCMX Instrument ID: H
Misc:

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991202 18:12

Operator ID: JEFF
Quant Time : 991207 19:20
Injected at: 991207 18:47

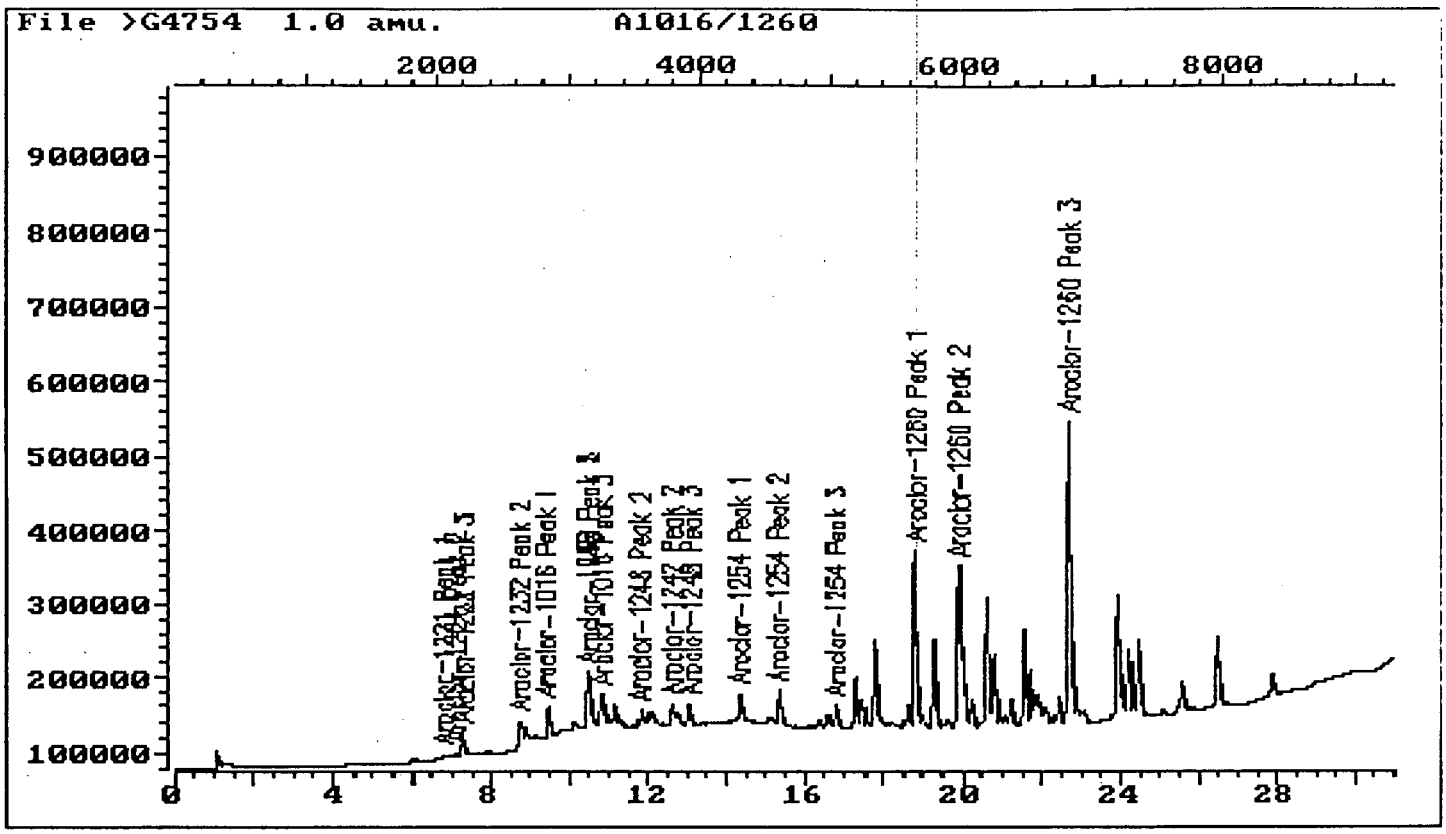
Operator ID: JEFF
Output File: ^G4754::QT
Data File: >G4754::G4
Name: A1016/1260
Misc:

Quant Rev: 7 Quant Time: 991208 09:34
Injected at: 991208 08:59
Dilution Factor: 1.00000
Instrument ID: G

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Aroclor-1016 Peak 1	9.40	2820	232941	24.86	ug/L	100
3)	#Aroclor-1016 Peak 2	10.47	3141	536572M	25.41	ug/L	100
4)	#Aroclor-1016 Peak 3	10.82	3247	174475M	25.25	ug/L	100
5)	#Aroclor-1221 Peak 1	6.77	2030	35433M	28.73	ug/L	100
6)	#Aroclor-1221 Peak 2	7.10	2130	30670	21.84	ug/L	100
7)	#Aroclor-1221 Peak 3	7.30	2190	168001	23.80	ug/L	100
8)	#Aroclor-1232 Peak 1	7.30	2190	168001	23.80	ug/L	100
9)	#Aroclor-1232 Peak 2	8.72	2616	256990	32.07	ug/L	100
10)	#Aroclor-1232 Peak 3	10.47	3141	638644	22.96	ug/L	100
11)	#Aroclor-1242 Peak 1	10.47	3141	638644	22.96	ug/L	100
12)	#Aroclor-1242 Peak 2	12.57	3771	161417	20.96	ug/L	100
13)	#Aroclor-1242 Peak 3	13.06	3918	213396	22.06	ug/L	100
14)	#Aroclor-1248 Peak 1	10.47	3141	638644	22.96	ug/L	100
15)	#Aroclor-1248 Peak 2	11.77	3532	114018	19.29	ug/L	100
16)	#Aroclor-1248 Peak 3	13.06	3918	213396	22.06	ug/L	100
17)	#Aroclor-1254 Peak 1	14.30	4291	251570	21.27	ug/L	100
18)	#Aroclor-1254 Peak 2	15.28	4584	269973	22.63	ug/L	100
19)	#Aroclor-1254 Peak 3	16.77	5031	199650	22.19	ug/L	100
20)	#Aroclor-1260 Peak 1	18.79	5637	1631778	24.55	ug/L	100
21)	#Aroclor-1260 Peak 2	19.89	5968	1620222	24.35	ug/L	100
22)	#Aroclor-1260 Peak 3	22.69	6806	2733355	24.84	ug/L	100

Compound uses ESTD



Data File: >G4754::G4 Quant Output File: ^G4754::QT
Name: A1016/1260 Instrument ID: G
Misc:

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

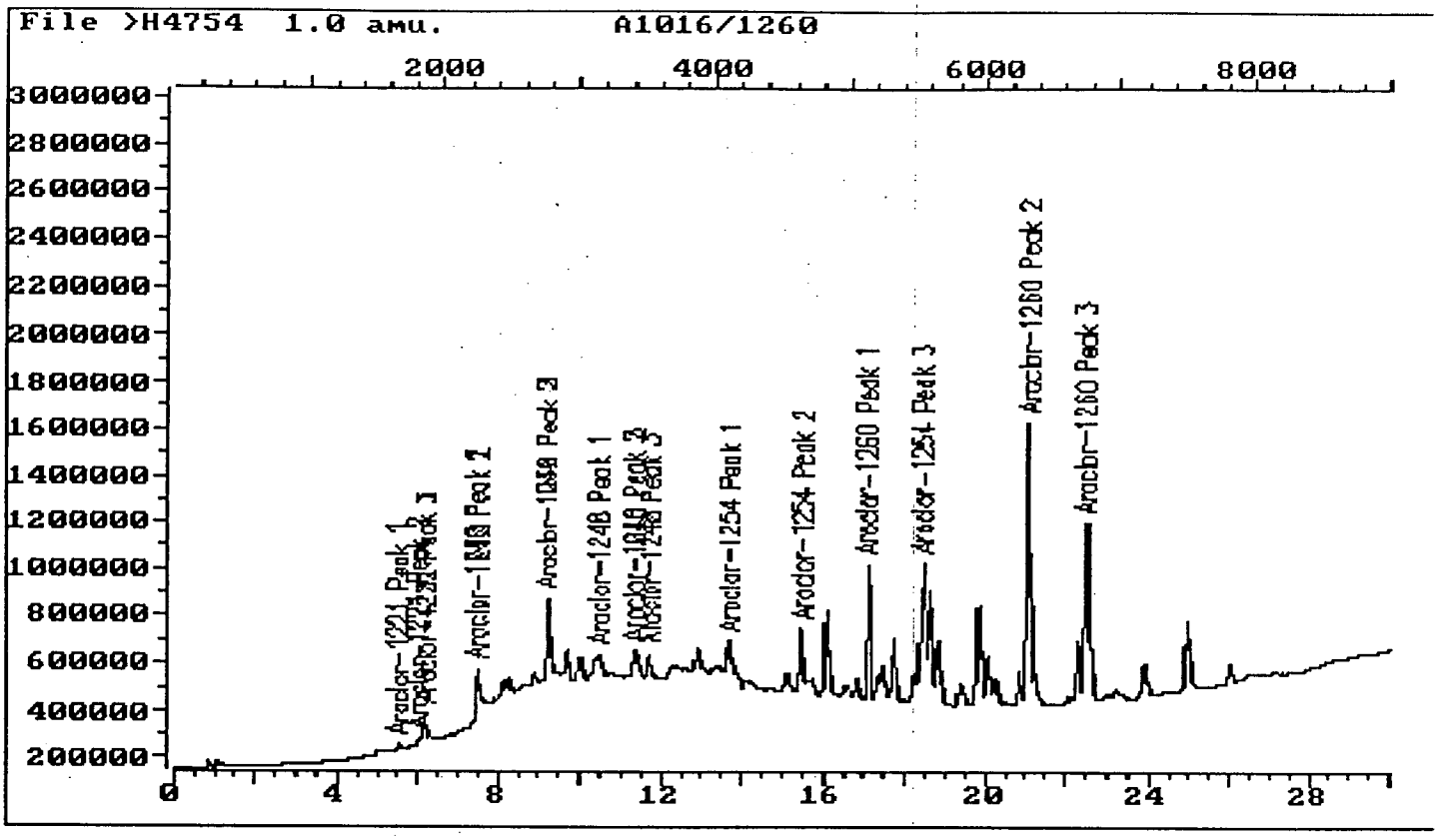
Operator ID: JEFF
Quant Time : 991208 09:34
Injected at: 991208 08:59

Operator ID: JEFF Quant Rev: 7 Quant Time: 991208 10:11
Output File: ^H4754::QT Injected at: 991208 09:37
Data File: >H4754::G4 Dilution Factor: 1.00000
Name: A1016/1260 Instrument ID: H
Misc:

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Aroclor-1016 Peak 1	7.44	2232	869440M	23.53	ug/L	100
3)	#Aroclor-1016 Peak 2	9.17	2750	1950982M	24.52	ug/L	100
4)	#Aroclor-1016 Peak 3	11.32	3395	800784M	23.89	ug/L	100
5)	#Aroclor-1221 Peak 1	5.52	1655	70595	19.18	ug/L	100
6)	#Aroclor-1221 Peak 2	5.99	1796	136581	26.50	ug/L	100
7)	#Aroclor-1221 Peak 3	6.18	1855	520657	22.26	ug/L	100
8)	#Aroclor-1232 Peak 1	6.18	1855	520657	22.26	ug/L	100
9)	#Aroclor-1232 Peak 2	7.44	2232	3486848	94.35	ug/L	100
10)	#Aroclor-1232 Peak 3	9.17	2750	2221223	26.58	ug/L	100
11)	#Aroclor-1242 Peak 1	7.44	2232	3486848	94.35	ug/L	100
12)	#Aroclor-1242 Peak 2	9.17	2750	2221223	26.58	ug/L	100
13)	#Aroclor-1242 Peak 3	11.71	3513	770893	30.84	ug/L	100
14)	#Aroclor-1248 Peak 1	10.46	3137	1378316	28.20	ug/L	100
15)	#Aroclor-1248 Peak 2	11.32	3395	940189	28.05	ug/L	100
16)	#Aroclor-1248 Peak 3	11.71	3513	770893	30.84	ug/L	100
17)	#Aroclor-1254 Peak 1	13.68	4103	727600	22.84	ug/L	100
18)	#Aroclor-1254 Peak 2	15.46	4639	1550374	23.74	ug/L	100
19)	#Aroclor-1254 Peak 3	18.44	5532	4902586	34.15	ug/L	100
20)	#Aroclor-1260 Peak 1	17.06	5118	3346750M	26.29	ug/L	100
21)	#Aroclor-1260 Peak 2	21.07	6322	8729368	26.02	ug/L	100
22)	#Aroclor-1260 Peak 3	22.47	6740	5586763	25.59	ug/L	100

Compound uses ESTD



Data File: >H4754::G4 Quant Output File: ^H4754::QT
Name: A1016/1260 Instrument ID: H
Misc:

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

Operator ID: JEFF
Quant Time : 991208 10:11
Injected at: 991208 09:37

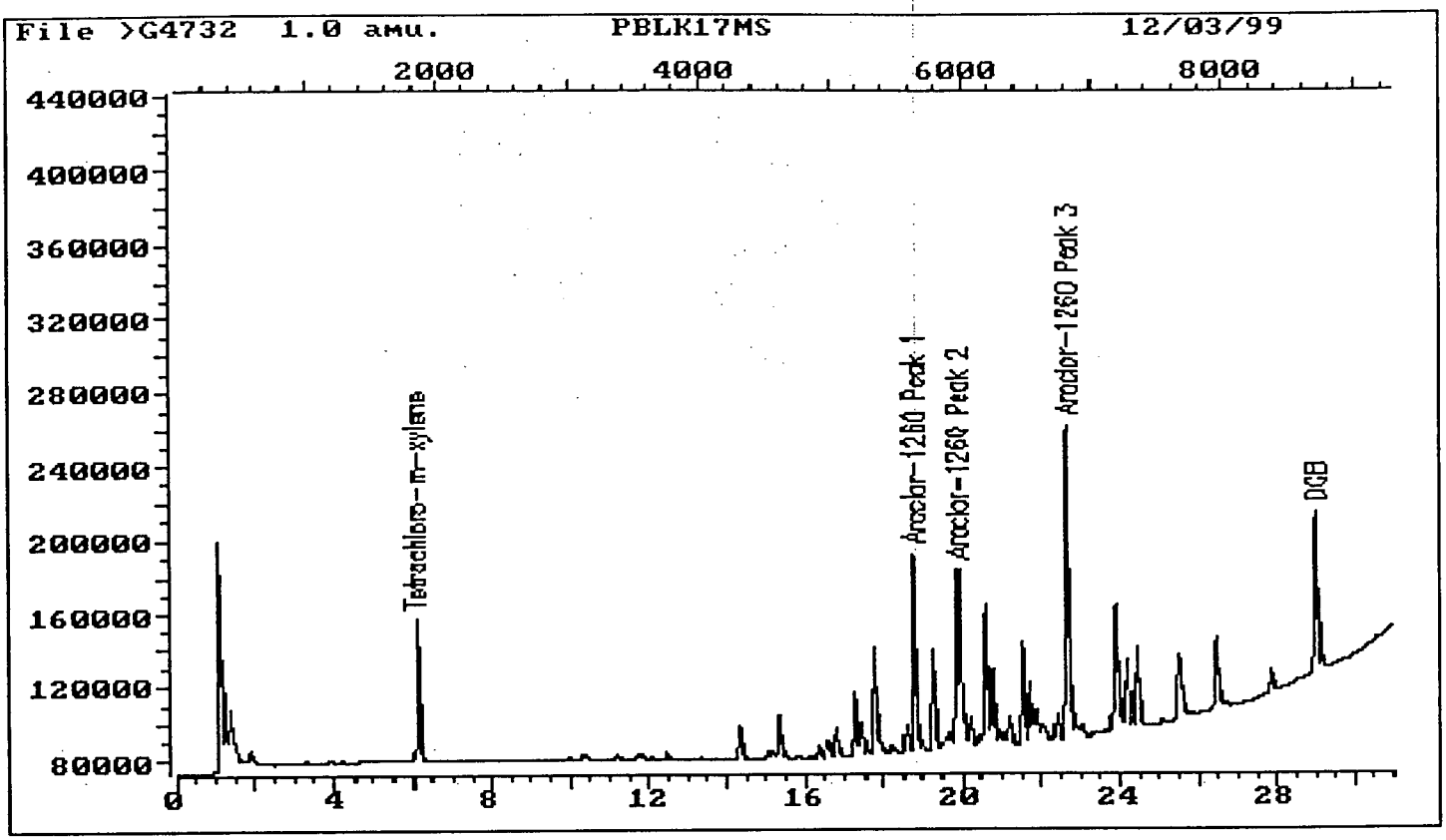
Operator ID: JEFF
Output File: ^G4732::QT
Data File: >G4732::G4
Name: PBLK17MS
Misc: 12/03/99

Quant Rev: 7 Quant Time: 991208 07:38
Injected at: 991207 19:24
Dilution Factor: 1.00000
Instrument ID: G

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.07	1821	340122	.699	ug/L	100
20)	#Aroclor-1260 Peak 1	18.77	5631	722772	10.87	ug/L	100
21)	#Aroclor-1260 Peak 2	19.88	5963	674603	10.14	ug/L	100
22)	#Aroclor-1260 Peak 3	22.67	6800	1112467	10.11	ug/L	100
23)	#DCB	28.98	8693	560563	.920	ug/L	100

Compound uses ESTD



Data File: >G4732::G4 Quant Output File: ^G4732::QT
Name: PBLK17MS Instrument ID: G
Misc: 12/03/99

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

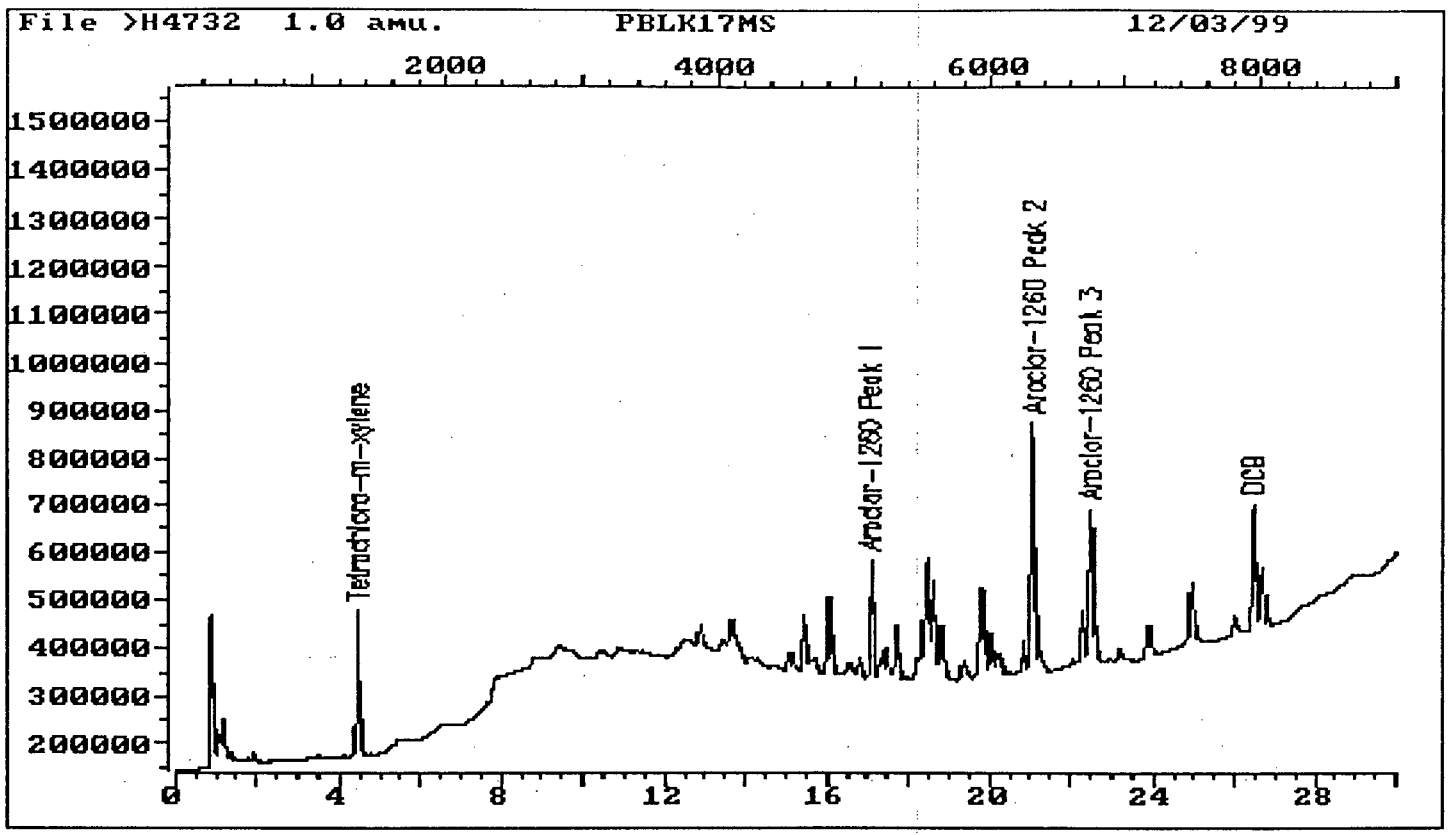
Operator ID: JEFF
Quant Time : 991208 07:38
Injected at: 991207 19:24

Operator ID: JEFF Quant Rev: 7 Quant Time: 991208 08:35
Output File: ^H4732::QT Injected at: 991207 20:01
Data File: >H4732::G4 Dilution Factor: 1.00000
Name: PBLK17MS Instrument ID: H
Misc: 12/03/99

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.45	1336	1200826	.851	ug/L	100
20)	#Aroclor-1260 Peak 1	17.04	5113	1509966	11.86	ug/L	100
21)	#Aroclor-1260 Peak 2	21.06	6318	3739631	11.15	ug/L	100
22)	#Aroclor-1260 Peak 3	22.45	6735	2395327	10.97	ug/L	100
23)	#DCB	26.47	7941	1761482	.999	ug/L	100

Compound uses ESTD



Data File: >H4732::G4 Quant Output File: ^H4732::QT
Name: PBLK17MS Instrument ID: H
Misc: 12/03/99

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

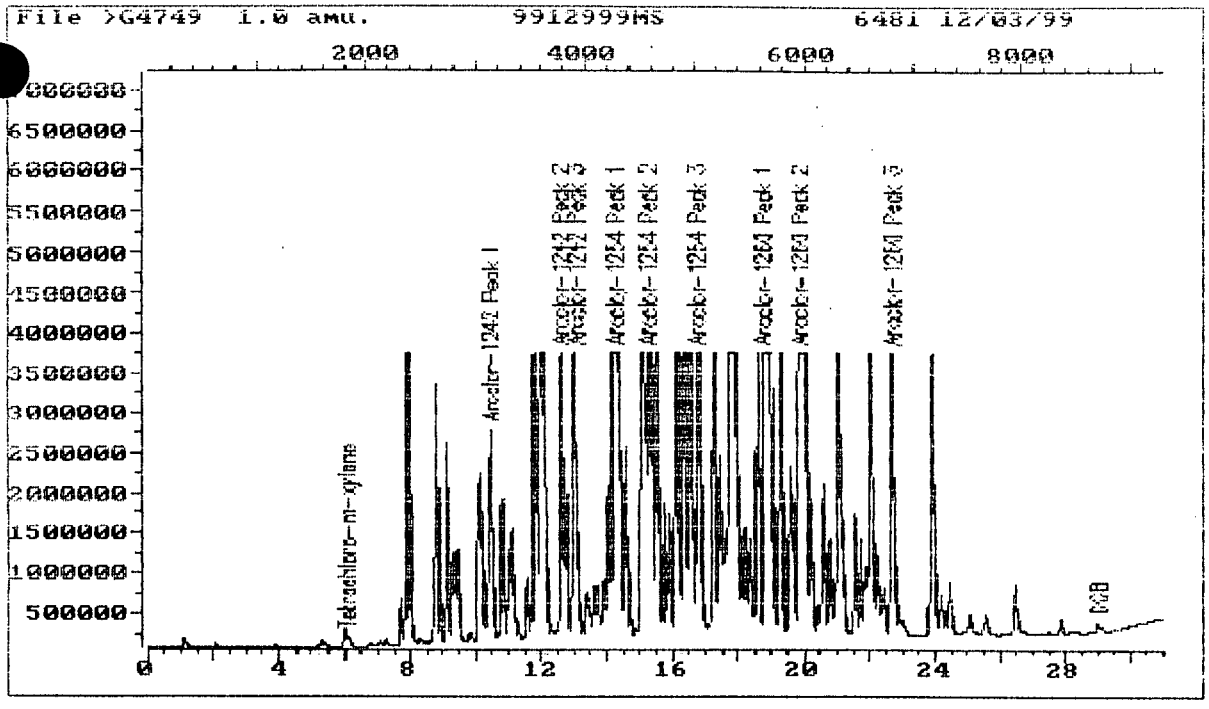
Operator ID: JEFF
Quant Time : 991208 08:35
Injected at: 991207 20:01

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 07:56
utput File: ^G4749::QT Injected at: 991208 05:53
ata File: >G4749::G4 Dilution Factor: 1.00000
ame: 9912999MS Instrument ID: G
isc: 6481 12/03/99 OE SP-4

D File: ID7PCB::G5
itle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.08	1823	434074M	.892	ug/L	
11)	#Aroclor-1242 Peak 1	10.44	3132	19656820	706.76	ug/L	100
12)	#Aroclor-1242 Peak 2	12.56	3767	17607080	2286.15	ug/L	100
13)	#Aroclor-1242 Peak 3	13.03	3909	31000068M	3204.21	ug/L	
17)	#Aroclor-1254 Peak 1	14.25	4276	57946608M	4899.55	ug/L	
18)	#Aroclor-1254 Peak 2	15.23	4568	34318568M	2876.92	ug/L	
19)	#Aroclor-1254 Peak 3	16.71	5012	38796432M	4311.37	ug/L	
20)	#Aroclor-1260 Peak 1	18.73	5619	3257080	48.99	ug/L	100
21)	#Aroclor-1260 Peak 2	19.85	5955	53829952M	809.16	ug/L	
22)	#Aroclor-1260 Peak 3	22.66	6797	1747995	15.89	ug/L	100
23)	#DCB	28.99	8697	714022	1.17	ug/L	100

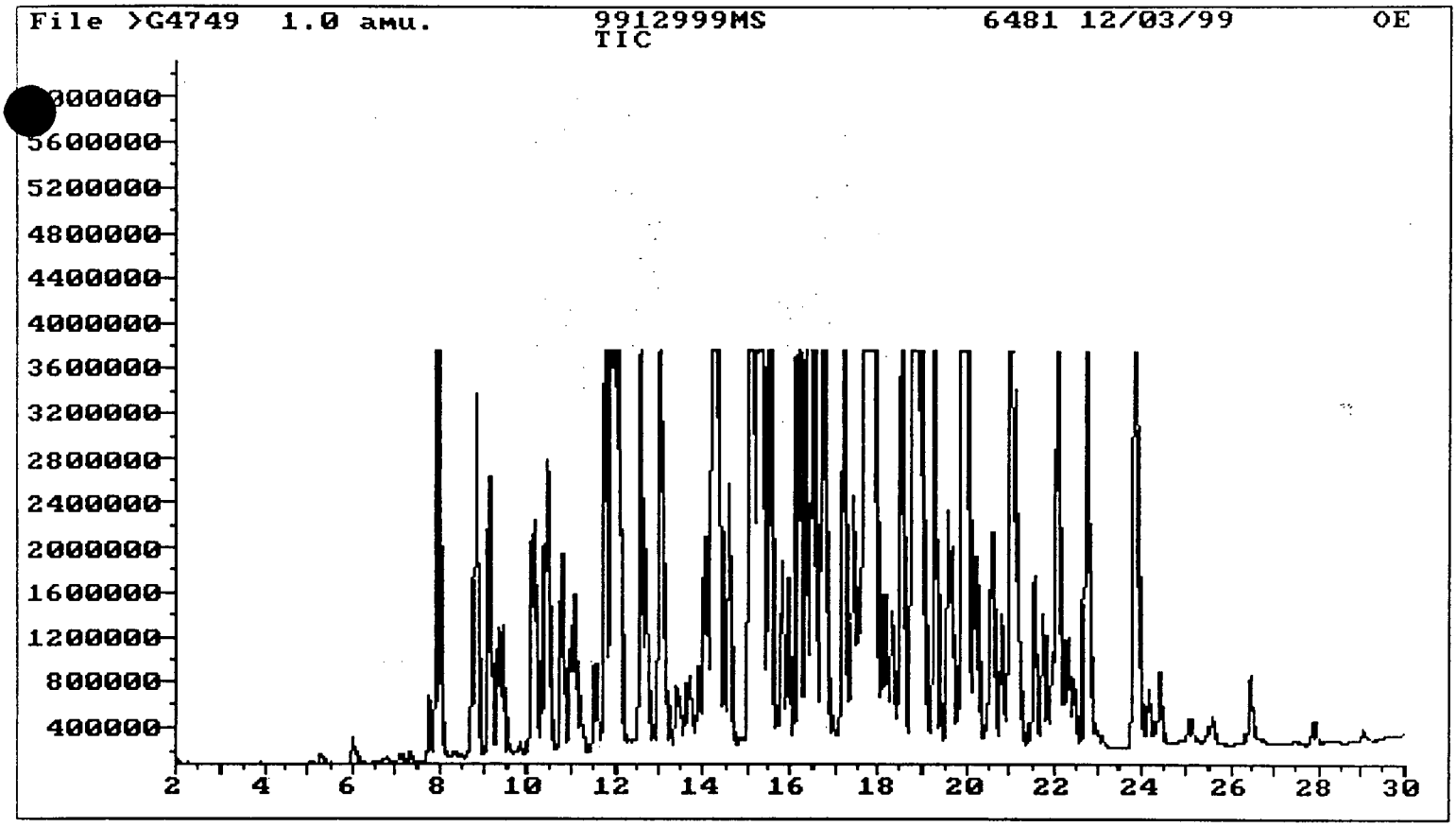
Compound uses ESTD



Data File: >G4749::G4 Quant Output File: ^G4749::QT
Name: 9912999MS Instrument ID: G
Misc: 6481 12/03/99 OE SP-4

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 07:56
Injected at: 991208 05:53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2000000
1600000
1200000
800000
400000
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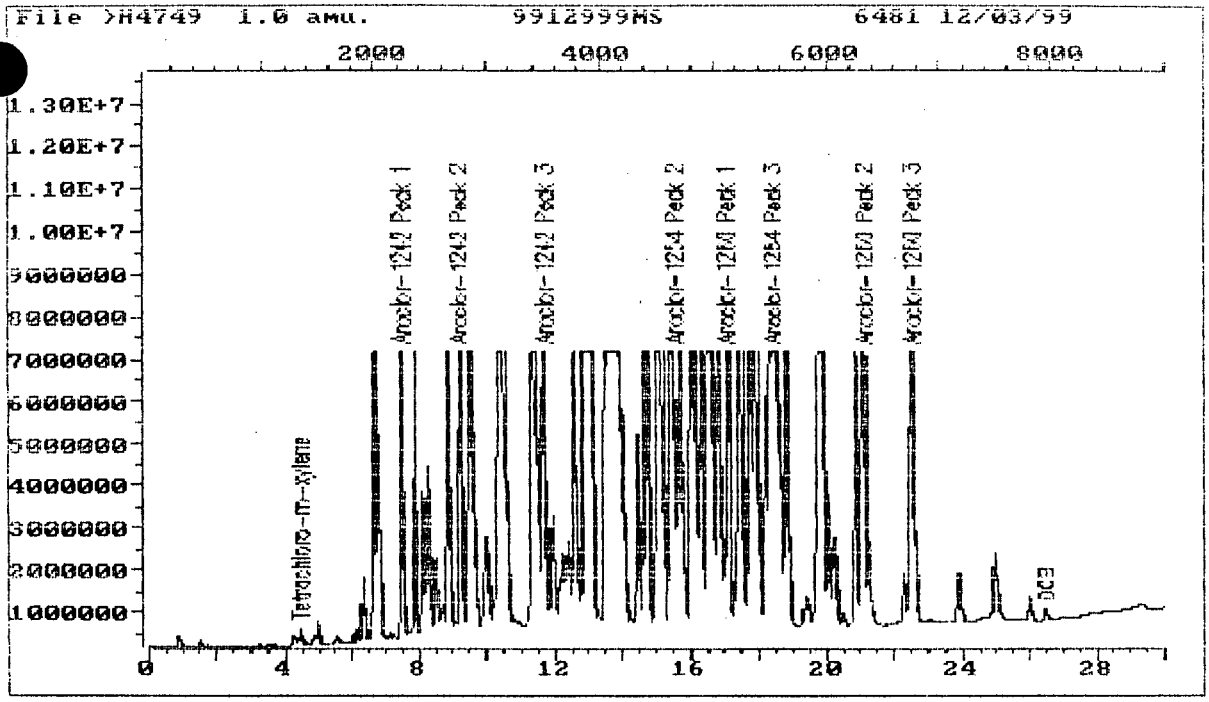
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 09:07
tput File: ^H4749::QT Injected at: 991208 06:30
ata File: >H4749::G4 Dilution Factor: 1.00000
ame: 9912999MS Instrument ID: H
isc: 6481 12/03/99 OE SP-4

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.46	1337	1427732	1.01	ug/L	100
11)	#Aroclor-1242 Peak 1	7.46	2237	42303616M	1144.65	ug/L	100
12)	#Aroclor-1242 Peak 2	9.17	2751	45405504M	543.39	ug/L	100
13)	#Aroclor-1242 Peak 3	11.68	3503	52699912M	2108.41	ug/L	100
18)	#Aroclor-1254 Peak 2	15.53	4659	80117408M	1226.98	ug/L	100
19)	#Aroclor-1254 Peak 3	18.41	5524	.111E+09M	772.99	ug/L	
20)	#Aroclor-1260 Peak 1	17.04	5112	73062560M	573.88	ug/L	100
21)	#Aroclor-1260 Peak 2	21.11	6332	63752952M	190.03	ug/L	100
22)	#Aroclor-1260 Peak 3	22.51	6752	57128968M	261.67	ug/L	100
23)	#DCB	26.48	7943	1911278	1.08	ug/L	100

Compound uses ESTD



Data File: >H4749::G4 Quant Output File: ^H4749::QT
Name: 9912999MS Instrument ID: H
Misc: 6481 12/03/99 OE SP-4

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

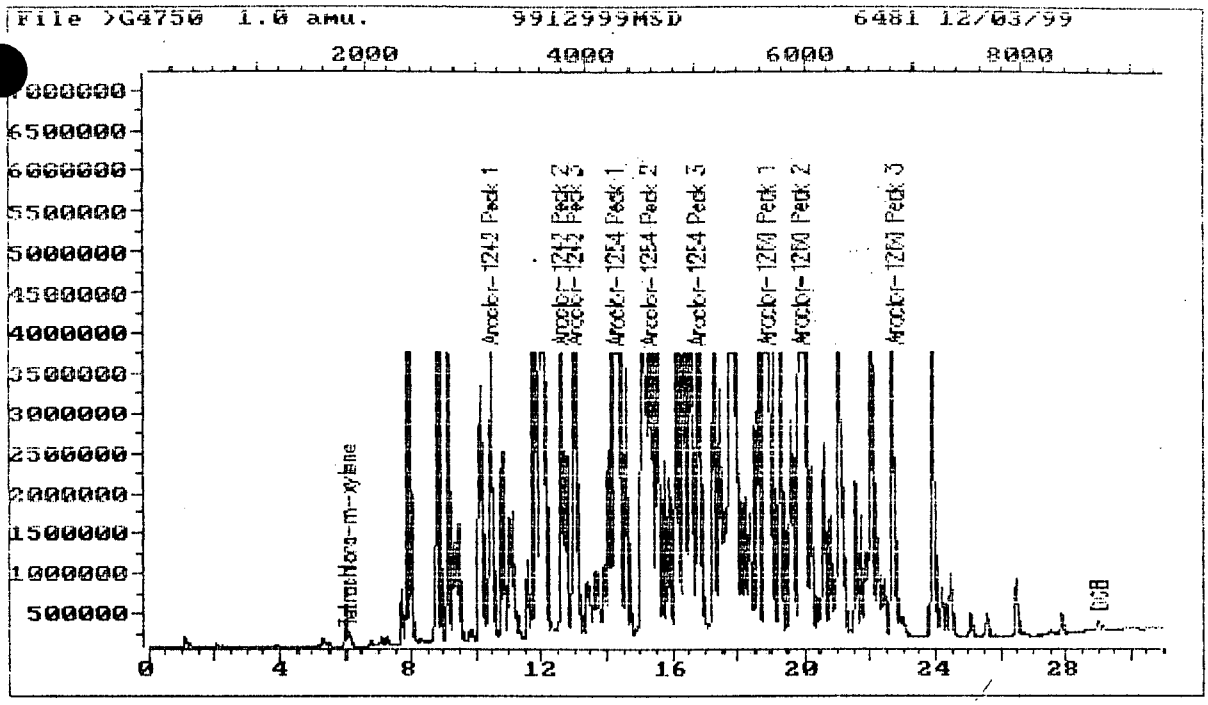
Operator ID: JEFF
Quant Time : 991208 09:07
Injected at: 991208 06:30

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 07:57
put File: ^G4750::QT Injected at: 991208 06:30
ata File: >G4750::G4 Dilution Factor: 1.00000
ame: 9912999MSD Instrument ID: G
isc: 6481 12/03/99 OE SP-4

D File: ID7PCB::G5
itle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.08	1823	479135M	.985	ug/L	
11)	#Aroclor-1242 Peak 1	10.45	3136	25336220	910.96	ug/L	100
12)	#Aroclor-1242 Peak 2	12.55	3765	2391428	310.51	ug/L	100
13)	#Aroclor-1242 Peak 3	13.01	3902	35741008M	3694.24	ug/L	
17)	#Aroclor-1254 Peak 1	14.25	4275	59898848M	5064.62	ug/L	
18)	#Aroclor-1254 Peak 2	15.27	4580	33435456M	2802.89	ug/L	
19)	#Aroclor-1254 Peak 3	16.73	5019	40694288M	4522.27	ug/L	
20)	#Aroclor-1260 Peak 1	18.81	5642	67926064M	1021.74	ug/L	100
21)	#Aroclor-1260 Peak 2	19.87	5960	54260408M	815.63	ug/L	
22)	#Aroclor-1260 Peak 3	22.72	6816	29837964M	271.20	ug/L	100
23)	#DCB	28.99	8697	709818M	1.16	ug/L	100

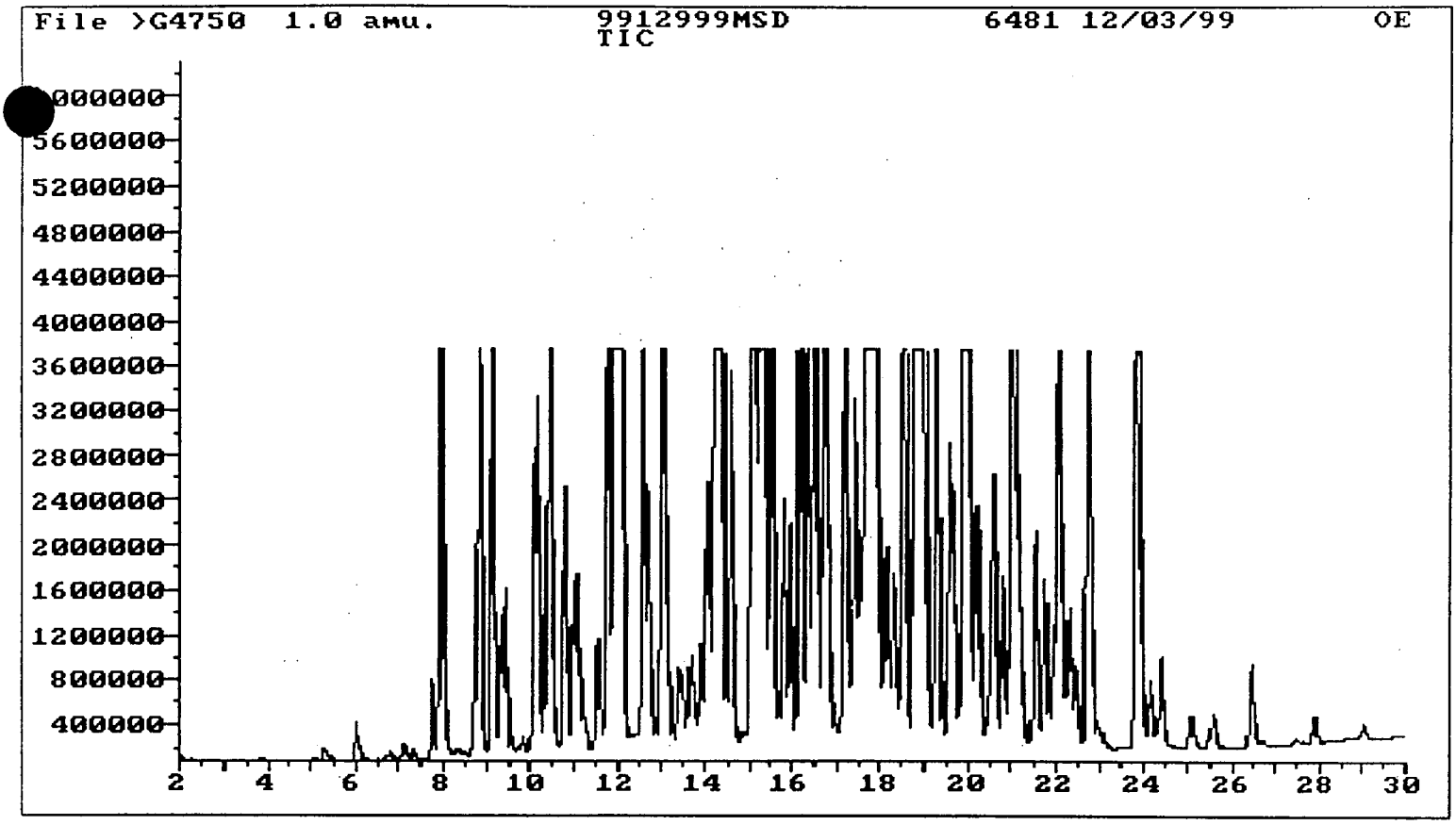
Compound uses ESTD



Data File: >G4750::G4 Quant Output File: ^G4750::QT
Name: 9912999MSD Instrument ID: G
Misc: 6481 12/03/99 OE SP-4

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 07:57
Injected at: 991208 06:30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1600000
1200000
800000
400000
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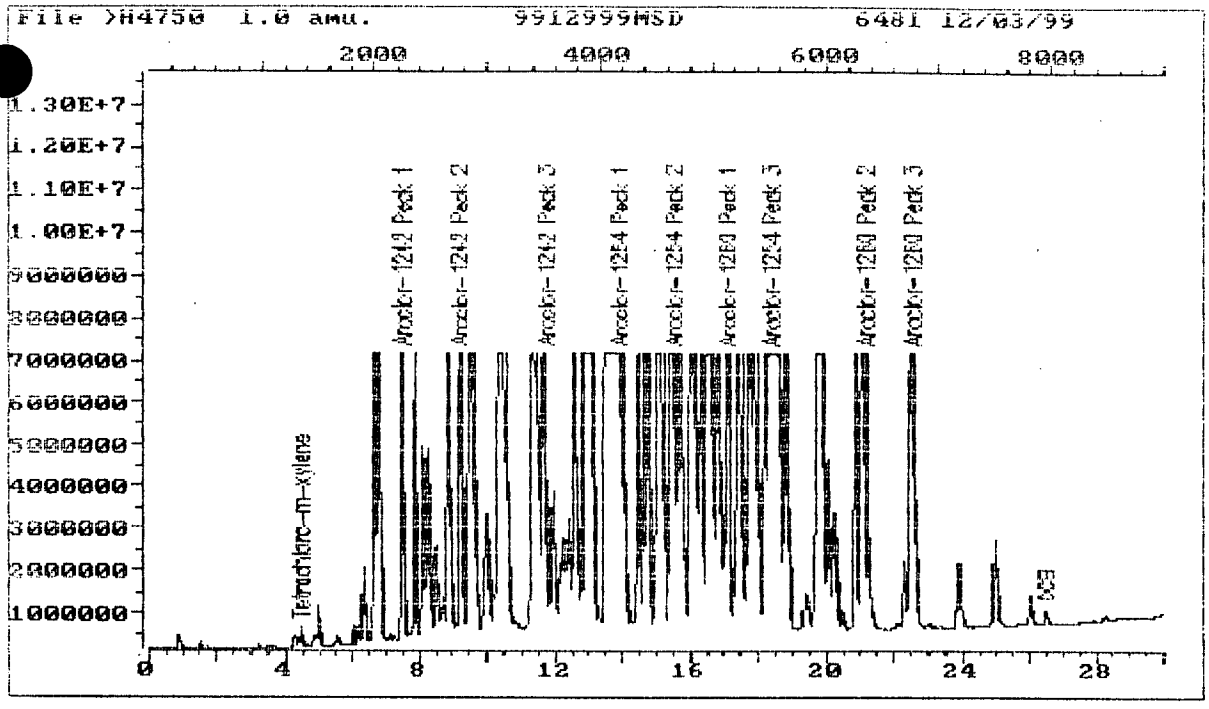
560

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 09:09
Input File: ^H4750::QT Injected at: 991208 07:07
Data File: >H4750::G4 Dilution Factor: 1.00000
Name: 9912999MSD Instrument ID: H
Misc: 6481 12/03/99 OE SP-4

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.46	1337	1648627	1.17	ug/L	100
11)	#Aroclor-1242 Peak 1	7.46	2239	46440296M	1256.58	ug/L	100
12)	#Aroclor-1242 Peak 2	9.18	2753	49628072M	593.92	ug/L	100
13)	#Aroclor-1242 Peak 3	11.72	3516	55118280M	2205.16	ug/L	100
17)	#Aroclor-1254 Peak 1	13.90	4169	.229E+09M	7186.74	ug/L	
18)	#Aroclor-1254 Peak 2	15.50	4650	83394224M	1277.16	ug/L	100
19)	#Aroclor-1254 Peak 3	18.37	5512	.153E+09M	1066.79	ug/L	
20)	#Aroclor-1260 Peak 1	17.09	5127	76366176M	599.82	ug/L	100
21)	#Aroclor-1260 Peak 2	21.14	6341	65894720M	196.41	ug/L	100
22)	#Aroclor-1260 Peak 3	22.52	6755	61986936M	283.92	ug/L	100
23)	#DCB	26.48	7944	2482589	1.41	ug/L	100

Compound uses ESTD



Data File: >H4750::G4 Quant Output File: ^H4750::QT
Name: 9912999MSD Instrument ID: H
Misc: 6481 12/03/99 OE SP-4

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

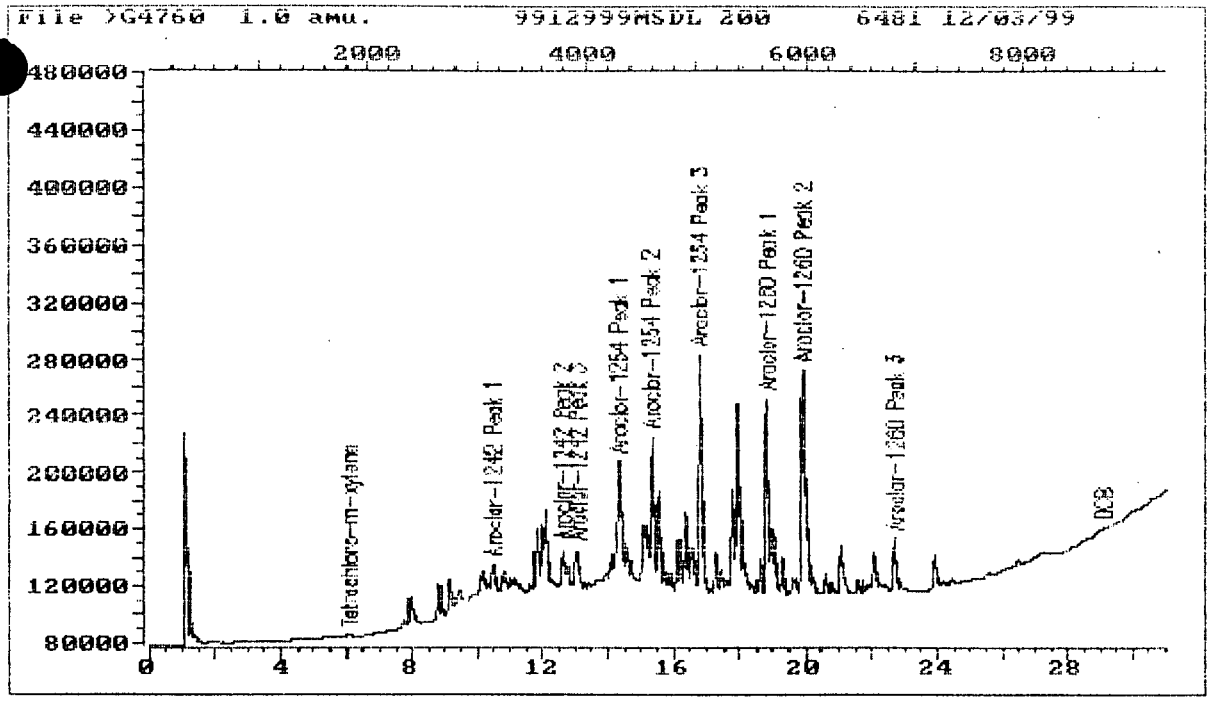
Operator ID: JEFF
Quant Time : 991208 09:09
Injected at: 991208 07:07

ator ID: JEFF Quant Rev: 7 Quant Time: 991208 18:11
utput File: ^G4760::QT Injected at: 991208 17:36
ata File: >G4760::G4 Dilution Factor: 1.00000
ame: 9912999MSDL 200 Instrument ID: G
isc: 6481 12/03/99 OE SP-4

D File: ID7PCB::G5
itle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.08	1824	2133M	.00438	ug/L	
11)	#Aroclor-1242 Peak 1	10.47	3142	142874	5.14	ug/L	100
12)	#Aroclor-1242 Peak 2	12.57	3770	150013M	19.48	ug/L	
13)	#Aroclor-1242 Peak 3	13.03	3908	268267	27.73	ug/L	100
17)	#Aroclor-1254 Peak 1	14.30	4290	746490	63.12	ug/L	100
18)	#Aroclor-1254 Peak 2	15.27	4582	520882	43.67	ug/L	100
19)	#Aroclor-1254 Peak 3	16.76	5029	1097271	121.94	ug/L	100
20)	#Aroclor-1260 Peak 1	18.79	5637	922098	13.87	ug/L	100
21)	#Aroclor-1260 Peak 2	19.89	5968	1192150	17.92	ug/L	100
22)	#Aroclor-1260 Peak 3	22.68	6805	249018	2.26	ug/L	100
23)	#DCB	29.07	8721	3347M	.00549	ug/L	

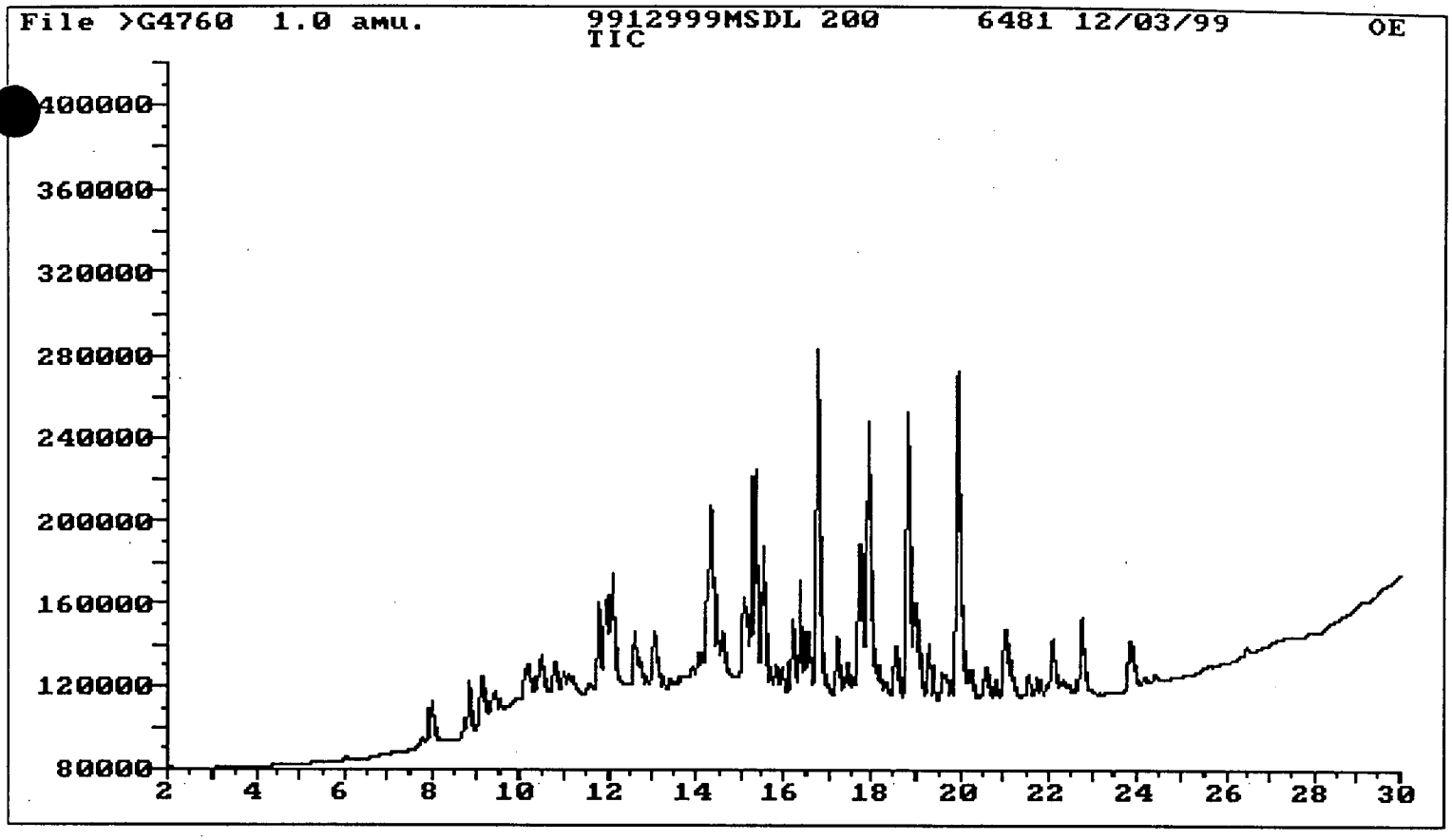
Compound uses ESTD



Data File: >G4760::G4 Quant Output File: ^G4760::QT
Name: 9912999MSDL 200 Instrument ID: G
Misc: 6481 12/03/99 OE SP-4

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 18:11
Injected at: 991208 17:36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9912999MSDL 200 6481 12/03/99 OE
TIC
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280000
240000
200000
160000
120000
80000
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Operator ID: JEFF
Output File: [illegible]760::QT
Data File: [illegible]760::G4
Name: 9912999M[illegible] 200
Misc: 6481 12/[illegible]/99 OE

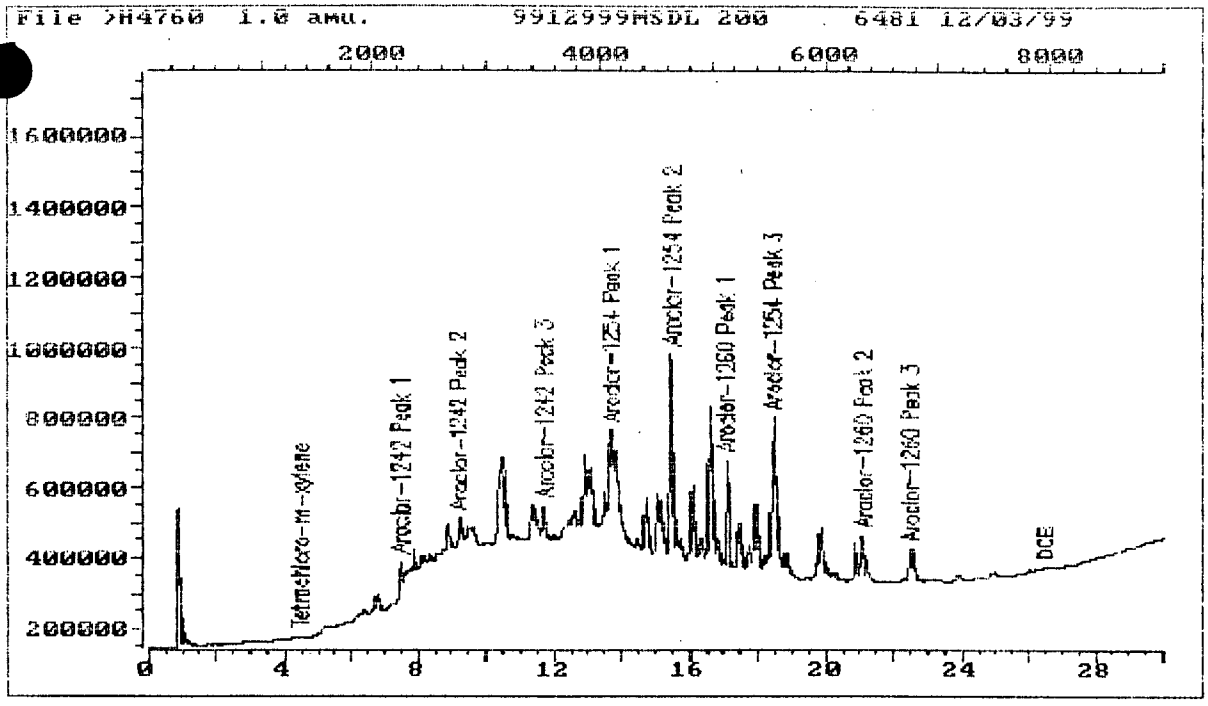
Quant Rev: 7 Quant Time: 991208 18:46
Injected at: 991208 18:13
Dilution Factor: 1.00000
Instrument ID: H
SP-4

