8260B SAMPLE / QC DATA

DATE ANALYZED: 101600

INSTRUMENT ID: MSD

SAMPLES: E010-40125-24,25

GC/MS VOA Run Log

FJK 10/18/00

:h ID: 029 714

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☑ 5030B ☐ 5035

Seq File: 1016AD

Tune File: BFB

EM Set: 1706

Date: 10-16-00

st ID: MSD

it . Cal ID: 8260BDA 10-4-00

nj. ime	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
			50ng BFB	—	—	1ul	—	—	✓			1198-1
7:38	GFB	DT1581	50ng 8260B std	1	S	5g	1	97	N			1255-2; 57-1; 55-1
7:56		DS2543	↓	1				159	✓			↓
8:40		44		1				154	✓			1252-1
9:21		D13072	LCS 1016AD	2				152	✓			
9:53		73	MB 1016AD	3				122	✓			EOJ040125-24
10:29		74	DLH4J101	4				125	✓			-25
11:01		75	DLH5H101	5		1g	5	122	✓			EOJ040322-7
11:32		76	DLJKD104	6		5g	1	135	✓			-9
12:04		77	DLJKE104 F	7		1g	5	138	✓			-16
12:36		78	DLJKK104 N	8		5g	1	144	N			TCE=2500 -18 M
13:07		79	DLJKR104	9				145	N			poss. -19 carryover
13:39		80	DLJKW104 T	10				144	✓			-21
14:11		81	DLJKW104	11				144	✓			-22
14:43		82	DLJKX104 S	12				140	✓			-9 MS 1252-1
15:15		83	DLJKF1065 SD	13				125	✓			-9 MSD ↓
15:47		84	DLJKF106 D	14				145	✓			-24
16:19		85	DLJL1104	15				140	✓			-25
16:51		86	DLJL2104	16				142	✓			-26
17:22		87	DLJL4104	17				136	✓			-27
17:54		88	DLJL6104	18				141	✓			-28
18:26		89	DLJL8104	19				136	✓			-29
18:58		90	DLJL9104	20				138	✓			-30
19:29	↓	91	DLJLC104	21	↓	↓	↓					

000088

000107

Version 01/04/99

G:\FORMS\Run Log\MSV Runlog.DOC

BOE-C6-0155353

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA54651

Lab File ID (Standard): DS2544 Date Analyzed: 10/16/00

Instrument ID: MD Time Analyzed: 0840

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	1590138	7.09	1369784	12.60	973139	17.27
	UPPER LIMIT	3180276	7.59	2739568	13.10	1946278	17.77
	LOWER LIMIT	795069	6.59	684892	12.10	486570	16.77
	EPA SAMPLE NO.						
01	D13072	1544815	7.09	1366979	12.61	982761	17.25
02	D13073	1520351	7.09	1363033	12.61	959281	17.26
03	D13074	1208900	7.09	1060123	12.60	710740	17.27
04	D13075	1254481	7.09	1112848	12.60	764364	17.26
05	D13076	1221287	7.09	1063328	12.60	719128	17.26
06	D13077	1353060	7.08	1230627	12.61	866791	17.25
07	D13078	1389702	7.09	1256198	12.61	887846	17.26
08	D13079	1441570	7.08	1292379	12.60	914886	17.26
09	D13080	1451383	7.10	1314899	12.61	943584	17.26
10	D13081	1443514	7.09	1276544	12.61	900868	17.26
11	D13082	1441685	7.10	1310597	12.61	929528	17.27
12	D13083	1409951	7.09	1229088	12.62	911631	17.26
13	D13084	1353504	7.09	1212911	12.61	883834	17.26
14	D13085	1452043	7.09	1273861	12.61	906812	17.26
15	D13086	1404199	7.10	1263392	12.62	893419	17.27
16	D13087	1421334	7.09	1264684	12.61	904974	17.26
17	D13088	1363714	7.09	1250177	12.61	875150	17.27
18	D13089	1413136	7.09	1288798	12.60	922903	17.27
19	D13090	1367126	7.10	1214527	12.61	848893	17.26
20	D13091	1384174	7.08	1270133	12.60	913884	17.26
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA 1/87 Rev.

Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\DT1581.D

Date : 16-OCT-2000 07:38

Client ID:

Instrument: md.i

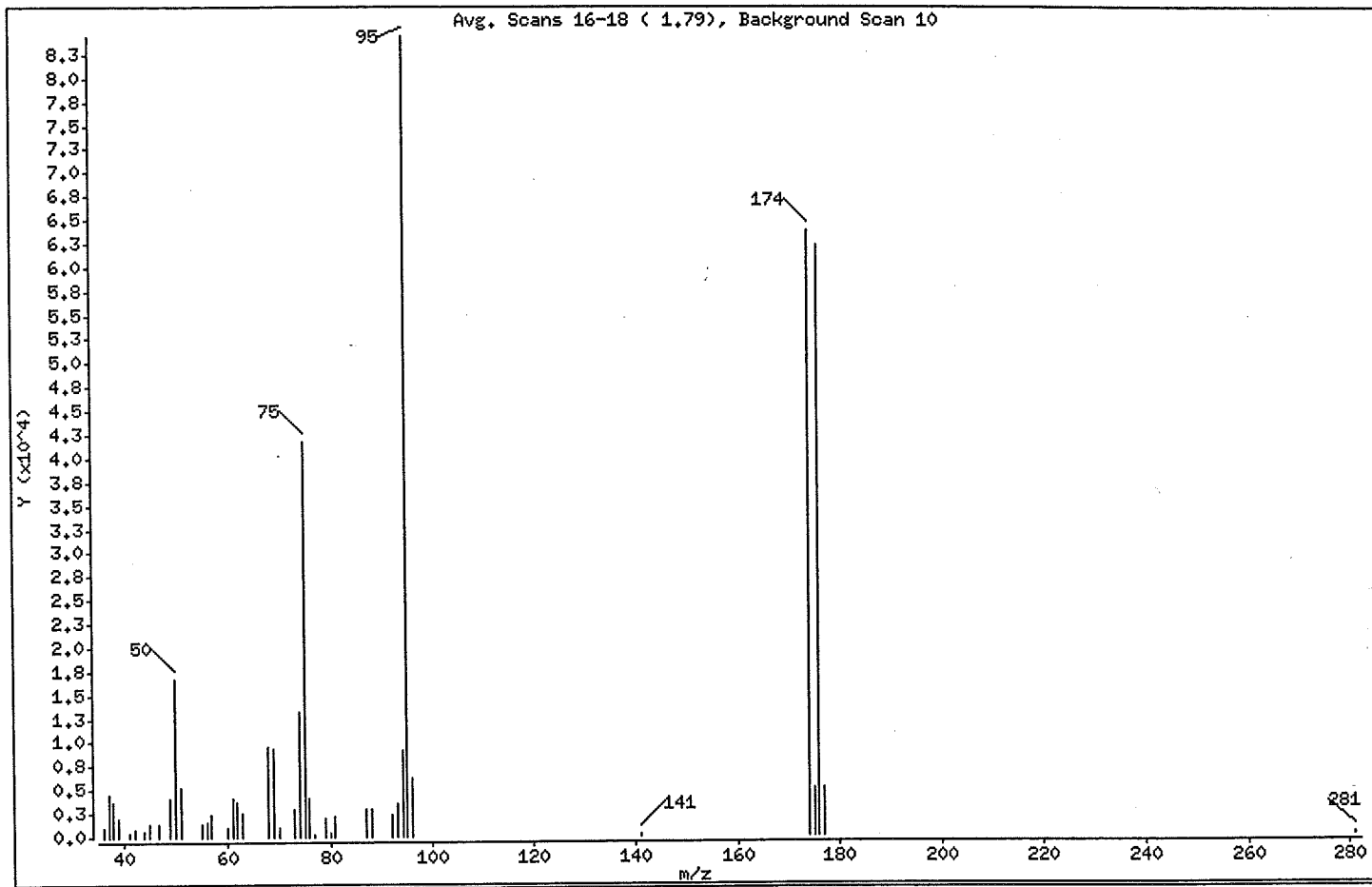
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.74
75	30.00 - 60.00% of mass 95	49.44
96	5.00 - 9.00% of mass 95	7.45
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	75.57
175	5.00 - 9.00% of mass 174	6.03 (7.98)
176	95.00 - 101.00% of mass 174	73.79 (97.64)
177	5.00 - 9.00% of mass 176	5.91 (8.01)

10-17-00

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1016AD.B\DT1581.D
Lab Smp Id:
Inj Date : 16-OCT-2000 07:38
Operator : GFB
Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1198-1,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016AD.B\BFB.M
Meth Date : 11-Jul-2000 09:15
Quant Type: ISTD
Cal Date :
Cal File:
Als bottle: 2
QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: all.sub
Target Version: 4.00
Sample Matrix: WATER
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
1.7884	1.8000	(0.000)	95	84418			0.00- 100.00	100.00
1.7884	1.8000	(0.000)	50	16665			15.00- 40.00	19.74
1.7884	1.8000	(0.000)	75	41736			30.00- 60.00	49.44
1.7884	1.8000	(0.000)	96	6287			5.00- 9.00	7.45
1.7884	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7884	1.8000	(0.000)	174	63797			50.00- 0.00	75.57
1.7884	1.8000	(0.000)	175	5088			5.00- 9.00	7.98
1.7884	1.8000	(0.000)	176	62290			95.00- 101.00	97.64
1.7884	1.8000	(0.000)	177	4989			5.00- 9.00	8.01

Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\DT1581.D

Date : 16-OCT-2000 07:38

Client ID:

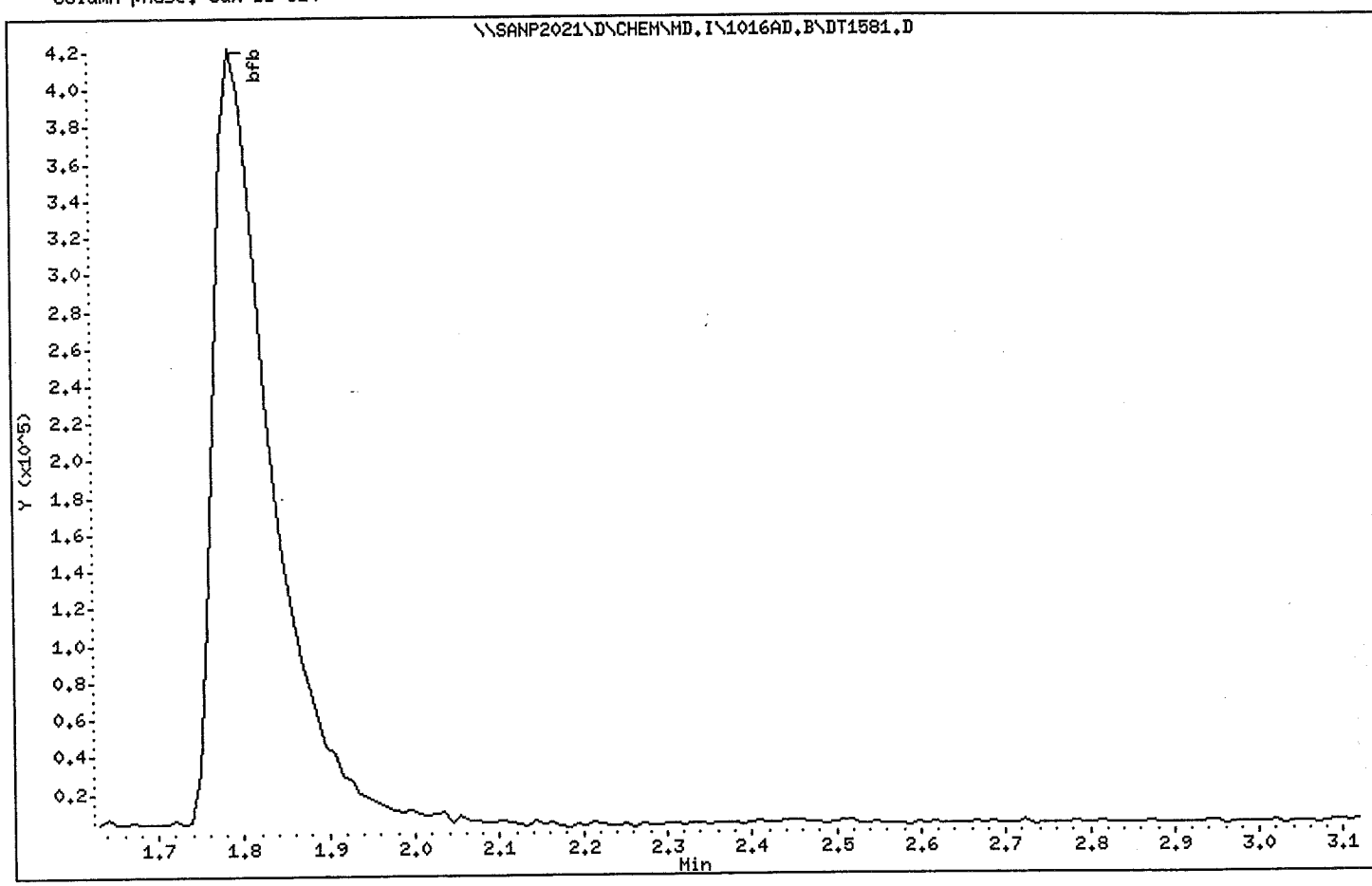
Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\DT1581.D

Date : 16-OCT-2000 07:38

Client ID:

Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1581.D
Spectrum: Avg. Scans 16-18 (1.79), Background Scan 10
Location of Maximum: 95.00
Number of points: 43

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1019	51.00	5210	73.00	2838	93.00	3430
37.00	4514	55.00	1277	74.00	13254	94.00	9144
38.00	3631	56.00	1529	75.00	41736	95.00	84416
39.00	1955	57.00	2358	76.00	4082	96.00	6287
41.00	309	60.00	934	77.00	255	141.00	265
42.00	731	61.00	4142	79.00	1988	174.00	63792
44.00	506	62.00	3664	80.00	295	175.00	5088
45.00	1327	63.00	2441	81.00	2226	176.00	62288
47.00	1287	68.00	9501	87.00	2935	177.00	4989
49.00	4136	69.00	9359	88.00	2940	281.00	262
50.00	16664	70.00	967	92.00	2330		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2544.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1016AD.B\8260BDA.m

Injection Date: 16-OCT-2000 08:40
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	1 Dichlorodifluoromethane	0.44644	0.37002	0.010	-17.1	50.0
	2 Vinyl chloride (*)	0.21607	0.22911	0.010	6.0	20.0
	3 Chloromethane (**)	0.19012	0.20093	0.100	5.7	50.0
	4 Bromomethane	0.21985	0.20320	0.010	-7.6	50.0
	5 Chloroethane	0.13964	0.15566	0.010	11.5	50.0
	6 Trichlorofluoromethane	0.71629	0.71160	0.010	-0.7	50.0
	7 Acrolein	0.01339	0.01209	0.001	-9.7	50.0
	8 1,1-Dichloroethene(*)	0.28163	0.26517	0.010	-5.8	20.0
	9 1,1,2-Trichlorotrifluoroeth	0.46984	0.41306	0.010	-12.1	50.0
	10 Acetone	0.05535	0.06244	0.010	12.8	50.0
	11 Iodomethane	0.54249	0.51762	0.001	-4.6	50.0
	12 Carbon disulfide	0.63173	0.59625	0.010	-5.6	50.0
	13 Methylene chloride	0.28611	0.28958	0.010	1.2	50.0
	14 t-Butanol	0.00532	0.00633	0.001	19.2	20.0
	15 trans-1,2-Dichloroethene	0.32668	0.31788	0.010	-2.7	50.0
	16 Acrylonitrile	0.04256	0.04865	0.001	14.3	20.0
	17 Methyl-tert-butyl ether[MTB	0.75221	0.74640	0.010	-0.8	50.0
	18 1,1-Dichloroethane (**)	0.56293	0.59789	0.100	6.2	50.0
	19 Vinyl acetate	0.72587	0.73753	0.010	1.6	50.0
	20 Isopropyl ether	0.97354	1.02964	0.010	5.8	20.0
	21 2,2-Dichloropropane	0.61103	0.61889	0.010	1.3	50.0
	22 Tert-butyl ethyl ether	0.93101	0.97839	0.010	5.1	20.0
	23 cis-1,2-Dichloroethene	0.33158	0.34009	0.010	2.6	50.0
	24 2-Butanone	0.09614	0.10272	0.010	6.8	50.0
	25 Bromochloromethane	0.21883	0.21973	0.010	0.4	50.0
	26 Chloroform (*)	0.73233	0.70748	0.010	-3.4	20.0
	27 Tetrahydrofuran	0.05809	0.07516	0.010	29.4	50.0
M	28 1,2-Dichloroethene (total)	0.32913	0.32899	0.010	-0.0	50.0
$	29 Dibromofluoromethane	0.71120	0.66130	0.010	-7.0	50.0
	30 1,1,1-Trichloroethane	0.76256	0.79807	0.010	4.7	50.0
	31 Carbon Tetrachloride	0.72937	0.73731	0.010	1.1	50.0
	32 1,1-Dichloropropene	0.54325	0.58881	0.010	8.4	50.0
$	33 1,2-Dichloroethane-d4	0.48005	0.46455	0.010	-3.2	50.0
	34 1,2-Dichloroethane-d4 2nd	0.09685	0.09693	0.010	0.1	50.0
	35 Benzene	0.84852	0.90866	0.010	7.1	50.0

10-17-00

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2544.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1016AD.B\8260BDA.m

Injection Date: 16-OCT-2000 08:40
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.53432	0.58732	0.010	9.9	50.0	
	37 Tert-amyl methyl ether	0.88326	0.95026	0.010	7.6	20.0	
	39 Trichloroethene	0.46731	0.51250	0.010	9.7	50.0	
	40 1,2-Dichloropropane(*)	0.34594	0.38949	0.010	12.6	20.0	
	41 Dibromomethane	0.32224	0.35910	0.010	11.4	50.0	
	42 Bromodichloromethane	0.71616	0.78662	0.010	9.8	50.0	
	43 1-Bromo-2-chloroethane	0.78851	0.53155	0.010	-32.6	50.0	
	44 2-Chloroethylvinyl ether	0.04393	0.06095	0.010	38.7	20.0	<-
	45 cis-1,3-Dichloropropene	0.54033	0.62086	0.010	14.9	50.0	
	46 4-Methyl-2-pentanone	0.26017	0.31334	0.010	20.4	50.0	
$	47 Toluene-d8	1.15749	1.09772	0.010	-5.2	50.0	
	48 Toluene (*)	1.22215	1.34288	0.010	9.9	20.0	
	49 trans-1,3-Dichloropropene	0.55799	0.65784	0.010	17.9	50.0	
	50 1,1,2-Trichloroethane	0.40315	0.45274	0.010	12.3	50.0	
	51 Tetrachloroethene	0.55481	0.59538	0.010	7.3	50.0	
	52 1,3-Dichloropropane	0.63464	0.72434	0.010	14.1	50.0	
	53 2-Hexanone	0.22062	0.26188	0.010	18.7	50.0	
	54 Dibromochloromethane	0.73783	0.79133	0.010	7.3	50.0	
	55 1,2-Dibromoethane	0.61043	0.67582	0.010	10.7	50.0	
	57 Chlorobenzene (**)	0.98253	1.06177	0.300	8.1	50.0	
	58 1,1,1,2-Tetrachloroethane	0.59402	0.65298	0.010	9.9	50.0	
	59 Ethylbenzene (*)	0.45846	0.50372	0.010	9.9	20.0	
	60 m,p-Xylenes	0.57596	0.63099	0.010	9.6	50.0	
	61 o-Xylene	0.55644	0.64117	0.010	15.2	50.0	
	62 Styrene	0.92422	1.05687	0.010	14.4	50.0	
M	63 Xylenes (total)	0.56945	0.63438	0.010	11.4	50.0	
	64 Bromoform (**)	0.59517	0.67425	0.100	13.3	50.0	
	65 Isopropylbenzene	1.75437	1.99173	0.010	13.5	50.0	
	66 4-Bromofluorobenzene-2nd	0.99560	0.91584	0.010	-8.0	50.0	
$	67 4-Bromofluorobenzene	1.32880	1.26246	0.010	-5.0	50.0	
	68 Bromobenzene	0.83061	0.91347	0.010	10.0	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.85523	0.97512	0.300	14.0	50.0	
	70 1,2,3-Trichloropropane	0.28010	0.33153	0.010	18.4	50.0	
	71 n-Propylbenzene	2.58803	2.72199	0.010	5.2	50.0	
	72 2-Chlorotoluene	0.62571	0.66957	0.010	7.0	50.0	
	73 4-Chlorotoluene	0.65344	0.71035	0.010	8.7	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2544.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1016AD.B\8260BDA.m

Injection Date: 16-OCT-2000 08:40
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08187	2.35940	0.010	13.3	50.0
75 tert-Butylbenzene	2.15036	2.42828	0.010	12.9	50.0
76 1,2,4-Trimethylbenzene	2.11961	2.37597	0.010	12.1	50.0
77 sec-Butylbenzene	2.82015	3.22905	0.010	14.5	50.0
78 1,3-Dichlorobenzene	1.39311	1.50741	0.010	8.2	50.0
80 1,4-Dichlorobenzene	1.51990	1.62879	0.010	7.2	50.0
81 p-Isopropyltoluene	2.32696	2.63939	0.010	13.4	50.0
82 1,2-Dichlorobenzene	1.33233	1.43162	0.010	7.5	50.0
83 n-Butylbenzene	2.22197	2.54826	0.010	14.7	50.0
84 1,2-Dibromo-3-chloropropane	0.28987	0.32873	0.010	13.4	50.0
85 1,2,4-Trichlorobenzene	1.23050	1.29627	0.010	5.3	50.0
86 Hexachlorobutadiene	0.92928	1.03544	0.010	11.4	50.0
87 Napthalene	1.86163	1.94458	0.010	4.5	50.0
88 1,2,3-Trichlorobenzene	1.14824	1.20571	0.010	5.0	50.0

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1016AD.B/DS2544.D
Inj. Date : 16-OCT-2000 08:40

ICAL Mid Point : //SANP2021/D/chem/md.i/1004AD.B/DS2515.D
Inj. Date : 04-OCT-2000 11:03

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.10	7.09	0.01	1480718	1590138	107.4%
Chlorobenzene-d5	12.63	12.60	0.03	1259551	1369784	108.8%
1,4-Dichlorobenzene-d4	17.27	17.27	0.00	906122	973139	107.4%

8260B Area difference criteria: 50%-200%

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016AD.B\DS2544.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 16-OCT-2000 08:40
Operator : GFB Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1255-2;57-1;55-1,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016AD.B\8260BDA.m
Meth Date : 16-Oct-2000 09:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.454	1.454	(0.205)	588383	50.0000	41.44
2 Vinyl chloride (*)	62	1.690	1.690	(0.238)	364318	50.0000	53.02
3 Chloromethane (**)	50	1.631	1.631	(0.230)	319502	50.0000	52.84
4 Bromomethane	94	1.976	1.976	(0.279)	323116	50.0000	46.21
5 Chloroethane	64	2.055	2.055	(0.290)	247516	50.0000	55.73
6 Trichlorofluoromethane	101	2.292	2.292	(0.323)	1131538	50.0000	49.67
7 Acrolein	56	2.695	2.695	(0.380)	192318	500.000	451.7(AQ)
8 1,1-Dichloroethene(*)	96	2.784	2.784	(0.393)	421657	50.0000	47.08
9 1,1,2-Trichlorotrifluoroethan	151	2.804	2.804	(0.395)	656826	50.0000	43.96
10 Acetone	43	2.873	2.873	(0.405)	496446	250.000	282.0(Q)
11 Iodomethane	142	2.942	2.942	(0.415)	1646160	100.000	95.42
12 Carbon disulfide	76	3.001	3.001	(0.423)	948126	50.0000	47.19
13 Methylene chloride	84	3.326	3.326	(0.469)	460479	50.0000	50.61
14 t-Butanol	59	3.572	3.572	(0.504)	251815	1250.00	1489

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.661	3.661	(0.516)	505469	50.0000	48.65
	16 Acrylonitrile	53	3.651	3.651	(0.515)	773588	500.000	571.5(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.700	3.700	(0.522)	1186873	50.0000	49.61
	18 1,1-Dichloroethane (**)	63	4.252	4.252	(0.600)	950729	50.0000	53.10
	19 Vinyl acetate	43	4.390	4.390	(0.619)	2345561	100.000	101.6(A)
	20 Isopropyl ether	45	4.439	4.439	(0.626)	1637277	50.0000	52.88
	21 2,2-Dichloropropane	77	5.149	5.149	(0.726)	984116	50.0000	50.64
	22 Tert-butyl ethyl ether	59	5.011	5.011	(0.707)	1555771	50.0000	52.54
	23 cis-1,2-Dichloroethene	96	5.168	5.168	(0.729)	540796	50.0000	51.28
	24 2-Butanone	43	5.257	5.257	(0.742)	816718	250.000	267.1
	25 Bromochloromethane	128	5.553	5.553	(0.783)	349407	50.0000	50.21
	26 Chloroform (*)	83	5.720	5.720	(0.807)	1124995	50.0000	48.30
	27 Tetrahydrofuran	42	5.671	5.671	(0.800)	119515	50.0000	64.69
M	28 1,2-Dichloroethene (total)	100				1046266	100.000	99.94
$	29 Dibromofluoromethane	111	5.976	5.976	(0.843)	1051558	50.0000	46.49
	30 1,1,1-Trichloroethane	97	5.957	5.957	(0.840)	1269039	50.0000	52.33
	31 Carbon Tetrachloride	117	6.242	6.242	(0.880)	1172418	50.0000	50.54
	32 1,1-Dichloropropene	75	6.252	6.252	(0.882)	936291	50.0000	54.19
$	33 1,2-Dichloroethane-d4	65	6.518	6.518	(0.919)	738695	50.0000	48.38
	34 1,2-Dichloroethane-d4 2nd	102	6.538	6.538	(0.922)	154133	50.0000	50.04
	35 Benzene	78	6.587	6.587	(0.929)	1444894	50.0000	53.54
	36 1,2-Dichloroethane	62	6.656	6.656	(0.939)	933917	50.0000	54.96
	37 Tert-amyl methyl ether	73	6.873	6.873	(0.969)	1511050	50.0000	53.79
*	38 Fluorobenzene	96	7.090	7.090	(1.000)	1590138	50.0000	
	39 Trichloroethene	130	7.740	7.740	(1.092)	814950	50.0000	54.83
	40 1,2-Dichloropropane(*)	63	8.104	8.104	(1.143)	619343	50.0000	56.29
	41 Dibromomethane	93	8.311	8.311	(1.172)	571021	50.0000	55.72
	42 Bromodichloromethane	83	8.646	8.646	(1.220)	1250841	50.0000	54.92
	43 1-Bromo-2-chloroethane	63	9.159	9.159	(1.292)	845230	50.0000	33.70(Q)
	44 2-Chloroethylvinyl ether	106	9.247	9.247	(1.304)	193826	100.000	138.7(A)
	45 cis-1,3-Dichloropropene	75	9.464	9.464	(1.335)	987251	50.0000	57.45
	46 4-Methyl-2-pentanone	43	9.809	9.809	(1.384)	2491296	250.000	301.1
$	47 Toluene-d8	98	9.917	9.917	(0.787)	1503646	50.0000	47.42
	48 Toluene (*)	91	10.026	10.026	(0.796)	1839451	50.0000	54.94
	49 trans-1,3-Dichloropropene	75	10.508	10.508	(0.834)	901093	50.0000	58.95
	50 1,1,2-Trichloroethane	97	10.833	10.833	(0.860)	620159	50.0000	56.15
	51 Tetrachloroethene	164	11.040	11.040	(0.876)	815544	50.0000	53.66
	52 1,3-Dichloropropane	76	11.109	11.109	(0.882)	992183	50.0000	57.07
	53 2-Hexanone	43	11.375	11.375	(0.903)	1793565	250.000	296.7
	54 Dibromochloromethane	129	11.523	11.523	(0.915)	1083951	50.0000	53.62
	55 1,2-Dibromoethane	107	11.691	11.691	(0.928)	925729	50.0000	55.36
*	56 Chlorobenzene-d5	117	12.597	12.597	(1.000)	1369784	50.0000	
	57 Chlorobenzene (**)	112	12.656	12.656	(1.005)	1454396	50.0000	54.03
	58 1,1,1,2-Tetrachloroethane	131	12.863	12.863	(1.021)	894447	50.0000	54.96
	59 Ethylbenzene (*)	106	12.922	12.922	(1.026)	689986	50.0000	54.94
	60 m,p-Xylenes	106	13.159	13.159	(1.045)	1728647	100.000	109.6
	61 o-Xylene	106	13.927	13.927	(1.106)	878260	50.0000	57.61

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.966	13.966	(1.109)	1447679	50.0000	57.18
M	63 Xylenes (total)	100				2606908	150.000	167.2
	64 Bromoform (**)	173	14.272	14.272	(1.133)	923576	50.0000	56.64
	65 Isopropylbenzene	105	14.676	14.676	(1.165)	2728238	50.0000	56.76
	66 4-Bromofluorobenzene-2nd	174	14.942	14.942	(0.865)	891237	50.0000	45.99
$	67 4-Bromofluorobenzene	95	14.942	14.942	(0.865)	1228551	50.0000	47.50
	68 Bromobenzene	156	15.188	15.188	(0.880)	888936	50.0000	54.99
	69 1,1,2,2-Tetrachloroethane(**)	83	15.336	15.336	(0.888)	948932	50.0000	57.01
	70 1,2,3-Trichloropropane	110	15.356	15.356	(0.889)	322620	50.0000	59.18
	71 n-Propylbenzene	91	15.513	15.513	(0.898)	2648879	50.0000	52.59
	72 2-Chlorotoluene	126	15.612	15.612	(0.904)	651581	50.0000	53.50
	73 4-Chlorotoluene	126	15.848	15.848	(0.918)	691267	50.0000	54.35
	74 1,3,5-Trimethylbenzene	105	15.888	15.888	(0.920)	2296020	50.0000	56.66
	75 tert-Butylbenzene	119	16.518	16.518	(0.957)	2363050	50.0000	56.46
	76 1,2,4-Trimethylbenzene	105	16.627	16.627	(0.963)	2312147	50.0000	56.05
	77 sec-Butylbenzene	105	16.971	16.971	(0.983)	3142318	50.0000	57.25
	78 1,3-Dichlorobenzene	146	17.109	17.109	(0.991)	1466923	50.0000	54.10
*	79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	973139	50.0000	
	80 1,4-Dichlorobenzene	146	17.306	17.306	(1.002)	1585040	50.0000	53.58
	81 p-Isopropyltoluene	119	17.306	17.306	(1.002)	2568493	50.0000	56.71
	82 1,2-Dichlorobenzene	146	18.035	18.035	(1.045)	1393164	50.0000	53.73
	83 n-Butylbenzene	91	18.134	18.134	(1.050)	2479808	50.0000	57.34
	84 1,2-Dibromo-3-chloropropane	157	19.671	19.671	(1.139)	319898	50.0000	56.70
	85 1,2,4-Trichlorobenzene	180	21.365	21.365	(1.237)	1261453	50.0000	52.67
	86 Hexachlorobutadiene	225	21.789	21.789	(1.262)	1007629	50.0000	55.71
	87 Napthalene	128	21.838	21.838	(1.265)	1892350	50.0000	52.23
	88 1,2,3-Trichlorobenzene	180	22.360	22.360	(1.295)	1173327	50.0000	52.50

QC Flag Legend

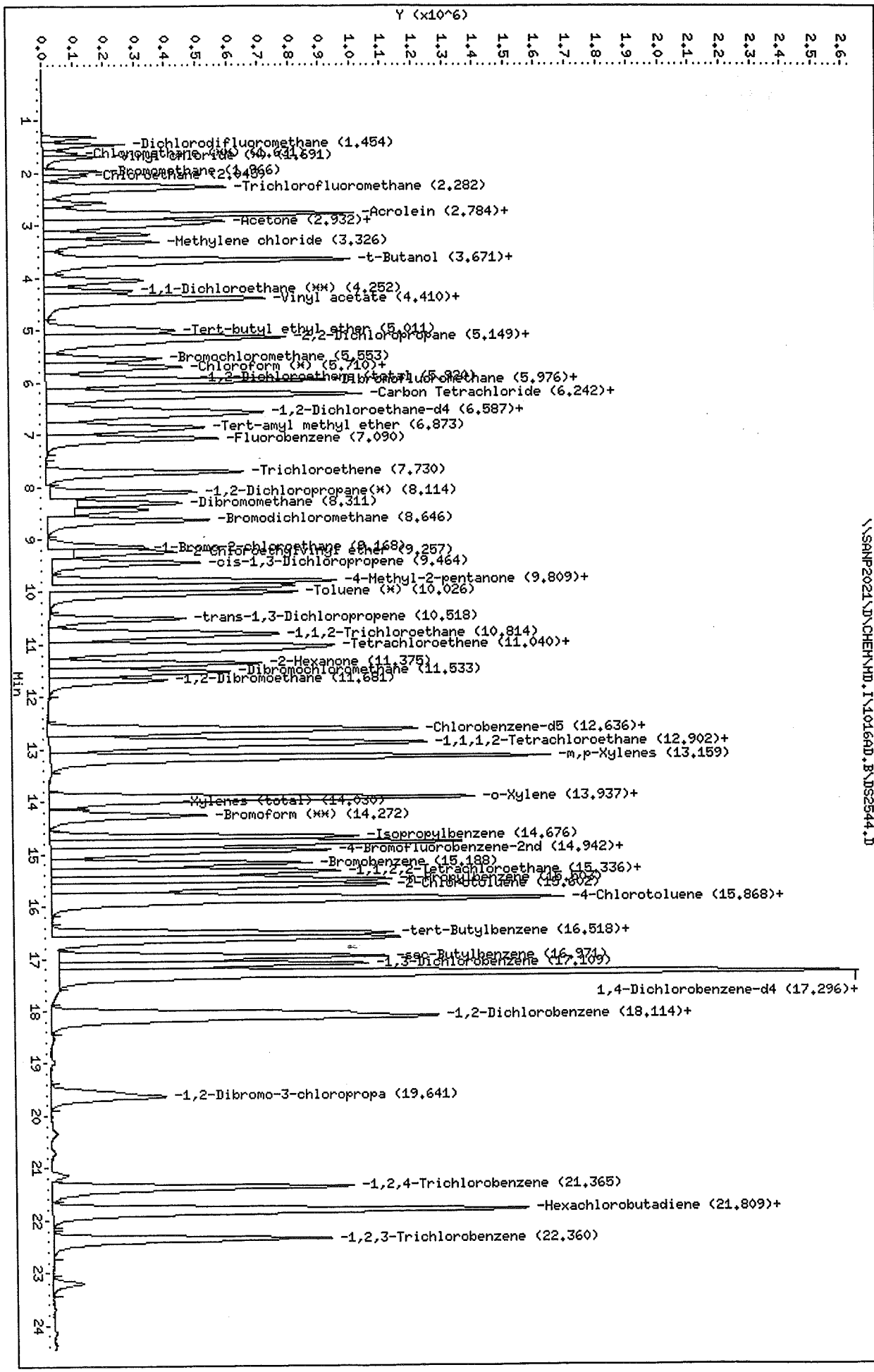
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\DS2544.D
Date : 16-OCT-2000 08:40
Client ID:
Sample Info: 50 PPB 8260B STD,,3,0,,8260BDA.M

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016AD.B\D13072.D
Lab Smp Id: LCS-1016AD Client Smp ID: D13072
Inj Date : 16-OCT-2000 09:21
Operator : GFB Inst ID: md.i
Smp Info : LCS-1016AD,LCS,2,,0,1,0,8260BDA.M,D13072
Misc Info : 1252-1,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016AD.B\8260BDA.m
Meth Date : 16-Oct-2000 09:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

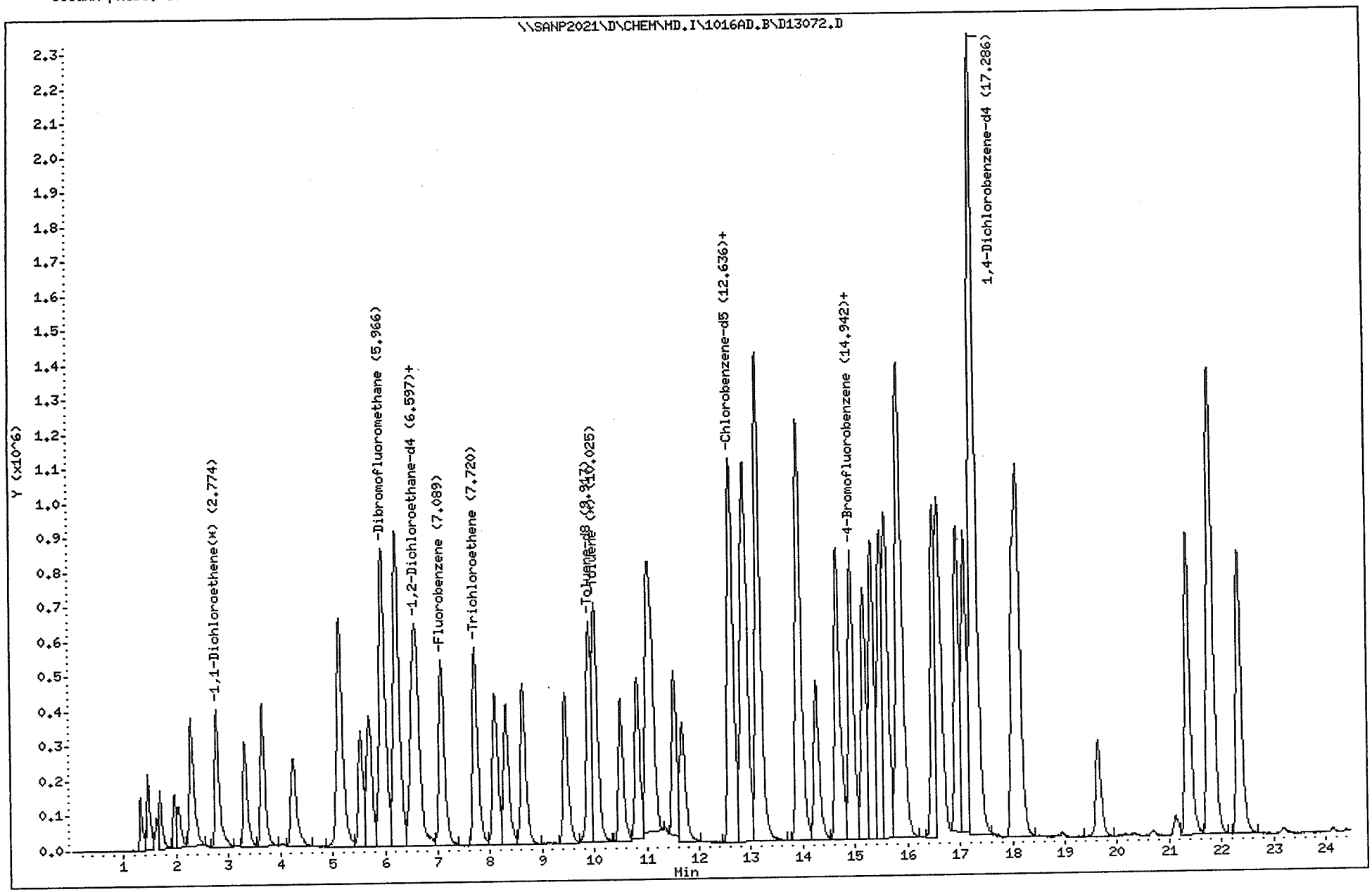
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.774	2.784	(0.391)	422034	48.5026	48.50
$ 29 Dibromofluoromethane	111	5.966	5.976	(0.842)	954328	43.4313	43.43
$ 33 1,2-Dichloroethane-d4	65	6.508	6.518	(0.918)	733526	49.4569	49.46
34 1,2-Dichloroethane-d4 2nd	102	6.508	6.538	(0.918)	149128	49.8382	49.84
35 Benzene	78	6.587	6.587	(0.929)	1277911	48.7452	48.74
* 38 Fluorobenzene	96	7.089	7.090	(1.000)	1544815	50.0000	
39 Trichloroethene	130	7.720	7.740	(1.089)	724468	50.1768	50.18
$ 47 Toluene-d8	98	9.907	9.917	(0.786)	1499990	47.4003	47.40
48 Toluene (*)	91	10.025	10.026	(0.795)	1594076	47.7083	47.71
* 56 Chlorobenzene-d5	117	12.607	12.597	(1.000)	1366979	50.0000	
57 Chlorobenzene (**)	112	12.656	12.656	(1.004)	1264551	47.0760	47.08
$ 67 4-Bromofluorobenzene	95	14.932	14.942	(0.866)	1233909	47.2437	47.24
66 4-Bromofluorobenzene-2nd	174	14.951	14.942	(0.867)	886928	45.3238	45.32
* 79 1,4-Dichlorobenzene-d4	152	17.247	17.267	(1.000)	982761	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\D13072.D
Date : 16-OCT-2000 09:21
Client ID: D13072
Sample Info: LCS-1016AD,LCS,2,,0,1,0,8260BDA.M,D13072

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



BOE-C6-0155368

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016AD.B\D13073.D
Lab Smp Id: MB-1016AD Client Smp ID: D13073
Inj Date : 16-OCT-2000 09:53
Operator : GFB Inst ID: md.i
Smp Info : MB-1016AD,BLANK,2,,0,1,0,8260BDA.M,D13073
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016AD.B\8260BDA.m
Meth Date : 16-Oct-2000 09:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.974	5.976	(0.843)	969812	44.8461	44.85	
$ 33 1,2-Dichloroethane-d4	65	6.516	6.518	(0.919)	692379	47.4338	47.43	
34 1,2-Dichloroethane-d4 2nd	102	6.506	6.538	(0.918)	135858	46.1340	46.13	
* 38 Fluorobenzene	96	7.087	7.090	(1.000)	1520351	50.0000		
$ 47 Toluene-d8	98	9.915	9.917	(0.786)	1460425	46.2836	46.28	
* 56 Chlorobenzene-d5	117	12.614	12.597	(1.000)	1363033	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.949	14.942	(0.866)	859462	44.9953	45.00	
$ 67 4-Bromofluorobenzene	95	14.949	14.942	(0.866)	1193339	46.8088	46.81	
* 79 1,4-Dichlorobenzene-d4	152	17.264	17.267	(1.000)	959281	50.0000		(Q)

QC Flag Legend

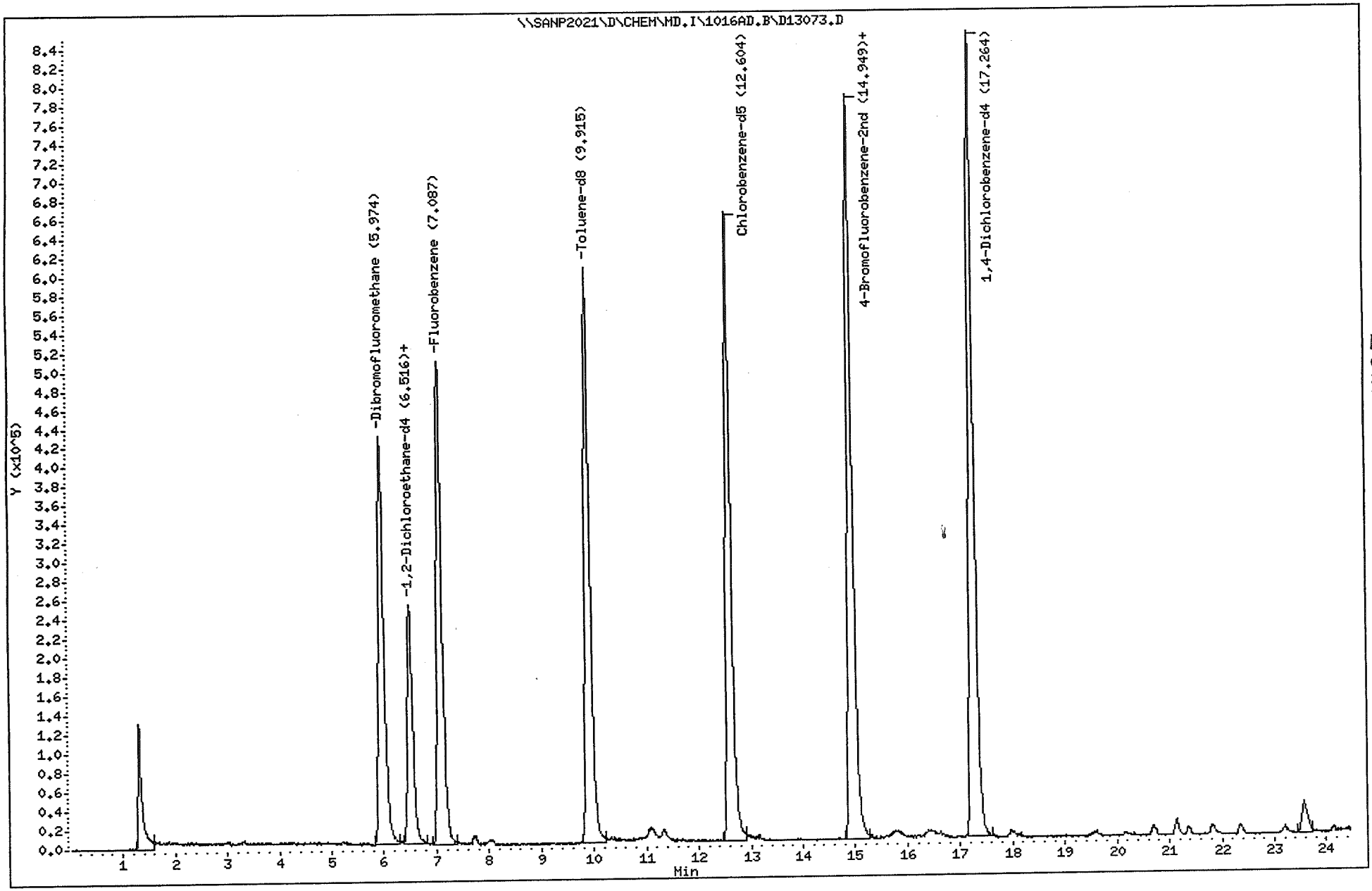
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\D13073.D
Date : 16-OCT-2000 09:53
Client ID: D13073
Sample Info: MB-1016AD,BLANK,2,,0,1,0,8260BDA.M,D13073

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



000705

BOE-C6-0155370

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016AD.B\D13083.D
Lab Smp Id: DLJKF105 Client Smp ID: D13083
Inj Date : 16-OCT-2000 15:15
Operator : GFB Inst ID: md.i
Smp Info : DLJKF105,MS,2,,0,1,0,8260BDA.M,D13083
Misc Info : 322-9S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016AD.B\8260BDA.m
Meth Date : 16-Oct-2000 11:02 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

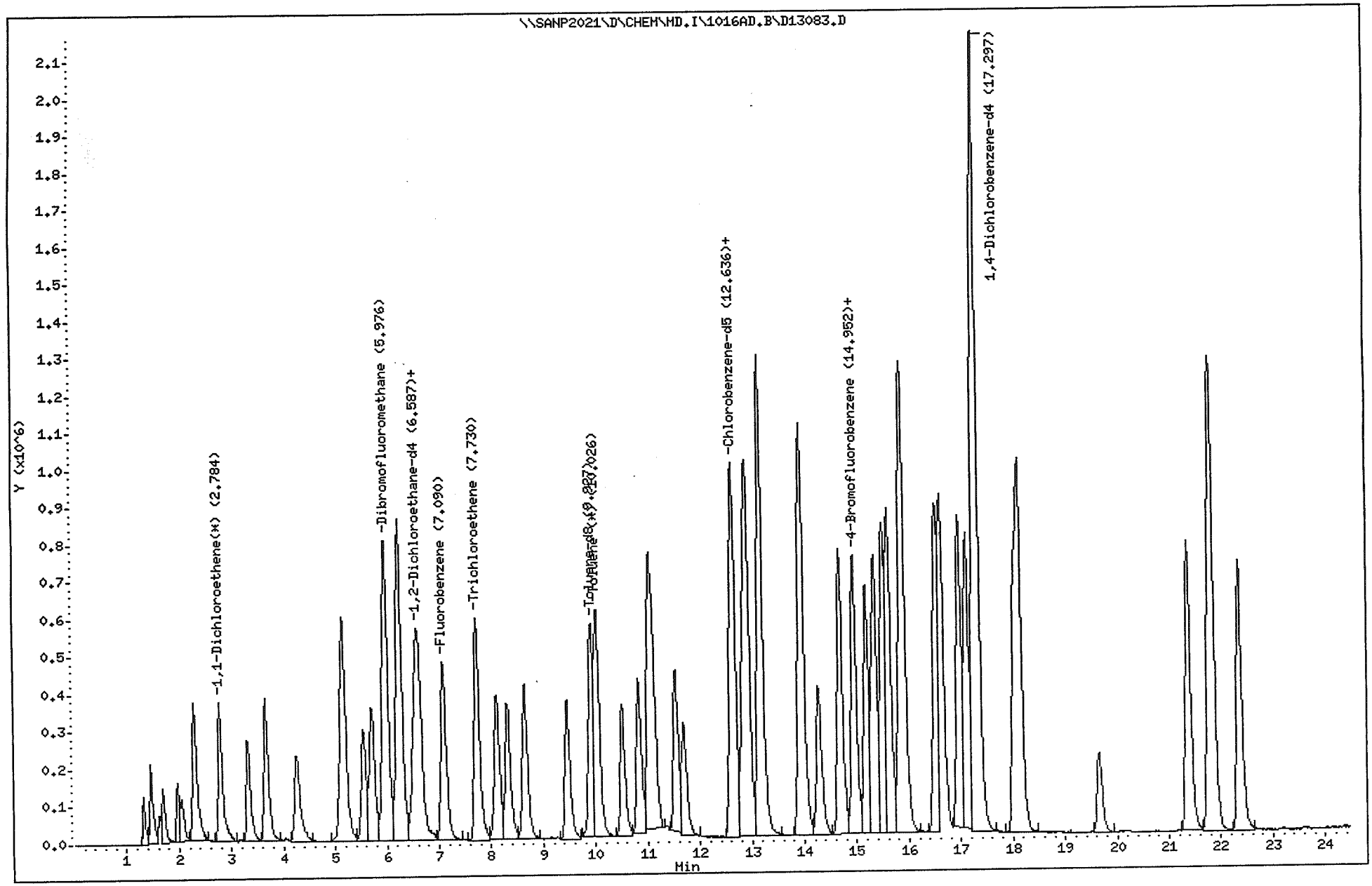
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.784	2.784	(0.393)	384956	48.4731	48.47
$ 29 Dibromofluoromethane	111	5.986	5.976	(0.844)	973679	48.5504	48.55
$ 33 1,2-Dichloroethane-d4	65	6.518	6.518	(0.919)	665275	49.1457	49.14
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.538	(0.921)	129410	47.3850	47.38
35 Benzene	78	6.587	6.587	(0.929)	1151493	48.1243	48.12
* 38 Fluorobenzene	96	7.090	7.090	(1.000)	1409951	50.0000	
39 Trichloroethene	130	7.720	7.740	(1.089)	759479	57.6332	57.63
$ 47 Toluene-d8	98	9.917	9.917	(0.786)	1358424	47.7427	47.74
48 Toluene (*)	91	10.035	10.026	(0.795)	1460852	48.6261	48.63
* 56 Chlorobenzene-d5	117	12.617	12.597	(1.000)	1229088	50.0000	
57 Chlorobenzene (**)	112	12.656	12.656	(1.003)	1166578	48.3009	48.30
$ 67 4-Bromofluorobenzene	95	14.952	14.942	(0.866)	1125251	46.4450	46.44
66 4-Bromofluorobenzene-2nd	174	14.952	14.942	(0.866)	828244	45.6274	45.63
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.267	(1.000)	911631	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\D13083.D
Date : 16-OCT-2000 15:15
Client ID: D13083
Sample Info: DLJKF105,MS,2,,0,1,0,8260BDA.M,D13083

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



BOE-C6-0155372

0002707

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016AD.B\D13084.D
Lab Smp Id: DLJKF106 Client Smp ID: D13084
Inj Date : 16-OCT-2000 15:47
Operator : GFB Inst ID: md.i
Smp Info : DLJKF106,MSD,2,,0,1,0,8260BDA.M,D13084
Misc Info : 322-9D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016AD.B\8260BDA.m
Meth Date : 16-Oct-2000 11:02 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 14 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

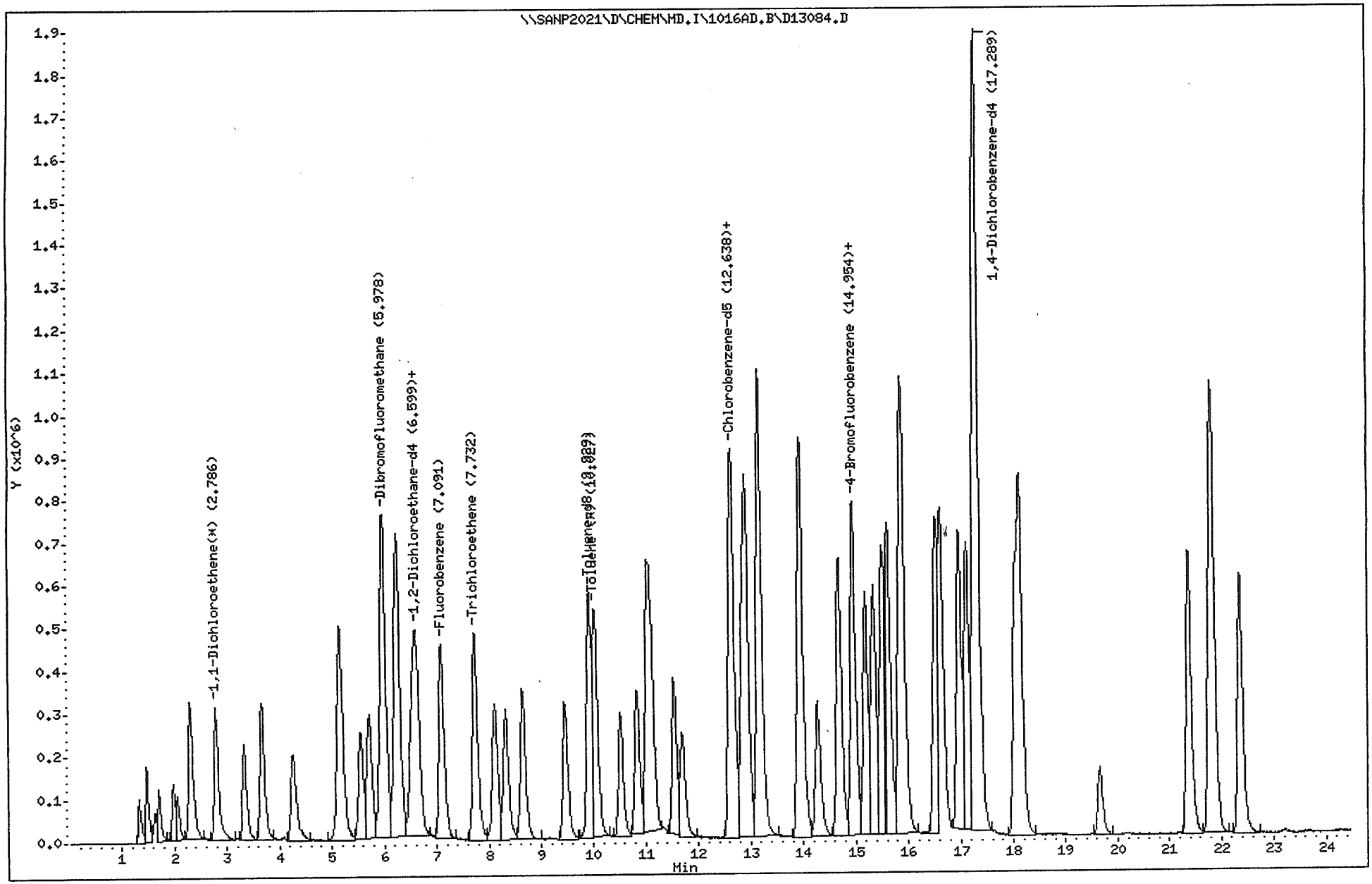
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.786	2.784	(0.393)	329630	43.2375	43.24
$ 29 Dibromofluoromethane	111	5.988	5.976	(0.844)	996378	51.7542	51.75
$ 33 1,2-Dichloroethane-d4	65	6.520	6.518	(0.919)	661460	50.9017	50.90
34 1,2-Dichloroethane-d4 2nd	102	6.530	6.538	(0.921)	117251	44.7235	44.72
35 Benzene	78	6.589	6.587	(0.929)	978750	42.6108	42.61
* 38 Fluorobenzene	96	7.091	7.090	(1.000)	1353504	50.0000	
39 Trichloroethene	130	7.732	7.740	(1.090)	608766	48.1229	48.12
$ 47 Toluene-d8	98	9.919	9.917	(0.787)	1359944	48.4336	48.43
48 Toluene (*)	91	10.037	10.026	(0.796)	1236135	41.6950	41.69
* 56 Chlorobenzene-d5	117	12.609	12.597	(1.000)	1212911	50.0000	
57 Chlorobenzene (**)	112	12.668	12.656	(1.005)	987247	41.4211	41.42
$ 67 4-Bromofluorobenzene	95	14.954	14.942	(0.866)	1154918	49.1688	49.17
66 4-Bromofluorobenzene-2nd	174	14.954	14.942	(0.866)	848933	48.2380	48.24
* 79 1,4-Dichlorobenzene-d4	152	17.259	17.267	(1.000)	883834	50.0000	(Q)

Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\D13084.D
Date : 16-OCT-2000 15:47
Client ID: D13084
Sample Info: DLJKF106,MSD,2,,0,1,0,8260BDA.M,D13084

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



BOE-C6-0155374

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016AD.B\D13074.D
Lab Smp Id: DLH4J101 Client Smp ID: D13074
Inj Date : 16-OCT-2000 10:29
Operator : GFB Inst ID: md.i
Smp Info : DLH4J101,,2,,0,1,0,8260BDA.M,D13074
Misc Info : E0J040125-24,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016AD.B\8260BDA.m
Meth Date : 16-Oct-2000 09:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.976	5.976	(0.843)	777602	45.2218	45.22	
$ 33 1,2-Dichloroethane-d4	65	6.508	6.518	(0.918)	511364	44.0583	44.06	
34 1,2-Dichloroethane-d4 2nd	102	6.499	6.538	(0.917)	101572	43.3773	43.38	
* 38 Fluorobenzene	96	7.090	7.090	(1.000)	1208900	50.0000		
$ 47 Toluene-d8	98	9.907	9.917	(0.786)	1221170	49.7593	49.76	
* 56 Chlorobenzene-d5	117	12.597	12.597	(1.000)	1060123	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.942	14.942	(0.865)	688839	48.6736	48.67	
$ 67 4-Bromofluorobenzene	95	14.942	14.942	(0.865)	955385	50.5797	50.58	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	710740	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\D13074.D

Date : 16-OCT-2000 10:29

Client ID: D13074

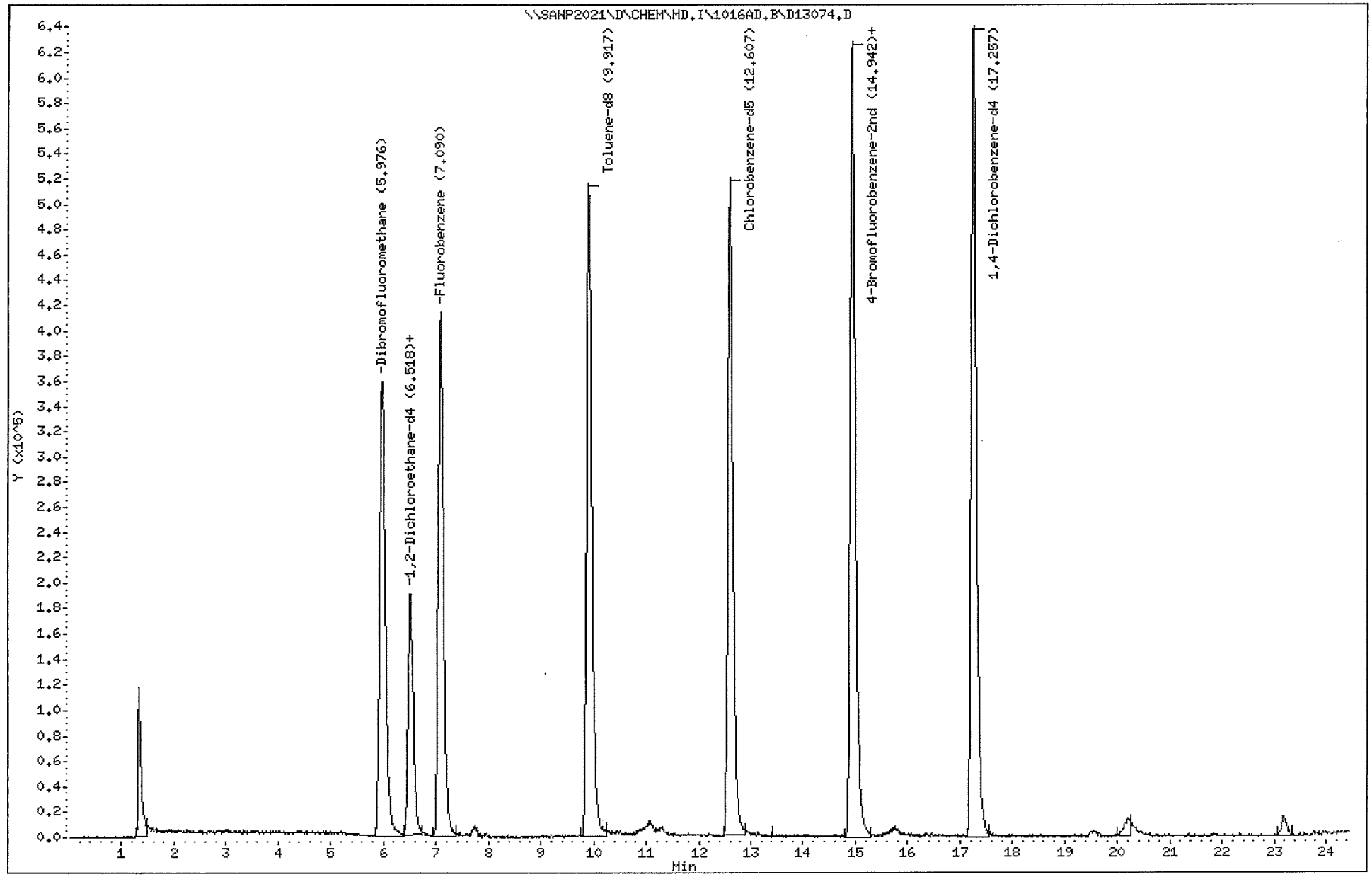
Sample Info: DLH4J101,,2,,0,1,0,8260BDA.M,D13074

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000711

BOE-C6-0155376

Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\D13074.D

Date : 16-OCT-2000 10:29

Client ID: D13074

Instrument: md.i

Sample Info: DLH4J101,,2,,0,1,0,8260BDA.M,D13074

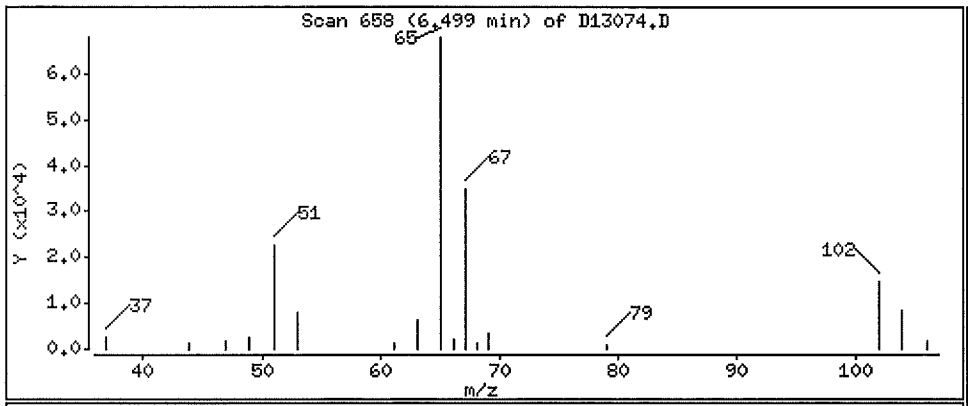
Operator: GFB

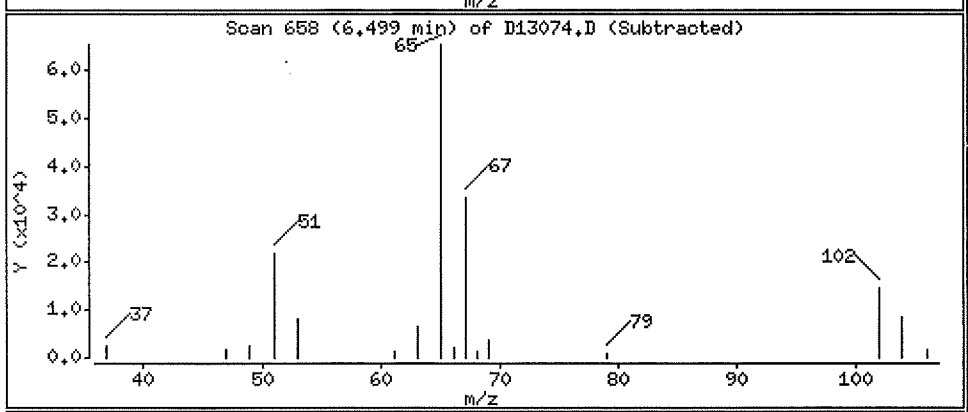
Column phase: J&W DB-624

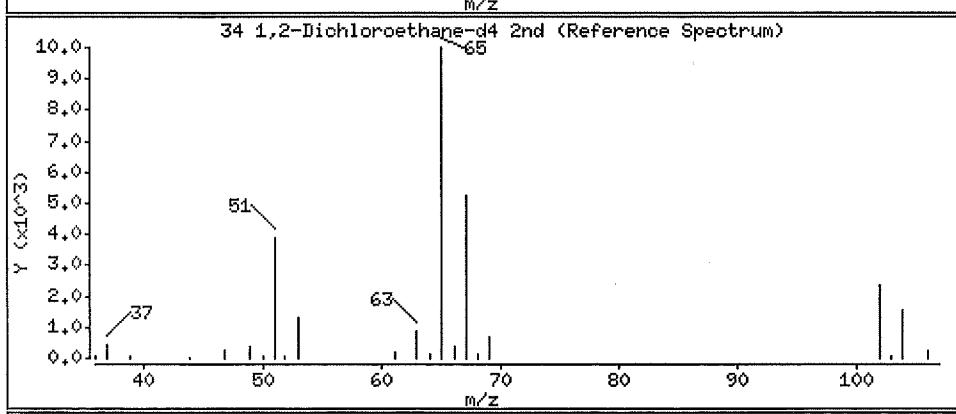
Column diameter: 0.53

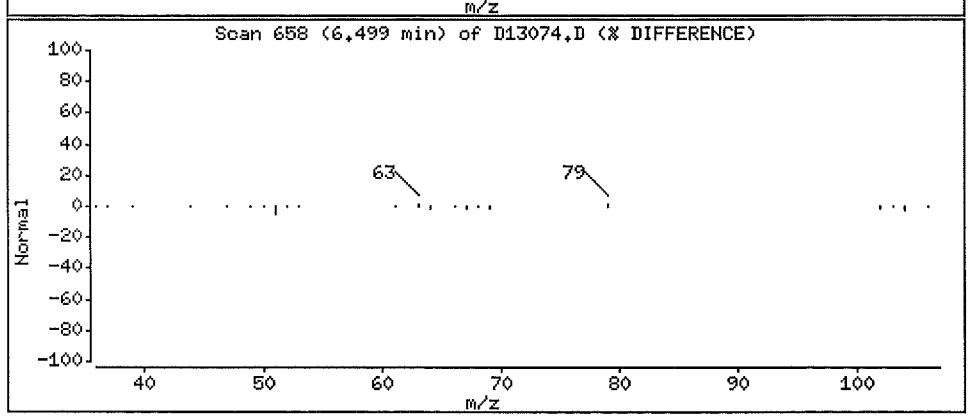
34 1,2-Dichloroethane-d4 2nd

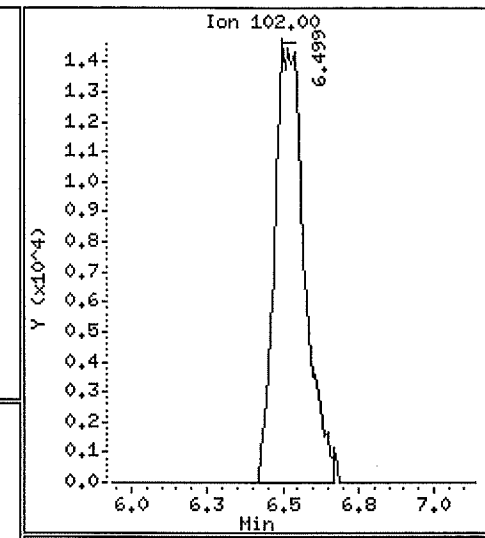
Concentration: 43.38 ug/Kg

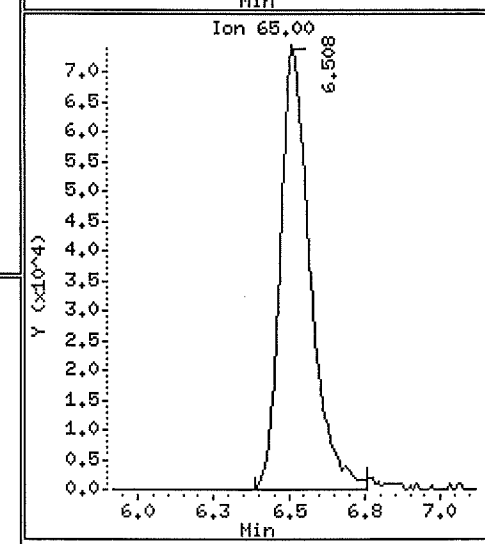












Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\D13074.D

Date : 16-OCT-2000 10:29

Client ID: D13074

Instrument: md.i

Sample Info: DLH4J101,,2,,0,1,0,8260BDA.M,D13074

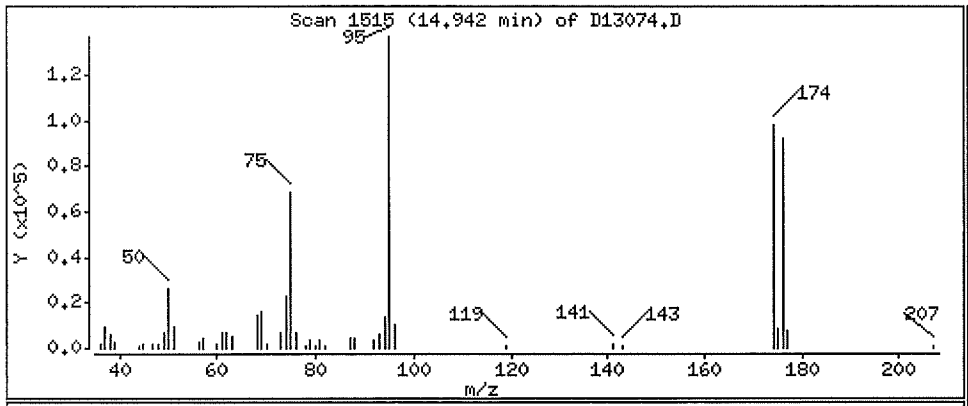
Operator: GFB

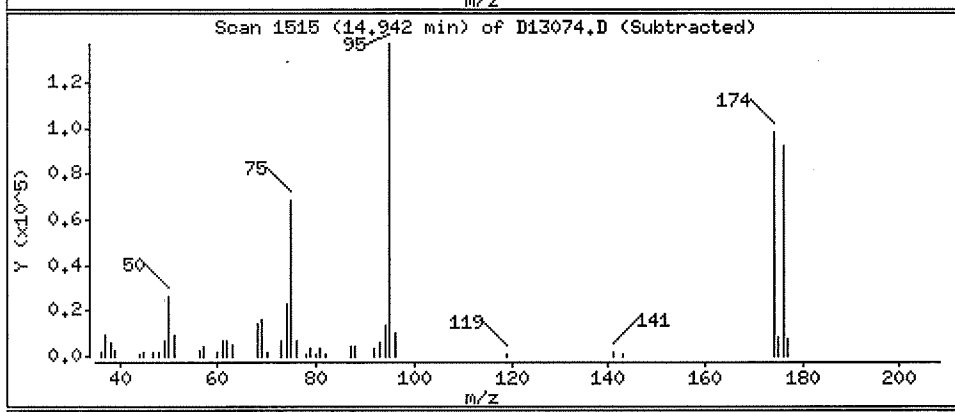
Column phase: J&W DB-624

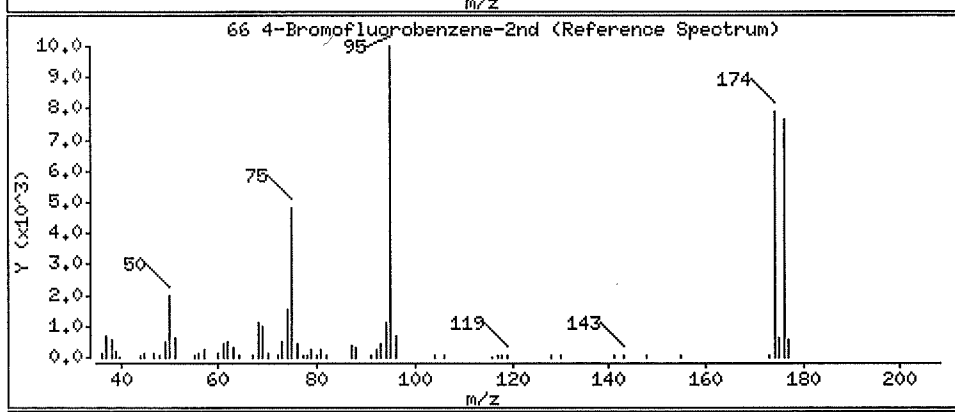
Column diameter: 0.53

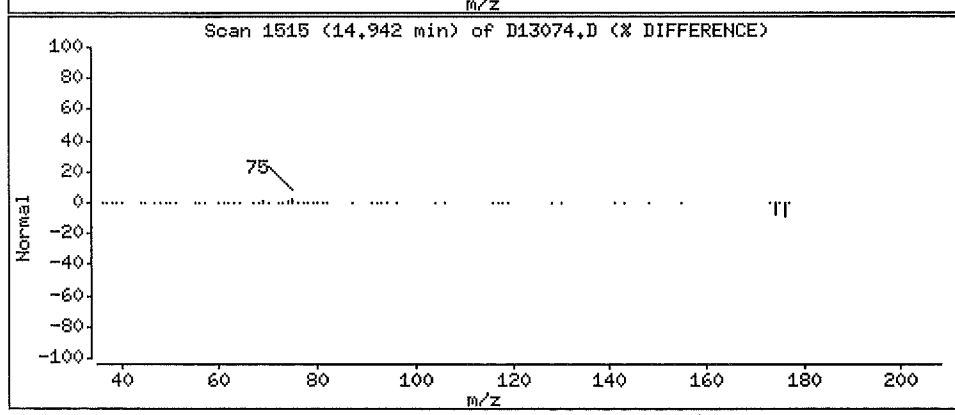
66 4-Bromofluorobenzene-2nd

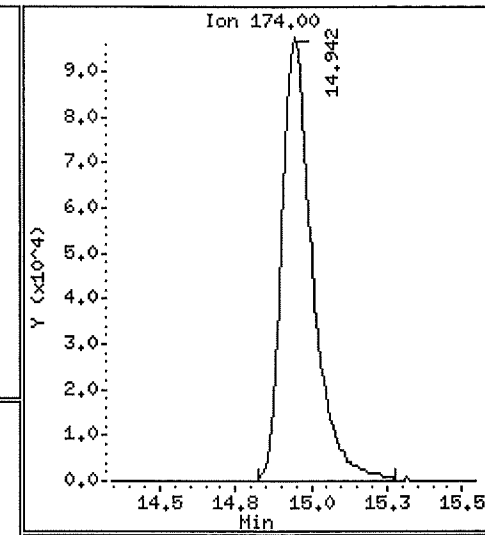
Concentration: 48.67 ug/Kg

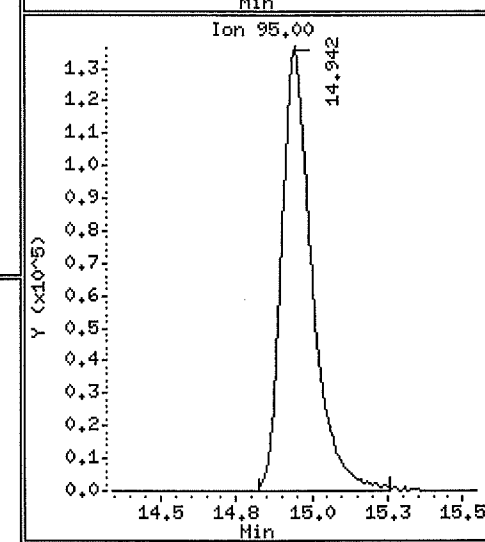


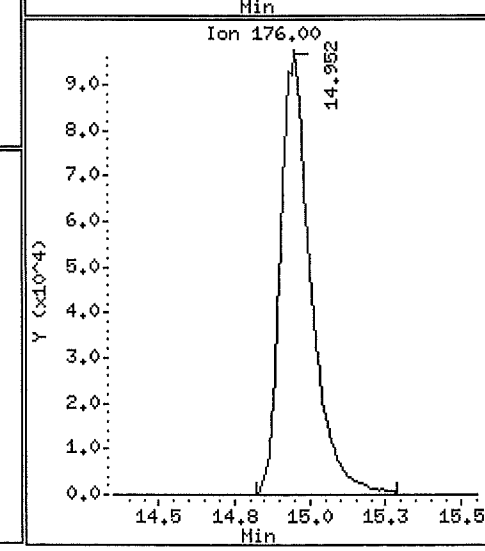












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016AD.B\D13075.D
Lab Smp Id: DLH5H101 Client Smp ID: D13075
Inj Date : 16-OCT-2000 11:01
Operator : GFB Inst ID: md.i
Smp Info : DLH5H101,,2,,0,1,0,8260BDA.M,D13075
Misc Info : 125-25,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016AD.B\8260BDA.m
Meth Date : 16-Oct-2000 11:02 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.966	5.976	(0.842)	838450	46.9888	46.99	
$ 33 1,2-Dichloroethane-d4	65	6.508	6.518	(0.918)	557312	46.2725	46.27	
34 1,2-Dichloroethane-d4 2nd	102	6.508	6.538	(0.918)	110506	45.4778	45.48	
* 38 Fluorobenzene	96	7.090	7.090	(1.000)	1254481	50.0000		
$ 47 Toluene-d8	98	9.917	9.917	(0.787)	1249808	48.5134	48.51	
* 56 Chlorobenzene-d5	117	12.597	12.597	(1.000)	1112848	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.942	14.942	(0.866)	725518	47.6688	47.67	
$ 67 4-Bromofluorobenzene	95	14.932	14.942	(0.865)	1008850	49.6633	49.66	
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.267	(1.000)	764364	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016AD.B\D13075.D
Lab Smp Id: DLH5H101 Client Smp ID: D13075
Inj Date : 16-OCT-2000 11:01
Operator : GFB Inst ID: md.i
Smp Info : DLH5H101,,2,,0,1,0,8260BDA.M,D13075
Misc Info : 125-25,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016AD.B\8260BDA.m
Meth Date : 16-Oct-2000 11:02 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.090	3010876	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.316	653121	10.8460210	10.85	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLH5H101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13075
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

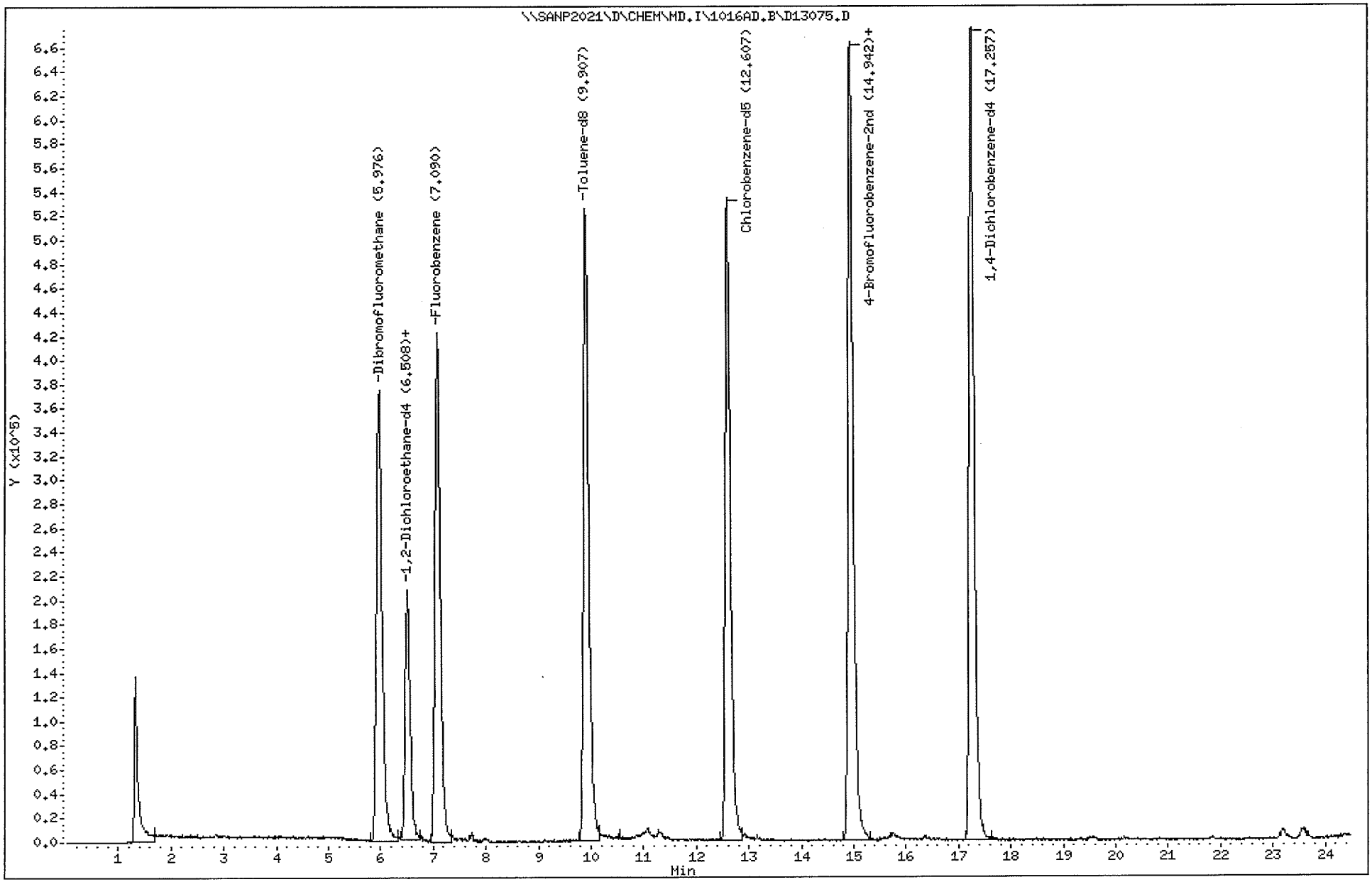
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ NA	1.316	10.85	J

Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\D13075.D
Date : 16-OCT-2000 11:01
Client ID: D13075
Sample Info: DLH5H101,,2,,0,1,0,8260BDA.M,D13075