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.47	1340	9440M	.00669	ug/L	
11)	#Aroclor-1242 Peak 1	7.44	2232	1171776	31.71	ug/L	100
12)	#Aroclor-1242 Peak 2	9.18	2753	610307	7.30	ug/L	100
13)	#Aroclor-1242 Peak 3	11.69	3507	662433	26.50	ug/L	100
17)	#Aroclor-1254 Peak 1	13.67	4101	1059948	33.27	ug/L	100
18)	#Aroclor-1254 Peak 2	15.46	4639	3527359	54.02	ug/L	100
19)	#Aroclor-1254 Peak 3	18.44	5532	3716138	25.88	ug/L	100
20)	#Aroclor-1260 Peak 1	17.06	5117	1899167	14.92	ug/L	100
21)	#Aroclor-1260 Peak 2	21.08	6323	1187514	3.54	ug/L	100
22)	#Aroclor-1260 Peak 3	22.47	6741	630678	2.89	ug/L	100
23)	#DCB	26.49	7946	9484M	.00538	ug/L	

Compound uses ESTD

566



Data File: >H4760::G4 Quant Output File: ^H4760::QT
Name: 9912999MSDL 200 Instrument ID: H
Misc: 6481 12/03/99 OE SP-4

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

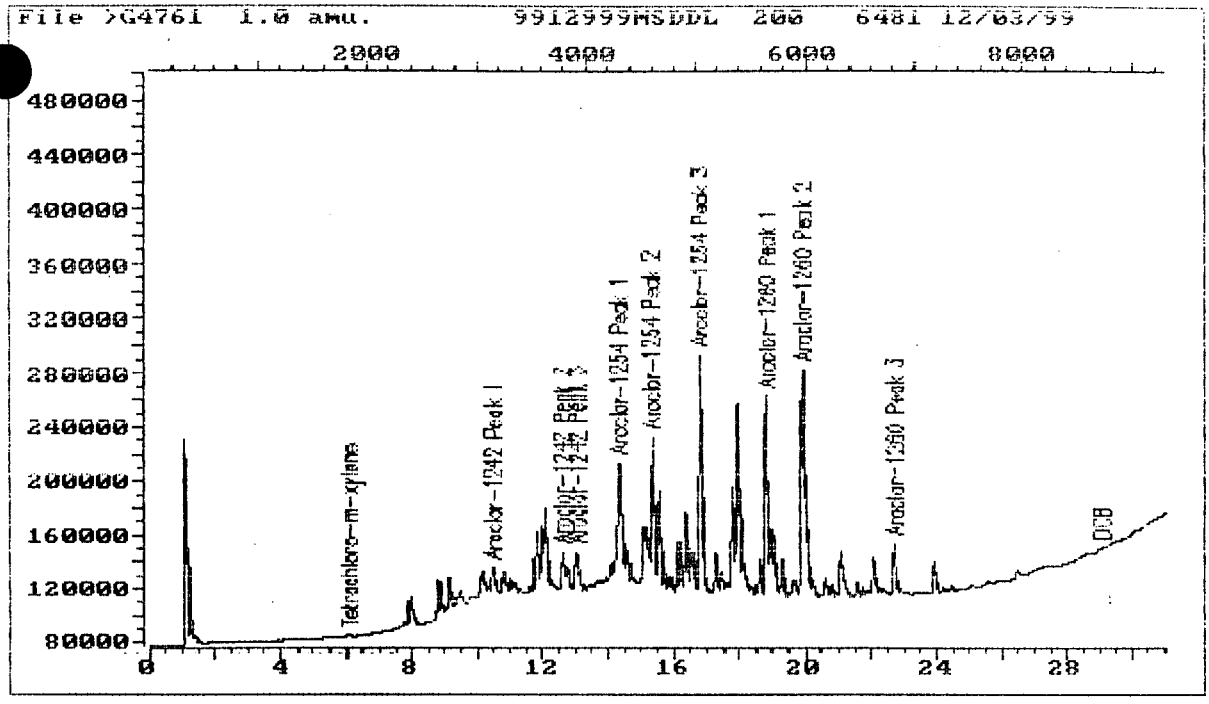
Operator ID: JEFF
Quant Time : 991208 18:46
Injected at: 991208 18:13

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 18:49
Output File: ^G4761::QT Injected at: 991208 18:13
Data File: >G4761::G4 Dilution Factor: 1.00000
Name: 9912999MSDDL 200 Instrument ID: G
Misc: 6481 12/03/99 OE SP-4

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.08	1825	2325M	.00478	ug/L	
11)	#Aroclor-1242 Peak 1	10.48	3143	149245	5.37	ug/L	100
12)	#Aroclor-1242 Peak 2	12.57	3771	155570	20.20	ug/L	100
13)	#Aroclor-1242 Peak 3	13.03	3908	255952M	26.46	ug/L	
17)	#Aroclor-1254 Peak 1	14.30	4291	794221	67.15	ug/L	100
18)	#Aroclor-1254 Peak 2	15.28	4583	553071	46.36	ug/L	100
19)	#Aroclor-1254 Peak 3	16.77	5030	1165738	129.55	ug/L	100
20)	#Aroclor-1260 Peak 1	18.79	5638	985689	14.83	ug/L	100
21)	#Aroclor-1260 Peak 2	19.90	5969	1278470	19.22	ug/L	100
22)	#Aroclor-1260 Peak 3	22.69	6806	267469	2.43	ug/L	100
23)	#DCB	29.03	8710	1649M	.00271	ug/L	

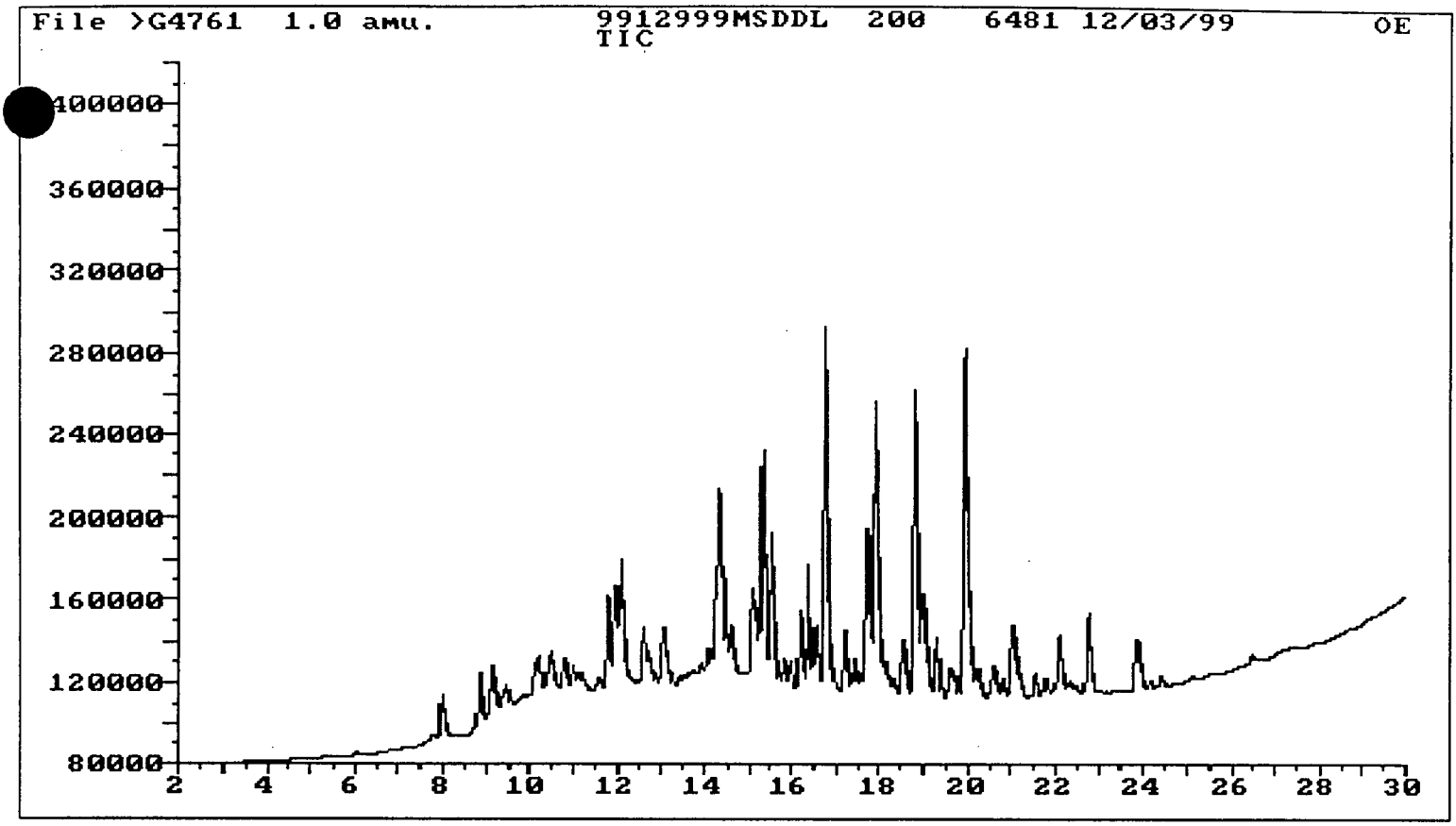
#Compound uses ESTD



Data File: >G4761::G4 Quant Output File: ^G4761::QT
Name: 9912999MSDDL 200 Instrument ID: G
Misc: 6481 12/03/99 OE SP-4

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 18:49
Injected at: 991208 18:13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9912999MSDDL 200 6481 12/03/99 OE
TIC
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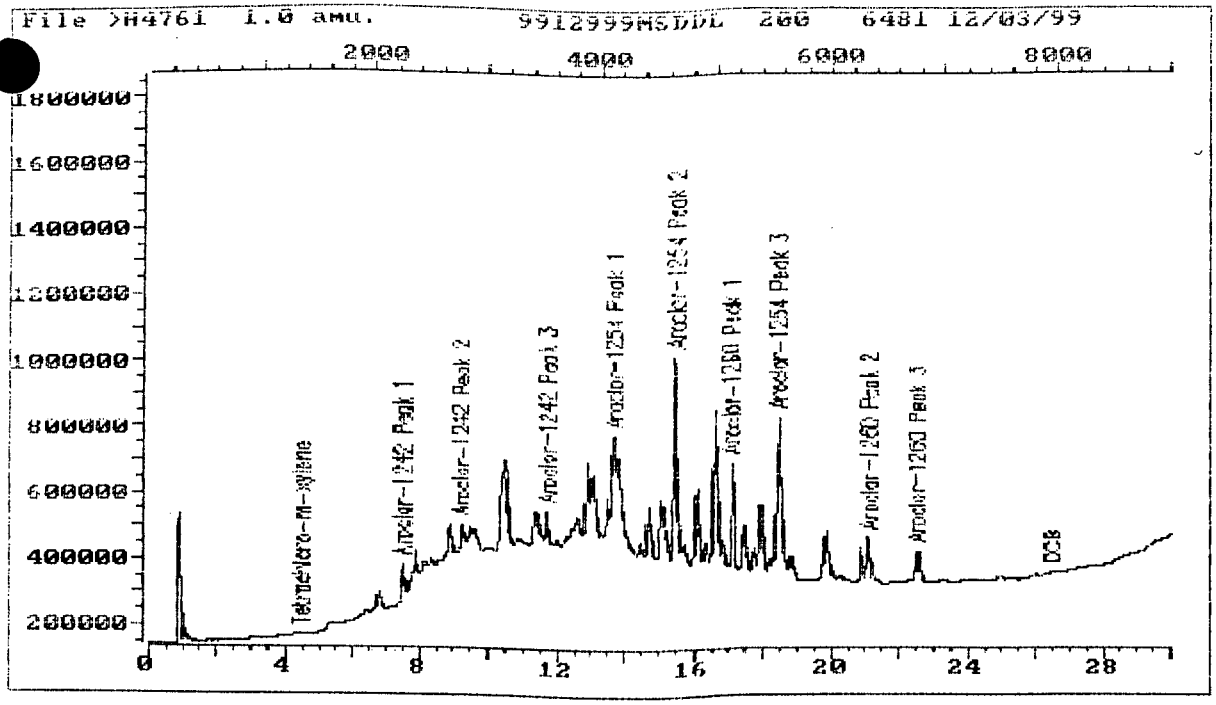
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 19:25
put File: ^H4761::QT Injected at: 991208 18:51
ata File: >H4761::G4 Dilution Factor: 1.00000
ame: 9912999MSDDL 200 Instrument ID: H
isc: 6481 12/03/99 OE SP-4

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.46	1339	8320M	.00590	ug/L	
11)	#Aroclor-1242 Peak 1	7.44	2232	995803	26.94	ug/L	100
12)	#Aroclor-1242 Peak 2	9.18	2753	513605	6.15	ug/L	100
13)	#Aroclor-1242 Peak 3	11.69	3507	621091	24.85	ug/L	100
17)	#Aroclor-1254 Peak 1	13.67	4102	1054505	33.10	ug/L	100
18)	#Aroclor-1254 Peak 2	15.46	4639	3763788	57.64	ug/L	100
19)	#Aroclor-1254 Peak 3	18.44	5532	3971630	27.66	ug/L	100
20)	#Aroclor-1260 Peak 1	17.06	5117	2033732	15.97	ug/L	100
21)	#Aroclor-1260 Peak 2	21.08	6323	1260901	3.76	ug/L	100
22)	#Aroclor-1260 Peak 3	22.47	6742	689074	3.16	ug/L	100
23)	#DCB	26.49	7947	6406M	.00363	ug/L	

Compound uses ESTD



Data File: >H4761::G4 Quant Output File: ^H4761::QT
Name: 9912999MSDDL 200 Instrument ID: H
Misc: 6481 12/03/99 OE SP-4

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

Operator ID: JEFF
Quant Time : 991208 19:25
Injected at: 991208 18:51

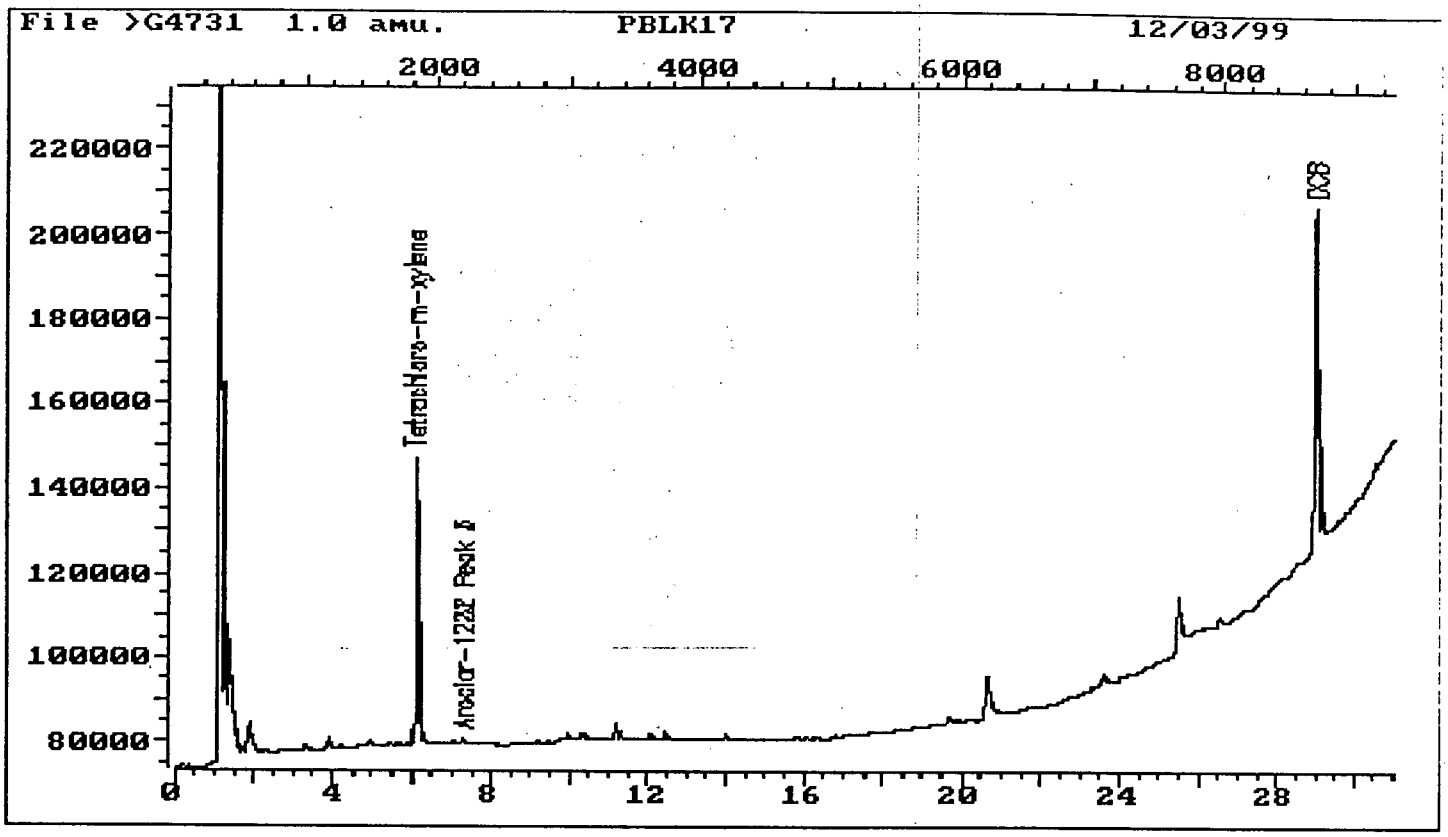
Operator ID: JEFF Quant Rev: 7 Quant Time: 991208 07:36
Output File: ^G4731::QT Injected at: 991207 18:47
Data File: >G4731::G4 Dilution Factor: 1.00000
Name: PBLK17 Instrument ID: G
Misc: 12/03/99

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	6.07	1822	299778	.616	ug/L	100
~~7) #Aroclor-1221 Peak 3~~	7.30	2189	4513	.639	ug/L	100
~~8) #Aroclor-1232 Peak 1~~	7.30	2189	4513	.639	ug/L	100
23) #DCB	28.97	8692	540402M	.887	ug/L	100

Compound uses ESTD

JH 12/8/99



Data File: >G4731::G4 Quant Output File: ^G4731::QT
Name: PBLK17 Instrument ID: G
Misc: 12/03/99

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 07:36
Injected at: 991207 18:47

Operator ID: JEFF
Output File: ^H4731::QT
Data File: >H4731::G4
Name: PBLK17
Misc: 12/03/99

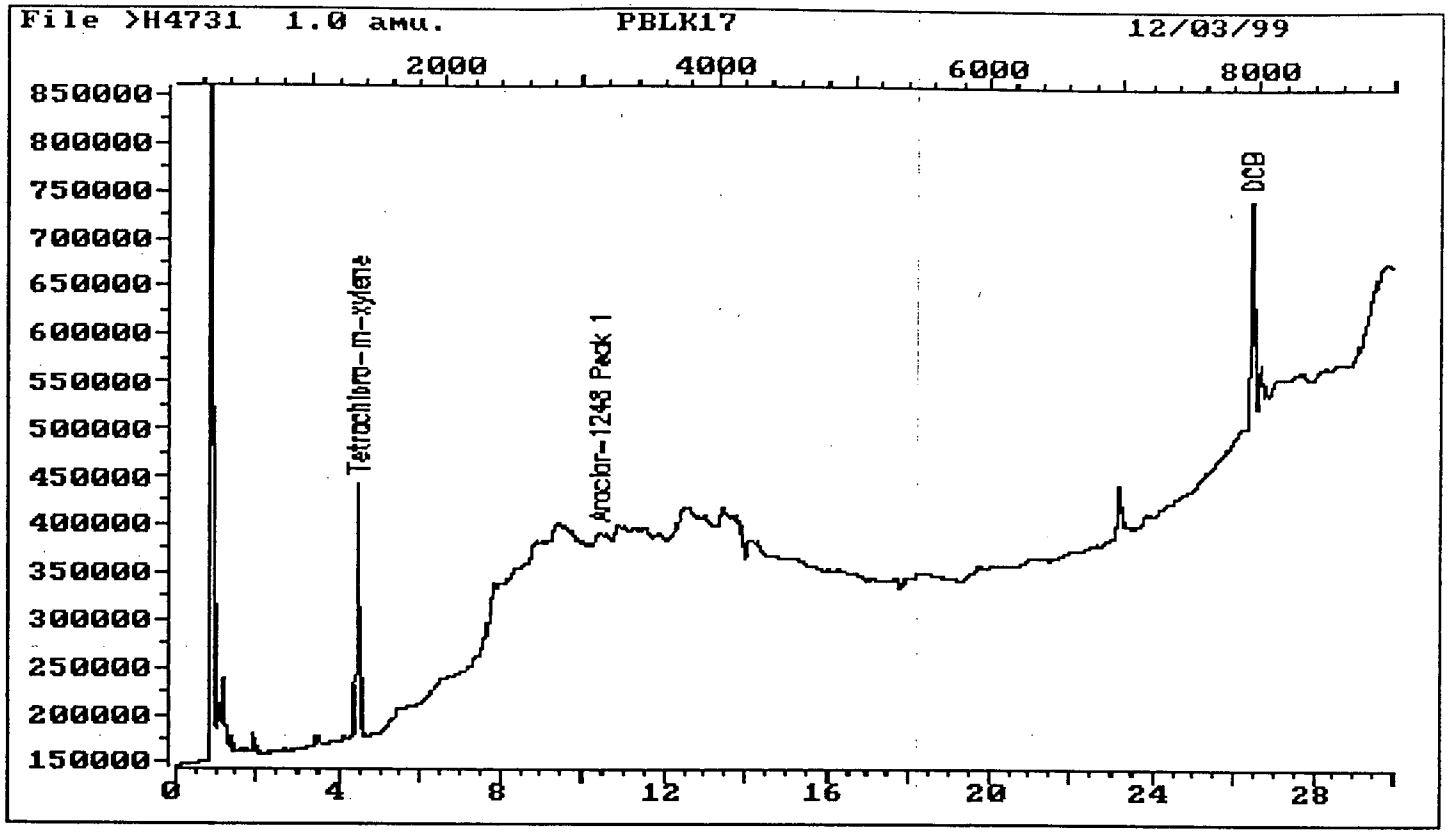
Quant Rev: 7 Quant Time: 991208 08:32
Injected at: 991207 19:24
Dilution Factor: 1.00000
Instrument ID: H

ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	4.45	1335	1040953	.738	ug/L	100
~~14) #Aroclor-1248 Peak 1~~	10.41	3123	10945	.224	ug/L	100
23) #DCB	26.47	7940	1507995	.855	ug/L	100

Compound uses ESTD

JF 12/P/99



Data File: >H4731::G4 Quant Output File: ^H4731::QT
Name: PBLK17 Instrument ID: H
Misc: 12/03/99

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

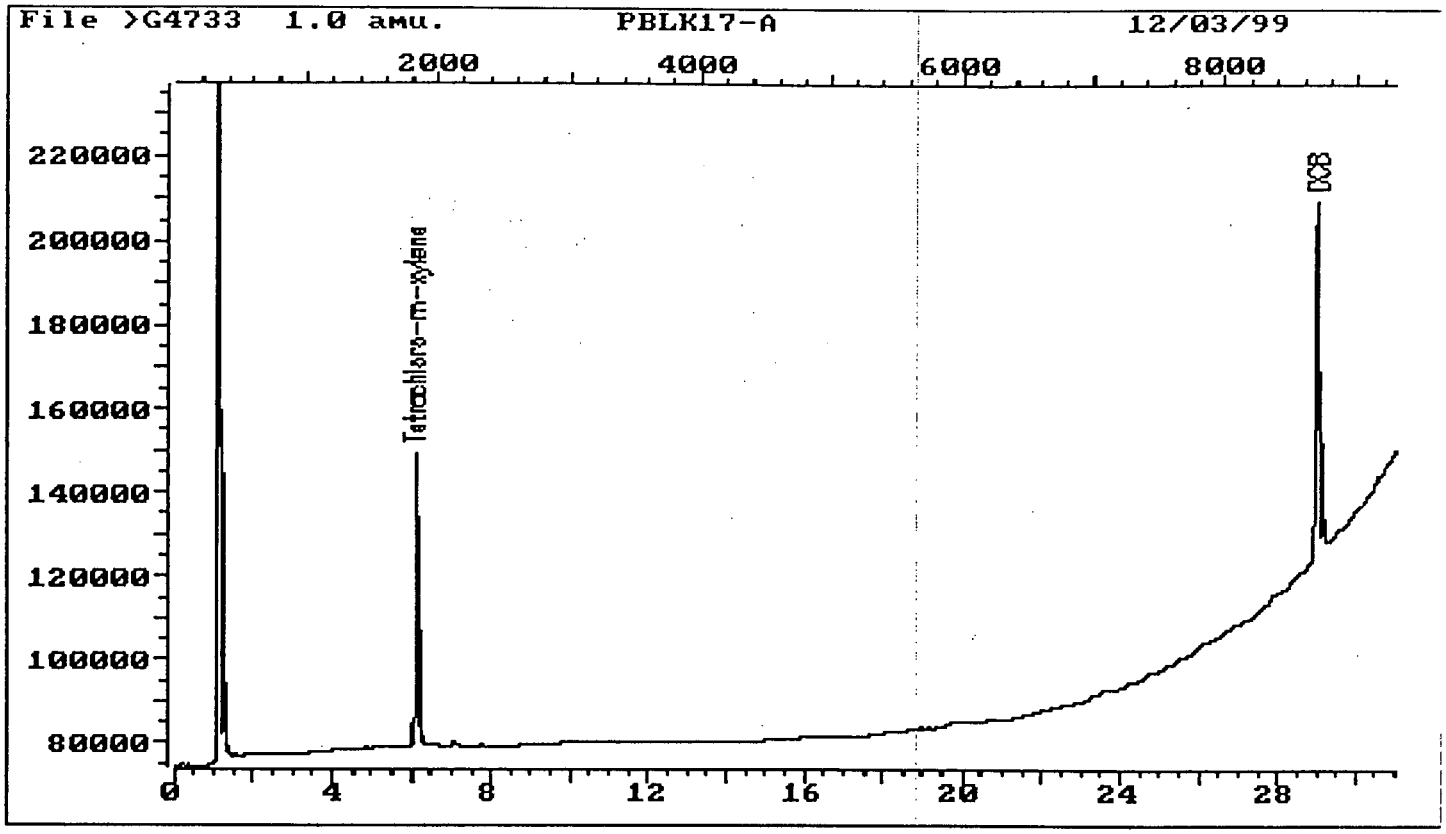
Operator ID: JEFF
Quant Time : 991208 08:32
Injected at: 991207 19:24

Operator ID: JEFF Quant Rev: 7 Quant Time: 991208 07:41
Output File: ^G4733::QT Injected at: 991207 20:01
Data File: >G4733::G4 Dilution Factor: 1.00000
Name: PBLK17-A Instrument ID: G
Misc: 12/03/99

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.07	1821	309929	.637	ug/L	100
23)	#DCB	28.98	8694	532602	.874	ug/L	100

Compound uses ESTD



Data File: >G4733::G4 Quant Output File: ^G4733::QT
Name: PBLK17-A Instrument ID: G
Misc: 12/03/99

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 07:41
Injected at: 991207 20:01

Operator ID: JEFF
Output File: ^H4733::QT
Data File: >H4733::G4
Name: PBLK17-A
Misc: 12/03/99

Quant Rev: 7 Quant Time: 991208 08:36
Injected at: 991207 20:38
Dilution Factor: 1.00000
Instrument ID: H

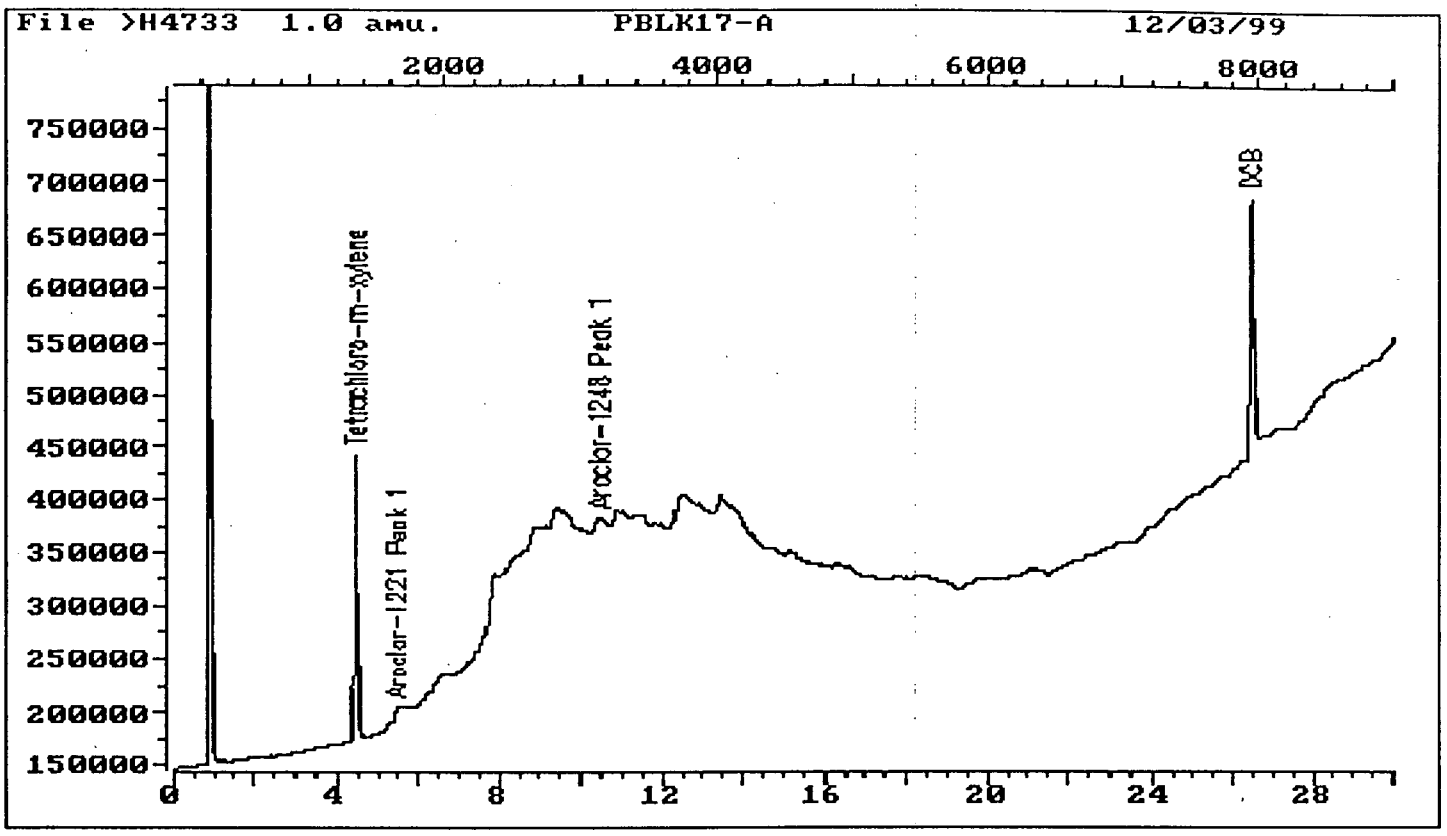
ID File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	4.45	1336	1132303	.803	ug/L	100
~~5) #Aroclor-1221 Peak 1~~	5.45	1635	324002	88.05	ug/L	100
~~14) #Aroclor-1248 Peak 1~~	10.43	3130	126910	2.60	ug/L	100
23) #DCB	26.47	7941	1636457	.928	ug/L	100

Compound uses ESTD

JH 12/9/99

579



Data File: >H4733::G4 Quant Output File: ^H4733::QT
Name: PBLK17-A Instrument ID: H
Misc: 12/03/99

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

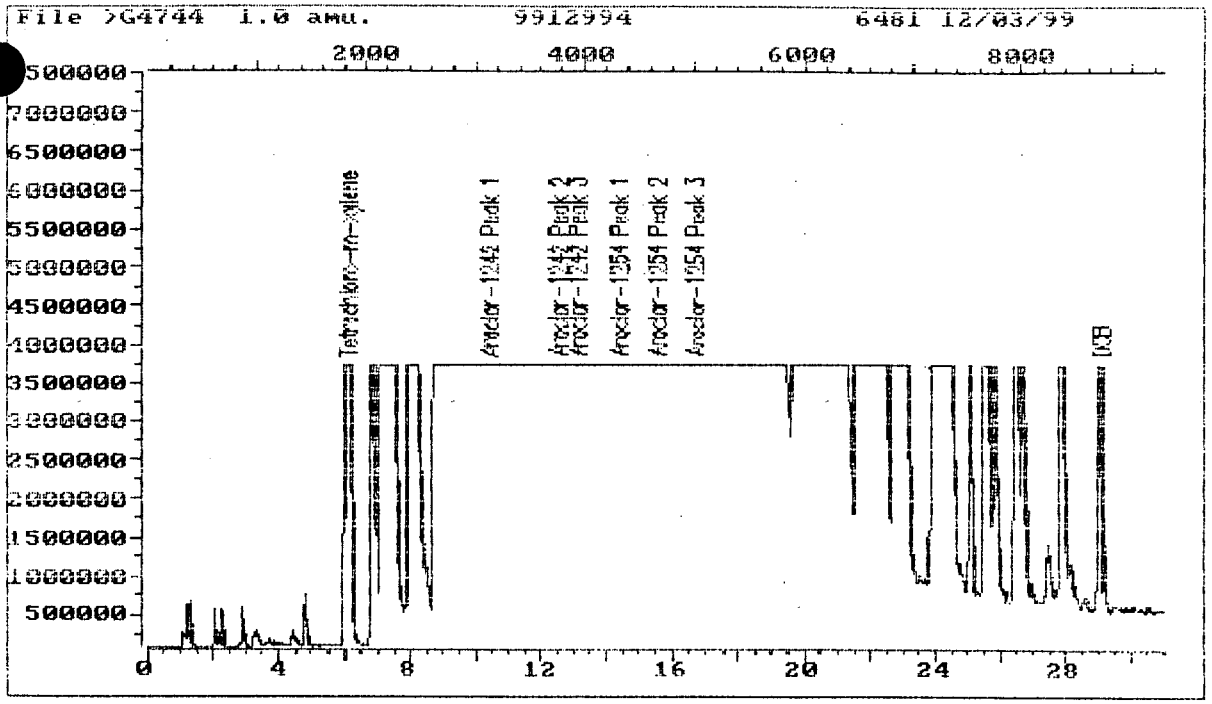
Operator ID: JEFF
Quant Time : 991208 08:36
Injected at: 991207 20:38

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 07:51
utput File: ^G4744::QT Injected at: 991208 02:48
ata File: >G4744::G4 Dilution Factor: 1.00000
ame: 9912994 Instrument ID: G
isc: 6481 12/03/99 OE DCOMP-1

D File: ID7PCB::G5
itle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.12	1836	58262880M	119.77	ug/L	
11)	#Aroclor-1242 Peak 1	10.42	3126	58812056M	2114.57	ug/L	100
12)	#Aroclor-1242 Peak 2	12.52	3756	74179424M	9631.64	ug/L	
13)	#Aroclor-1242 Peak 3	13.10	3930	61095680M	6314.93	ug/L	
17)	#Aroclor-1254 Peak 1	14.37	4312	16001402M	1352.96	ug/L	
18)	#Aroclor-1254 Peak 2	15.51	4654	19315940M	1619.25	ug/L	
19)	#Aroclor-1254 Peak 3	16.68	5003	39451872M	4384.20	ug/L	
23)	#DCB	29.04	8713	26089400M	42.82	ug/L	100

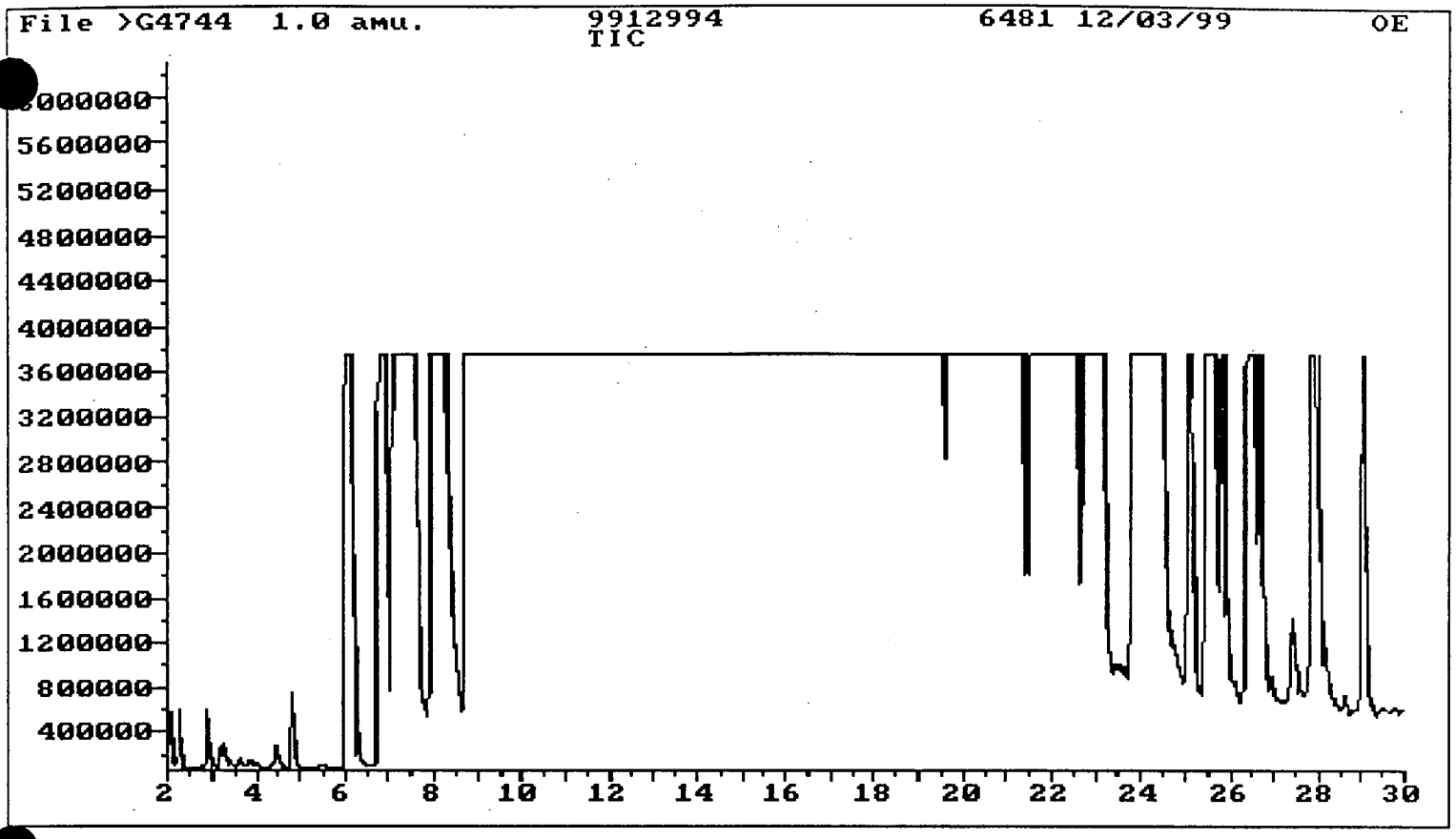
Compound uses ESTD



Data File: >G4744::G4 Quant Output File: ^G4744::QT
Name: 9912994 Instrument ID: G
Misc: 6481 12/03/99 OE DCOMP-1

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 07:51
Injected at: 991208 02:48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9912994
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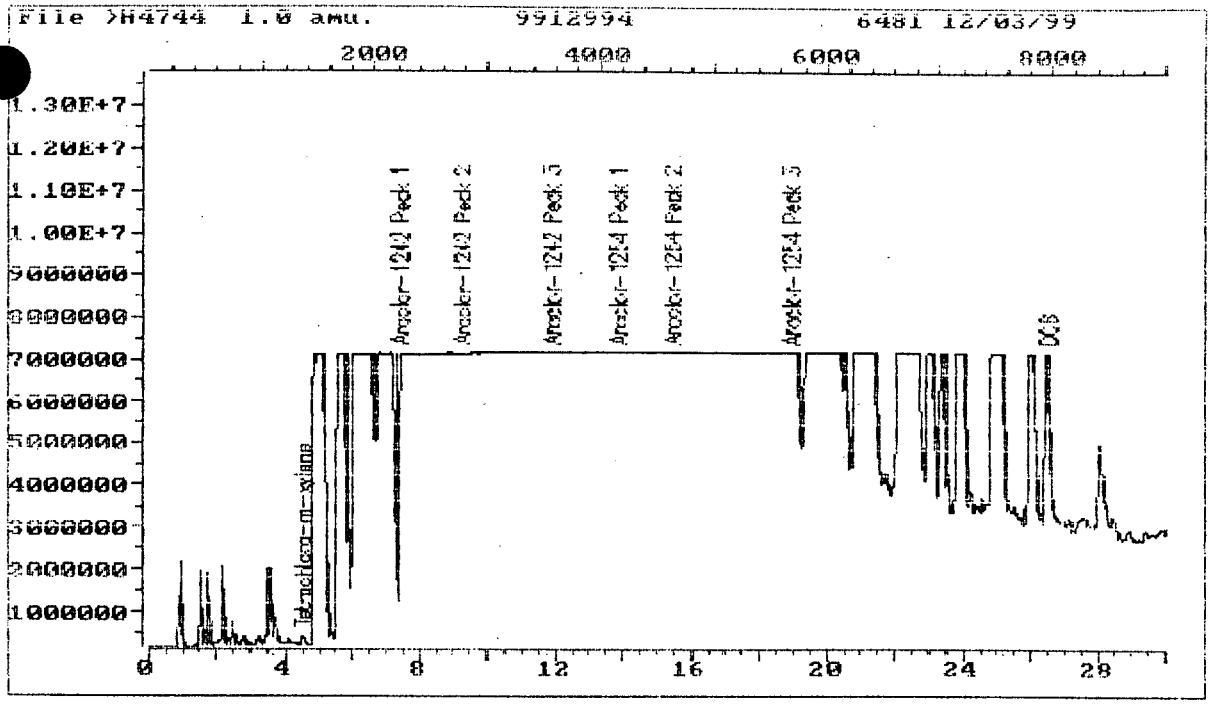
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 08:58
utput File: ^H4744::QT Injected at: 991208 03:25
ata File: >H4744::G4 Dilution Factor: 1.00000
ame: 9912994 Instrument ID: H
isc: 6481 12/03/99 OE DCOMP-1

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.50	1350	1364327	.967	ug/L	100
11)	#Aroclor-1242 Peak 1	7.41	2222	.146E+09M	3945.28	ug/L	100
12)	#Aroclor-1242 Peak 2	9.23	2770	.168E+09M	2008.76	ug/L	
13)	#Aroclor-1242 Peak 3	11.88	3565	99826880M	3993.85	ug/L	
17)	#Aroclor-1254 Peak 1	13.86	4157	60461592M	1898.03	ug/L	
18)	#Aroclor-1254 Peak 2	15.43	4629	.154E+09M	2365.83	ug/L	
19)	#Aroclor-1254 Peak 3	18.95	5685	.190E+09M	1323.23	ug/L	
23)	#DCB	26.52	7957	50972288M	28.89	ug/L	100

Compound uses ESTD

584



Data File: >H4744::G4 Quant Output File: ^H4744::QT
Name: 9912994 Instrument ID: H
Misc: 6481 12/03/99 OE DCOMP-1

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

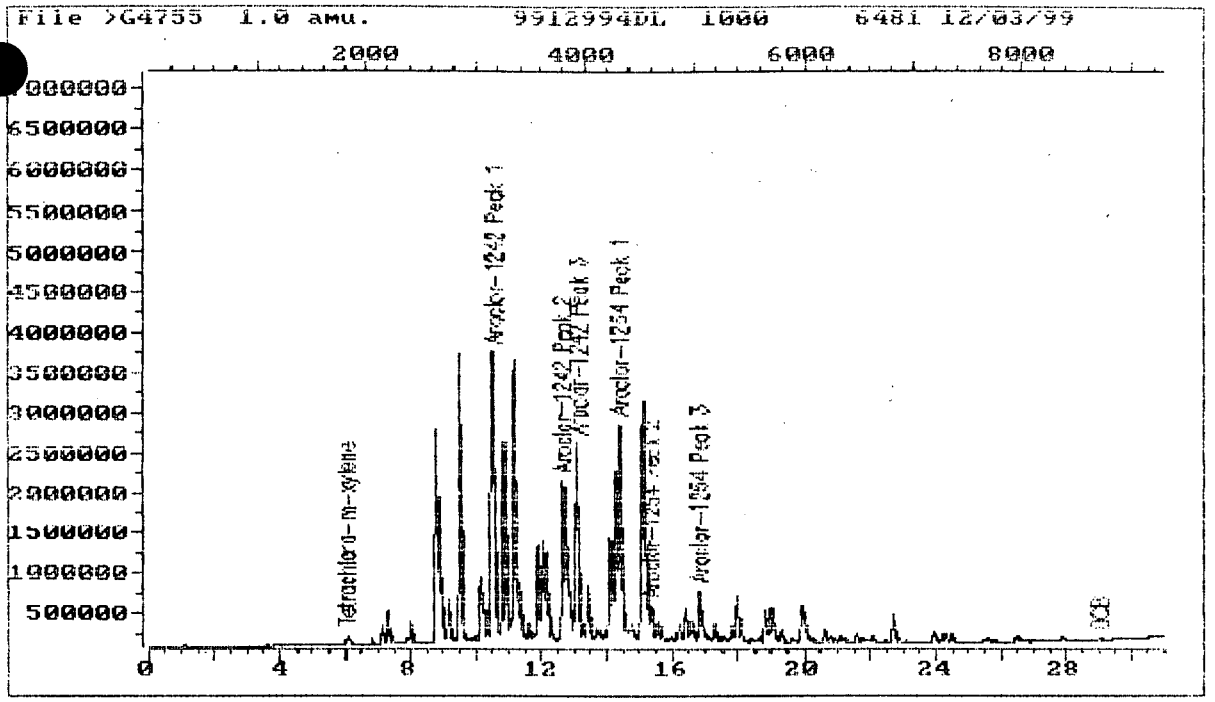
Operator ID: JEFF
Quant Time : 991208 08:58
Injected at: 991208 03:25

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 12:20
put File: ^G4755::QT Injected at: 991208 11:46
ata File: >G4755::G4 Dilution Factor: 1.00000
ame: 9912994DL 1000 Instrument ID: G
isc: 6481 12/03/99 OE DCOMP-1

D File: ID7PCB::G5
itle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.05	1814	494373	1.02	ug/L	100
11)	#Aroclor-1242 Peak 1	10.55	3164	35292584M	1268.94	ug/L	100
12)	#Aroclor-1242 Peak 2	12.61	3782	10587668	1374.73	ug/L	100
13)	#Aroclor-1242 Peak 3	13.09	3928	16115056	1665.67	ug/L	100
17)	#Aroclor-1254 Peak 1	14.37	4312	14785996	1250.20	ug/L	100
18)	#Aroclor-1254 Peak 2	15.31	4593	2092275	175.40	ug/L	100
19)	#Aroclor-1254 Peak 3	16.80	5039	3588318	398.76	ug/L	100
23)	#DCB	29.01	8702	46792M	.0768	ug/L	100

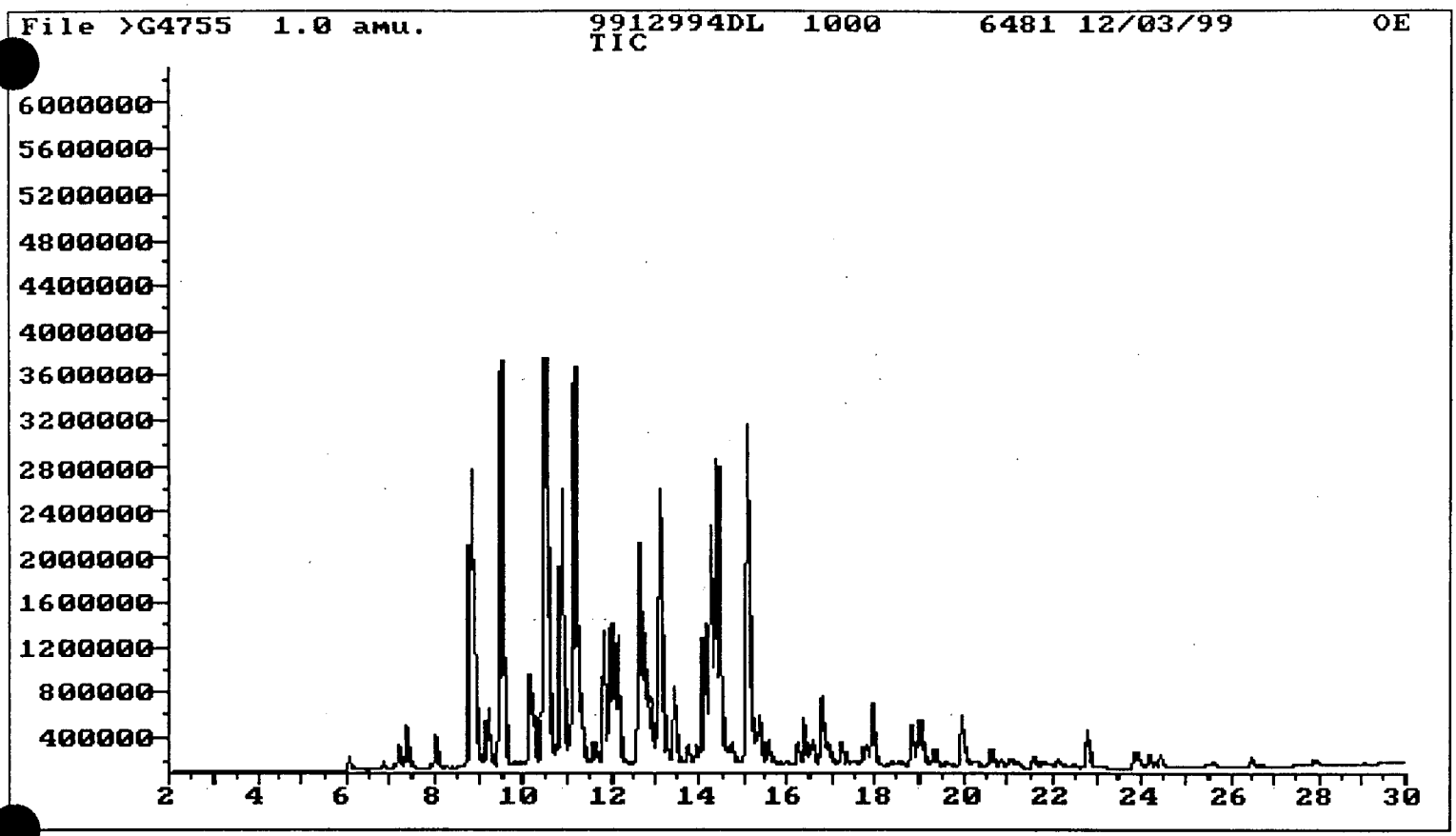
Compound uses ESTD



Data File: >G4755::G4 Quant Output File: ^G4755::QT
Name: 9912994DL 1000 Instrument ID: G
Misc: 6481 12/03/99 OE DCOMP-1

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 12:20
Injected at: 991208 11:46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9912994DL 1000
TIC
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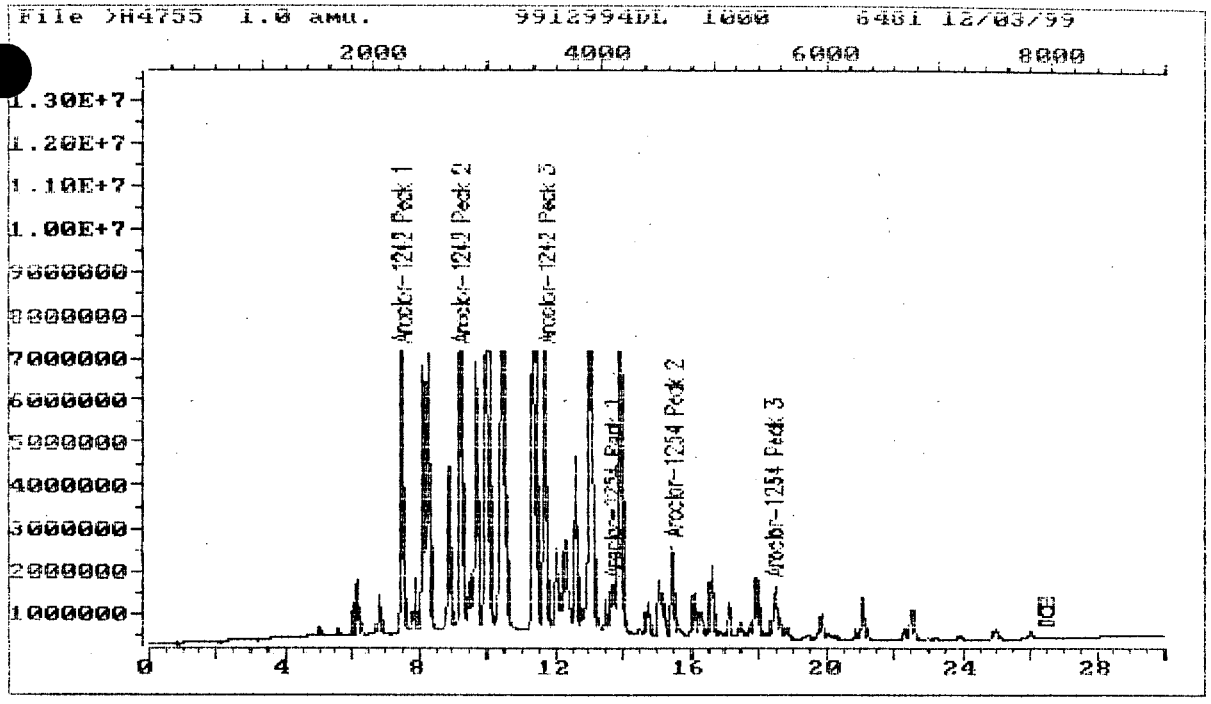
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 15:40
utput File: ^H4755::QT Injected at: 991208 15:07
ata File: >H4755::G4 Dilution Factor: 1.00000
ame: 9912994DL 1000 Instrument ID: H
isc: 6481 12/03/99 OE DCOMP-1

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
11)	#Aroclor-1242 Peak 1	7.46	2237	43172632M	1168.16	ug/L	100
12)	#Aroclor-1242 Peak 2	9.20	2759	62319760M	745.81	ug/L	100
13)	#Aroclor-1242 Peak 3	11.72	3516	48268568M	1931.12	ug/L	100
17)	#Aroclor-1254 Peak 1	13.67	4101	5177086	162.52	ug/L	100
18)	#Aroclor-1254 Peak 2	15.46	4637	12940850	198.19	ug/L	100
19)	#Aroclor-1254 Peak 3	18.44	5531	7982384	55.59	ug/L	100
23)	#DCB	26.48	7944	223690	.127	ug/L	100

Compound uses ESTD



Data File: >H4755::G4 Quant Output File: ^H4755::QT
Name: 9912994DL 1000 Instrument ID: H
Misc: 6481 12/03/99 OE DCOMP-1

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

Operator ID: JEFF
Quant Time : 991208 15:40
Injected at: 991208 15:07

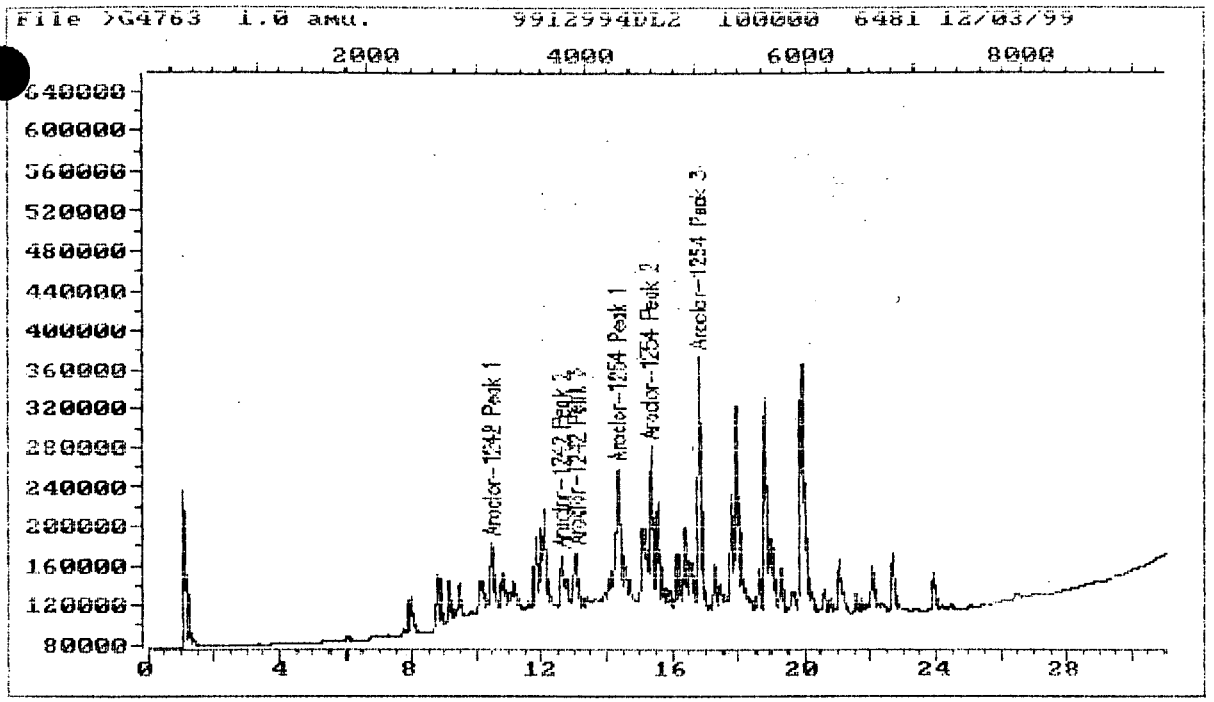
590

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 20:02
Output File: ^G4763::QT Injected at: 991208 19:28
Data File: >G4763::G4 Dilution Factor: 1.00000
Name: 9912994DL2 100000 Instrument ID: G
Misc: 6481 12/03/99 OE DCOMP-1