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



BOE-C6-0155382

000717

Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\D13075.D

Date : 16-OCT-2000 11:01

Client ID: D13075

Instrument: md.i

Sample Info: DLH5H101,,2,,0,1,0,8260BDA.M,D13075

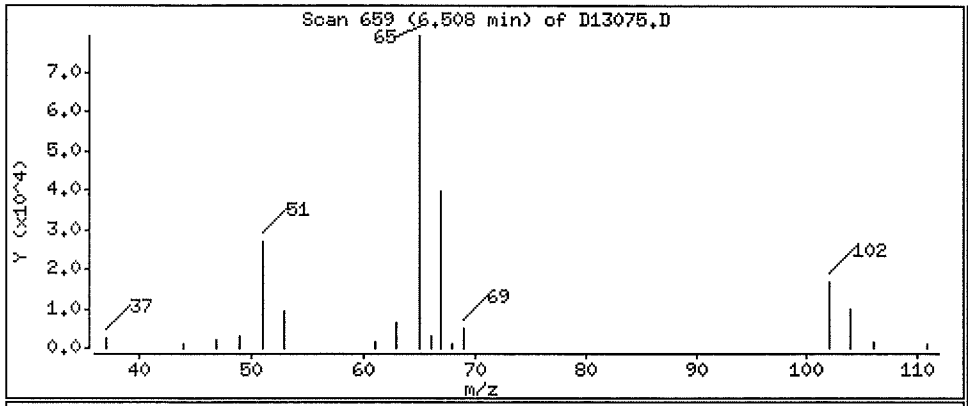
Operator: GFB

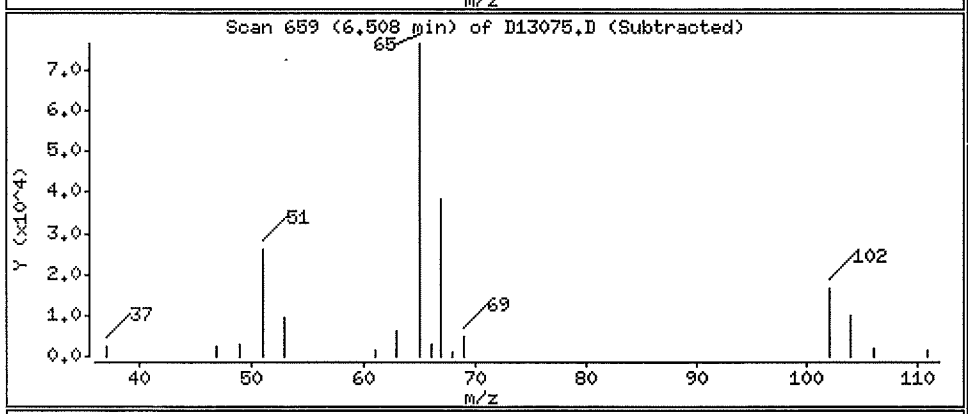
Column phase: J&W DB-624

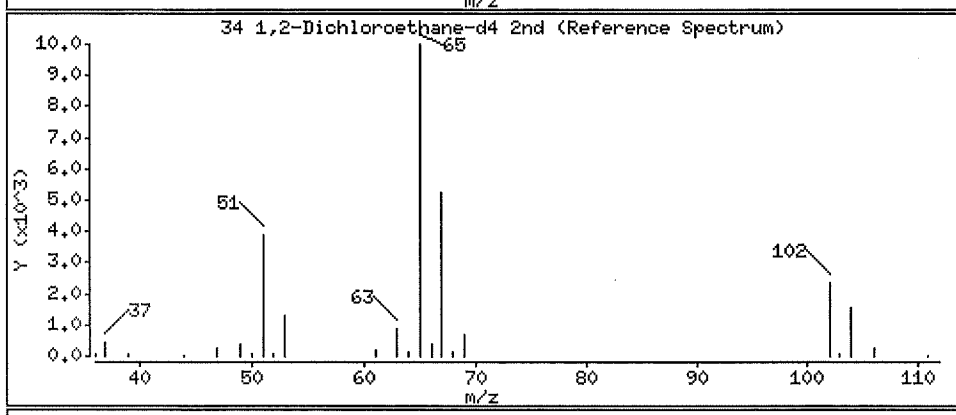
Column diameter: 0.53

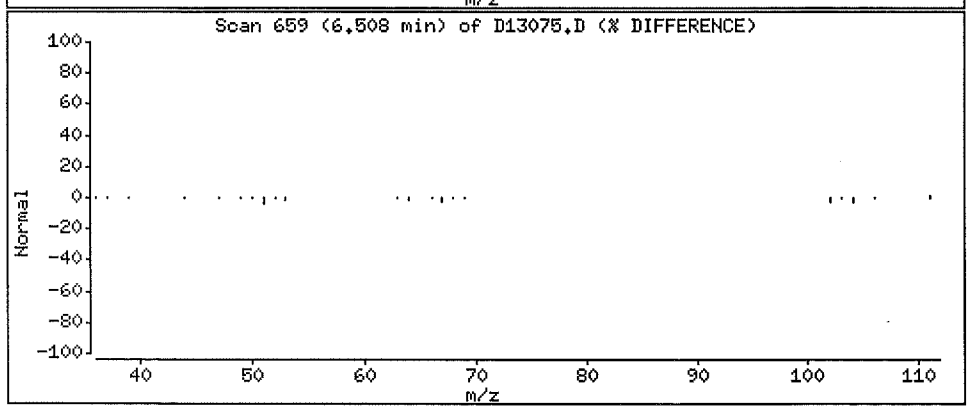
34 1,2-Dichloroethane-d4 2nd

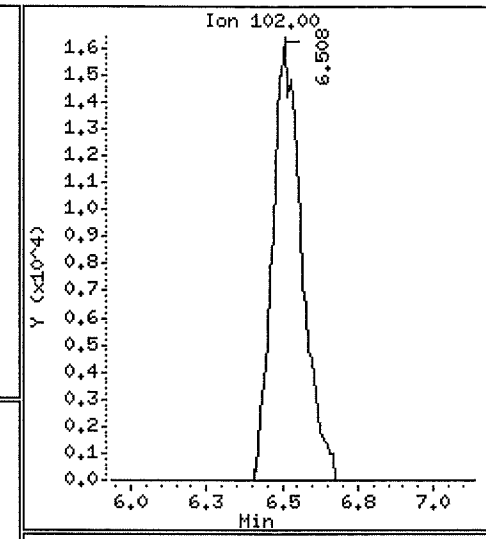
Concentration: 45.48 ug/Kg

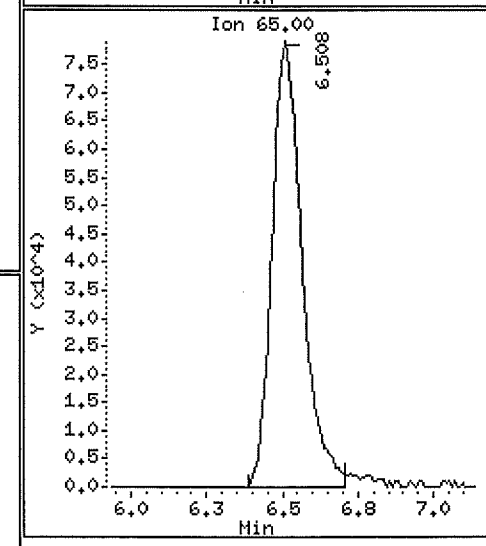












Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\D13075.D

Date : 16-OCT-2000 11:01

Client ID: D13075

Instrument: md.i

Sample Info: DLH5H101,,2,,0,1,0,8260BDA.M,D13075

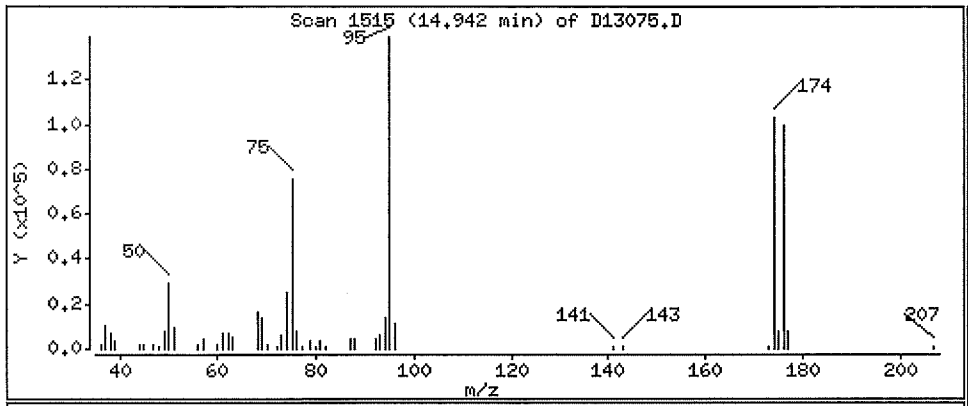
Operator: GFB

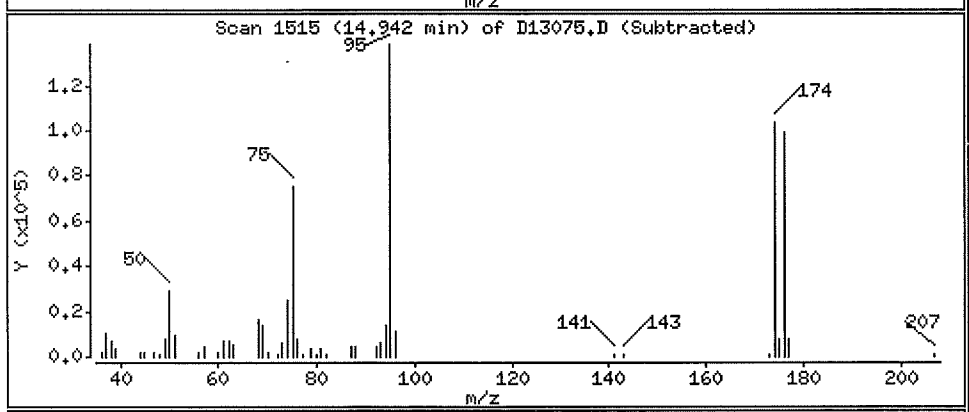
Column phase: J&W DB-624

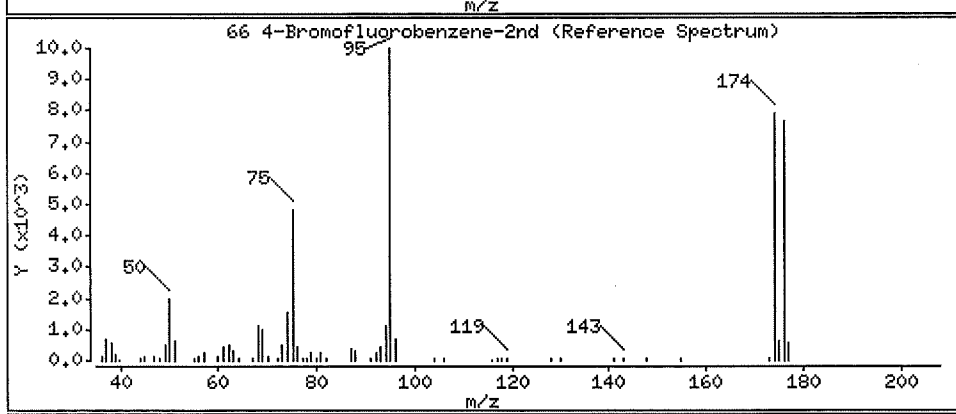
Column diameter: 0.53

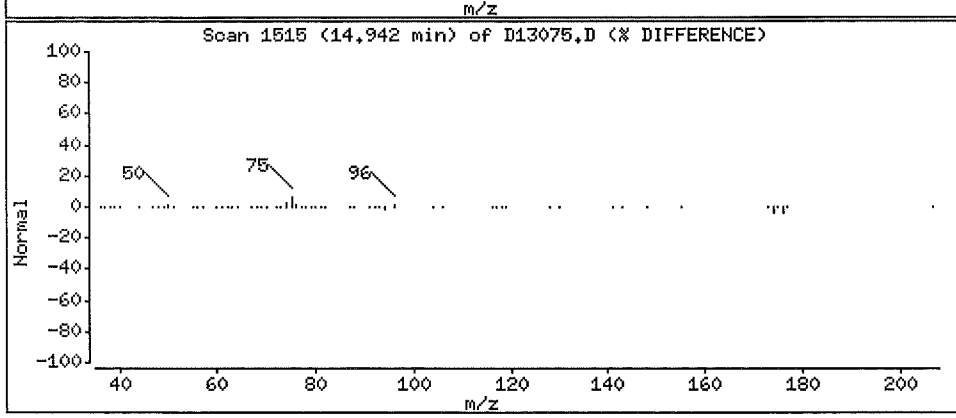
66 4-Bromofluorobenzene-2nd

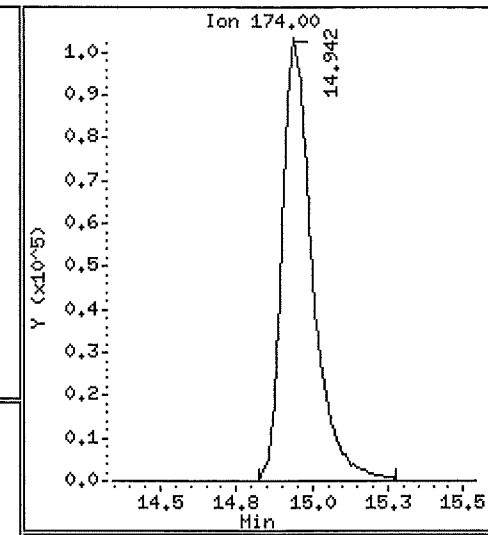
Concentration: 47.67 ug/Kg

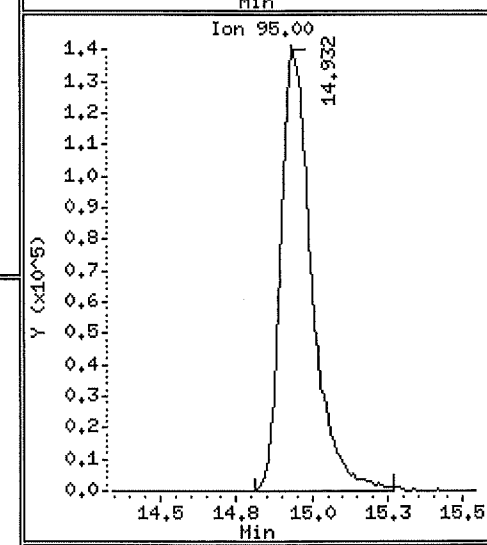


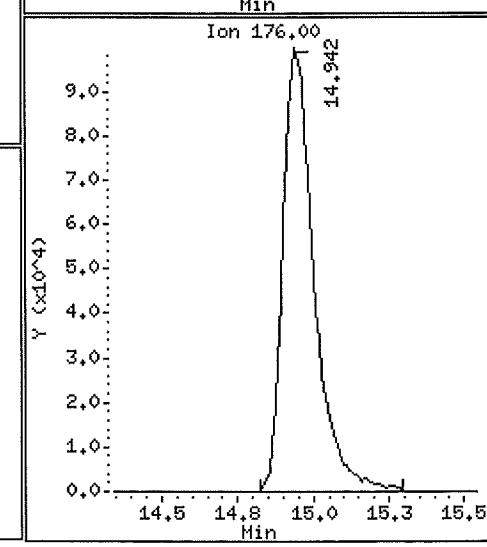












Data File: \\SANP2021\D\CHEM\MD.I\1016AD.B\D13075.D

Date : 16-OCT-2000 11:01

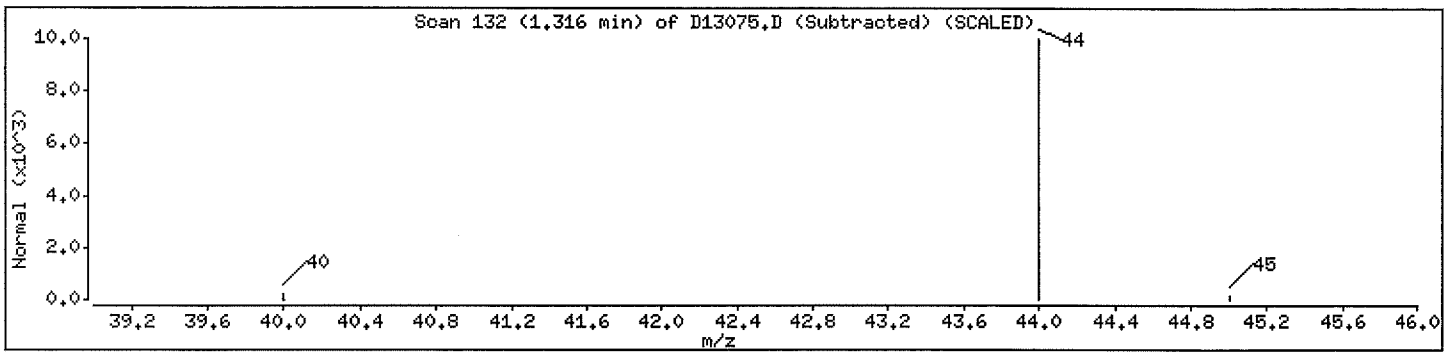
Client ID: D13075 Instrument: md.i

Sample Info: DLH5H101,,2,,0,1,0,8260BDA.M,D13075

Operator: GFB

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



UOV

8260B SAMPLE / QC DATA

DATE ANALYZED: 10/17/00 B

INSTRUMENT ID: C

SAMPLES: E0J040125-31
(Trip Blank)

Batch ID: _____

GC/MS V A Run Log

FK 10/18/00

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035

Inst ID: MSC | EM Set: 1647 | Tune File: 5FB3 U | Seq File: 101171BC

Init. Cal ID: 8260BCL -10-13 2000 | Date: 10/17/2000 PM

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
15:48	AD	CT1209	50ng BFB			1µ			V			
16:03		CS2052	10ppb 826013	1	L	25m	1.0	213	✓			MSV00A1198-1
16:43		CO9897	LCS 10.17BC	2				203	✓			I1260-2, S1261-1, SM>1235-2
17:13		98	MB 10.17BC	3				197	✓			OC1260-1
17:43		99	DMSU4-1AA	3				197	✓			
18:13		60 9900	DM3DL1AA	4				188	✓		2	EOJ060625-31
18:43		01	DM2RG1AA	5				174	✓			EOJ120303-7
19:13		02	DM289 1AA	6				175	✓			EOJ120234-5
19:42		03	DM289H1AA	3				193	—			EOJ120289-12
20:13		04	DM2DG1AA	4		12.5	2.0	157	✓			-13
20:43		05	DM2RD1AA	5		25	1.0	180	✓			EOJ120234-1
21:12		06	DM2RC1AA	6		↓	↓	163	✓			-2
21:42		07	DM2RE1AA	7		10ML	2.5	184	✓			-3
22:12		08	DM3DA1AA	8		1ML	25.0	159	✓			-4
22:42		09	DM3DE1AA	9		5ML	5.0	162	✓			EOJ120303-1
23:11		10	DM3DG1AA	10		↓	↓	168	N			-2
23:41		11	DM3DN1AA	11		2ML	12.5	165	N			THF O/R 142 -3
00:11		12	DM3DW1AA	12		1ML	25.0	181	✓			MeCl2 O/R 128 -4
00:41		13	DM3DI1AA	13		25ML	1.0	121	N			-5
01:10		14	DM15X1AA	14		10ML	25	183	✓			IS OUT -6
01:40		15	DM289 1ACS	15		25ML	1.0	192	✓			EOJ120170-1
02:10		16	DM289 1ADS	16				155	✓			EOJ120289-12MS
02:40		17	DM2RE1AFS	1				180	✓			-12MSD
03:09		C09a 18	DM2RE1AGP2					182	✓			EOJ120234-3MS
												-3MSD

RH 10/18/00

4

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Version 01/04/99

000722

BOE-C6-0155387

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA02609

Lab File ID (Standard): CS2054 Date Analyzed: 10/17/00

Instrument ID: MC Time Analyzed: 1603

Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	2131976	8.02	1444273	13.49	852197	18.12
	UPPER LIMIT	4263952	8.52	2888546	13.99	1704394	18.62
	LOWER LIMIT	1065988	7.52	722137	12.99	426099	17.62
	EPA SAMPLE NO.						
01	C09897	2033759	8.01	1387014	13.49	838246	18.11
02	C09898	1972260	8.02	1440115	13.49	824695	18.12
03	C09899	1957589	8.02	1390963	13.49	783065	18.12
04	C09900	1880545	8.02	1330196	13.49	786847	18.11
05	C09901	1748086	8.01	1299924	13.48	753744	18.12
06	C09902	1758938	8.02	1285419	13.49	750223	18.11
07	C09903	1939454	8.02	1412007	13.49	819538	18.12
08	C09904	1573193	8.01	1145177	13.47	675756	18.12
09	C09905	1809801	8.01	1325054	13.48	778116	18.12
10	C09906	1637008	8.02	1219253	13.48	707980	18.11
11	C09907	1845904	8.01	1348373	13.48	818389	18.12
12	C09908	1591949	8.02	1174293	13.49	690354	18.11
13	C09909	1628654	8.02	1146670	13.49	648407	18.12
14	C09910	1683747	8.02	1239406	13.49	724325	18.11
15	C09911	1657338	8.01	1228629	13.48	676964	18.12
16	C09912	1812900	8.03	1306727	13.48	701880	18.13
17	C09913	1217334	8.02	743324	13.49	368826*	18.12
18	C09914	1834863	8.03	1323079	13.49	780469	18.12
19	C09915	1920961	8.02	1375049	13.48	829661	18.12
20	C09916	1557339	8.03	1120673	13.49	687549	18.12
21	C09917	1801682	8.03	1278699	13.48	767557	18.11
22	C09918	1829859	8.02	1310039	13.49	784423	18.12

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA 1/87 Rev.

STL Los Angeles

Data file : \\SANP2010\D\CHEM\MC.I\1017BC.B\CT1209.D
Lab Smp Id:
Inj Date : 17-OCT-2000 15:48
Operator : AD Inst ID: mc.i
Smp Info : 50NG BFB,BFB,,,,,,BFB.M
Misc Info : ,,,,3,ALL.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1017BC.B\BFB.M
Meth Date : 23-May-2000 08:08 kentf Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 p-Bromofluorobenzene						CAS #: 460-00-4		
2.1453	2.1000	(0.000)	95	99242			0.00- 100.00	100.00
2.1453	2.1000	(0.000)	50	21490			15.00- 40.00	21.65
2.1453	2.1000	(0.000)	75	50613			30.00- 60.00	51.00
2.1453	2.1000	(0.000)	96	6913			5.00- 9.00	6.97
2.1453	2.1000	(0.000)	173	0			0.00- 2.00	0.00
2.1453	2.1000	(0.000)	174	81589			50.00- 0.00	82.21
2.1453	2.1000	(0.000)	175	6394			5.00- 9.00	7.84
2.1453	2.1000	(0.000)	176	80453			95.00- 101.00	98.61
2.1453	2.1000	(0.000)	177	5462			5.00- 9.00	6.79

10/17/2000

Data File: \\SANP2010\D\CHEM\MC.I\1017BC.B\CT1209.D

Date : 17-OCT-2000 15:48

Client ID:

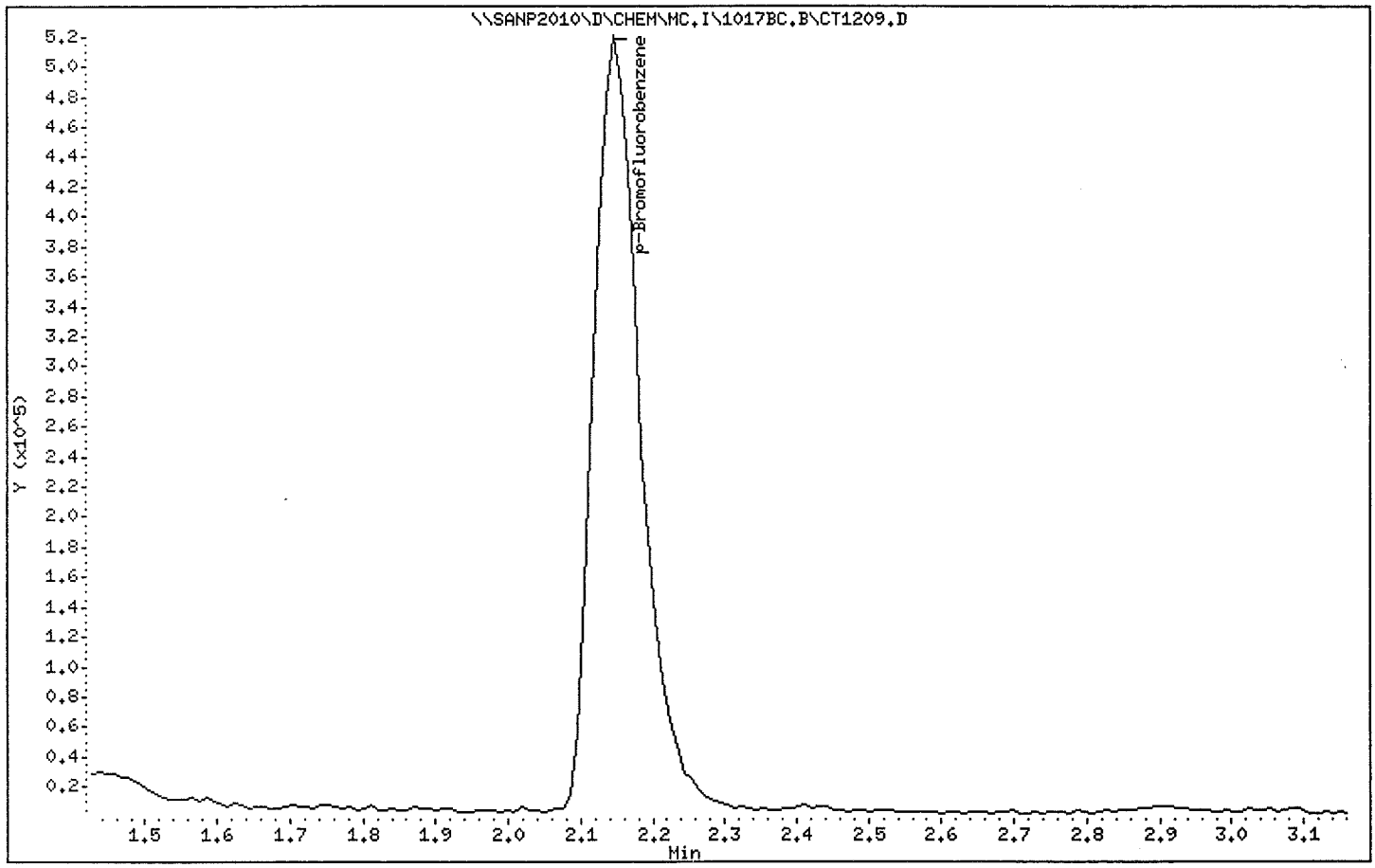
Instrument: mc.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2010\D\CHEM\MC.I\1017BC.B\CT1209.D

Date : 17-OCT-2000 15:48

Client ID:

Instrument: mc.i

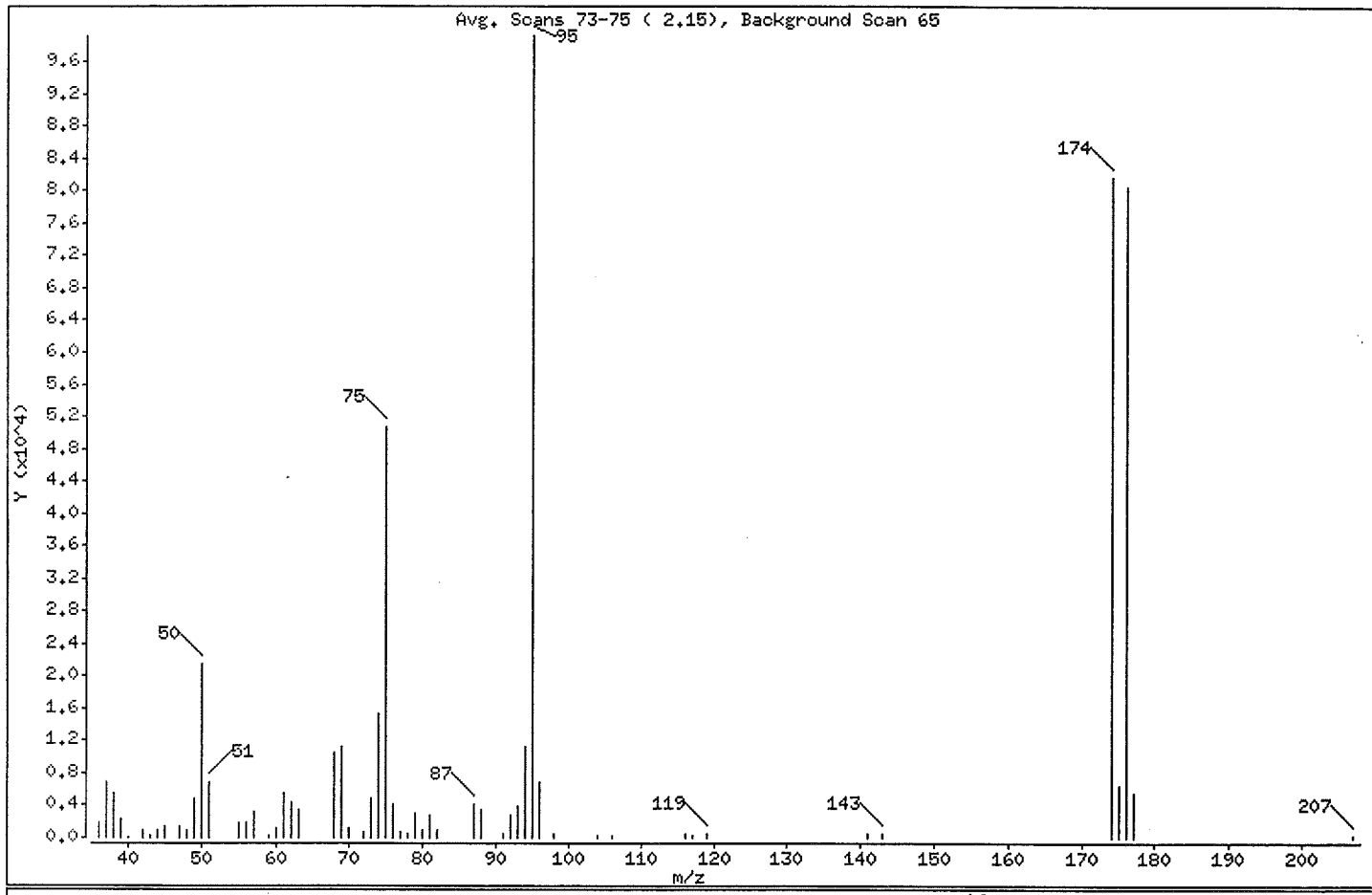
Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 p-Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.65
75	30.00 - 60.00% of mass 95	51.00
96	5.00 - 9.00% of mass 95	6.97
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	82.21
175	5.00 - 9.00% of mass 174	6.44 (7.84)
176	95.00 - 101.00% of mass 174	81.07 (98.61)
177	5.00 - 9.00% of mass 176	5.50 (6.79)

Data File: \\SANP2010\D\CHEM\MC.I\1017BC.B\CT1209.D

Date : 17-OCT-2000 15:48

Client ID:

Instrument: mc.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: CT1209.D
Spectrum: Avg. Scans 73-75 (2.15), Background Scan 65
Location of Maximum: 95.00
Number of points: 57

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1831	56.00	1910	77.00	647	104.00	173
37.00	6783	57.00	3124	78.00	467	106.00	169
38.00	5546	59.00	169	79.00	2880	116.00	388
39.00	2205	60.00	1219	80.00	895	117.00	235
40.00	67	61.00	5379	81.00	2741	119.00	541
42.00	967	62.00	4314	82.00	889	141.00	413
43.00	145	63.00	3311	87.00	4004	143.00	483
44.00	897	68.00	10395	88.00	3493	174.00	81584
45.00	1381	69.00	11168	91.00	427	175.00	6394
47.00	1427	70.00	1199	92.00	2641	176.00	80448
48.00	916	72.00	576	93.00	3857	177.00	5462
49.00	4767	73.00	4847	94.00	11120	207.00	301
50.00	21488	74.00	15262	95.00	99240		
51.00	6741	75.00	50608	96.00	6913		
55.00	1729	76.00	4156	98.00	435		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i Injection Date: 17-OCT-2000 16:03
Lab File ID: CS2054.D Init. Cal. Date(s): 13-OCT-2000 13-OCT-2000
Analysis Type: WATER Init. Cal. Times: 17:00 19:30
Lab Sample ID: 10PPB 8260BSTD Quant Type: ISTD
Method: \\SANP2010\D\chem\mc.i\1017BC.B\8260BCL.m

10/17/2000

	COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D	
	1 Dichlorodifluoromethane	0.47812	0.30229	0.010	-36.8	50.0	
	2 Chloromethane (**)	0.17821	0.18444	0.100	3.5	50.0	
	3 Vinyl chloride (*)	0.21289	0.22180	0.010	4.2	20.0	
	4 Bromomethane	0.22509	0.24867	0.010	10.5	50.0	
	5 Chloroethane	0.13761	0.15113	0.010	9.8	50.0	
	6 Trichlorofluoromethane	0.79484	0.67366	0.010	-15.2	50.0	
	7 Acrolein	0.01737	0.01785	0.010	2.7	50.0	
	8 1,1-Dichloroethene(*)	0.28621	0.28793	0.010	0.6	20.0	
	9 1,1,2-Trichlorotrifluoroeth	0.47679	0.41763	0.010	-12.4	50.0	
	10 Iodomethane	0.51178	0.53628	0.010	4.8	50.0	
	11 Acetone	0.02094	0.01553	0.010	-25.8	50.0	
	12 Carbon disulfide	0.56701	0.67456	0.010	19.0	50.0	
	13 Methylene chloride	0.22775	0.22808	0.010	0.1	50.0	
	14 Acrylonitrile	0.00290	0.00340	0.010	17.3	50.0	<-
	15 t-Butanol	0.00522	0.00315	0.010	-39.6	20.0	<-
	16 Vinyl acetate	0.30083	0.28391	0.010	-5.6	50.0	
	17 trans-1,2-Dichloroethene	0.32739	0.34115	0.010	4.2	20.0	
	18 Methyl-tert-butyl ether[MTB	0.28643	0.25104	0.010	-12.4	50.0	
	19 1,1-Dichloroethane (**)	0.52501	0.52349	0.100	-0.3	20.0	
	20 Isopropyl ether	0.69947	0.73930	0.010	5.7	20.0	
	21 Tert-butyl ethyl ether	0.56109	0.54567	0.010	-2.7	20.0	
M	22 1,2-Dichloroethene (total)	0.31727	0.33496	0.010	5.6	20.0	
	23 2,2-Dichloropropane	0.31788	0.40123	0.010	26.2	50.0	
	24 cis-1,2-Dichloroethene	0.30715	0.32877	0.010	7.0	20.0	
	25 2-Butanone	0.02365	0.02100	0.010	-11.2	50.0	
	26 Bromochloromethane	0.14855	0.14747	0.010	-0.7	50.0	
	27 Tetrahydrofuran	0.01188	0.01490	0.010	25.5	50.0	
	28 Chloroform (*)	0.76245	0.73191	0.010	-4.0	20.0	
$	29 Dibromofluoromethane	0.53385	0.53932	0.010	1.0	50.0	
	30 1,1,1-Trichloroethane	0.74110	0.72301	0.010	-2.4	20.0	
	31 Carbon Tetrachloride	0.69529	0.65230	0.010	-6.2	20.0	
	32 1,1-Dichloropropene	0.57059	0.56525	0.010	-0.9	50.0	
$	33 1,2-Dichloroethane-d4	0.24971	0.23271	0.010	-6.8	50.0	
	34 1,2-Dichloroethane-d4 2nd	0.04403	0.05196	0.010	18.0	50.0	
	35 Benzene	0.79444	0.87516	0.010	10.2	20.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i Injection Date: 17-OCT-2000 16:03
Lab File ID: CS2054.D Init. Cal. Date(s): 13-OCT-2000 13-OCT-2000
Analysis Type: WATER Init. Cal. Times: 17:00 19:30
Lab Sample ID: 10PPB 8260BSTD Quant Type: ISTD
Method: \\SANP2010\D\chem\mc.i\1017BC.B\8260BCL.m

	COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.32092	0.28492	0.010	-11.2	20.0	
	37 Tert-amyl methyl ether	0.40327	0.40624	0.010	0.7	20.0	
	39 Trichloroethene	0.50327	0.50869	0.010	1.1	20.0	
	40 1,2-Dichloropropane(*)	0.27539	0.29080	0.010	5.6	20.0	
	41 Dibromomethane	0.18816	0.17853	0.010	-5.1	50.0	
	42 Bromodichloromethane	0.54942	0.54469	0.010	-0.9	20.0	
	43 2-Chloroethylvinyl ether	0.00485	0.00672	0.010	38.4	50.0	<-
	44 1-Bromo-2-chloroethane	0.25567	0.27250	0.010	6.6	50.0	
	45 cis-1,3-Dichloropropene	0.31011	0.30964	0.010	-0.2	50.0	
	46 4-Methyl-2-pentanone	0.06770	0.06976	0.010	3.1	50.0	
$	47 Toluene-d8	1.08611	1.21377	0.010	11.8	50.0	
	48 Toluene (*)	1.39458	1.58013	0.010	13.3	20.0	
	49 trans-1,3-Dichloropropene	0.27496	0.26893	0.010	-2.2	50.0	
	50 1,1,2-Trichloroethane	0.23393	0.24356	0.010	4.1	50.0	
	51 Tetrachloroethene	0.72855	0.77568	0.010	6.5	20.0	
	52 1,3-Dichloropropane	0.37597	0.39464	0.010	5.0	50.0	
	53 2-Hexanone	0.06631	0.06295	0.010	-5.1	50.0	
	54 Dibromochloromethane	0.49465	0.50684	0.010	2.5	50.0	
	55 1,2-Dibromoethane	0.31686	0.30418	0.010	-4.0	50.0	
	57 Chlorobenzene (**)	1.07199	1.14874	0.300	7.2	50.0	
	58 1,1,1,2-Tetrachloroethane	0.53784	0.57650	0.010	7.2	50.0	
	59 Ethylbenzene (*)	0.52935	0.58157	0.010	9.9	20.0	
	60 m,p-Xylenes	0.65171	0.72662	0.010	11.5	20.0	
M	61 Xylenes (total)	0.63479	0.70470	0.010	11.0	20.0	
	62 o-Xylene	0.60095	0.66087	0.010	10.0	20.0	
	63 Styrene	0.87833	0.97004	0.010	10.4	50.0	
	64 Bromoform (**)	0.27134	0.29540	0.100	8.9	50.0	
	65 Isopropylbenzene	2.09661	2.28079	0.010	8.8	50.0	
$	66 4-Bromofluorobenzene	0.72278	0.76826	0.010	6.3	50.0	
	67 4-Bromofluorobenzene-2nd	0.61205	0.62250	0.010	1.7	50.0	
	68 Bromobenzene	0.95805	0.99138	0.010	3.5	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.45959	0.47945	0.300	4.3	50.0	
	70 1,2,3-Trichloropropane	0.12147	0.12481	0.010	2.7	50.0	
	71 n-Propylbenzene	4.06276	4.37349	0.010	7.6	50.0	
	72 2-Chlorotoluene	0.81296	0.88594	0.010	9.0	50.0	
	73 4-Chlorotoluene	0.79102	0.86389	0.010	9.2	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i Injection Date: 17-OCT-2000 16:03
Lab File ID: CS2054.D Init. Cal. Date(s): 13-OCT-2000 13-OCT-2000
Analysis Type: WATER Init. Cal. Times: 17:00 19:30
Lab Sample ID: 10PPB 8260BSTD Quant Type: ISTD
Method: \\SANP2010\D\chem\mc.i\1017BC.B\8260BCL.m

COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.83677	3.09791	0.010	9.2	50.0
75 tert-Butylbenzene	3.12145	3.28686	0.010	5.3	50.0
76 1,2,4-Trimethylbenzene	2.77919	2.93763	0.010	5.7	50.0
77 sec-Butylbenzene	4.16324	4.55781	0.010	9.5	50.0
78 1,3-Dichlorobenzene	1.70685	1.77924	0.010	4.2	50.0
80 p-Isopropyltoluene	3.46639	3.68823	0.010	6.4	50.0
81 1,4-Dichlorobenzene	1.72203	1.77679	0.010	3.2	50.0
82 1,2-Dichlorobenzene	1.37848	1.38640	0.010	0.6	50.0
83 n-Butylbenzene	3.43040	3.74042	0.010	9.0	50.0
84 1,2-Dibromo-3-chloropropane	0.08952	0.09257	0.010	3.4	50.0
85 1,2,4-Trichlorobenzene	1.26756	1.26099	0.010	-0.5	50.0
86 Hexachlorobutadiene	1.72387	1.86600	0.010	8.2	50.0
87 Napthalene	0.80240	0.77436	0.010	-3.5	20.0
88 1,2,3-Trichlorobenzene	0.96366	0.89501	0.010	-7.1	50.0

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2054.D
Lab Smp Id: 10PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1017BC.B\8260BCL.m
Misc Info: ,25,,,2,1-8260B.SUB

Calibration Date: 17-OCT-2000
Calibration Time: 16:03

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2131976	1065988	4263952	2131976	0.00
56 Chlorobenzene-d5	1444273	722137	2888546	1444273	0.00
79 1,4-Dichlorobenze	852197	426099	1704394	852197	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.00
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.00
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	0.00

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.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1017BC.B\CS2054.D
Lab Smp Id: 10PPB 8260BSTD
Inj Date : 17-OCT-2000 16:03
Operator : AD Inst ID: mc.i
Smp Info : 10PPB 8260BSTD,,,3,0,,,8260BCL.M
Misc Info : ,25,,,2,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1017BC.B\8260BCL.m
Meth Date : 17-Oct-2000 16:44 target Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

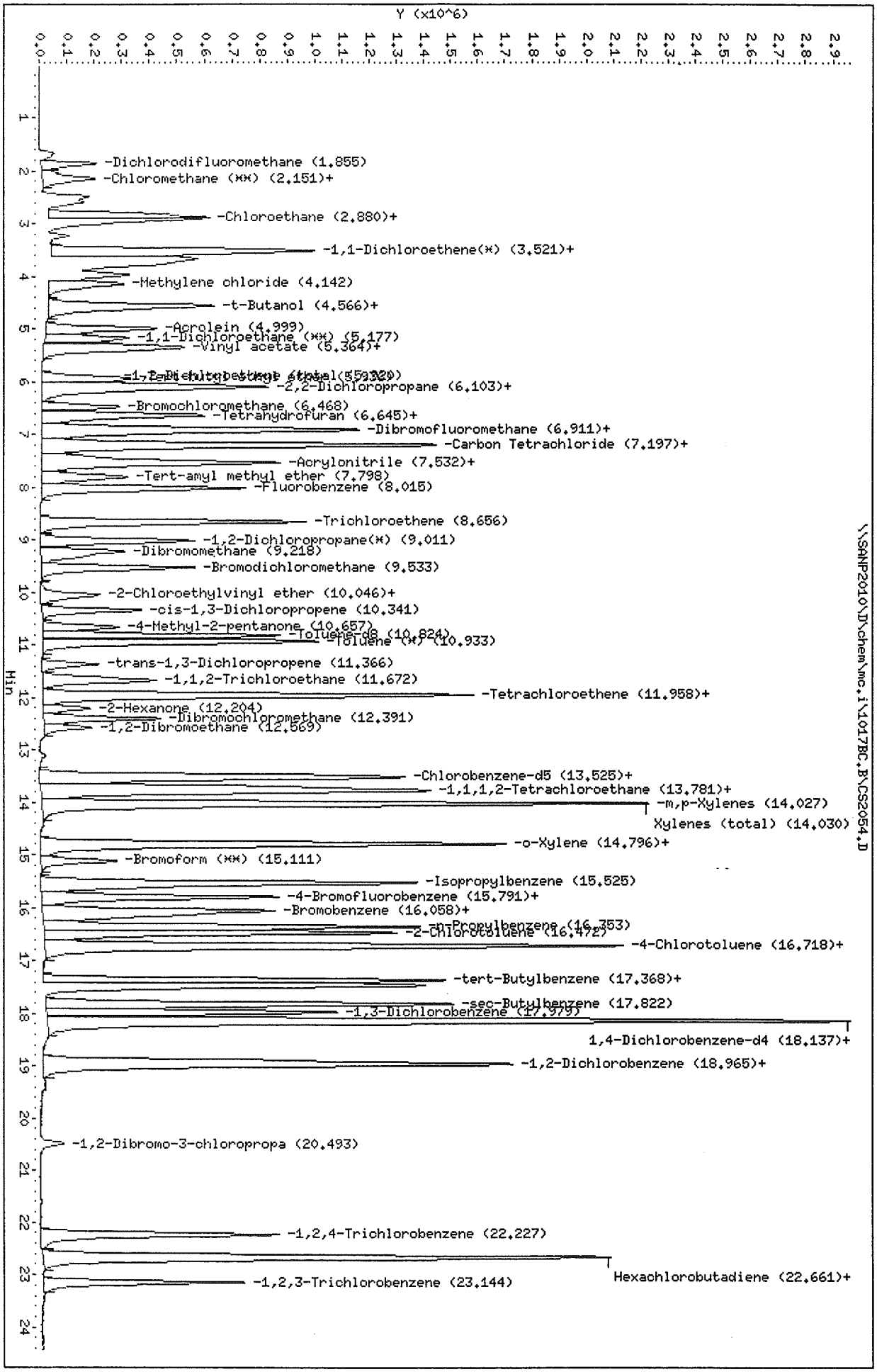
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.865	1.865	(0.233)	644481	10.0000	6.32
2 Chloromethane (**)	50	2.112	2.112	(0.263)	393228	10.0000	10.35
3 Vinyl chloride (*)	62	2.151	2.151	(0.268)	472882	10.0000	10.42
4 Bromomethane	94	2.496	2.496	(0.311)	530159	10.0000	11.05
5 Chloroethane	64	2.604	2.604	(0.325)	322213	10.0000	10.98
6 Trichlorofluoromethane	101	2.900	2.900	(0.362)	1436232	10.0000	8.48
7 Acrolein	56	5.009	5.009	(0.625)	380458	100.000	102.7
8 1,1-Dichloroethene(*)	96	3.511	3.511	(0.438)	613854	10.0000	10.06
9 1,1,2-Trichlorotrifluoroethan	151	3.541	3.541	(0.442)	890378	10.0000	8.76
10 Iodomethane	142	3.689	3.689	(0.460)	2286670	20.0000	20.96
11 Acetone	43	3.561	3.561	(0.444)	165571	50.0000	37.09
12 Carbon disulfide	76	3.777	3.777	(0.471)	1438149	10.0000	11.90(M)
13 Methylene chloride	84	4.152	4.152	(0.518)	486269	10.0000	10.01
14 Acrylonitrile	53	7.434	7.434	(0.927)	72401	100.000	117.2(Q)
15 t-Butanol	59	4.398	4.398	(0.549)	26899	40.0000	24.15(a)

MT 10/17/2000

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.325	5.325	(0.664)	1210570	20.0000	18.88
	17 trans-1,2-Dichloroethene	96	4.566	4.566	(0.570)	727329	10.0000	10.42
	18 Methyl-tert-butyl ether[MTBE]	73	4.585	4.585	(0.572)	535204	10.0000	8.76
	19 1,1-Dichloroethane (**)	63	5.177	5.177	(0.646)	1116077	10.0000	9.97
	20 Isopropyl ether	45	5.364	5.364	(0.669)	1576169	10.0000	10.57
	21 Tert-butyl ethyl ether	59	5.946	5.946	(0.742)	1163361	10.0000	9.72
M	22 1,2-Dichloroethene (total)	100				1428266	20.0000	21.12
	23 2,2-Dichloropropane	77	6.103	6.103	(0.761)	855405	10.0000	12.62
	24 cis-1,2-Dichloroethene	96	6.093	6.093	(0.760)	700937	10.0000	10.70
	25 2-Butanone	43	6.162	6.162	(0.769)	223841	50.0000	44.39
	26 Bromochloromethane	128	6.478	6.478	(0.808)	314397	10.0000	9.93
	27 Tetrahydrofuran	42	6.596	6.596	(0.823)	31774	10.0000	12.55
	28 Chloroform (*)	83	6.645	6.645	(0.829)	1560419	10.0000	9.60
$	29 Dibromofluoromethane	111	6.892	6.892	(0.860)	1149809	10.0000	10.10
	30 1,1,1-Trichloroethane	97	6.921	6.921	(0.864)	1541439	10.0000	9.76
	31 Carbon Tetrachloride	117	7.197	7.197	(0.898)	1390691	10.0000	9.38
	32 1,1-Dichloropropene	75	7.207	7.207	(0.899)	1205105	10.0000	9.91
$	33 1,2-Dichloroethane-d4	65	7.434	7.434	(0.927)	496142	10.0000	9.32
	34 1,2-Dichloroethane-d4 2nd	102	7.434	7.434	(0.927)	110786	10.0000	11.80(Q)
	35 Benzene	78	7.532	7.532	(0.940)	1865817	10.0000	11.02
	36 1,2-Dichloroethane	62	7.552	7.552	(0.942)	607443	10.0000	8.88
	37 Tert-amyl methyl ether	73	7.798	7.798	(0.973)	866087	10.0000	10.07
*	38 Fluorobenzene	96	8.015	8.015	(1.000)	2131976	10.0000	
	39 Trichloroethene	130	8.656	8.656	(1.080)	1084521	10.0000	10.11
	40 1,2-Dichloropropane(*)	63	9.011	9.011	(1.124)	619984	10.0000	10.56
	41 Dibromomethane	93	9.208	9.208	(1.149)	380621	10.0000	9.49
	42 Bromodichloromethane	83	9.533	9.533	(1.189)	1161272	10.0000	9.91
	43 2-Chloroethylvinyl ether	106	10.095	10.095	(1.259)	28641	20.0000	27.69(Q)
	44 1-Bromo-2-chloroethane	63	10.046	10.046	(1.253)	580970	10.0000	10.66
	45 cis-1,3-Dichloropropene	75	10.341	10.341	(1.290)	660153	10.0000	9.98
	46 4-Methyl-2-pentanone	43	10.666	10.666	(1.331)	743674	50.0000	51.53
$	47 Toluene-d8	98	10.824	10.824	(0.803)	1753016	10.0000	11.18
	48 Toluene (*)	91	10.942	10.942	(0.811)	2282135	10.0000	11.33
	49 trans-1,3-Dichloropropene	75	11.366	11.366	(0.843)	388402	10.0000	9.78
	50 1,1,2-Trichloroethane	97	11.682	11.682	(0.866)	351769	10.0000	10.41
	51 Tetrachloroethene	164	11.948	11.948	(0.886)	1120295	10.0000	10.65
	52 1,3-Dichloropropane	76	11.977	11.977	(0.888)	569975	10.0000	10.50
	53 2-Hexanone	43	12.204	12.204	(0.905)	454587	50.0000	47.46
	54 Dibromochloromethane	129	12.401	12.401	(0.920)	732009	10.0000	10.25
	55 1,2-Dibromoethane	107	12.569	12.569	(0.932)	439325	10.0000	9.60
*	56 Chlorobenzene-d5	117	13.485	13.485	(1.000)	1444273	10.0000	
	57 Chlorobenzene (**)	112	13.544	13.544	(1.004)	1659094	10.0000	10.72
	58 1,1,1,2-Tetrachloroethane	131	13.712	13.712	(1.017)	832624	10.0000	10.72
	59 Ethylbenzene (*)	106	13.791	13.791	(1.023)	839950	10.0000	10.99
	60 m,p-Xylenes	106	14.017	14.017	(1.039)	2098879	20.0000	22.30
M	61 Xylenes (total)	100				3053356	30.0000	33.30
	62 o-Xylene	106	14.776	14.776	(1.096)	954477	10.0000	11.00

Data File: \\SANP2010\D\chem\mc.i\1017BC.B\CS2054.D
Date : 17-OCT-2000 16:03
Client ID:
Sample Info: 10PPB 8260BSTD,,3,0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1017BC.B\C09897.D
Lab Smp Id: LCS-1017BC Client Smp ID: C09897
Inj Date : 17-OCT-2000 16:43
Operator : AD Inst ID: mc.i
Smp Info : LCS-1017BC,LCS,1,,0,1,0,8260BCL.M,C09897
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1017BC.B\8260BCL.m
Meth Date : 17-Oct-2000 16:44 target Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.496	3.511	(0.436)	563125	9.67441	9.67
$ 29 Dibromofluoromethane	111	6.897	6.892	(0.861)	1119828	10.3142	10.31
$ 33 1,2-Dichloroethane-d4	65	7.439	7.434	(0.929)	471354	9.28131	9.28
34 1,2-Dichloroethane-d4 2nd	102	7.449	7.434	(0.930)	100062	11.1749	11.17(Q)
35 Benzene	78	7.537	7.532	(0.941)	1542918	9.54948	9.55
* 38 Fluorobenzene	96	8.010	8.015	(1.000)	2033759	10.0000	
39 Trichloroethene	130	8.661	8.656	(1.081)	902766	8.82014	8.82
$ 47 Toluene-d8	98	10.829	10.824	(0.803)	1726401	11.4601	11.46
48 Toluene (*)	91	10.937	10.942	(0.811)	1850666	9.56758	9.57
* 56 Chlorobenzene-d5	117	13.490	13.485	(1.000)	1387014	10.0000	
57 Chlorobenzene (**)	112	13.539	13.544	(1.004)	1339224	9.00701	9.01
$ 66 4-Bromofluorobenzene	95	15.796	15.791	(1.171)	1083245	10.8053	10.80
67 4-Bromofluorobenzene-2nd	174	15.796	15.801	(1.171)	873142	10.2853	10.28
* 79 1,4-Dichlorobenzene-d4	152	18.112	18.117	(1.000)	838246	10.0000	(Q)

Data File: \\SANP2010\D\CHEM\MC.I\1017BC.B\C09897.D

Date : 17-OCT-2000 16:43

Client ID: C09897

Sample Info: LCS-1017BC,LCS,1,,0,1,0,8260BCL.M,C09897

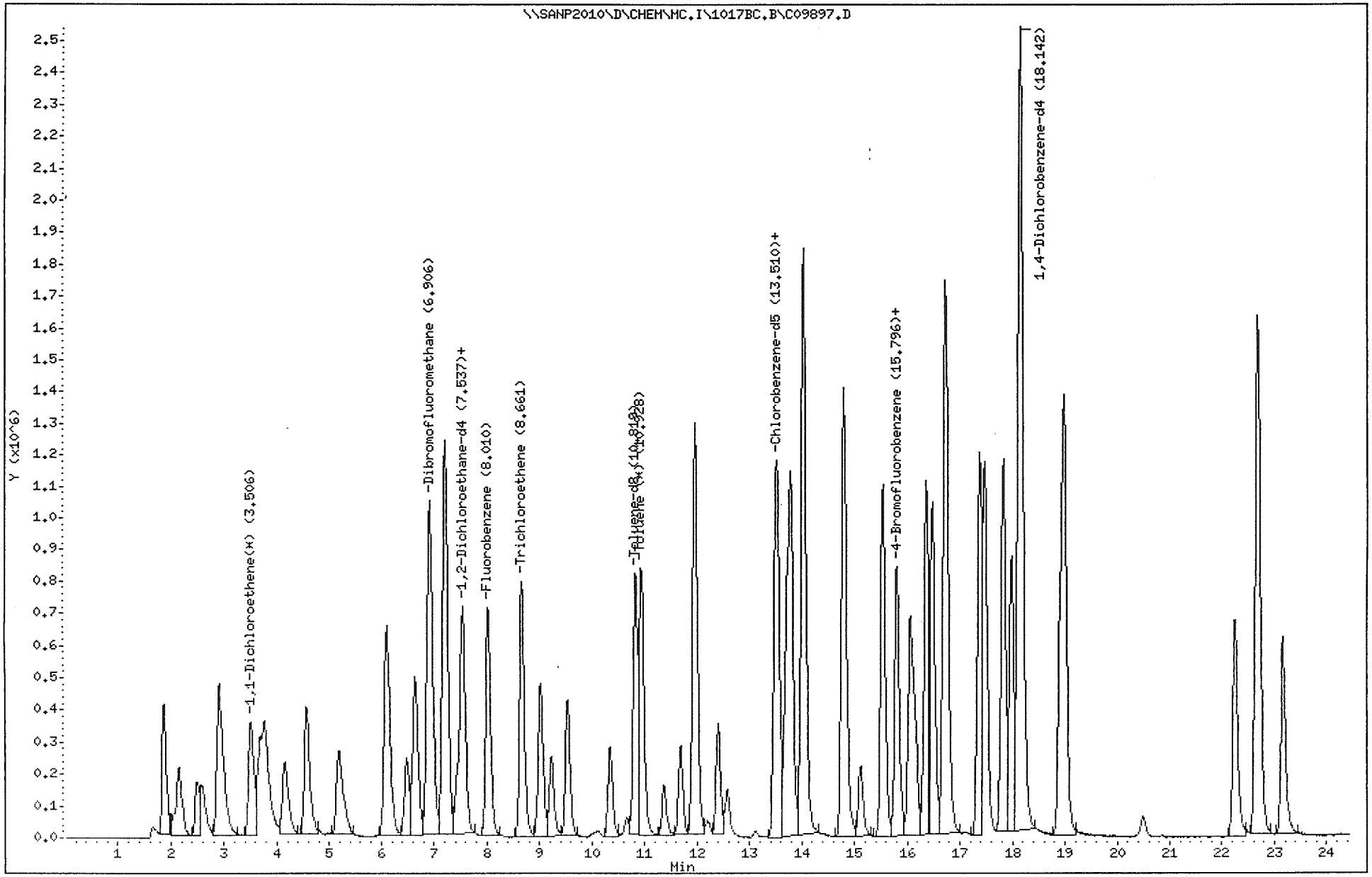
Purge Volume: 25.0

Column phase: J&W DB-624

Instrument: mc.i

Operator: AD

Column diameter: 0.53



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BOE-C6-0155401

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09898.D
Lab Smp Id: MB-1017BC
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1017BC.B\8260BCL.m
Misc Info: ,25,,,3,1-8260B.SUB

Calibration Date: 17-OCT-2000
Calibration Time: 16:03
Client Smp ID: C09898
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2131976	1065988	4263952	1972260	-7.49
56 Chlorobenzene-d5	1444273	722137	2888546	1440115	-0.29
79 1,4-Dichlorobenze	852197	426099	1704394	824695	-3.23

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.09
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.05
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	0.04

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.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1017BC.B\C09898.D
Lab Smp Id: MB-1017BC Client Smp ID: C09898
Inj Date : 17-OCT-2000 17:13
Operator : AD Inst ID: mc.i
Smp Info : MB-1017BC,BLANK,1,,0,1,0,8260BCL.M,C09898
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1017BC.B\8260BCL.m
Meth Date : 17-Oct-2000 22:09 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
14 Acrylonitrile	53	7.441	7.434	(0.928)	54707	-95.7792	95.78(Q)
$ 29 Dibromofluoromethane	111	6.899	6.892	(0.860)	1096218	10.4115	10.41
$ 33 1,2-Dichloroethane-d4	65	7.431	7.434	(0.926)	466055	9.46312	9.46
34 1,2-Dichloroethane-d4 2nd	102	7.431	7.434	(0.926)	94310	10.8609	10.86
37 Tert-amyl methyl ether	73	8.022	7.798	(1.000)	33301	0.41870	0.419(a)
* 38 Fluorobenzene	96	8.022	8.015	(1.000)	1972260	10.0000	
$ 47 Toluene-d8	98	10.831	10.824	(0.803)	1705655	10.9049	10.90
* 56 Chlorobenzene-d5	117	13.492	13.485	(1.000)	1440115	10.0000	
$ 66 4-Bromofluorobenzene	95	15.799	15.791	(1.171)	1078672	10.3630	10.36
67 4-Bromofluorobenzene-2nd	174	15.799	15.801	(1.171)	866721	9.83322	9.83
* 79 1,4-Dichlorobenzene-d4	152	18.124	18.117	(1.000)	824695	10.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1017BC.B\C09898.D
Lab Smp Id: MB-1017BC Client Smp ID: C09898
Inj Date : 17-OCT-2000 17:13
Operator : AD Inst ID: mc.i
Smp Info : MB-1017BC,BLANK,1,,0,1,0,8260BCL.M,C09898
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1017BC.B\8260BCL.m
Meth Date : 17-Oct-2000 22:09 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1017BC
Operator : AD
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa02609
Client Smp ID: C09898
Sample Date:
Sample Point:
Date Received:
Level: LOW

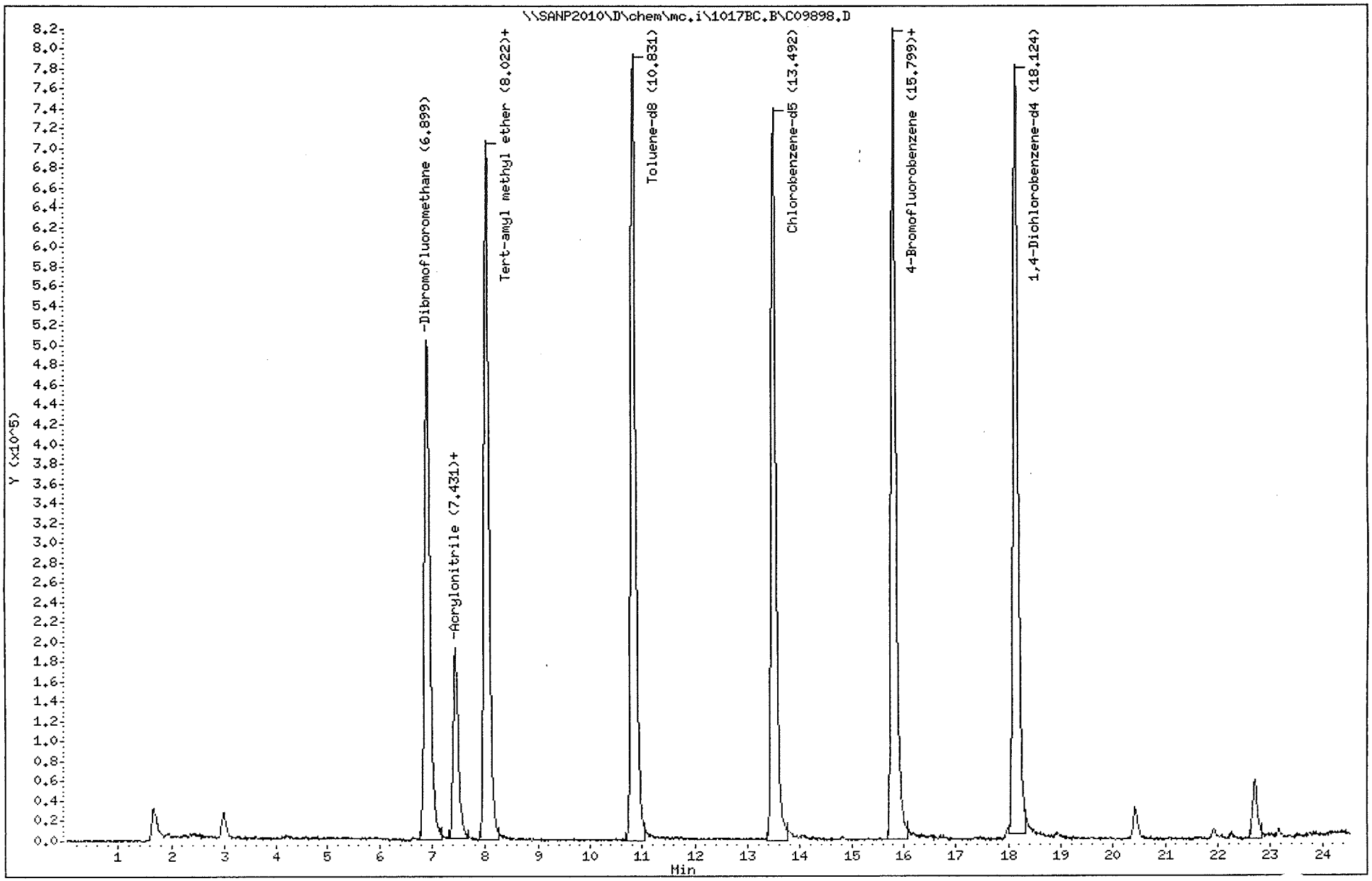
Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2010\D\chem\mc.i\1017BC.B\C09898.D
Date : 17-OCT-2000 17:13
Client ID: C09898
Sample Info: MB-1017BC,BLANK,1,,0,1,0,8260BCL.M,C09898
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



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BOE-C6-0155407

Data File: \\SANP2010\D\chem\mc.i\1017BC.B\C09898.D

Date : 17-OCT-2000 17:13

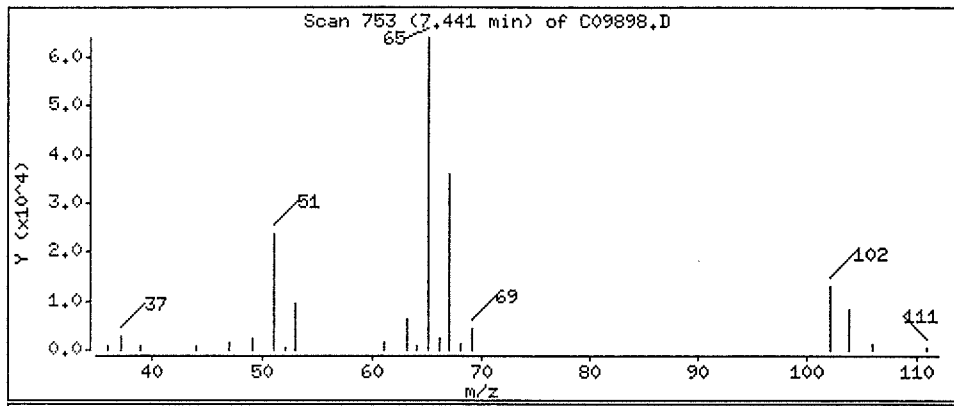
Client ID: C09898 Instrument: mc.i

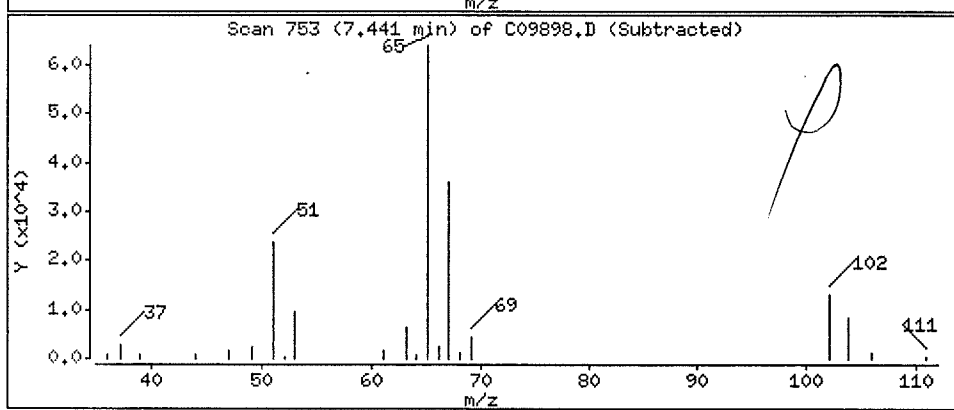
Sample Info: MB-1017BC,BLANK,1,,0,1,0,8260BCL.M,C09898

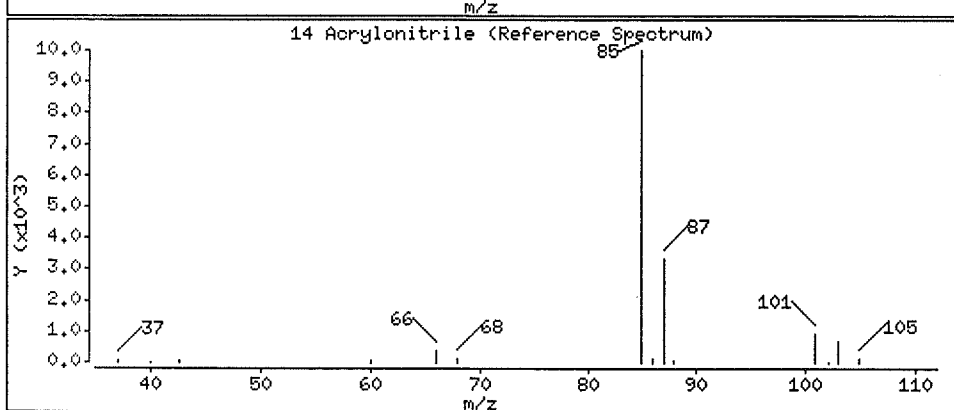
Purge Volume: 25.0 Operator: AD

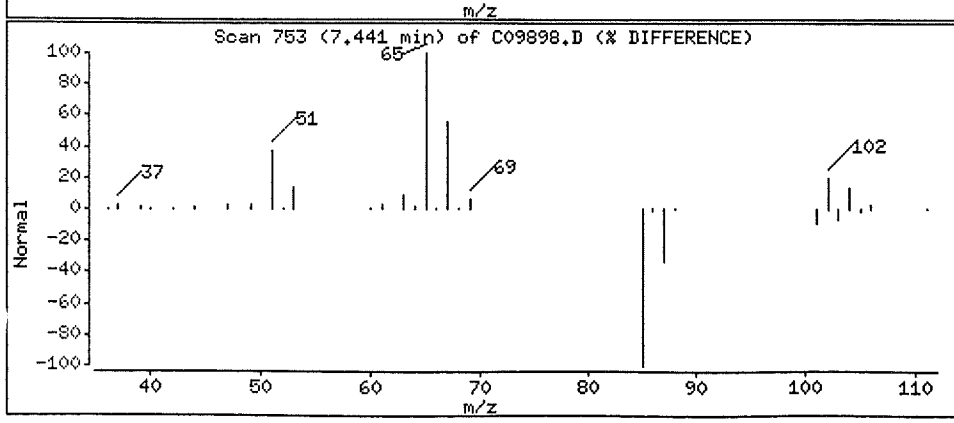
Column phase: J&W DB-624 Column diameter: 0.53

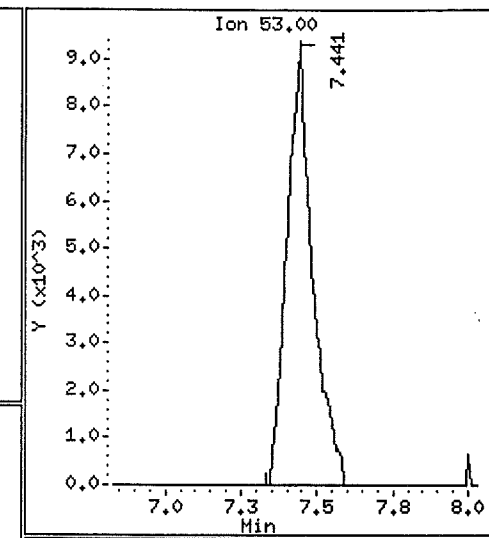
14 Acrylonitrile Concentration: 95.78 ug/L

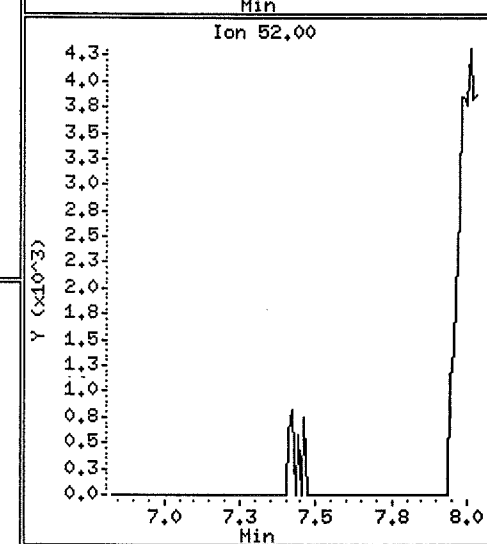


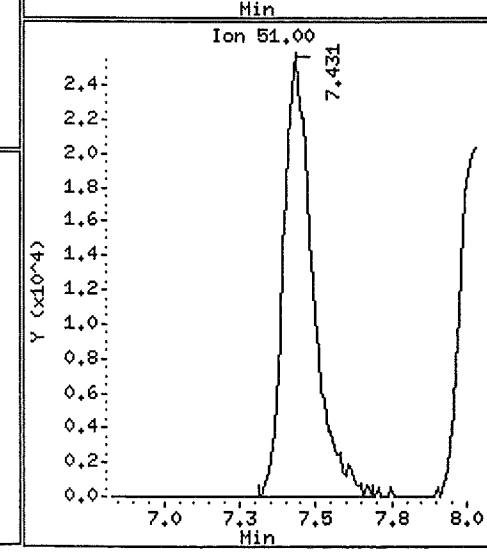












Data File: \\SANP2010\D\chem\mc.i\1017BC.B\C09898.D

Date : 17-OCT-2000 17:13

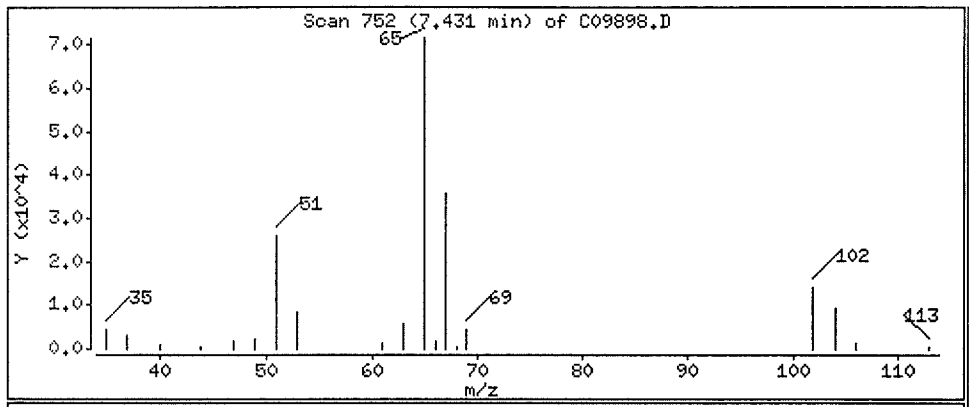
Client ID: C09898 Instrument: mc.i

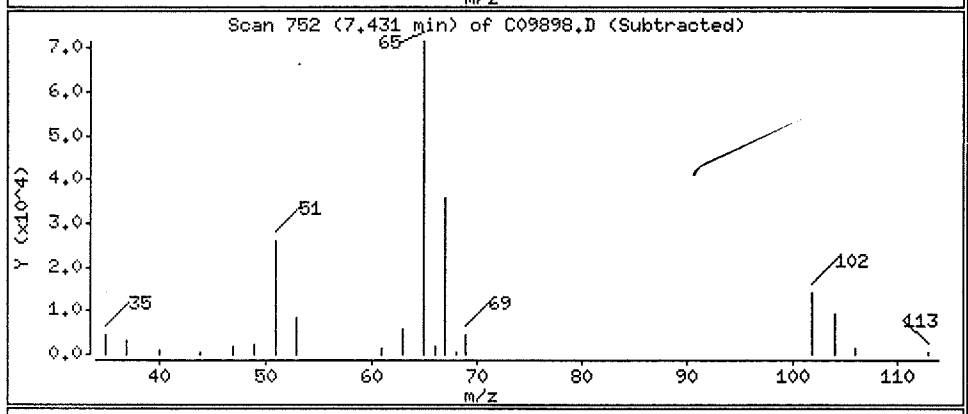
Sample Info: MB-1017BC,BLANK,1,,0,1,0,8260BCL.M,C09898

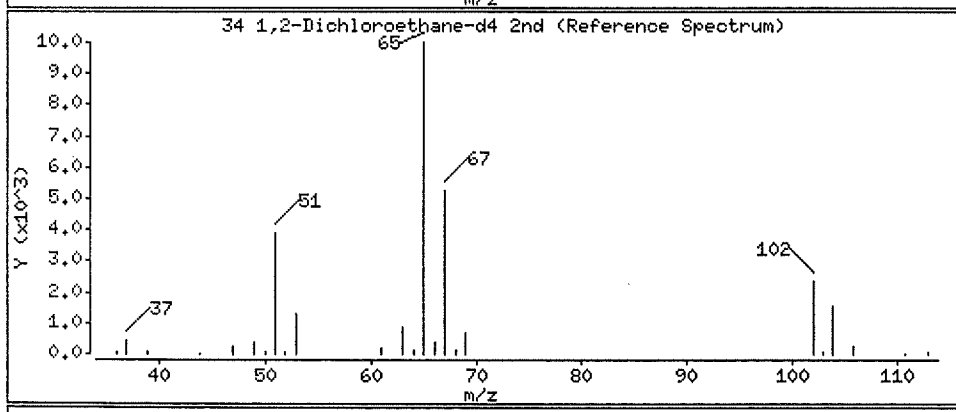
Purge Volume: 25.0 Operator: AD

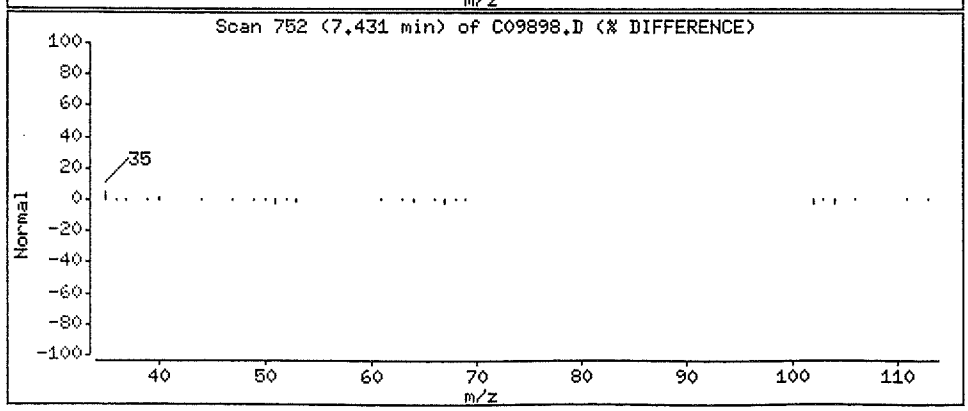
Column phase: J&W DB-624 Column diameter: 0.53

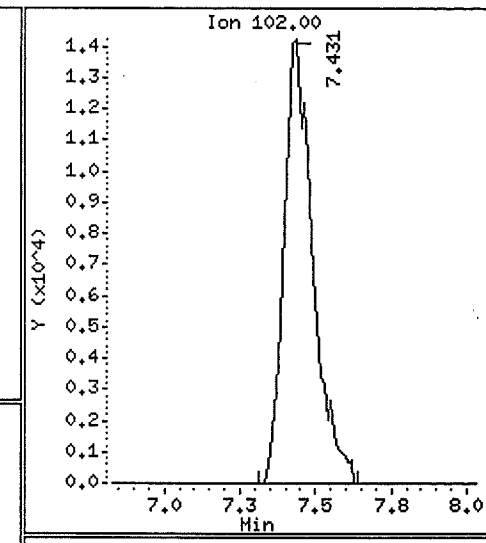
34 1,2-Dichloroethane-d4 2nd Concentration: 10.86 ug/L

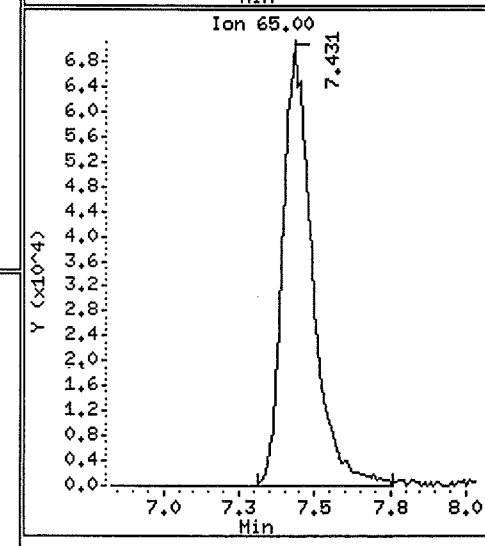












Data File: \\SANP2010\D\chem\mc.i\1017BC.B\C09898.D

Date : 17-OCT-2000 17:13

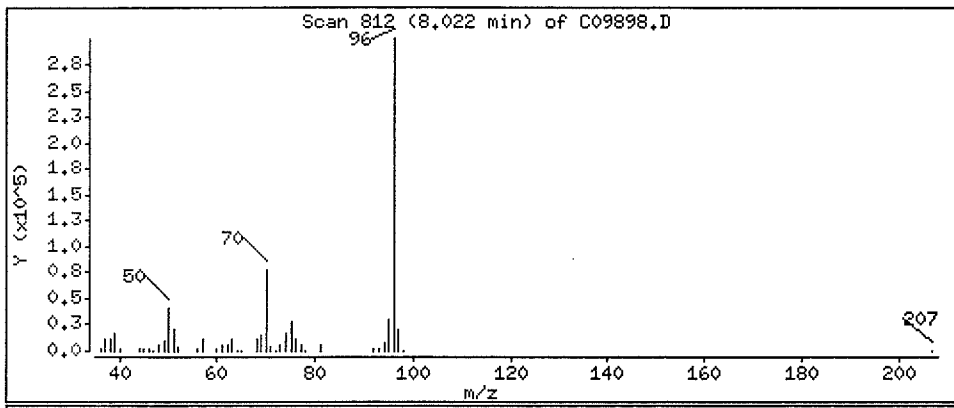
Client ID: C09898 Instrument: mc.i

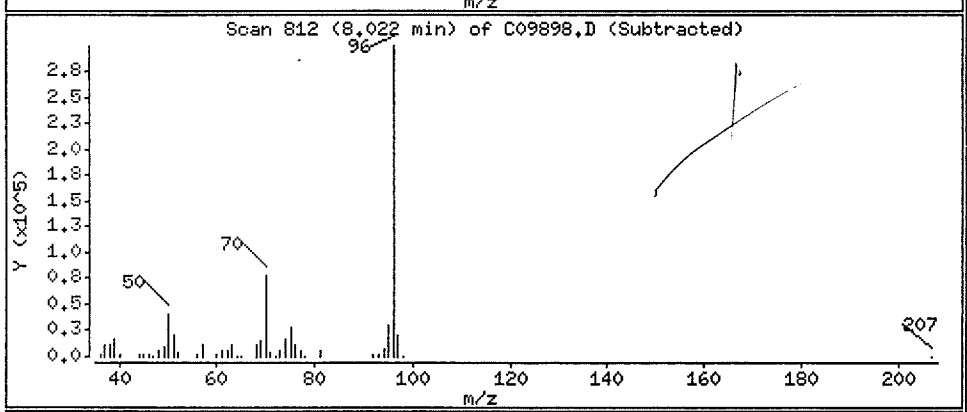
Sample Info: MB-1017BC,BLANK,1,,0,1,0,8260BCL.M,C09898

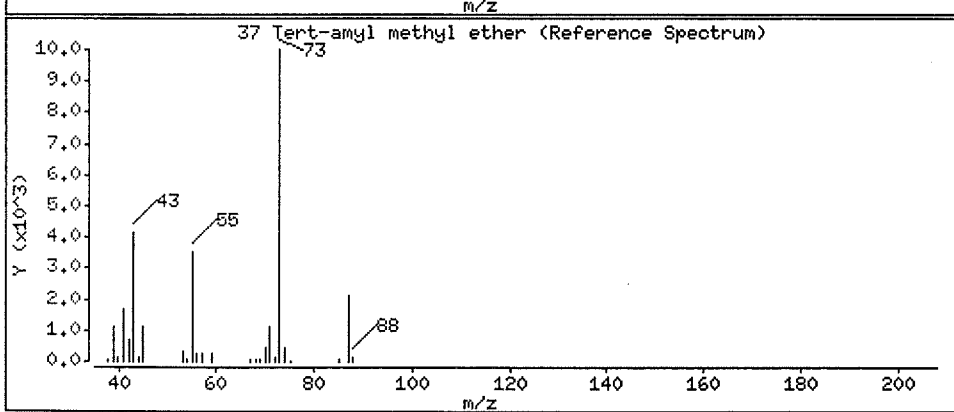
Purge Volume: 25.0 Operator: AD

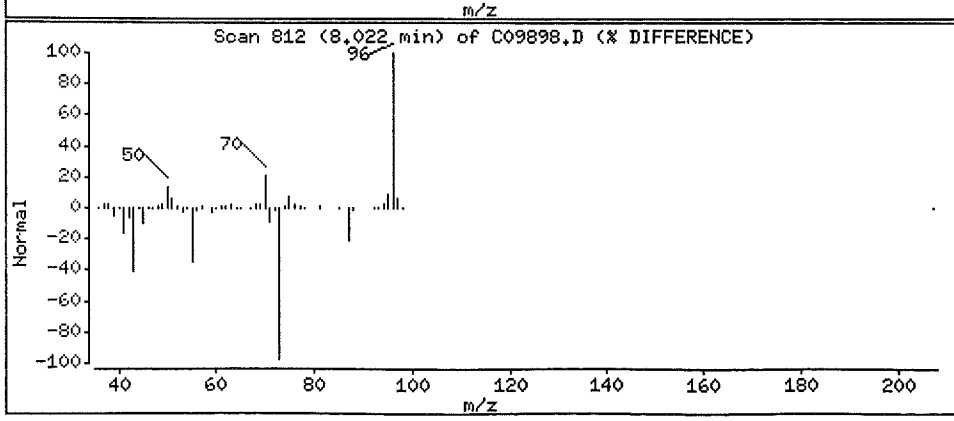
Column phase: J&W DB-624 Column diameter: 0.53

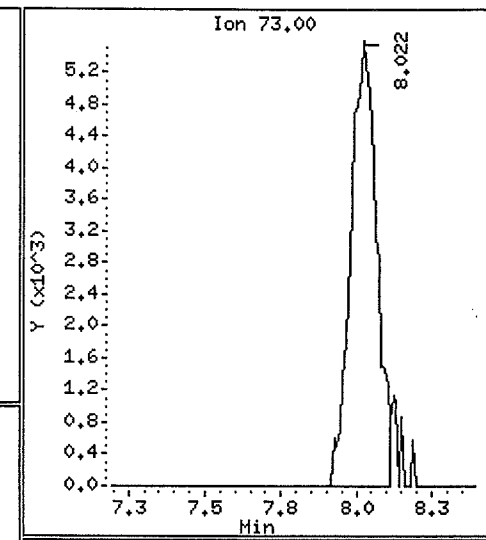
37 Tert-amyl methyl ether Concentration: 0.419 ug/L

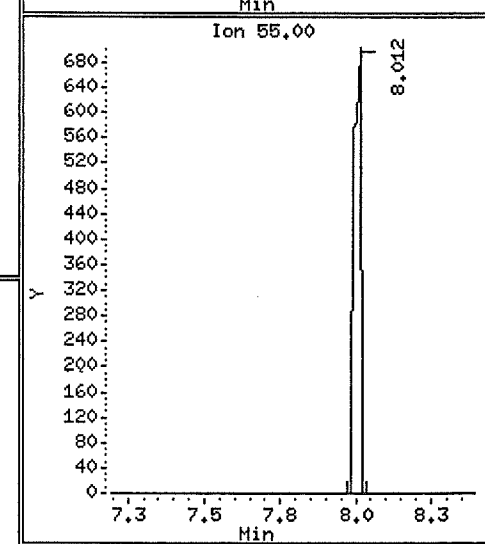


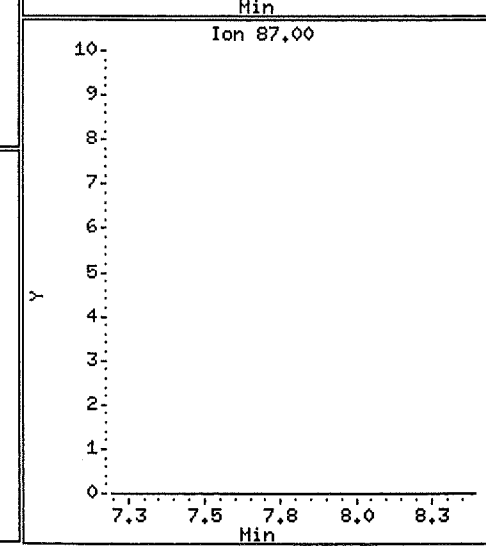












Data File: \\SANP2010\D\chem\mc.i\1017BC.B\C09898.D

Date : 17-OCT-2000 17:13

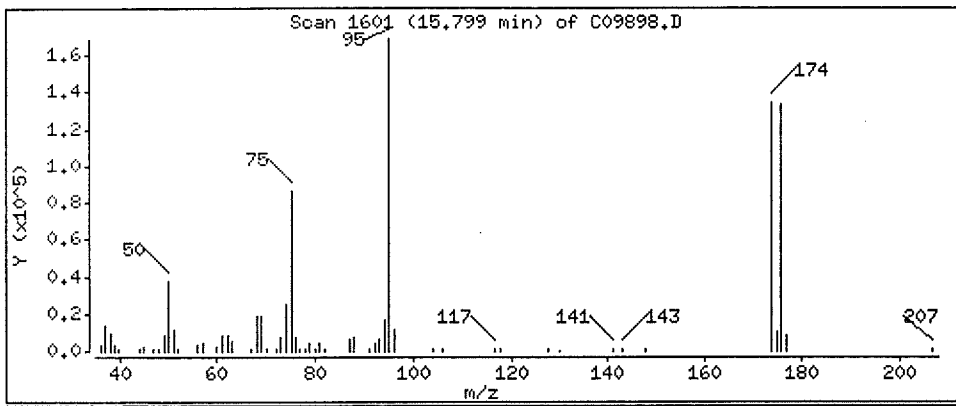
Client ID: C09898 Instrument: mc.i

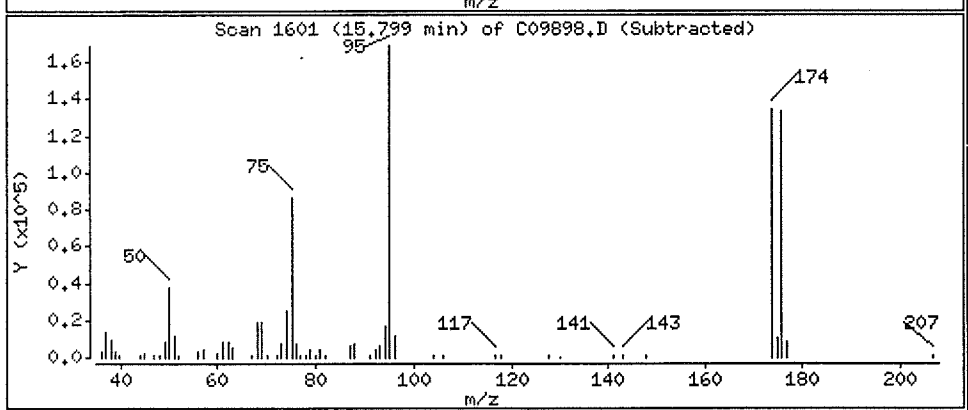
Sample Info: MB-1017BC,BLANK,1,,0,1,0,8260BCL.M,C09898

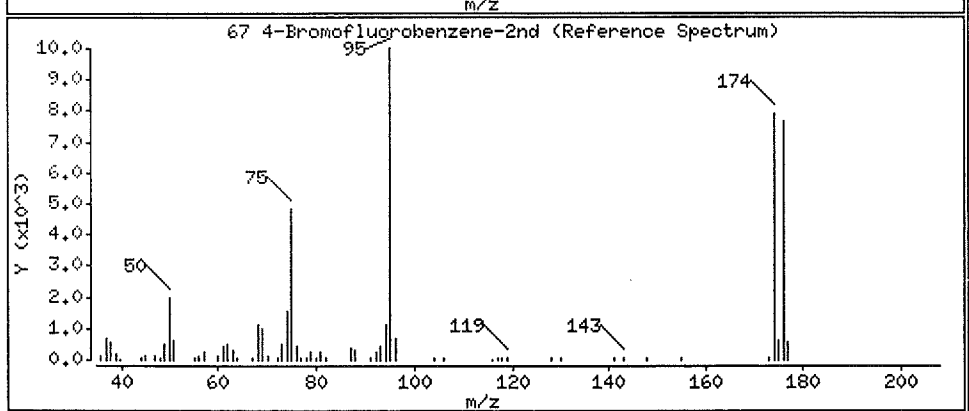
Purge Volume: 25.0 Operator: AD

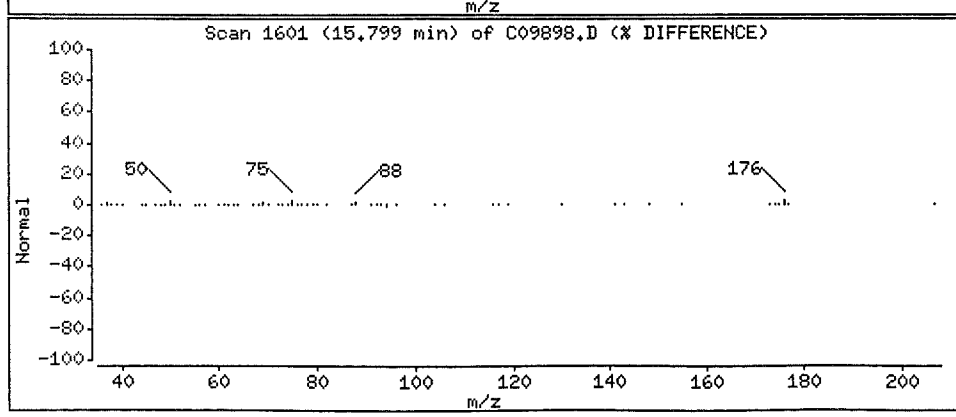
Column phase: J&W DB-624 Column diameter: 0.53

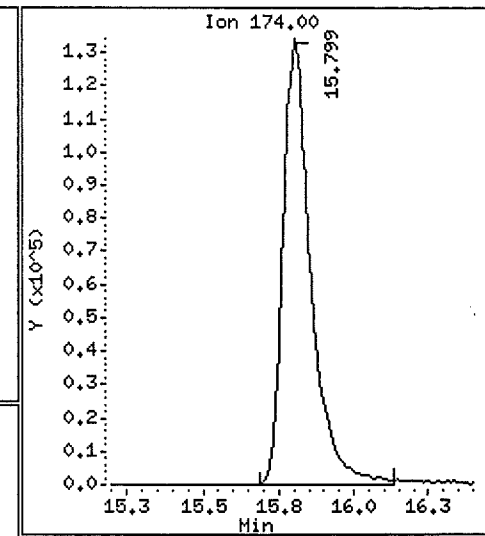
67 4-Bromofluorobenzene-2nd Concentration: 9.83 ug/L

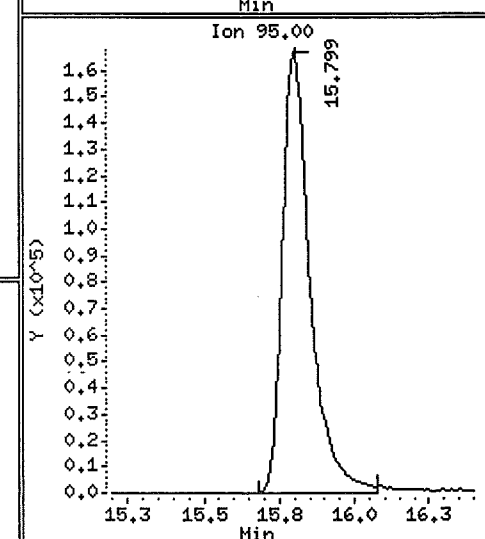


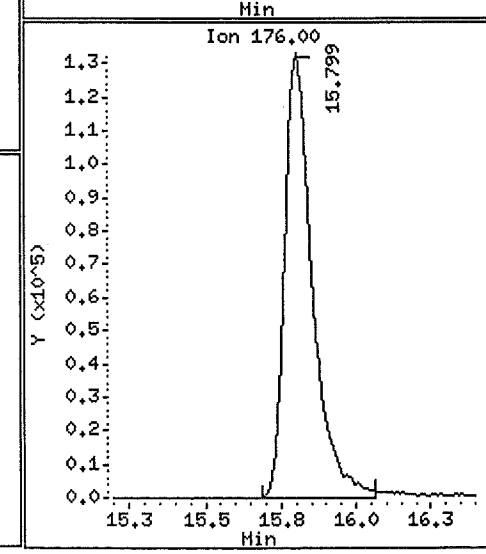












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1017BC.B\C09917.D
Lab Smp Id: DM2RE1AF Client Smp ID: C09917
Inj Date : 18-OCT-2000 02:40
Operator : AD Inst ID: mc.i
Smp Info : DM2RE1AF,MS,1,,0,1,0,8260BCL.M,C09917
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1017BC.B\8260BCL.m
Meth Date : 17-Oct-2000 22:09 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.496	3.511	(0.435)	497173	9.64160	9.64
$ 29 Dibromofluoromethane	111	6.906	6.892	(0.860)	1034310	10.7536	10.75
$ 33 1,2-Dichloroethane-d4	65	7.438	7.434	(0.926)	487801	10.8424	10.84
34 1,2-Dichloroethane-d4 2nd	102	7.438	7.434	(0.926)	92945	11.7172	11.72
35 Benzene	78	7.537	7.532	(0.939)	1380932	9.64785	9.65
* 38 Fluorobenzene	96	8.030	8.015	(1.000)	1801682	10.0000	
39 Trichloroethene	130	8.670	8.656	(1.080)	7109656	78.4098	78.41(R)
$ 47 Toluene-d8	98	10.829	10.824	(0.803)	1583695	11.4033	11.40
48 Toluene (*)	91	10.937	10.942	(0.811)	1688375	9.46794	9.47
* 56 Chlorobenzene-d5	117	13.480	13.485	(1.000)	1278699	10.0000	
57 Chlorobenzene (**)	112	13.539	13.544	(1.004)	1261097	9.20001	9.20
$ 66 4-Bromofluorobenzene	95	15.786	15.791	(1.171)	990162	10.7135	10.71
67 4-Bromofluorobenzene-2nd	174	15.796	15.801	(1.172)	803272	10.2638	10.26
* 79 1,4-Dichlorobenzene-d4	152	18.112	18.117	(1.000)	767557	10.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09917.D
Lab Smp Id: DM2RE1AF
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1017BC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 17-OCT-2000
Calibration Time: 16:03
Client Smp ID: C09917
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2131976	1065988	4263952	1801682	-15.49
56 Chlorobenzene-d5	1444273	722137	2888546	1278699	-11.46
79 1,4-Dichlorobenze	852197	426099	1704394	767557	-9.93

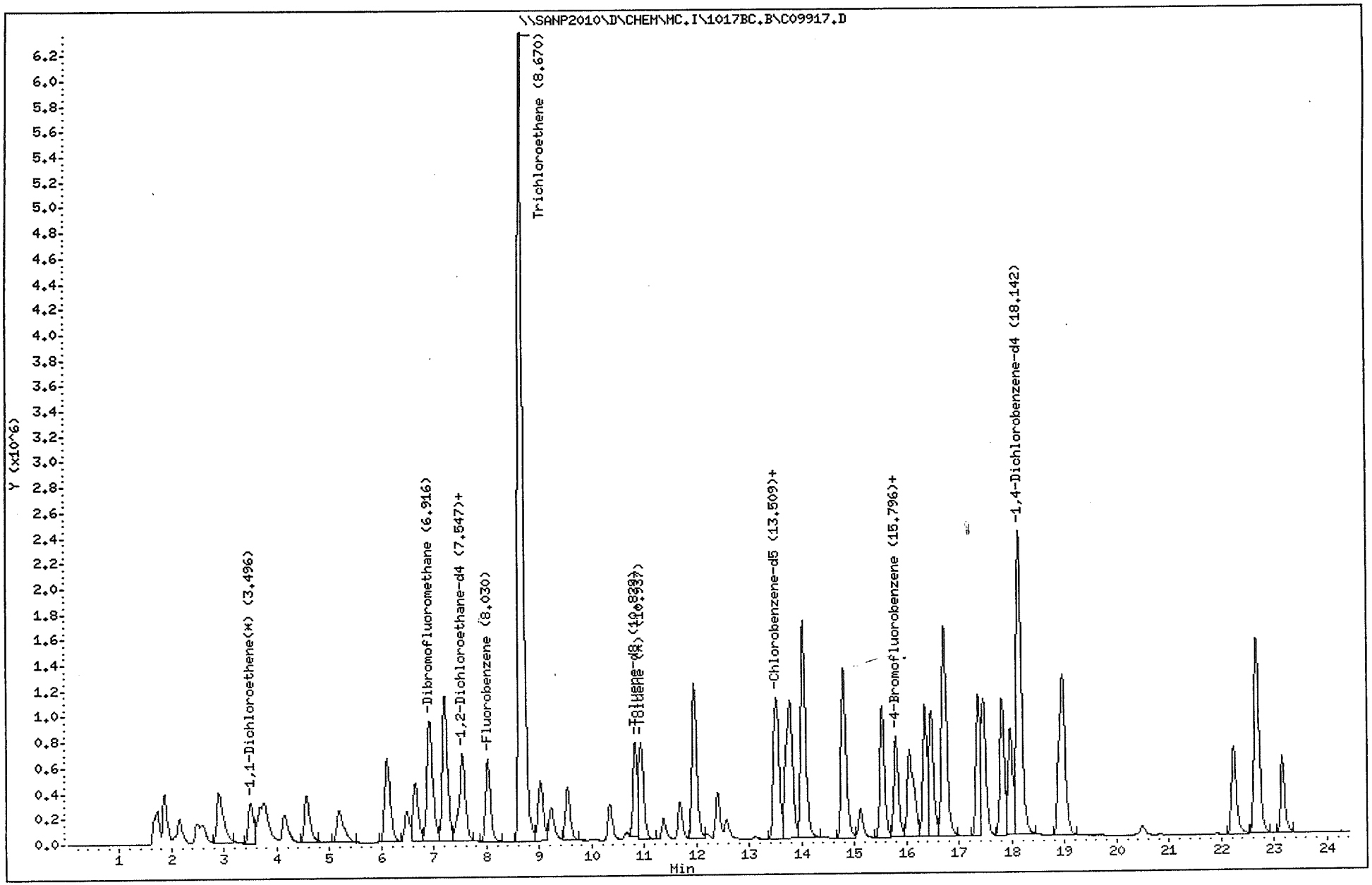
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.03	0.18
56 Chlorobenzene-d5	13.49	12.99	13.99	13.48	-0.04
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.11	-0.03

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.