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Compound	R.T.	Scan#	Area	Conc	Units	q
11) #Aroclor-1242 Peak 1	10.47	3142	508297	18.28	ug/L	100
12) #Aroclor-1242 Peak 2	12.57	3770	286685	37.22	ug/L	100
13) #Aroclor-1242 Peak 3	13.04	3911	506792	52.38	ug/L	100
17) #Aroclor-1254 Peak 1	14.31	4292	1140771M	96.46	ug/L	
18) #Aroclor-1254 Peak 2	15.27	4582	795189	66.66	ug/L	100
19) #Aroclor-1254 Peak 3	16.76	5029	1669477	185.53	ug/L	100

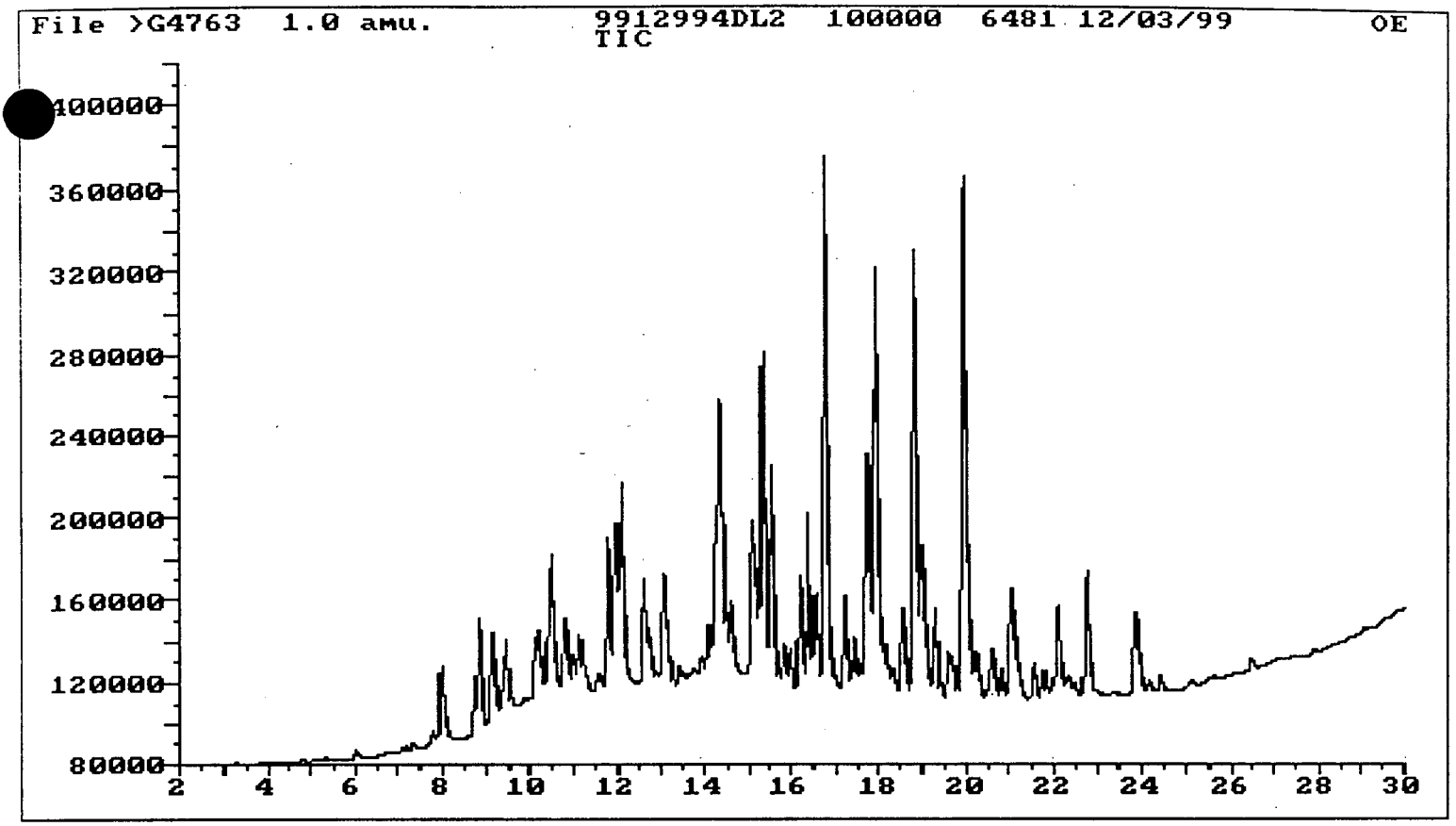
Compound uses ESTD



Data File: >G4763::G4 Quant Output File: ^G4763::QT
Name: 9912994DL2 100000 Instrument ID: G
Misc: 6481 12/03/99 OE DCOMP-1

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 20:02
Injected at: 991208 19:28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9912994DL2 100000 6481 12/03/99
TIC
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160000
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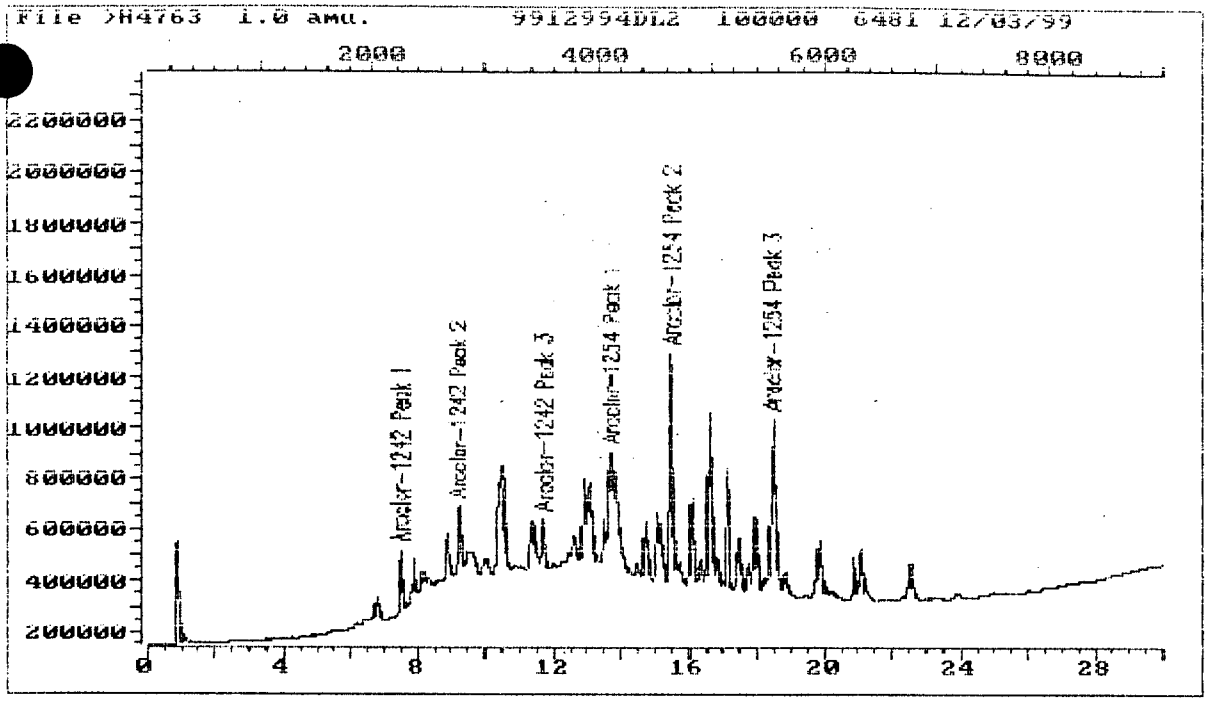
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 20:39
eput File: ^H4763::QT Injected at: 991208 20:05
ata File: >H4763::G4 Dilution Factor: 1.00000
ame: 9912994DL2 100000 Instrument ID: H
isc: 6481 12/03/99 OE DCOMP-1

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
11)	#Aroclor-1242 Peak 1	7.44	2231	1687704	45.67	ug/L	100
12)	#Aroclor-1242 Peak 2	9.17	2752	1734012	20.75	ug/L	100
13)	#Aroclor-1242 Peak 3	11.69	3508	1234814	49.40	ug/L	100
17)	#Aroclor-1254 Peak 1	13.67	4102	1589373	49.89	ug/L	100
18)	#Aroclor-1254 Peak 2	15.46	4638	5494213	84.14	ug/L	100
19)	#Aroclor-1254 Peak 3	18.44	5532	6087262	42.40	ug/L	100

Compound uses ESTD



Data File: >H4763::G4 Quant Output File: ^H4763::QT
Name: 9912994DL2 100000 Instrument ID: H
Misc: 6481 12/03/99 OE DCOMP-1

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

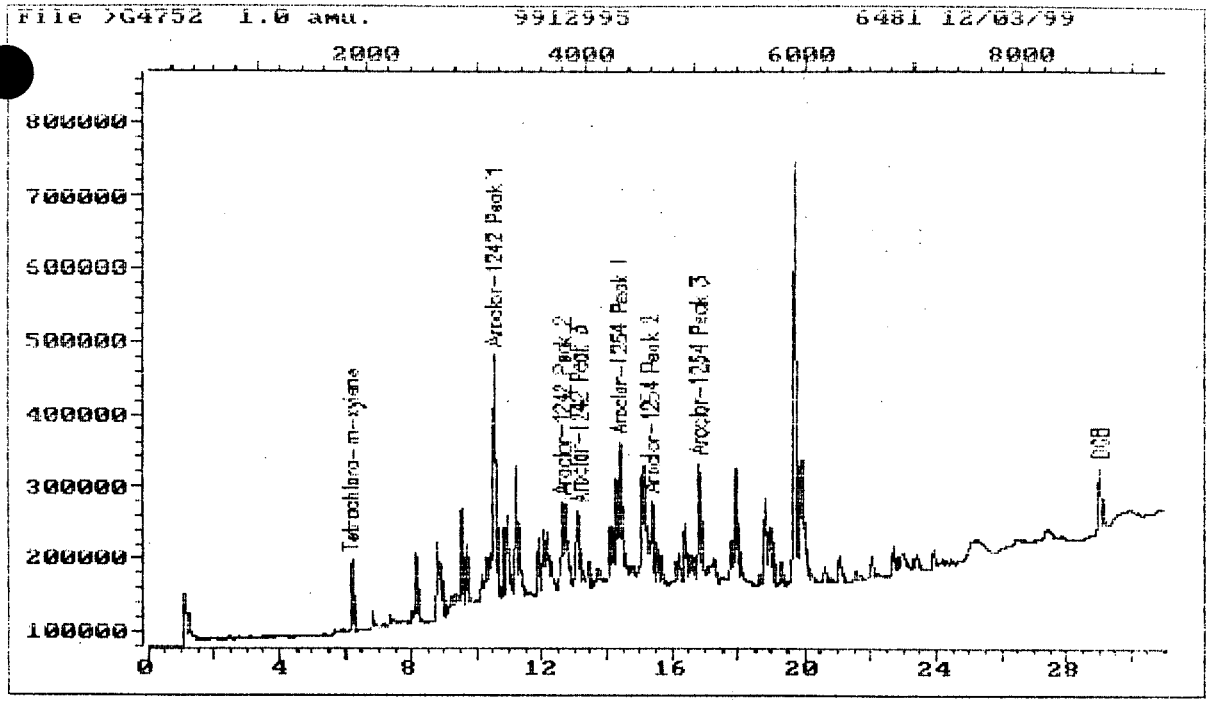
Operator ID: JEFF
Quant Time : 991208 20:39
Injected at: 991208 20:05

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 08:19
put File: ^G4752::QT Injected at: 991208 07:44
ata File: >G4752::G4 Dilution Factor: 1.00000
ame: 9912995 Instrument ID: G
isc: 6481 12/03/99 OE DCOMP-2

D File: ID7PCB::G5
itle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.17	1851	404312M	.831	ug/L	
11)	#Aroclor-1242 Peak 1	10.52	3156	2486326	89.40	ug/L	100
12)	#Aroclor-1242 Peak 2	12.61	3783	882469	114.58	ug/L	100
13)	#Aroclor-1242 Peak 3	13.11	3934	849687	87.82	ug/L	100
17)	#Aroclor-1254 Peak 1	14.37	4311	1024890	86.66	ug/L	100
18)	#Aroclor-1254 Peak 2	15.32	4596	529564	44.39	ug/L	100
19)	#Aroclor-1254 Peak 3	16.78	5034	898919	99.89	ug/L	100
23)	#DCB	28.99	8698	592845	.973	ug/L	100

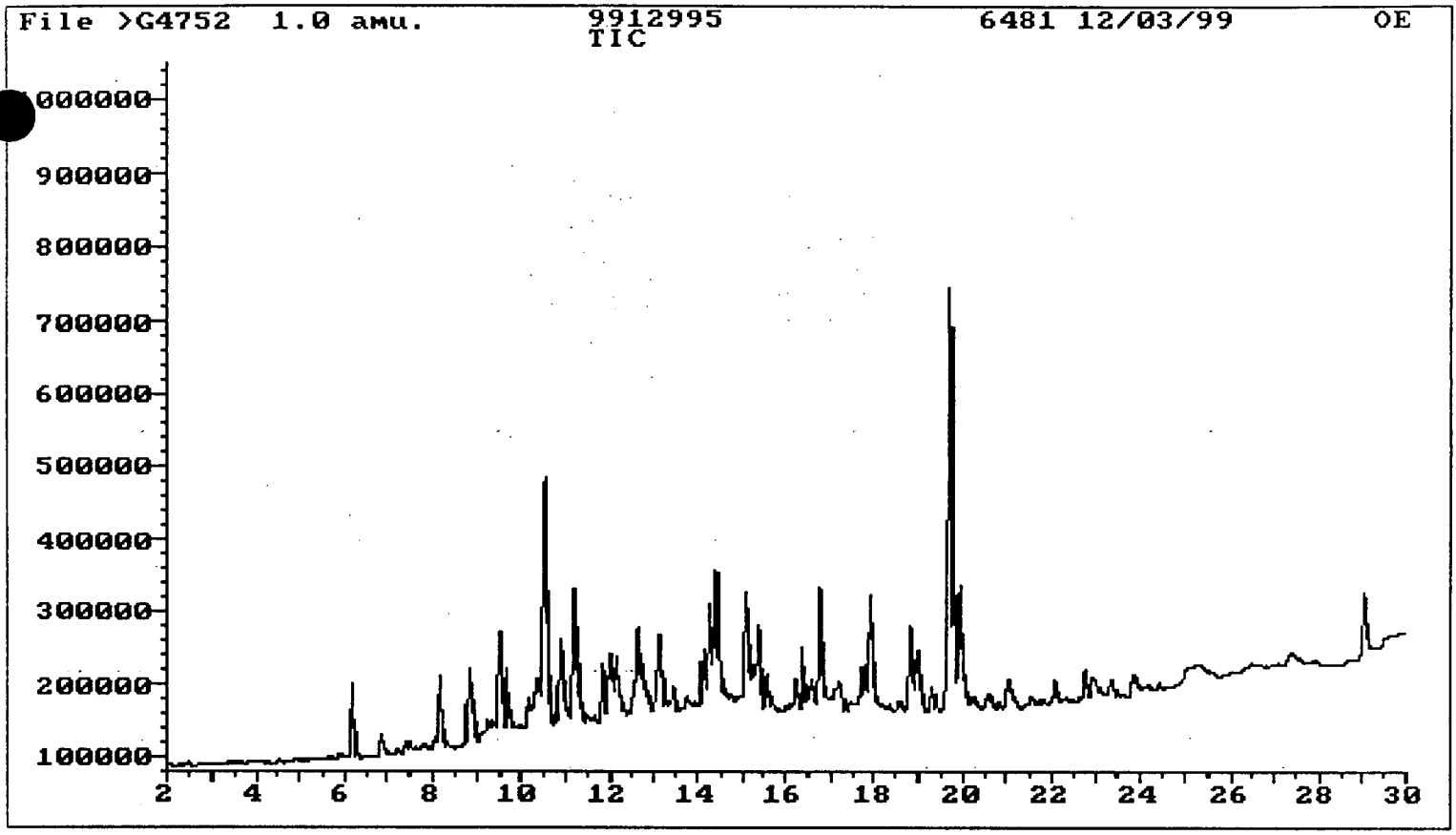
Compound uses ESTD



Data File: >G4752::G4 Quant Output File: ^G4752::QT
Name: 9912995 Instrument ID: G
Misc: 6481 12/03/99 OE DCOMP-2

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 08:19
Injected at: 991208 07:44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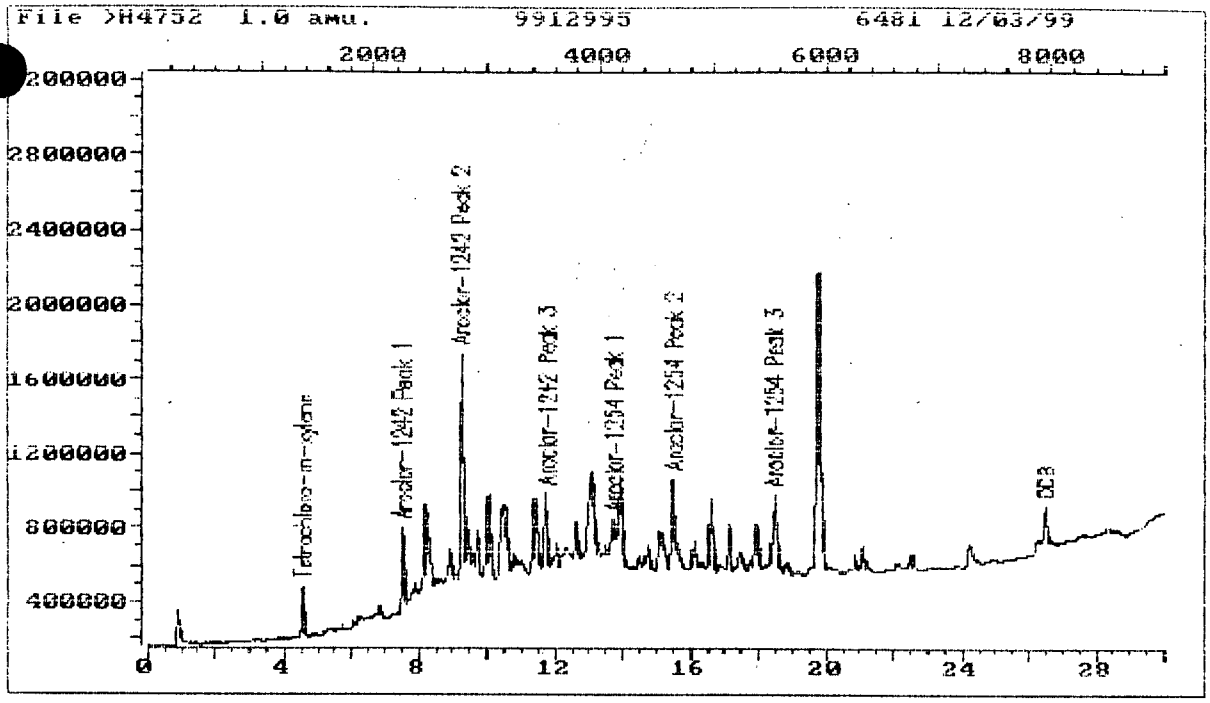
ator ID: JEFF Quant Rev: 7 Quant Time: 991208 09:13
tput File: ^H4752::QT Injected at: 991208 08:22
ata File: >H4752::G4 Dilution Factor: 1.00000
ame: 9912995 Instrument ID: H
isc: 6481 12/03/99 OE DCOMP-2

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

Compound	R.T.	Scan#	Area	Conc	Units	q
1) #Tetrachloro-m-xylene	4.56	1368	1422498M	1.01	ug/L	
11) #Aroclor-1242 Peak 1	7.48	2244	2311550	62.55	ug/L	100
12) #Aroclor-1242 Peak 2	9.20	2759	6646636	79.54	ug/L	100
13) #Aroclor-1242 Peak 3	11.73	3520	2407254	96.31	ug/L	100
17) #Aroclor-1254 Peak 1	13.70	4111	936305	29.39	ug/L	100
18) #Aroclor-1254 Peak 2	15.47	4642	2928459	44.85	ug/L	100
19) #Aroclor-1254 Peak 3	18.44	5533	2962467	20.63	ug/L	100
23) #DCB	26.48	7944	1136341	.644	ug/L	100

Compound uses ESTD



Data File: >H4752::G4 Quant Output File: ^H4752::QT
Name: 9912995 Instrument ID: H
Misc: 6481 12/03/99 OE DCOMP-2

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

Operator ID: JEFF
Quant Time : 991208 09:13
Injected at: 991208 08:22

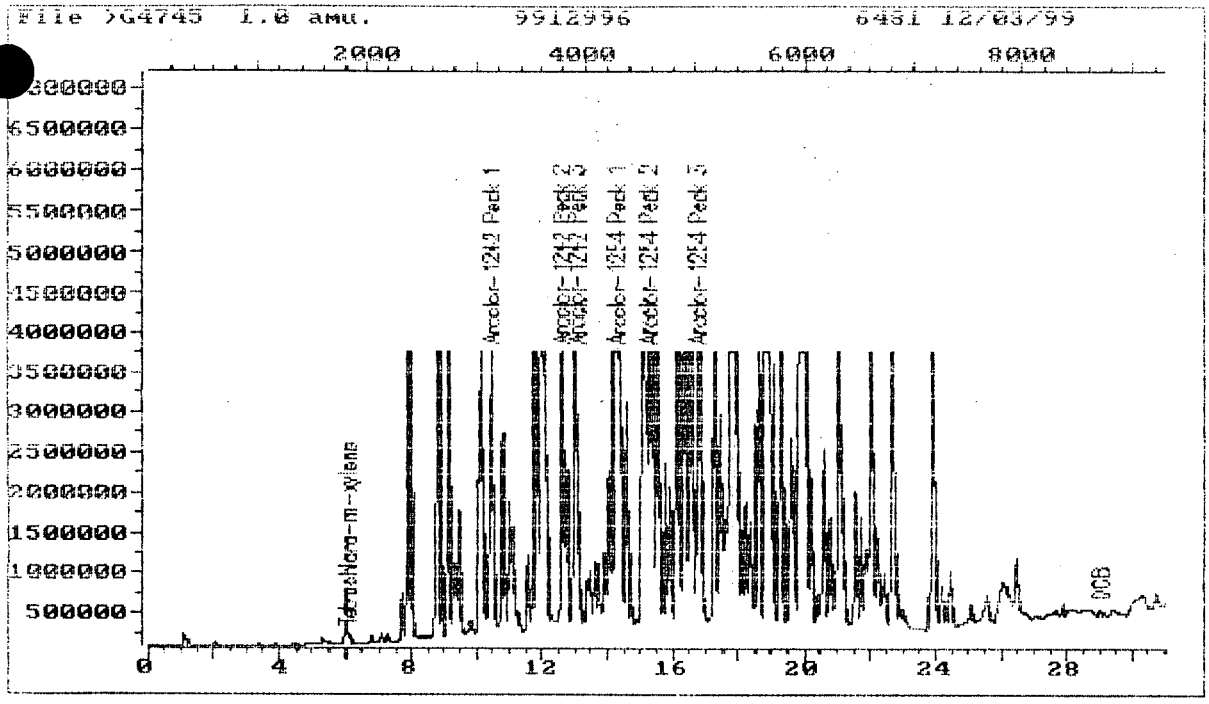
600

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 07:52
Output File: ^G4745::QT Injected at: 991208 03:25
Data File: >G4745::G4 Dilution Factor: 1.00000
Name: 9912996 Instrument ID: G
Misc: 6481 12/03/99 OE SP-1

ID File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.07	1821	378456M	.778	ug/L	
11)	#Aroclor-1242 Peak 1	10.46	3137	23494624M	844.74	ug/L	100
12)	#Aroclor-1242 Peak 2	12.56	3767	17878920M	2321.44	ug/L	100
13)	#Aroclor-1242 Peak 3	13.02	3906	33178504M	3429.37	ug/L	
17)	#Aroclor-1254 Peak 1	14.27	4281	51039304M	4315.52	ug/L	
18)	#Aroclor-1254 Peak 2	15.23	4568	31236520M	2618.55	ug/L	
19)	#Aroclor-1254 Peak 3	16.73	5019	38335416M	4260.13	ug/L	
23)	#DCB	28.99	8697	551062	.904	ug/L	100

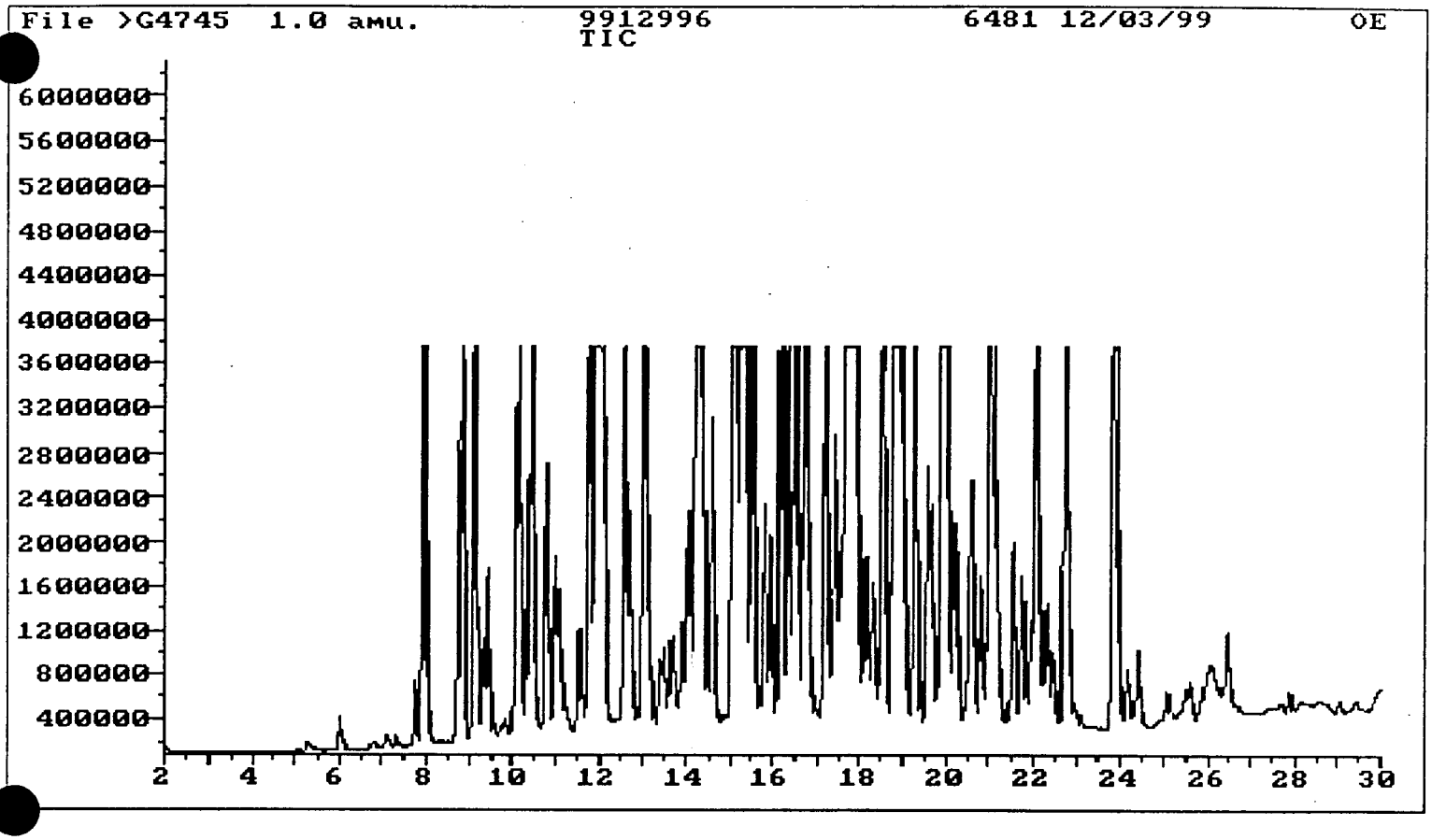
Compound uses ESTD



Data File: >G4745::G4 Quant Output File: ^G4745::QT
Name: 9912996 Instrument ID: G
Misc: 6481 12/03/99 OE SP-1

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 07:52
Injected at: 991208 03:25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6481 12/03/99
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2400000
2000000
1600000
1200000
800000
400000
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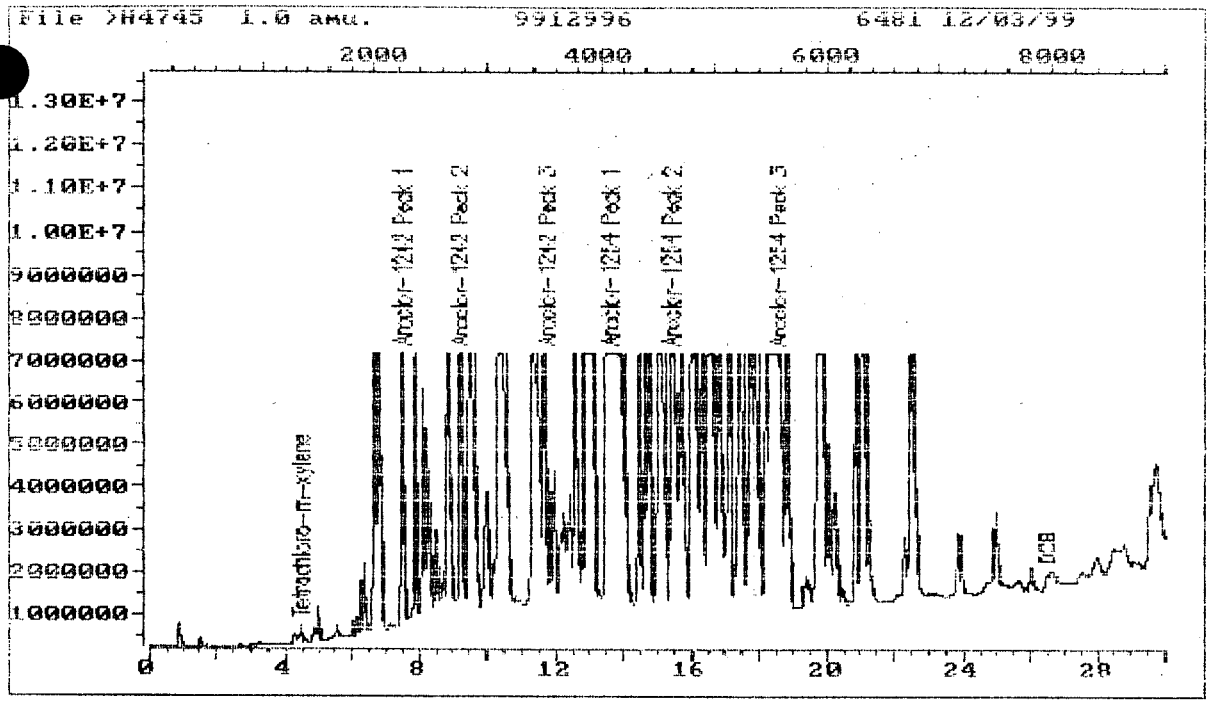
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 08:59
put File: ^H4745::QT Injected at: 991208 04:02
ata File: >H4745::G4 Dilution Factor: 1.00000
ame: 9912996 Instrument ID: H
isc: 6481 12/03/99 OE SP-1

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.45	1336	1390363	.986	ug/L	100
11)	#Aroclor-1242 Peak 1	7.46	2239	46963840M	1270.74	ug/L	100
12)	#Aroclor-1242 Peak 2	9.18	2753	46791464M	559.97	ug/L	100
13)	#Aroclor-1242 Peak 3	11.72	3515	50321168M	2013.24	ug/L	100
17)	#Aroclor-1254 Peak 1	13.56	4067	.206E+09M	6454.50	ug/L	
18)	#Aroclor-1254 Peak 2	15.38	4613	4405264	67.47	ug/L	100
19)	#Aroclor-1254 Peak 3	18.55	5565	.140E+09M	976.22	ug/L	
23)	#DCB	26.49	7946	2642807	1.50	ug/L	100

Compound uses ESTD

604



Data File: >H4745::G4 Quant Output File: ^H4745::QT
Name: 9912996 Instrument ID: H
Misc: 6481 12/03/99 OE SP-1

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

Operator ID: JEFF
Quant Time : 991208 08:59
Injected at: 991208 04:02

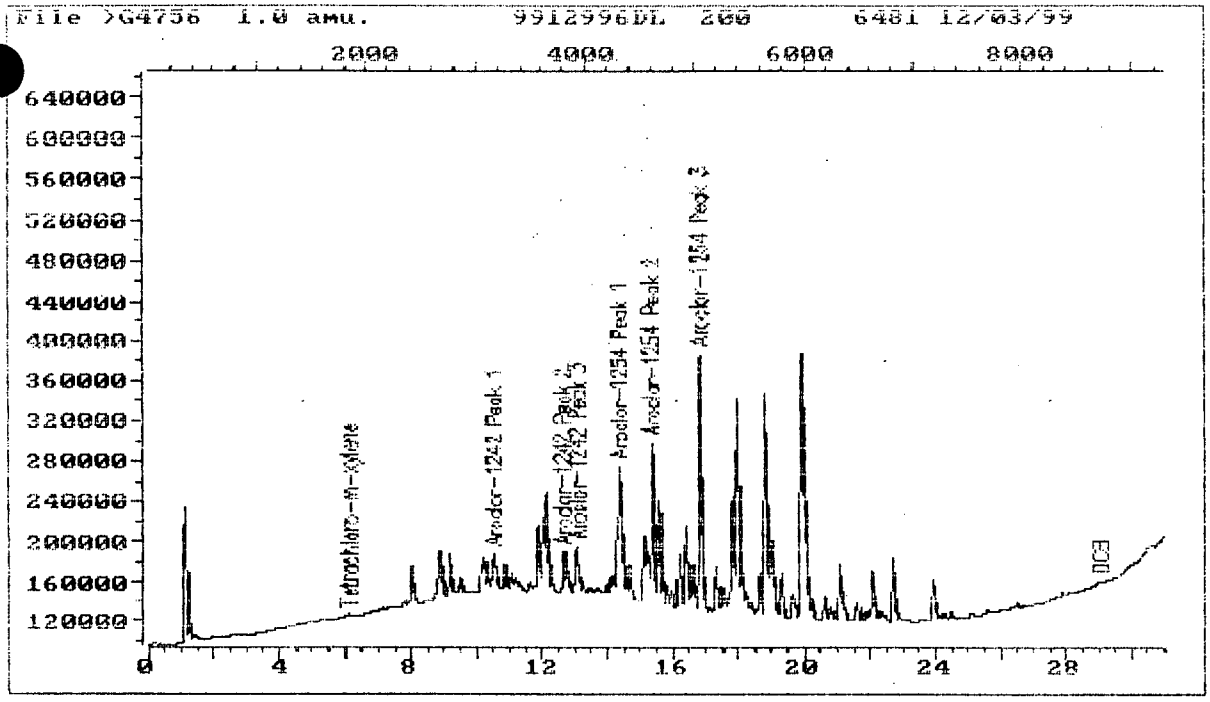
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 15:42
put File: ^G4756::QT Injected at: 991208 15:07
ata File: >G4756::G4 Dilution Factor: 1.00000
ame: 9912996DL 200 Instrument ID: G
isc: 6481 12/03/99 OE SP-1

D File: ID7PCB::G5
itle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.13	1840	1588M	.00326	ug/L	100
11)	#Aroclor-1242 Peak 1	10.52	3156	273716	9.84	ug/L	100
12)	#Aroclor-1242 Peak 2	12.61	3784	207075	26.89	ug/L	100
13)	#Aroclor-1242 Peak 3	13.07	3920	411780	42.56	ug/L	100
17)	#Aroclor-1254 Peak 1	14.35	4305	789106	66.72	ug/L	100
18)	#Aroclor-1254 Peak 2	15.32	4595	789301	66.17	ug/L	100
19)	#Aroclor-1254 Peak 3	16.80	5039	1612746	179.22	ug/L	100
23)	#DCB	29.03	8708	2482M	.00407	ug/L	

Compound uses ESTD

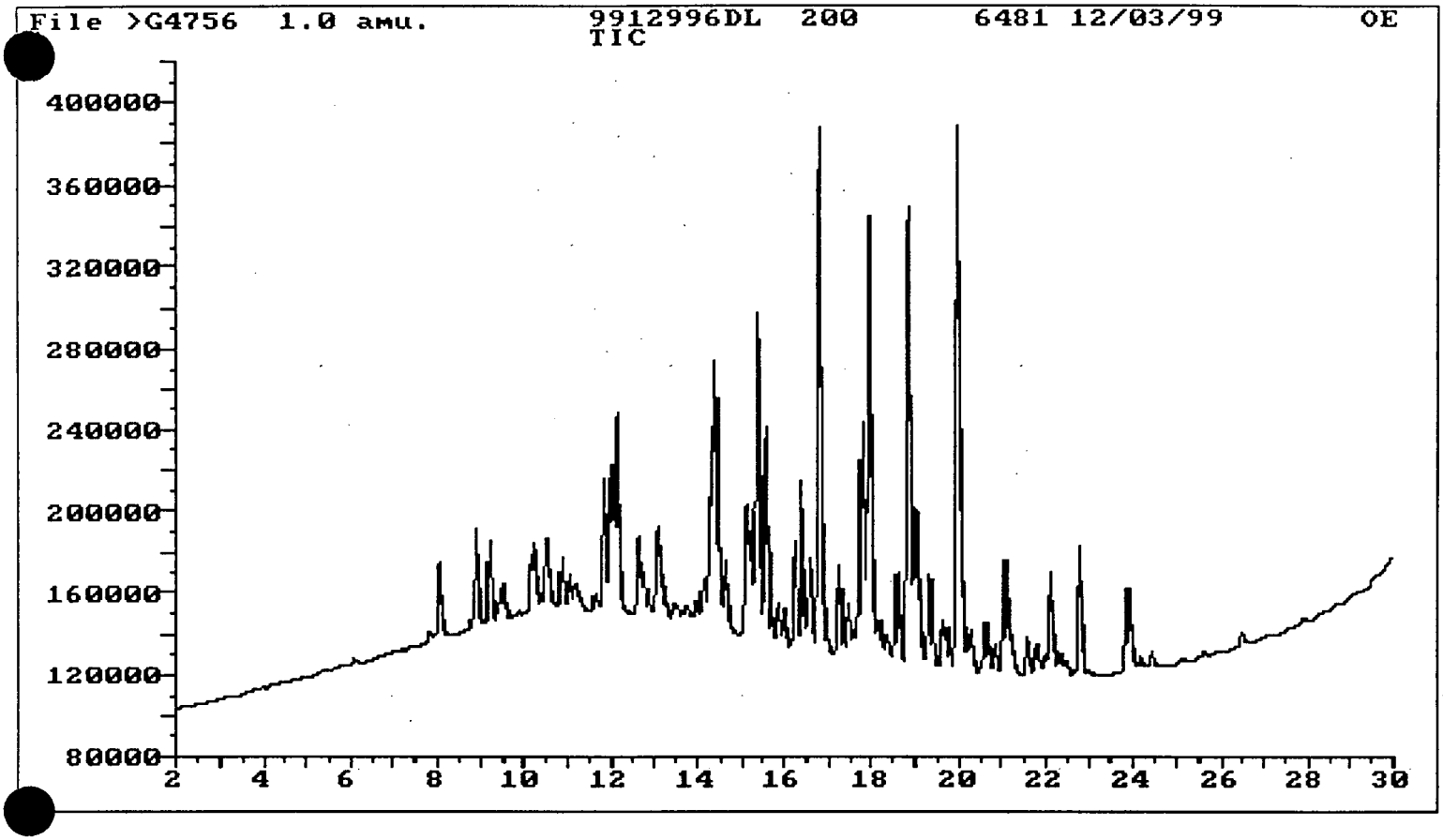
606



Data File: >G4756::G4 Quant Output File: ^G4756::QT
Name: 9912996DL 200 Instrument ID: G
Misc: 6481 12/03/99 OE SP-1

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 15:42
Injected at: 991208 15:07


File >G4756 1.0 amu.
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6481 12/03/99
OE
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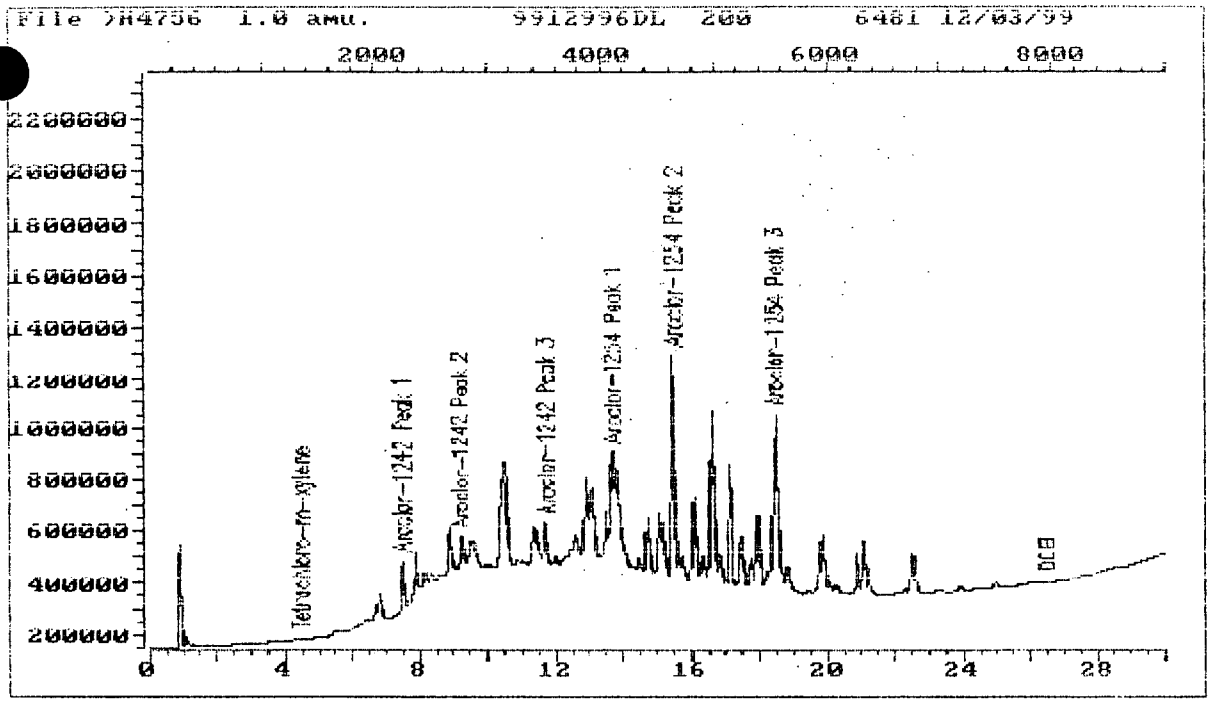
608

ator ID: JEFF Quant Rev: 7 Quant Time: 991208 16:17
put File: ^H4756::QT Injected at: 991208 15:44
ata File: >H4756::G4 Dilution Factor: 1.00000
ame: 9912996DL 200 Instrument ID: H
isc: 6481 12/03/99 OE SP-1

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.47	1340	13785M	.00977	ug/L	
11)	#Aroclor-1242 Peak 1	7.44	2231	1437853	38.91	ug/L	100
12)	#Aroclor-1242 Peak 2	9.17	2751	743377	8.90	ug/L	100
13)	#Aroclor-1242 Peak 3	11.69	3506	977627	39.11	ug/L	100
17)	#Aroclor-1254 Peak 1	13.67	4101	1457628	45.76	ug/L	100
18)	#Aroclor-1254 Peak 2	15.46	4637	5258947	80.54	ug/L	100
19)	#Aroclor-1254 Peak 3	18.44	5531	5063508	35.27	ug/L	100
23)	#DCB	26.49	7948	14214M	.00806	ug/L	

Compound uses ESTD



Data File: >H4756::G4 Quant Output File: ^H4756::QT
Name: 9912996DL 200 Instrument ID: H
Misc: 6481 12/03/99 OE SP-1

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

Operator ID: JEFF
Quant Time : 991208 16:17
Injected at: 991208 15:44

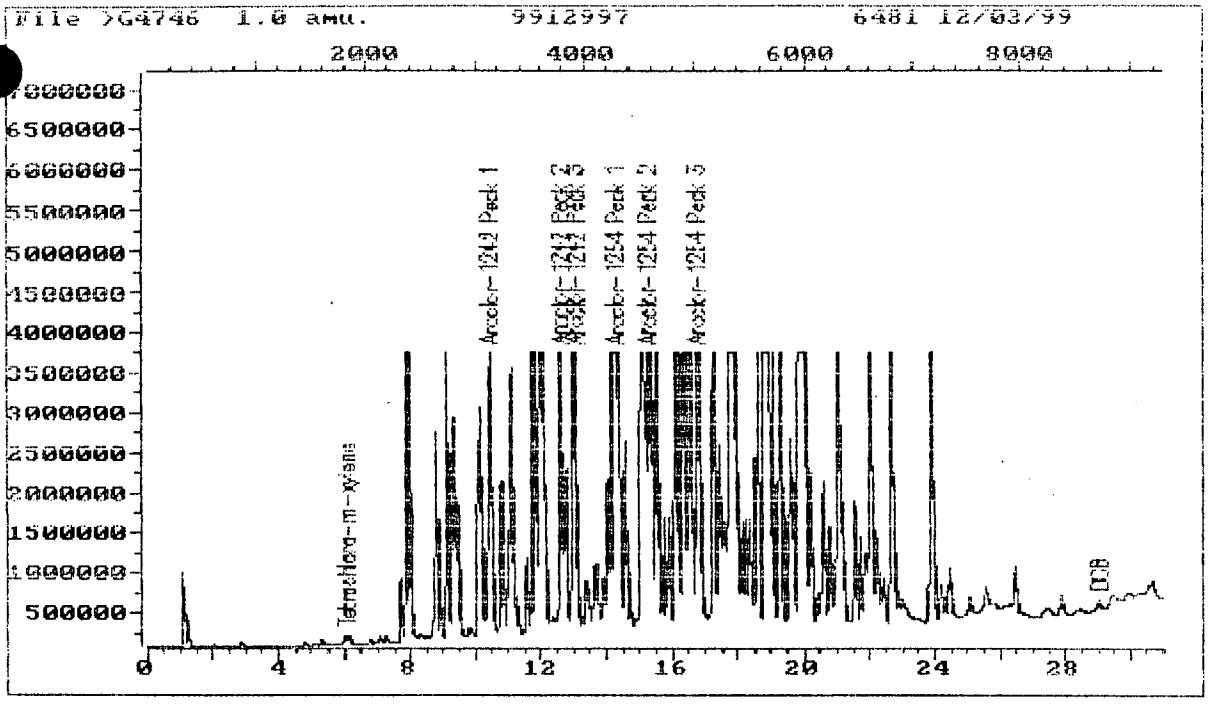
610

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 07:53
eput File: ^G4746::QT Injected at: 991208 04:02
ata File: >G4746::G4 Dilution Factor: 1.00000
ame: 9912997 Instrument ID: G
isc: 6481 12/03/99 OE SP-2

D File: ID7PCB::G5
itle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.08	1823	451631	.928	ug/L	100
11)	#Aroclor-1242 Peak 1	10.44	3131	25859648M	929.78	ug/L	100
12)	#Aroclor-1242 Peak 2	12.57	3770	19274976M	2502.71	ug/L	100
13)	#Aroclor-1242 Peak 3	13.03	3909	31999952M	3307.56	ug/L	
17)	#Aroclor-1254 Peak 1	14.26	4277	51544608M	4358.24	ug/L	
18)	#Aroclor-1254 Peak 2	15.23	4568	32008136M	2683.24	ug/L	
19)	#Aroclor-1254 Peak 3	16.72	5015	37743024M	4194.30	ug/L	
23)	#DCB	28.99	8697	847215M	1.39	ug/L	100

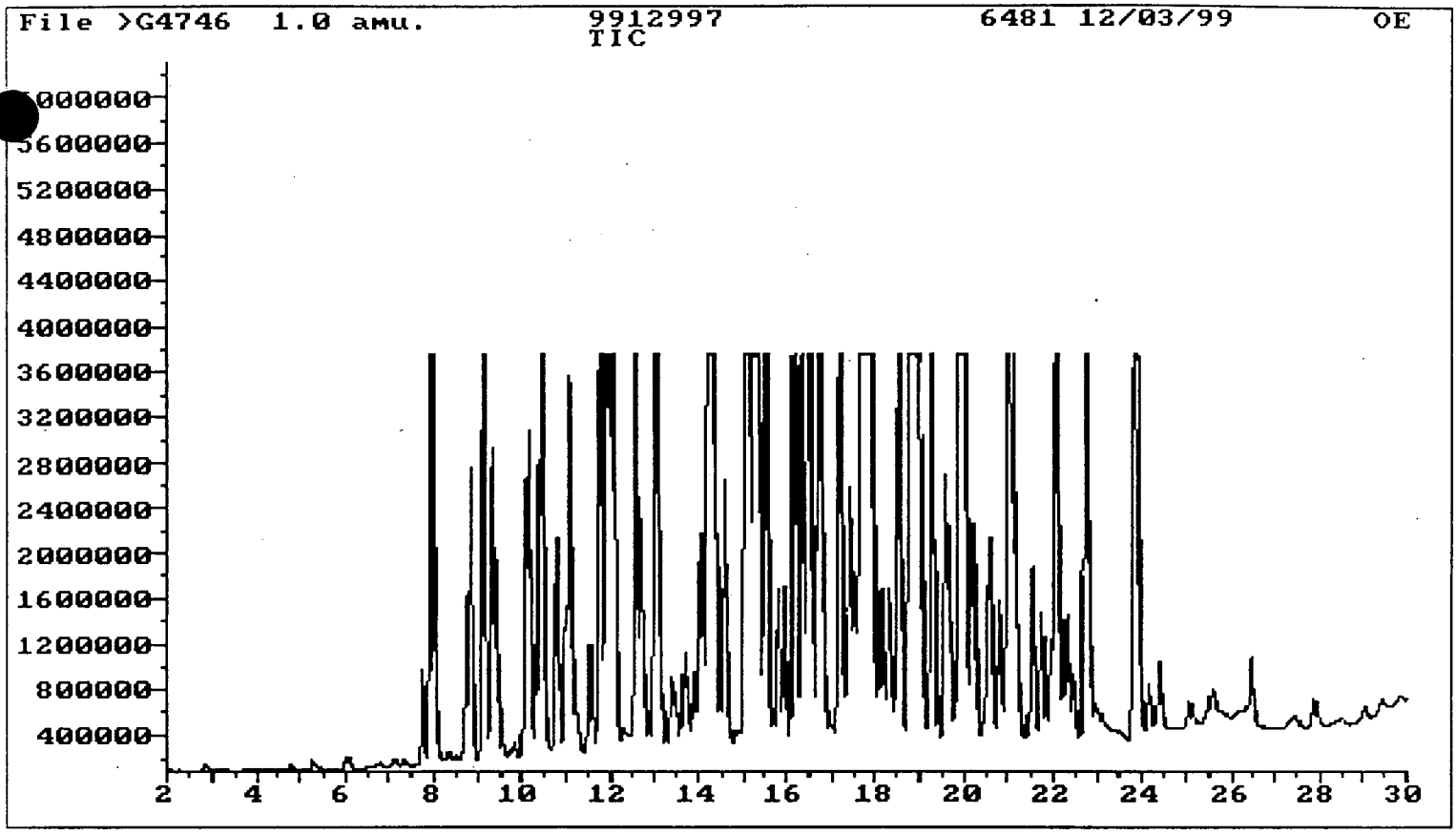
Compound uses ESTD



Data File: >G4746::G4 Quant Output File: ^G4746::QT
Name: 9912997 Instrument ID: G
Misc: 6481 12/03/99 OE SP-2

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 07:53
Injected at: 991208 04:02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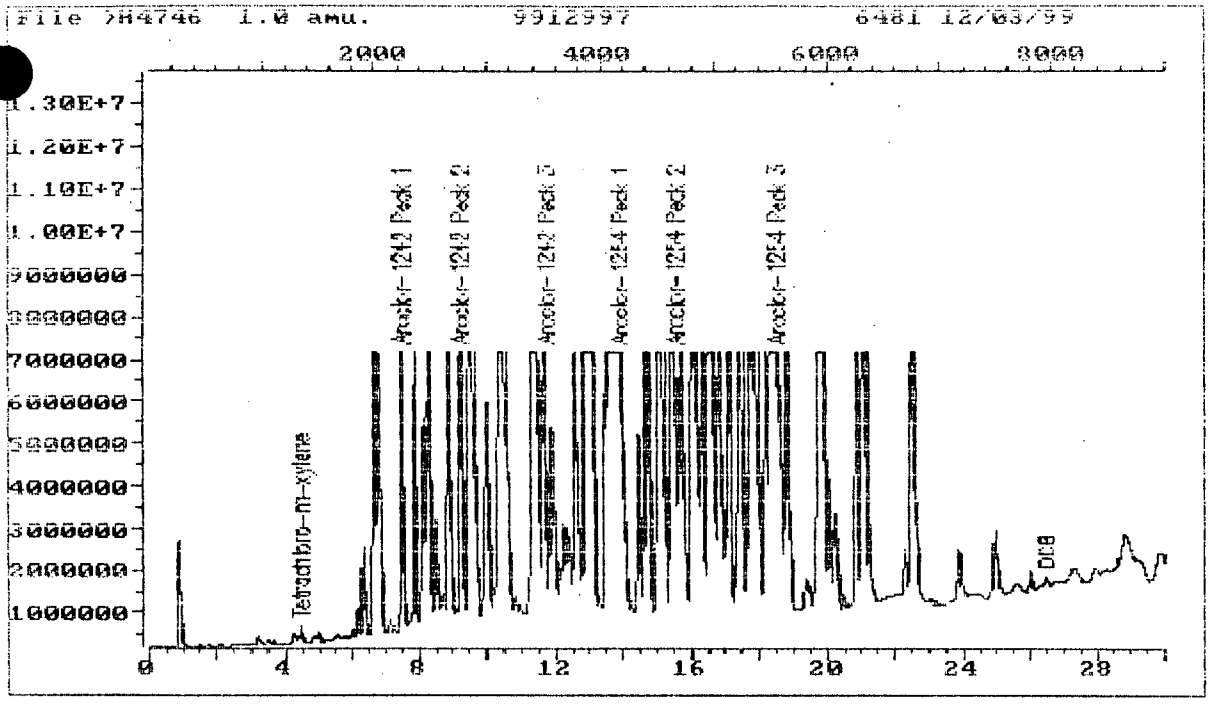
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 09:01
put File: ^H4746::QT Injected at: 991208 04:39
ata File: >H4746::G4 Dilution Factor: 1.00000
ame: 9912997 Instrument ID: H
isc: 6481 12/03/99 OE SP-2

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.46	1337	1477205	1.05	ug/L	100
11)	#Aroclor-1242 Peak 1	7.45	2234	39859896M	1078.52	ug/L	100
12)	#Aroclor-1242 Peak 2	9.19	2757	49165680M	588.39	ug/L	100
13)	#Aroclor-1242 Peak 3	11.72	3516	47391664M	1896.04	ug/L	100
17)	#Aroclor-1254 Peak 1	13.90	4170	.162E+09M	5076.03	ug/L	
18)	#Aroclor-1254 Peak 2	15.52	4655	76387152M	1169.85	ug/L	100
19)	#Aroclor-1254 Peak 3	18.52	5555	.106E+09M	741.47	ug/L	
23)	#DCB	26.48	7943	1289245M	.731	ug/L	

Compound uses ESTD



Data File: >H4746::G4 Quant Output File: ^H4746::QT
Name: 9912997 Instrument ID: H
Misc: 6481 12/03/99 OE SP-2

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

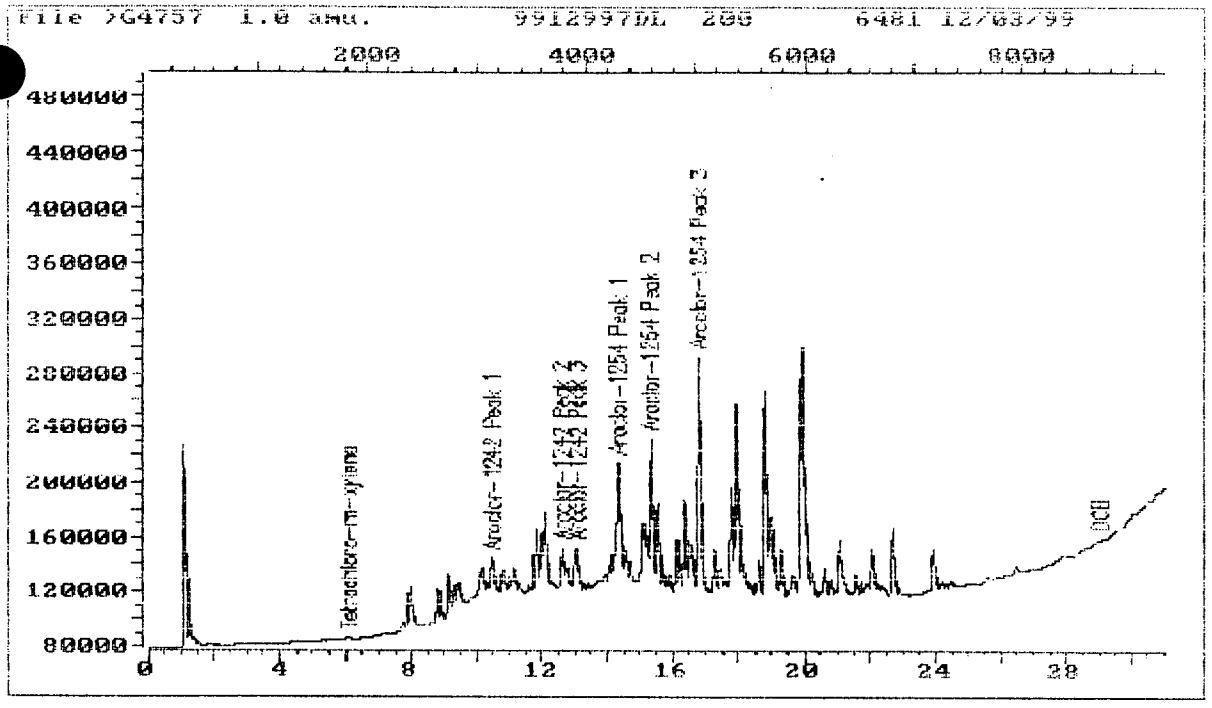
Operator ID: JEFF
Quant Time : 991208 09:01
Injected at: 991208 04:39