Data File: \\SANP2010\D\CHEM\MC.I\1017BC.B\C09917.D
Date : 18-OCT-2000 02:40
Client ID: C09917
Sample Info: DM2RE1AF,MS,1,,0,1,0,8260BCL.M,C09917
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mo.i

Operator: AD
Column diameter: 0.53



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STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1017BC.B\C09918.D
Lab Smp Id: DM2RE1AG Client Smp ID: C09918
Inj Date : 18-OCT-2000 03:09
Operator : AD Inst ID: mc.i
Smp Info : DM2RE1AG,MSD,1,,0,1,0,8260BCL.M,C09918
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1017BC.B\8260BCL.m
Meth Date : 17-Oct-2000 22:09 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 2 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.496	3.511	(0.436)	485466	9.26960	9.27
$ 29 Dibromofluoromethane	111	6.906	6.892	(0.861)	1049577	10.7443	10.74
$ 33 1,2-Dichloroethane-d4	65	7.448	7.434	(0.929)	486181	10.6400	10.64
34 1,2-Dichloroethane-d4 2nd	102	7.438	7.434	(0.927)	93235	11.5727	11.57
35 Benzene	78	7.537	7.532	(0.940)	1395332	9.59834	9.60
* 38 Fluorobenzene	96	8.019	8.015	(1.000)	1829859	10.0000	
39 Trichloroethene	130	8.670	8.656	(1.081)	7285603	79.1130	79.11(R)
$ 47 Toluene-d8	98	10.828	10.824	(0.803)	1608044	11.3016	11.30
48 Toluene (*)	91	10.937	10.942	(0.811)	1678853	9.18932	9.19
* 56 Chlorobenzene-d5	117	13.489	13.485	(1.000)	1310039	10.0000	
57 Chlorobenzene (**)	112	13.539	13.544	(1.004)	1262793	8.99200	8.99
$ 66 4-Bromofluorobenzene	95	15.796	15.791	(1.171)	1005460	10.6187	10.62
67 4-Bromofluorobenzene-2nd	174	15.796	15.801	(1.171)	811297	10.1183	10.12
* 79 1,4-Dichlorobenzene-d4	152	18.122	18.117	(1.000)	784423	10.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09918.D
Lab Smp Id: DM2RE1AG
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1017BC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 17-OCT-2000
Calibration Time: 16:03
Client Smp ID: C09918
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2131976	1065988	4263952	1829859	-14.17
56 Chlorobenzene-d5	1444273	722137	2888546	1310039	-9.29
79 1,4-Dichlorobenze	852197	426099	1704394	784423	-7.95

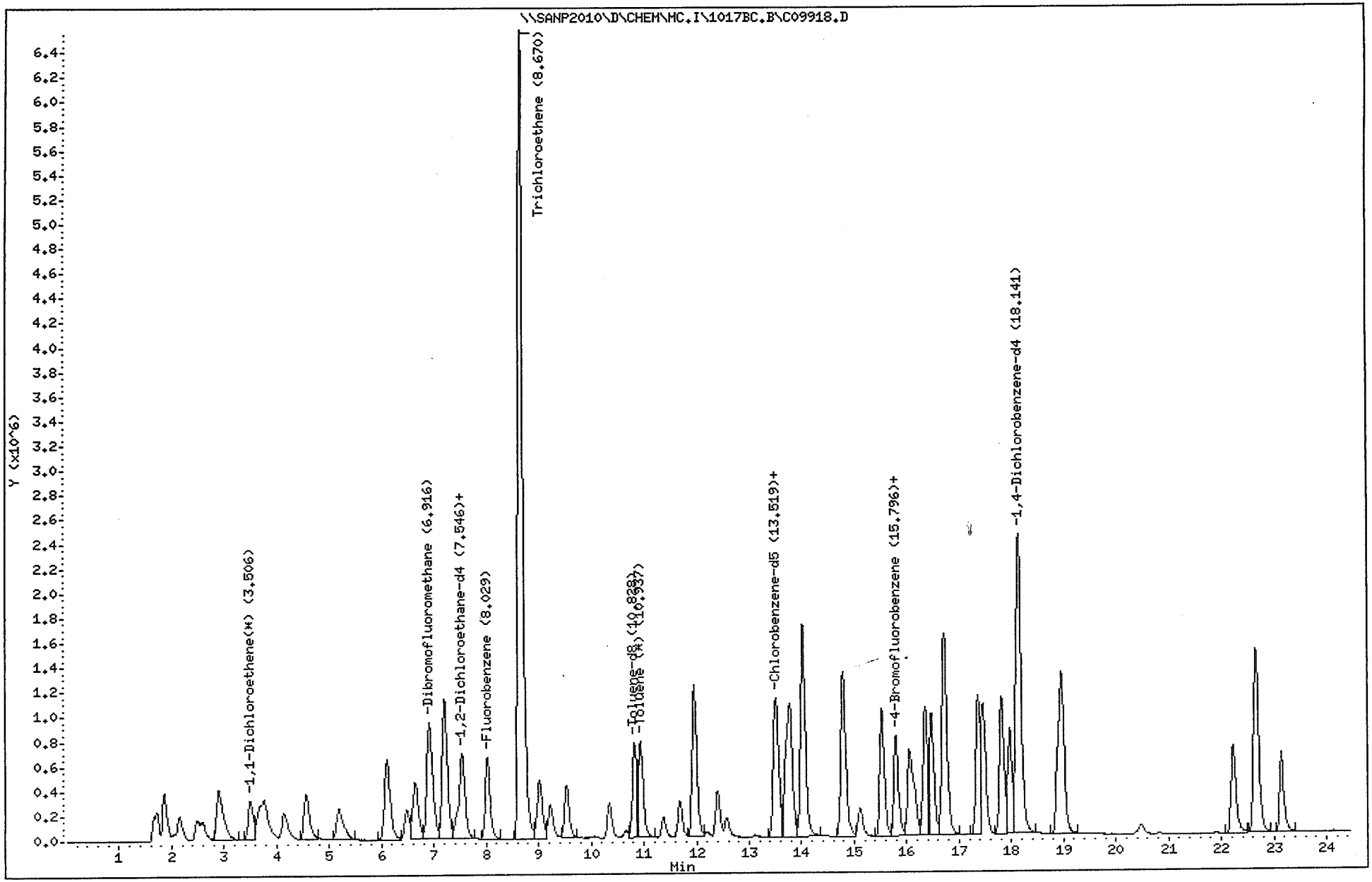
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.05
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.03
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	0.02

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.

Data File: \\SANP2010\D\CHEM\MC.I\1017BC.B\C09918.D
Date : 18-OCT-2000 03:09
Client ID: C09918
Sample Info: DM2RE1AG,MSD,1,,0,1,0,8260BCL.M,C09918
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i

Operator: AD
Column diameter: 0.53



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BOE-C6-0155419

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09899.D
Lab Smp Id: DM5441AA
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\1017BC.B\8260BCL.m
Misc Info: ,25,,,0,1-8260B.SUB

Calibration Date: 17-OCT-2000
Calibration Time: 16:03
Client Smp ID: C09899
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2131976	1065988	4263952	1957589	-8.18
56 Chlorobenzene-d5	1444273	722137	2888546	1390963	-3.69
79 1,4-Dichlorobenze	852197	426099	1704394	783065	-8.11

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.02	7.52	8.52	8.02	0.05
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.03
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	0.02

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.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1017BC.B\C09899.D
Lab Smp Id: DM5441AA Client Smp ID: C09899
Inj Date : 17-OCT-2000 17:43
Operator : AD Inst ID: mc.i
Smp Info : DM5441AA,,1,,0,1,0,8260BCL.M,C09899
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1017BC.B\8260BCL.m
Meth Date : 17-Oct-2000 22:09 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

-- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1017BC.B\C09899.D
Lab Smp Id: DM5441AA Client Smp ID: C09899
Inj Date : 17-OCT-2000 17:43
Operator : AD Inst ID: mc.i
Smp Info : DM5441AA,,1,,0,1,0,8260BCL.M,C09899
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1017BC.B\8260BCL.m
Meth Date : 17-Oct-2000 22:09 donga Quant Type: ISTD
Cal Date : 13-OCT-2000 19:30 Cal File: CS2049.D
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
14 Acrylonitrile	53	7.428	7.434	(0.926)	50916	89.8091	89.81(Q)
$ 29 Dibromofluoromethane	111	6.896	6.892	(0.860)	1037164	9.92448	9.92
$ 33 1,2-Dichloroethane-d4	65	7.428	7.434	(0.926)	443688	9.07648	9.08
34 1,2-Dichloroethane-d4 2nd	102	7.438	7.434	(0.927)	85027	9.86524	9.86
37 Tert-amyl methyl ether	73	8.010	7.798	(0.999)	33002	0.41805	0.418(a)
* 38 Fluorobenzene	96	8.020	8.015	(1.000)	1957589	10.0000	
$ 47 Toluene-d8	98	10.828	10.824	(0.803)	1640895	10.8616	10.86
* 56 Chlorobenzene-d5	117	13.489	13.485	(1.000)	1390963	10.0000	
$ 66 4-Bromofluorobenzene	95	15.796	15.791	(1.171)	995013	9.89705	9.90
67 4-Bromofluorobenzene-2nd	174	15.796	15.801	(1.171)	811031	9.52655	9.53
* 79 1,4-Dichlorobenzene-d4	152	18.122	18.117	(1.000)	783065	10.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DM5441AA
Operator : AD
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa02609
Client Smp ID: C09899
Sample Date:
Sample Point:
Date Received:
Level: LOW

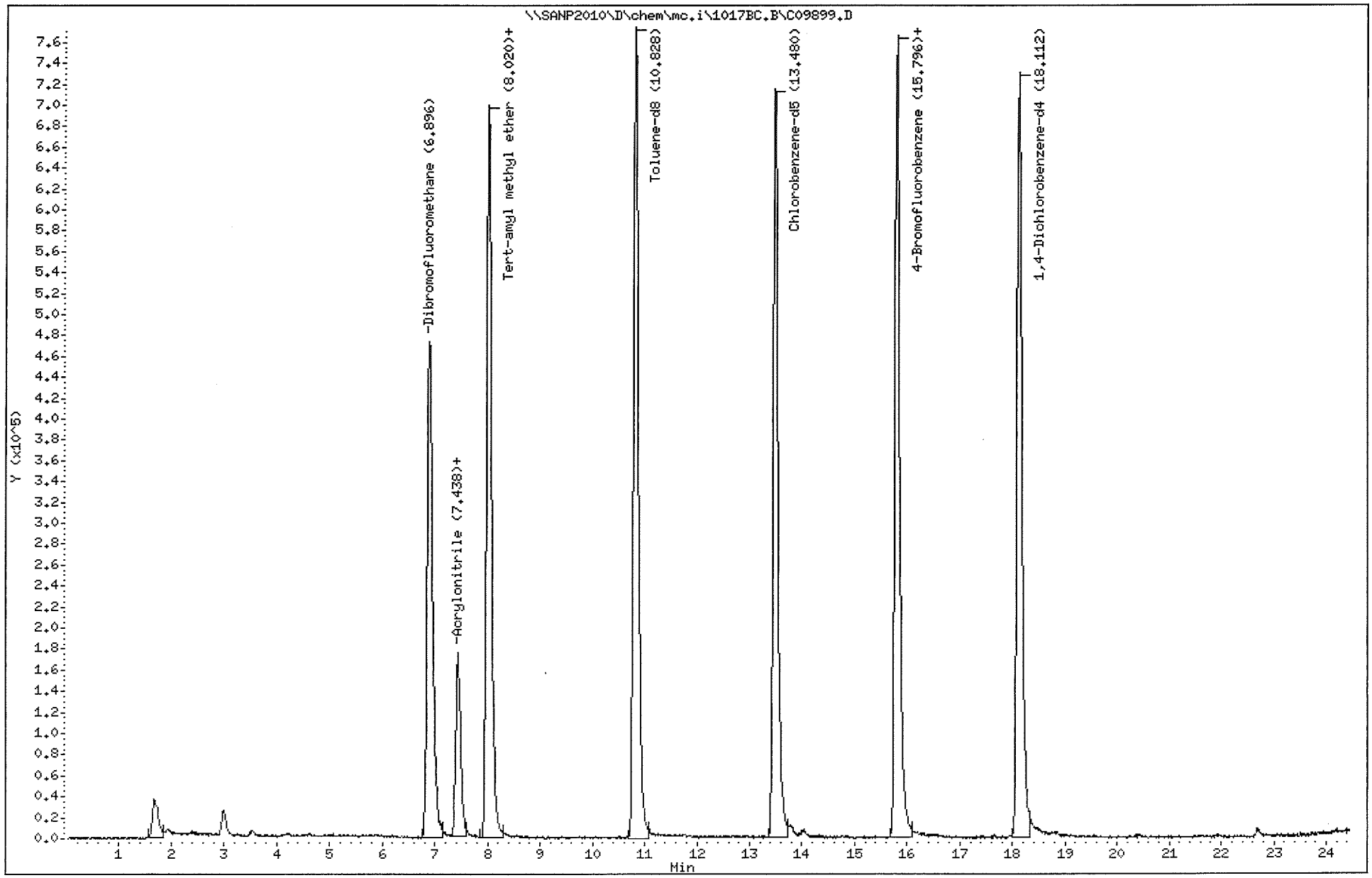
Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2010\D\chem\mc.i\1017BC.B\C09899.D
Date : 17-OCT-2000 17:43
Client ID: C09899
Sample Info: DM5441AA,,1,,0,1,0,8260BCL.M,C09899
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



BOE-C6-0155425

000760

Data File: \\SANP2010\D\chem\mc.i\1017BC.B\C09899.D

Date : 17-OCT-2000 17:43

Client ID: C09899

Instrument: mc.i

Sample Info: DM5441AA,,1,,0,1,0,8260BCL.M,C09899

Purge Volume: 25.0

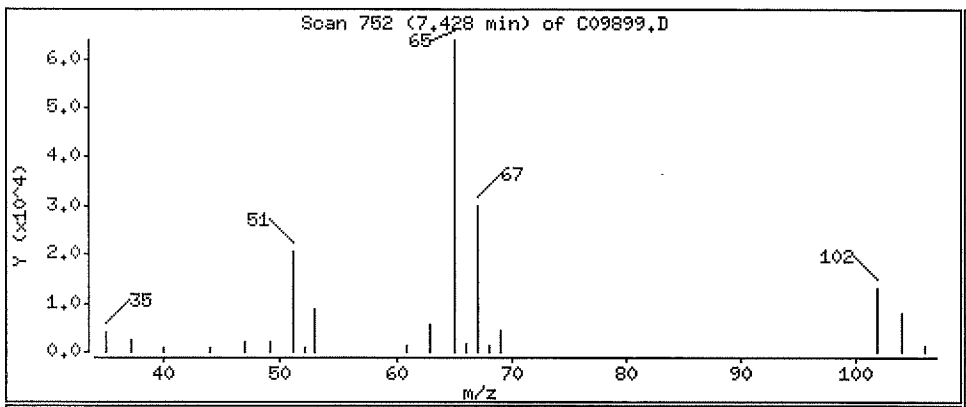
Operator: AD

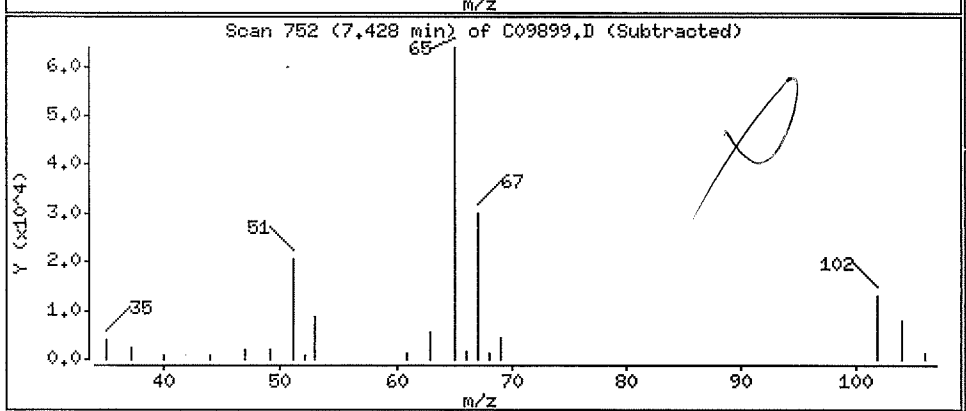
Column phase: J&W DB-624

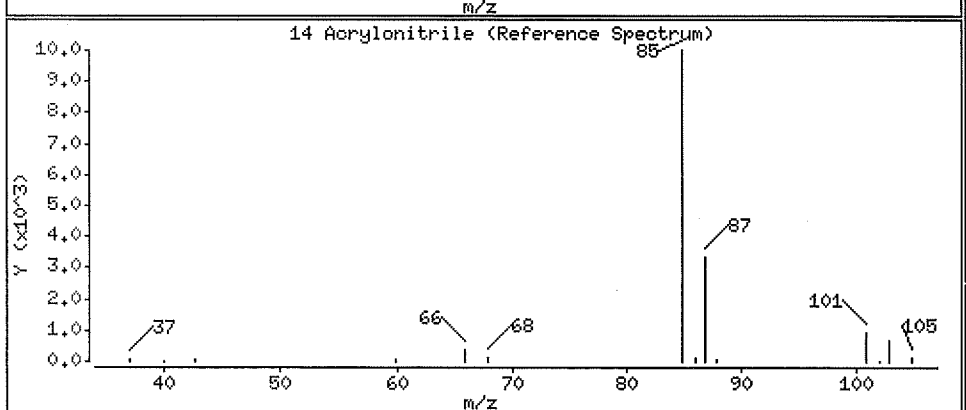
Column diameter: 0.53

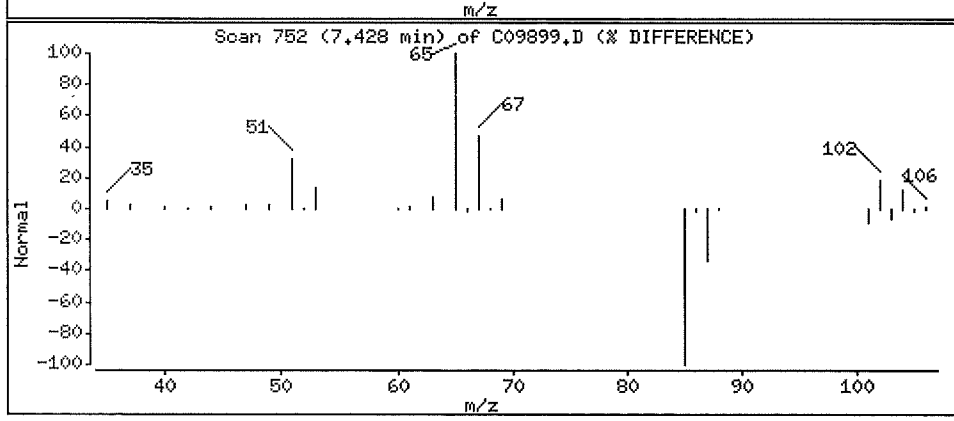
14 Acrylonitrile

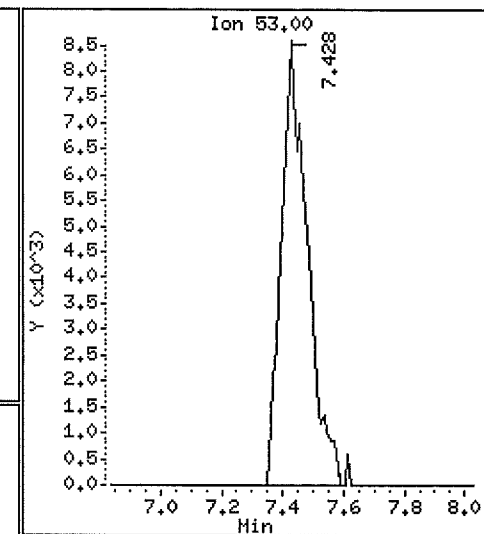
Concentration: 89.81 ug/L

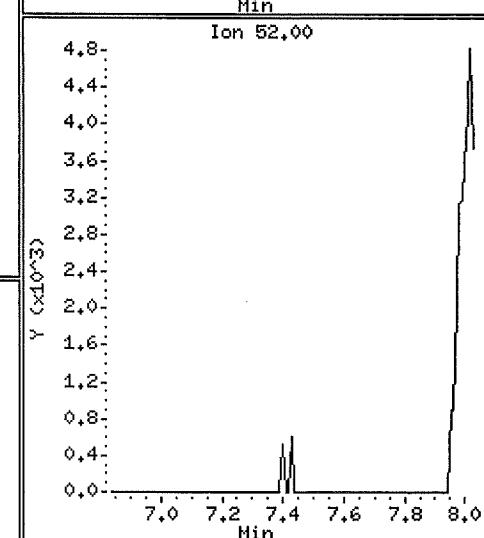


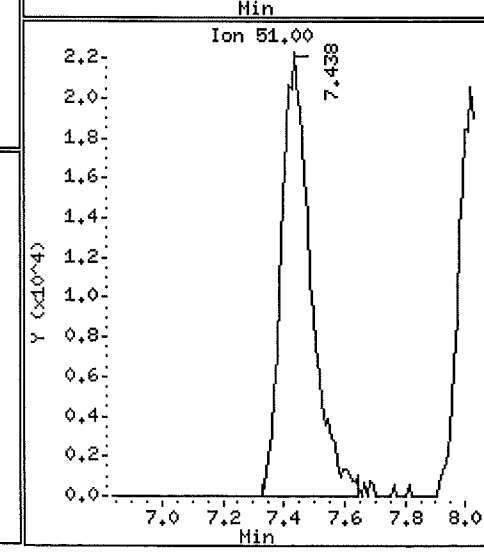












Data File: \\SANP2010\D\chem\mc.i\1017BC.B\C09899.D

Date : 17-OCT-2000 17:43

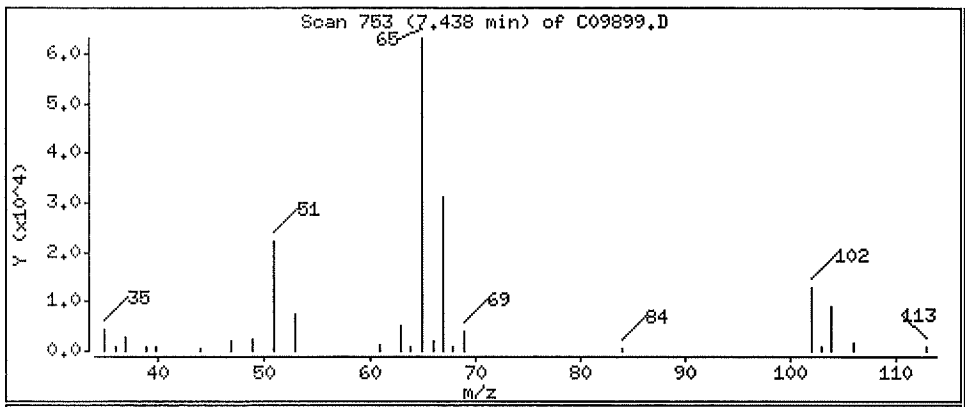
Client ID: C09899 Instrument: mc.i

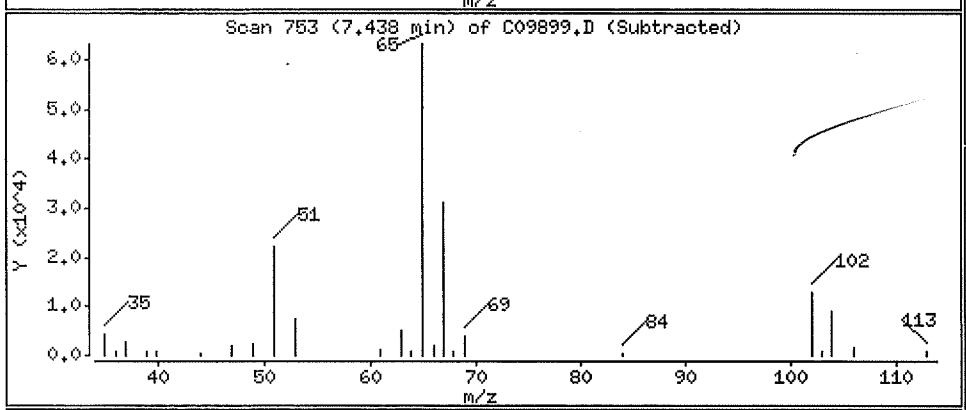
Sample Info: DM5441AA,,1,,0,1,0,8260BCL.M,C09899

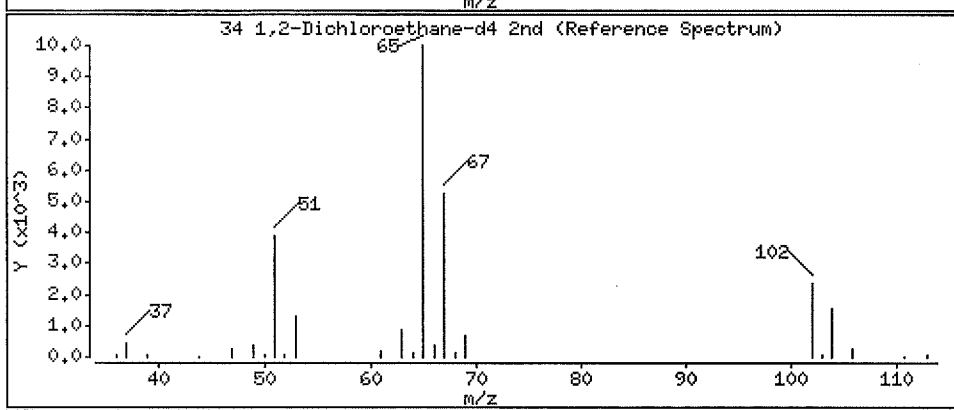
Purge Volume: 25.0 Operator: AD

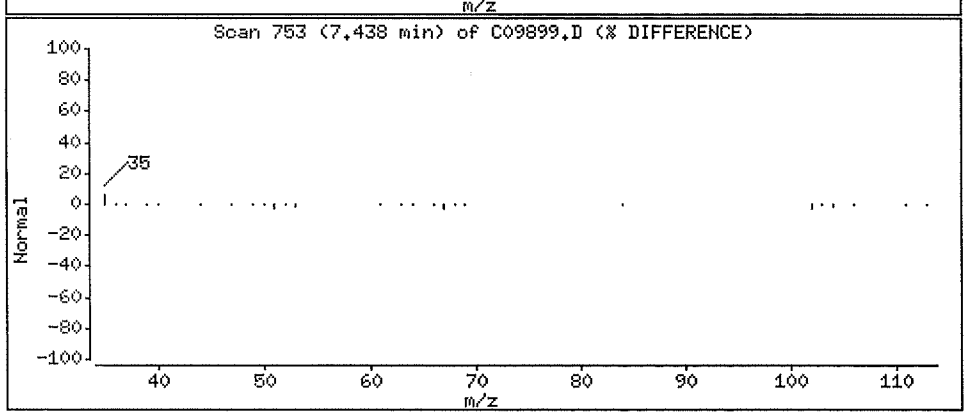
Column phase: J&W DB-624 Column diameter: 0.53

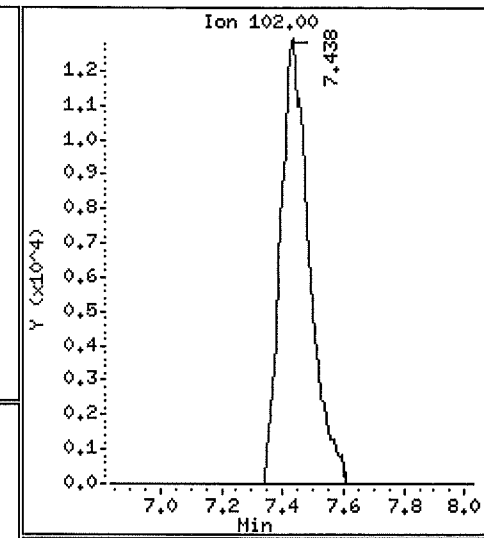
34 1,2-Dichloroethane-d4 2nd Concentration: 9.86 ug/L

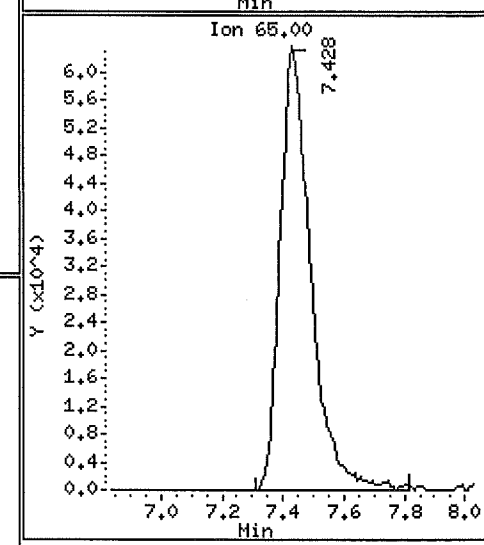












Data File: \\SANP2010\D\chem\mc.i\1017BC.B\C09899.D

Date : 17-OCT-2000 17:43

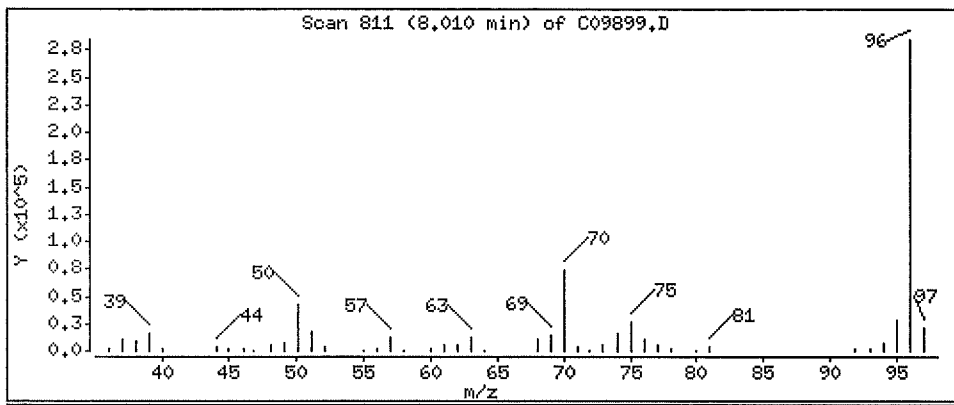
Client ID: C09899 | Instrument: mc.i

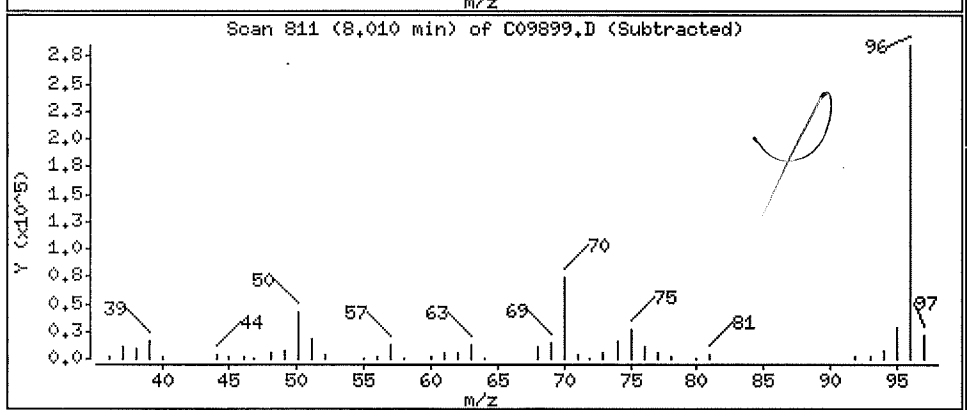
Sample Info: DM5441AA,,1,,0,1,0,8260BCL.M,C09899

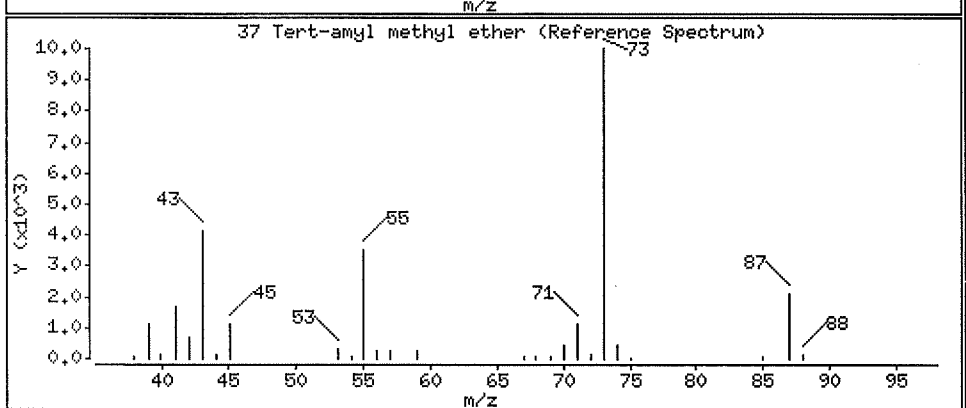
Purge Volume: 25.0 | Operator: AD

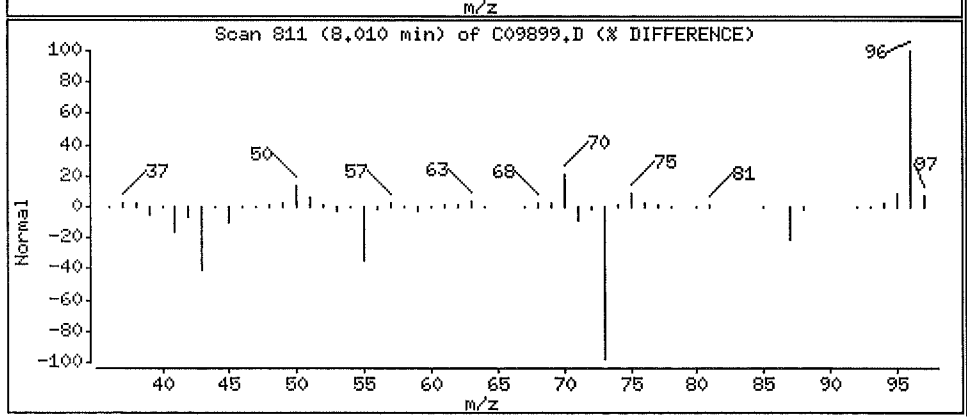
Column phase: J&W DB-624 | Column diameter: 0.53

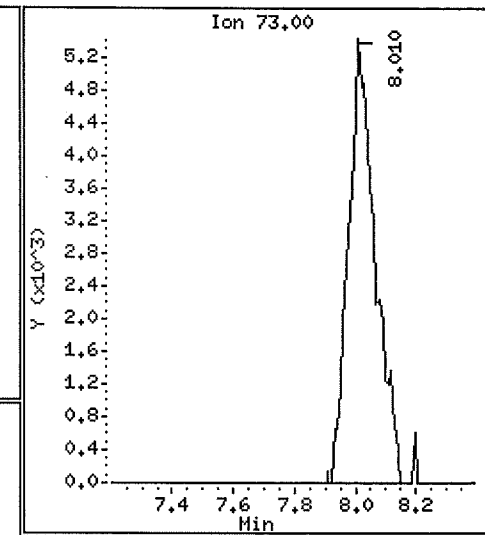
37 Tert-amyl methyl ether | Concentration: 0.418 ug/L

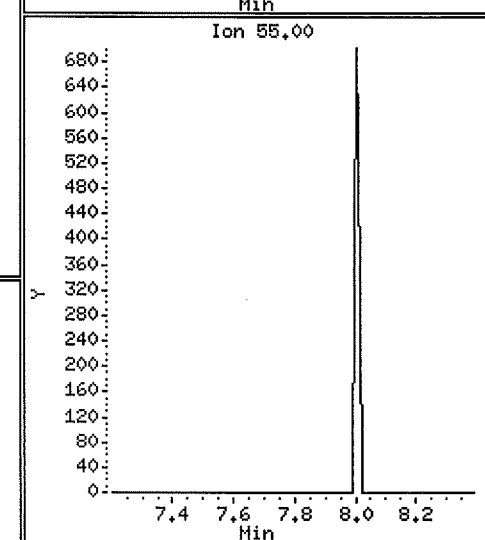


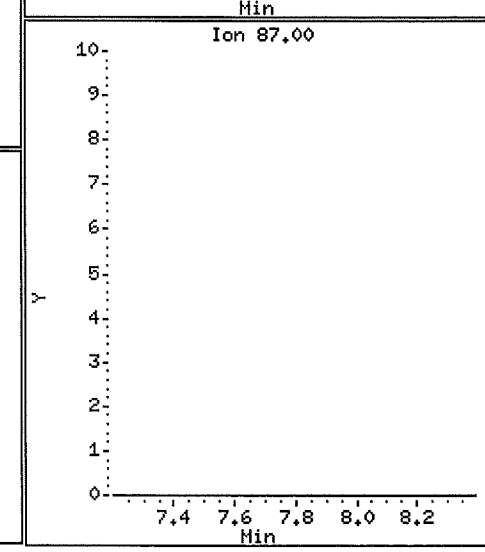












Data File: \\SANP2010\D\chem\mc.i\1017BC.B\C09899.D

Date : 17-OCT-2000 17:43

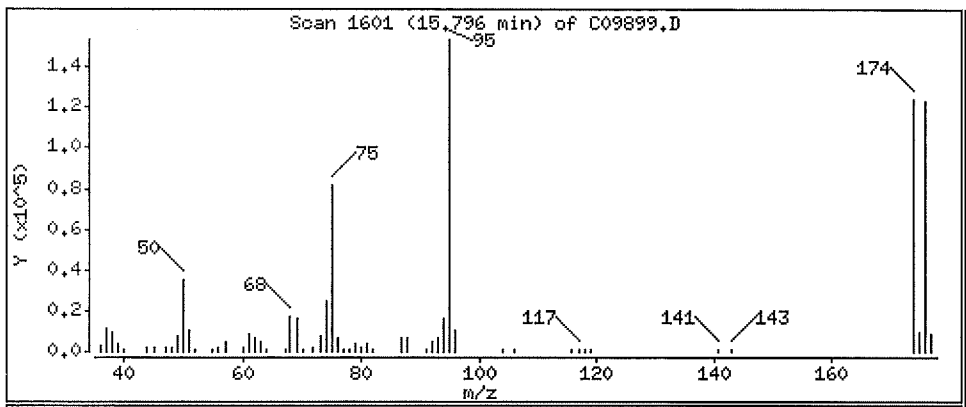
Client ID: C09899 Instrument: mc.i

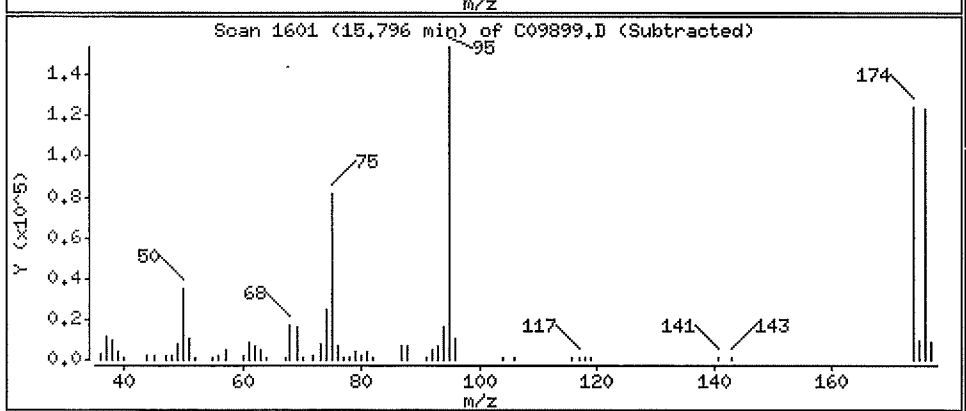
Sample Info: DM5441AA,,1,,0,1,0,8260BCL.M,C09899

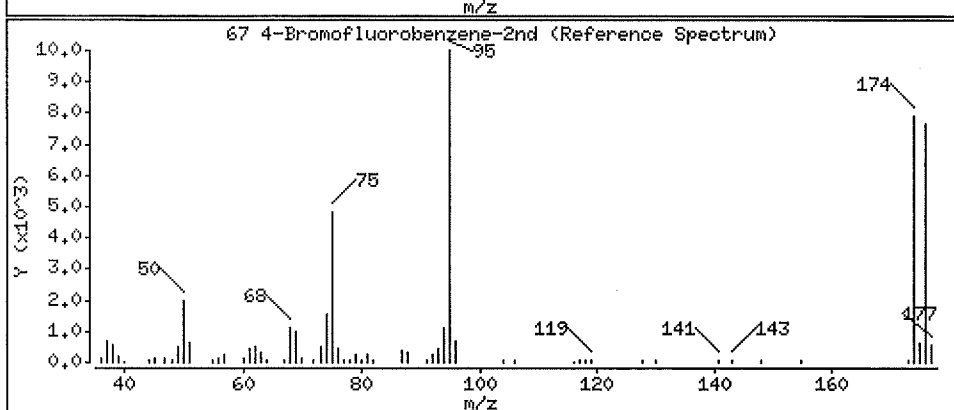
Purge Volume: 25.0 Operator: AD

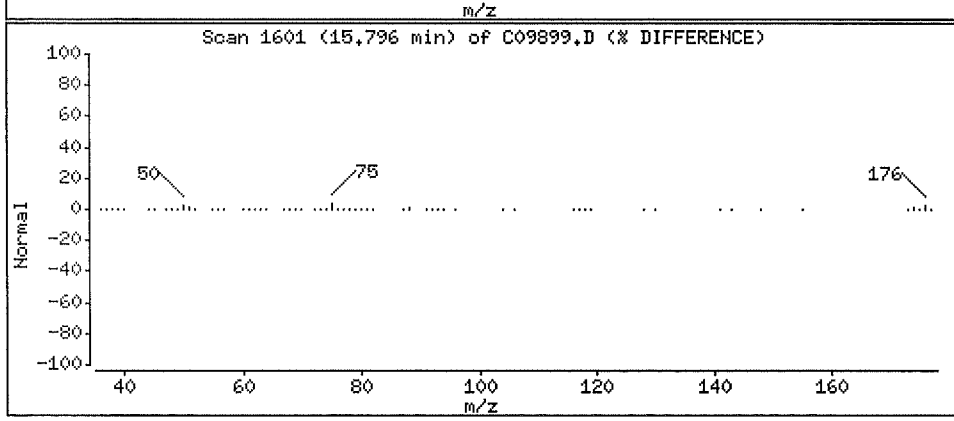
Column phase: J&W DB-624 Column diameter: 0.53

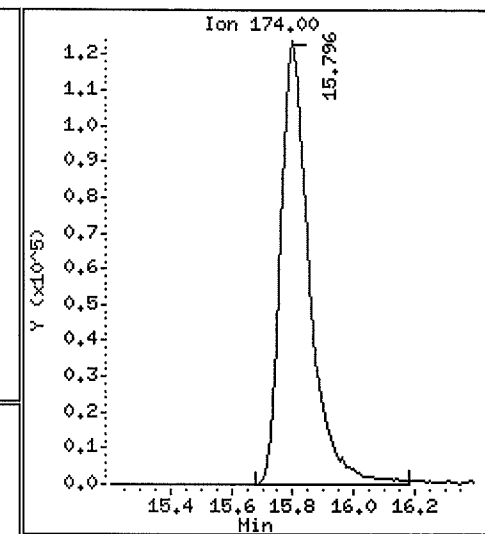
67 4-Bromofluorobenzene-2nd Concentration: 9.53 ug/L

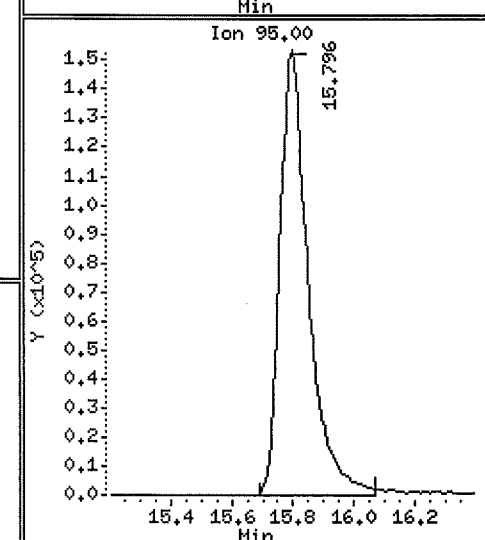


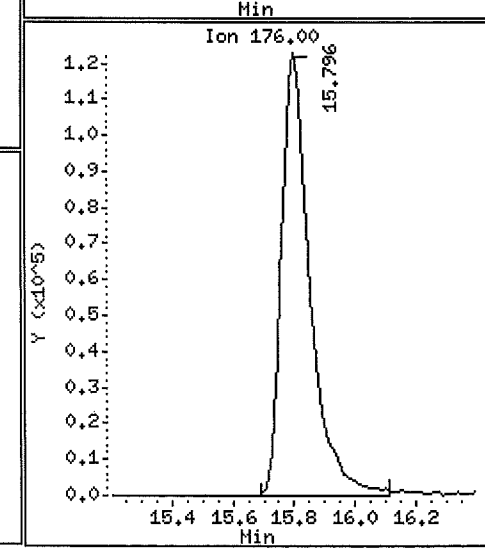












TVPH

LEVEL III

C6 TO C8

BOE-C6-0155430

TVPH

SAMPLE AND QC DATA

C6-9C8

Date(s) Analyzed: 10-6,7-00

Instrument ID: GC15 GC16A GC13

Batch #: 0283429

Samples: EOJ040125-B, C, 1, 1S, 1D, 2, 8, 9, 11, 12, 18, 19, 20, 21, 23, 24, 25, 27, 29, 30

Turbochrom Sequence File : C:\TC4\GC16AB\006.SEQ
Created by : LY on : 10/6/00 01:16 PM
Edited by : JKA on : 10/6/00 05:37 PM
Description : **********STANDARD ID**********
L/CCV STD: TVPH #122-2
QC/2ND SOURCE STD: TVPH #121-1
SURROGATE: TFT #126-1

Number of Times Edited : 4

FJK 10/11/00

16 A

Sequence File Header Information:

Number of Rows : 51
Instrument Type : 760 / 900 Series Intelligent Interface
Injection Type : SINGLE

Sequence Sample Descriptions - Channel A

Row	Type	Sample Name	Sample Number	Study Name	Sample Amount	ISTD Amount	Sample Volume	Dil. Factor	Mult	Divisor	Addend	Norm. factor
1	Sample	10/06/00	BLK	10/06/00	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
2	Sample	GASCCV	GASCCV		1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
3	Sample	lcsgas	lcsgas	water	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
4	Sample	blk-w	blk-w	water	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
5	Sample	lcsgas	lcsgas	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
6	Sample	BLK-S	BLK-S	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
7	Sample	I280315-25 10X	315-25	water	1.000	1.000	1.000	10.000	1.000	1.000	0.000	0.000
8	Sample	I290370-19	370-19	water	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
9	Sample	J030233-3	233-3	water	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
10	Sample	J030262-1	262-1	water	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
11	Sample	J040322-23	322-23	water	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
12	Sample	I280315-25	315-25	water	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
	Sample	322-23MS	322-23MS	water	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
14	Sample	322-23MSD	322-23MSD	water	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
15	Sample	J040125-1	125-1	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
16	Sample	J040125-2	125-2	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
17	Sample	J040125-8	125-8	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
18	Sample	J040125-9	125-9	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
19	Sample	J040125-11	125-11	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
20	Sample	J040125-12	125-12	low soil	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
21	Sample	BLK	BLK	low soil	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
22	Sample	GASCCV	GASCCV	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
23	Sample	J040125-18	125-18	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
24	Sample	J040125-19	125-19	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
25	Sample	J040125-20	125-20	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
26	Sample	J040125-21	125-21	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
27	Sample	J040125-23	125-23	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
28	Sample	J040125-24	125-24	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
29	Sample	J040125-25	125-25	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
30	Sample	J040125-27	125-27	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
31	Sample	J040125-29	125-29	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
32	Sample	J040125-30	125-30	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
33	Sample	J020157-1	J020157-1	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
34	Sample	J020157-2	J020157-2	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
35	Sample	J020157-3	J020157-3	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
36	Sample	125-1MS	125-1MS	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
37	Sample	125-1MSD	125-1MSD	low soil	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
38	Sample	BLK	BLK	low soil	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
39	Sample	GASCCV	GASCCV	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
40	Sample			low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
41	Sample			low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
42	Sample			low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
43	Sample			low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
44	Sample			low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
45	Sample			low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
46	Sample			low soil	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
47	Sample	BLK	BLK	low soil	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
8	Sample	GASCCV	GASCCV	low soil	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
49	Sample	8021CCV	8021CCV	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
50	Sample			low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
51	Sample											

H_2O 0283428

$C_6 \rightarrow C_8$ 0283429

$C_6 \rightarrow C_{12}$ 0283430

Software Version: 4.1<2F12>
Sample Name : GASCCV
Sample Number: GASCCV
Operator :

Time : 10/8/00 12:52 AM
Study :

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

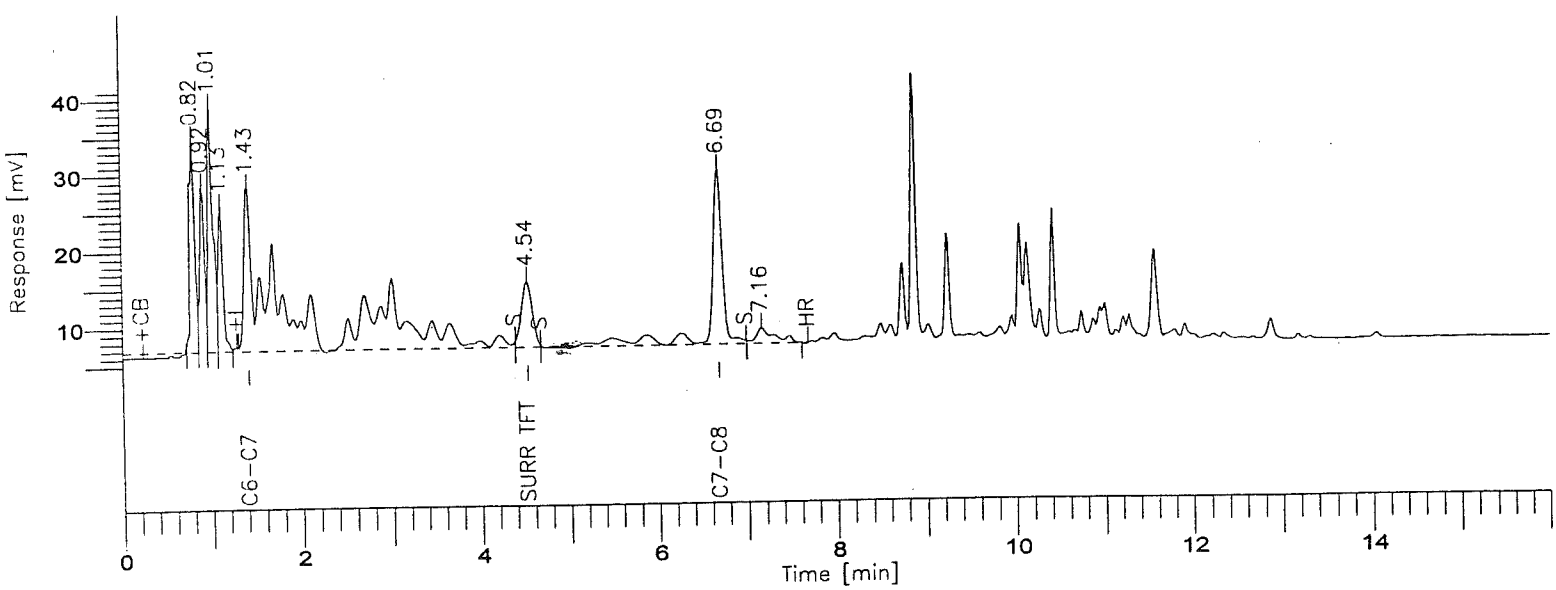
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/6/00 01:40 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A002.RAW
Result File : C:\TC4\GC16AB\O06A002.RST
Inst Method : C:\TC4\GC16AB\METHODS\911GAS from C:\TC4\GC16AB\O06A002.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8.mth
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8.mth
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000768

BOE-C6-0155433

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
4.54	SURR TFT	72677	0.0389	0.0400	-2.8
6.69	GASOLINE RANGE	858898	0.9875	1.0000	-1.2
		931575			

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
1.43	C6-C7	649863	1.0748	1.0000	7.5
6.69	C7-C8	209035	0.7933	1.0000	-20.7
		858898			

[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A002.TX0

Software Version: 4.1<2F12>
Sample Name : GASCCV
Sample Number: GASCCV
Operator :

Time : 10/6/00 01:56 PM
Study :

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

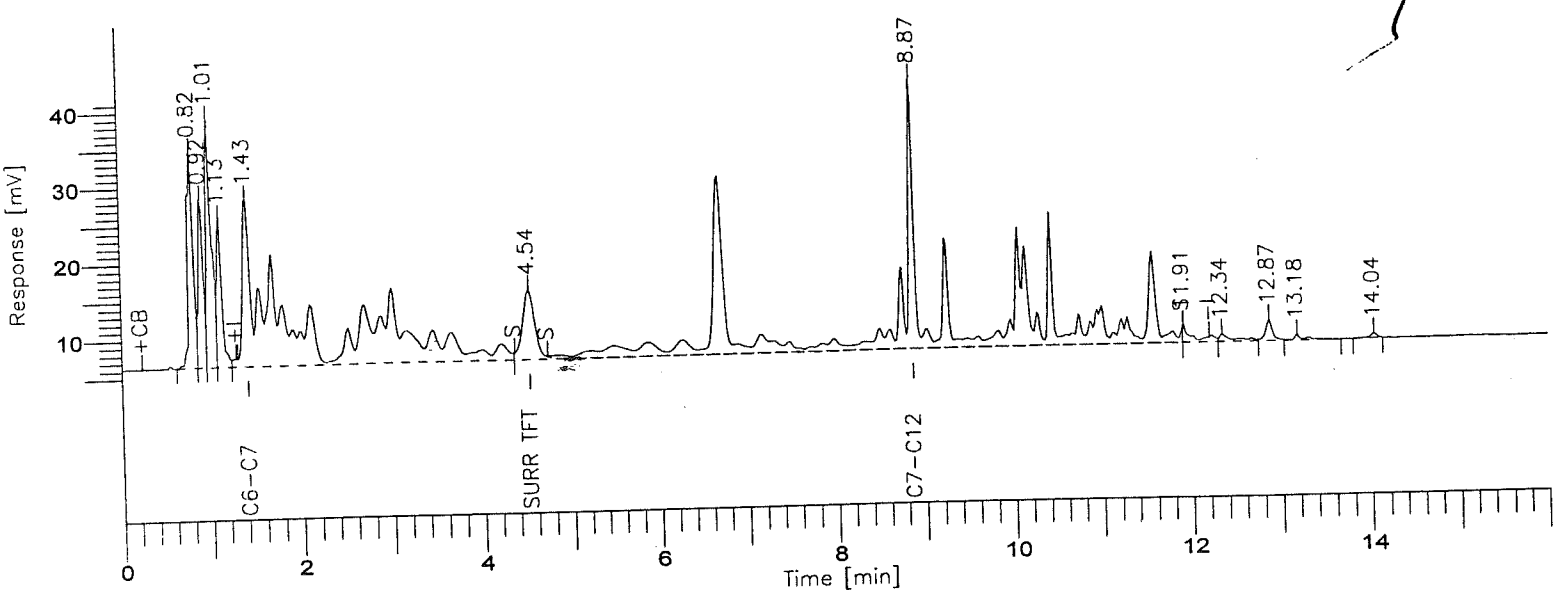
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/6/00 01:40 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A002.RAW
Result File : C:\TC4\GC16AB\O06A002.RST
Inst Method : C:\TC4\GC16AB\METHODS\911GAS from C:\TC4\GC16AB\O06A002.RST
Proc Method : C:\TC4\GC16AB\METHODS\911GAS
Calib Method : C:\TC4\GC16AB\METHODS\911GAS
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000770

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
4.54	SURR TFT	85287	0.0418	0.0400	4.5
8.87	GASOLINE RANGE	1801885	1.0686	1.0000	6.9
		1887173			

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
1.43	C6-C7	748051	1.1798	1.0000	18.0
8.87	C7-C12	1053834	1.0042	1.0000	0.4
		1801885			

[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A002.TX0

Software Version: 4.1<2F12>
Sample Name : GASCCV
Sample Number: GASCCV
Operator :

Time : 10/8/00 12:44 AM
Study : low soil

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

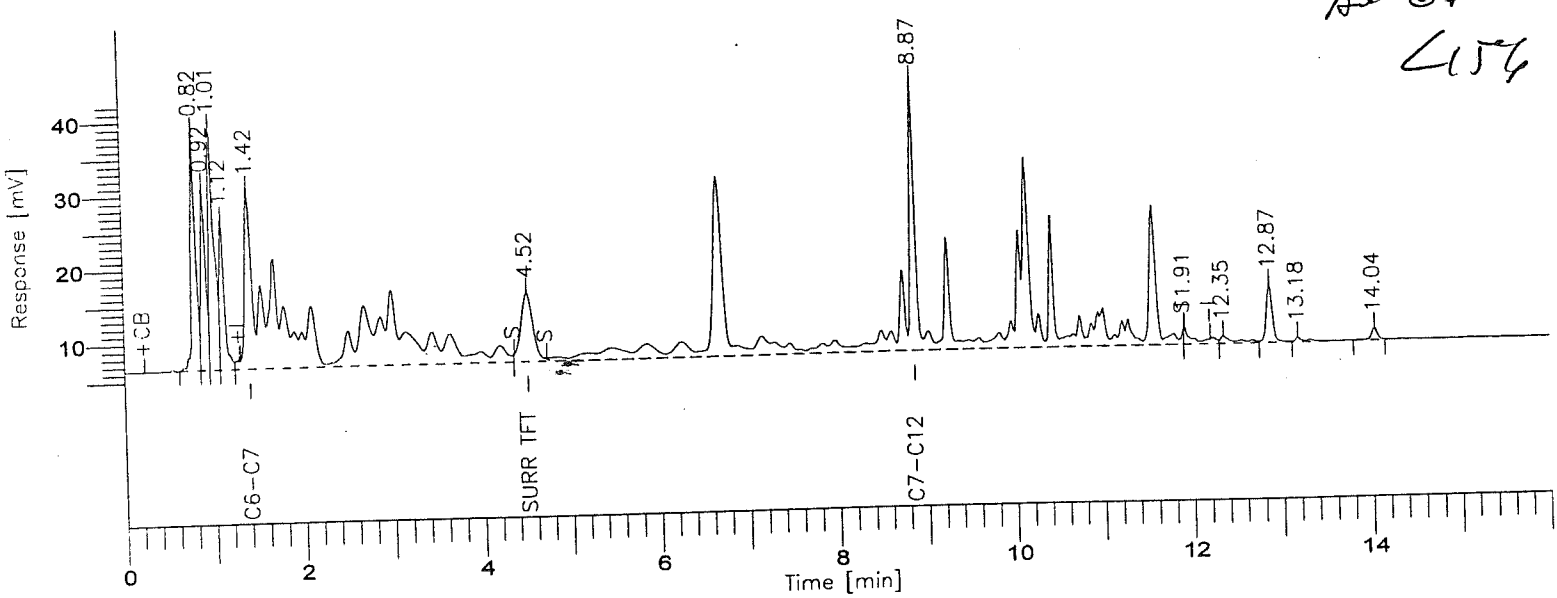
Interface Serial # : 2346570928 Data Acquisition Time: 10/6/00 11:58 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A022.RAW
Result File : C:\TC4\GC16AB\O06A022.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A022.RST
Proc Method : C:\TC4\GC16AB\METHODS\911GAS.mth
Calib Method : C:\TC4\GC16AB\METHODS\911GAS.mth
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

See GP 454



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000772

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
4.52	SURR TFT	87312	0.0424	0.0400	6.1
8.87	GASOLINE RANGE	1949877	1.1555	1.0000	15.5
		2037189			

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
1.42	C6-C7	779176	1.2296	1.0000	23.0
8.87	C7-C12	1170701	1.1126	1.0000	11.3
		1949877			

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A022.TXO

Software Version: 4.1<2F12>
Sample Name : GASCCV
Sample Number: GASCCV
Operator :

Time : 10/8/00 12:39 AM
Study : low soil

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

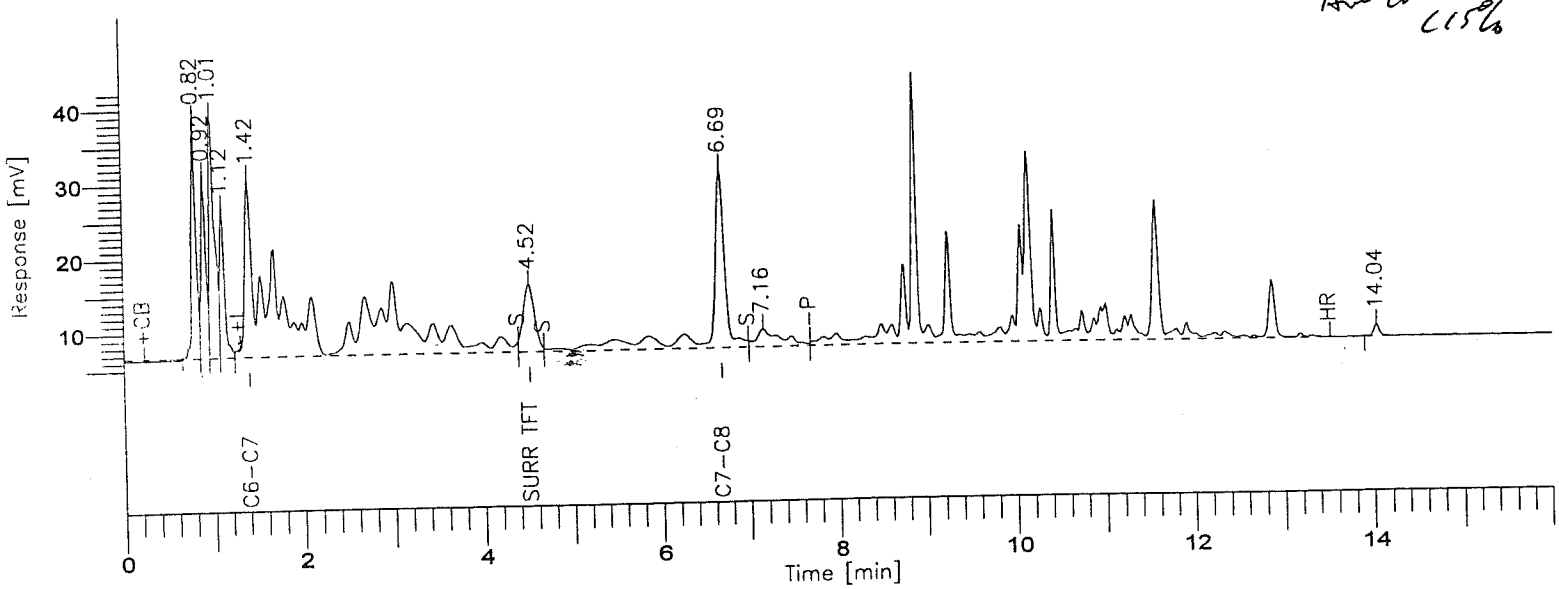
Interface Serial # : 2346570928 Data Acquisition Time: 10/6/00 11:58 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A022.RAW
Result File : C:\TC4\GC16AB\O06A022.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A022.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A022.RST
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A022.RST
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Avg %D 115%



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000774

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
4.52	SURR TFT	80003	0.0417	0.0400	4.3
6.69	GASOLINE RANGE	1014363	1.1698	1.0000	17.0
		1094366			

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
1.42	C6-C7	747697	1.2411	1.0000	24.1
6.69	C7-C8	266666	1.0113	1.0000	1.1
		1014363			

- LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A022.TX0

Software Version: 4.1<2F12>
Sample Name : GASCCV
Sample Number: GASCCV
Operator :

Time : 10/7/00 08:19 AM
Study : low soil

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

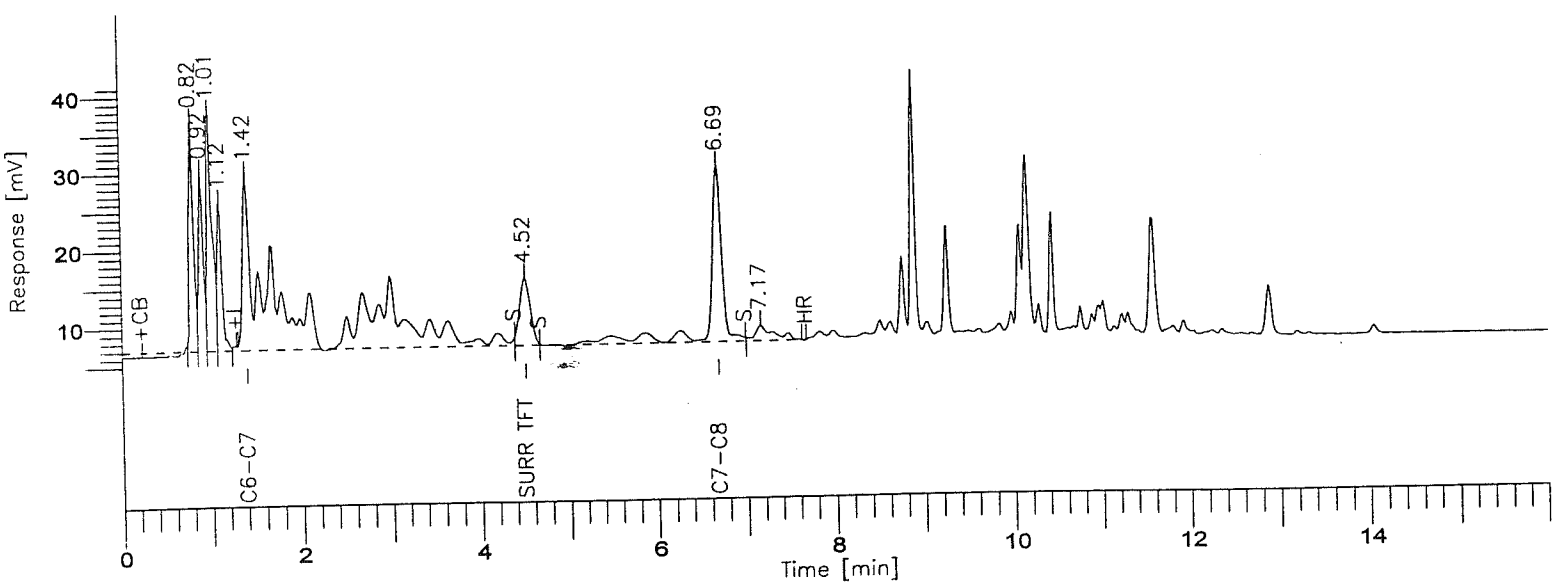
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/7/00 08:03 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A039.RAW
Result File : C:\TC4\GC16AB\O06A039.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A039.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000776

BOE-C6-0155441

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
4.52	SURR TFT	73331	0.0391	0.0400	-2.1
6.69	GASOLINE RANGE	866081	0.9959	1.0000	-0.4
		939412			

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
1.42	C6-C7	655737	1.0848	1.0000	8.5
6.69	C7-C8	210344	0.7982	1.0000	-20.2
		866081			

S - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A039.TX0

Software Version: 4.1<2F12>
Sample Name : GASCCV
Sample Number: GASCCV
Operator :

Time : 10/8/00 12:45 AM
Study : low soil

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

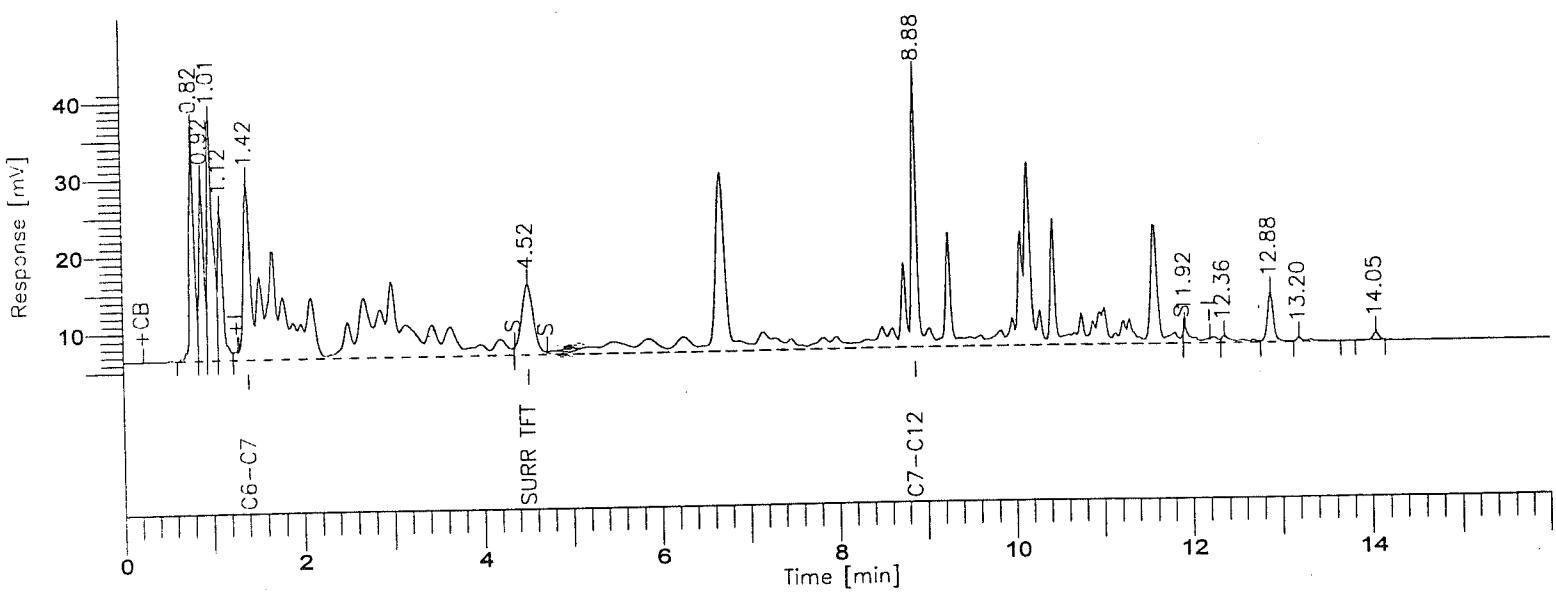
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/7/00 08:03 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A039.RAW
Result File : C:\TC4\GC16AB\O06A039.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A039.RST
Proc Method : C:\TC4\GC16AB\METHODS\911GAS.mth
Calib Method : C:\TC4\GC16AB\METHODS\911GAS.mth
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000778

BOE-C6-0155443

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
4.52	SURR TFT	85968	0.0420	0.0400	5.1
8.88	GASOLINE RANGE	1854020	1.0992	1.0000	9.9
		1939987			

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
1.42	C6-C7	747763	1.1793	1.0000	17.9
8.88	C7-C12	1106257	1.0528	1.0000	5.3
		1854020			

- LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A039.TX0

Lot/Sample: E0J090000-429B INTRA-LAB BLANK TICs.....: N Report Results: Y
WO#.....: DLRQ1-1-01 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....:
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/06/00
Inject Time..: 15:56 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A006
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:32:09
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number:
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1820	91		

Software Version: 4.1<2F12>
Sample Name : BLK-S
Sample Number: BLK-S
Operator :

Time : 10/8/00 12:52 AM
Study : low soil

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

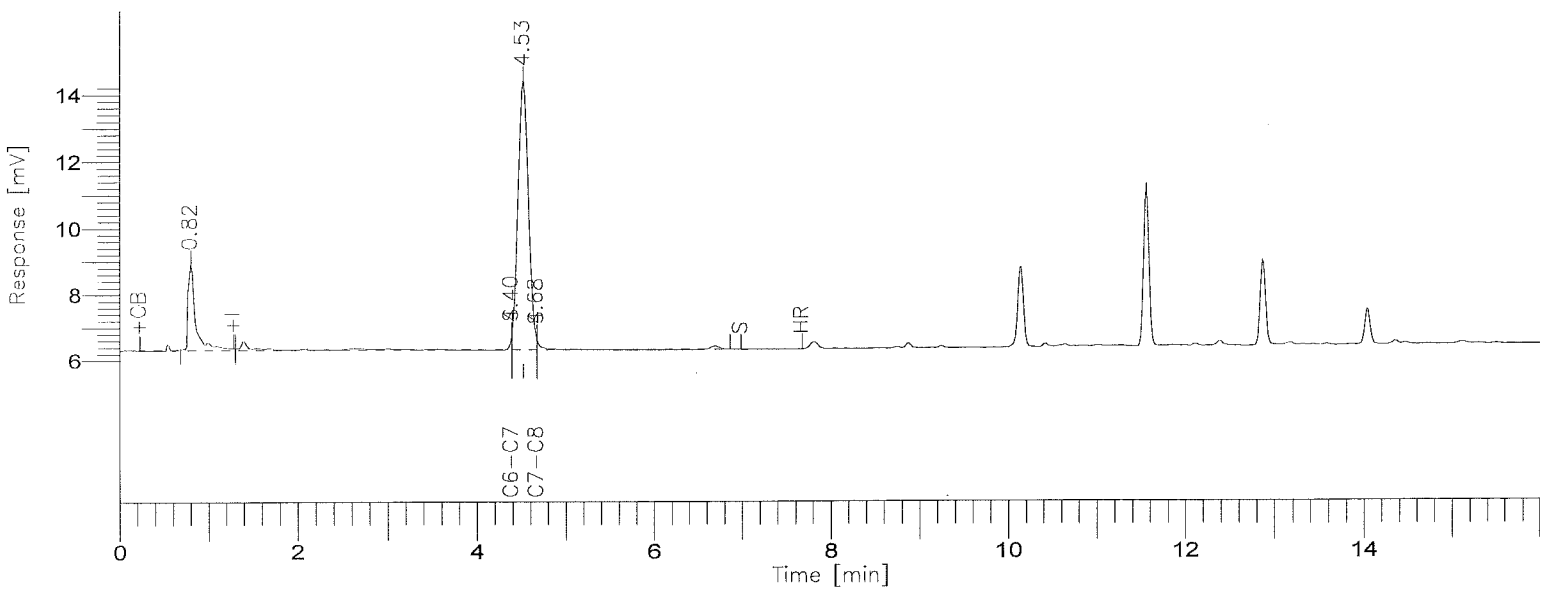
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/6/00 03:56 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A006.RAW
Result File : C:\TC4\GC16AB\O06A006.RST
Inst Method : C:\TC4\GC16AB\METHODS\911GAS from C:\TC4\GC16AB\O06A006.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8.mth
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8.mth
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	4505	-0.0722	-----	1.00		-0.0144
4.53	SURR TFT	66651	0.1820	91.0	0.00		0.0364
		71156					0.0220

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	3835	-0.1161	-----	1.00		-0.0232
4.68	C7-C8	670	0.0256	-----	1.00		0.0051
		4505					-0.0181

[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A006.TX0

Lot/Sample: E0J090000-429C INTRA-LAB CHECK TICs.....: N Report Results: Y
WO#.....: DLRQ1-1-02 Est. Results: Sig Fig Alg...:
SAC.....: XX A 15 KJ 01 Dry Weight..: Upload.....:
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/06/00
Inject Time..: 15:28 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A005
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 12:57:24
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number:
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....: GASOLINE
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Spike Amount	Measured Amount	%REC	%RPD	Data Qual	Report Qual
04273	Gasoline Range Organics			5.0	NA	0	0		NA
	Sample amount: NA								
04863	Gasoline Range Organics			5.0	NA	0	0		NA
	Sample amount: NA								
02909	TPH (as Gasoline)			5.0	5.5335	110.6	0		
	Sample amount: NA								

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.2270	113.5		

Software Version: 4.1<2F12>
Sample Name : lcsgas
Sample Number: lcsgas
Operator :

Time : 10/8/00 12:52 AM
Study : low soil

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

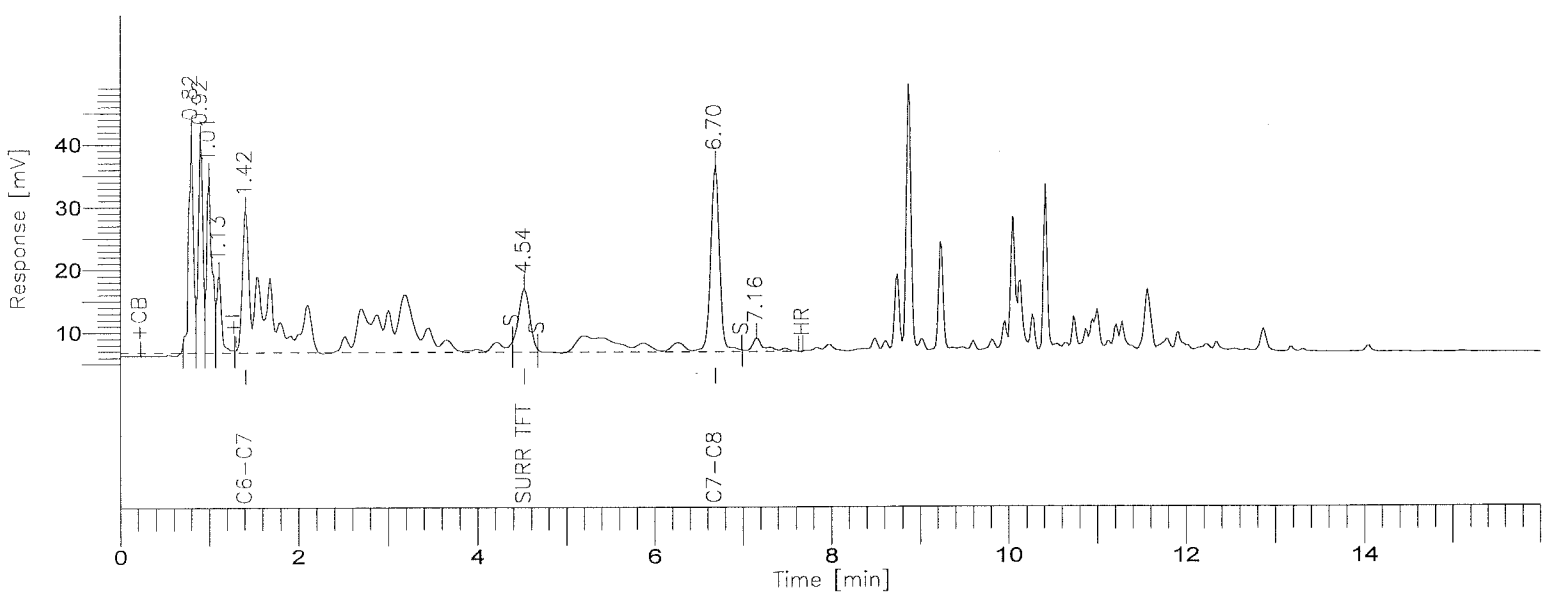
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/6/00 03:28 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A005.RAW
Result File : C:\TC4\GC16AB\O06A005.RST
Inst Method : C:\TC4\GC16AB\METHODS\911GAS from C:\TC4\GC16AB\O06A005.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8.mth
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8.mth
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000784

BOE-C6-0155449

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	QC Spike (ppm)	QC % REC	FN	Raw Amount (ppm)
4.54	SURR TFT	90004	0.2270	0.0400	113.5		0.0454
6.70	GASOLINE RANGE	960531	5.5335	1.0000	110.7		1.1067
		1050535					1.1521

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	QC Spike (ppm)	QC % REC	FN	Raw Amount (ppm)
1.42	C6-C7	652335	5.3949	1.0000	107.9		1.0790
6.70	C7-C8	308196	5.8418	1.0000	116.8		1.1684
		960531					2.2473

- LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A005.TX0

Lot/Sample: E0J040125-001 C-2-59-5 TICs.....: N Report Results: Y
WO#.....: DLH33-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....:
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/06/00
Inject Time..: 20:39 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A015
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:34:19
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		
04273	Gasoline Range Organics	*		NA	1	0.1		NA
04863	Gasoline Range Organics	*		NA	1	0.1		NA
02909	TPH (as Gasoline)	*		ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1820	91		

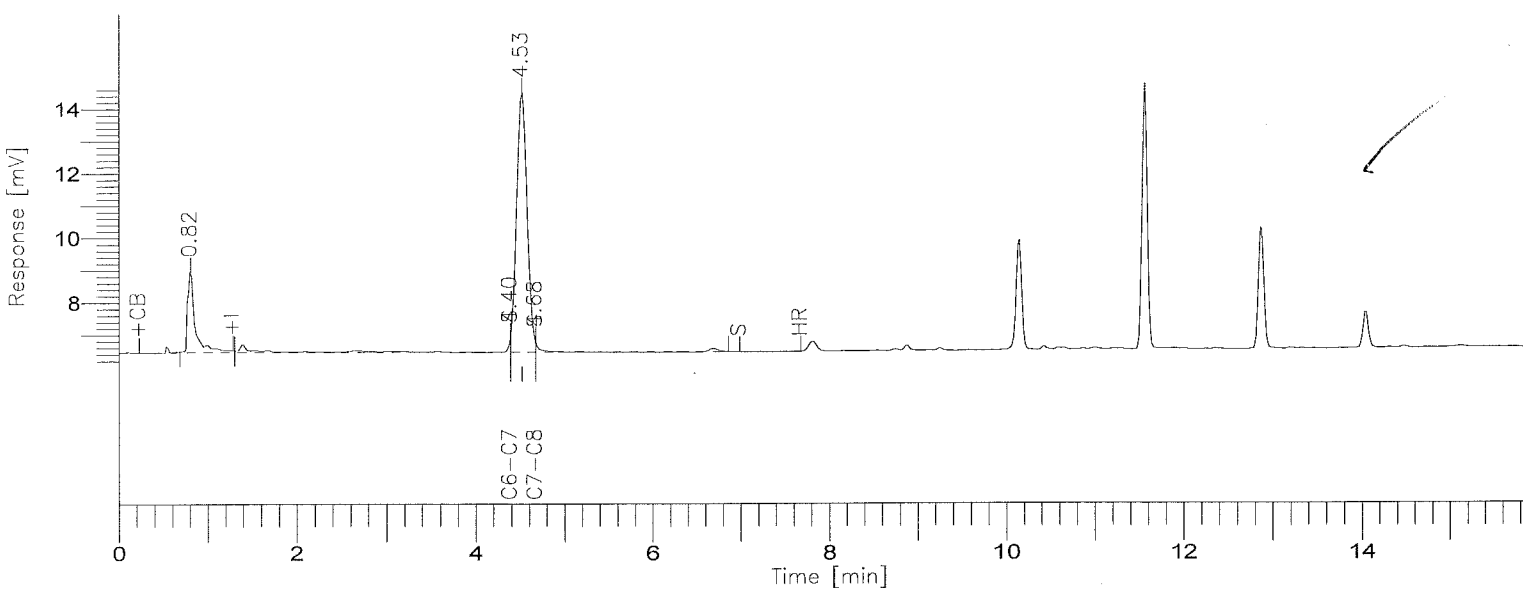
Software Version: 4.1<2F12>
Sample Name : J040125-1 Time : 10/6/00 08:55 PM
Sample Number: 125-1 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/6/00 08:39 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\006A015.RAW
Result File : C:\TC4\GC16AB\006A015.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\006A015.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\006.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	4537	-0.0720	-----	1.00		-0.0144
4.53	SURR TFT	66652	0.1820	91.0	0.00		0.0364
		71189					0.0220

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	3846	-0.1160	-----	1.00		-0.0232
4.68	C7-C8	691	0.0260	-----	1.00		0.0052
		4537					-0.0180

[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A015.TX0

Lot/Sample: E0J040125-001S C-2-59-5 TICs.....: N Report Results: Y
WO#.....: DLH33-1-0R Est. Results: Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/07/00
Inject Time..: 6:38 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A036
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 18:23:49
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....: GASOLINE
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Spike Amount	Measured Amount	%REC	%RPD	Data Qual	Report Qual
04273	Gasoline Range Organics			5.0	ND	0	0		
	Sample amount: NA								
04863	Gasoline Range Organics			5.0	ND	0	0		
	Sample amount: NA								
02909	TPH (as Gasoline)			5.0	4.8911	97.82	4.27		
	Sample amount: ND								

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.2183	109.15		

Software Version: 4.1<2F12>
Sample Name : 125-1MS
Sample Number: 125-1MS
Operator :

Time : 10/7/00 06:54 AM
Study : low soil

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

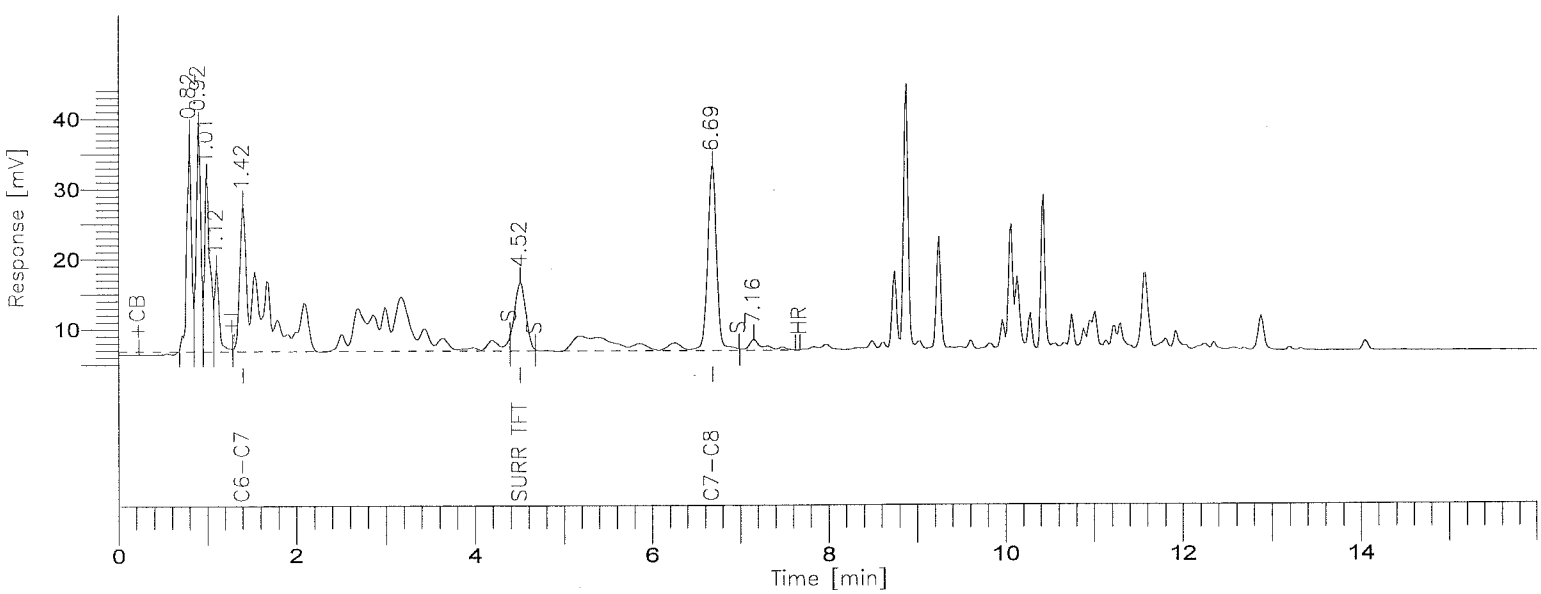
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/7/00 06:38 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A036.RAW
Result File : C:\TC4\GC16AB\O06A036.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A036.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	QC Spike (ppm)	QC % REC	FN	Raw Amount (ppm)
4.52	SURR TFT	85144	0.2183	0.0400	109.1		0.0437
6.69	GASOLINE RANGE	850969	4.8911	1.0000	97.8		0.9782
		936113					1.0219

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	QC Spike (ppm)	QC % REC	FN	Raw Amount (ppm)
1.42	C6-C7	582277	4.7996	1.0000	96.0		0.9599
6.69	C7-C8	268692	5.0947	1.0000	101.9		1.0189
		850969					1.9788

- LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A036.TX0

Lot/Sample: E0J040125-001D C-2-59-5 TICs.....: N Report Results: Y
WO#.....: DLH33-1-0T Est. Results: Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/07/00
Inject Time..: 7:06 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A037
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 18:23:49
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....: GASOLINE
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Spike Amount	Measured Amount	%REC	%RPD	Data Qual	Report Qual
04273	Gasoline Range Organics			5.0	NA	0	0		NA
	Sample amount: NA								
04863	Gasoline Range Organics			5.0	NA	0	0		NA
	Sample amount: NA								
02909	TPH (as Gasoline)			5.0	5.1049	102.0	4.27		
	Sample amount: ND								

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.2206	110.3		

Software Version: 4.1<2F12>
Sample Name : 125-1MSD
Sample Number: 125-1MSD
Operator :

Time : 10/7/00 07:22 AM
Study : low soil

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

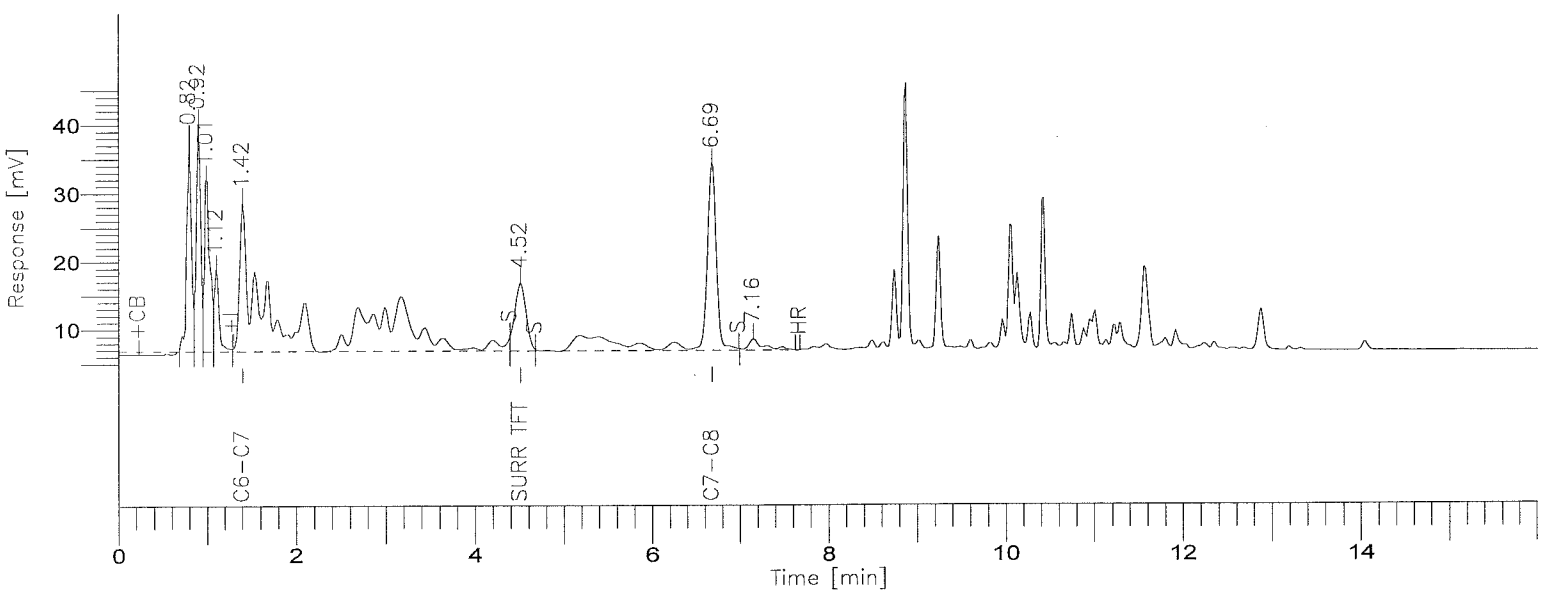
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/7/00 07:06 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A037.RAW
Result File : C:\TC4\GC16AB\O06A037.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A037.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	QC Spike (ppm)	QC % REC	FN	Raw Amount (ppm)
4.52	SURR TFT	86432	0.2206	0.0400	110.3		0.0441
6.69	GASOLINE RANGE	887431	5.1049	1.0000	102.1		1.0210
		973863					1.0651