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 16:18
eput File: ^G4757::QT Injected at: 991208 15:44
ata File: >G4757::G4 Dilution Factor: 1.00000
ame: 9912997DL 200 Instrument ID: G
isc: 6481 12/03/99 OE SP-2

D File: ID7PCB::G5
itle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.08	1824	1946M	.00400	ug/L	
11)	#Aroclor-1242 Peak 1	10.47	3141	196375	7.06	ug/L	100
12)	#Aroclor-1242 Peak 2	12.57	3770	164707	21.39	ug/L	100
13)	#Aroclor-1242 Peak 3	13.04	3912	292821	30.27	ug/L	100
17)	#Aroclor-1254 Peak 1	14.30	4291	773610	65.41	ug/L	100
18)	#Aroclor-1254 Peak 2	15.27	4582	534934	44.84	ug/L	100
19)	#Aroclor-1254 Peak 3	16.76	5029	1116181	124.04	ug/L	100
33)	#DCB	29.01	8702	3754M	.00616	ug/L	

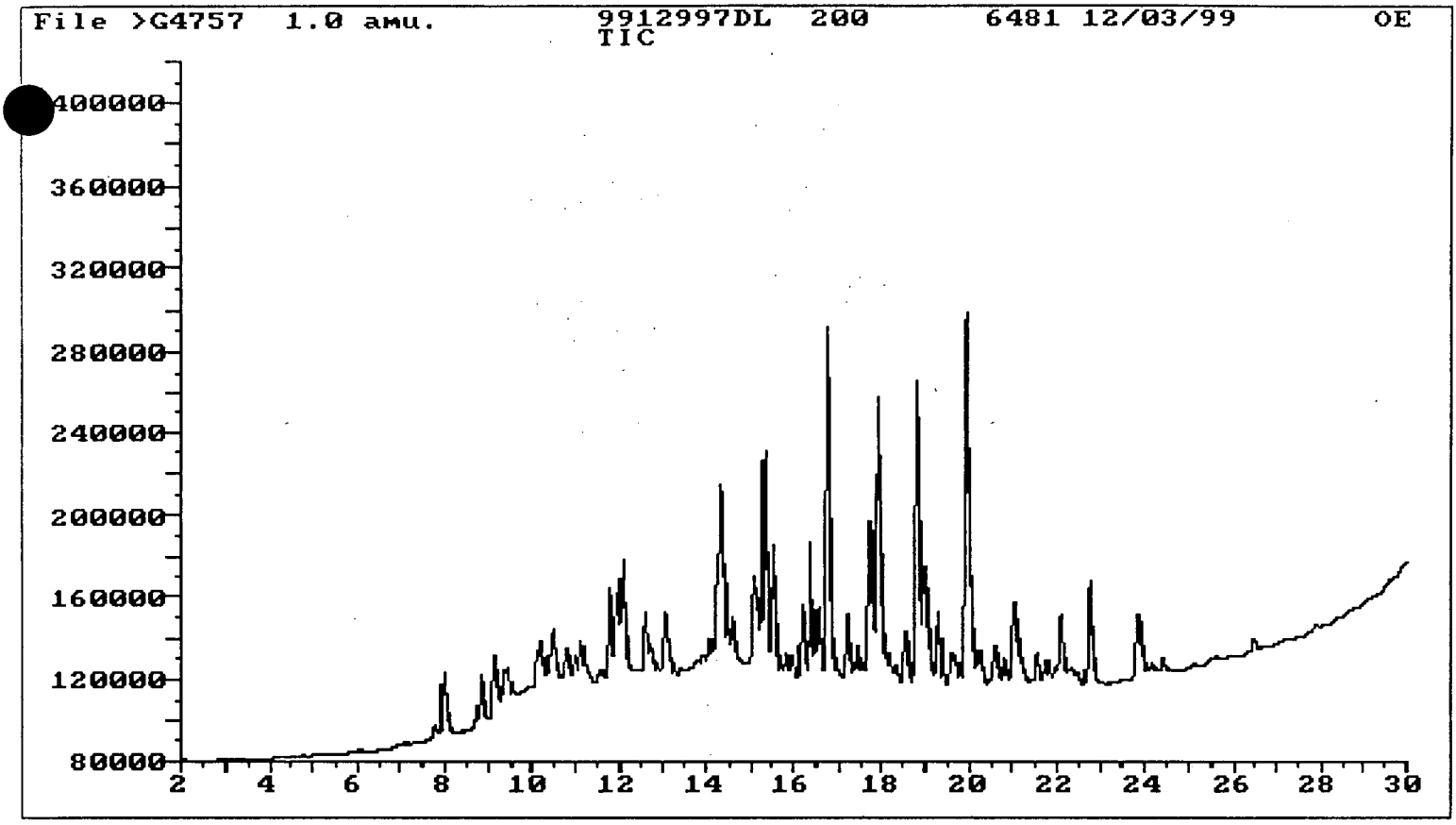
Compound uses ESTD



Data File: >G4757::G4 Quant Output File: ^G4757::QT
Name: 9912997DL 200 Instrument ID: G
Misc: 6481 12/03/99 OE SP-2

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 16:18
Injected at: 991208 15:44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TIC
6481 12/03/99
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320000
280000
240000
200000
160000
120000
80000
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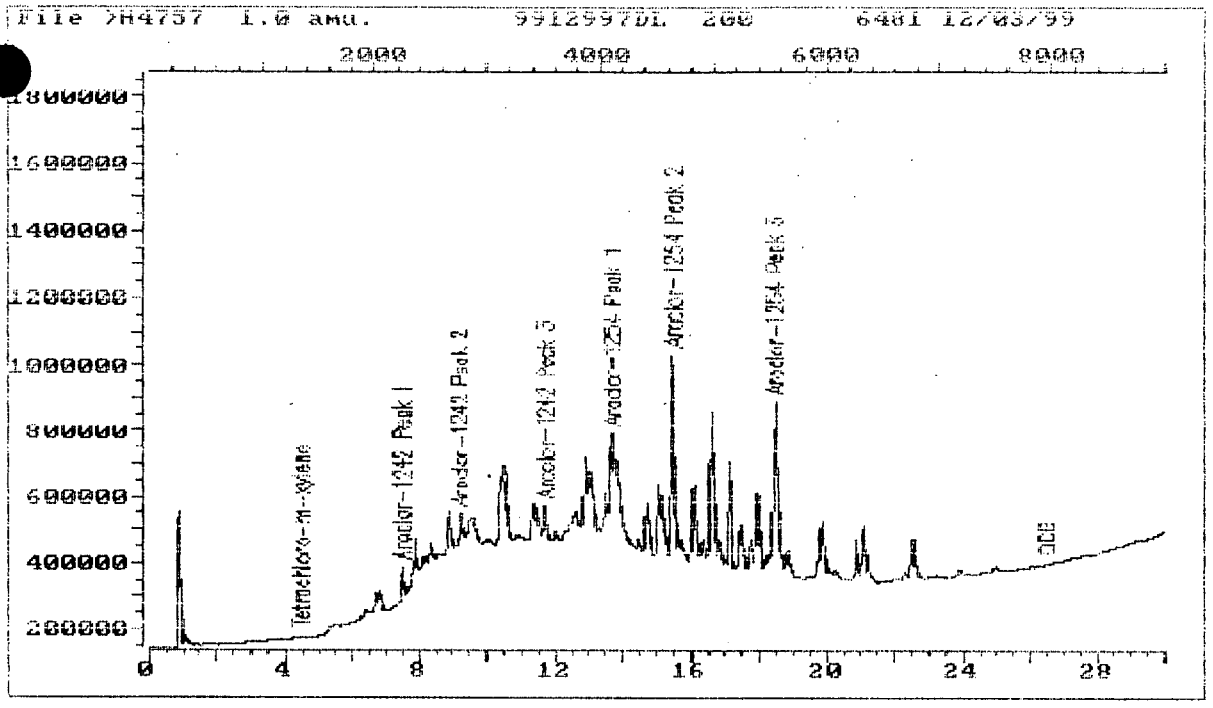
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 16:54
utput File: ^H4757::QT Injected at: 991208 16:21
ata File: >H4757::G4 Dilution Factor: 1.00000
ame: 9912997DL 200 Instrument ID: H
isc: 6481 12/03/99 OE SP-2

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.47	1341	7052M	.00500	ug/L	
11)	#Aroclor-1242 Peak 1	7.44	2232	925418	25.04	ug/L	100
12)	#Aroclor-1242 Peak 2	9.17	2752	609335	7.29	ug/L	100
13)	#Aroclor-1242 Peak 3	11.69	3507	612727	24.51	ug/L	100
17)	#Aroclor-1254 Peak 1	13.67	4102	1104892	34.69	ug/L	100
18)	#Aroclor-1254 Peak 2	15.46	4638	3648202	55.87	ug/L	100
19)	#Aroclor-1254 Peak 3	18.44	5531	3627613	25.27	ug/L	100
23)	#DCB	26.49	7948	8742M	.00496	ug/L	

Compound uses ESTD



Data File: >H4757::G4 Quant Output File: ^H4757::QT
Name: 9912997DL 200 Instrument ID: H
Misc: 6481 12/03/99 OE SP-2

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

Operator ID: JEFF
Quant Time : 991208 16:54
Injected at: 991208 16:21

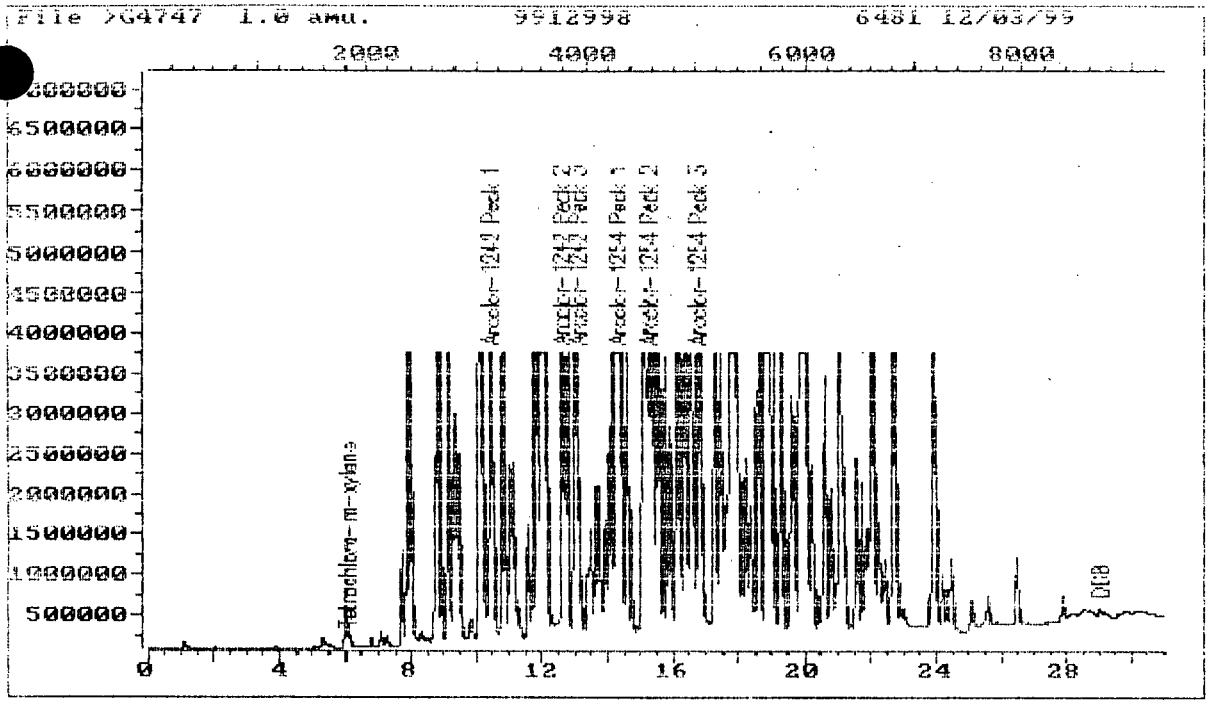
620

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 07:54
eput File: ^G4747::QT Injected at: 991208 04:39
ata File: >G4747::G4 Dilution Factor: 1.00000
ame: 9912998 Instrument ID: G
isc: 6481 12/03/99 OE SP-3

D File: ID7PCB::G5
itle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.07	1822	397886M	.818	ug/L	
11)	#Aroclor-1242 Peak 1	10.43	3128	30248264M	1087.57	ug/L	
12)	#Aroclor-1242 Peak 2	12.56	3769	22059440M	2864.25	ug/L	100
13)	#Aroclor-1242 Peak 3	13.07	3920	40604848M	4196.97	ug/L	
17)	#Aroclor-1254 Peak 1	14.28	4283	58575560M	4952.73	ug/L	
18)	#Aroclor-1254 Peak 2	15.22	4567	34750544M	2913.13	ug/L	
19)	#Aroclor-1254 Peak 3	16.73	5019	40173376M	4464.38	ug/L	
23)	#DCB	29.00	8699	656670	1.08	ug/L	100

Compound uses ESTD

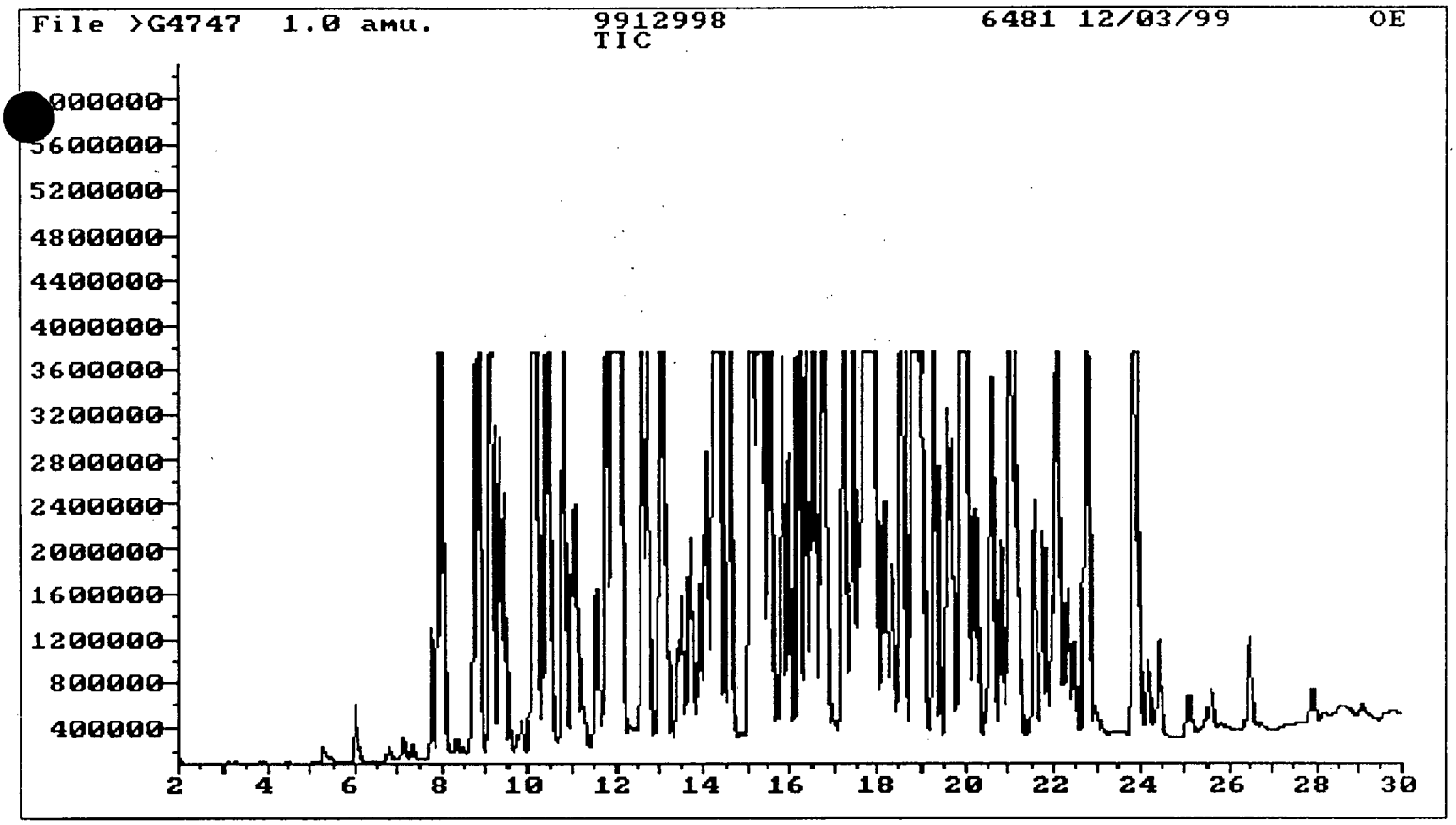


Data File: >G4747::G4 .Quant Output File: ^G4747::QT
Name: 9912998 Instrument ID: G
Misc: 6481 12/03/99 OE SP-3

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 07:54
Injected at: 991208 04:39

622


File >G4747 1.0 amu.
9912998
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2800000
2400000
2000000
1600000
1200000
800000
400000
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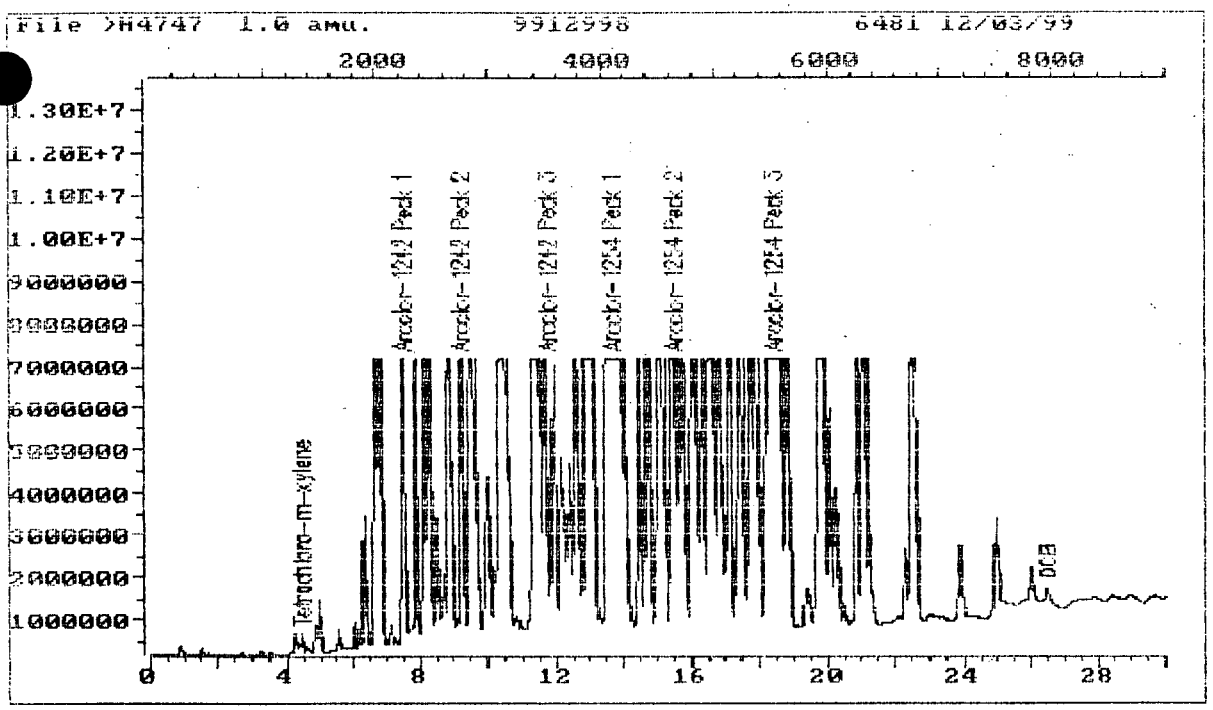
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 09:03
put File: ^H4747::QT Injected at: 991208 05:16
ata File: >H4747::G4 Dilution Factor: 1.00000
ame: 9912998 Instrument ID: H
isc: 6481 12/03/99 OE SP-3

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.45	1336	1595702	1.13	ug/L	100
11)	#Aroclor-1242 Peak 1	7.47	2242	53533256M	1448.50	ug/L	100
12)	#Aroclor-1242 Peak 2	9.19	2756	53851424M	644.46	ug/L	100
13)	#Aroclor-1242 Peak 3	11.73	3520	53051624M	2122.48	ug/L	100
17)	#Aroclor-1254 Peak 1	13.64	4093	.222E+09M	6962.58	ug/L	
18)	#Aroclor-1254 Peak 2	15.48	4644	82126096M	1257.74	ug/L	100
19)	#Aroclor-1254 Peak 3	18.43	5528	.153E+09M	1066.05	ug/L	
33)	#DCB	26.48	7944	2576632M	1.46	ug/L	

Compound uses ESTD

624



Data File: >H4747::G4 Quant Output File: ^H4747::QT
Name: 9912998 Instrument ID: H
Misc: 6481 12/03/99 OE SP-3

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

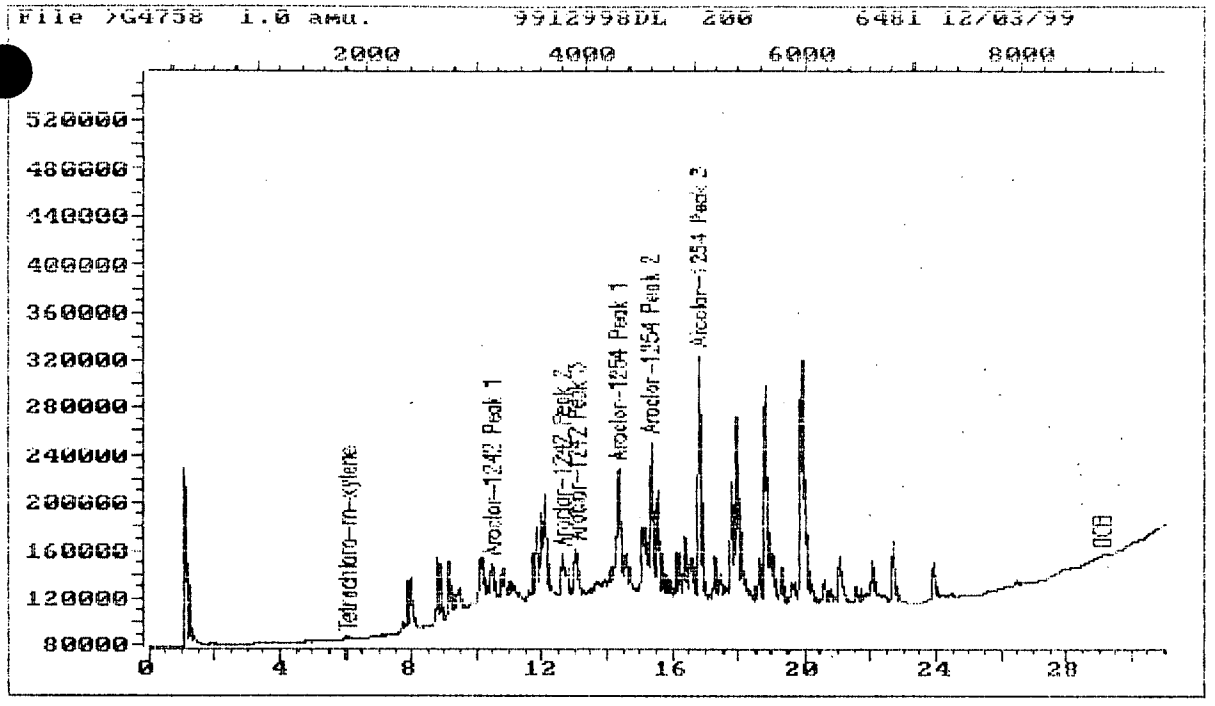
Operator ID: JEFF
Quant Time : 991208 09:03
Injected at: 991208 05:16

ator ID: JEFF Quant Rev: 7 Quant Time: 991208 16:56
put File: ^G4758::QT Injected at: 991208 16:21
ta File: >G4758::G4 Dilution Factor: 1.00000
me: 9912998DL 200 Instrument ID: G
sc: 6481 12/03/99 OE SP-3

File: ID7PCB::G5
tle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
st Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.06	1818	2531M	.00520	ug/L	
1)	#Aroclor-1242 Peak 1	10.46	3139	242889	8.73	ug/L	100
2)	#Aroclor-1242 Peak 2	12.57	3770	182005	23.63	ug/L	100
3)	#Aroclor-1242 Peak 3	13.02	3906	381095	39.39	ug/L	100
7)	#Aroclor-1254 Peak 1	14.30	4291	840141	71.04	ug/L	100
8)	#Aroclor-1254 Peak 2	15.28	4583	616611	51.69	ug/L	100
9)	#Aroclor-1254 Peak 3	16.76	5029	1338140	148.70	ug/L	100
3)	#DCB	29.06	8718	2283M	.00375	ug/L	

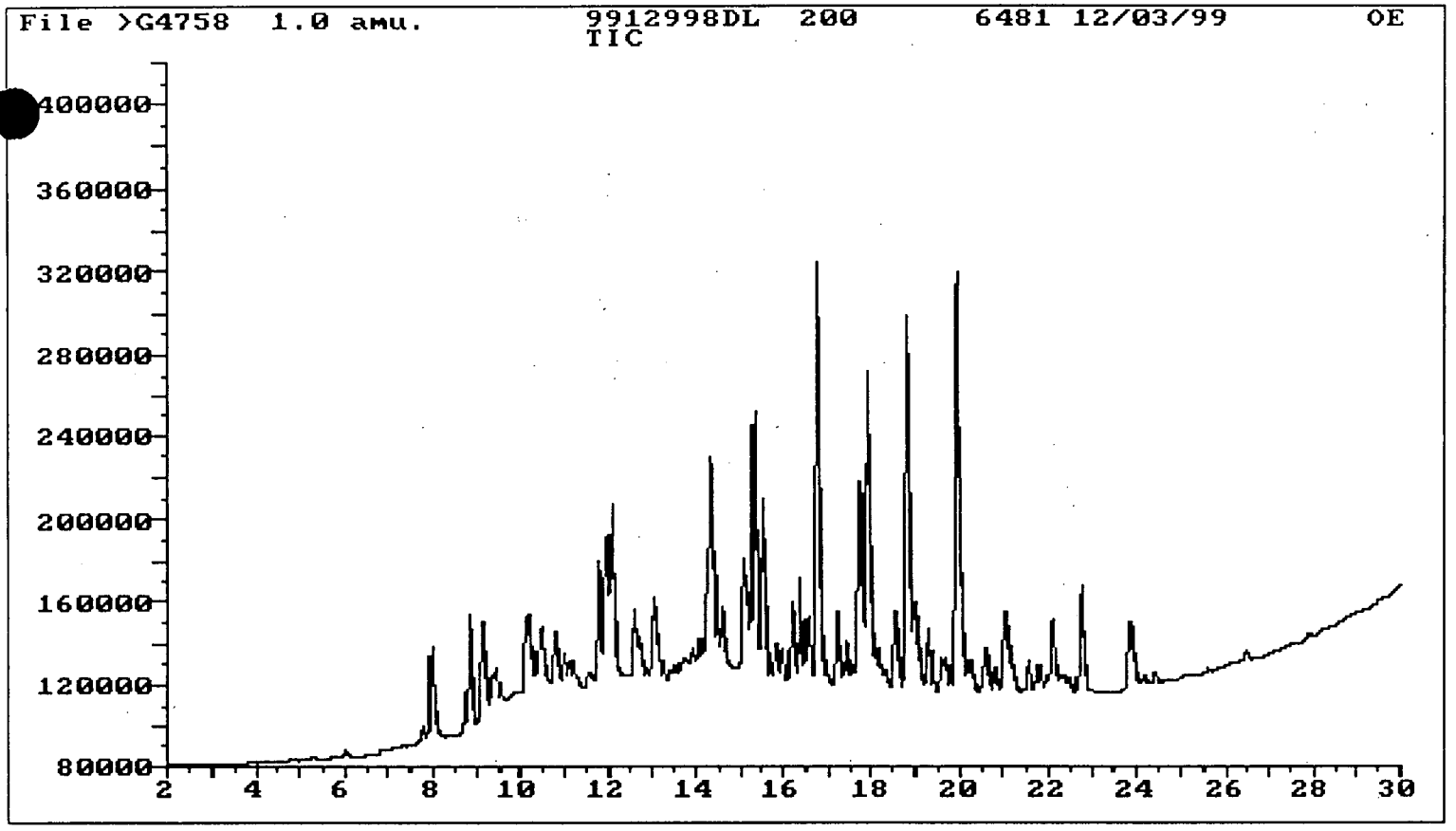
Compound uses ESTD



Data File: >G4758::G4 Quant Output File: ^G4758::QT
Name: 9912998DL 200 Instrument ID: G
Misc: 6481 12/03/99 OE SP-3

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 16:56
Injected at: 991208 16:21


File >G4758 1.0 amu.
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6481 12/03/99
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200000
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120000
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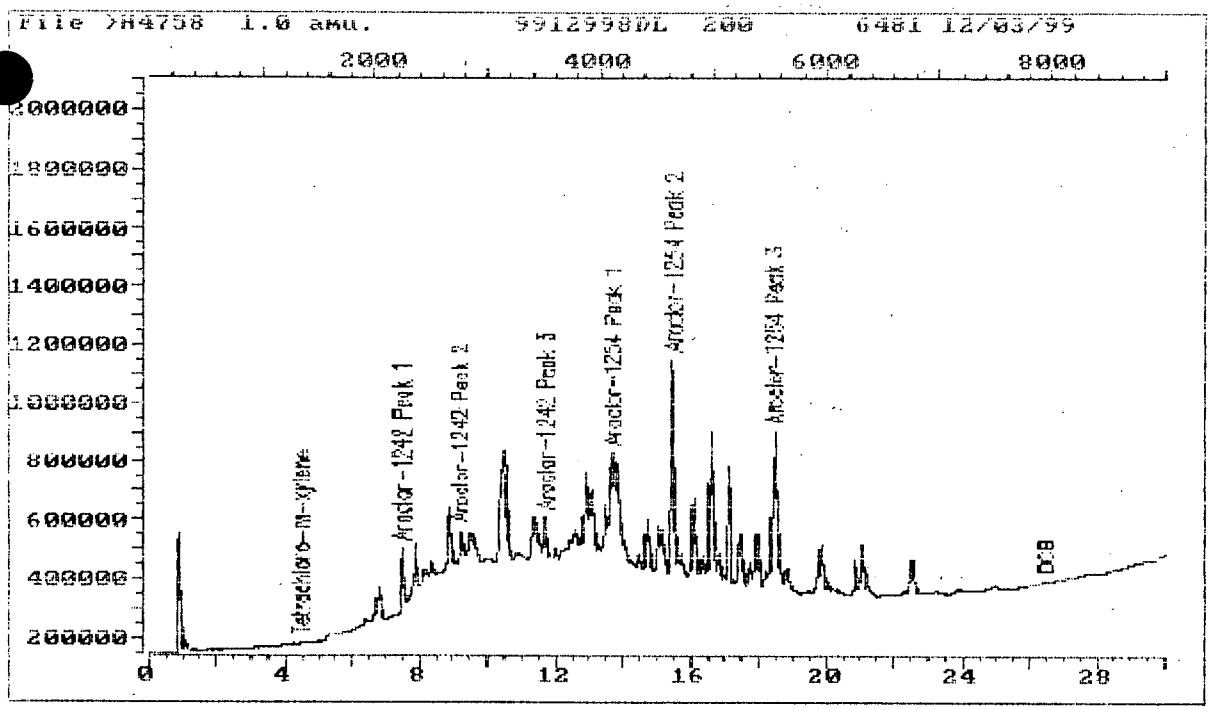
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 17:31
eput File: ^H4758::QT Injected at: 991208 16:58
ata File: >H4758::G4 Dilution Factor: 1.00000
ame: 9912998DL 200 Instrument ID: H
isc: 6481 12/03/99 OE SP-3

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.47	1340	8307M	.00589	ug/L	
11)	#Aroclor-1242 Peak 1	7.44	2232	1596718	43.20	ug/L	100
12)	#Aroclor-1242 Peak 2	9.17	2751	718698	8.60	ug/L	100
13)	#Aroclor-1242 Peak 3	11.69	3506	827348	33.10	ug/L	100
17)	#Aroclor-1254 Peak 1	13.67	4102	1083991	34.03	ug/L	100
18)	#Aroclor-1254 Peak 2	15.46	4638	4395155	67.31	ug/L	100
19)	#Aroclor-1254 Peak 3	18.44	5531	4038719	28.13	ug/L	100
23)	#DCB	26.48	7945	13219M	.00749	ug/L	

Compound uses ESTD



Data File: >H4758::G4 Quant Output File: ^H4758::QT
Name: 9912998DL 200 Instrument ID: H
Misc: 6481 12/03/99 OE SP-3

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

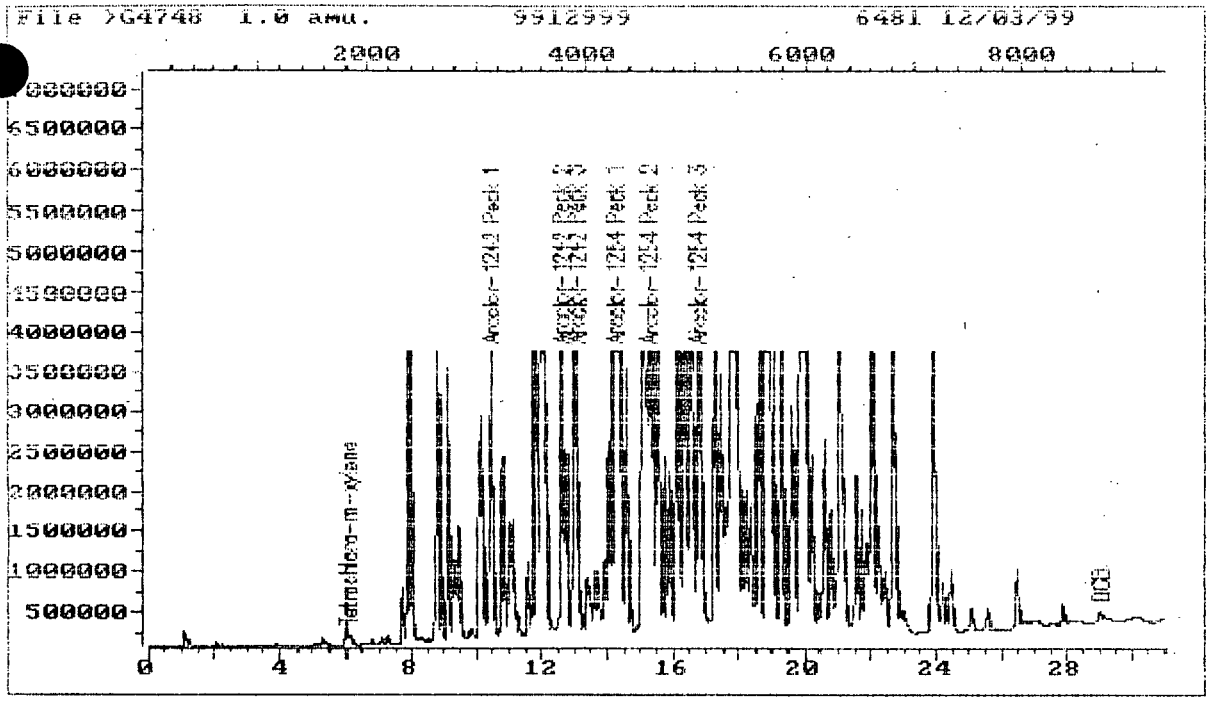
Operator ID: JEFF
Quant Time : 991208 17:31
Injected at: 991208 16:58

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 07:55
utput File: ^G4748::QT Injected at: 991208 05:16
ata File: >G4748::G4 Dilution Factor: 1.00000
ame: 9912999 Instrument ID: G
isc: 6481 12/03/99 OE SP-4

D File: ID7PCB::G5
itle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.08	1823	471860M	.970	ug/L	
11)	#Aroclor-1242 Peak 1	10.45	3135	24602444	884.57	ug/L	100
12)	#Aroclor-1242 Peak 2	12.58	3773	21032336M	2730.89	ug/L	100
13)	#Aroclor-1242 Peak 3	13.02	3907	35346128M	3653.42	ug/L	
17)	#Aroclor-1254 Peak 1	14.22	4267	60018672M	5074.75	ug/L	
18)	#Aroclor-1254 Peak 2	15.23	4570	34268248M	2872.70	ug/L	
19)	#Aroclor-1254 Peak 3	16.72	5015	40625736M	4514.65	ug/L	
23)	#DCB	28.99	8698	710240M	1.17	ug/L	100

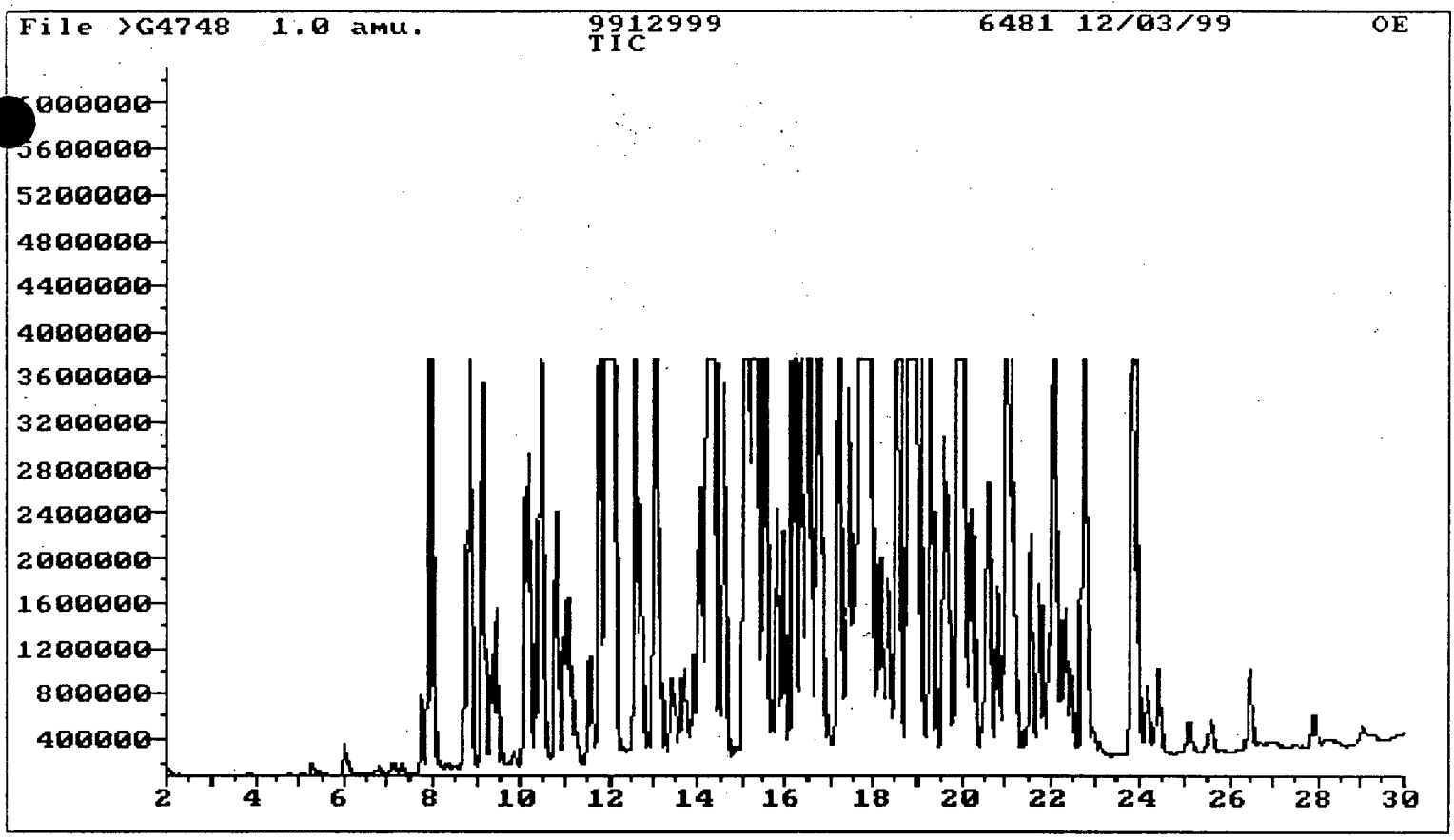
Compound uses ESTD



Data File: >G4748::G4 Quant Output File: ^G4748::QT
Name: 9912999 Instrument ID: G
Misc: 6481 12/03/99 OE SP-4

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 07:55
Injected at: 991208 05:16


File >G4748 1.0 amu.
9912999
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6481 12/03/99
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2000000
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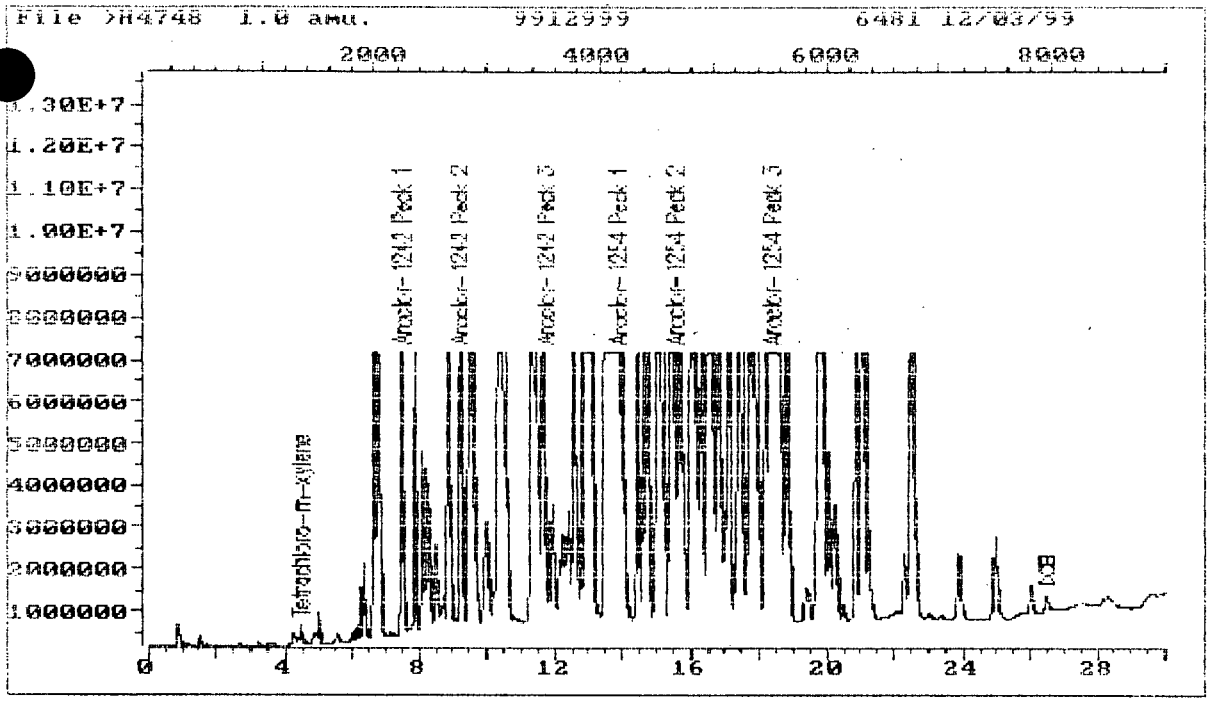
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 09:05
put File: ^H4748::QT Injected at: 991208 05:53
ata File: >H4748::G4 Dilution Factor: 1.00000
ame: 9912999 Instrument ID: H
isc: 6481 12/03/99 OE SP-4

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.46	1337	1767996	1.25	ug/L	100
11)	#Aroclor-1242 Peak 1	7.46	2237	45631048M	1234.68	ug/L	100
12)	#Aroclor-1242 Peak 2	9.18	2753	48671136M	582.47	ug/L	100
13)	#Aroclor-1242 Peak 3	11.72	3515	55082888M	2203.75	ug/L	100
17)	#Aroclor-1254 Peak 1	13.87	4161	.224E+09M	7016.61	ug/L	
18)	#Aroclor-1254 Peak 2	15.53	4660	81496336M	1248.10	ug/L	100
19)	#Aroclor-1254 Peak 3	18.37	5512	.149E+09M	1037.44	ug/L	
23)	#DCB	26.48	7943	2371288M	1.34	ug/L	100

Compound uses ESTD



Data File: >H4748::G4 Quant Output File: ^H4748::QT
Name: 9912999 Instrument ID: H
Misc: 6481 12/03/99 OE SP-4

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

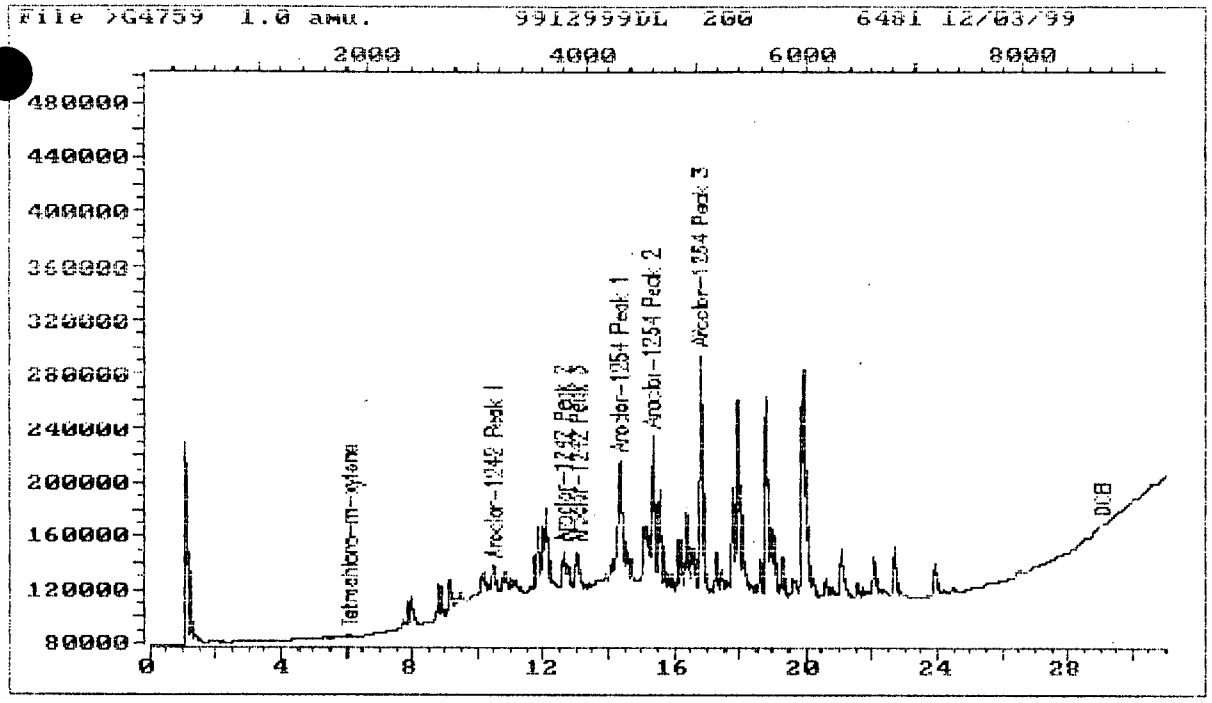
Operator ID: JEFF
Quant Time : 991208 09:05
Injected at: 991208 05:53

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 17:33
eput File: ^G4759::QT Injected at: 991208 16:58
ata File: >G4759::G4 Dilution Factor: 1.00000
ame: 9912999DL 200 Instrument ID: G
isc: 6481 12/03/99 OE SP-4

D File: ID7PCB::G5
itle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.08	1825	2289M	.00471	ug/L	
11)	#Aroclor-1242 Peak 1	10.47	3142	139356	5.01	ug/L	100
12)	#Aroclor-1242 Peak 2	12.57	3771	155901	20.24	ug/L	100
13)	#Aroclor-1242 Peak 3	13.03	3908	271114	28.02	ug/L	100
17)	#Aroclor-1254 Peak 1	14.31	4292	801531	67.77	ug/L	100
18)	#Aroclor-1254 Peak 2	15.28	4584	557112	46.70	ug/L	100
19)	#Aroclor-1254 Peak 3	16.77	5030	1162159	129.15	ug/L	100
23)	#DCB	29.02	8706	972M	.00160	ug/L	

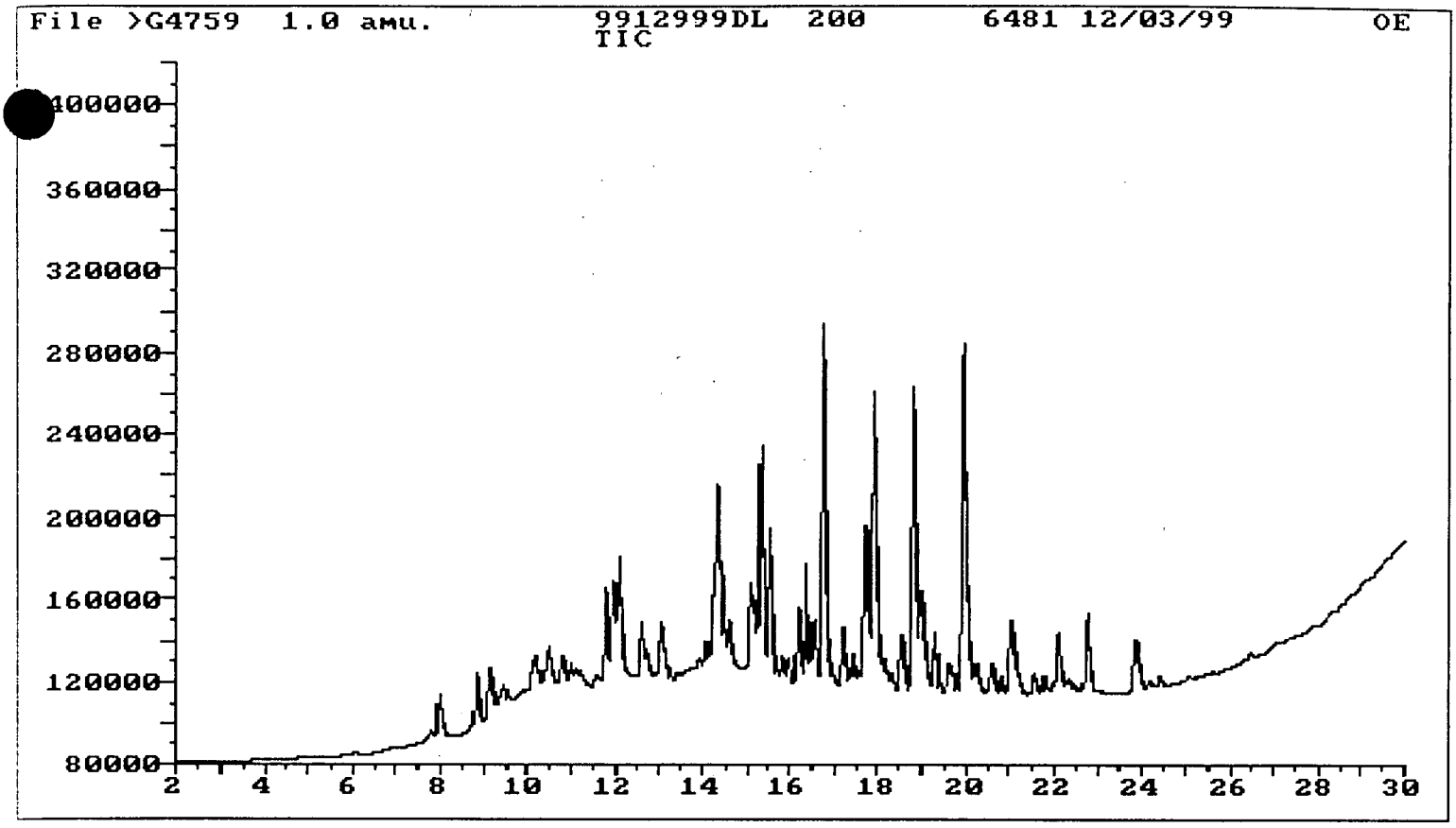
Compound uses ESTD



Data File: >G4759::G4 Quant Output File: ^G4759::QT
Name: 9912999DL 200 Instrument ID: G
Misc: 6481 12/03/99 OE SP-4

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 17:33
Injected at: 991208 16:58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6481 12/03/99
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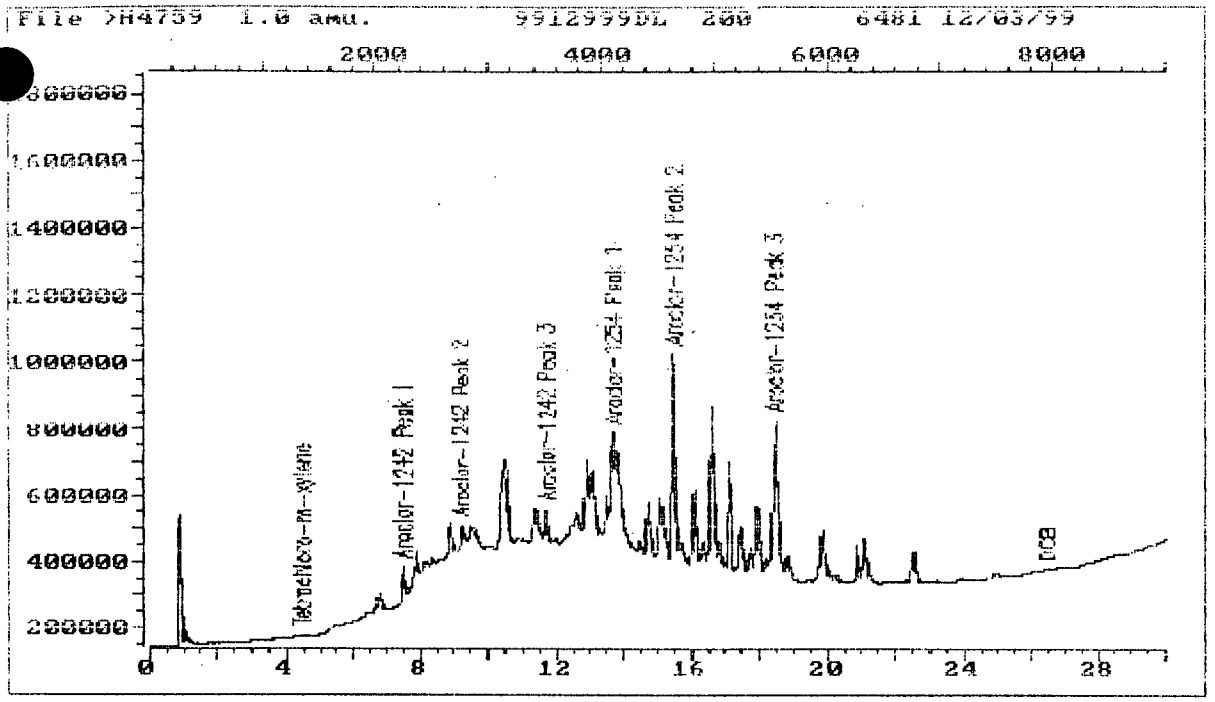
ator ID: JEFF Quant Rev: 7 Quant Time: 991208 18:09
put File: ^H4759::QT Injected at: 991208 17:36
ata File: >H4759::G4 Dilution Factor: 1.00000
me: 9912999DL 200 Instrument ID: H
isc: 6481 12/03/99 OE SP-4

File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.47	1340	9196M	.00652	ug/L	
11)	#Aroclor-1242 Peak 1	7.44	2232	935593	25.32	ug/L	100
12)	#Aroclor-1242 Peak 2	9.18	2753	351249	4.20	ug/L	100
13)	#Aroclor-1242 Peak 3	11.69	3506	610013	24.41	ug/L	100
17)	#Aroclor-1254 Peak 1	13.67	4101	1113171	34.95	ug/L	100
18)	#Aroclor-1254 Peak 2	15.46	4638	3724265	57.04	ug/L	100
19)	#Aroclor-1254 Peak 3	18.44	5532	3935446	27.41	ug/L	100
33)	#DCB	26.48	7944	8679M	.00492	ug/L	

Compound uses ESTD



Data File: >H4759::G4 Quant Output File: ^H4759::QT
Name: 9912999DL 200 Instrument ID: H
Misc: 6481 12/03/99 OE SP-4

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

Operator ID: JEFF
Quant Time : 991208 18:09
Injected at: 991208 17:36

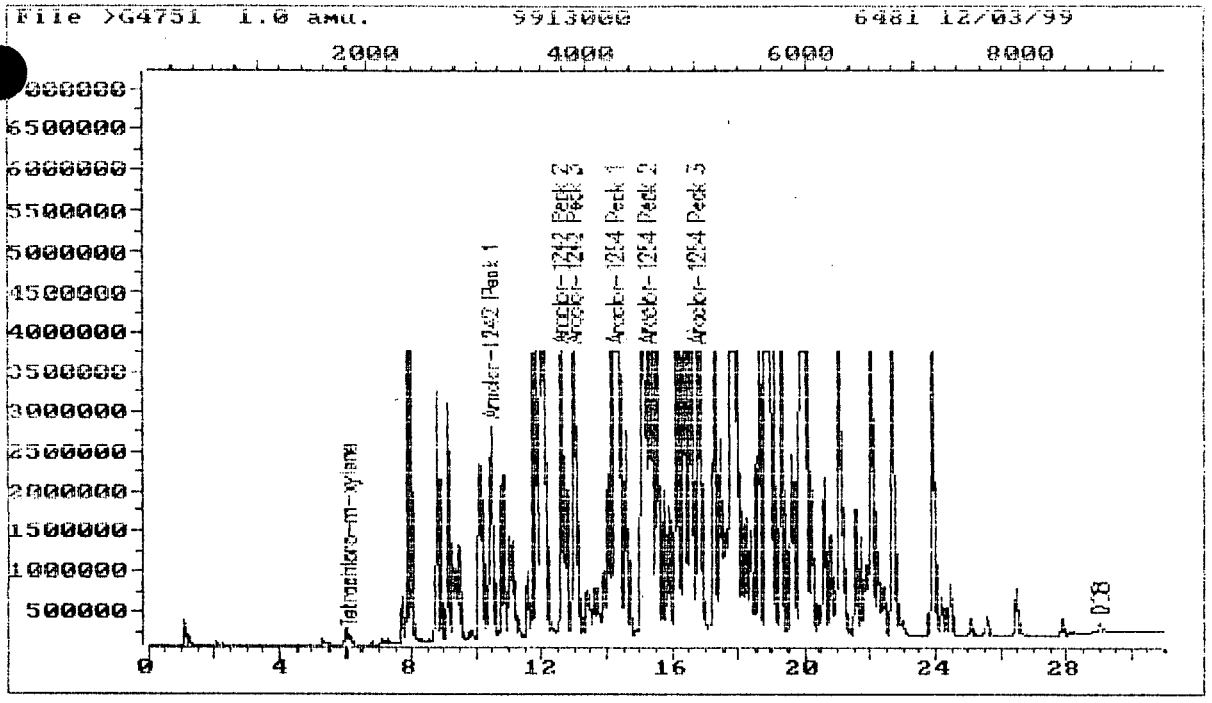
640

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 08:00
put File: ^G4751::QT Injected at: 991208 07:07
ata File: >G4751::G4 Dilution Factor: 1.00000
ame: 9913000 Instrument ID: G
isc: 6481 12/03/99 OE SP-5

D File: ID7PCB::G5
itle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.08	1824	442787M	.910	ug/L	
11)	#Aroclor-1242 Peak 1	10.44	3133	19965436	717.85	ug/L	100
12)	#Aroclor-1242 Peak 2	12.56	3769	17990348	2335.91	ug/L	100
13)	#Aroclor-1242 Peak 3	13.01	3903	32159232M	3324.02	ug/L	
17)	#Aroclor-1254 Peak 1	14.26	4277	59212128M	5006.56	ug/L	
18)	#Aroclor-1254 Peak 2	15.23	4568	33667504M	2822.34	ug/L	
19)	#Aroclor-1254 Peak 3	16.72	5017	40119208M	4458.36	ug/L	
23)	#DCB	28.99	8698	549779	.902	ug/L	100

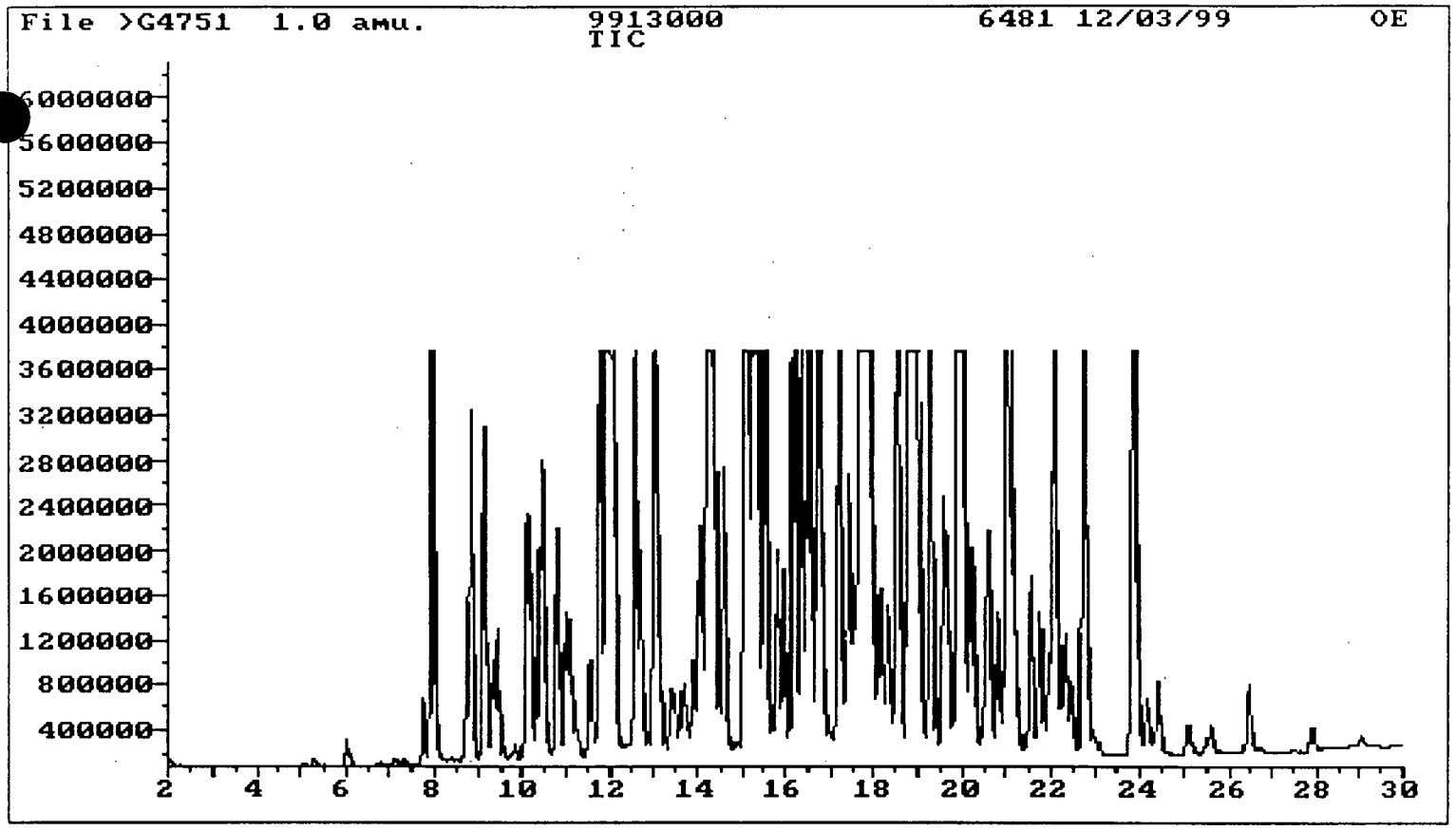
Compound uses ESTD



Data File: >G4751::G4 Quant Output File: ^G4751::QT
Name: 9913000 Instrument ID: G
Misc: 6481 12/03/99 OE SP-5

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 08:00
Injected at: 991208 07:07

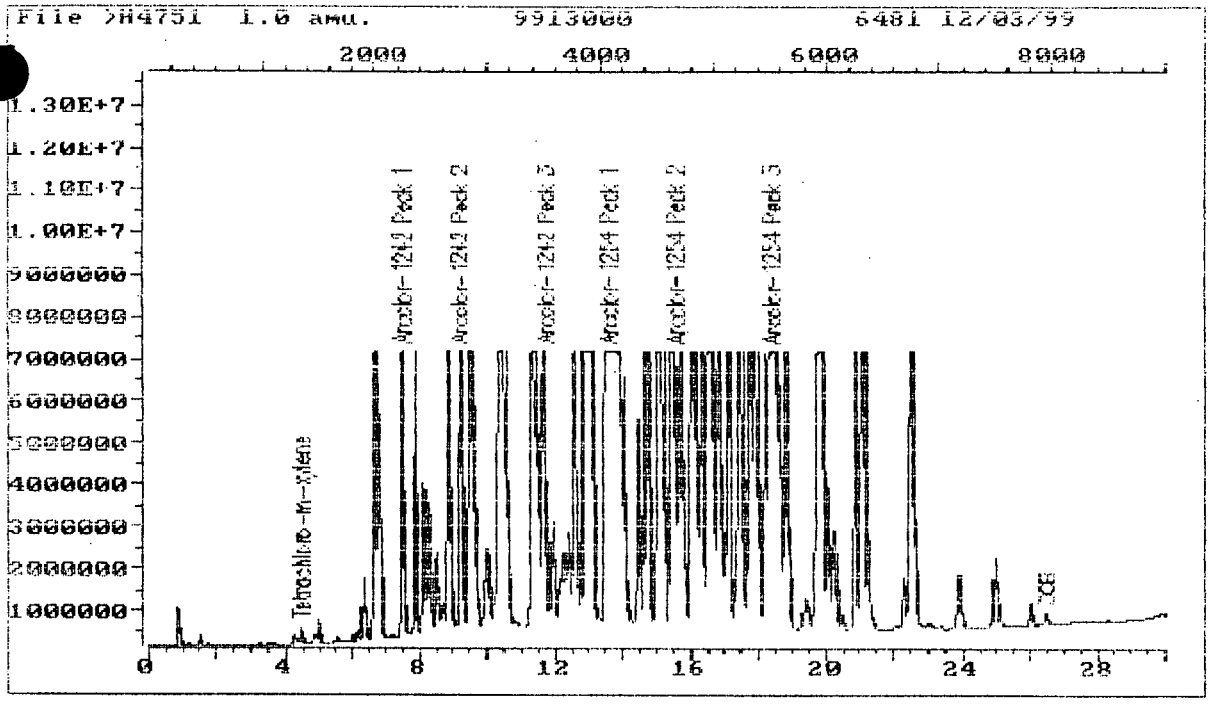

File >G4751 1.0 amu.
9913000
TIC
6481 12/03/99
OE
6000000
5600000
5200000
4800000
4400000
4000000
3600000
3200000
2800000
2400000
2000000
1600000
1200000
800000
400000
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30

rator ID: JEFF Quant Rev: 7 Quant Time: 991208 09:10
put File: ^H4751::QT Injected at: 991208 07:44
ata File: >H4751::G4 Dilution Factor: 1.00000
ame: 9913000 Instrument ID: H
isc: 6481 12/03/99 OE SP-5

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.46	1338	1407630	.998	ug/L	100
11)	#Aroclor-1242 Peak 1	7.46	2238	41860608M	1132.66	ug/L	100
12)	#Aroclor-1242 Peak 2	9.17	2751	46028264M	550.84	ug/L	100
13)	#Aroclor-1242 Peak 3	11.72	3515	55118192M	2205.16	ug/L	100
17)	#Aroclor-1254 Peak 1	13.56	4068	.226E+09M	7085.76	ug/L	
18)	#Aroclor-1254 Peak 2	15.53	4660	82687728M	1266.34	ug/L	100
19)	#Aroclor-1254 Peak 3	18.39	5518	.119E+09M	831.45	ug/L	
23)	#DCB	26.48	7944	1996401	1.13	ug/L	100

Compound uses ESTD



Data File: >H4751::G4 Quant Output File: ^H4751::QT
Name: 9913000 Instrument ID: H
Misc: 6481 12/03/99 OE SP-5

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

Operator ID: JEFF
Quant Time : 991208 09:10
Injected at: 991208 07:44

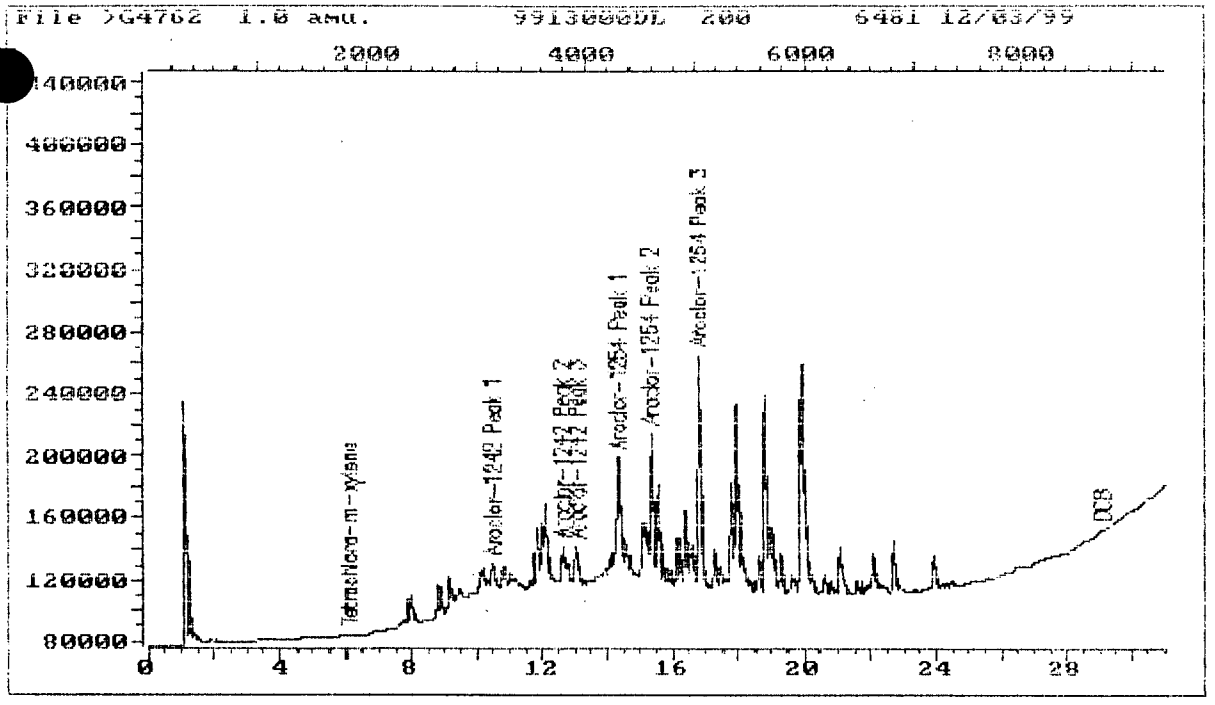
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 19:24
put File: ^G4762::QT Injected at: 991208 18:51
ata File: >G4762::G4 Dilution Factor: 1.00000
ame: 9913000DL 200 Instrument ID: G
isc: 6481 12/03/99 OE SP-5

D File: ID7PCB::G5
itle: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
ast Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	6.08	1825	1270M	.00261	ug/L	
11)	#Aroclor-1242 Peak 1	10.47	3142	119232	4.29	ug/L	100
12)	#Aroclor-1242 Peak 2	12.57	3770	133331	17.31	ug/L	100
13)	#Aroclor-1242 Peak 3	13.02	3907	235761	24.37	ug/L	100
17)	#Aroclor-1254 Peak 1	14.30	4291	659098	55.73	ug/L	100
18)	#Aroclor-1254 Peak 2	15.28	4583	473947	39.73	ug/L	100
19)	#Aroclor-1254 Peak 3	16.77	5030	1003247	111.49	ug/L	100
23)	#DCB	29.04	8711	3230M	.00530	ug/L	

Compound uses ESTD

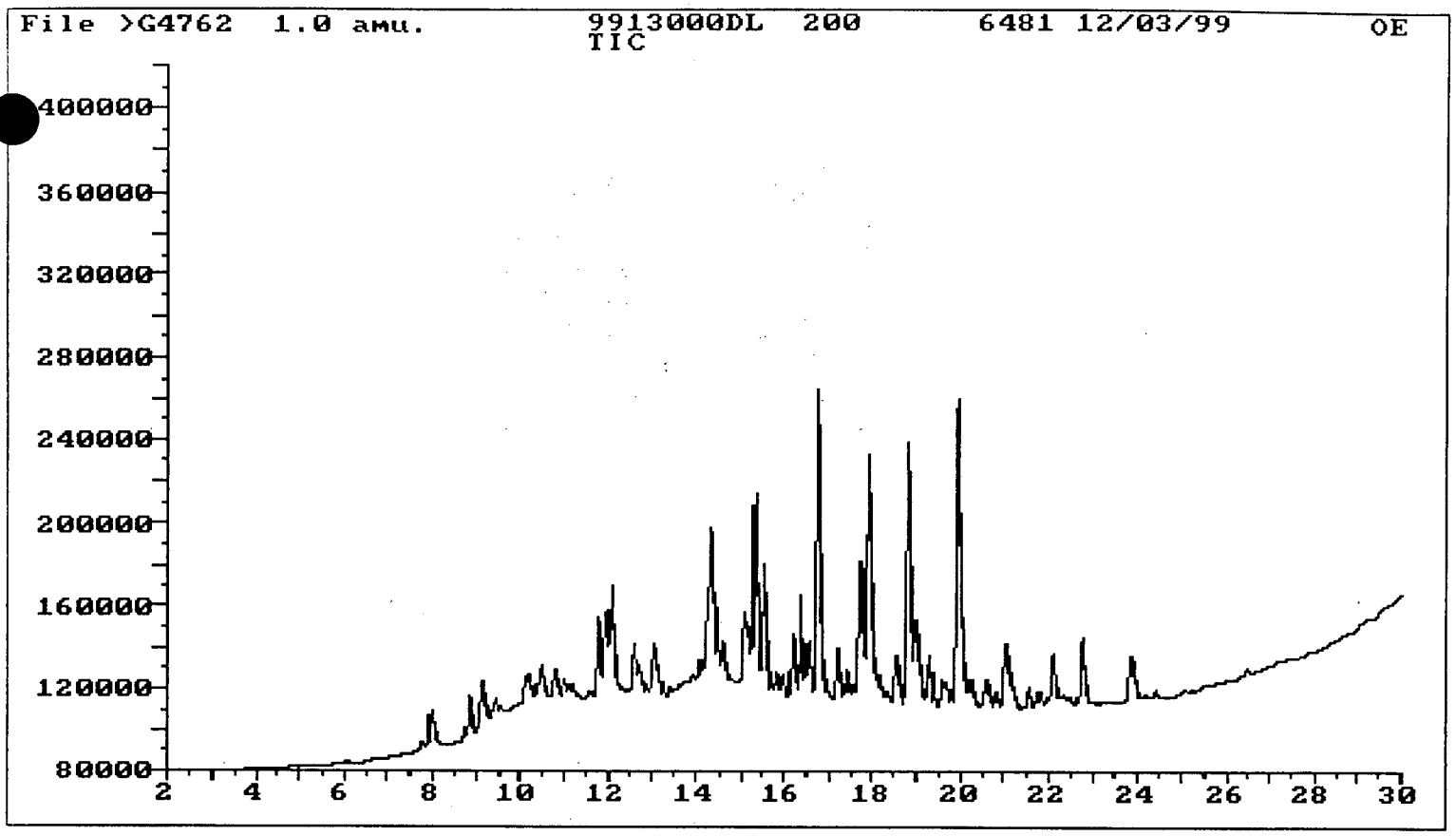
646



Data File: >G4762::G4 Quant Output File: ^G4762::QT
Name: 9913000DL 200 Instrument ID: G
Misc: 6481 12/03/99 OE SP-5

Id File: ID7PCB::G5
Title: PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 990930 11:54 Last Qcal Time: 991207 17:33

Operator ID: JEFF
Quant Time : 991208 19:24
Injected at: 991208 18:51


File >G4762 1.0 amu.
9913000DL 200
TIC
6481 12/03/99
OE
400000
360000
320000
280000
240000
200000
160000
120000
80000
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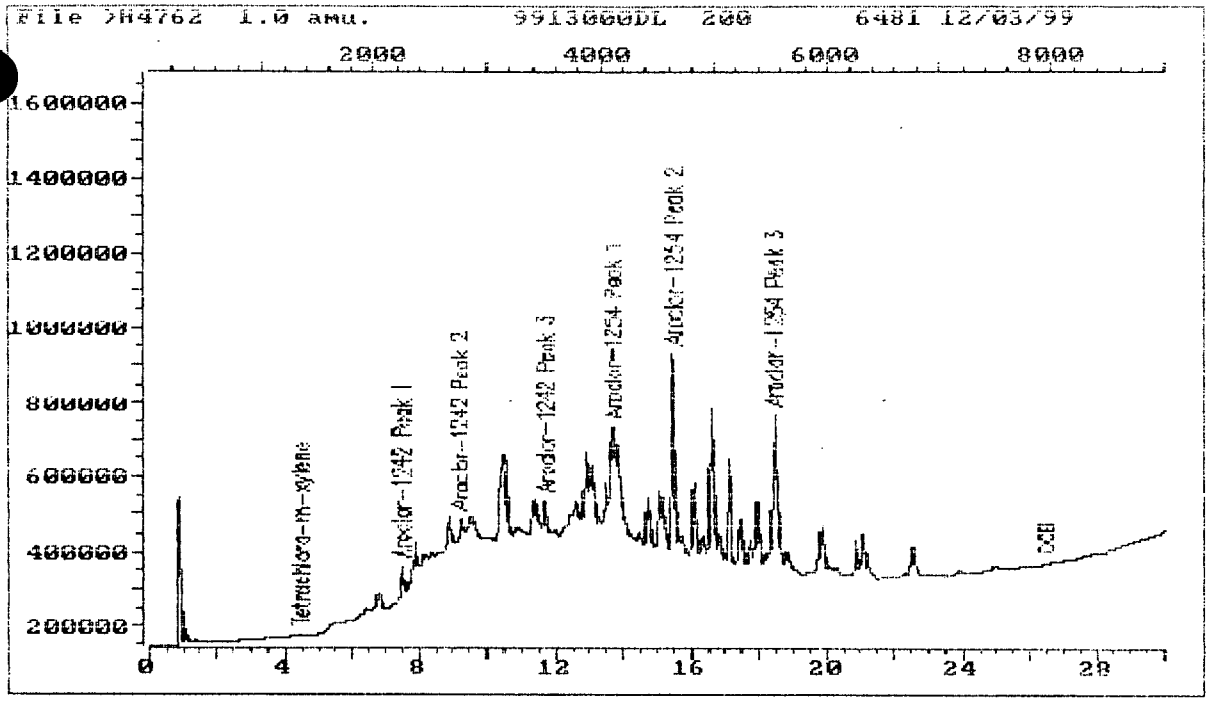
rator ID: JEFF Quant Rev: 7 Quant Time: 991208 20:01
eput File: ^H4762::QT Injected at: 991208 19:28
ata File: >H4762::G4 Dilution Factor: 1.00000
ame: 9913000DL 200 Instrument ID: H
isc: 6481 12/03/99 OE SP-5

D File: ID8PCB::G5
itle: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
ast Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Tetrachloro-m-xylene	4.47	1340	8256M	.00585	ug/L	
11)	#Aroclor-1242 Peak 1	7.44	2233	817778	22.13	ug/L	100
12)	#Aroclor-1242 Peak 2	9.18	2753	157356	1.88	ug/L	100
13)	#Aroclor-1242 Peak 3	11.69	3507	518750	20.75	ug/L	100
17)	#Aroclor-1254 Peak 1	13.67	4102	859580	26.98	ug/L	100
18)	#Aroclor-1254 Peak 2	15.46	4639	3196354	48.95	ug/L	100
19)	#Aroclor-1254 Peak 3	18.44	5533	3447659	24.01	ug/L	100
23)	#DCB	26.49	7948	9364M	.00531	ug/L	

Compound uses ESTD



Data File: >H4762::G4 Quant Output File: ^H4762::QT
Name: 9913000DL 200 Instrument ID: H
Misc: 6481 12/03/99 OE SP-5

Id File: ID8PCB::G5
Title: PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 990930 11:58 Last Qcal Time: 991207 18:10

Operator ID: JEFF
Quant Time : 991208 20:01
Injected at: 991208 19:28

PROJECT ICP PREP. LOG

Notebook No. _____

Continued From Page _____

QC 991203 T

	PBL	916 E	100-100
	LCSW	916 E	⊥
CASE# 6481		9912996 E	50-100
		2996 E DE	
		2996 E SAE	
		2996 E SBE	
		2994 E	
6501		3076 E	
6510		3116 E	
6506		3088 E	
6481		~~2595~~ E 2995 E	
12-07-99			
	PBL	917 E	100-100
	LCSW	917 E	⊥
CASE# 6522		9913206 E	50-100
6523		3207 E	
6524		3208 E	
6525		3211 E	
12-10-99			
	PBL	918 E	100-100
	LCSW	918 E	⊥
CASE# 6574		9913456	50-100

Continued on Page 651

Read and Understood By

Signed	Date	Signed	Date
L.R	12-03-99		

Begin time / tempt 0800 / 90
Initial time / tempt 0830 / 95 °C
End time / tempt 1030 / 95 °C

PBL 915 E	100 ml	
LCSW 915 E	100	
991 3006 E	50 - 100	
3007 E	↓	
3029 E		
3040 E		
PBS 1533	0.250 - 100	
LCSS 1533	0.250	
991 2970	0.285	
3005	0.300	
PBW 1664	100 ml	
LCSW 1664		
991 3012		
3012D		
3012SA		
3012SB		
3014		
3016		
PBS 1534	0.250 - 100	
LCSS 1534	0.250	
991 3081	0.257	
3081D	0.250	

991 3081T	0.250 - 100	
3081SA	0.250	
3081SB	0.260	
3081C	0.280	
3055	100 ml	
3056	1.18	
3057	1.03	
3058	1.10	
3059	0.300	
3060	1.20	
3061	1.10	
3062	1.20	
3063	0.360	
3064	0.360	
3065	0.250	
3066	0.320	
3067	1.20	
3068	0.30	
3039	0.29	

PBL 916 E	100	
LCSW 916 E	100	
991 2996 E	50 - 100	
2996DE	↓	
2996SAE		
2996SBE		
2994E		
3076E		
3116E		
3088E		
2995E	10 - 100	

STANDARDS

ppb	ml Hg	ml DI H_2O
0	0	↑
0.5	0.5	
1.0	1.0	100 ml
2.0	2.0	100 ppb
4.0	4.0	
5.0	5.0	
10.0	10	↓

Continued on Page 652

Read and Understood By

Signed — Date 12/03/99 — Signed — Date

OJECT ICP RUN

Continued From Page

12/0991 - 99007V

ICV/ICB/ICSA/ICSAB
PBL 916E
LCSW 916E
991 2996E
991 2996DE
991 2996SAE
991 2996SBE
991 2994E
WASH (2X)
CCV/CCB 991 2995E
WASH (2X)
PBS 1542
LCSS 1542
991 3457
3458
PBL 918E
LCSW 918E
WASH
991 3456E
WASH (2X)
CCV/CCB/ICSA/ICSAB
PBW 1668
LCSW 1668
991 3488
3463
3465
3464
WASH
CCV/CCB/ICSA/ICSAB

Continued on Page 653

Read and Understood By

Signed [signature] Date 12/10/99 Signed Date

Folder: DEC99 Page

:49:59 10 Dec 1999 Protocol: ROLLY Accredited Labs Inc.

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 538		13:18:18 10 Dec 1999 ICP		
Al3	.000	PPB		9545	6884	9527		
			Ave. Int. =	9319	S. D. =	377		
Sb1	.000	PPB		1146	1116	296		
			Ave. Int. =	853	S. D. =	482		
As2	.000	PPB		1344	1383	52		
			Ave. Int. =	926	S. D. =	757		
Ba1	.000	PPB		3101	3854	3746		
			Ave. Int. =	3567	S. D. =	407		
Be1	.000	PPB		8321	7639	7374		
			Ave. Int. =	7778	S. D. =	489		
Cd3	.000	PPB		-1140	-707	-930		
			Ave. Int. =	-926	S. D. =	217		
Ca3	.000	PPB		-3632	-3964	-4298		
			Ave. Int. =	-3965	S. D. =	333		
Cr5	.000	PPB		620	746	-680		
			Ave. Int. =	229	S. D. =	789		
Co1	.000	PPB		334	83	-723		
			Ave. Int. =	-102	S. D. =	552		
[illegible]1	.000	PPB		25829	28244	27265		
			Ave. Int. =	27113	S. D. =	1215		
Fe2	.000	PPB		5795	5721	5901		
			Ave. Int. =	5806	S. D. =	90		
Pb1	.000	PPB		-996	479	-1779		
			Ave. Int. =	-765	S. D. =	1147		
Mo4	.000	PPB		11966	6368	10051		
			Ave. Int. =	9462	S. D. =	2845		
Mn1	.000	PPB		4658	4124	3847		
			Ave. Int. =	4210	S. D. =	412		
Mo1	.000	PPB		-474	-495	1442		
			Ave. Int. =	158	S. D. =	1112		
Ni3	.000	PPB		-5035	-7019	-6252		
			Ave. Int. =	-6102	S. D. =	1000		
K 1	.000	PPB		-329	-420	-397		
			Ave. Int. =	-382	S. D. =	47		
Se1	.000	PPB		1158	2284	2008		
			Ave. Int. =	1817	S. D. =	587		
Ag1	.000	PPB		6897	6592	2667		
			Ave. Int. =	5385	S. D. =	2359		
Na1	.000	PPB		-63927	-62052	-64269		
			Ave. Int. =	-63416	S. D. =	1194		
Tl1	.000	PPB		-784	-1750	1296		
			Ave. Int. =	-413	S. D. =	1557		
Ti2	.000	PPB		25576	25976	24933		
			Ave. Int. =	25495	S. D. =	526		
[illegible]3	.000	PPB		11702	9312	5951		
			Ave. Int. =	8988	S. D. =	2889		

654

ne	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 Seq: 538 13:18:18 10 Dec 1999 ICP

Zn1	.000	PPB	-429	-617	581			

Ave. Int. = -155 S. D. = 644

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 2			Seq: 539	13:19:49 10 Dec 1999 ICP				
Al3	.000	PPB		9005	8865	9286		
			Ave. Int. =	9052	S. D. =	214		
Sb1	.000	PPB		716	517	1921		
			Ave. Int. =	1051	S. D. =	760		
As2	.000	PPB		2454	579	2084		
			Ave. Int. =	1706	S. D. =	993		
Ba1	.000	PPB		3368	4688	3978		
			Ave. Int. =	4011	S. D. =	661		
Be1	.000	PPB		6965	8761	7764		
			Ave. Int. =	7830	S. D. =	900		
Cd3	.000	PPB		-1034	-1068	-1106		
			Ave. Int. =	-1069	S. D. =	36		
Ca3	.000	PPB		-4997	-4699	-3300		
			Ave. Int. =	-4332	S. D. =	906		
Cr5	.000	PPB		358	458	530		
			Ave. Int. =	449	S. D. =	86		
Co1	.000	PPB		645	169	-223		
			Ave. Int. =	197	S. D. =	435		
Cu1	.000	PPB		28992	24760	24417		
			Ave. Int. =	26056	S. D. =	2548		
Fe2	.000	PPB		6409	4967	6303		
			Ave. Int. =	5893	S. D. =	804		
Pb1	.000	PPB		-1313	-2018	-1665		
			Ave. Int. =	-1665	S. D. =	353		
Mg4	.000	PPB		10006	11558	9001		
			Ave. Int. =	10188	S. D. =	1288		
Mn1	.000	PPB		3266	4406	3999		
			Ave. Int. =	3890	S. D. =	578		
Mo1	.000	PPB		325	-817	823		
			Ave. Int. =	110	S. D. =	841		
Ni3	.000	PPB		-4869	-2895	-6173		
			Ave. Int. =	-4646	S. D. =	1650		
K 1	.000	PPB		-42	-257	-364		
			Ave. Int. =	-221	S. D. =	164		
Se1	.000	PPB		1883	1439	1700		
			Ave. Int. =	1674	S. D. =	223		
Ag1	.000	PPB		5532	1346	-1164		
			Ave. Int. =	1905	S. D. =	3383		
Na1	.000	PPB		-65688	-65345	-60991		
			Ave. Int. =	-64008	S. D. =	2618		
Tl1	.000	PPB		-1282	-2130	-1205		
			Ave. Int. =	-1539	S. D. =	513		
Ti2	.000	PPB		24755	26552	24815		
			Ave. Int. =	25374	S. D. =	1021		
V 3	.000	PPB		9586	4311	7651		
			Ave. Int. =	7183	S. D. =	2669		

Ine	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rec: 2 Seq: 539 13:19:49 10 Dec 1999 ICP

Zn1	.000	PPB	751		2578	-33		

Ave. Int. = 1099 S. D. = 1340

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 3 Seq: 540 13:21:21 10 Dec 1999 ICP

Al3	.000	PPB	7938	9773	9277			
			Ave. Int. =	8996	S. D. =	949		
Sb1	.000	PPB	1477	1069	1477			
			Ave. Int. =	1341	S. D. =	236		
As2	.000	PPB	781	3535	374			
			Ave. Int. =	1563	S. D. =	1720		
Ba1	.000	PPB	3791	3582	4754			
			Ave. Int. =	4042	S. D. =	625		
Be1	.000	PPB	6106	7168	7562			
			Ave. Int. =	6945	S. D. =	753		
Cd3	.000	PPB	-564	-1520	-504			
			Ave. Int. =	-863	S. D. =	570		
Ca3	.000	PPB	-4306	-5438	-4350			
			Ave. Int. =	-4698	S. D. =	641		
Cr3	.000	PPB	323	1610	603			
			Ave. Int. =	845	S. D. =	677		
Co1	.000	PPB	-748	52	652			
			Ave. Int. =	-15	S. D. =	702		
Cu1	.000	PPB	21836	24824	25449			
			Ave. Int. =	24036	S. D. =	1931		
Fe2	.000	PPB	2455	6057	4265			
			Ave. Int. =	4259	S. D. =	1801		
Pb1	.000	PPB	-1063	-29	-1506			
			Ave. Int. =	-866	S. D. =	758		
Mg4	.000	PPB	8175	6891	5204			
			Ave. Int. =	6757	S. D. =	1490		
Mn1	.000	PPB	4462	5011	3639			
			Ave. Int. =	4371	S. D. =	691		
Mo1	.000	PPB	-274	-492	-162			
			Ave. Int. =	-309	S. D. =	168		
Ni3	.000	PPB	-3856	-5730	-6437			
			Ave. Int. =	-5341	S. D. =	1334		
K 1	.000	PPB	-199	-313	-671			
			Ave. Int. =	-394	S. D. =	246		
Se1	.000	PPB	1410	1347	1648			
			Ave. Int. =	1468	S. D. =	159		
Ag1	.000	PPB	822	5153	1934			
			Ave. Int. =	2636	S. D. =	2249		
Na1	.000	PPB	-63043	-63651	-64939			
			Ave. Int. =	-63878	S. D. =	968		
Tl1	.000	PPB	-829	-84	-1105			
			Ave. Int. =	-673	S. D. =	528		
Ti2	.000	PPB	24651	27169	24246			
			Ave. Int. =	25355	S. D. =	1584		
V 3	.000	PPB	10060	8710	2558			
			Ave. Int. =	7109	S. D. =	3999		

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 3			Seq: 540		13:21:21 10 Dec 1999 ICP			
Zn1	.000	PPB	879	1492	-182			
			Ave. Int. =	730	S. D. =	847		
*** Standard: 3 Rep: 1			Seq: 541		13:25:26 10 Dec 1999 ICP			
Sb1	5000	PPB	61428	65238	63501			
			Ave. Int. =	63389	S. D. =	1907		
As2	5000	PPB	110794	114211	113696			
			Ave. Int. =	112900	S. D. =	1842		
Ba1	5000	PPB	2894222	2921092	2940369			
			Ave. Int. =	2918561	S. D. =	23177		
Be1	5000	PPB	37790193	38216814	38825926			
			Ave. Int. =	38277644	S. D. =	520539		
Cd3	5000	PPB	253793	254580	256527			
			Ave. Int. =	254967	S. D. =	1407		
Co1	5000	PPB	504825	509781	518014			
			Ave. Int. =	510873	S. D. =	6662		
Cu1	5000	PPB	5611311	5687052	5749839			
			Ave. Int. =	5682734	S. D. =	69365		
Pb1	5000	PPB	55749	55969	56815			
			Ave. Int. =	56178	S. D. =	563		
Mn1	5000	PPB	3739934	3785784	3811480			
			Ave. Int. =	3779066	S. D. =	36243		
Mo1	5000	PPB	170936	175989	178873			
			Ave. Int. =	175266	S. D. =	4018		
Ni3	5000	PPB	747159	755851	761563			
			Ave. Int. =	754858	S. D. =	7253		
K 1	10000	PPB	5600	5513	5769			
			Ave. Int. =	5627	S. D. =	130		
Se1	5000	PPB	34176	35784	36629			
			Ave. Int. =	35530	S. D. =	1246		
Ag1	500.	PPB	269890	274662	279062			
			Ave. Int. =	274538	S. D. =	4587		
Na1	10000	PPB	82031	83452	84565			
			Ave. Int. =	83349	S. D. =	1270		
Tl1	5000	PPB	9370	7670	10229			
			Ave. Int. =	9090	S. D. =	1302		
Ti2	5000	PPB	6408918	6473617	6536419			
			Ave. Int. =	6472985	S. D. =	63753		
Zn1	5000	PPB	282460	284940	285837			
			Ave. Int. =	284412	S. D. =	1749		

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 3 Rep: 2				Seq: 542		13:26:58 10 Dec 1999 ICP		
Sb1	5000	PPB		64755	64682	64764		
			Ave. Int. =	64734	S. D. =	45		
As2	5000	PPB		115611	108607	110019		
			Ave. Int. =	111412	S. D. =	3704		
Ba1	5000	PPB		2903239	2883437	2902777		
			Ave. Int. =	2896484	S. D. =	11302		
Be1	5000	PPB		38126264	37474525	37931748		
			Ave. Int. =	37844179	S. D. =	334578		
Cd3	5000	PPB		253130	254317	254666		
			Ave. Int. =	254038	S. D. =	805		
Co1	5000	PPB		516751	505028	513116		
			Ave. Int. =	511632	S. D. =	6001		
Cu1	5000	PPB		5658120	5574487	5623671		
			Ave. Int. =	5618759	S. D. =	42032		
Pb1	5000	PPB		55440	55041	56421		
			Ave. Int. =	55634	S. D. =	710		
Mn1	5000	PPB		3773954	3750601	3779841		
			Ave. Int. =	3768132	S. D. =	15465		
Mo1	5000	PPB		176155	178489	181531		
			Ave. Int. =	178725	S. D. =	2696		
Ni3	5000	PPB		752402	746625	755615		
			Ave. Int. =	751547	S. D. =	4556		
K 1	10000	PPB		5064	5168	5889		
			Ave. Int. =	5374	S. D. =	449		
Se1	5000	PPB		35576	34528	34716		
			Ave. Int. =	34940	S. D. =	559		
Ag1	500.	PPB		274922	268589	276338		
			Ave. Int. =	273283	S. D. =	4126		
Na1	10000	PPB		78685	73396	78972		
			Ave. Int. =	77018	S. D. =	3140		
Tl1	5000	PPB		9455	8367	10836		
			Ave. Int. =	9553	S. D. =	1237		
Ti2	5000	PPB		6458545	6382679	6454117		
			Ave. Int. =	6431780	S. D. =	42581		
Zn1	5000	PPB		283195	279467	280499		
			Ave. Int. =	281054	S. D. =	1925		

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 3 Rep: 3				Seq: 543		13:28:29 10 Dec 1999 ICP		
Sb1	5000	PPB		64664	65770	66329		
			Ave. Int. =	65589	S. D. =	847		
As2	5000	PPB		113252	114060	114138		
			Ave. Int. =	113817	S. D. =	491		
Ba1	5000	PPB		2923488	2965953	2966894		
			Ave. Int. =	2952112	S. D. =	24793		
Be1	5000	PPB		38139315	38786856	38570362		
			Ave. Int. =	38498844	S. D. =	329641		
Cd3	5000	PPB		257024	254853	258891		
			Ave. Int. =	256923	S. D. =	2021		
Co1	5000	PPB		513629	517922	523081		
			Ave. Int. =	518211	S. D. =	4733		
Cu1	5000	PPB		5659937	5752324	5733435		
			Ave. Int. =	5715232	S. D. =	48809		
Pb1	5000	PPB		57004	56862	57674		
			Ave. Int. =	57180	S. D. =	434		
Mn1	5000	PPB		3806811	3846957	3868713		
			Ave. Int. =	3840827	S. D. =	31403		
Mo1	5000	PPB		178650	181601	181111		
			Ave. Int. =	180454	S. D. =	1581		
Ni3	5000	PPB		754205	772075	766136		
			Ave. Int. =	764139	S. D. =	9101		
K 1	10000	PPB		5510	5866	5598		
			Ave. Int. =	5658	S. D. =	185		
Se1	5000	PPB		36892	34235	36784		
			Ave. Int. =	35970	S. D. =	1504		
Ag1	500.	PPB		278900	279849	276641		
			Ave. Int. =	278463	S. D. =	1648		
Na1	10000	PPB		80369	82904	84722		
			Ave. Int. =	82665	S. D. =	2186		
Tl1	5000	PPB		8745	8431	8460		
			Ave. Int. =	8545	S. D. =	174		
Ti2	5000	PPB		6489375	6569100	6584645		
			Ave. Int. =	6547707	S. D. =	51111		
Zn1	5000	PPB		285131	288642	286666		
			Ave. Int. =	286813	S. D. =	1760		

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 4 Rep: 1				Seq: 544		13:32:34 10 Dec 1999 ICP		
Sb1	10000	PPB		126287	128366	130418		
			Ave. Int. =	128357	S. D. =	2066		
As2	10000	PPB		221223	224602	225303		
			Ave. Int. =	223709	S. D. =	2182		
Ba1	10000	PPB		5810122	5926967	5905092		
			Ave. Int. =	5880727	S. D. =	62116		
Be1	10000	PPB		75389990	76790748	76553003		
			Ave. Int. =	76244580	S. D. =	749583		
Cd3	10000	PPB		511049	520961	521390		
			Ave. Int. =	517800	S. D. =	5850		
Co1	10000	PPB		1029766	1043187	1034614		
			Ave. Int. =	1035856	S. D. =	6796		
Cu1	10000	PPB		11225504	11439424	11395399		
			Ave. Int. =	11353442	S. D. =	112963		
Pb1	10000	PPB		115619	115086	114345		
			Ave. Int. =	115017	S. D. =	640		
Mn1	10000	PPB		7620651	7748470	7718828		
			Ave. Int. =	7695983	S. D. =	66902		
Mo1	10000	PPB		349793	358997	362344		
			Ave. Int. =	357045	S. D. =	6499		
Ni3	10000	PPB		1510970	1536668	1526677		
			Ave. Int. =	1524772	S. D. =	12955		
K 1	20000	PPB		11377	12088	11987		
			Ave. Int. =	11817	S. D. =	385		
Se1	10000	PPB		70598	72555	73552		
			Ave. Int. =	72235	S. D. =	1503		
Ag1	1000	PPB		518670	526409	524136		
			Ave. Int. =	523072	S. D. =	3978		
Na1	20000	PPB		220785	234071	230192		
			Ave. Int. =	228349	S. D. =	6832		
Tl1	10000	PPB		20414	21103	19912		
			Ave. Int. =	20476	S. D. =	598		
Ti2	10000	PPB		12789355	13033286	13005848		
			Ave. Int. =	12942830	S. D. =	133619		
Zn1	10000	PPB		557025	565382	565085		
			Ave. Int. =	562497	S. D. =	4742		

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 4 Rep: 2				Seq: 545		13:34:07 10 Dec 1999 ICP		
Sb1	10000	PPB		132384	133374	137395		
			Ave. Int. =	134384	S. D. =	2654		
As2	10000	PPB		231892	233206	237686		
			Ave. Int. =	234261	S. D. =	3038		
Ba1	10000	PPB		6054830	6091467	6227560		
			Ave. Int. =	6124619	S. D. =	91012		
Be1	10000	PPB		79130704	79386614	80924003		
			Ave. Int. =	79813774	S. D. =	969964		
Cd3	10000	PPB		533476	536712	543929		
			Ave. Int. =	538039	S. D. =	5351		
Co1	10000	PPB		1065594	1069989	1095901		
			Ave. Int. =	1077161	S. D. =	16377		
Cu1	10000	PPB		11737107	11762256	12014976		
			Ave. Int. =	11838113	S. D. =	153683		
Pb1	10000	PPB		119006	118451	123388		
			Ave. Int. =	120282	S. D. =	2704		
Mn1	10000	PPB		7919230	7953736	8143145		
			Ave. Int. =	8005370	S. D. =	120557		
Mo1	10000	PPB		375635	372575	380681		
			Ave. Int. =	376297	S. D. =	4093		
Ni3	10000	PPB		1574725	1573048	1611287		
			Ave. Int. =	1586353	S. D. =	21609		
K 1	20000	PPB		11791	11817	11784		
			Ave. Int. =	11797	S. D. =	17		
Se1	10000	PPB		77618	76055	76602		
			Ave. Int. =	76758	S. D. =	793		
Ag1	1000	PPB		541278	539145	549552		
			Ave. Int. =	543325	S. D. =	5497		
Na1	20000	PPB		236509	239456	245355		
			Ave. Int. =	240440	S. D. =	4504		
Tl1	10000	PPB		21165	21252	22634		
			Ave. Int. =	21684	S. D. =	824		
Ti2	10000	PPB		13347906	13397678	13711366		
			Ave. Int. =	13485650	S. D. =	197054		
Zn1	10000	PPB		579526	581421	593140		
			Ave. Int. =	584696	S. D. =	7374		

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 4 Rep: 3				Seq: 546		13:35:37 10 Dec 1999 ICP		
Sb1	10000	PPB		140110	139725	139152		
			Ave. Int. =	139662	S. D. =	482		
As2	10000	PPB		236908	246292	240378		
			Ave. Int. =	241193	S. D. =	4745		
Ba1	10000	PPB		6281381	6422565	6276602		
			Ave. Int. =	6326849	S. D. =	82927		
Be1	10000	PPB		81644454	84164681	81906690		
			Ave. Int. =	82571942	S. D. =	1385571		
Cd3	10000	PPB		549893	569215	553879		
			Ave. Int. =	557662	S. D. =	10201		
Co1	10000	PPB		1102757	1128550	1108233		
			Ave. Int. =	1113180	S. D. =	13589		
Cu1	10000	PPB		12115898	12470240	12127194		
			Ave. Int. =	12237777	S. D. =	201398		
Pb1	10000	PPB		121208	124077	120562		
			Ave. Int. =	121949	S. D. =	1871		
Mn1	10000	PPB		8211123	8386931	8230814		
			Ave. Int. =	8276289	S. D. =	96323		
Mo1	10000	PPB		383235	394559	387099		
			Ave. Int. =	388298	S. D. =	5756		
Ni3	10000	PPB		1620037	1665128	1632584		
			Ave. Int. =	1639250	S. D. =	23273		
K 1	20000	PPB		12565	12432	12992		
			Ave. Int. =	12663	S. D. =	293		
Se1	10000	PPB		78542	80118	77979		
			Ave. Int. =	78880	S. D. =	1109		
Ag1	1000	PPB		560238	573058	560402		
			Ave. Int. =	564566	S. D. =	7355		
Na1	20000	PPB		253337	251090	246423		
			Ave. Int. =	250283	S. D. =	3527		
Tl1	10000	PPB		21828	22798	24836		
			Ave. Int. =	23154	S. D. =	1535		
Ti2	10000	PPB		13829251	14161753	13846510		
			Ave. Int. =	13945838	S. D. =	187187		
Zn1	10000	PPB		603430	615741	603072		
			Ave. Int. =	607414	S. D. =	7213		

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 5 Rep: 1				Seq: 547		13:39:41 10 Dec 1999 ICP		
Al3	10000	PPB		342755	341971	345431		
			Ave. Int. =	343386	S. D. =	1814		
Ca3	10000	PPB		2716816	2705437	2714415		
			Ave. Int. =	2712223	S. D. =	5998		
Cr5	10000	PPB		878410	878174	881889		
			Ave. Int. =	879491	S. D. =	2080		
Fe2	10000	PPB		4260487	4269689	4260121		
			Ave. Int. =	4263432	S. D. =	5422		
Mo4	10000	PPB		1034017	1029464	1034497		
			Ave. Int. =	1032659	S. D. =	2778		
V 3	10000	PPB		8853509	8840317	8896445		
			Ave. Int. =	8863424	S. D. =	29348		
*** Standard: 5 Rep: 2				Seq: 548		13:41:10 10 Dec 1999 ICP		
Al3	10000	PPB		352657	354459	348692		
			Ave. Int. =	351936	S. D. =	2950		
Ca3	10000	PPB		2766208	2768979	2745622		
			Ave. Int. =	2760270	S. D. =	12761		
Cr5	10000	PPB		903749	902916	892598		
			Ave. Int. =	899754	S. D. =	6212		
Fe2	10000	PPB		4364648	4351023	4313065		
			Ave. Int. =	4342912	S. D. =	26731		
Mo4	10000	PPB		1056187	1055188	1046985		
			Ave. Int. =	1052787	S. D. =	5049		
V 3	10000	PPB		9107750	9074254	8991133		
			Ave. Int. =	9057712	S. D. =	60042		
*** Standard: 5 Rep: 3				Seq: 549		13:42:39 10 Dec 1999 ICP		
Al3	10000	PPB		351682	352017	348913		
			Ave. Int. =	350871	S. D. =	1704		
Ca3	10000	PPB		2748112	2770065	2741604		
			Ave. Int. =	2753260	S. D. =	14913		
Cr5	10000	PPB		902789	902002	887202		
			Ave. Int. =	897331	S. D. =	8781		
Fe2	10000	PPB		4345092	4361245	4312162		
			Ave. Int. =	4339500	S. D. =	25015		
Mo4	10000	PPB		1051000	1054148	1041676		
			Ave. Int. =	1048941	S. D. =	6486		
V 3	10000	PPB		9059383	9045756	8970101		
			Ave. Int. =	9025080	S. D. =	48098		

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 3 Ck3ICVAB Seq: 571 14:38:07 10 Dec 1999 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Al3		106.	7970	7500	PPB	98.2
Sb1		105.	7910	7500	PPB	57.2
As2		99.2	7440	7500	PPB	89.1
Ba1		105.	7880	7500	PPB	21.8
Be1		101.	7550	7500	PPB	15.2
Cd3		102.	7690	7500	PPB	47.3
Ca3		94.7	7100	7500	PPB	42.7
Cr5		95.9	7190	7500	PPB	39.9
Co1		97.0	7270	7500	PPB	36.0
Cu1		107.	8010	7500	PPB	23.8
Fe2		95.0	7130	7500	PPB	26.3
Pb1		97.7	7330	7500	PPB	5.99
Mo4		93.1	6980	7500	PPB	14.9
Mn1		93.3	6990	7500	PPB	20.1
Mo1		100.	7500	7500	PPB	77.6
Ni3		99.3	7450	7500	PPB	27.7
K 1		97.7	14700	15000	PPB	103.
Se1		103.	7740	7500	PPB	567.
Ag1		97.1	728.	750.	PPB	8.52
Na1		104.	15600	15000	PPB	208.
Tl1		94.3	7070	7500	PPB	450.
Ti2		99.0	7420	7500	PPB	7.68
V 3		94.9	7120	7500	PPB	20.2
Zn1		101.	7550	7500	PPB	45.2

666

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB Seq: 572 14:42:16 10 Dec 1999 ICP

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Al3		62.6	200.	PPB	53.1
Sb1		49.0	100.	PPB	48.1
As2		69.7	1000	PPB	65.6
Ba1		1.09	30.0	PPB	.843
Be1		1.57	10.0	PPB	.925
Cd3		5.32	10.0	PPB	8.64
Ca3		30.7	1000	PPB	25.5
Cr5		10.0	30.0	PPB	5.01
Co1		-2.41	30.0	PPB	6.84
Cu1		5.84	25.0	PPB	1.74
Fe2		17.0	100.	PPB	8.00
Pb1		122.	250.	PPB	32.2
Mo4		14.3	1000	PPB	54.7
Mn1		.505	15.0	PPB	1.25
Mo1		40.6	100.	PPB	30.2
Ni3		.533	40.0	PPB	7.88
K 1		-72.8	2000	PPB	321.
Se1		22.4	500.	PPB	51.9
Ag1		-4.07	50.0	PPB	6.11
Na1		-7.64	1000	PPB	80.2
Tl1		-275.	300.	PPB	57.1
Ti2		3.36	100.	PPB	.379
V 3		-.902	50.0	PPB	4.08
Zn1		-6.38	100.	PPB	11.6

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 5 Ck5ICSA Seq: 573 14:46:23 10 Dec 1999 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Al3		103.	517000	500000	PPB	6140
Sb1		163.	163.	100.	PPB	40.3
As2		8.03	80.3	1000	PPB	50.5
Ba1		-1.54	-.462	30.0	PPB	.394
Be1		355.	35.5	10.0	PPB	.357
Cd3		844.	84.4	10.0	PPB	9.90
Ca3		104.	520000	500000	PPB	5310
Cr5		-11.9	-3.57	30.0	PPB	4.42
Co1		-10.9	-5.43	50.0	PPB	6.66
Cu1		-6.58	-1.64	25.0	PPB	3.06
Fe2		106.	211000	200000	PPB	2280
Pb1		62.9	157.	250.	PPB	79.7
Mo4		110.	551000	500000	PPB	5350
Mn1		125.	18.7	15.0	PPB	1.62
Mo1		47.6	47.6	100.	PPB	3.62
Ni3		-3.71	-1.48	40.0	PPB	3.41
K 1		10.8	216.	2000	PPB	240.
Se1		15.3	76.7	500.	PPB	61.6
Ag1		25.0	12.5	50.0	PPB	2.22
Na1		40.4	404.	1000	PPB	93.2
Tl1		157.	470.	300.	PPB	308.
Ti2		2.46	2.46	100.	PPB	1.07
V 3		-10.4	-5.21	50.0	PPB	1.97
Zn1		19.1	19.1	100.	PPB	9.52

*** Check Standard: 6 Ck6ICSAB Seq: 574 14:50:32 10 Dec 1999 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Al3		94.4	472000	500000	PPB	2820
Ba1		107.	535.	500.	PPB	4.00
Be1		112.	560.	500.	PPB	4.16
Cd3		114.	1140	1000	PPB	11.3
Ca3		96.0	480000	500000	PPB	3170
Cr5		101.	507.	500.	PPB	3.92
Co1		104.	521.	500.	PPB	12.4
Cu1		104.	518.	500.	PPB	5.38
Fe2		97.1	194000	200000	PPB	1300
Pb1		115.	1150	1000	PPB	108.
Mo4		102.	508000	500000	PPB	3430
Mn1		111.	555.	500.	PPB	4.20
Ni3		105.	1050	1000	PPB	20.9
Ag1		97.5	975.	1000	PPB	11.1
V 3		96.9	484.	500.	PPB	3.37
Zn1		111.	1110	1000	PPB	15.2

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: PBL916E Seq: 575 14:54:38 10 Dec 1999 ICP

			L					
Al3	61.4	PPB	26.2	80.0	31.5	72.9		
Sb1	42.2	PPB	29.4	9.32	51.3	66.0		
As2	91.4	PPB	67.1	158.	93.2	23.5		
Ba1	-.104	PPB	1.48	.657	-1.81	.840		
Be1	.207	PPB	.082	.283	.119	.217		
Cd3	1.49	PPB	2.86	-1.10	1.00	4.57		
Ca3	74.8	PPB	9.92	83.6	76.8	64.1		
Cr5	1.95	PPB	6.06	8.90	-.839	-2.21		
Co1	-2.31	PPB	1.64	-.734	-2.21	-4.00		
Cu1	3.46	PPB	2.22	4.13	.988	5.27		
Fe2	41.4	PPB	5.17	46.4	41.5	36.1		
Pb1	104.	PPB	27.3	109.	74.2	128.		
Mo4	51.7	PPB	25.3	76.8	26.3	52.1		
Mn1	-.429	PPB	.630	-.341	-1.10	.153		
Mo1	11.0	PPB	18.8	-6.06	31.2	7.76		
Ni3	-7.87	PPB	5.44	-14.1	-4.34	-5.14		
K 1	-233.	PPB	918.	693.	-1140	-248.		
Se1	8.86	PPB	68.7	87.2	-41.2	-19.5		
Ag1	-1.60	PPB	6.32	-1.89	-7.78	4.86		
Na1	-25.4	PPB	82.7	-4.02	44.5	-117.		
Sr1	446.	PPB	550.	246.	1070	23.9		
Ti2	.769	PPB	.858	1.73	.487	.089		
V 3	-3.39	PPB	2.88	-3.61	-6.15	-.398		
Zn1	4.21	PPB	18.5	15.4	14.4	-17.2		

669

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: LCSW916E Seq: 576 14:58:45 10 Dec 1999 ICP

			L					
Al3	2120	PPB	17.9	2100	2120	2140		
Sb1	447.	PPB	85.5	424.	375.	541.		
As2	2280	PPB	22.7	2270	2310	2270		
Ba1	2160	PPB	8.90	2150	2160	2170		
Be1	57.4	PPB	.161	57.2	57.5	57.4		
Cd3	64.8	PPB	.911	65.6	63.8	65.0		
Ca3	1160	PPB	10.7	1150	1150	1170		
Cr5	217.	PPB	9.55	206.	220.	224.		
Co1	549.	PPB	16.6	545.	534.	567.		
Cu1	259.	PPB	5.05	256.	256.	265.		
Fe2	1070	PPB	2.32	1080	1070	1070		
Pb1	682.	PPB	77.0	736.	594.	715.		
Mo4	2080	PPB	12.7	2080	2080	2100		
Mn1	535.	PPB	.580	535.	535.	536.		
Mo1	526.	PPB	50.5	472.	572.	534.		
Ni3	549.	PPB	13.2	536.	549.	563.		
K 1	10400	PPB	423.	9910	10500	10700		
Se1	2280	PPB	61.0	2210	2320	2320		
Ag1	71.3	PPB	7.29	63.0	76.8	74.0		
Na1	3360	PPB	15.9	3380	3360	3350		
Tl1	2360	PPB	463.	2630	2620	1830		
Ti2	552.	PPB	2.92	550.	550.	555.		
V 3	520.	PPB	3.44	517.	523.	522.		
Zn1	597.	PPB	20.9	586.	621.	583.		

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: 9912996E Seq: 577 15:02:51 10 Dec 1999 ICP

			L			
Al3	58.1	PPB	17.8	54.3	77.5	42.4
Sb1	322.	PPB	21.1	307.	313.	346.
As2	133.	PPB	4.73	138.	133.	129.
Ba1	769.	PPB	28.6	739.	774.	795.
Be1	7.88	PPB	.399	7.42	8.06	8.15
Cd3	140.	PPB	10.7	128.	147.	146.
Ca3	49200	PPB	2180	46900	49400	51300
Cr5	.090	PPB	1.53	-1.15	1.79	-.370
Co1	7.35	PPB	1.53	8.54	5.63	7.88
Cu1	198.	PPB	10.3	187.	200.	207.
Fe2	74.5	PPB	4.76	73.1	70.7	79.8
Pb1	500.	PPB	51.9	463.	477.	559.
Mo4	4220	PPB	192.	4010	4260	4390
Mn1	1150	PPB	48.6	1100	1150	1200
Mo1	.207	PPB	25.2	25.5	-25.0	.097
Ni3	17.6	PPB	8.01	14.9	11.2	26.6
K 1	2350	PPB	413.	1940	2770	2340
Se1	-26.0	PPB	79.4	-64.3	-79.0	65.2
Ag1	1.64	PPB	7.09	-6.27	3.74	7.43
Na1	^^^^^^H	PPB	47500	^^^^^^	^^^^^^	^^^^^^
Tl1	39.3	PPB	316.	316.	107.	-305.
Ti2	-.090	PPB	.553	-.646	-.082	.460
V 3	-2.23	PPB	2.44	-2.85	-4.30	.459
Zn1	908.	PPB	32.2	871.	925.	928.