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	QC Spike (ppm)	QC % REC	FN	Raw Amount (ppm)
1.42	C6-C7	606571	5.0060	1.0000	100.1		1.0012
6.69	C7-C8	280860	5.3248	1.0000	106.5		1.0650
		887431					2.0662

[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A037.TX0

Lot/Sample: E0J040125-002 C-2-60-5 TICs.....: N Report Results: Y
WO#.....: DLH39-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/06/00
Inject Time..: 21:07 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A016
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:34:49
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1829	91.45		

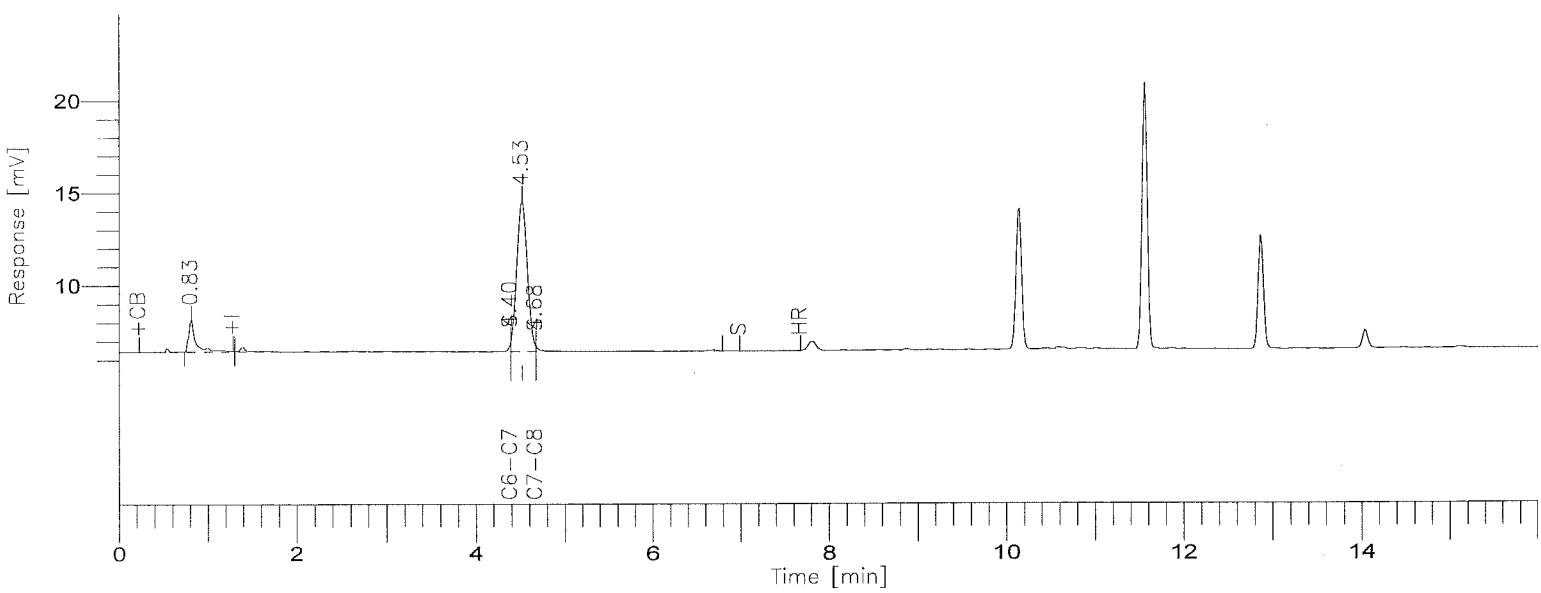
Software Version: 4.1<2F12>
Sample Name : J040125-2 Time : 10/6/00 09:23 PM
Sample Number: 125-2 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/6/00 09:07 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\006A016.RAW
Result File : C:\TC4\GC16AB\006A016.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\006A016.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\006.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	2090	-0.0863	-----	1.00		-0.0173
4.53	SURR TFT	67064	0.1829	91.5	0.00		0.0366
		69154					0.0193

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	1888	-0.1326	-----	1.00		-0.0265
4.68	C7-C8	202	0.0167	-----	1.00		0.0033
		2090					-0.0232

[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A016.TX0

Lot/Sample: E0J040125-008 C-2-62-1 TICs.....: N Report Results: Y
WO#.....: DLH3J-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/06/00
Inject Time..: 21:36 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A017
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:35:05
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1851	92.55		

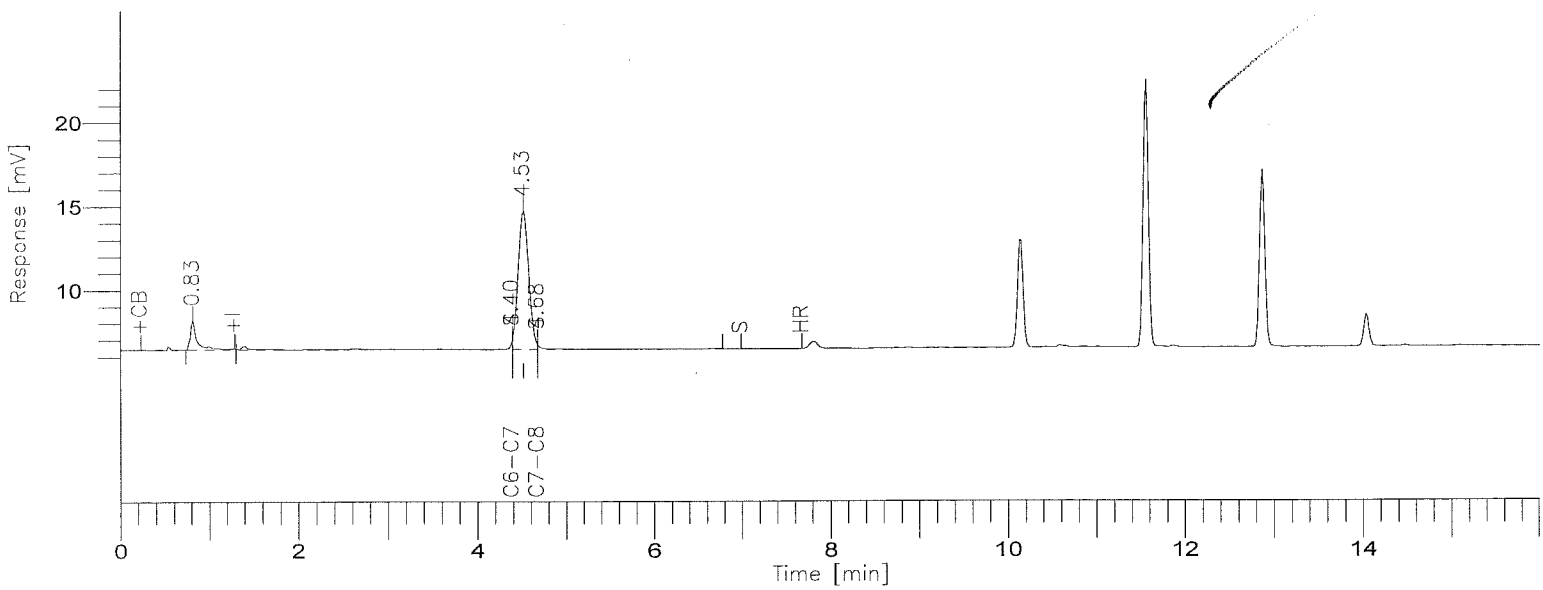
Software Version: 4.1<2F12>
Sample Name : J040125-8 Time : 10/6/00 09:52 PM
Sample Number: 125-8 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/6/00 09:36 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\006A017.RAW
Result File : C:\TC4\GC16AB\006A017.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\006A017.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\006.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	2069	-0.0864	-----	1.00		-0.0173
4.53	SURR TFT	68105	0.1851	92.5	0.00		0.0370
		70174					0.0197

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	1814	-0.1332	-----	1.00		-0.0266
4.68	C7-C8	255	0.0177	-----	1.00		0.0035
		2069					-0.0231

Report stored in ASCII file: C:\TC4\GC16AB\O06A017.TX0

Lot/Sample: E0J040125-009 C-2-62-5 TICs.....: N Report Results: Y
WO#.....: DLH3L-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/06/00
Inject Time..: 22:04 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A018
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:35:17
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1833	91.65		

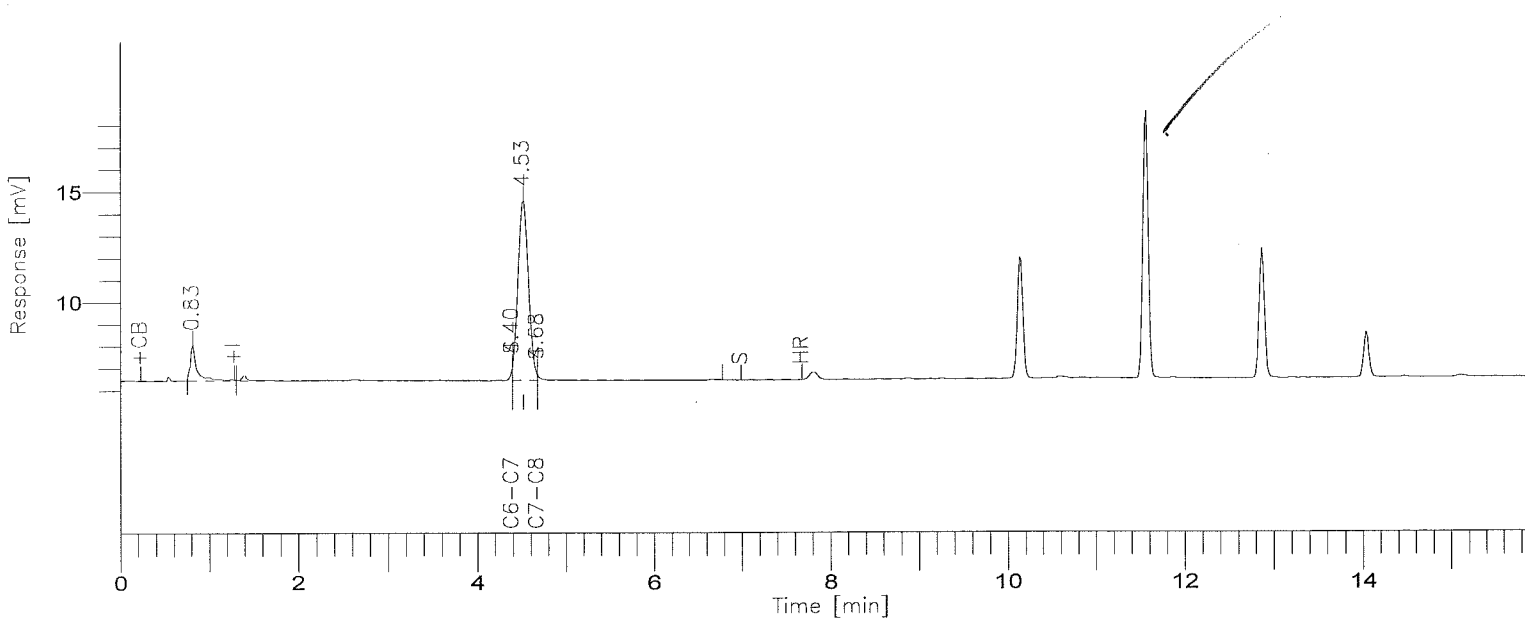
Software Version: 4.1<2F12>
Sample Name : J040125-9 Time : 10/6/00 10:20 PM
Sample Number: 125-9 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/6/00 10:04 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A018.RAW
Result File : C:\TC4\GC16AB\O06A018.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A018.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000802

BOE-C6-0155467

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	1423	-0.0902	-----	1.00		-0.0180
4.53	SURR TFT	67240	0.1833	91.6	0.00		0.0367
		68663					0.0186

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	1309	-0.1375	-----	1.00		-0.0275
4.68	C7-C8	114	0.0151	-----	1.00		0.0030
		1423					-0.0245

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A018.TX0

Lot/Sample: E0J040125-011 C-2-54-5 TICs.....: N Report Results: Y
WO#.....: DLH3N-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/06/00
Inject Time..: 22:33 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A019
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:35:38
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1817	90.85		

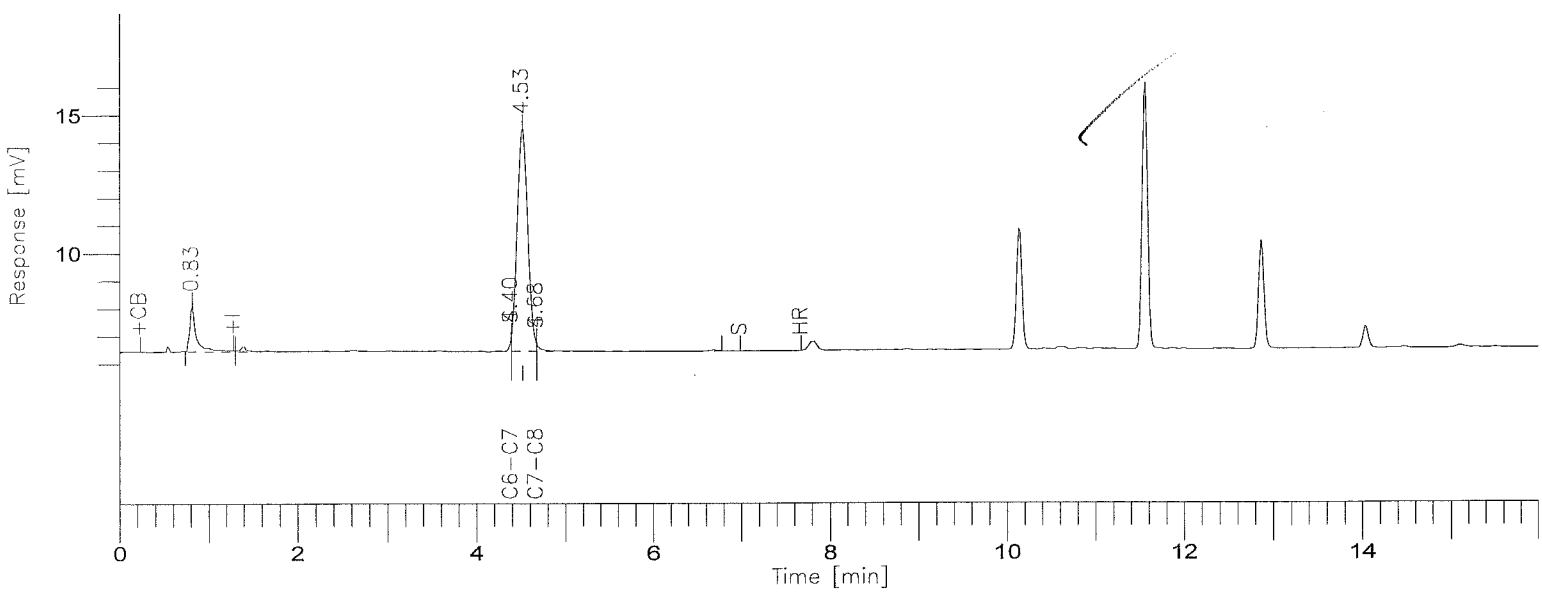
Software Version: 4.1<2F12>
Sample Name : J040125-11 Time : 10/6/00 10:49 PM
Sample Number: 125-11 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/6/00 10:33 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A019.RAW
Result File : C:\TC4\GC16AB\O06A019.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A019.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	1606	-0.0892	-----	1.00		-0.0178
4.53	SURR TFT	66504	0.1817	90.9	0.00		0.0363
		68110					0.0185

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	1535	-0.1356	-----	1.00		-0.0271
4.68	C7-C8	71	0.0142	-----	1.00		0.0028
		1606					-0.0243

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A019.TX0

Lot/Sample: E0J040125-012 C-2-55-5 TICs.....: N Report Results: Y
WO#.....: DLH3T-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/06/00
Inject Time..: 23:01 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A020
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:36:04
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1826	91.3		

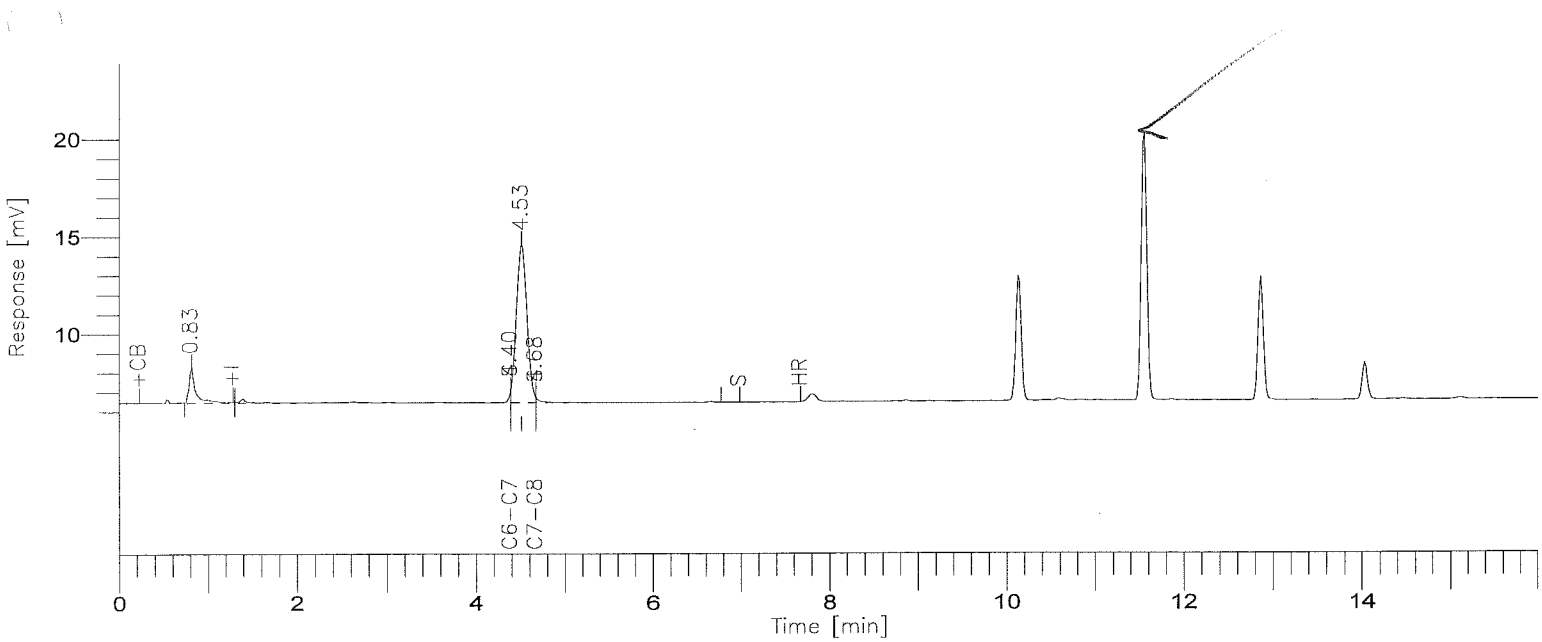
Software Version: 4.1<2F12>
Sample Name : J040125-12 Time : 10/6/00 11:18 PM
Sample Number: 125-12 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/6/00 11:01 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A020.RAW
Result File : C:\TC4\GC16AB\O06A020.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A020.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	2218	-0.0856	-----	1.00		-0.0171
4.53	SURR TFT	66944	0.1826	91.3	0.00		0.0365
		69162					0.0194

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	2111	-0.1307	-----	1.00		-0.0261
4.68	C7-C8	107	0.0149	-----	1.00		0.0030
		2218					-0.0232

[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A020.TX0

Lot/Sample: E0J040125-018 C-2-58-1.5 TICs.....: N Report Results: Y
WO#.....: DLH47-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/07/00
Inject Time..: 0:27 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A023
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:36:18
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1836	91.8		

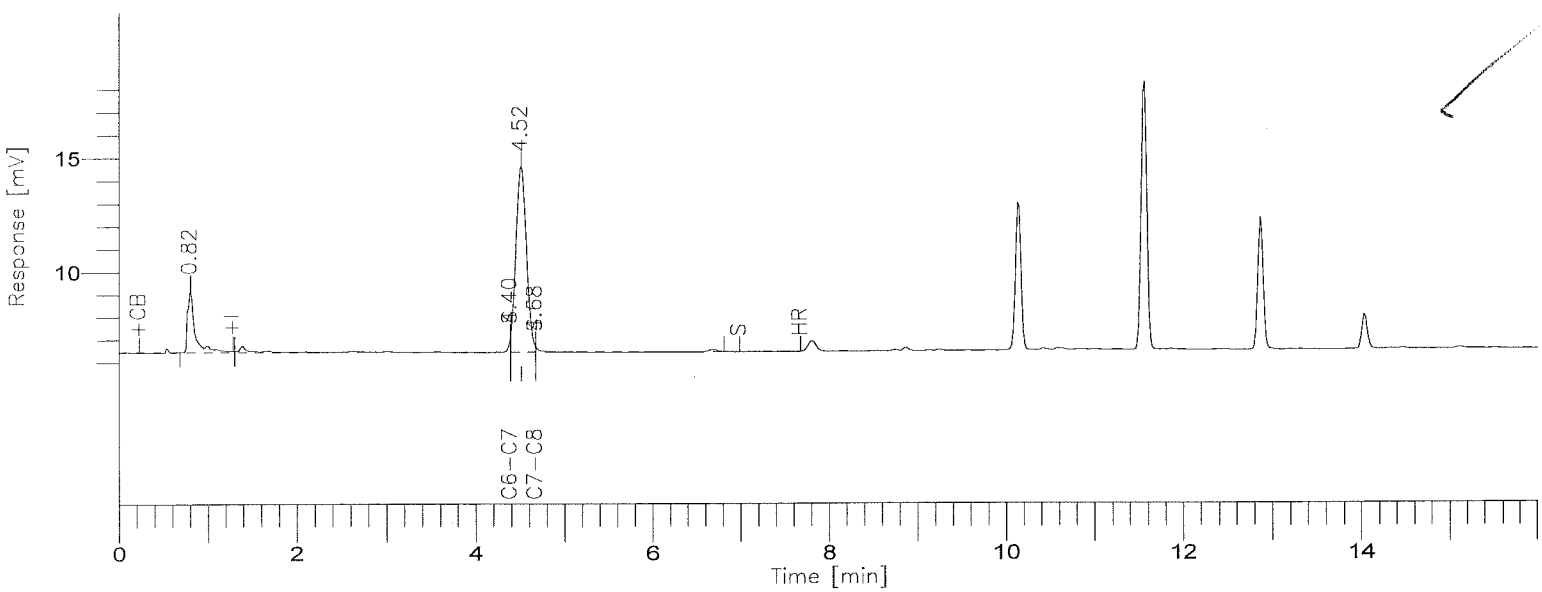
Software Version: 4.1<2F12>
Sample Name : J040125-18 Time : 10/7/00 12:43 AM
Sample Number: 125-18 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/7/00 12:27 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A023.RAW
Result File : C:\TC4\GC16AB\O06A023.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A023.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000811

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	3527	-0.0779	-----	1.00		-0.0156
4.52	SURR TFT	67385	0.1836	91.8	0.00		0.0367
		70912					0.0211

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	3491	-0.1190	-----	1.00		-0.0238
4.68	C7-C8	36	0.0136	-----	1.00		0.0027
		3527					-0.0211

S[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A023.TX0

Lot/Sample: E0J040125-019 C-2-58-5 TICs.....: N Report Results: Y
WO#.....: DLH48-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/07/00
Inject Time..: 0:56 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A024
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:36:31
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1833	91.65		

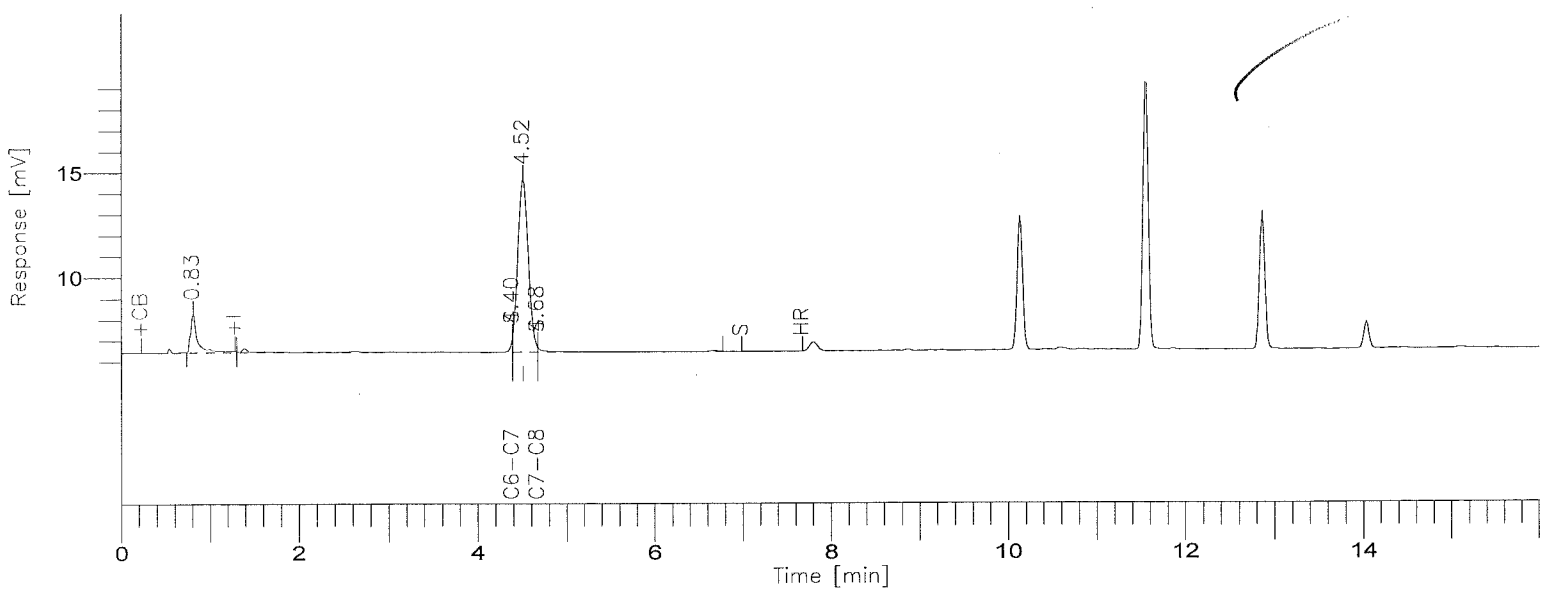
Software Version: 4.1<2F12>
Sample Name : J040125-19 Time : 10/7/00 01:12 AM
Sample Number: 125-19 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/7/00 12:56 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\006A024.RAW
Result File : C:\TC4\GC16AB\006A024.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\006A024.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\006.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	2405	-0.0845	-----	1.00		-0.0169
4.52	SURR TFT	67276	0.1833	91.7	0.00		0.0367
		69681					0.0198

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	2381	-0.1284	-----	1.00		-0.0257
4.68	C7-C8	24	0.0134	-----	1.00		0.0027
		2405					-0.0230

[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A024.TX0

Lot/Sample: E0J040125-020 C-2-59-1 TICs.....: N Report Results: Y
WO#.....: DLH4A-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/07/00
Inject Time..: 1:24 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A025
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:36:44
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1846	92.3		

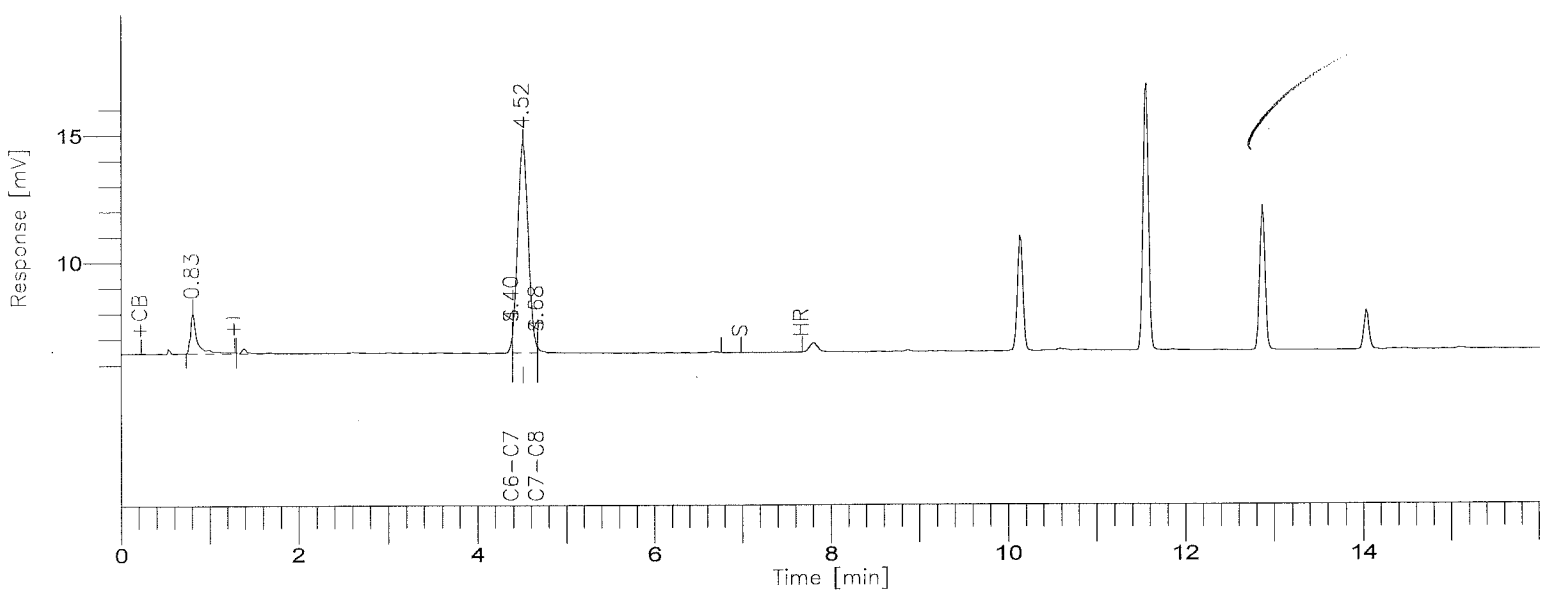
Software Version: 4.1<2F12>
Sample Name : J040125-20 Time : 10/7/00 01:40 AM
Sample Number: 125-20 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/7/00 01:24 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A025.RAW
Result File : C:\TC4\GC16AB\O06A025.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A025.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	1626	-0.0890	-----	1.00		-0.0178
4.52	SURR TFT	67858	0.1846	92.3	0.00		0.0369
		69484					0.0191

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	1470	-0.1362	-----	1.00		-0.0272
4.68	C7-C8	156	0.0158	-----	1.00		0.0032
		1626					-0.0241

[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A025.TX0

Lot/Sample: E0J040125-021 C-2-49-5 TICs.....: N Report Results: Y
WO#.....: DLH4D-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/07/00
Inject Time..: 1:53 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A026
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:36:54
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1864	93.2		

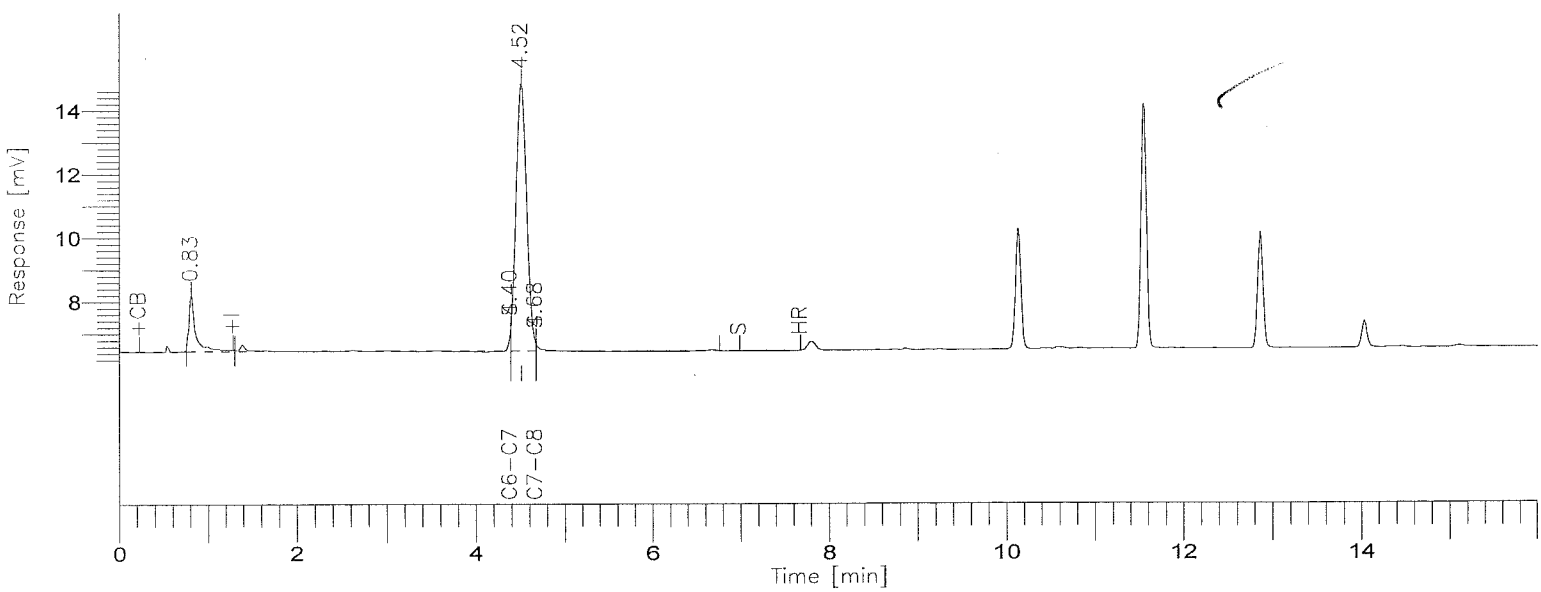
Software Version: 4.1<2F12>
Sample Name : J040125-21 Time : 10/7/00 02:09 AM
Sample Number: 125-21 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/7/00 01:53 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\006A026.RAW
Result File : C:\TC4\GC16AB\006A026.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\006A026.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\006.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	1993	-0.0869	-----	1.00		-0.0174
4.52	SURR TFT	68734	0.1864	93.2	0.00		0.0373
		70727					0.0199

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	1586	-0.1352	-----	1.00		-0.0270
4.68	C7-C8	407	0.0206	-----	1.00		0.0041
		1993					-0.0229

- LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A026.TX0

Lot/Sample: E0J040125-023 C-2-50-1 TICs.....: N Report Results: Y
WO#.....: DLH4F-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/07/00
Inject Time..: 2:21 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A027
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:37:04
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1816	90.8		

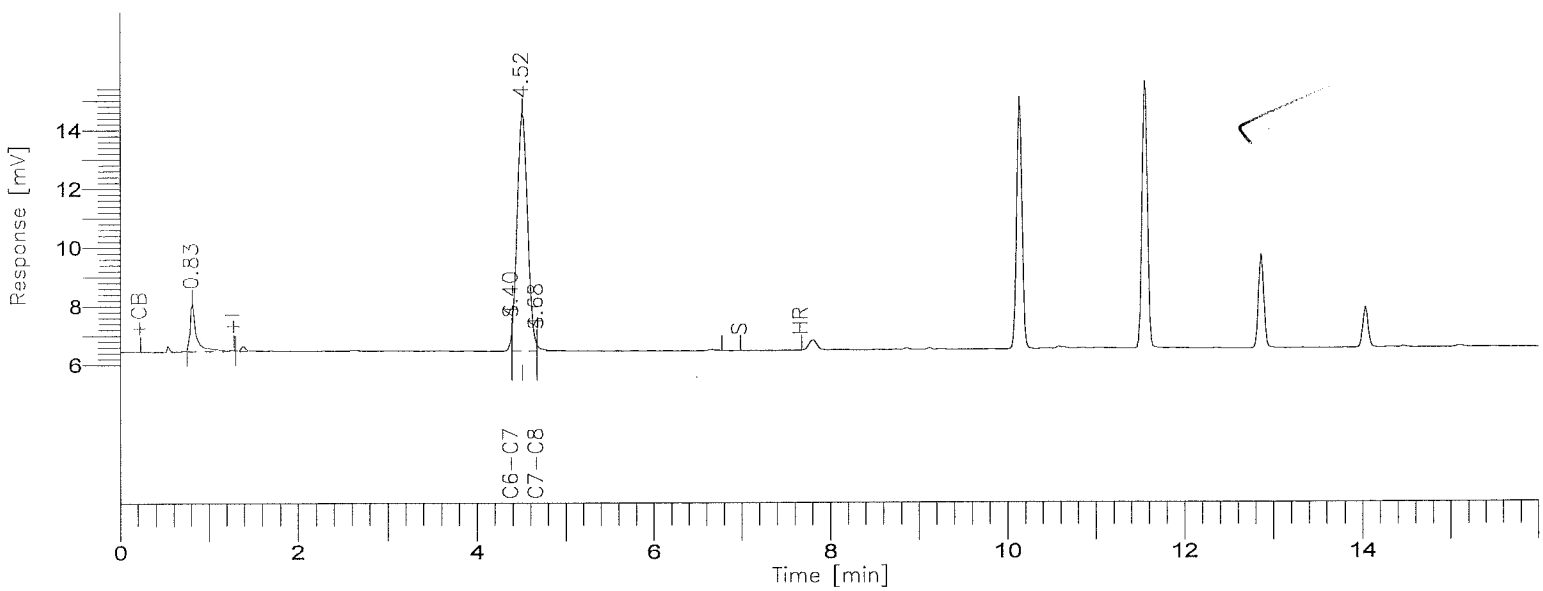
Software Version: 4.1<2F12>
Sample Name : J040125-23 Time : 10/7/00 02:37 AM
Sample Number: 125-23 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/7/00 02:21 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A027.RAW
Result File : C:\TC4\GC16AB\O06A027.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A027.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000823

BOE-C6-0155488

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	2088	-0.0863	-----	1.00		-0.0173
4.52	SURR TFT	66435	0.1816	90.8	0.00		0.0363
		68523					0.0190

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	2008	-0.1316	-----	1.00		-0.0263
4.68	C7-C8	80	0.0144	-----	1.00		0.0029
		2088					-0.0234

[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A027.TX0

Lot/Sample: E0J040125-024 C-2-50-5 TICs.....: N Report Results: Y
WO#.....: DLH4J-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/07/00
Inject Time..: 2:50 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A028
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:37:14
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1825	91.25		

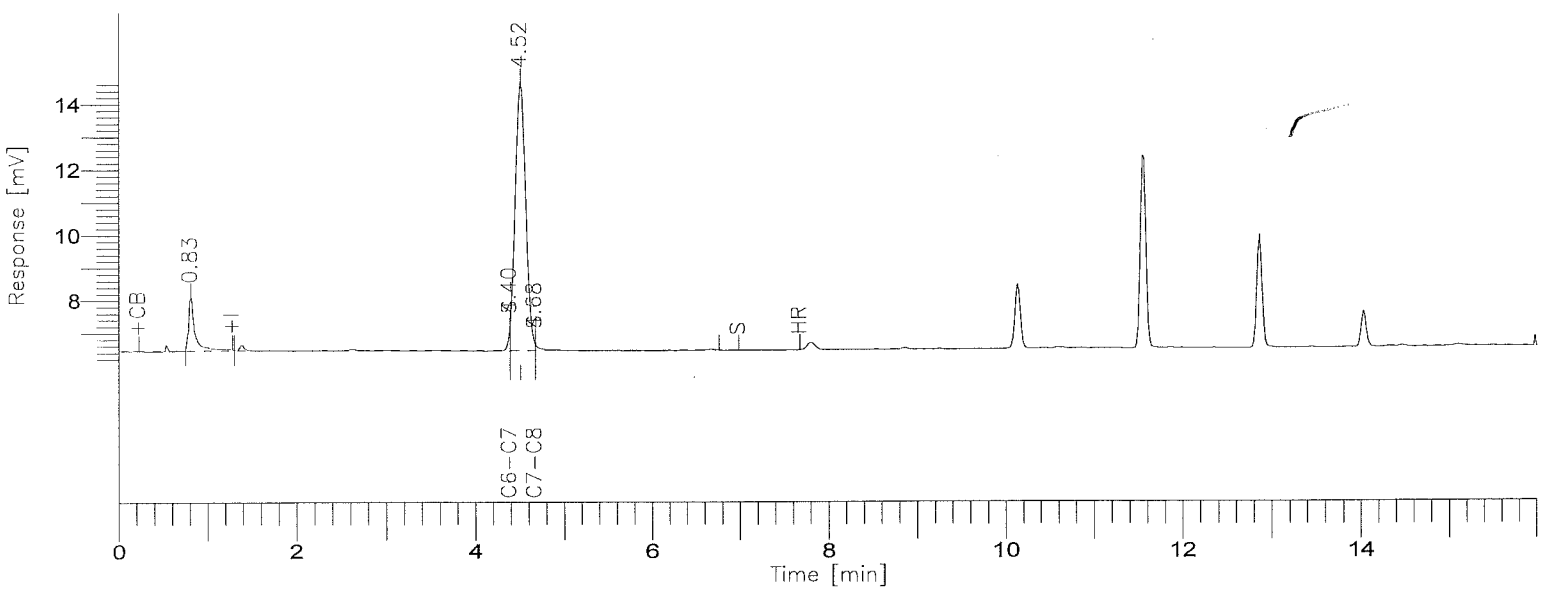
Software Version: 4.1<2F12>
Sample Name : J040125-24 Time : 10/7/00 03:06 AM
Sample Number: 125-24 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/7/00 02:50 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A028.RAW
Result File : C:\TC4\GC16AB\O06A028.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A028.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	1557	-0.0894	-----	1.00		-0.0179
4.52	SURR TFT	66872	0.1825	91.2	0.00		0.0365
		68429					0.0186

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	1152	-0.1389	-----	1.00		-0.0278
4.68	C7-C8	405	0.0206	-----	1.00		0.0041
		1557					-0.0237

- LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A028.TX0

Lot/Sample: E0J040125-025 C-2-51-5 TICs.....: N Report Results: Y
WO#.....: DLH5H-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/07/00
Inject Time..: 3:18 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A029
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:37:29
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1813	90.65		

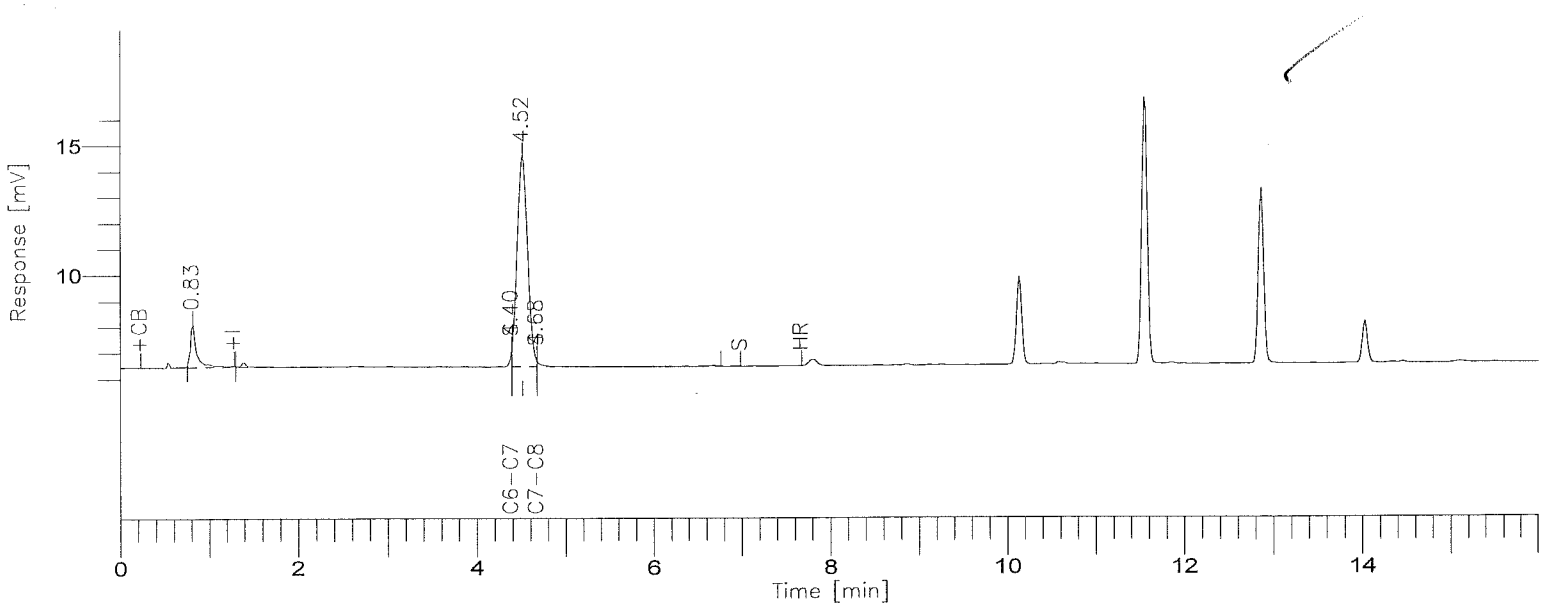
Software Version: 4.1<2F12>
Sample Name : J040125-25 Time : 10/7/00 03:34 AM
Sample Number: 125-25 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/7/00 03:18 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A029.RAW
Result File : C:\TC4\GC16AB\O06A029.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A029.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	1871	-0.0876	-----	1.00		-0.0175
4.52	SURR TFT	66313	0.1813	90.7	0.00		0.0363
		68184					0.0187