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 9912996LE					Seq: 578	15:06:58 10 Dec 1999 ICP		
			L					
Al3	33.3	PPB	24.6	60.1	11.8	27.8		
Sb1	131.	PPB	42.0	141.	85.5	168.		
As2	91.6	PPB	28.2	121.	88.1	65.3		
Ba1	165.	PPB	2.45	168.	163.	164.		
Be1	1.86	PPB	.110	1.73	1.91	1.92		
Cd3	36.1	PPB	5.74	42.4	34.6	31.2		
Ca3	12400	PPB	144.	12400	12500	12200		
Cr5	-9.08	PPB	7.10	-9.36	-16.0	-1.85		
Co1	-7.21	PPB	6.32	-13.0	-.480	-8.13		
Cu1	51.5	PPB	1.15	50.9	50.7	52.8		
Fe2	47.2	PPB	3.34	50.4	43.7	47.5		
Pb1	142.	PPB	86.9	130.	235.	62.1		
Mg4	1270	PPB	3.50	1270	1270	1260		
Mn1	248.	PPB	2.67	247.	250.	245.		
Mo1	-9.12	PPB	24.5	-13.9	17.5	-30.9		
Ni3	-6.33	PPB	12.2	-18.3	-6.91	6.19		
K 1	557.	PPB	995.	46.8	-78.7	1700		
Se1	37.6	PPB	73.8	-26.4	20.8	118.		
Ag1	-4.34	PPB	8.15	5.00	-9.96	-8.08		
Na1	259000H	PPB	3310	260000	261000	255000		
Tl1	65.1	PPB	328.	293.	-310.	213.		
Ti2	.785	PPB	.739	.011	.861	1.48		
V 3	-2.41	PPB	2.92	-1.34	-5.71	-.178		
Zn1	349.	PPB	13.4	363.	347.	336.		

672

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 9912996DE				Seq: 579		15:11:05 10 Dec 1999 ICP		
				L				
Al3	43.9	PPB	16.8	56.6	24.9	50.1		
Sb1	284.	PPB	20.7	308.	274.	270.		
As2	126.	PPB	4.00	121.	126.	129.		
Ba1	774.	PPB	53.0	793.	814.	714.		
Be1	7.92	PPB	.479	8.10	8.28	7.37		
Cd3	151.	PPB	9.25	148.	161.	144.		
Ca3	49800	PPB	2750	50300	52300	46900		
Cr5	5.41	PPB	2.66	4.04	8.47	3.70		
Co1	3.34	PPB	11.3	12.0	-9.39	7.39		
Cu1	203.	PPB	12.1	204.	215.	191.		
Fe2	71.8	PPB	2.66	69.8	74.8	70.8		
Pb1	535.	PPB	76.3	617.	524.	465.		
Mo4	4260	PPB	204.	4290	4450	4040		
Mn1	1160	PPB	69.9	1180	1220	1090		
Mo1	30.9	PPB	21.1	24.9	54.3	13.4		
Ni3	16.7	PPB	2.40	13.9	18.2	17.9		
K 1	2120	PPB	109.	2180	2180	1990		
Se1	14.6	PPB	54.4	-36.2	72.0	8.03		
Ag1	2.07	PPB	7.02	-6.03	5.81	6.44		
Na1	^^^^^^H	PPB	83000	^^^^^^	^^^^^^	^^^^^^		
Tl1	-64.1	PPB	571.	-569.	556.	-180.		
Ti2	-1.00	PPB	1.49	.146	-2.68	-.467		
V 3	-.326	PPB	1.58	.712	-2.14	.453		
Zn1	929.	PPB	84.1	954.	999.	836.		

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 9912996SAE					Seq: 580		15:15:12 10 Dec 1999 ICP	
			L					
Al3	1990	PPB	66.0	1940	2070	1970		
Sb1	811.	PPB	45.9	794.	863.	775.		
As2	2200	PPB	128.	2190	2340	2080		
Ba1	2810	PPB	64.5	2790	2880	2750		
Be1	59.9	PPB	1.38	59.6	61.4	58.7		
Cd3	179.	PPB	15.0	180.	193.	163.		
Ca3	43200	PPB	961.	43000	44200	42300		
Cr5	204.	PPB	11.5	208.	213.	191.		
Co1	531.	PPB	9.96	522.	542.	530.		
Cu1	413.	PPB	13.0	408.	427.	403.		
Fe2	1100	PPB	23.2	1100	1120	1070		
Pb1	1020	PPB	90.2	997.	949.	1120		
Mg4	5650	PPB	149.	5650	5800	5500		
Mn1	1500	PPB	28.2	1500	1530	1470		
Mo1	546.	PPB	35.4	510.	581.	546.		
Ni3	567.	PPB	19.6	571.	584.	546.		
K 1	12100	PPB	450.	11700	12600	12100		
Se1	2230	PPB	112.	2360	2200	2150		
Ag1	121.	PPB	1.81	122.	122.	119.		
Na1	987000H	PPB	22500	983000	^^^^^^	967000		
V 1	2980	PPB	28.0	2960	2960	3010		
Ti2	539.	PPB	13.9	537.	553.	526.		
V 3	503.	PPB	11.4	499.	516.	495.		
Zn1	1300	PPB	30.2	1300	1320	1260		

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: 9912996SBE Seq: 581 15:19:19 10 Dec 1999 ICP

				L				
Al3	2100	PPB	114.		1990	2220	2090	
Sb1	818.	PPB	59.2		750.	840.	862.	
As2	2250	PPB	141.		2100	2380	2270	
Ba1	2940	PPB	162.		2750	3050	3020	
Be1	63.3	PPB	3.75		59.0	66.0	64.8	
Cd3	202.	PPB	9.31		202.	211.	192.	
Ca3	45900	PPB	2020		43700	47700	46200	
Cr5	218.	PPB	10.6		208.	216.	229.	
Co1	573.	PPB	24.5		547.	596.	575.	
Cu1	437.	PPB	24.2		409.	453.	448.	
Fe2	1160	PPB	54.5		1100	1200	1180	
Pb1	1070	PPB	28.5		1040	1100	1060	
Mg4	6010	PPB	267.		5740	6270	6030	
Mn1	1590	PPB	77.7		1500	1660	1610	
Mo1	569.	PPB	52.4		520.	624.	562.	
Ni3	592.	PPB	44.2		541.	617.	618.	
K 1	12600	PPB	1140		11400	12600	13700	
Se1	2250	PPB	87.6		2160	2330	2260	
Ag1	123.	PPB	11.1		111.	131.	128.	
Na1	^^^^^^H	PPB	54100		976000	^^^^^^	^^^^^^	
Tl1	2360	PPB	389.		1950	2720	2420	
Ti2	567.	PPB	32.5		531.	594.	577.	
V 3	536.	PPB	23.6		510.	556.	542.	
Zn1	1400	PPB	68.3		1320	1450	1430	

675

*** Sample ID: 9912994E Seq: 582 15:23:27 10 Dec 1999 ICP

Line	Conc.	Units	SD/RSD	1	2	3	4	5
				L				
Al3	3220	PPB	101.	3150	3340	3170		
Sb1	240.	PPB	24.8	230.	222.	269.		
As2	72.4	PPB	38.4	42.0	59.7	115.		
Ba1	1870	PPB	39.8	1840	1920	1860		
Be1	8.41	PPB	.229	8.17	8.61	8.46		
Cd3	299.	PPB	7.68	292.	300.	307.		
Ca3	97000	PPB	2470	94300	99100	97500		
Cr5	7.99	PPB	4.73	10.3	11.1	2.54		
Co1	13.2	PPB	4.07	17.5	12.7	9.39		
Cu1	3380	PPB	65.6	3330	3450	3350		
Fe2	642.	PPB	9.17	633.	651.	643.		
Pb1	7370	PPB	97.7	7260	7410	7440		
Mo4	2750	PPB	98.4	2650	2850	2750		
Mn1	1230	PPB	31.5	1190	1260	1230		
Mo1	39.1	PPB	38.5	16.5	17.2	83.6		
Ni3	52.3	PPB	11.7	48.0	65.5	43.3		
K 1	1430	PPB	661.	2120	1350	807.		
Se1	13.5	PPB	97.8	126.	-35.9	-49.8		
Ag1	-4.32	PPB	4.00	.296	-6.49	-6.76		
[illegible]a1	^^^^^^H	PPB	20300	^^^^^^	^^^^^^	^^^^^^		
[illegible]i1	485.	PPB	498.	842.	-83.9	698.		
Ti2	-1.70	PPB	1.01	-2.82	-.851	-1.43		
V 3	-7.55	PPB	5.53	-4.25	-13.9	-4.46		
Zn1	7000	PPB	155.	6850	7160	6990		

Line Conc. Units SD/RSD 1 2 3 4 5

*** Check Standard: 2 Ck2CCVAB Seq: 587 15:39:56 10 Dec 1999 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Al3		106.	5280	5000	PPB	64.8
Sb1		103.	5170	5000	PPB	159.
As2		107.	5350	5000	PPB	40.7
Ba1		104.	5210	5000	PPB	58.8
Be1		105.	5270	5000	PPB	62.4
Cd3		104.	5180	5000	PPB	55.0
Ca3		103.	5170	5000	PPB	61.2
Cr5		101.	5060	5000	PPB	44.0
Co1		103.	5170	5000	PPB	63.2
Cu1		103.	5170	5000	PPB	64.7
Fe2		102.	5100	5000	PPB	56.5
Pb1		103.	5130	5000	PPB	89.4
Mg4		105.	5240	5000	PPB	62.8
Mn1		103.	5170	5000	PPB	48.9
Mo1		101.	5040	5000	PPB	95.7
Ni3		105.	5230	5000	PPB	47.5
K 1		101.	10100	10000	PPB	326.
Se1		103.	5140	5000	PPB	169.
Ag1		103.	515.	500.	PPB	2.84
Na1		104.	10400	10000	PPB	115.
Tl1		91.2	4560	5000	PPB	463.
Ti2		103.	5150	5000	PPB	60.0
V 3		107.	5330	5000	PPB	61.0
Zn1		107.	5350	5000	PPB	54.8

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1CCB Seq: 588 15:44:05 10 Dec 1999 ICP

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Al3		51.8	200.	PPB	31.8
Sb1		39.5	100.	PPB	65.9
As2		41.4	1000	PPB	29.8
Ba1		.810	30.0	PPB	.621
Be1		.514	10.0	PPB	.128
Cd3		9.49	10.0	PPB	7.60
Ca3		1.97	1000	PPB	1.49
Cr5		4.30	30.0	PPB	15.9
Co1		2.66	30.0	PPB	4.26
Cu1		3.44	25.0	PPB	2.23
Fe2		9.43	100.	PPB	1.52
Pb1		59.8	250.	PPB	47.0
Mo4		-14.6	1000	PPB	16.1
Mn1		1.38	15.0	PPB	.182
Mo1		15.4	100.	PPB	23.7
Ni3		.437	40.0	PPB	2.31
K 1		-460.	2000	PPB	527.
Se1		60.6	500.	PPB	71.4
Ag1		4.13	50.0	PPB	6.59
[illegible]a1		9.24	1000	PPB	60.4
[illegible]l1		297.	300.	PPB	372.
Ti2		4.61	100.	PPB	1.42
V 3		.881	50.0	PPB	2.53
Zn1		-1.00	100.	PPB	26.5

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 9912995E					Seq: 589		15:48:12 10 Dec 1999 ICP	
			L					
Al3	61.8	PPB	44.1	18.9	59.6	107.		
Sb1	42.1	PPB	26.6	20.1	71.7	34.5		
As2	37.9	PPB	26.6	54.8	51.7	7.19		
Ba1	77.7	PPB	.941	78.8	77.2	77.1		
Be1	.170	PPB	.043	.143	.148	.219		
Cd3	.593	PPB	3.89	-3.64	4.02	1.39		
Ca3	499.	PPB	1.21	499.	497.	499.		
Cr5	3.79	PPB	6.85	-.276	-.059	11.7		
Co1	2.18	PPB	3.62	2.90	-1.75	5.38		
Cu1	22.5	PPB	1.25	22.5	21.3	23.8		
Fe2	206.	PPB	2.05	206.	208.	204.		
Pb1	48.6	PPB	122.	126.	112.	-92.5		
Mo4	11.6	PPB	5.63	7.12	17.9	9.68		
Mn1	3.40	PPB	.391	3.47	3.75	2.98		
Mo1	16.8	PPB	11.0	16.2	6.07	28.0		
Ni3	-8.17	PPB	2.54	-8.36	-10.6	-5.53		
K 1	174.	PPB	540.	255.	669.	-401.		
Se1	65.6	PPB	58.2	129.	54.3	13.9		
Ag1	.678	PPB	.986	-.449	1.11	1.38		
Na1	3080	PPB	56.8	3120	3110	3020		
Tl1	189.	PPB	101.	300.	164.	102.		
Ti2	6.07	PPB	1.29	5.32	7.56	5.33		
V 3	1.44	PPB	1.30	2.39	1.98	-.035		
Zn1	-5.52	PPB	5.00	-.249	-6.12	-10.2		

679

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2CCVAB Seq: 593 16:04:42 10 Dec 1999 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Al3		103.	5150	5000	PPB	42.8
Sb1		104.	5210	5000	PPB	73.3
As2		103.	5140	5000	PPB	73.2
Ba1		104.	5190	5000	PPB	13.9
Be1		104.	5210	5000	PPB	28.7
Cd3		103.	5160	5000	PPB	19.9
Ca3		103.	5160	5000	PPB	14.7
Cr5		103.	5150	5000	PPB	22.6
Co1		104.	5200	5000	PPB	22.2
Cu1		104.	5210	5000	PPB	19.0
Fe2		103.	5170	5000	PPB	22.5
Pb1		101.	5040	5000	PPB	50.0
Mo4		104.	5180	5000	PPB	44.7
Mn1		103.	5170	5000	PPB	24.8
Mo1		103.	5170	5000	PPB	82.3
Ni3		104.	5180	5000	PPB	28.0
K 1		109.	10900	10000	PPB	150.
Se1		105.	5260	5000	PPB	64.4
Ag1		105.	523.	500.	PPB	8.40
Na1		102.	10200	10000	PPB	80.3
Tl1		90.5	4520	5000	PPB	352.
Ti2		104.	5180	5000	PPB	21.2
V 3		104.	5190	5000	PPB	27.7
Zn1		103.	5160	5000	PPB	22.3

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1CCB Seq: 594 16:08:51 10 Dec 1999 ICP

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Al3		32.2	200.	PPB	17.7
Sb1		69.1	100.	PPB	51.8
As2		22.9	1000	PPB	32.6
Ba1		1.31	30.0	PPB	1.59
Be1		1.12	10.0	PPB	.223
Cd3		3.29	10.0	PPB	5.40
Ca3		7.10	1000	PPB	1.10
Cr5		7.47	30.0	PPB	14.2
Co1		6.63	30.0	PPB	2.22
Cu1		2.89	25.0	PPB	5.84
Fe2		6.07	100.	PPB	3.47
Pb1		135.	250.	PPB	51.6
Mo4		-1.47	1000	PPB	12.3
Mn1		2.39	15.0	PPB	1.54
Mo1		8.61	100.	PPB	34.8
Ni3		-5.70	40.0	PPB	12.9
K 1		19.5	2000	PPB	635.
Se1		159.	500.	PPB	89.8
Ag1		1.32	50.0	PPB	4.56
Na1		4.58	1000	PPB	265.
Tl1	H	377.	300.	PPB	268.
Ti2		4.48	100.	PPB	.926
V 3		-.364	50.0	PPB	2.21
Zn1		-24.6	100.	PPB	17.4

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 5 Ck5ICSA Seq: 595 16:12:59 10 Dec 1999 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Al3		95.9	480000	500000	PPB	3990
Sb1		155.	155.	100.	PPB	68.4
As2		5.99	59.9	1000	PPB	74.8
Ba1		-2.37	-.711	30.0	PPB	1.18
Be1		337.	33.7	10.0	PPB	.325
Cd3		655.	65.5	10.0	PPB	4.76
Ca3		99.6	498000	500000	PPB	4150
Cr5		-7.76	-2.33	30.0	PPB	9.69
Co1		-10.6	-5.30	50.0	PPB	6.58
Cu1		1.46	.365	25.0	PPB	3.24
Fe2		102.	203000	200000	PPB	1620
Pb1		21.5	53.7	250.	PPB	35.7
Mo4		106.	528000	500000	PPB	4690
Mn1		105.	15.7	15.0	PPB	1.31
Mo1		-4.12	-4.12	100.	PPB	23.5
Ni3		-5.40	-2.16	40.0	PPB	4.77
K 1		-7.78	-156.	2000	PPB	199.
Se1		5.08	25.4	500.	PPB	131.
Ag1		10.8	5.40	50.0	PPB	6.05
[illegible]a1		47.9	479.	1000	PPB	117.
[illegible]i1		-13.6	-40.7	300.	PPB	454.
Ti2		4.92	4.92	100.	PPB	1.75
V 3		-11.7	-5.86	50.0	PPB	2.12
Zn1		15.9	15.9	100.	PPB	5.48

*** Check Standard: 6 Ck6ICSAB Seq: 596 16:17:08 10 Dec 1999 ICP

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Al3		96.0	480000	500000	PPB	2730
Ba1		109.	546.	500.	PPB	1.00
Be1		114.	568.	500.	PPB	3.36
Cd3		110.	1100	1000	PPB	13.0
Ca3		99.4	497000	500000	PPB	3100
Cr5		106.	529.	500.	PPB	18.8
Co1		103.	515.	500.	PPB	5.27
Cu1		106.	528.	500.	PPB	3.72
Fe2		101.	203000	200000	PPB	1170
Pb1		110.	1100	1000	PPB	48.5
Mo4		106.	530000	500000	PPB	2860
Mn1		110.	548.	500.	PPB	3.27
Ni3		102.	1020	1000	PPB	17.7
Ag1		99.7	997.	1000	PPB	9.89
V 3		102.	510.	500.	PPB	2.09
Zn1		110.	1100	1000	PPB	39.5

HG 1203 A

1CW, 1 1CB

PML 915E
LCSW 915E
991 3006E
3007E
3039E
3040E
PMS 1533
LCSS 1533
991 2970
3005

CCW / CCB
PMW 1664
LCSW 1664
991 3012
3012D
3012SA
3012SB
3014
3016
PMS 1534
LCSS 1534

CCW / CCB
991 3081
3081D
3081T
3081SA
3081SB
3081SC
3055
3056
3057
3058

CW/CCB

Signed

HG 1203 A

991 3059
3060
3061
3062
3063
3064
3065
3066
3067
3068

CCW / CCB

991 3039

CCW / CCB
PML 916E
LCSW 916E
991 2996E
2996DE
2996SAE
2996SBE
2994E
3076E DE
3316E 3116E
3088E

CCW / CCB
991 2995E 10X
3081 SA
3081 SB
3081 SC
LCSW 1664
CCW / CCB

Continued on Pa

Read and Understood By 683

12/03

Signed

Date

Signed

*** Standard: 1 Rep: 1 Seq: 170 10:59:10 03 Dec 1999 HG

Hg .000 ppb 504
Ave. Int. = 504 S. D. = 0

*** Standard: 1 Rep: 2 Seq: 171 11:02:03 03 Dec 1999 HG

Hg .000 ppb 49
Ave. Int. = 49 S. D. = 0

*** Standard: 1 Rep: 1 Seq: 172 11:04:56 03 Dec 1999 HG

Hg .000 ppb 25
Ave. Int. = 25 S. D. = 0

*** Standard: 1 Rep: 2 Seq: 173 11:07:49 03 Dec 1999 HG

Hg .000 ppb -52
Ave. Int. = -52 S. D. = 0

*** Standard: 2 Rep: 1 Seq: 174 11:10:43 03 Dec 1999 HG

Hg .500 ppb 3282
Ave. Int. = 3282 S. D. = 0

*** Standard: 2 Rep: 2 Seq: 175 11:13:37 03 Dec 1999 HG

Hg .500 ppb 3489
Ave. Int. = 3489 S. D. = 0

*** Standard: 3 Rep: 1 Seq: 176 11:16:31 03 Dec 1999 HG

Hg 1.00 ppb 7273
Ave. Int. = 7273 S. D. = 0

*** Standard: 3 Rep: 2 Seq: 177 11:19:25 03 Dec 1999 HG

Hg 1.00 ppb 7120
Ave. Int. = 7120 S. D. = 0

*** Standard: 4 Rep: 1 Seq: 178 11:22:19 03 Dec 1999 HG

Hg 2.00 ppb 15953
Ave. Int. = 15953 S. D. = 0

Line	Wave.	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 4 Rep: 2 Seq: 179 11:25:14 03 Dec 1999 HG

Hg 2.00 ppb 15062
Ave. Int. = 15062 S. D. = 0

*** Standard: 5 Rep: 1 Seq: 180 11:28:09 03 Dec 1999 HG

Hg 5.00 ppb 60190
Ave. Int. = 60190 S. D. = 0

*** Standard: 5 Rep: 2 Seq: 181 11:31:11 03 Dec 1999 HG

Hg 5.00 ppb 59367
Ave. Int. = 59367 S. D. = 0

*** Standard: 6 Rep: 1 Seq: 182 11:34:21 03 Dec 1999 HG

Hg 10.0 ppb 133250
Ave. Int. = 133250 S. D. = 0

*** Standard: 6 Rep: 2 Seq: 183 11:37:50 03 Dec 1999 HG

Hg 10.0 ppb 125905
Ave. Int. = 125905 S. D. = 0

*** Check Standard: 3 Ck3ICV Seq: 184 11:41:23 03 Dec 1999 HG

Line	Wave.	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg			87.8	3.51	4.00	ppb	.000

*** Check Standard: 1 Ck1ICB Seq: 185 11:44:25 03 Dec 1999 HG

Line	Wave.	Flag	Found	Range(+/-)	Units	SD/RSD
Hg			.117	.500	ppb	.000

*** Sample ID: LCSW1664 Seq: 215 13:12:09 03 Dec 1999 HG
A
Hg 1.44 ppb .000 1.44

*** Sample ID: PBL916E Seq: 258 16:11:40 03 Dec 1999 HG
L
Hg .382 ppb .000 .382

*** Sample ID: LCSW916E Seq: 259 16:14:28 03 Dec 1999 HG
L
Hg 2.16 ppb .000 2.16

*** Sample ID: 9912996E Seq: 260 16:17:41 03 Dec 1999 HG
L 2
Hg .455 ppb .000 .455

Line	Wave.	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: 9912996DE Seq: 261 16:20:29 03 Dec 1999 HG
L 2
Hg .444 ppb .000 .444

*** Sample ID: 9912996SAE Seq: 262 16:23:17 03 Dec 1999 HG
L 2
Hg 2.19 ppb .000 2.19

*** Sample ID: 9912996SBE Seq: 263 16:26:06 03 Dec 1999 HG
L 2
Hg 1.83 ppb .000 1.83

*** Sample ID: 9912994E Seq: 264 16:28:55 03 Dec 1999 HG
L 2
Hg .535 ppb .000 .535

*** Sample ID: 9913076E Seq: 265 16:31:44 03 Dec 1999 HG
L 2
Hg .368 ppb .000 .368

*** Sample ID: 9913316E Seq: 266 16:34:34 03 Dec 1999 HG
L 2
Hg .449 ppb .000 .449

*** Sample ID: 9913088E Seq: 267 16:37:23 03 Dec 1999 HG
L 2
Hg .512 ppb .000 .512

*** Check Standard: 2 Ck2CCV Seq: 268 16:40:13 03 Dec 1999 HG

Line	Wave.	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg			98.1	4.91	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 269 16:43:14 03 Dec 1999 HG

Line	Wave.	Flag	Found	Range(+/-)	Units	SD/RSD
Hg			.150	.500	ppb	.000

*** Sample ID: 9912995E Seq: 270 16:46:04 03 Dec 1999 HG
L 10
Hg .765 ppb .000 .765

*** Sample ID: 9913081SA Seq: 271 16:48:53 03 Dec 1999 HG
S Dil. Weight 2.6000 Volume 1.0000
Hg 1.95 ppb .000 1.95

*** Sample ID: 9913081SB Seq: 272 16:51:51 03 Dec 1999 HG
S Dil. Weight 2.6000 Volume 1.0000
Hg 2.06 ppb .000 2.06

Line	Wave.	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: 991306ISC Seq: 273 16:54:51 03 Dec 1999 HG
S Dil. Weight 2.0000 Volume 1.0000

Hg	.067	ppb	.000	.067	

*** Sample ID: LCSW1664 Seq: 274 16:57:39 03 Dec 1999 HG
A

Hg	2.25	ppb	.000	2.25	

*** Check Standard: 2 Ck2CCV Seq: 275 17:00:28 03 Dec 1999 HG

Line	Wave.	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg			109.	5.43	5.00	ppb	.000

*** Check Standard: 1 Ck1CCB Seq: 276 17:03:34 03 Dec 1999 HG

Line	Wave.	Flag	Found	Range(+/-)	Units	SD/RSD
Hg			.159	.500	ppb	.000

PERCENT SOLIDS DETERMINATION

ALI #	SAMPLE + PAN	PAN	SAMPLE	DRY WGT SAMPLE + PAN	TIME IN	TEMP	DATE	TIME OUT	TEMP	DATE	% SOLID	INIT
9912984												
9912985												
9912986												
9912987												
9912988												
9912989												
9912990												
9912991												
9912992												
9912993												
9912994	10.59	1.02	9.57	8.20	0920	105	12-02-99	1820	105	12.2	75.0	DM
9912995												
9912996	10.98	1.02	9.96	9.59	0920	105	12-02-99	1820	105	12.2	86.0	DM
9912997	11.02	1.02	10.00	9.65	"	"	"	"	"	"	96.3	"
9912998	10.23	1.02	9.21	8.87							85.2	

REVIEWED BY _____

% SOLIDS = ((DRY WT SAMPLE + PAN) - PAN) x 100 / INITIAL WEIGHT
NOTE: All weights are reported in grams.

PERCENT SOLIDS DETERMINATION

ALI #	SAMPLE + PAN	PAN	SAMPLE	DRY WGT SAMPLE + PAN	TIME IN	TEMP	DATE	TIME OUT	TEMP	DATE	% SOLID	INIT
9912999	10.52	1.02	9.50	9.15	0920	105	12-02-99	1820	105	12.2	85.6	D.M
9913000	11.47	1.02	10.45	10.01							86.0	
9913001	10.82	1.02	9.80	9.39							85.4	
9913002	10.85	1.02	9.83	9.39							85.1	
9913003	11.72	1.02	10.70	10.45							88.1	
9913004	12.02	1.02	11.00	10.58							86.9	
9913005	12.79	1.02	11.77	11.10							85.6	
9913006	12.93	1.02	11.91	11.03							84.0	
9913007	10.34	1.02	9.32	8.59							81.2	
9913008												
9913009												
9913010												
9913011												
9913012												
9913013												

REVIEWED BY _____

689

% SOLIDS = ((DRY WT SAMPLE + PAN) - PAN) x 100 / INITIAL WEIGHT
NOTE: All weights are reported in grams.

PROJECT _____ Notebook No. 942

Continued From Page _____

Sample	FP	Matrix	Date	Initials
9912855	>200	S	11-29-99	dM
2883	>200	O	"	"
9512978	>200	"	12/1/99	"
9512978(D)	~~>200~~	"	"	"
9912965	>200	S	12-3-99	dM
2966	>200			
2994	>200			
2995	170	O		
2996	>200	S		
3006	>200			
3007	>200			
3040	>200			
3081	>200			
2995-D	160	O		

Continued on Page

Read and Understood By 690

Signed	Date	Signed	Date

Sample	PH	Date	Matrix	Initial
9912662	7.01	11-23-99	A	dM
2663	6.49		A	
2664	4.86		S	
2665	7.56		S	
2681	8.83		S	
2682	6.47		O	
2764	6.60		S	
2765	7.99		S	
2764-D	6.70		S	
9912855	4.17	11-29-99	S	dM
2883	6.79		O	
2928	7.10		S	
9912974	6.72	12/1/99	A	JL
9912977	2.76		A	
9913007	7.37		S	
9913006	7.54		S	
9912965	6.14			
9913081	7.45			
9912986	6.74			
9912994	6.45			
9913040	7.40			
9912995	6.86		O	
9912995(D)	6.79			
9912996	7.41			
9912996(D)	7.46			
9912978(D)	6.74			

Continued on Page 691

Read and Understood By

Signed | Date | Signed | Date

92

PROJECT RCW

Notebook No. 934

Continued From Page

Sample	MLS or g	Final VOL
ICB	200ml	200ml
ICV	200ml	
9912965	10.20g	
2966	10.59g	
2994	10.08g	
2995	10.67g	
2996	10.46g	
2996-D	10.46g	
3006	10.25g	
3007	10.12g	
3040	10.47g	
3081	10.03g	

12-3-99

Sample	ABS	Conc	Final	%S	MDL
ICB	0.000	ND	ND	–	0.01
ICV	0.480	0.1923	0.19	–	0.01
9912965	0.000	ND	ND	82.8	0.24
2966	0.000			61.5	0.33
2994	0.000			75.0	0.27
2995	0.000			100	0.20
2996	0.000			86.0	0.23
2996-D	0.000			86.0	0.23
3006	0.000			84.0	0.24
3007	0.000			81.2	0.25
3040	0.000			90.2	0.22
3081	0.000			93.3	0.21
CCV	0.480	0.1923	0.19	–	0.01
CCB	0.000	ND	ND	–	0.01

Continued on Page

Read and Understood By

692

Signed

12-2-99

Date

Signed

Date

Sample	Aliq	$MLS\ I_2$	MLS PAO	final	%s	MDL
ICB	50ml	5ml	5.0	ND	—	2.0
992965			5.1	~~5.1~~ ND	82.8	48.3
2966			5.2	5 ND	61.5	65.0
2994			5.3	ND	75.0	53.3
2995			5.3		100	40.0
2996			5.2		86.0	46.5
2996-D			5.1		86.0	46.5
3006			5.2		84.0	47.6
3007			5.2		81.2	49.3
3040			5.3		90.2	44.3
3081			5.1		93.3	42.9

Continued on Page

Read and Understood By

693

Signed | Date | Signed | Date

Operator ID: RHODERICK
Output File: ^K7823::QT
Data File: >K7823::G2
Name: DRO COMP.STD 50PPM
Misc: B658 P83

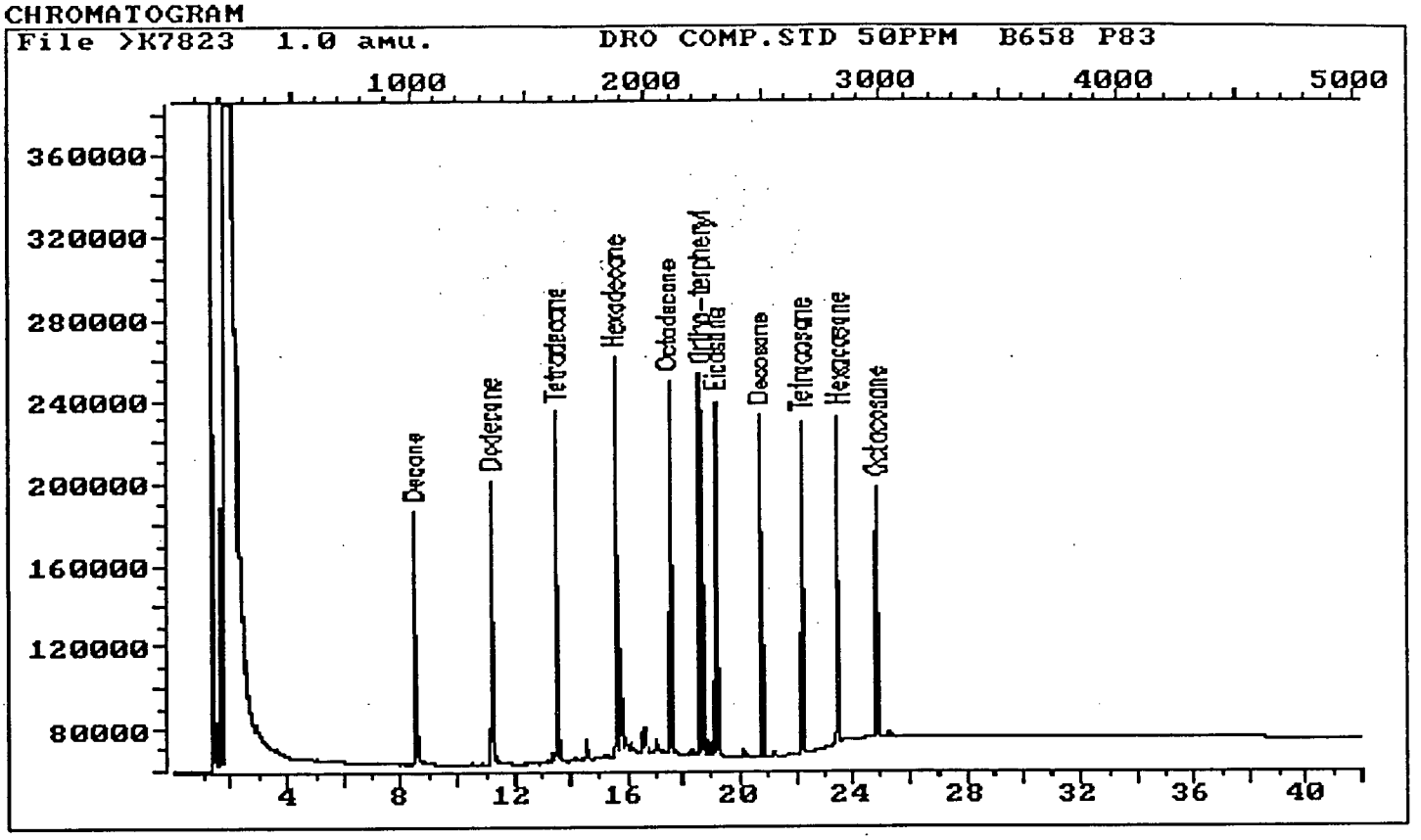
Quant Rev: 7 Quant Time: 980708 15:39
Injected at: 980708 14:56
Dilution Factor: 1.00000
Instrument ID: I

ID File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 970519 08:49 Last Qcal Time: 980707 14:14

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Decane	8.46	1015	456758	38.20	MG/L	100
2)	#Dodecane	11.13	1336	459926	34.00	MG/L	100
3)	#Tetradecane	13.47	1616	448959	35.52	MG/L	100
4)	#Hexadecane	15.55	1866	499927	34.09	MG/L	100
5)	#Octadecane	17.42	2091	479962	34.09	MG/L	100
6)	#Ortho-terphenyl	18.60	2232	525357	39.25	MG/L	100
7)	#Eicosane	19.13	2296	477236	37.37	MG/L	100
8)	#Decosane	20.69	2483	476532	35.29	MG/L	100
9)	#Tetracosane	22.13	2655	468930	33.13	MG/L	100
10)	#Hexacosane	23.46	2815	466876	36.71	MG/L	100
11)	#Octacosane	24.82	2978	464774	35.50	MG/L	100

Compound uses ESTD

CHROMATOGRAM



Data File: >K7823::G2 Quant Output File: ^K7823::QT
Name: DRO COMP.STD 50PPM Instrument ID: I
Misc: B658 P83

Id File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 970519 08:49 Last Qcal Time: 980707 14:14

Operator ID: RHODERICK
Quant Time : 980708 15:39
Injected at: 980708 14:56

Operator ID: RHODERICK
Output File: ^K7824::QT
Data File: >K7824::G2
Name: DRO COMP.STD 20PPM
Misc: B658 P83

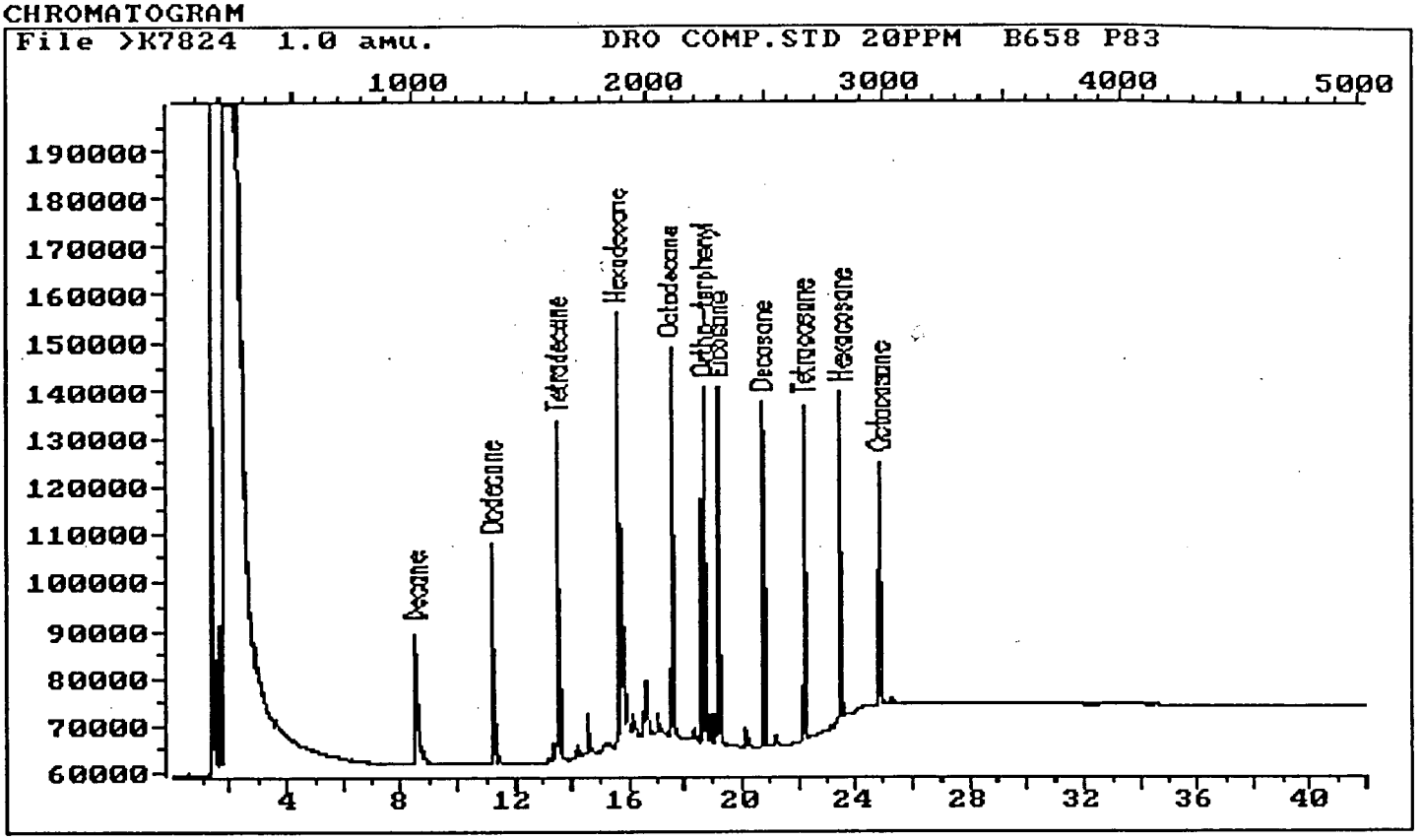
Quant Rev: 7 Quant Time: 980708 16:32
Injected at: 980708 15:48
Dilution Factor: 1.00000
Instrument ID: I

ID File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 970519 08:49 Last Qcal Time: 980707 14:14

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Decane	8.49	1019	190292	15.92	MG/L	100
2)	#Dodecane	11.17	1340	199468	14.74	MG/L	100
3)	#Tetradecane	13.48	1618	186359	14.74	MG/L	100
4)	#Hexadecane	15.56	1867	233699	15.94	MG/L	100
5)	#Octadecane	17.43	2092	216416	15.37	MG/L	100
6)	#Ortho-terphenyl	18.62	2234	226913	16.95	MG/L	100
7)	#Eicosane	19.14	2297	211038	16.52	MG/L	100
8)	#Decosane	20.70	2484	206964	15.33	MG/L	100
9)	#Tetracosane	22.13	2656	205708	14.53	MG/L	100
10)	#Hexacosane	23.47	2816	201324	15.83	MG/L	100
11)	#Octacosane	24.83	2979	200520	15.31	MG/L	100

Compound uses ESTD

CHROMATOGRAM



Data File: >K7824::G2 Quant Output File: ^K7824::QT
Name: DRO COMP.STD 20PPM Instrument ID: I
Misc: B658 P83

Id File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 970519 08:49 Last Qcal Time: 980707 14:14

Operator ID: RHODERICK
Quant Time : 980708 16:32
Injected at: 980708 15:48

Operator ID: RHODERICK
Output File: ^K7825::QT
Data File: >K7825::G2
Name: DRO COMP.STD 10PPM
Misc: B658 P83

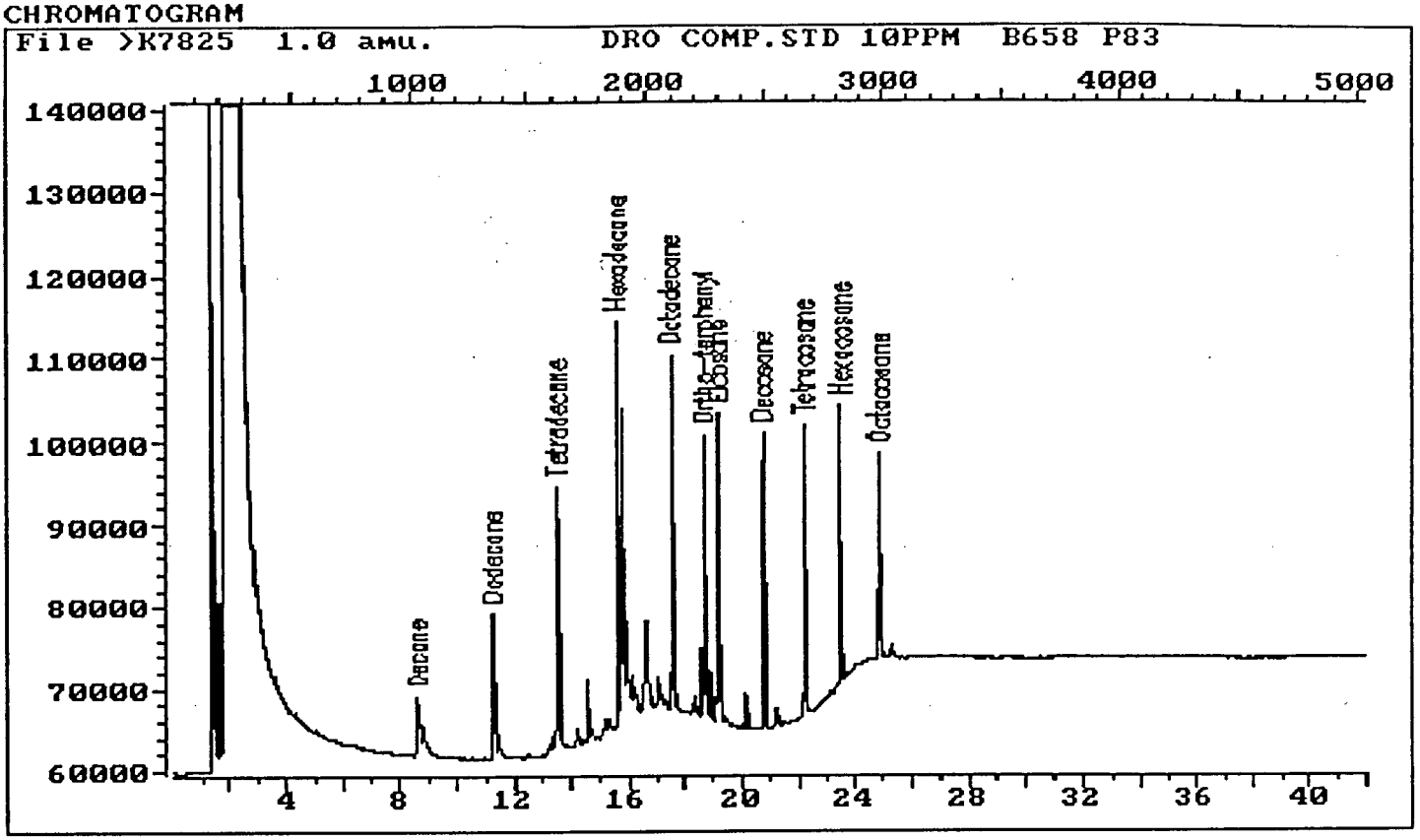
Quant Rev: 7 Quant Time: 980708 17:24
Injected at: 980708 16:41
Dilution Factor: 1.00000
Instrument ID: I

ID File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 970519 08:49 Last Qcal Time: 980707 14:14

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Decane	8.57	1028	89181M	7.46	MG/L	
2)	#Dodecane	11.21	1345	97228	7.19	MG/L	100
3)	#Tetradecane	13.50	1620	86572	6.85	MG/L	100
4)	#Hexadecane	15.57	1868	129975	8.86	MG/L	100
5)	#Octadecane	17.44	2093	116003	8.24	MG/L	100
6)	#Ortho-terphenyl	18.63	2236	114220	8.53	MG/L	100
7)	#Eicosane	19.15	2298	110131	8.62	MG/L	100
8)	#Decosane	20.71	2485	105144	7.79	MG/L	100
9)	#Tetracosane	22.14	2657	109545	7.74	MG/L	100
10)	#Hexacosane	23.47	2817	100264	7.88	MG/L	100
11)	#Octacosane	24.84	2981	100183	7.65	MG/L	100

Compound uses ESTD

CHROMATOGRAM



Data File: >K7825::G2 Quant Output File: ^K7825::QT
Name: DRO COMP.STD 10PPM Instrument ID: I
Misc: B658 P83

Id File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 970519 08:49 Last Qcal Time: 980707 14:14

Operator ID: RHODERICK
Quant Time : 980708 17:24
Injected at: 980708 16:41

Operator ID: RHODERICK
Output File: ^K7826::QT
Data File: >K7826::G2
Name: DRO COMP.STD 5PPM
Misc: B658 P83

Quant Rev: 7 Quant Time: 980708 18:17
Injected at: 980708 17:33
Dilution Factor: 1.00000
Instrument ID: I

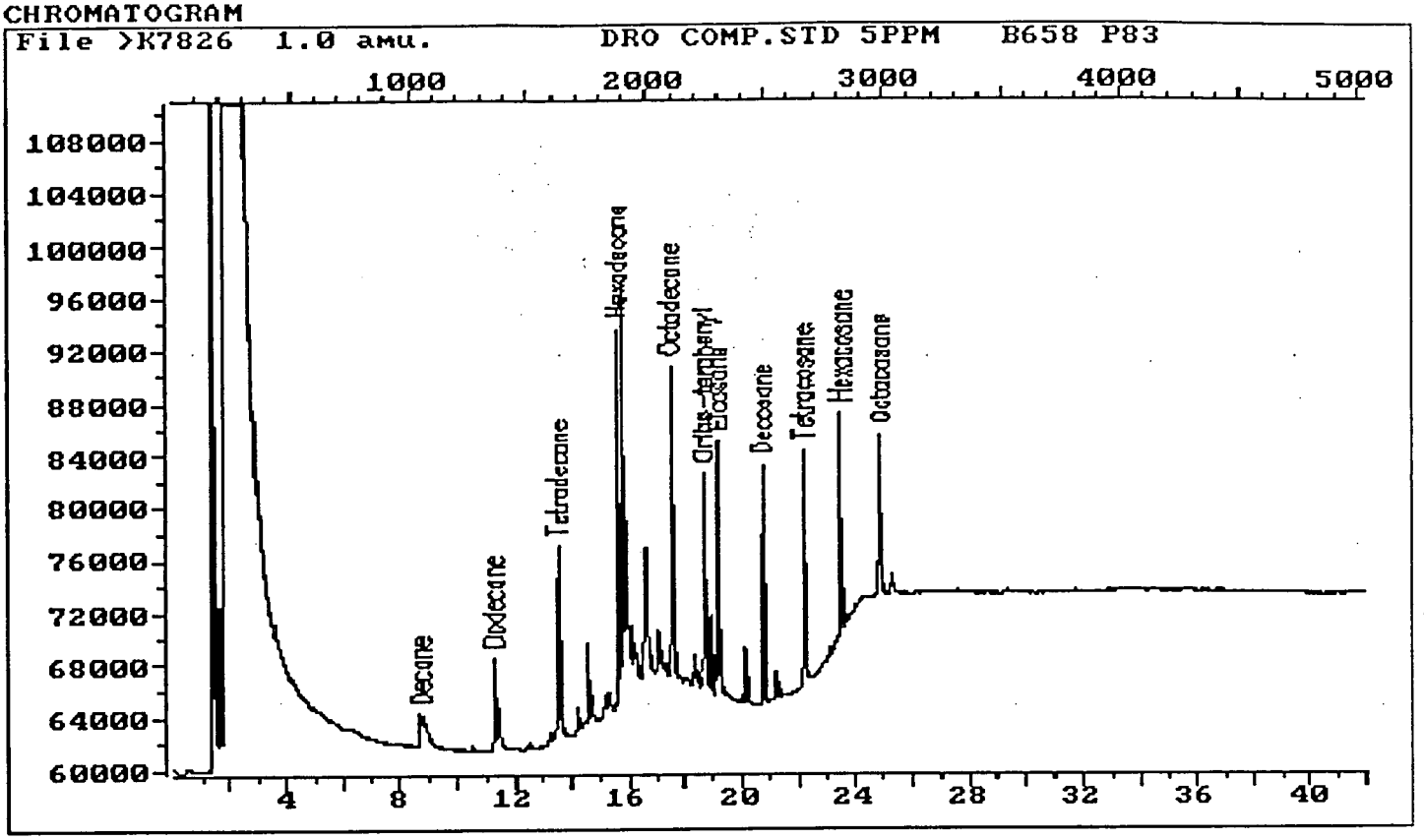
ID File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 970519 08:49 Last Qcal Time: 980707 14:14

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Decane	8.69	1043	42384M	3.54	MG/L	
2)	#Dodecane	11.25	1350	47192M	3.49	MG/L	
3)	#Tetradecane	13.52	1622	40749	3.22	MG/L	100
4)	#Hexadecane	15.58	1869	78019	5.32	MG/L	100
5)	#Octadecane	17.45	2094	65227	4.63	MG/L	100
6)	#Ortho-terphenyl	18.64	2237	58296	4.36	MG/L	100
7)	#Eicosane	19.16	2299	60159	4.71	MG/L	100
8)	#Decosane	20.72	2486	56067	4.15	MG/L	100
9)	#Tetracosane	22.15	2658	54814	3.87	MG/L	100
10)	#Hexacosane	23.48	2818	51280	4.03	MG/L	100
11)	#Octacosane	24.85	2982	51824	3.96	MG/L	100

Compound uses ESTD

200

CHROMATOGRAM



Data File: >K7826::G2 Quant Output File: ^K7826::QT
Name: DRO COMP.STD 5PPM Instrument ID: I
Misc: B658 P83

Id File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 970519 08:49 Last Qcal Time: 980707 14:14

Operator ID: RHODERICK
Quant Time : 980708 18:17
Injected at: 980708 17:33

Operator ID: RHODERICK
Output File: ^K7827::QT
Data File: >K7827::G2
Name: DRO COMP.STD 1PPM
Misc: B658 P83

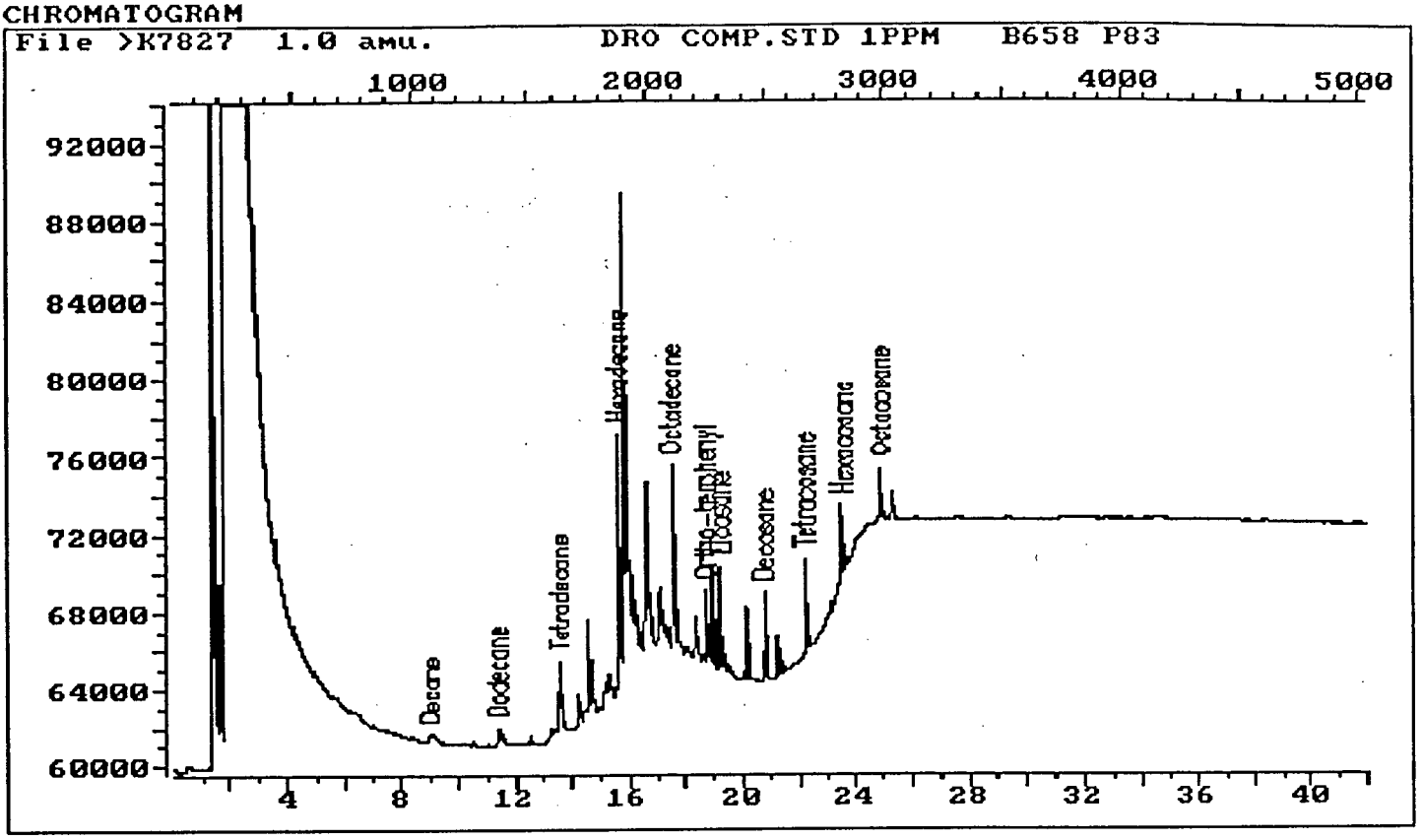
Quant Rev: 7 Quant Time: 980708 19:09
Injected at: 980708 18:25
Dilution Factor: 1.00000
Instrument ID: I

ID File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 970519 08:49 Last Qcal Time: 980707 14:14

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Decane	8.98	1077	12417M	1.04	MG/L	
2)	#Dodecane	11.35	1362	10227M	.756	MG/L	
3)	#Tetradecane	13.54	1625	8663M	.685	MG/L	100
4)	#Hexadecane	15.58	1870	18300M	1.25	MG/L	100
5)	#Octadecane	17.46	2095	16740M	1.19	MG/L	100
6)	#Ortho-terphenyl	18.67	2240	14663	1.10	MG/L	100
7)	#Eicosane	19.17	2301	13372M	1.05	MG/L	100
8)	#Decosane	20.73	2488	15799	1.17	MG/L	100
9)	#Tetracosane	22.17	2660	15905	1.12	MG/L	100
10)	#Hexacosane	23.50	2820	11875	.934	MG/L	100
11)	#Octacosane	24.86	2983	12967	.990	MG/L	100

Compound uses ESTD

CHROMATOGRAM



Data File: >K7827::G2 Quant Output File: ^K7827::QT
Name: DRO COMP.STD 1PPM Instrument ID: I
Misc: B658 P83

Id File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 970519 08:49 Last Qcal Time: 980707 14:14

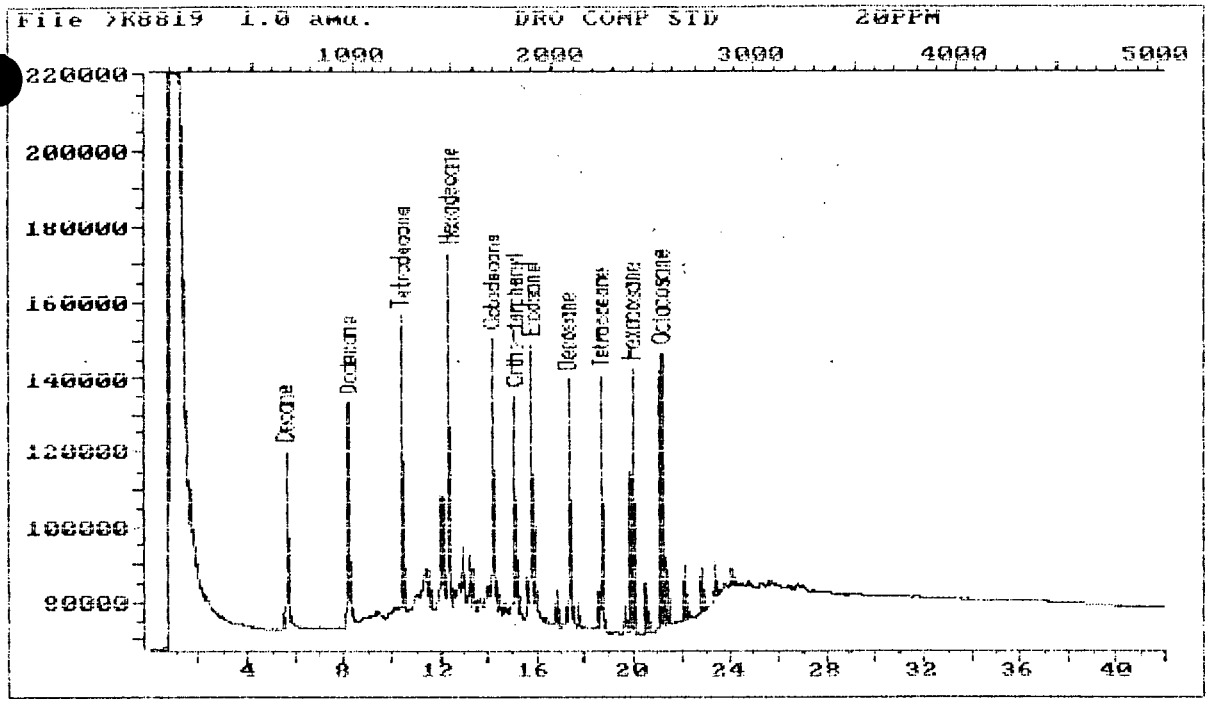
Operator ID: RHODERICK
Quant Time : 980708 19:09
Injected at: 980708 18:25

Operator ID: CLIFF Quant Rev: 7 Quant Time: 991208 13:21
Output File: ^K8819::QT Injected at: 991208 12:37
Data File: >K8819::G1 Dilution Factor: 1.00000
Name: DRO COMP STD Instrument ID: I
Misc: 20PPM

ID File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 980901 12:12 Last Qcal Time: 991118 10:00

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Decane	5.53	664	187311	21.41	MG/L	100
2)	#Dodecane	8.14	977	207079M	19.96	MG/L	100
3)	#Tetradecane	10.38	1245	209126M	19.63	MG/L	100
4)	#Hexadecane	12.36	1483	312834	27.61	MG/L	100
5)	#Octadecane	14.15	1698	227583	17.18	MG/L	100
6)	#Ortho-terphenyl	15.08	1809	274095	21.27	MG/L	100
7)	#Eicosane	15.77	1893	256613M	18.49	MG/L	100
8)	#Decosane	17.27	2072	253096	19.73	MG/L	100
9)	#Tetracosane	18.65	2238	225343	21.26	MG/L	100
10)	#Hexacosane	19.92	2390	237025	22.36	MG/L	100
11)	#Octacosane	21.11	2533	238109	20.92	MG/L	100

Compound uses ESTD



Data File: >K8819::G1 Quant Output File: ^K8819::QT
Name: DRO COMP STD Instrument ID: I
Misc: 20PPM

Id File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 980901 12:12 Last Qcal Time: 991118 10:00

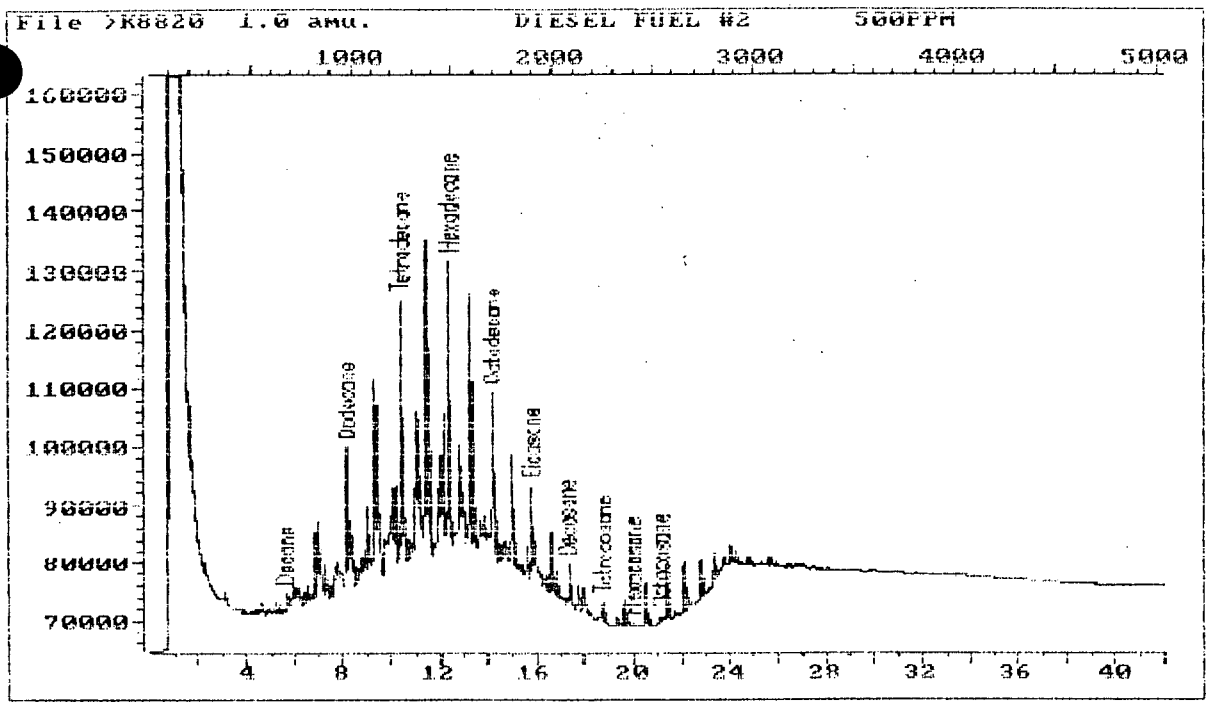
Operator ID: CLIFF
Quant Time : 991208 13:21
Injected at: 991208 12:37

rator ID: CLIFF Quant Rev: 7 Quant Time: 991208 15:54
Output File: ^K8820::QT Injected at: 991208 14:11
Data File: >K8820::G1 Dilution Factor: 1.00000
Name: DIESEL FUEL #2 Instrument ID: I
Misc: 500PPM

ID File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 980901 12:12 Last Qcal Time: 991208 12:37

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Decane	5.58	670	17348	1.85	MG/L	100
2)	#Dodecane	8.14	977	99643	9.62	MG/L	100
3)	#Tetradecane	10.38	1245	125908	12.04	MG/L	100
4)	#Hexadecane	12.36	1483	183233	11.71	MG/L	100
5)	#Octadecane	14.15	1698	87064	7.65	MG/L	100
7)	#Eicosane	15.77	1893	84384	6.58	MG/L	100
8)	#Decosane	17.27	2072	26052	2.06	MG/L	100
9)	#Tetracosane	18.72	2246	15735	1.40	MG/L	100
10)	#Hexacosane	19.93	2392	3423	.289	MG/L	100
11)	#Octacosane	21.12	2534	7115	.598	MG/L	100

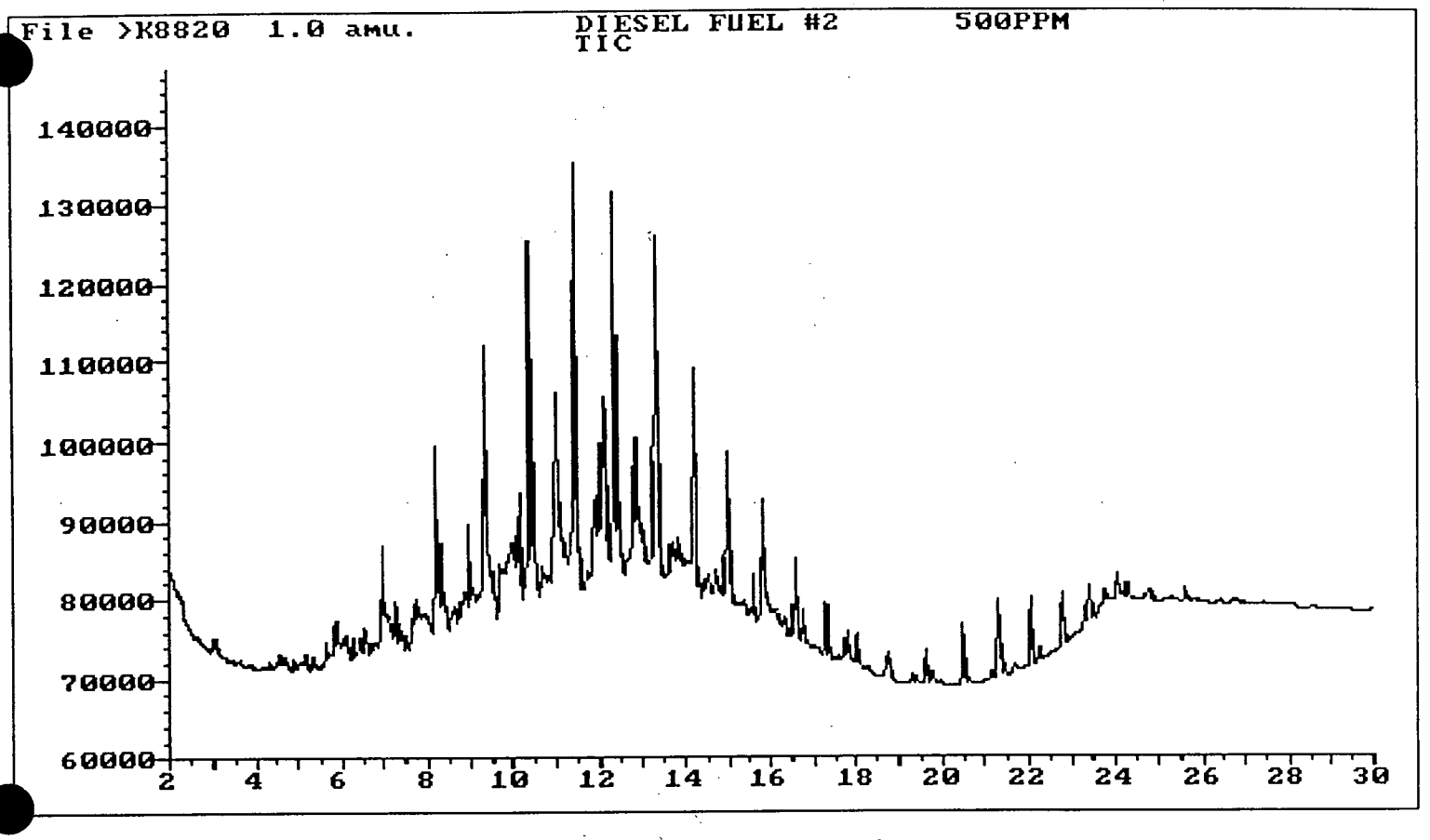
#Compound uses ESTD



Data File: >K8820::G1 Quant Output File: ^K8820::QT
Name: DIESEL FUEL #2 Instrument ID: I
Misc: 500PPM

Id File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 980901 12:12 Last Qcal Time: 991208 12:37

Operator ID: CLIFF
Quant Time : 991208 15:54
Injected at: 991208 14:11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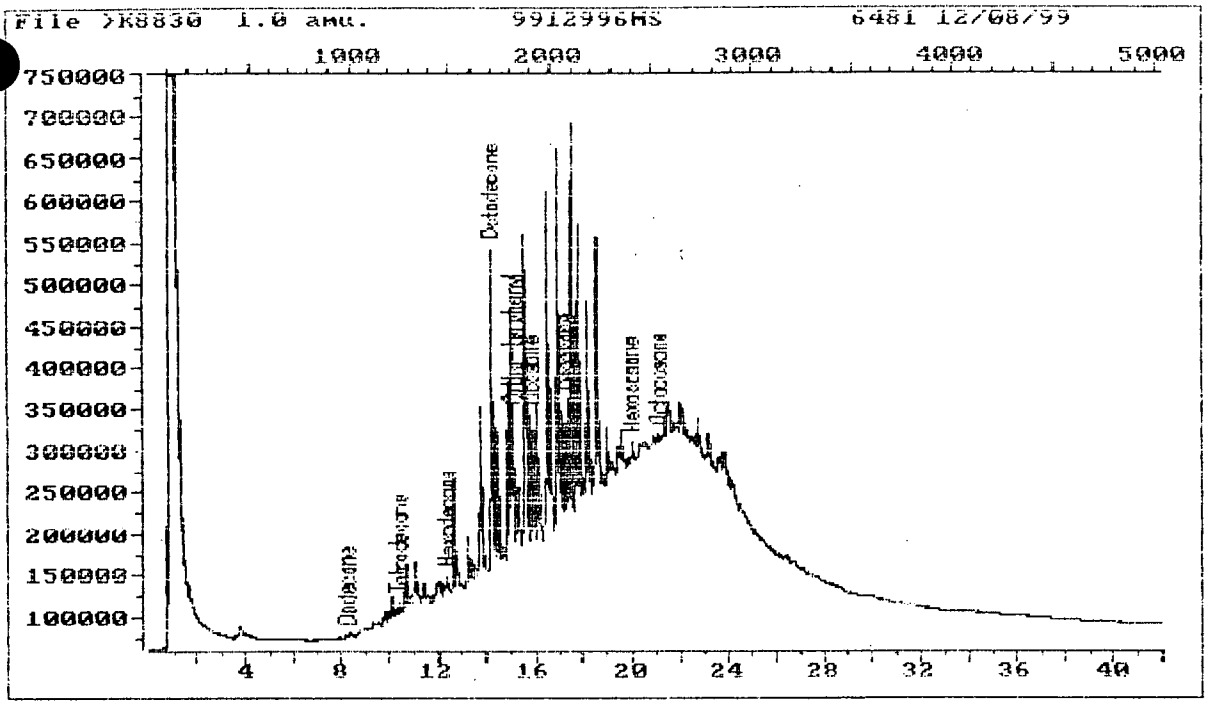
rator ID: CLIFF Quant Rev: 7 Quant Time: 991209 03:18
Output File: ^K8830::QT Injected at: 991209 02:35
Data File: >K8830::G4 Dilution Factor: 1.00000
Name: 9912996MS Instrument ID: I
Misc: 6481 12/08/99 OE SP-1

ID File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 980901 12:12 Last Qcal Time: 991208 12:37

	Compound	R.T.	Scan#	Area	Conc	Units	q
2)	#Dodecane	8.19	983	12796	1.24	MG/L	100
3)	#Tetradecane	10.37	1244	49375	4.72	MG/L	100
4)	#Hexadecane	12.33	1480	55652	3.56	MG/L	100
5)	#Octadecane	14.15	1698	1644377	144.51	MG/L	100
6)	#Ortho-terphenyl	15.06	1807	558223	40.73	MG/L	100
7)	#Eicosane	15.80	1896	413284	32.21	MG/L	100
8)	#Decosane	17.25	2070	298987	23.63	MG/L	100
10)	#Hexacosane	19.97	2396	73363	6.19	MG/L	100
11)	#Octacosane	21.07	2528	47719	4.01	MG/L	100

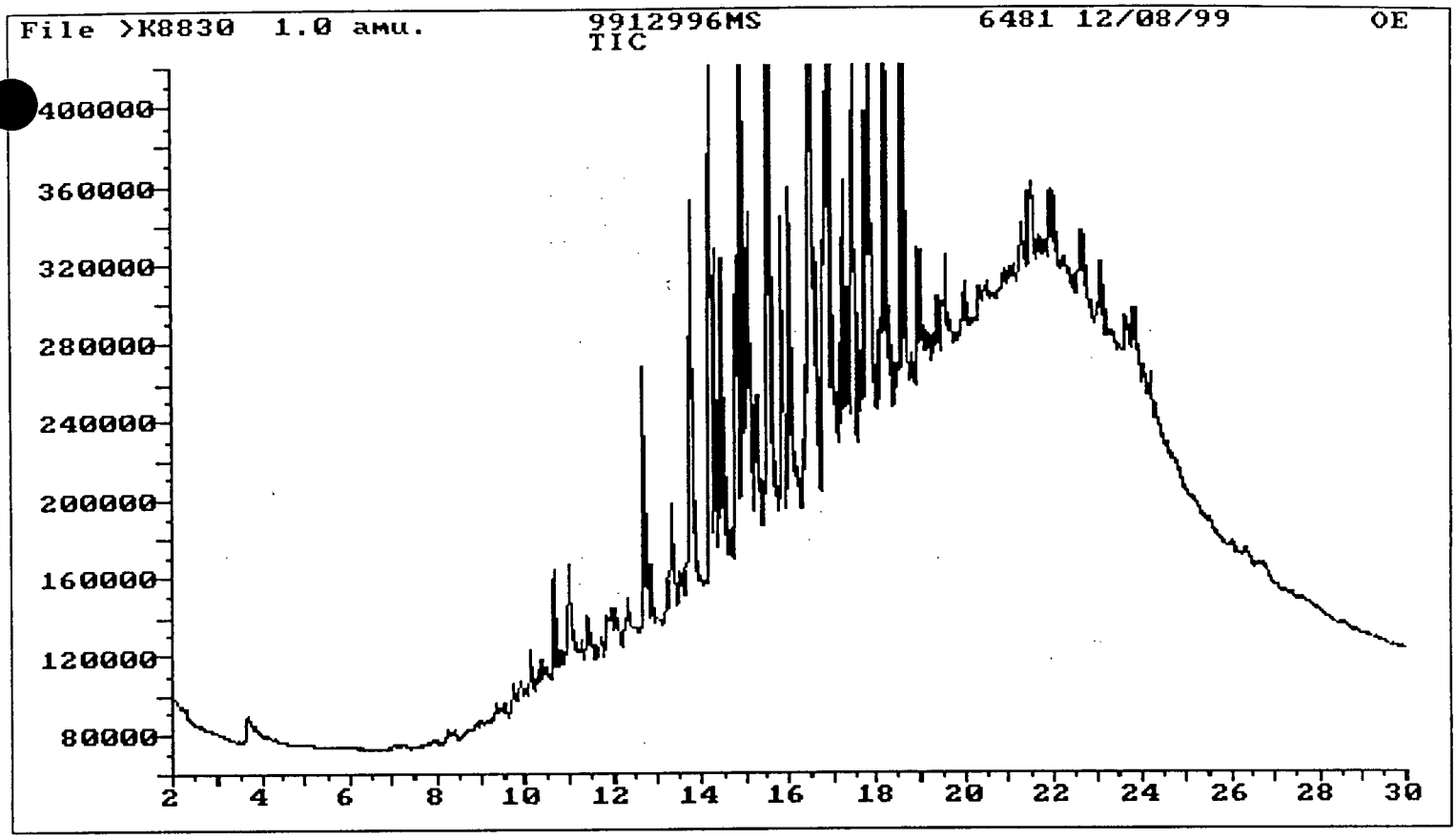
Compound uses ESTD



Data File: >K8830::G4 Quant Output File: ^K8830::QT
Name: 9912996MS Instrument ID: I
Misc: 6481 12/08/99 OE SP-1

Id File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 980901 12:12 Last Qcal Time: 991208 12:37

Operator ID: CLIFF
Quant Time : 991209 03:18
Injected at: 991209 02:35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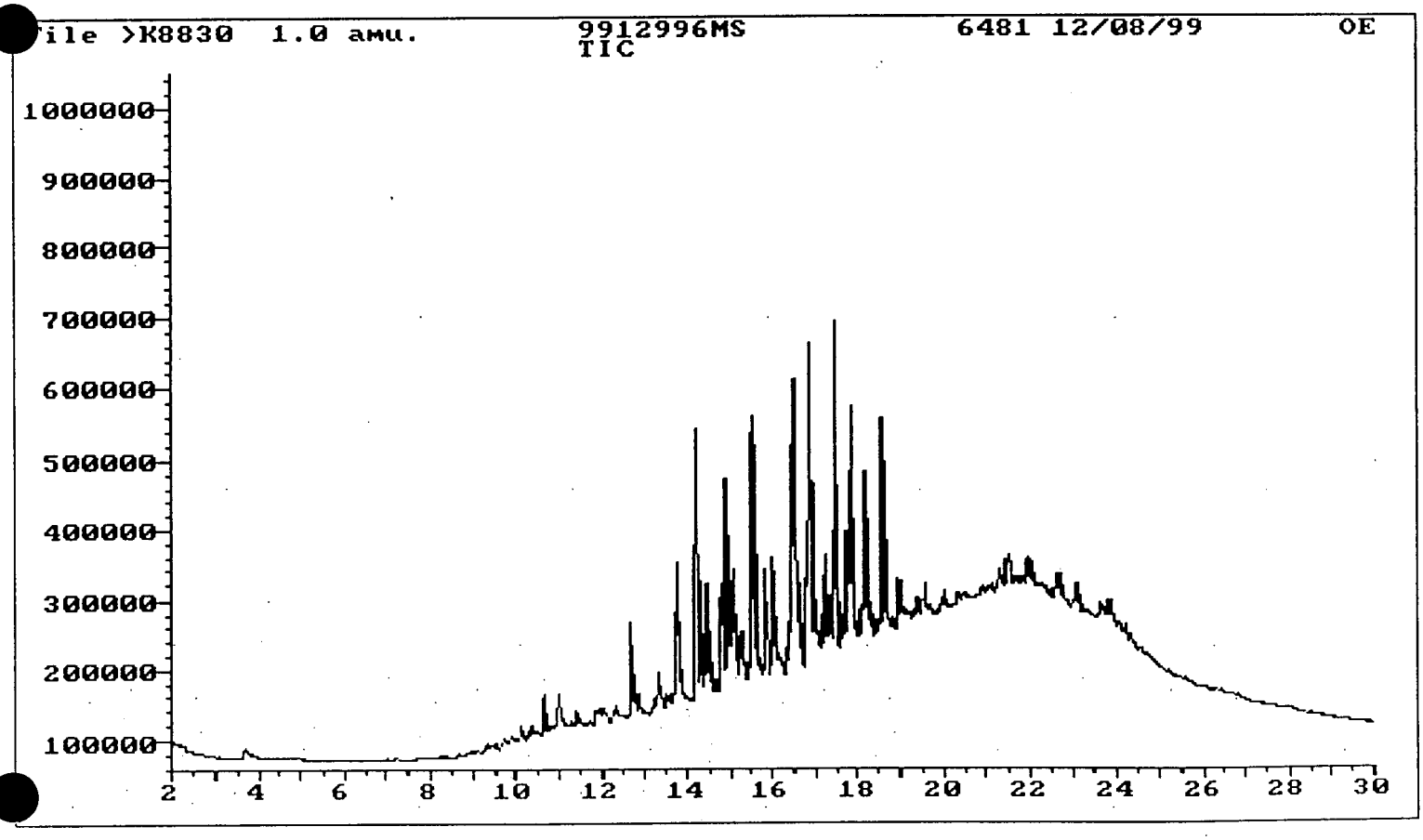
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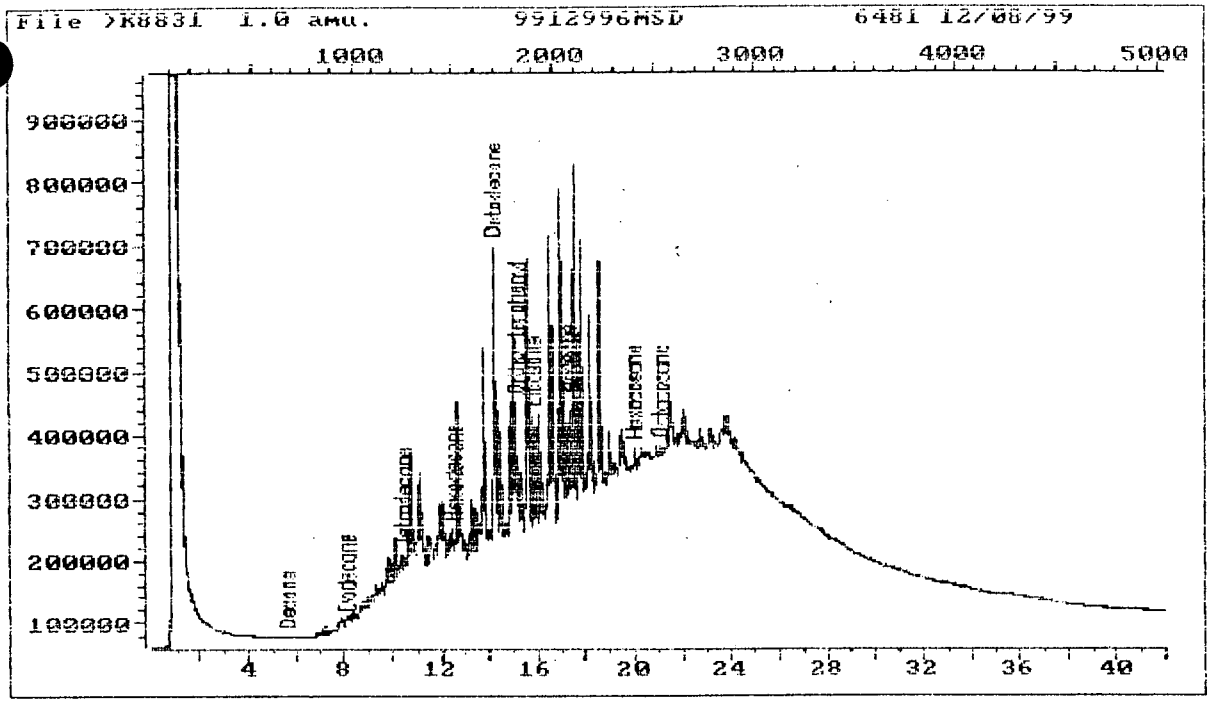
Operator ID: CLIFF Quant Rev: 7 Quant Time: 991209 04:12
Output File: ^K8831::QT Injected at: 991209 03:28
Data File: >K8831::G4 Dilution Factor: 1.00000
Name: 9912996MSD Instrument ID: I
Misc: 6481 12/08/99 OE SP-1

ID File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 980901 12:12 Last Qcal Time: 991208 12:37

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Decane	5.61	673	1719	.184	MG/L	100
2)	#Dodecane	8.08	969	26872	2.60	MG/L	100
3)	#Tetradecane	10.38	1246	119134	11.39	MG/L	100
4)	#Hexadecane	12.45	1494	165099	10.56	MG/L	100
5)	#Octadecane	14.16	1699	2128984	187.10	MG/L	100
6)	#Ortho-terphenyl	15.07	1808	621320	45.34	MG/L	100
7)	#Eicosane	15.80	1896	508741	39.65	MG/L	100
8)	#Decosane	17.25	2070	310782	24.56	MG/L	100
10)	#Hexacosane	19.97	2396	94174	7.95	MG/L	100
11)	#Octacosane	21.05	2526	39040	3.28	MG/L	100

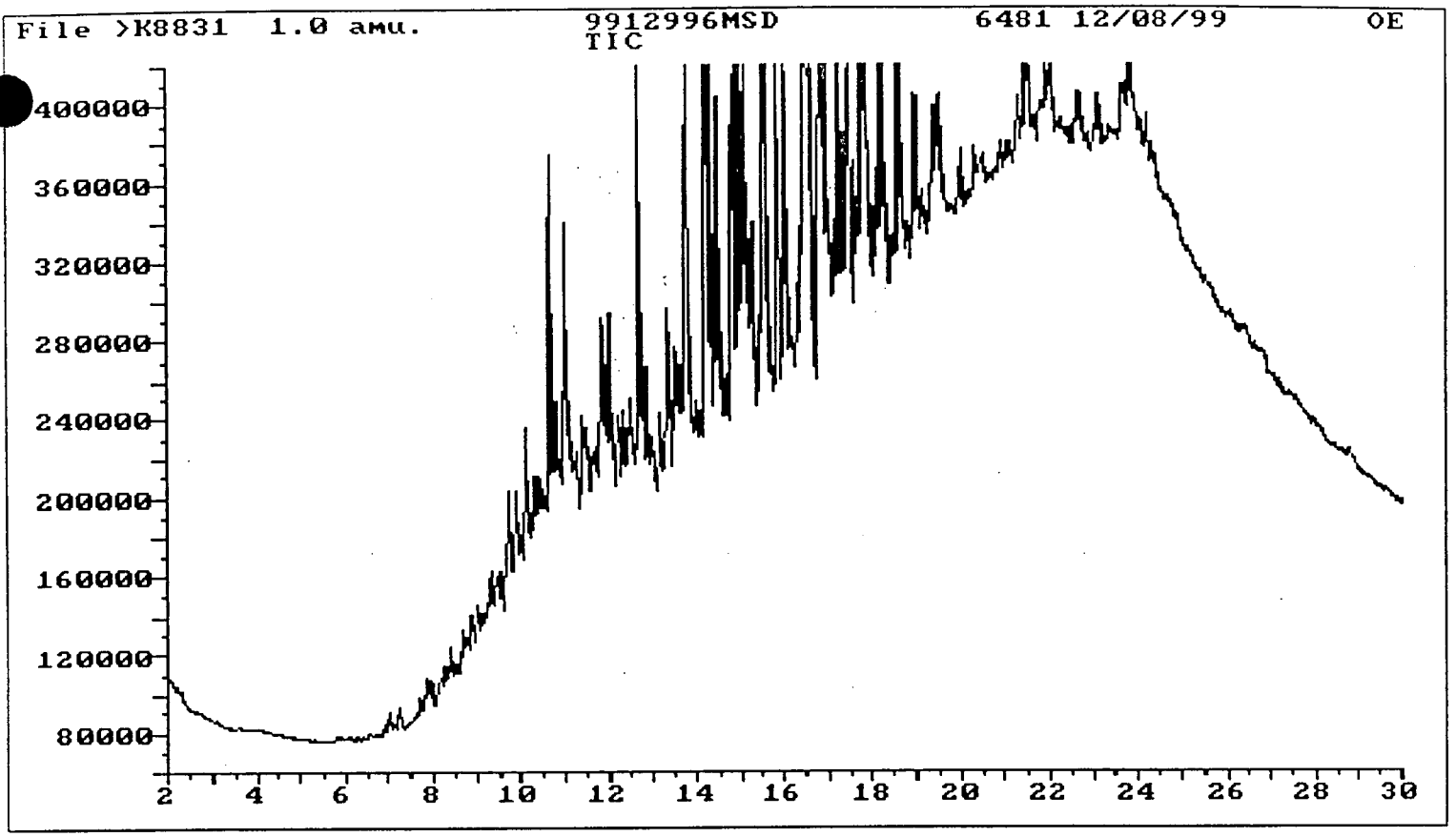
Compound uses ESTD



Data File: >K8831::G4 Quant Output File: ^K8831::QT
Name: 9912996MSD Instrument ID: I
Misc: 6481 12/08/99 OE SP-1

Id File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 980901 12:12 Last Qcal Time: 991208 12:37

Operator ID: CLIFF
Quant Time : 991209 04:12
Injected at: 991209 03:28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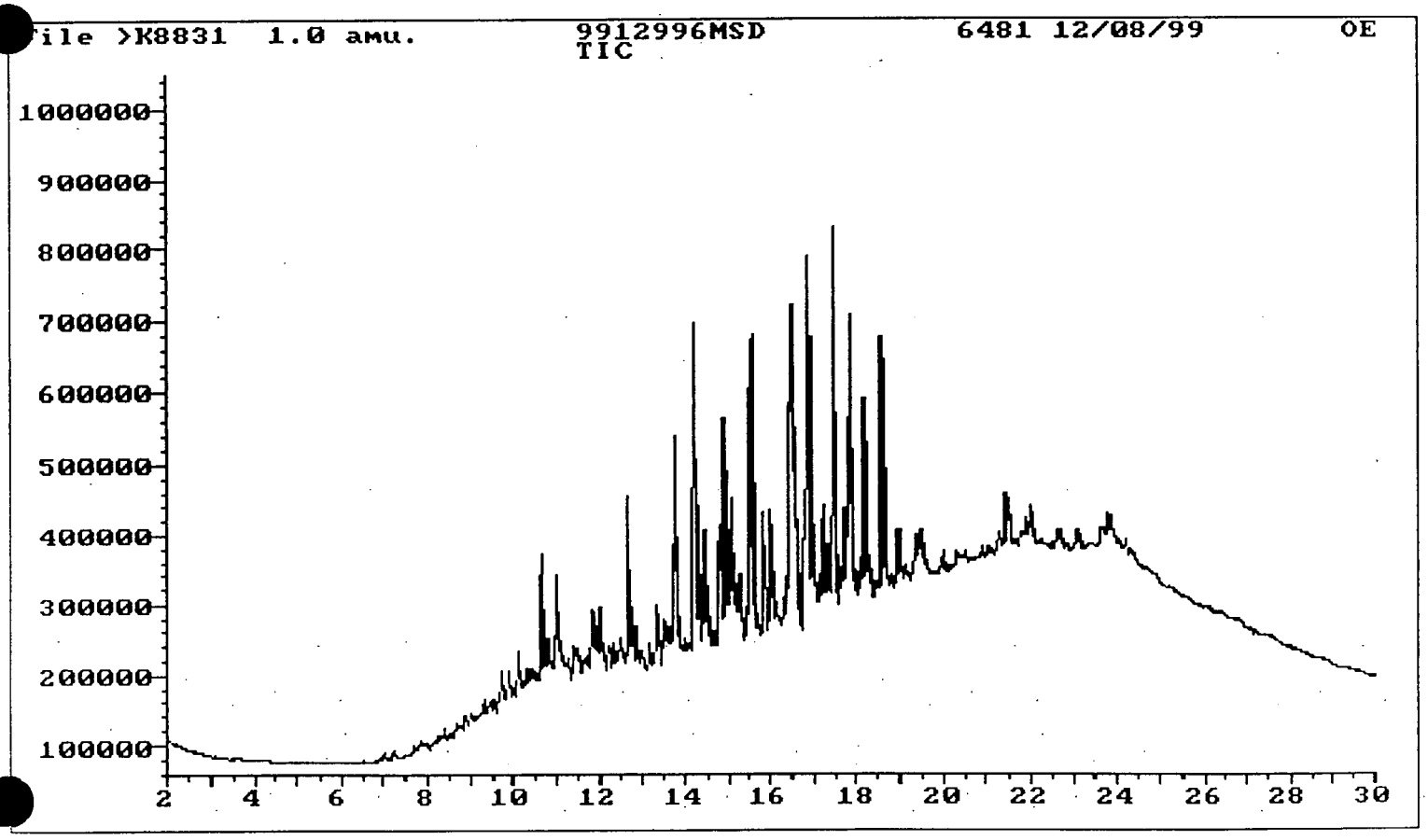
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QUANT REPORT Page 1

rator ID: CLIFF Quant Rev: 7 Quant Time: 991208 21:06
Output File: ^K8823::QT Injected at: 991208 20:23
Data File: >K8823::G1 Dilution Factor: 1.00000
Name: DBLK49 Instrument ID: I
Misc: 12/08/99

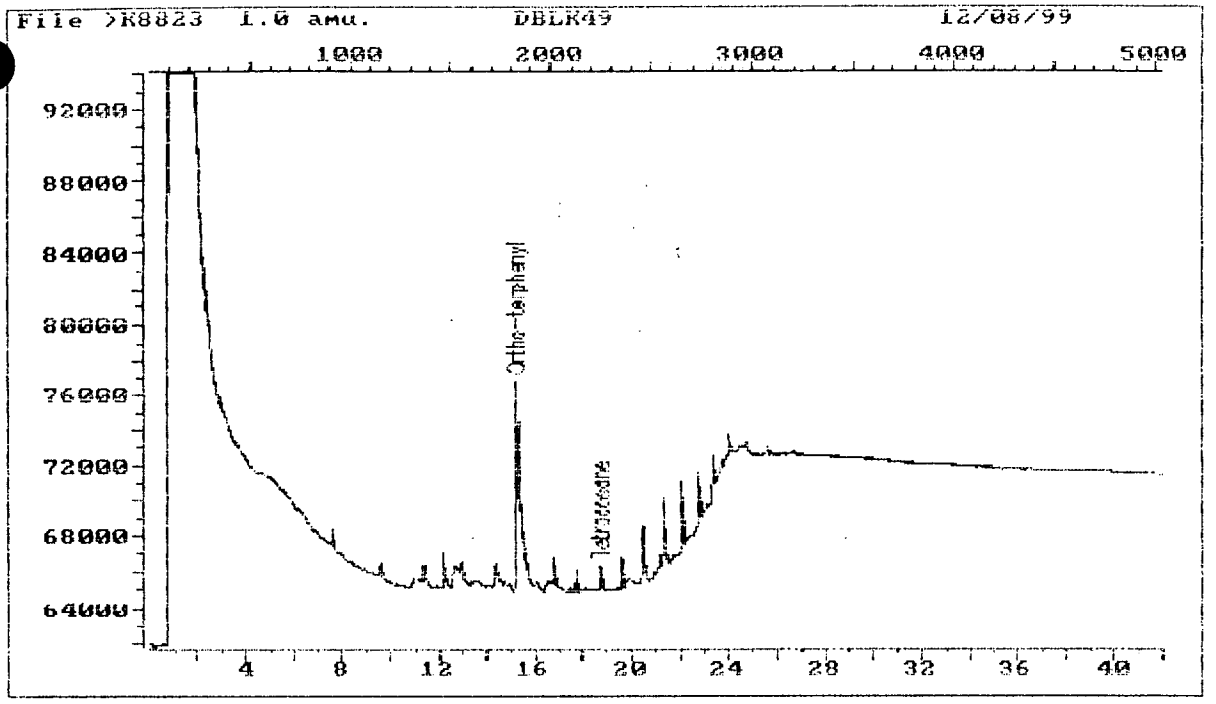
ID File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 980901 12:12 Last Qcal Time: 991208 12:37

Compound	R.T.	Scan#	Area	Conc	Units	q
6) #Ortho-terphenyl	15.17	1820	124515	9.09	MG/L	100
9) #Tetracosane	18.70	2244	6208	.551	MG/L	100

Compound uses ESTD

12/9/99

915



Data File: >K8823::G1 Quant Output File: ^K8823::QT
Name: DBLK49 Instrument ID: I
Misc: 12/08/99

Id File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 980901 12:12 Last Qcal Time: 991208 12:37

Operator ID: CLIFF
Quant Time : 991208 21:06
Injected at: 991208 20:23

716

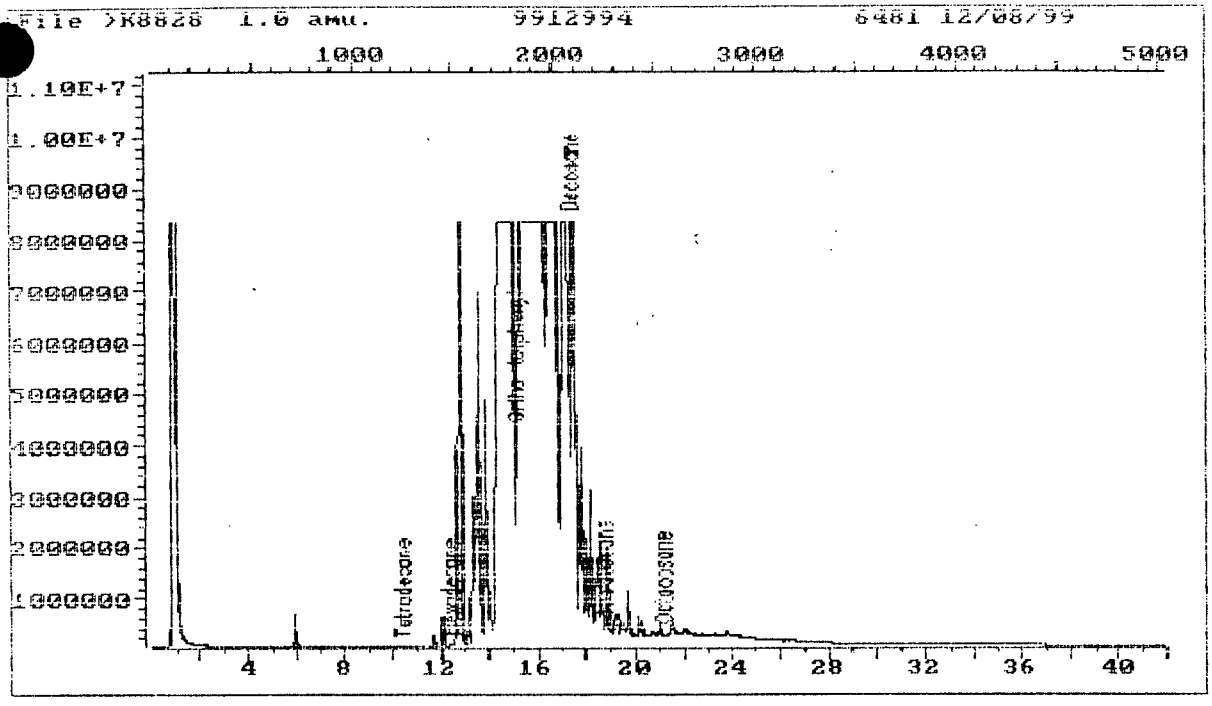
rator ID: CLIFF Quant Rev: 7 Quant Time: 991209 01:32
utput File: ^K8828::QT Injected at: 991209 00:48
ata File: >K8828::G1 Dilution Factor: 1.00000
ame: 9912994 Instrument ID: I
isc: 6481 12/08/99 OE DCOMP-1

D File: I3DROA::G5
itle: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
ast Calibration: 980901 12:12 Last Qcal Time: 991208 12:37

Compound	R.T.	Scan#	Area	Conc	Units	q
~~3) #Tetradecane~~	10.40	1248	6532	.625	MG/L	100
~~4) #Hexadecane~~	12.36	1483	17160	1.10	MG/L	100
6) #Ortho-terphenyl	15.08	1810	6208847	453.04	MG/L	100
~~8) #Decosane~~	17.36	2083	2886368	228.08	MG/L	100
~~9) #Tetracosane~~	18.67	2240	182014	16.15	MG/L	100
~~11) #Octacosane~~	21.12	2534	61411	5.16	MG/L	100

Compound uses ESTD

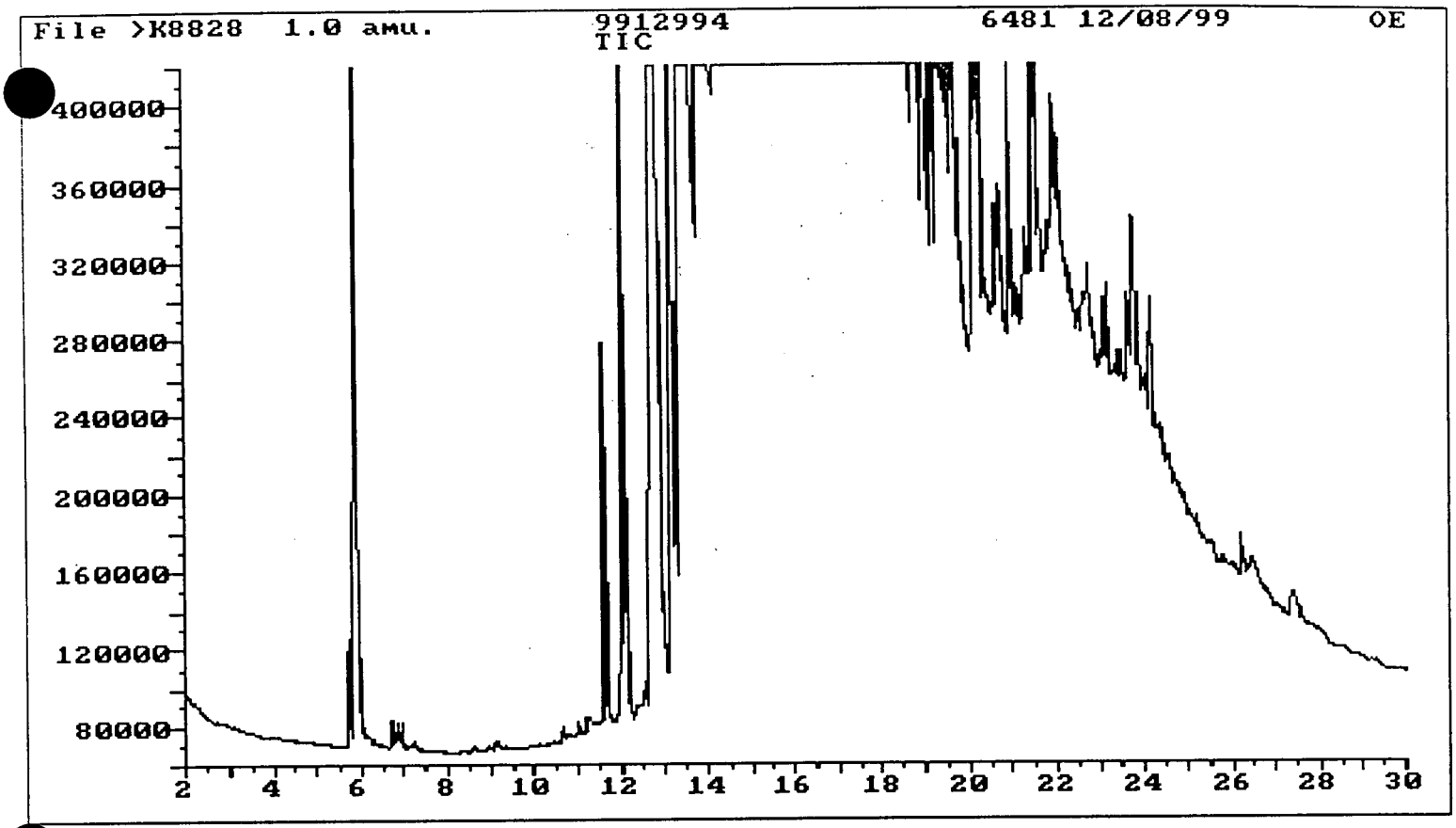
12/8/99



Data File: >K8828::G1 Quant Output File: ^K8828::QT
Name: 9912994 Instrument ID: I
Misc: 6481 12/08/99 OE DCOMP-1

Id File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 980901 12:12 Last Qcal Time: 991208 12:37

Operator ID: CLIFF
Quant Time : 991209 01:32
Injected at: 991209 00:48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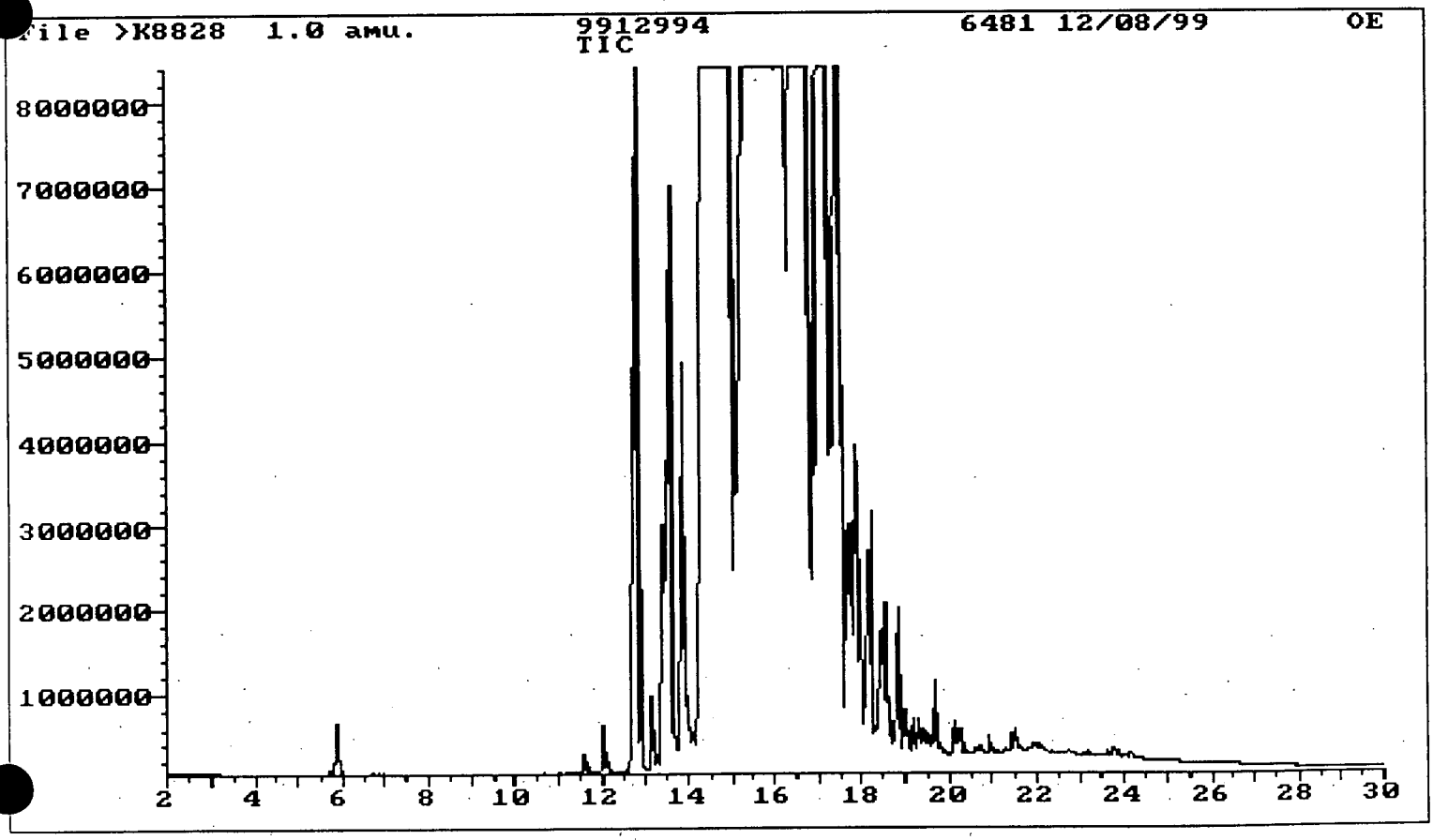
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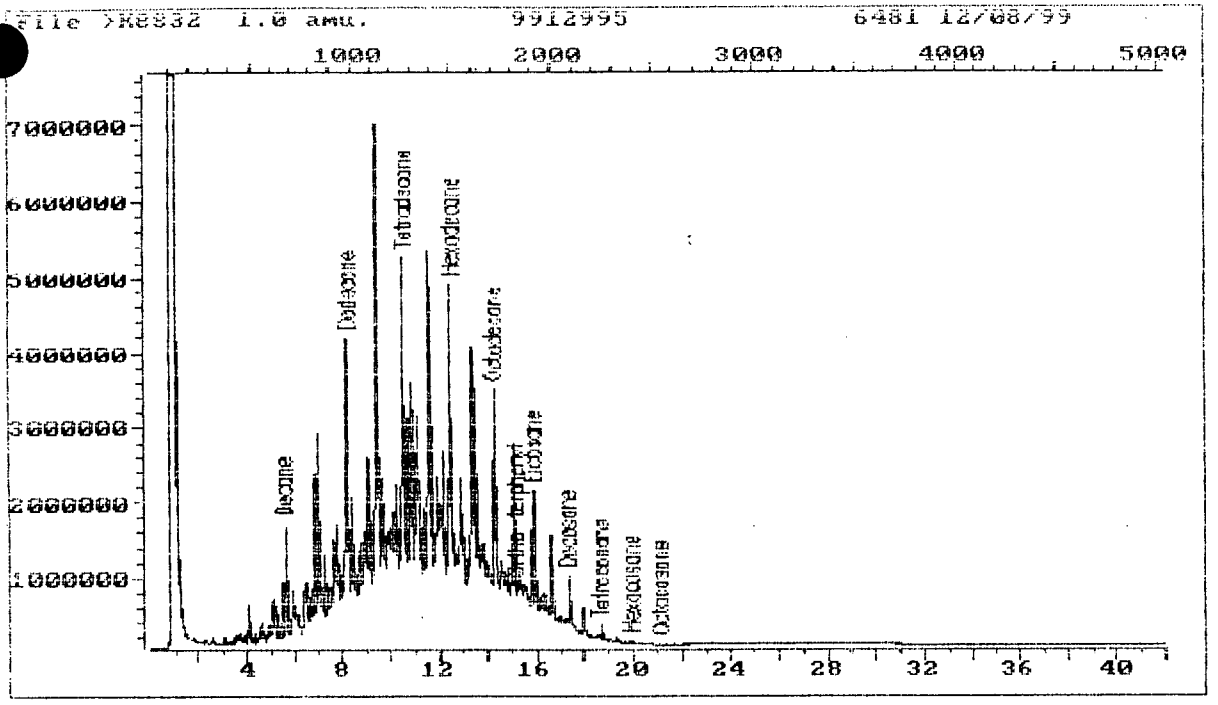
719

rator ID: CLIFF Quant Rev: 7 Quant Time: 991209 05:05
utput File: ^K8832::QT Injected at: 991209 04:21
ata File: >K8832::G4 Dilution Factor: 1.00000
ame: 9912995 Instrument ID: I
isc: 6481 12/08/99 OE DCOMP-2

D File: I3DROA::G5
itle: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
ast Calibration: 980901 12:12 Last Qcal Time: 991208 12:37

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	#Decane	5.53	664	4119564	439.86	MG/L	100
2)	#Dodecane	8.19	983	12829270	1239.07	MG/L	100
3)	#Tetradecane	10.48	1258	16329082M	1561.65	MG/L	
4)	#Hexadecane	12.46	1495	16134044	1031.48	MG/L	100
5)	#Octadecane	14.23	1707	9307704	817.96	MG/L	100
6)	#Ortho-terphenyl	15.09	1811	324963M	23.71	MG/L	100
7)	#Eicosane	15.83	1899	4872033	379.72	MG/L	100
8)	#Decosane	17.28	2073	1850571	146.23	MG/L	100
9)	#Tetracosane	18.63	2235	554784	49.24	MG/L	100
10)	#Hexacosane	19.89	2387	132601	11.19	MG/L	100
11)	#Octacosane	21.08	2530	25108	2.11	MG/L	100

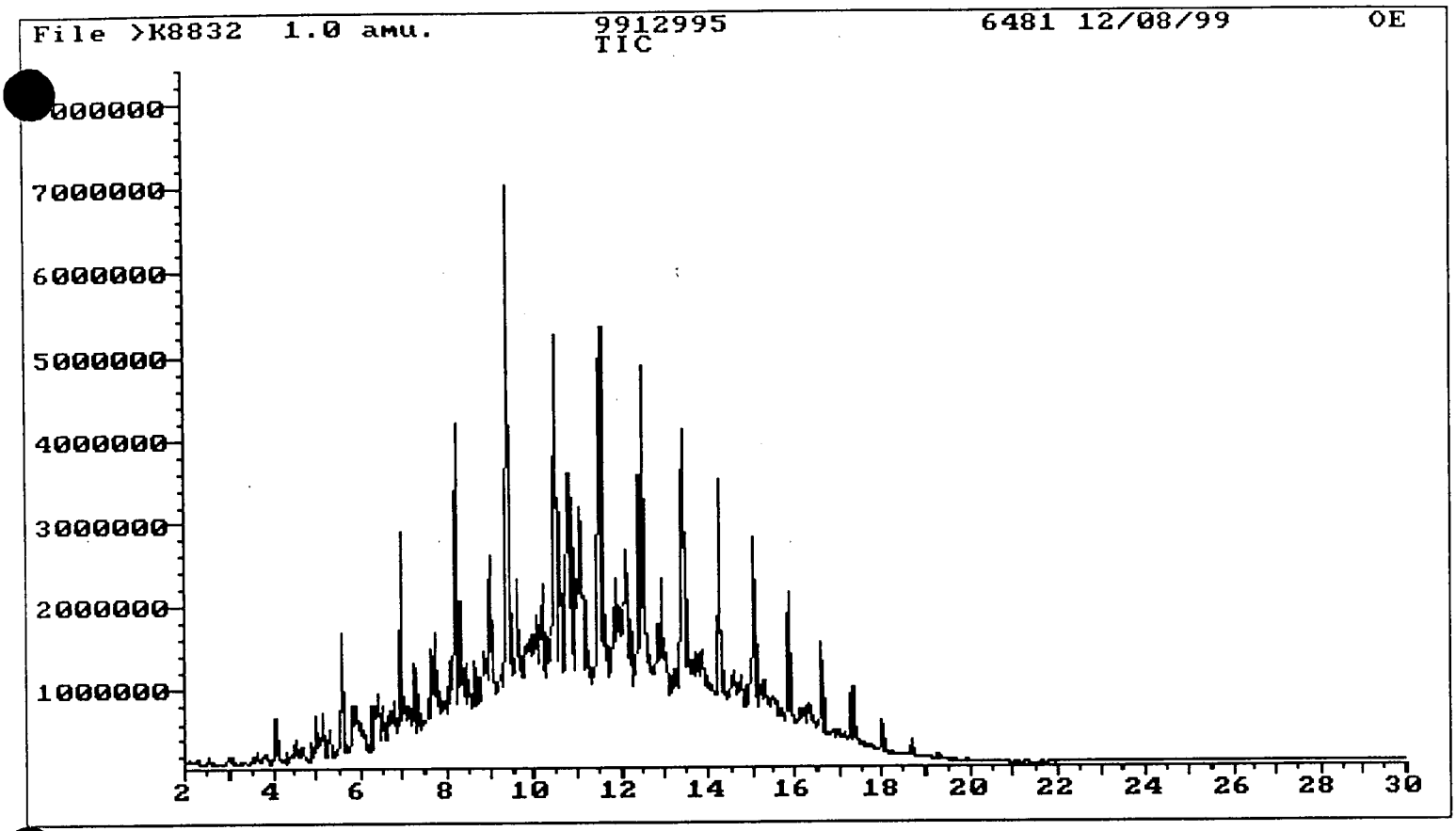
Compound uses ESTD



Data File: >K8832::G4 Quant Output File: ^K8832::QT
Name: 9912995 Instrument ID: I
Misc: 6481 12/08/99 OE DCOMP-2

Id File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 980901 12:12 Last Qcal Time: 991208 12:37

Operator ID: CLIFF
Quant Time : 991209 05:05
Injected at: 991209 04:21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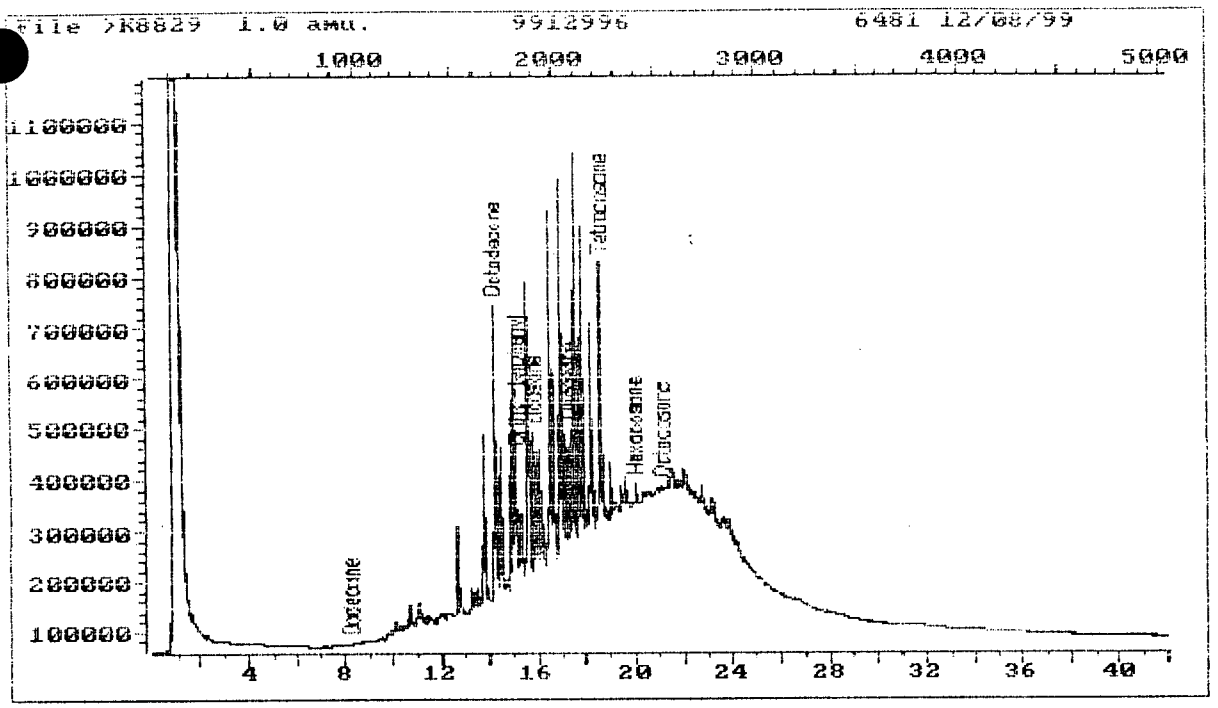
Operator ID: CLIFF Quant Rev: 7 Quant Time: 991209 02:25
Output File: ^K8829::QT Injected at: 991209 01:42
Data File: >K8829::G1 Dilution Factor: 1.00000
Name: 9912996 Instrument ID: I
Misc: 6481 12/08/99 OE SP-1

ID File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 980901 12:12 Last Qcal Time: 991208 12:37

Compound	R.T.	Scan#	Area	Conc	Units	q
~~2) #Dodecane~~	8.19	983	3096	.299	MG/L	100
~~5) #Octadecane~~	14.15	1698	2430316	213.58	MG/L	100
6) #Ortho-terphenyl	15.07	1808	611334	44.61	MG/L	100
~~7) #Eicosane~~	15.80	1896	750696	58.51	MG/L	100
~~8) #Decosane~~	17.26	2071	494452	39.07	MG/L	100
~~9) #Tetracosane~~	18.56	2227	1575576	139.84	MG/L	100
~~10) #Hexacosane~~	19.97	2396	125848	10.62	MG/L	100
~~11) #Octacosane~~	21.05	2526	36576	3.07	MG/L	100

Compound uses ESTD

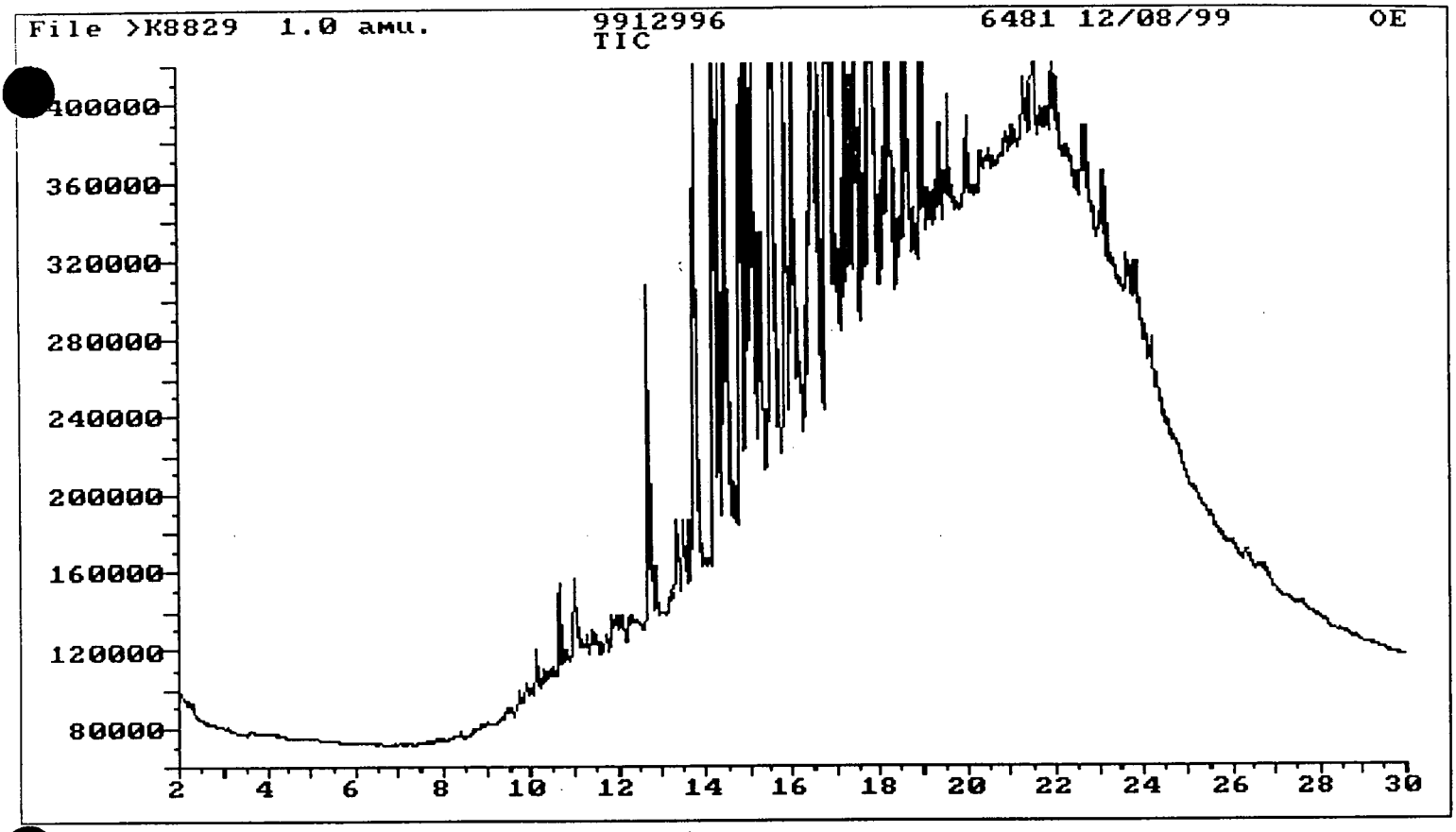
12/9/99



Data File: >K8829::G1 Quant Output File: ^K8829::QT
Name: 9912996 Instrument ID: I
Misc: 6481 12/08/99 OE SP-1

Id File: I3DROA::G5
Title: DRO BY GC FID RTX-5 30m 0.53mm 1.5um
Last Calibration: 980901 12:12 Last Qcal Time: 991208 12:37

Operator ID: CLIFF
Quant Time : 991209 02:25
Injected at: 991209 01:42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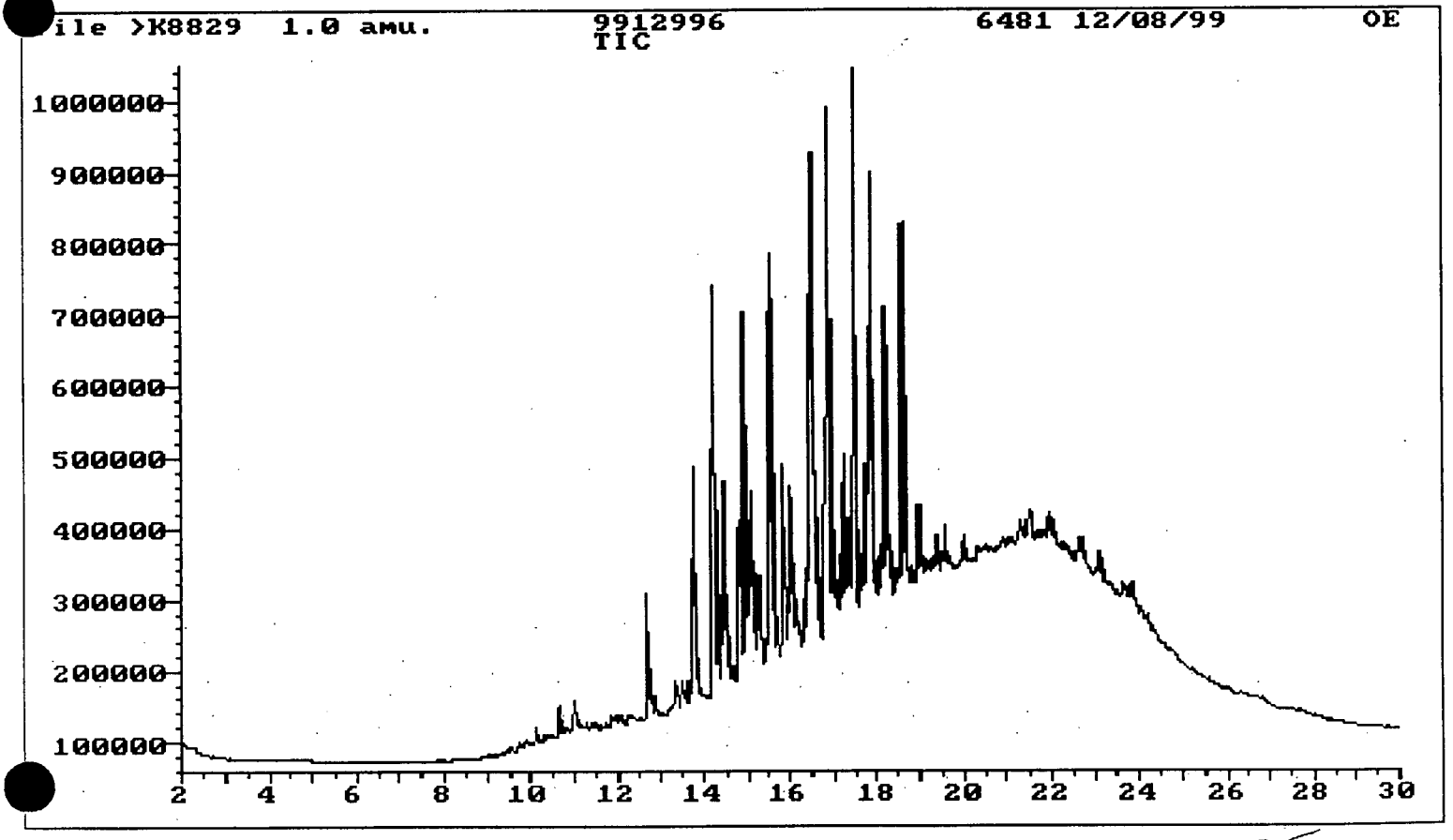
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ACCREDITED LABORATORIES, INC.

Implementing Tomorrow's Technology, Today™....

Analytical Data Report

for

Oxford Environmental
43 Rt. 46 East
Pine Brook, NJ 07058

Project: Cornell Dubilier

Accredited Laboratories Case No.: 9536
Date Received: 09/25/00

Field ID	Laboratory Sample #
WC-1	200011861

Accredited Laboratories, Inc. New Jersey Certification Number 12007. This data has been reviewed and accepted by:

Theodore C. Gaydos
Technical Director

(732) 541-2025 *CORPORATE OFFICES* FAX (732) 541-1383
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CHAIN OF CUSTODY FORM

PAGE 1 OF 1

CLIENT	Exxon DSC Newark/Oxford	PROJECT	Cornell Publicis
ADDRESS	43 Rt 46E, Suite 702	CONTACT	- T. Francisco
CITY	Pine Brook	PHONE	973/244-0600
STATE	NJ ZIP 07058	FAX	973/244-0722

ALI SAMPLE #	FIELD ID	*C	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
0011861	WC-1	1	S	09/20/00 1430	Soil	TPH, Ignitability
						Reactivity, pH TOX
						PCB, TCLP
						Metals, TCLP
						Herbicides TCLP
						Pesticides, ~~TCLP~~
	WC-1	1	S	"	Soil	TCLP Semi Volatiles
						TCLP Volatiles
	WC-1	1	S	"	Soil	BTX

**M = MATRIX A=AQUEOUS S=SOIL G=SLUDGE P=POTABLE WATER O=OIL F=FILTER K=SOLID X=OTHER

*C = NO. CONTAINERS TURNAROUND: 2 Weeks (Std) (If Blank, Std. ~~3 weeks~~ 2)

DELIVERABLES (circle one) STD ~~2 weeks~~ REDUCED FULL NY-ASP CLP I CLP II

RELINQUISHED BY: PRINT	SIGN	RECEIVED BY: PRINT	SIGN	ORGANIZATION	DATE	TIME	REASON
J. Arulco	[signature]	K. Roberts	[signature]	ALI	9/25	12:45	Transport
K Roberts	[signature]	Jason Miller	[signature]	ALI	9/25/00		Analysis

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: SIGN:

COMMENTS		ALI QUOTE#	
		ALI CASE#	9536
		P.O.#	

METHODOLOGY SUMMARY

BTEX - EPA 8260 (soil)

An inert gas is bubbled through a mixture of a 5 g sample and reagent water at elevated temperature. Alternatively the soil is extracted with methanol. A portion of extract is spiked into a purging vessel and purged by an inert gas. The vapor is swept through a sorbent column where the BTEX organics are trapped. When purging is completed, the sorbent column is heated and back-flushed with the inert gas to desorb the BTEX onto a GC column. The GC is temperature programmed to separate the BTEX which are then detected with a mass spectrometer.

Flash Point - EPA 1010

The sample is heated at a slow constant rate with continual stirring. A small flame is directed into the cup at regular intervals with simultaneous interruption of stirring. The flash point is the lowest temperature at which application of the test flame ignites the vapor above the sample. The method is followed according to EPA "Test Methods for Evaluating Solid Waste", SW-846, 3rd ed., 1986.

PCB's - EPA 8082 (soil/solid)

A 30 gram portion of solid is mixed with anhydrous sodium sulfate and is extracted with 1:1 methylene chloride and acetone using sonication technique. The extract is separated from the sample by either centrifugation or filtration. The extract is then solvent-exchanged to hexane in a K-D concentrator to a final volume of 10 ml. The extract is injected into a gas chromatograph and the compounds in the GC effluent are detected by an electron capture detector.

pH - EPA 9045 (soil)

The soil sample is mixed either with Type II water or with a calcium chloride solution. The pH of the mixed solution is then measured with a pH meter.

Reactive Sulfide - SW 846, 7.3.4.1 (solid)

An aliquot of the waste is acidified with 0.01 N sulfuric acid in a closed system. The gas generated is swept into a scrubber. The sulfide in the scrubber solution is first reacted with iodine. The excess iodine is then back-titrated with phenylarsine oxide. The concentration of sulfide is determined through the back calculation of iodine being consumed. The method is derived from EPA "Test Methods for Evaluating Solid Waste, SW846, 3rd ed., 1986".

Reactive Cyanide - SW 846, 7.3.3.2 (solid)

An aliquot of the waste is acidified with 0.01 N sulfuric acid in a closed system. The gas generated is swept into a scrubber. The analyte is quantified by manual colorimetric method. The method is derived from EPA "Test Methods for Evaluating Solid Waste, SW846, 3rd ed., 1986".

Toxic Characteristic Leaching Procedure - TCLP (EPA Method 1311)

Before the leaching procedure can be initiated, the information regarding the wet % and dry % solid of the solid sample as well as the utilization of extraction fluid, either #1 or #2, must be determined.

For Volatile Analysis, a special extractor called Zero Headspace Extractor (ZHE) must be used to generate the TCLP leachate. A maximum of 25 grams of sample is placed in the vessel as the liquid portion is pressed out and saved. A 20X of extraction fluid #1 is charged into the vessel. After 18 +/- 2 hours rotation at 30 +/- 2 rpm, the liquid is pressed out of the vessel. The leachate from ZHE is combined with the initial liquid portion, if any. This is referred as TCLP Leachate. The contaminants in the leachate is determined by EPA Method 8260.

For Non-Volatile Analysis, a minimum of 100 grams is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate, if any, is saved. A 20X of extracted fluid, either #1 or #2, is charged in the glass extraction bottle and then rotated at 30 +/- 2 rpm for 18 +/- 2 hours. After rotation, the sample is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate is combined with the initial liquid, if any. This is referred as TCLP Leachate. The contaminants of Base Neutrals/Acids (BNA), pesticides and herbicides in the leachate are determined by EPA Method 8270, EPA Method 8081 and 8150 respectively.

For the Metal Analysis, a minimum of 100 grams is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate, if any, is saved. A 20X of extracted fluid, either #1 or #2, is charged in the glass or plastic extraction bottle and then rotated at 30 +/- rpm for 18 +/- 2 hours. After rotation, the sample is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate is combined with the initial liquid, if any. This is referred as TCLP Leachate. The contaminants of Metals in the leachate is determined by EPA Method 7471 for mercury, Method 7060 for arsenic, Method 7740 for selenium and Method 6010 (ICAP) and/or Method 7000's (Flame-AA) for the rest of metals.

Petroleum Hydrocarbons - Modified EPA 418.1 (soil)

A 30 gram portion of soil is extracted with fluorocarbon 113. Interferences are removed with silica gel adsorbent. Infrared analysis of the extract is performed by direct comparison with standards.

Total Organic Halides - (solid)

Approximately 1.0 grams of sample is oxidized by combustion in a bomb containing oxygen under pressure. The chlorine thus liberated from organic matrix is absorbed in a sodium carbonate solution. The amount of chloride in the rinsate is determined by a standard mercuric nitrate solution titrimetrically. Then a 5 gram sample is extracted with deionized distilled water for four hours. The inorganic chloride concentration in the leachate is determined by standard mercuric nitrate solution titrimetrically. The total organic halides is determined by the differences between the total chloride amount generated from the bomb combustion procedure and the inorganic chloride generated from the leachating procedure.

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	9536	MATRIX	Soil
SAMPLE NUMBER	0011661	DILUTION FACTOR	1.0
DATA FILE	>C2958	DATE EXTRACTED	
CLIENT NAME	OE	DATE ANALYZED	10/02/00
FIELD ID	WC-1	ANALYZED BY	WILLIAM

CAS #	COMPOUND	UG/KG	MDL
71432	Benzene	U	6
108883	Toluene	U	6
100414	Ethylbenzene	U	6
1330207	m,p-Xylene	U	12
95476	o-Xylene	U	6

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	91 %	70-121	OK
Toluene-d8	88 %	81-117	OK
Bromofluorobenzene	75 %	74-121	OK

Percent solid of 84.3 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
I - Result exceeds industrial surface soil standards.*
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard
R - Result exceeds residential surface soil standards.*

* Flags are based on New Jersey Soil Cleanup Criteria from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER		MATRIX	Soil
SAMPLE NUMBER	VBLKC08	DILUTION FACTOR	1.0
DATA FILE	>C2945	DATE EXTRACTED	
CLIENT NAME		DATE ANALYZED	10/01/00
FIELD ID		ANALYZED BY	WILLIAM

CAS #	COMPOUND	UG/KG	MDL
71432	Benzene	U	5
108883	Toluene	U	5
100414	Ethylbenzene	U	5
1330207	m,p-Xylene	U	10
95476	o-Xylene	U	5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	87 %	70-121	OK
Toluene-d8	99 %	81-117	OK
Bromofluorobenzene	101 %	74-121	OK

Percent solid of 100 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
I - Result exceeds industrial surface soil standards.*
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard
R - Result exceeds residential surface soil standards.*

* Flags are based on New Jersey Soil Cleanup Criteria from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC.
TCLP VOLATILES ANALYSIS DATA

CASE NUMBER	9536	MATRIX	Leachate
SAMPLE NUMBER	0011861	DILUTION FACTOR	10
DATA FILE	>A8414	DATE EXTRACTED	
CLIENT NAME	OE	DATE ANALYZED	10/05/00
FIELD ID	WC-1	ANALYZED BY	ROBERT

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene	U	.050	0.5
78933	2-Butanone	U	.100	200.0
56235	Carbon Tetrachloride	U	.050	0.5
108907	Chlorobenzene	U	.050	100.0
67663	Chloroform	U	.050	6.0
75354	1,1-Dichloroethene	U	.050	0.7
107062	1,2-Dichloroethane	U	.050	0.5
127184	Tetrachloroethene	U	.050	0.7
79016	Trichloroethene	U	.050	0.5
75014	Vinyl Chloride	U	.100	0.2

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	107 %	76 - 114	OK
Toluene-d8	109 %	88 - 110	OK
Bromofluorobenzene	106 %	86 - 115	OK

(U) Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Butanone = Methyl ethyl ketone

ACCREDITED LABORATORIES, INC.
TCLP VOLATILES ANALYSIS DATA

CASE NUMBER		MATRIX	Leachate
SAMPLE NUMBER	VBLKA69	DILUTION FACTOR	1
DATA FILE	>A8413	DATE EXTRACTED	
CLIENT NAME		DATE ANALYZED	10/05/00
FIELD ID		ANALYZED BY	ROBERT

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene	U	.005	0.5
78933	2-Butanone	U	.010	200.0
56235	Carbon Tetrachloride	U	.005	0.5
108907	Chlorobenzene	U	.005	100.0
67663	Chloroform	U	.005	6.0
75354	1,1-Dichloroethene	U	.005	0.7
107062	1,2-Dichloroethane	U	.005	0.5
127184	Tetrachloroethene	U	.005	0.7
79016	Trichloroethene	U	.005	0.5
75014	Vinyl Chloride	U	.010	0.2

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	105 %	76 - 114	OK
Toluene-d8	109 %	88 - 110	OK
Bromofluorobenzene	104 %	86 - 115	OK

(U) Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Butanone = Methyl ethyl ketone

TCLP SEMIVOLATILES ANALYSIS DATA

CASE NUMBER	9536	MATRIX	Leachate
SAMPLE NUMBER	0011841	DILUTION FACTOR	10
DATA FILE	>FZ031	DATE EXTRACTED	10/06/00
CLIENT NAME	DE	DATE ANALYZED	10/06/00
FIELD ID	WC-1	ANALYZED BY	JANICE

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
110861	Pyridine	U	.10	5.0
106467	1,4-Dichlorobenzene	U	.10	7.5
95478	2-Methylphenol	U	.10	200.0
108394	3&4-Methylphenol	U	.10	200.0
67721	Hexachloroethane	U	.10	3.0
989103	Nitrobenzene	U	.10	2.0
87683	Hexachlorobutadiene	U	.10	0.5
88062	2,4,6-Trichlorophenol	U	.10	2.0
9109104	2,4,5-Trichlorophenol	U	.50	400.0
121142	2,4-Dinitrotoluene	U	.10	0.13
118741	Hexachlorobenzene	U	.10	0.13
878610	Pentachlorophenol	U	.10	100.0

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
2-Fluorophenol	84 %	21 - 100	OK
Phenol-d5	84 %	10 - 94	OK
Nitrobenzene-d5	121 %	35 - 114	OUT
2-Fluorobiphenyl	110 %	43 - 116	OK
2,4,6-Tribromophenol	91 %	10 - 123	OK
Terphenyl-d14	93 %	33 - 141	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Methylphenol = o-cresol
* 3-Methylphenol = m-cresol
* 4-Methylphenol = p-cresol

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied.

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILES ANALYSIS DATA

CASE NUMBER		MATRIX	Leachate
SAMPLE NUMBER	SBLK95	DILUTION FACTOR	1
DATA FILE	>B1045	DATE EXTRACTED	10/03/00
CLIENT NAME		DATE ANALYZED	10/10/00
FIELD ID		ANALYZED BY	JANICE

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
110861	Pyridine	U	.01	5.0
106467	1,4-Dichlorobenzene	U	.01	7.5
95478	2-Methylphenol	U	.01	200.0
108394	3&4-Methylphenol	U	.01	200.0
67721	Hexachloroethane	U	.01	3.0
989103	Nitrobenzene	U	.01	2.0
87683	Hexachlorobutadiene	U	.01	0.5
88062	2,4,6-Trichlorophenol	U	.01	2.0
9109104	2,4,5-Trichlorophenol	U	.05	400.0
121142	2,4-Dinitrotoluene	U	.01	0.13
118741	Hexachlorobenzene	U	.01	0.13
878610	Pentachlorophenol	U	.01	100.0

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
2-Fluorophenol	51 %	21 - 100	OK
Phenol-d5	46 %	10 - 94	OK
Nitrobenzene-d5	48 %	35 - 114	OK
2-Fluorobiphenyl	55 %	43 - 116	OK
2,4,6-Tribromophenol	62 %	10 - 123	OK
Terphenyl-d14	50 %	33 - 141	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Methylphenol = o-cresol
* 3-Methylphenol = m-cresol
* 4-Methylphenol = p-cresol

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied.

ACCREDITED LABORATORIES, INC.
TCLP PESTICIDES ANALYSIS DATA

CASE NUMBER	9536	MATRIX	Leachate
SAMPLE NUMBER	0011861	DILUTION FACTOR	50
DATA FILE	>G7340	DATE EXTRACTED	10/02/00
CLIENT NAME	OE	DATE ANALYZED	10/03/00
FIELD ID	WC-1	ANALYZED BY	CLIFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
58-89-9	G-BHC (Lindane)	U	.001	0.400
76-44-8	Heptachlor	U	.001	0.008
1024-57-3	Heptachlor Epoxide	U	.001	0.008
72-20-8	Endrin	U	.002	0.02
72-43-5	Methoxychlor	U	.010	10.0
5103-71-9	A-Chlordane	U	.001	0.03
5103-74-2	G-Chlordane	U	.001	0.03
8001-35-2	Toxaphene	U	.050	0.5

SURROGATE COMPOUNDS	RECOVERY	ADVISORY LIMITS	STATUS
DCB	98%	30 - 150	OK
Tetrachloro-m-xylene	59%	30 - 150	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC.
TCLP PESTICIDES ANALYSIS DATA

CASE NUMBER		MATRIX	Leachate
SAMPLE NUMBER	PBLK65	DILUTION FACTOR	50
DATA FILE	>G7327	DATE EXTRACTED	10/02/00
CLIENT NAME		DATE ANALYZED	10/02/00
FIELD ID		ANALYZED BY	CLIFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
58-89-9	G-BHC (Lindane)	U	.001	0.400
76-44-8	Heptachlor	U	.001	0.008
1024-57-3	Heptachlor Epoxide	U	.001	0.008
72-20-8	Endrin	U	.002	0.02
72-43-5	Methoxychlor	U	.010	10.0
5103-71-9	A-Chlordane	U	.001	0.03
5103-74-2	G-Chlordane	U	.001	0.03
8001-35-2	Toxaphene	U	.050	0.5

SURROGATE COMPOUNDS	RECOVERY	ADVISORY LIMITS	STATUS
DCB	147%	30 - 150	OK
Tetrachloro-m-xylene	120%	30 - 150	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
TCLP HERBICIDE ANALYSIS DATA

CASE NUMBER	9536	MATRIX	Leachate
SAMPLE NUMBER	0011861	DILUTION FACTOR	1
DATA FILE	>A2538	DATE EXTRACTED	10/03/00
CLIENT NAME	OE	DATE ANALYZED	10/03/00
FIELD ID	WC-1	ANALYZED BY	CLIFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
94757	2,4'-D	U	.100	10.0
93721	SILVEX	U	.010	1.0

U - Indicates compound was analyzed for but not detected

ACCREDITED LABORATORIES, INC
TCLP HERBICIDE ANALYSIS DATA

CASE NUMBER		MATRIX	Leachate
SAMPLE NUMBER	HBLK95	DILUTION FACTOR	1
DATA FILE	>A2525	DATE EXTRACTED	10/03/00
CLIENT NAME		DATE ANALYZED	10/03/00
FIELD ID		ANALYZED BY	CLIFF

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
94757	2,4'-D	U	.100	10.0
93721	SILVEX	U	.010	1.0

U - Indicates compound was analyzed for but not detected

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9536	MATRIX	Soil
SAMPLE NUMBER	0011861	DILUTION FACTOR	1
DATA FILE	>A2569	DATE EXTRACTED	10/04/00
CLIENT NAME	OE	DATE ANALYZED	10/05/00
FIELD ID	WC-1	ANALYZED BY	CLIFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	19.8
11104282	Aroclor-1221	U	19.8
11141165	Aroclor-1232	U	19.8
53469219	Aroclor-1242	U	19.8
12672296	Aroclor-1248	U	19.8
11097691	Aroclor-1254	U	19.8
11096825	Aroclor-1260	U	19.8

Percent Solid of 84.3 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER		MATRIX	Soil
SAMPLE NUMBER	PBLK68	DILUTION FACTOR	1
DATA FILE	>A2542	DATE EXTRACTED	10/04/00
CLIENT NAME		DATE ANALYZED	10/04/00
FIELD ID		ANALYZED BY	CLIFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	16.7
11104282	Aroclor-1221	U	16.7
11141165	Aroclor-1232	U	16.7
53469219	Aroclor-1242	U	16.7
12672296	Aroclor-1248	U	16.7
11097691	Aroclor-1254	U	16.7
11096825	Aroclor-1260	U	16.7

Percent Solid of 100. is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
INORGANIC ANALYSIS DATA SHEET

Case #: 9536
Sample #: 0011861
Field ID: WC-1
Client Name: OE

Matrix: Leachate
Date Received: 09/25/00

CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.00	1	5.00	P	10/02/00
7440-39-3	Barium	1.51	.500	1	100.00	P	10/02/00
7440-43-9	Cadmium	.102	.050	1	1.00	P	10/02/00
7440-47-3	Chromium	ND	.100	1	5.00	P	10/02/00
7439-92-1	Lead	ND	.500	1	5.00	P	10/02/00
7439-97-6	Mercury	ND	.002	2	.20	CV	10/02/00
7782-49-2	Selenium	ND	.500	1	1.00	P	10/02/00
7440-22-4	Silver	ND	.100	1	5.00	P	10/02/00

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
INORGANIC ANALYSIS DATA SHEET

Sample #: PBL064 Matrix: Leachate
Field ID: PREPBLANK Date Prepared: 09/29/00

CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7440-38-2	Arsenic	ND	.500	1	5.00	P	10/02/00
7440-39-3	Barium	ND	.250	1	100.00	P	10/02/00
7440-43-9	Cadmium	ND	.025	1	1.00	P	10/02/00
7440-47-3	Chromium	ND	.050	1	5.00	P	10/02/00
7439-92-1	Lead	ND	.250	1	5.00	P	10/02/00
7439-97-6	Mercury	ND	.001	1	.20	CV	10/02/00
7782-49-2	Selenium	ND	.250	1	1.00	P	10/02/00
7440-22-4	Silver	ND	.050	1	5.00	P	10/02/00

ND - Element analyzed for but not detected.
P - Analyzed by ICP CV - Analyzed by Cold Vapor
F - Analyzed by GFA A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
GENERAL CHEMISTRY ANALYSIS DATA

Case #:	9536	Matrix:	Soil
Sample #:	0011861	Date Received:	09/25/00
Client Name:	OE	% Moisture:	15.7
Field Number:	WC-1		

ANALYTES	RESULTS	MDL	UNITS	DILUTION FACTOR	METHOD BLANK RESULTS	METHOD BLANK MDL	ANALYSIS DATE
Solids, Percent	84.3	0.10	%	1.			09/26/00
Flash Point	>200	80.	°F	1.			09/27/00
pH	4.93		S.U.	1.			09/28/00
Cyanide, Reactive	ND	0.24	mg/Kg	1.	ND	0.20	09/28/00
Sulfide, Reactive	ND	47.4	mg/Kg	1.	ND	40.0	09/28/00
Total Organic Halogen	ND	11.9	mg/Kg	1.	ND	10.0	09/27/00

Accredited Laboratories, Inc.
Total Petroleum Hydrocarbon Analysis

Client:	OE	Matrix:	Soil
Case #:	9536	Date Received:	09/25/00
Analyst:	RB	Date Analyzed:	10/04/00

Field #	Sample #	Amount Used (g)	% S	DF	ABS	Result mg/Kg	MDL mg/Kg
WC-1	0011861	16.20	84.3	1	1	ND	44

Response Factor = .13383944

% S = Percent Solids
DF = Dilution Factor
ABS = Absorbance

Method Blank: < 20 mg/Kg

ACCREDITED LABORATORIES, INC.
20 PERSHING AVENUE
CARTERET, NEW JERSEY 07008
PHONE: (732) 541-2025 / (800) ALI-LABS

CHAIN OF CUSTODY FORM

PAGE 1 OF 1

CLIENT	Exxon DSC Newark Portland	PROJECT	Cornell Publishers
ADDRESS	43 Rt 46E, Suite 702	CONTACT	- T. Francisco
CITY	Pine Brook	PHONE	973/244-0600
STATE	NJ ZIP 07058	FAX	973/244-0722

ALI SAMPLE #	FIELD ID	*C	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
	WC-1	1	S	09/20/00 1430	Soil	TPH, Ignitability
						Reactivity, pH, TOX
						PCB, TCLP
						Metals, TCLP
						Herbicides, TCLP
						Pesticides, ~~TCLP~~
	WC-1	1	S	"	Soil	TCLP Semi Volatiles
						TCLP Volatiles
	WC-1	1	S	"	Soil	BTX

**M = MATRIX A=AQUEOUS S=SOIL G=SLUDGE P=POTABLE WATER O=OIL F=FILTER K=SOLID X=OTHER

*C = NO. CONTAINERS TURNAROUND: 2 Weeks (Std) (If Blank, Std. ~~3 weeks~~ 2)

DELIVERABLES (circle one) STD ~~2 weeks~~ REDUCED FULL NY-ASP CLP I CLP II

RELINQUISHED BY: PRINT	SIGN	RECEIVED BY: PRINT	SIGN	ORGANIZATION	DATE	TIME	REASON
J. Arulco	[signature]	K. Roberts	[signature]	ALI	9/21	12:45	TRANSPORT

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: SIGN:

COMMENTS		ALI QUOTE#	
		ALI CASE#	
		P.O.#	

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Analytical Data Report

for

Oxford Environmental
43 Rt. 46 East
Pine Brook, NJ 07058

Project: Cornell - Dubilier Electronics

Accredited Laboratories Case No.: 9343
Date Received: 09/06/00

Field ID	Laboratory Sample #
A-4-C-3	200010868
A-4-C-2	200010869
A-3-C-1	200010870
0831-10	200010871

Accredited Laboratories, Inc. New Jersey Certification Number 12007. This data has been reviewed and accepted by:

Theodore C. Gaydos
Technical Director

(732) 541-2025 *CORPORATE OFFICES* FAX (732) 541-1383
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CHAIN OF CUSTODY FORM

PAGE 1 OF 1

CLIENT	OXFORD ENVIRONMENTAL
ADDRESS	43 ROUTE 46 EAST, SUITE 702
CITY	PINE BROOK
STATE	NJ ZIP 07058

PROJECT	CORNELL-DUBILIER ELECTRONICS SITE
CONTACT	TIM FRANCISCO
PHONE	(973) 244-0600
FAX	(973) 244-0722

ALI SAMPLE #	FIELD ID	*C	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
0010868	A-4-C-3	1	K	1145	GRAB SAMPLE-TAR	PCB
0010869	A-4-C-2	1	K	1145	GRAB SAMPLE-TAR	PCB
0010870	A-3-C-1	3	K	1200	COMPOSITE - TAR	PCB
0010871	0831-10	1	A/G	1200	GRAB SAMPLE-OIL	PCB, Ignitability, TOX*
9/6/00	0831-10	matrix = sludge				

**M = MATRIX: A=AQUEOUS S=SOIL G=SLUDGE P=POTABLE WATER O=OIL F=FILTER K=SOLID X=OTHER

*C = NO. CONTAINERS

TURNAROUND: 1 WEEK (If Blank, Std. 3 weeks)

DELIVERABLES (circle one): (STD) REDUCED FULL NY-ASP CLP I CLP II

RELINQUISHED BY: PRINT	RELINQUISHED BY: SIGN	RECEIVED BY: PRINT	RECEIVED BY: SIGN	ORGANIZATION	DATE	TIME	REASON
T. FRANCISCO				ALI	9/6/00	1750	Analysis

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: T. FRANCISCO SIGN:

COMMENTS	* Analyze for TOX only if sample amount is sufficient. A-3-C-1 Composite in lab. Sample Temp = Ambient

ALI QUOTE#	
ALI CASE#	9343
P.O.#	

METHODOLOGY SUMMARY

PCB's - EPA 8082 (soil/solid)

A 30 gram portion of solid is mixed with anhydrous sodium sulfate and is extracted with 1:1 methylene chloride and acetone using sonication technique. The extract is separated from the sample by either centrifugation or filtration. The extract is then solvent-exchanged to hexane in a K-D concentrator to a final volume of 10 ml. The extract is injected into a gas chromatograph and the compounds in the GC effluent are detected by an electron capture detector.

Flash Point - EPA 1010

The sample is heated at a slow constant rate with continual stirring. A small flame is directed into the cup at regular intervals with simultaneous interruption of stirring. The flash point is the lowest temperature at which application of the test flame ignites the vapor above the sample. The method is followed according to EPA "Test Methods for Evaluating Solid Waste", SW-846, 3rd ed., 1986.

Total Organic Halides - (solid)

Approximately 1.0 grams of sample is oxidized by combustion in a bomb containing oxygen under pressure. The chlorine thus liberated from organic matrix is absorbed in a sodium carbonate solution. The amount of chloride in the rinsate is determined by a standard mercuric nitrate solution titrimetrically. Then a 5 gram sample is extracted with deionized distilled water for four hours. The inorganic chloride concentration in the leachate is determined by standard mercuric nitrate solution titrimetrically. The total organic halides is determined by the differences between the total chloride amount generated from the bomb combustion procedure and the inorganic chloride generated from the leachating procedure.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9343	MATRIX	Solid
SAMPLE NUMBER	0010868	DILUTION FACTOR	10
DATA FILE	>G7016	DATE EXTRACTED	09/11/00
CLIENT NAME	OE	DATE ANALYZED	09/12/00
FIELD ID	A-4-C-3	ANALYZED BY	CLIFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	173
11104282	Aroclor-1221	U	173
11141165	Aroclor-1232	U	173
53469219	Aroclor-1242	U	173
12672296	Aroclor-1248	U	173
11097691	Aroclor-1254	6690	173
11096825	Aroclor-1260	U	173

Percent Solid of 96.5 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9343	MATRIX	Solid
SAMPLE NUMBER	0010869	DILUTION FACTOR	10
DATA FILE	>G7017	DATE EXTRACTED	09/11/00
CLIENT NAME	OE	DATE ANALYZED	09/12/00
FIELD ID	A-4-C-2	ANALYZED BY	CLIFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	432
11104282	Aroclor-1221	U	432
11141165	Aroclor-1232	U	432
53469219	Aroclor-1242	U	432
12672296	Aroclor-1248	U	432
11097691	Aroclor-1254	26500	432
11096825	Aroclor-1260	U	432

Percent Solid of 38.6 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9343	MATRIX	Solid
SAMPLE NUMBER	0010870	DILUTION FACTOR	20
DATA FILE	>G7018	DATE EXTRACTED	09/11/00
CLIENT NAME	OE	DATE ANALYZED	09/12/00
FIELD ID	A-3-C-1	ANALYZED BY	CLIFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	333
11104282	Aroclor-1221	U	333
11141165	Aroclor-1232	U	333
53469219	Aroclor-1242	U	333
12672296	Aroclor-1248	U	333
11097691	Aroclor-1254	3070	333
11096825	Aroclor-1260	U	333

Percent Solid of 100. is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9343	MATRIX	Sludge
SAMPLE NUMBER	0010871	DILUTION FACTOR	20
DATA FILE	>G7019	DATE EXTRACTED	09/11/00
CLIENT NAME	OE	DATE ANALYZED	09/12/00
FIELD ID	0831-10	ANALYZED BY	CLIFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	362
11104282	Aroclor-1221	U	362
11141165	Aroclor-1232	U	362
53469219	Aroclor-1242	U	362
12672296	Aroclor-1248	U	362
11097691	Aroclor-1254	4540	362
11096825	Aroclor-1260	U	362

Percent Solid of 92.1 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER		MATRIX	Soil
SAMPLE NUMBER	PBLK43-A	DILUTION FACTOR	1
DATA FILE	>G7003	DATE EXTRACTED	09/11/00
CLIENT NAME		DATE ANALYZED	09/11/00
FIELD ID		ANALYZED BY	CLIFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	16.7
11104282	Aroclor-1221	U	16.7
11141165	Aroclor-1232	U	16.7
53469219	Aroclor-1242	U	16.7
12672296	Aroclor-1248	U	16.7
11097691	Aroclor-1254	U	16.7
11096825	Aroclor-1260	U	16.7

Percent Solid of 100. is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC.
GENERAL CHEMISTRY ANALYSIS DATA

Case #:	9343	Matrix:	Sludge
Sample #:	0010871	Date Received:	09/06/00
Client Name:	OE	% Moisture:	7.9
Field Number:	0831-10		

ANALYTES	RESULTS	MDL	UNITS	DILUTION FACTOR	METHOD BLANK RESULTS	METHOD BLANK MDL	ANALYSIS DATE
Solids, Percent	92.1	0.10	%	1.			09/12/00
Flash Point	>200	80.	°F	1.			09/11/00
Total Organic Halogen	1450.	10.9	mg/Kg	1.	ND	10.0	09/12/00

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SEP 13 2000
OXFORD ENVIRONMENTAL, INC.

Analytical Data Report

for

Oxford Environmental
43 Rt. 46 East
Pine Brook, NJ 07058

Project: Cornell - Dublier Electronics

Accredited Laboratories Case No.: 9289
Date Received: 09/01/00

Field ID	Laboratory Sample #
A02-01	200010644
A02-02	200010645

Accredited Laboratories, Inc. New Jersey Certification Number 12007. This data has been reviewed and accepted by:

Theodore C. Gaydos
Technical Director

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732 245-0010

CHAIN OF CUSTODY FORM

PAGE_____ OF _____

CLIENT	Oxford Environmental	PROJECT	Cornell-Dubilier Electronics
ADDRESS	43 Route 46 E. Suite 702	CONTACT	T. Fransisco
CITY	Pine Brook	PHONE	973/244-0600
STATE	NJ ZIP 07058	FAX	973/244-0722

ALI SAMPLE #	FIELD ID	*C	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
0010644	A02-01	1	S	08/31/00 1400 Hrs	Soil-Area #2 Comp	PCB, TCLP Metals
0010645	A02-02	1	X	08/31/00 1400 Hrs	Tar-Area #2 Comp.	PCB
	~~W690-01~~	~~1~~	~~X~~	~~08/31/00~~	~~Hexane wipe T1~~	~~PCB~~ No sample JA
	~~W690-02~~	~~1~~	~~X~~	~~08/31/00 1600~~	~~Hexane wipe T2~~	~~PCB~~ No sample JA
	~~W690-03~~	~~1~~	~~X~~	~~08/31/00 1600~~	~~Hexane wipe B~~	~~PCB~~ No sample JA
	~~W690-04~~	~~1~~	~~X~~	~~08/31/00 1600~~	~~Hexane wipe C~~	~~PCB~~ No sample JA
	~~W690-05~~	~~1~~	~~X~~	~~08/31/00 1600~~	~~Hexane wipe~~	~~PCB~~ No sample JA
9/1/00 #0010645 matrix = soil						

**M = MATRIX A=AQUEOUS S=SOIL G=SLUDGE P=POTABLE WATER O=OIL F=FILTER K=SOLID X=OTHER

*C = NO. CONTAINERS TURNAROUND: 48 Hours (If Blank, Std. 3 weeks)

DELIVERABLES (circle one) STD REDUCED FULL NY-ASP CLP I CLP II

RELINQUISHED BY: PRINT	SIGN	RECEIVED BY: PRINT	SIGN	ORGANIZATION	DATE	TIME	REASON
J. Arcoleo	[signature]	W.M. Chaijoko	[signature]	ALI	8/31/00	4:45	P.U.
W.M. Chaijoko	[signature]	[signature]	[signature]	ALI	9/1/00	1100	Analysis

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: J. Arcoleo SIGN: [signature]

COMMENTS		ALI QUOTE#	
		ALI CASE#	9289
	Cooler Temp = 6°C	P.O.#	

METHODOLOGY SUMMARY

PCB's - EPA 8082 (soil/solid)

A 30 gram portion of solid is mixed with anhydrous sodium sulfate and is extracted with 1:1 methylene chloride and acetone using sonication technique. The extract is separated from the sample by either centrifugation or filtration. The extract is then solvent-exchanged to hexane in a K-D concentrator to a final volume of 10 ml. The extract is injected into a gas chromatograph and the compounds in the GC effluent are detected by an electron capture detector.

Toxic Characteristic Leaching Procedure - TCLP (EPA Method (1311)

Before the leaching procedure can be initiated, the information regarding the wet % and dry % solid of the solid sample as well as the utilization of the extraction fluid, either #1 or #2, must be determined.

For the Metal Analysis, a mimimum of 100 grams is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate, if any, is saved. A 20X of extracted fluid, either #1 or #2, is charged in the glass or plastic extraction bottle and then rotated at 30 +/- 2 rpm for 18 +/- 2 hours. After rotation, the sample is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate is combined with the initial liquid, if any. This is referred as TCLP Leachate. The contaminants of Metals in the leachate is determined by EPA Method 7471 for mercury, Method 7060 for arsenic, Method 7740 for selenium and Method 6010 (ICAP) and/or Method 7000's (Flame-AA) for the rest of metals.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9289	MATRIX	Soil
SAMPLE NUMBER	0010644	DILUTION FACTOR	10
DATA FILE	>G6978	DATE EXTRACTED	09/06/00
CLIENT NAME	OE	DATE ANALYZED	09/06/00
FIELD ID	A02-01	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG		MDL
12674112	Aroclor-1016	U		275
11104282	Aroclor-1221	U		275
11141165	Aroclor-1232	U		275
53469219	Aroclor-1242	U		275
12672296	Aroclor-1248	U		275
11097691	Aroclor-1254	24200	I	275
11096825	Aroclor-1260	U		275

Percent Solid of 60.7 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9289	MATRIX	Soil
SAMPLE NUMBER	0010645	DILUTION FACTOR	10
DATA FILE	>G6979	DATE EXTRACTED	09/06/00
CLIENT NAME	OE	DATE ANALYZED	09/06/00
FIELD ID	A02-02	ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG		MDL
12674112	Aroclor-1016	U		213
11104282	Aroclor-1221	U		213
11141165	Aroclor-1232	U		213
53469219	Aroclor-1242	U		213
12672296	Aroclor-1248	U		213
11097691	Aroclor-1254	18700	I	213
11096825	Aroclor-1260	U		213

Percent Solid of 78.2 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER		MATRIX	Soil
SAMPLE NUMBER	PBLK38	DILUTION FACTOR	1
DATA FILE	>G6976	DATE EXTRACTED	09/06/00
CLIENT NAME		DATE ANALYZED	09/06/00
FIELD ID		ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	16.7
11104282	Aroclor-1221	U	16.7
11141165	Aroclor-1232	U	16.7
53469219	Aroclor-1242	U	16.7
12672296	Aroclor-1248	U	16.7
11097691	Aroclor-1254	U	16.7
11096825	Aroclor-1260	U	16.7

Percent Solid of 100. is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
INORGANIC ANALYSIS DATA SHEET

Case #: 9289
Sample #: 0010644
Field ID: A02-01
Client Name: OE

Matrix: Leachate
Date Received: 09/01/00

CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.00	1	5.00	P	09/07/00
7440-39-3	Barium	ND	.500	1	100.00	P	09/07/00
7440-43-9	Cadmium	ND	.100	1	1.00	P	09/07/00
7440-47-3	Chromium	ND	.100	1	5.00	P	09/07/00
7439-92-1	Lead	4.20	.500	1	5.00	P	09/07/00
7439-97-6	Mercury	ND	.002	2	.20	CV	09/08/00
7782-49-2	Selenium	ND	.500	1	1.00	P	09/07/00
7440-22-4	Silver	ND	.100	1	5.00	P	09/07/00

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
REGULATED TCLP METALS
INORGANIC ANALYSIS DATA SHEET

Sample #: PBL050
Field ID: PREPBLANK

Matrix: Leachate
Date Prepared: 09/06/00

CAS No.	Element	Result MG/L	MDL MG/L	Dilution Factor	Regulatory Level	Method	Date Analyzed
7440-38-2	Arsenic	ND	.500	1	5.00	P	09/06/00
7440-39-3	Barium	ND	.250	1	100.00	P	09/06/00
7440-43-9	Cadmium	ND	.050	1	1.00	P	09/06/00
7440-47-3	Chromium	ND	.050	1	5.00	P	09/06/00
7439-92-1	Lead	ND	.250	1	5.00	P	09/06/00
7439-97-6	Mercury	ND	.001	1	.20	CV	09/08/00
7782-49-2	Selenium	ND	.250	1	1.00	P	09/06/00
7440-22-4	Silver	ND	.050	1	5.00	P	09/06/00

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.

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Analytical Data Report

for

Oxford Environmental
43 Rt. 46 East
Pine Brook, NJ 07058

Project: Cornell - Dublier

Accredited Laboratories Case No.: 9302
Date Received: 09/05/00

Field ID	Laboratory Sample #
W690-01	200010693
W690-02	200010694
W690-03	200010695
W690-04	200010696
W690-05	200010697
W580-01	200010698
W580-02	200010699
W580-03	200010700
W580-04	200010701

Accredited Laboratories, Inc. New Jersey Certification Number 12007. This data has been reviewed and accepted by:

Theodore C. Gaydos
Technical Director

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PHONE: (732) 541-2025 / (800) ALI-LABS

CHAIN OF CUSTODY FORM

PAGE 1 OF 1

CLIENT	Oxford Environmental	PROJECT	Cornell - Dubilier
ADDRESS	43 Route 46E, Suite 702	CONTACT	J. Frusciello
CITY	Fine Brook	PHONE	973/244-0600
STATE	NJ ZIP 07058	FAX	973/244-0722

ALI SAMPLE #	FIELD ID	*C	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
0010693	W690-01	1	X	09/01/00 1400	Hex Wipe - Truck 1	PCB
0010694	W690-02	1	X	09/01/00 1405	Hex Wipe Truck 2	PCB
0010695	W690-03	1	X	09/01/00 1405	Hex Wipe Cab	PCB
0010696	W690-04	1	X	09/01/00 1405	Hex Wipe Bulk	PCB
0010697	W690-05	1	X	09/01/00 1405	Hex - F	PCB
0010698	W580-01	1	X	09/01/00 1505	Hex Wipe - Up Bulk	PCB
0010699	W580-02	1	X	"	Hex Wipe Low Bulk	PCB
0010700	W580-03	1	X	"	Hex Wipe Hoe	PCB
0010701	W580-04	1	X	"	Hex Wipe Cab	PCB

**M = MATRIX: A=AQUEOUS S=SOIL G=SLUDGE P=POTABLE WATER O=OIL F=FILTER K=SOLID X=OTHER

*C = NO. CONTAINERS

TURNAROUND: 48 Hrs. (If Blank, Std. 3 weeks)

DELIVERABLES (circle one): (STD) REDUCED FULL NY-ASP CLP I CLP II

RELINQUISHED BY: PRINT	SIGN	RECEIVED BY: PRINT	SIGN	ORGANIZATION	DATE	TIME	REASON
[illegible]	[illegible]						
J. Frusciello	J. Frusciello	W. M. Underwood	[signature]	ALI	9/1/00	4:25 PM	pick-up
W. M. Underwood				ALI	9/5/00	1000	Analysis

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: _____ SIGN: _____

COMMENTS	Cooler Temp = 6°C

ALI QUOTE#	
ALI CASE#	9302
PO #	

METHODOLOGY SUMMARY

PCB's - Modified 8082 (wipe)

The wipe is extracted with 50 ml of 1:1 methylene chloride and acetone three times. The extract is dried by filtering through anhydrous Na2SO4. The extract is then concentrated and solvent-exchanged to hexane in a K-D concentrator to a final volume of 10 ml. The extract is injected into a gas chromatograph and the compounds of interest are detected by an electron capture detector.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9302	MATRIX	Wipe
SAMPLE NUMBER	0010693	DILUTION FACTOR	1
DATA FILE	>G6980	DATE EXTRACTED	09/06/00
CLIENT NAME	OE	DATE ANALYZED	09/06/00
FIELD ID	W690-01	ANALYZED BY	JEFF

CAS#	COMPOUND	UG	MDL
12674112	Aroclor-1016	U	.500
11104282	Aroclor-1221	U	.500
11141165	Aroclor-1232	U	.500
53469219	Aroclor-1242	U	.500
12672296	Aroclor-1248	U	.500
11097691	Aroclor-1254	1.37	.500
11096825	Aroclor-1260	U	.500

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9302	MATRIX	Wipe
SAMPLE NUMBER	0010694	DILUTION FACTOR	1
DATA FILE	>G6981	DATE EXTRACTED	09/06/00
CLIENT NAME	OE	DATE ANALYZED	09/06/00
FIELD ID	W690-02	ANALYZED BY	JEFF

CAS#	COMPOUND	UG	MDL
12674112	Aroclor-1016	U	.500
11104282	Aroclor-1221	U	.500
11141165	Aroclor-1232	U	.500
53469219	Aroclor-1242	U	.500
12672296	Aroclor-1248	U	.500
11097691	Aroclor-1254	1.30	.500
11096825	Aroclor-1260	U	.500

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9302	MATRIX	Wipe
SAMPLE NUMBER	0010695	DILUTION FACTOR	1
DATA FILE	>G6982	DATE EXTRACTED	09/06/00
CLIENT NAME	OE	DATE ANALYZED	09/06/00
FIELD ID	W690-03	ANALYZED BY	JEFF

CAS#	COMPOUND	UG	MDL
12674112	Aroclor-1016	U	.500
11104282	Aroclor-1221	U	.500
11141165	Aroclor-1232	U	.500
53469219	Aroclor-1242	U	.500
12672296	Aroclor-1248	U	.500
11097691	Aroclor-1254	U	.500
11096825	Aroclor-1260	U	.500

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9302	MATRIX	Wipe
SAMPLE NUMBER	0010696	DILUTION FACTOR	1
DATA FILE	>G6983	DATE EXTRACTED	09/06/00
CLIENT NAME	OE	DATE ANALYZED	09/06/00
FIELD ID	W690-04	ANALYZED BY	JEFF

CAS#	COMPOUND	UG	MDL
12674112	Aroclor-1016	U	.500
11104282	Aroclor-1221	U	.500
11141165	Aroclor-1232	U	.500
53469219	Aroclor-1242	U	.500
12672296	Aroclor-1248	U	.500
11097691	Aroclor-1254	U	.500
11096825	Aroclor-1260	U	.500

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9302	MATRIX	Wipe
SAMPLE NUMBER	0010697	DILUTION FACTOR	1
DATA FILE	>G6984	DATE EXTRACTED	09/06/00
CLIENT NAME	OE	DATE ANALYZED	09/06/00
FIELD ID	W690-05	ANALYZED BY	JEFF

CAS#	COMPOUND	UG	MDL
12674112	Aroclor-1016	U	.500
11104282	Aroclor-1221	U	.500
11141165	Aroclor-1232	U	.500
53469219	Aroclor-1242	U	.500
12672296	Aroclor-1248	U	.500
11097691	Aroclor-1254	U	.500
11096825	Aroclor-1260	U	.500

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9302	MATRIX	Wipe
SAMPLE NUMBER	0010698	DILUTION FACTOR	1
DATA FILE	>G6985	DATE EXTRACTED	09/06/00
CLIENT NAME	OE	DATE ANALYZED	09/06/00
FIELD ID	W580-01	ANALYZED BY	JEFF

CAS#	COMPOUND	UG	MDL
12674112	Aroclor-1016	U	.500
11104282	Aroclor-1221	U	.500
11141165	Aroclor-1232	U	.500
53469219	Aroclor-1242	U	.500
12672296	Aroclor-1248	U	.500
11097691	Aroclor-1254	U	.500
11096825	Aroclor-1260	U	.500

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9302	MATRIX	Wipe
SAMPLE NUMBER	0010699	DILUTION FACTOR	1
DATA FILE	>G6986	DATE EXTRACTED	09/06/00
CLIENT NAME	OE	DATE ANALYZED	09/06/00
FIELD ID	W580-02	ANALYZED BY	JEFF

CAS#	COMPOUND	UG	MDL
12674112	Aroclor-1016	U	.500
11104282	Aroclor-1221	U	.500
11141165	Aroclor-1232	U	.500
53469219	Aroclor-1242	U	.500
12672296	Aroclor-1248	U	.500
11097691	Aroclor-1254	1.49	.500
11096825	Aroclor-1260	U	.500

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9302	MATRIX	Wipe
SAMPLE NUMBER	0010700	DILUTION FACTOR	1
DATA FILE	>G6987	DATE EXTRACTED	09/06/00
CLIENT NAME	OE	DATE ANALYZED	09/06/00
FIELD ID	W580-03	ANALYZED BY	JEFF

CAS#	COMPOUND	UG	MDL
12674112	Aroclor-1016	U	.500
11104282	Aroclor-1221	U	.500
11141165	Aroclor-1232	U	.500
53469219	Aroclor-1242	U	.500
12672296	Aroclor-1248	U	.500
11097691	Aroclor-1254	3.30	.500
11096825	Aroclor-1260	U	.500

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER	9302	MATRIX	Wipe
SAMPLE NUMBER	0010701	DILUTION FACTOR	1
DATA FILE	>G6988	DATE EXTRACTED	09/06/00
CLIENT NAME	OE	DATE ANALYZED	09/06/00
FIELD ID	W580-04	ANALYZED BY	JEFF

CAS#	COMPOUND	UG	MDL
12674112	Aroclor-1016	U	.500
11104282	Aroclor-1221	U	.500
11141165	Aroclor-1232	U	.500
53469219	Aroclor-1242	U	.500
12672296	Aroclor-1248	U	.500
11097691	Aroclor-1254	1.38	.500
11096825	Aroclor-1260	U	.500

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PCB ORGANIC ANALYSIS DATA

CASE NUMBER		MATRIX	Soil
SAMPLE NUMBER	PBLK38	DILUTION FACTOR	1
DATA FILE	>G6976	DATE EXTRACTED	09/06/00
CLIENT NAME		DATE ANALYZED	09/06/00
FIELD ID		ANALYZED BY	JEFF

CAS#	COMPOUND	UG/KG	MDL
12674112	Aroclor-1016	U	16.7
11104282	Aroclor-1221	U	16.7
11141165	Aroclor-1232	U	16.7
53469219	Aroclor-1242	U	16.7
12672296	Aroclor-1248	U	16.7
11097691	Aroclor-1254	U	16.7
11096825	Aroclor-1260	U	16.7

Percent Solid of 100. is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.