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	1630	-0.1348	-----	1.00		-0.0270
4.68	C7-C8	241	0.0175	-----	1.00		0.0035
		1871					-0.0235

- LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A029.TX0

Lot/Sample: E0J040125-027 C-2-52-5 TICs.....: N Report Results: Y
WO#.....: DLH5M-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/07/00
Inject Time..: 3:46 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A030
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:37:38
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1845	92.25		

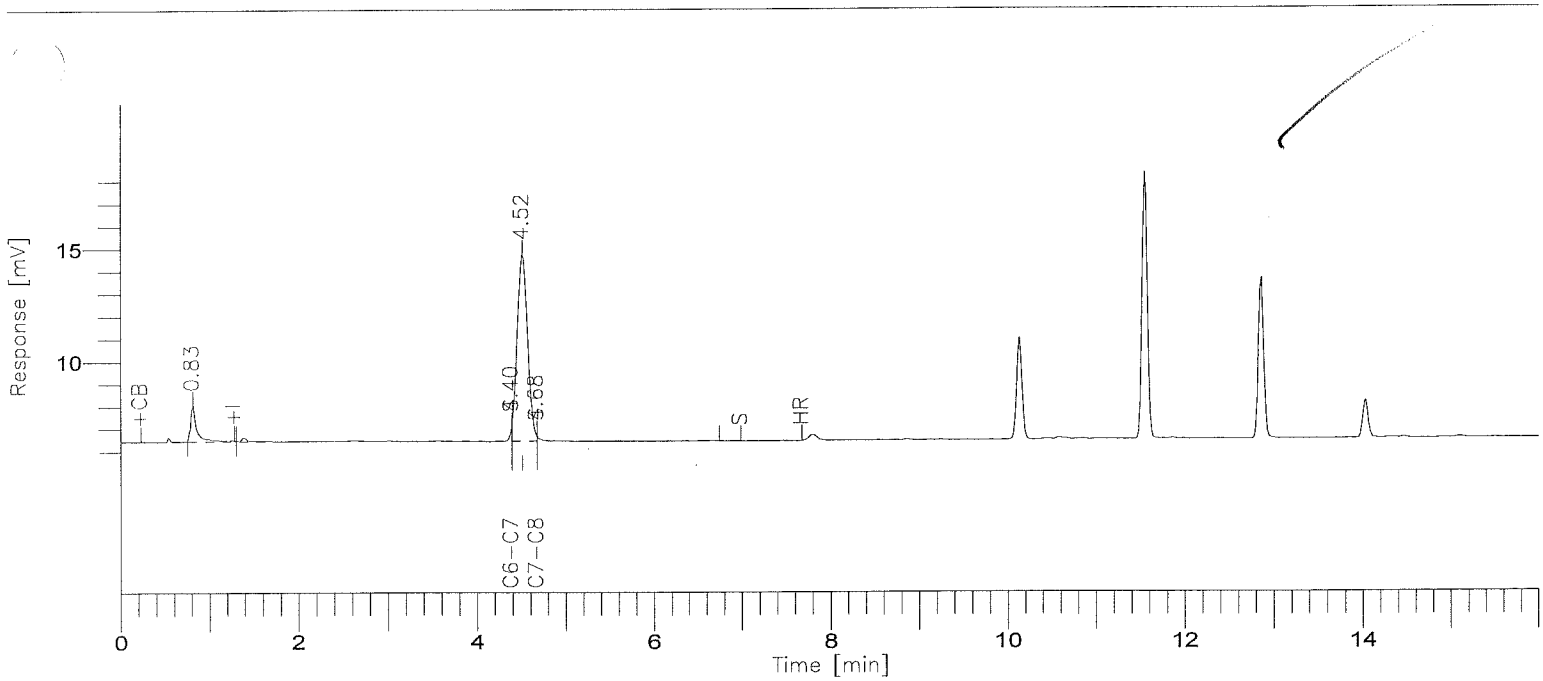
Software Version: 4.1<2F12>
Sample Name : J040125-27 Time : 10/7/00 04:02 AM
Sample Number: 125-27 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/7/00 03:46 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A030.RAW
Result File : C:\TC4\GC16AB\O06A030.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A030.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000832

BOE-C6-0155497

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	2274	-0.0852	-----	1.00		-0.0170
4.52	SURR TFT	67851	0.1845	92.3	0.00		0.0369
		70125					0.0199

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	2002	-0.1316	-----	1.00		-0.0263
4.68	C7-C8	272	0.0180	-----	1.00		0.0036
		2274					-0.0227

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A030.TX0

Lot/Sample: E0J040125-029 C-2-53-5 TICs.....: N Report Results: Y
WO#.....: DLH5T-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/07/00
Inject Time..: 4:15 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A031
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:37:50
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1830	91.5		

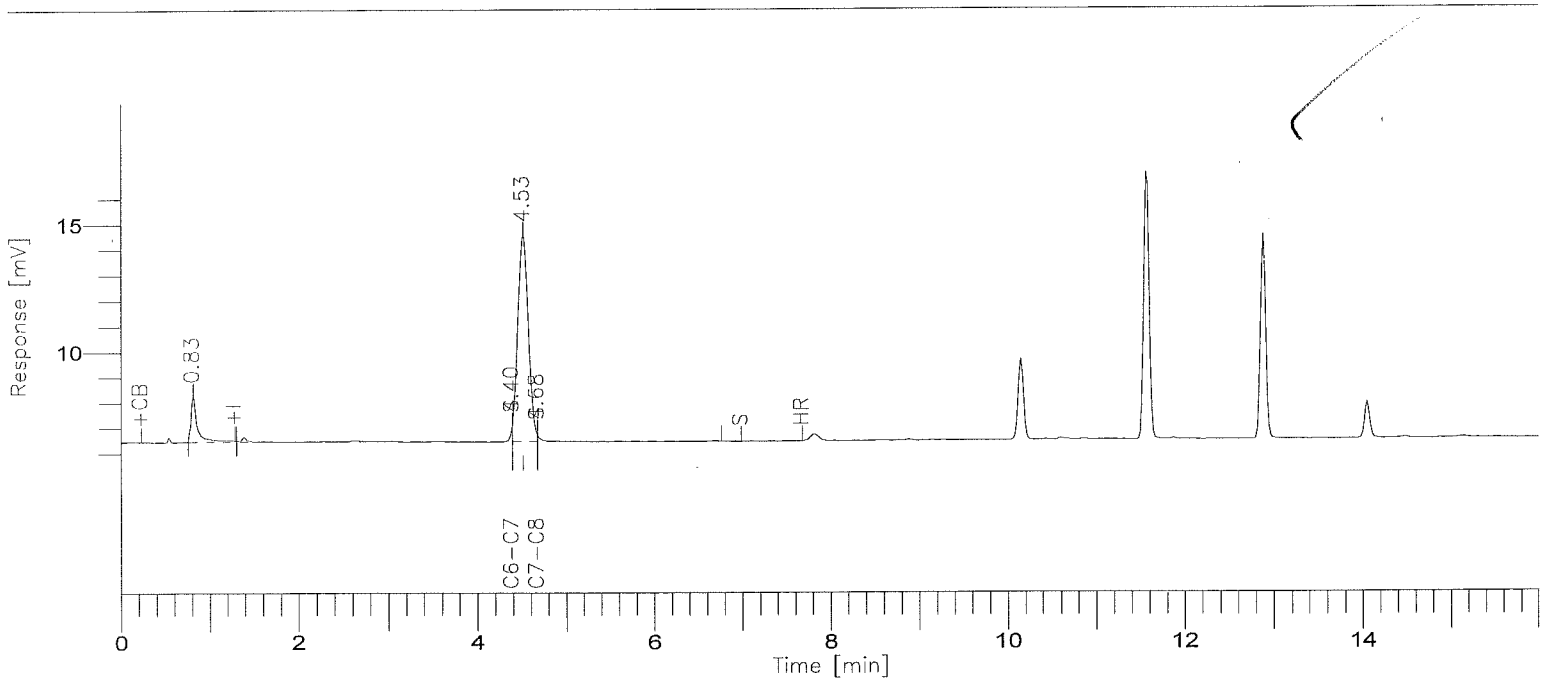
Software Version: 4.1<2F12>
Sample Name : J040125-29 Time : 10/7/00 04:31 AM
Sample Number: 125-29 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/7/00 04:15 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A031.RAW
Result File : C:\TC4\GC16AB\O06A031.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A031.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	1604	-0.0892	-----	1.00		-0.0178
4.52	SURR TFT	67093	0.1830	91.5	0.00		0.0366
		68697					0.0188

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	1235	-0.1382	-----	1.00		-0.0276
4.68	C7-C8	369	0.0199	-----	1.00		0.0040
		1604					-0.0237

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A031.TX0

Lot/Sample: E0J040125-030 C-2-53-10 TICs.....: N Report Results: Y
WO#.....: DLH60-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 15 KJ 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Volatile Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/07/00
Inject Time..: 4:43 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: O06A032
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 14:38:02
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/06-10/07/00
QC Batch.....: 0283429
MS Run Number: 0283192
Prep Time....: 0:00- 0:00
Init Wgt/Vol.: 1 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
Exchange Solv: Amt..:
Spike....:
Surrogate: TFT

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05134	C6-C8			ND	1	0.1		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1811	90.55		

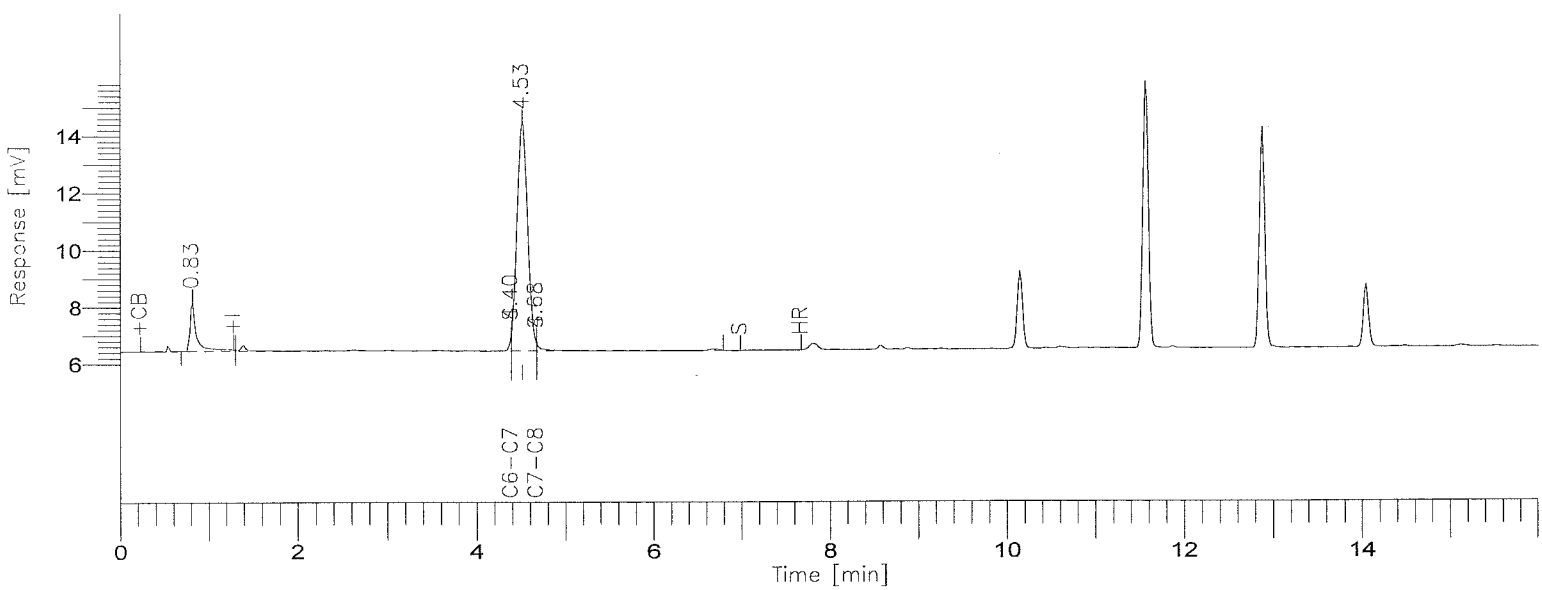
Software Version: 4.1<2F12>
Sample Name : J040125-30 Time : 10/7/00 04:59 AM
Sample Number: 125-30 Study : low soil
Operator :

Instrument : GC16AB Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2346570928 Data Acquisition Time: 10/7/00 04:43 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\O06A032.RAW
Result File : C:\TC4\GC16AB\O06A032.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\O06A032.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\O06.SEQ

Sample Volume : 1.0000 ml Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000838

BOE-C6-0155503

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	2701	-0.0827	-----	1.00		-0.0165
4.53	SURR TFT	66203	0.1811	90.5	0.00		0.0362
		68904					0.0197

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	C6-C7	2340	-0.1288	-----	1.00		-0.0258
4.68	C7-C8	361	0.0197	-----	1.00		0.0039
		2701					-0.0218

SCL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\O06A032.TX0

INITIAL CALIBRATION DATA

Date Analyzed: 9-11-00

Instrument ID: G16A-6A3

$C_6 \rightarrow C_8$

Turbochrom Method File : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Created by : ps on : 9/20/00 05:17 PM
Edited by : JKA on : 9/20/00 05:17 PM
Description :

Number of Times Edited : 0
Number of Times Calibrated : 324

Instrument Conditions :

Instrument Control Method:
Instrument name : GC16AB

Interface Parameters :
Delay Time : 0.00 min.
Run Time : 16.00 min.
Sampling Rate : 1.0000 pts/s
Interface Type : 900
Analog Voltage Input : 1000 mV
Data will be collected from both channels

Timed Events:
There are no timed events in the method

Real Time Plot Parameters :
Channel A -- Pages: 1 Offset: 0.000 mV Scale: 100.000 mV
Channel B -- Pages: 1 Offset: 0.000 mV Scale: 1000.000 mV

Processing Parameters :
Bunch Factor : 1 points
Noise Threshold : 100 µV
Area Threshold : 499.00 µV

Peak Separation Criteria
Width Ratio : 0.200
Valley-to-Peak Ratio : 0.010

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

Baseline Timed Events :
Event #1 - +CB at 0.244
Event #2 - +I at 1.297
Event #3 - S at 1.315
Event #4 - S at 4.371
Event #5 - S at 4.738
Event #6 - S at 6.995
Event #7 - -P at 7.056

Annotated Replot Parameters :
No replot will be printed

Report Format files :
No report format files given

User Programs :
User Program #1 : C:\TC4\GC16AB\RST_READ.EXE
Command Line : $RST
Entry Point : Post Analysis
Synchronize : NO

Global Information :
Default Sample Volume : 1.000 ml
Quantitation Units : ppm
Void Time : 0.000 min
Correct amounts during calibration : YES
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 5.313025e+06

Component Information :
C6-C7
Component Type : Single Peak Component
Retention Time : 2.890 min Search Window: 96.00 s, 47.00 %
Reference Component:
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: None
User Values:
Label :
Value 1: 0.100000
Value 2: 0.000000
Value 3: 1.000000
Value 4: 0.000000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	0.0500	35197.43	1280.76	----------	----------	1
2	0.2000	128817.37	4260.72	----------	----------	1
3	0.5000	317460.26	10562.82	----------	----------	1
4	1.0000	607208.81	20366.86	----------	----------	1
5	2.0000	1213241.56	40133.29	----------	----------	1
6	5.0000	2951248.90	96066.07	----------	----------	1

Calibration Curve : y = (17492.895840) + (588367.651324)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999895

SURR TFT
Component Type : Single Peak Component
Retention Time : 4.517 min Search Window: 1.00 s, 3.00 %
Reference Component:
Find peak closest to expected RT in window

Calibrating Area versus Amount using a 2nd Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: None
User Values:

Label :
Value 1: 0.000000
Value 2: 0.040000
Value 3: 0.040000
Value 4: 0.000000
Value 5: 2.000000
Value 6: 0.000000
Value 7: 108.018306

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	0.0100	19232.99	2280.36	----------	----------	1
2	0.0200	34349.25	3911.73	----------	----------	1
3	0.0300	55583.59	6174.89	----------	----------	1
4	0.0400	78179.20	8466.28	----------	----------	1
5	0.0600	130013.40	13729.19	----------	----------	1
6	0.0800	219409.91	21265.02	----------	----------	1

Calibration Curve : y = (12932.530607) + (578271.596207)x + (24645228.499680)x^2 + (0.000000)x^3
R-squared : 0.997584

C7-C8

Component Type : Single Peak Component
Retention Time : 6.679 min Search Window: 99.00 s, 37.00 %
Reference Component:
Find largest peak in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: None
User Values:

Label :
Value 1: 0.100000
Value 2: 0.000000
Value 3: 1.000000
Value 4: 0.000000
Value 5: 0.000000
Value 6: 0.000000
Value 7: -1.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	0.0500	13138.50	1357.25	----------	----------	1
2	0.2000	49729.18	4984.67	----------	----------	1
3	0.5000	132522.96	13096.13	----------	----------	1
4	1.0000	260248.34	25075.39	----------	----------	1
5	2.0000	534057.99	52361.64	----------	----------	1
6	5.0000	1319442.00	129648.91	----------	----------	1

Calibration Curve : y = (-682.038647) + (264369.279317)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999952

GASOLINE RANGE

Component Type : Named Group
Group Members:
C6-C7
C7-C8

Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: None
User Values:

Label :
Value 1: 0.100000
Value 2: 0.000000
Value 3: 1.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	0.0500	48335.93	2638.01	----------	----------	1
2	0.2000	178546.54	9245.40	----------	----------	1
3	0.5000	449983.21	23658.96	----------	----------	1
4	1.0000	867457.15	45442.25	----------	----------	1
5	2.0000	1747299.55	92494.92	----------	----------	1
6	5.0000	4270690.90	225714.99	----------	----------	1

Calibration Curve : y = (16810.857192) + (852736.930641)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999924

Software Version: 4.1<2F12>
Sample Name : 50/10PPB GAS /TFT
Sample Number: GAS ICAL
Operator :

Time : 9/20/00 05:12 PM
Study : ICAL 9/5/00

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

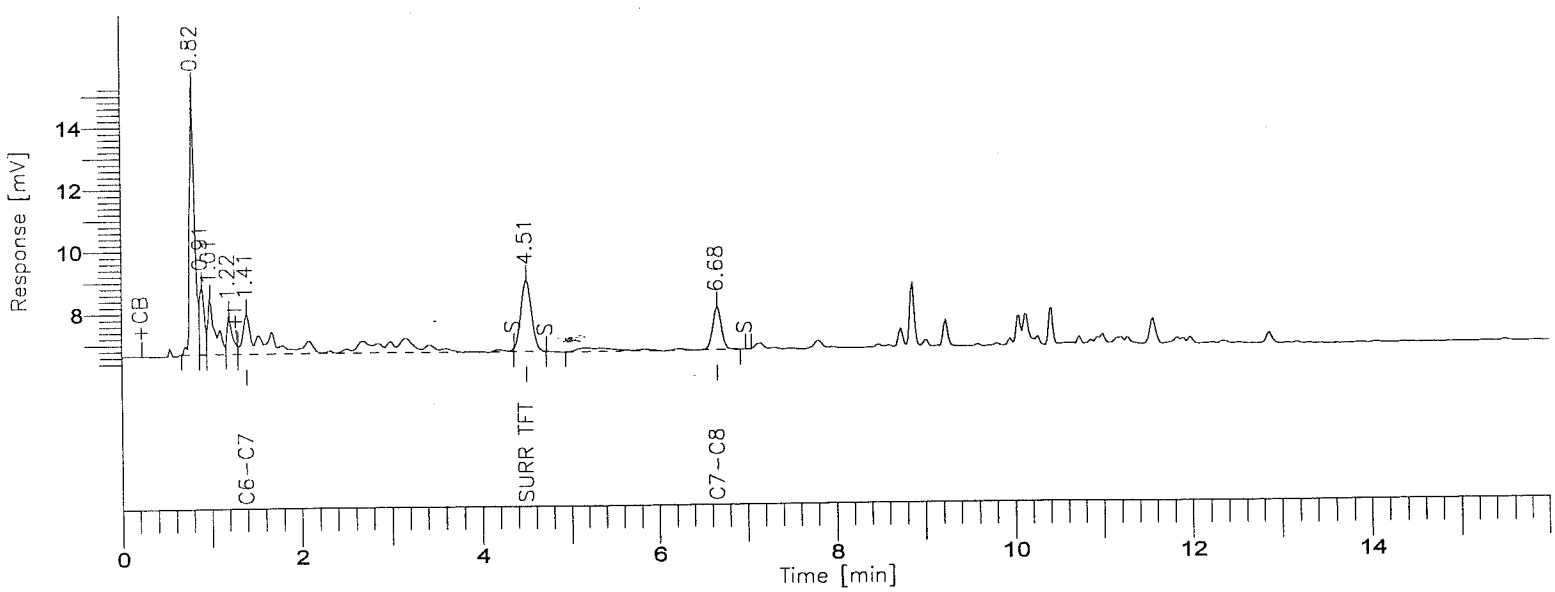
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 9/11/00 12:20 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\911A003.RAW
Result File : C:\TC4\GC16AB\911A003A.RST
Inst Method : C:\TC4\GC16AB\METHODS\911GAS from C:\TC4\GC16AB\911A003A.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Sequence File : C:\TC4\GC16AB\911.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000845

BOE-C6-0155510

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount
4.51	SURR TFT	19233	0.0050	12.4	0.00		0.0050
6.68	GASOLINE RANGE	48336	0.0388	-----	0.10		0.0388
		67569					0.0437

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount
1.41	C6-C7	35197	0.0373	-----	0.10		0.0373
6.68	C7-C8	13138	0.0396	-----	0.10		0.0396
		48336					0.0769

- LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\911A003A.TX0

Software Version: 4.1<2F12>
Sample Name : 200/20PPB GAS /TFT
Sample Number: GAS ICAL
Operator :

Time : 9/20/00 05:12 PM
Study : ICAL 9/5/00

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

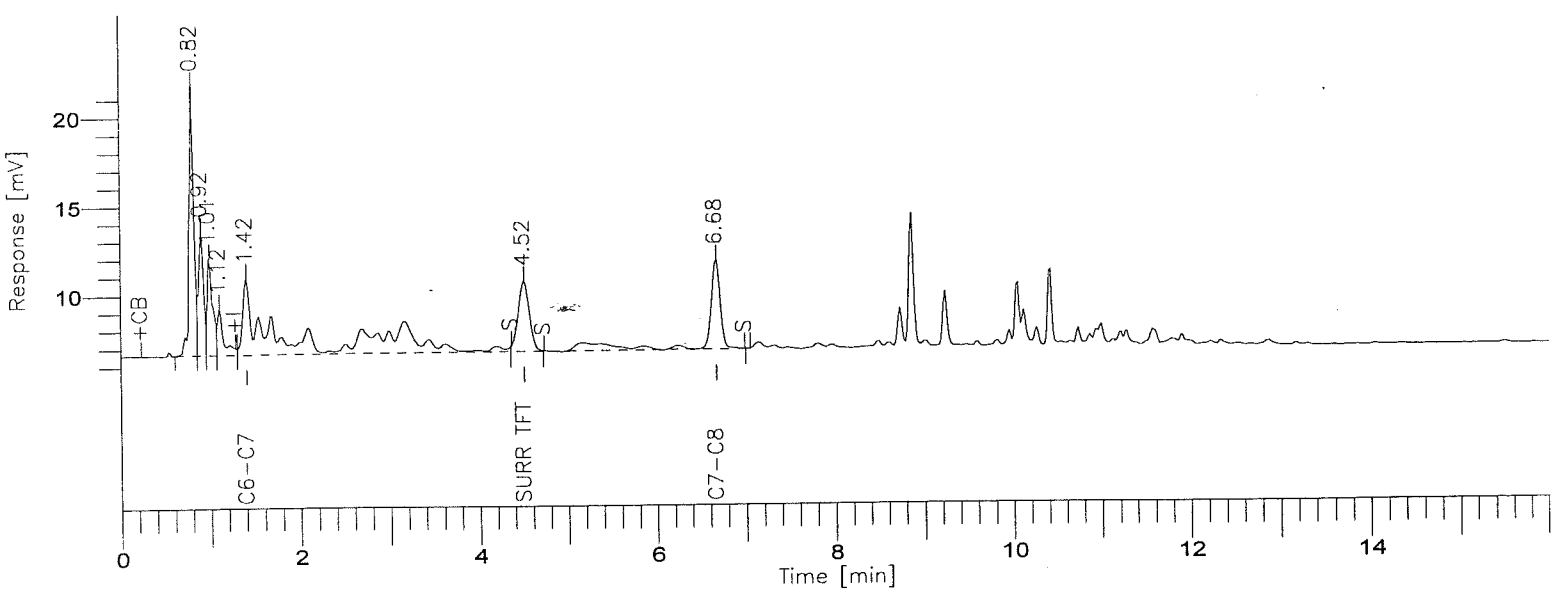
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 9/11/00 12:48 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\911A004.RAW
Result File : C:\TC4\GC16AB\911A004A.RST
Inst Method : C:\TC4\GC16AB\METHODS\911GAS from C:\TC4\GC16AB\911A004A.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Sequence File : C:\TC4\GC16AB\911.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000847

BOE-C6-0155512

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount
4.52	SURR TFT	34349	0.0200	50.0	0.00		0.0200
6.68	GASOLINE RANGE	178547	0.1152	-----	0.10		0.1152
		212896					0.1353

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount
1.42	C6-C7	128817	0.1873	-----	0.10		0.1873
6.68	C7-C8	49729	0.0735	-----	0.10		0.0735
		178547					0.2609

- LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\911A004A.TX0

Software Version: 4.1<2F12>
Sample Name : 500/30PPB GAS /TFT
Sample Number: GAS ICAL
Operator :

Time : 9/20/00 05:13 PM
Study : ICAL 9/5/00

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

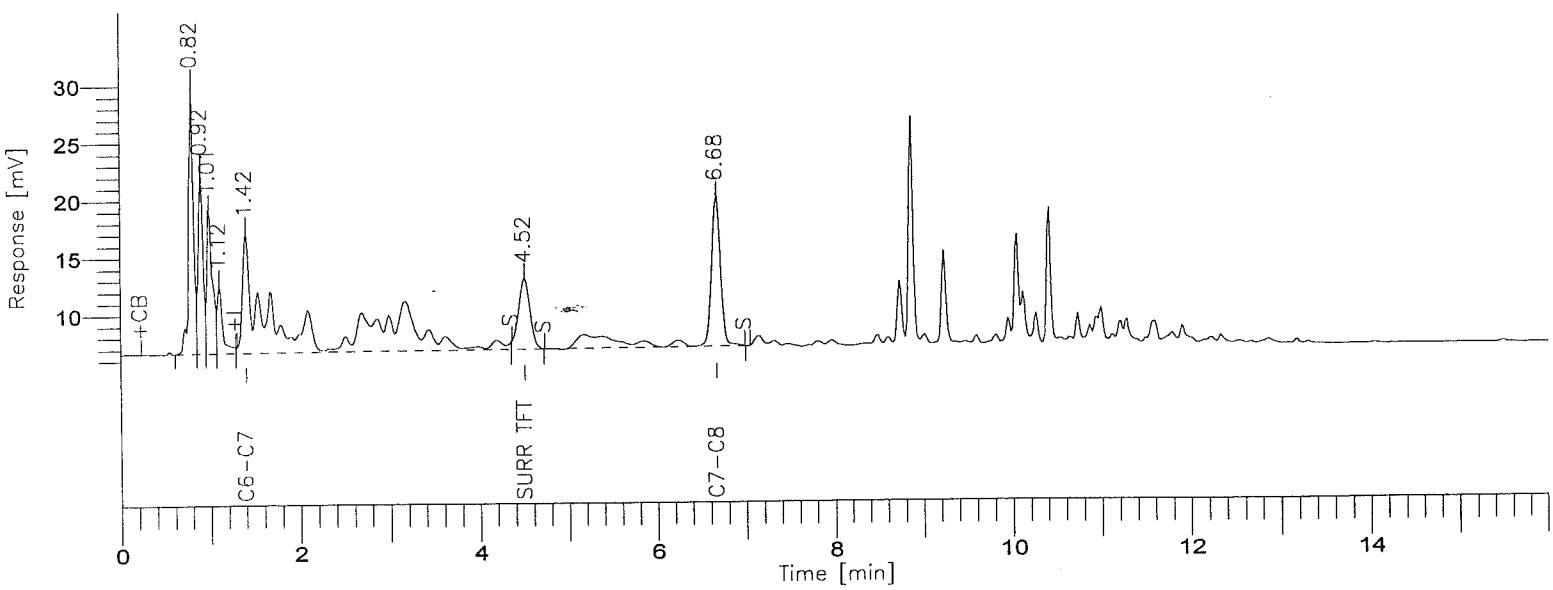
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 9/11/00 01:17 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\911A005.RAW
Result File : C:\TC4\GC16AB\911A005A.RST
Inst Method : C:\TC4\GC16AB\METHODS\911GAS from C:\TC4\GC16AB\911A005A.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Sequence File : C:\TC4\GC16AB\911.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000849

BOE-C6-0155514

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount
4.52	SURR TFT	55584	0.0309	77.3	0.00		0.0309
6.68	GASOLINE RANGE	449983	0.2746	-----	0.10		0.2746
		505567					0.3056

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount
1.42	C6-C7	317460	0.4897	-----	0.10		0.4897
6.68	C7-C8	132523	0.1503	-----	0.10		0.1503
		449983					0.6399

- LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\911A005A.TX0

Software Version: 4.1<2F12>
Sample Name : 1000/40PPB GAS /TFT
Sample Number: GAS ICAL
Operator :

Time : 9/20/00 05:13 PM
Study : ICAL 9/5/00

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

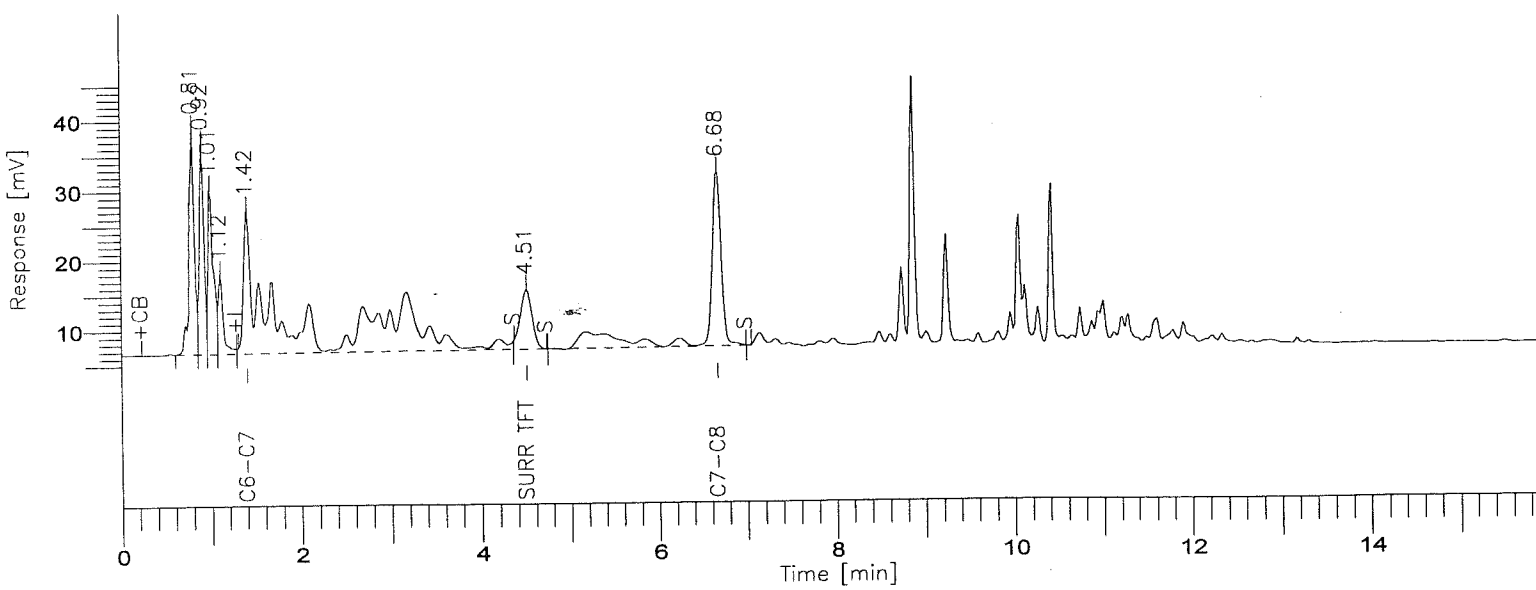
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 9/11/00 01:46 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\911A006.RAW
Result File : C:\TC4\GC16AB\911A006A.RST
Inst Method : C:\TC4\GC16AB\METHODS\911GAS from C:\TC4\GC16AB\911A006A.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Sequence File : C:\TC4\GC16AB\911.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000851

BOE-C6-0155516

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount
4.51	SURR TFT	78179	0.0395	98.7	0.00		0.0395
6.68	GASOLINE RANGE	867457	0.5198	-----	0.10		0.5198
		945636					0.5593

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount
1.42	C6-C7	607209	0.9540	-----	0.10		0.9540
6.68	C7-C8	260248	0.2687	-----	0.10		0.2687
		867457					1.2227

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\911A006A.TX0

Software Version: 4.1<2F12>
Sample Name : 2000/60PPB GAS /TFT
Sample Number: GAS ICAL
Operator :

Time : 9/20/00 05:15 PM
Study : ICAL 9/5/00

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

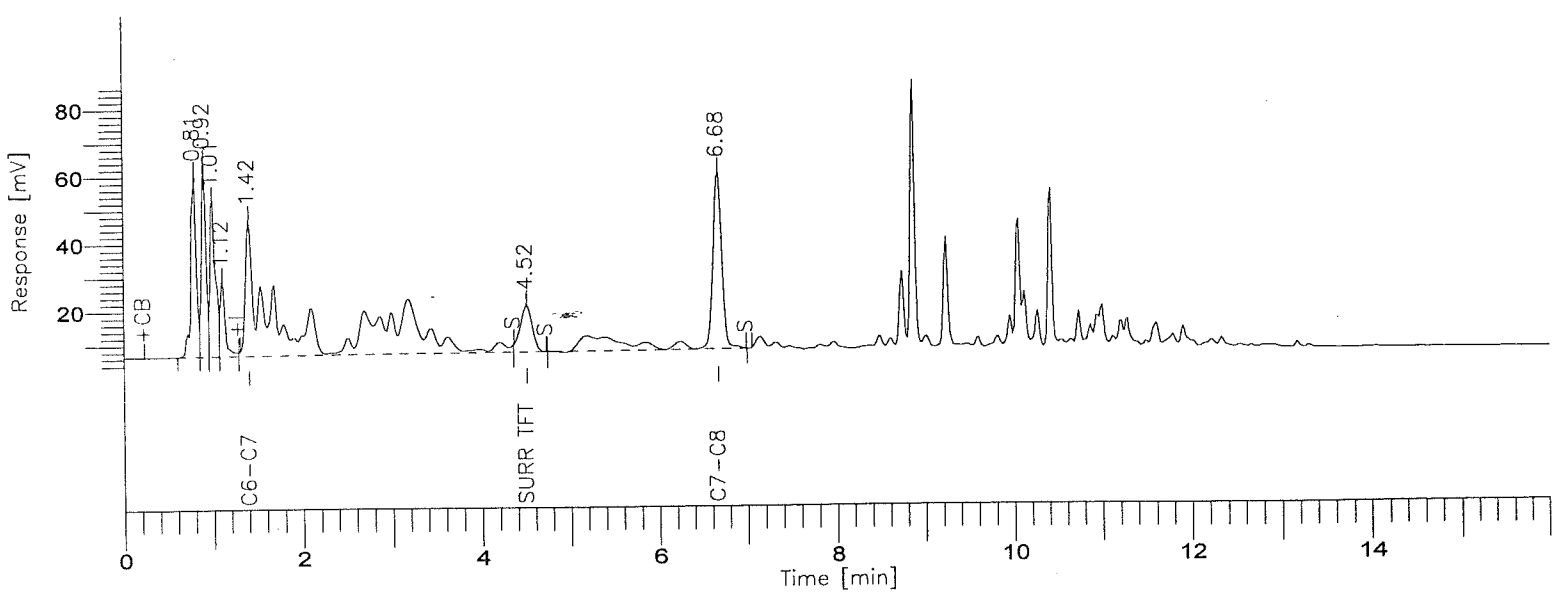
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 9/11/00 02:14 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\911A007.RAW
Result File : C:\TC4\GC16AB\911A007A.RST
Inst Method : C:\TC4\GC16AB\METHODS\911GAS from C:\TC4\GC16AB\911A007A.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Sequence File : C:\TC4\GC16AB\911.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000853

BOE-C6-0155518

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount
4.52	SURR TFT	130013	0.0543	135.7	0.00		0.0543
6.68	GASOLINE RANGE	1747300	1.0365	-----	0.10		1.0365
		1877313					1.0908

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount
1.42	C6-C7	1213242	1.9253	-----	0.10		1.9253
6.68	C7-C8	534058	0.5225	-----	0.10		0.5225
		1747300					2.4478

. .L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\911A007A.TX0

Software Version: 4.1<2F12>
Sample Name : 5000/80PPB GAS /TFT
Sample Number: GAS ICAL
(rator :

Time : 9/20/00 05:14 PM
Study : ICAL 9/5/00

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

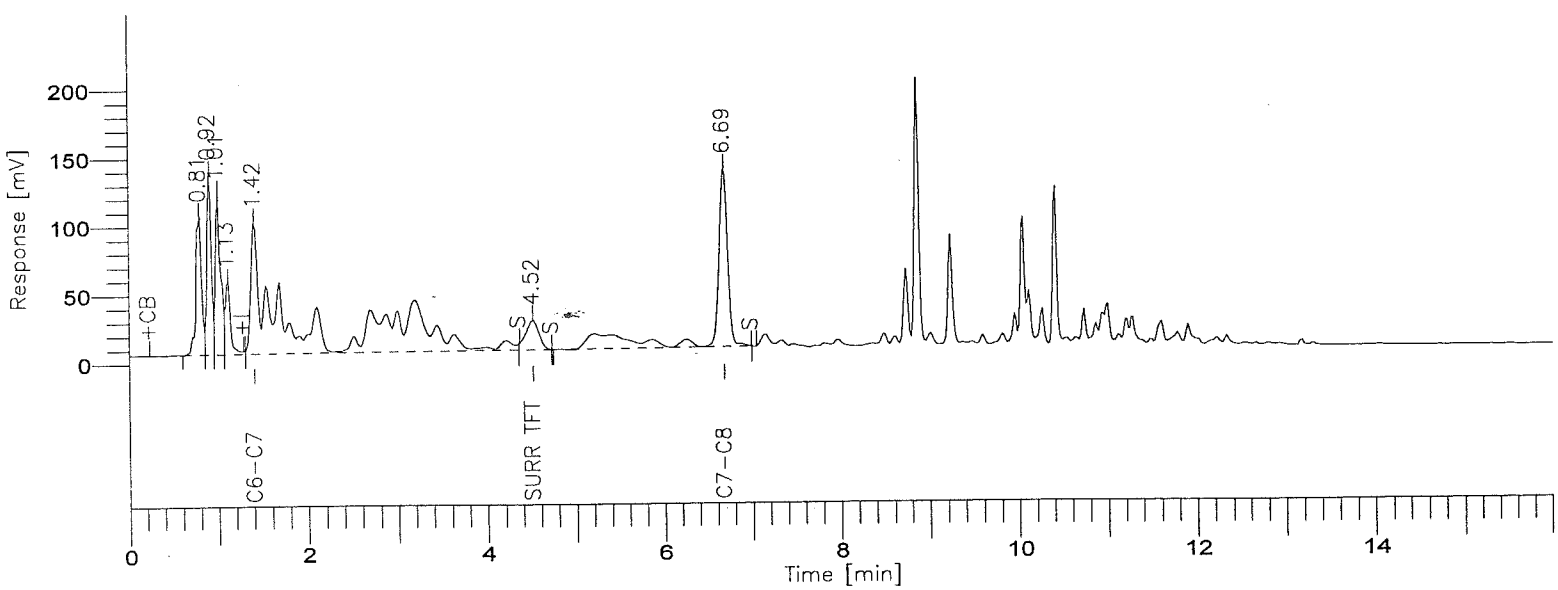
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 9/11/00 02:43 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\911A008.RAW
Result File : C:\TC4\GC16AB\911A008A.RST
Inst Method : C:\TC4\GC16AB\METHODS\911GAS from C:\TC4\GC16AB\911A008A.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Sequence File : C:\TC4\GC16AB\911.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000855

BOE-C6-0155520

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount
4.52	SURR TFT	219410	0.0732	183.1	0.00		0.0732
6.69	GASOLINE RANGE	4270691	2.5184	-----	0.10		2.5184
		4490101					2.5916

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount
1.42	C6-C7	2951249	4.7107	-----	0.10		4.7107
6.69	C7-C8	1319442	1.2504	-----	0.10		1.2504
		4270691					5.9612

[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\911A008A.TX0

Software Version: 4.1<2F12>
Sample Name : RT MARKER 9/5/00
Sample Number: RT MARKER
Operator :

Time : 9/11/00 12:04 PM
Study :

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

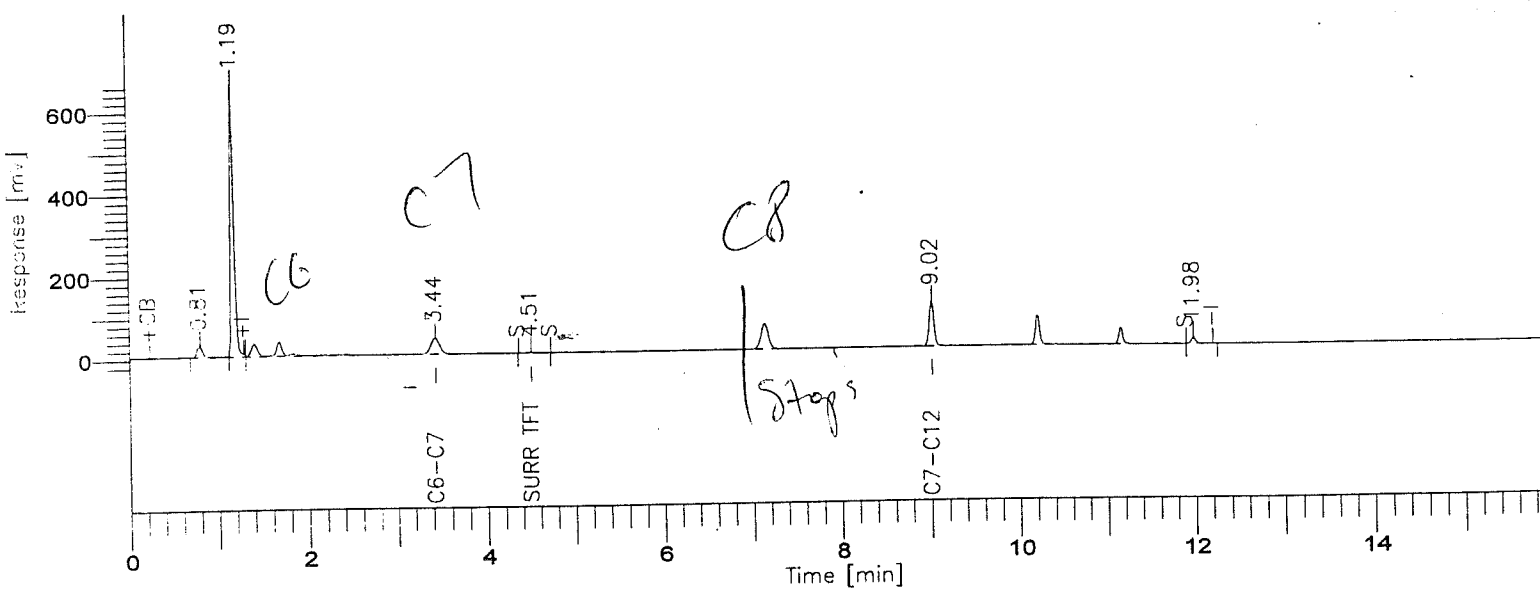
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 9/11/00 11:48 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\911A002.RAW
Result File : C:\TC4\GC16AB\911A002.RST
Inst Method : C:\TC4\GC16AB\METHODS\911GAS from C:\TC4\GC16AB\911A002.RST
Proc Method : C:\TC4\GC16AB\METHODS\911GAS
Calib Method : C:\TC4\GC16AB\METHODS\911GAS
Sequence File : C:\TC4\GC16AB\911.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

000857

BOE-C6-0155522

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
4.51	SURR TFT	7500	0.0000	0.0400	#####
9.02	GASOLINE RANGE	1712553	1.1706	1.0000	17.1
		1720053			

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
3.44	C6-C7	619425	1.0944	1.0000	9.4
9.02	C7-C12	1093127	1.2179	1.0000	21.8
		1712553			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\911A002.TX0

Software Version: 4.1<2F12>
Sample Name : 2ND SOURCE VERIF
Sample Number: 2ND SOURCE
Operator :

Time : 9/20/00 05:25 PM
Study : GAS 2ND SOURCE

Instrument : GC16AB
AutoSampler :
Rack/Vial : 0/0

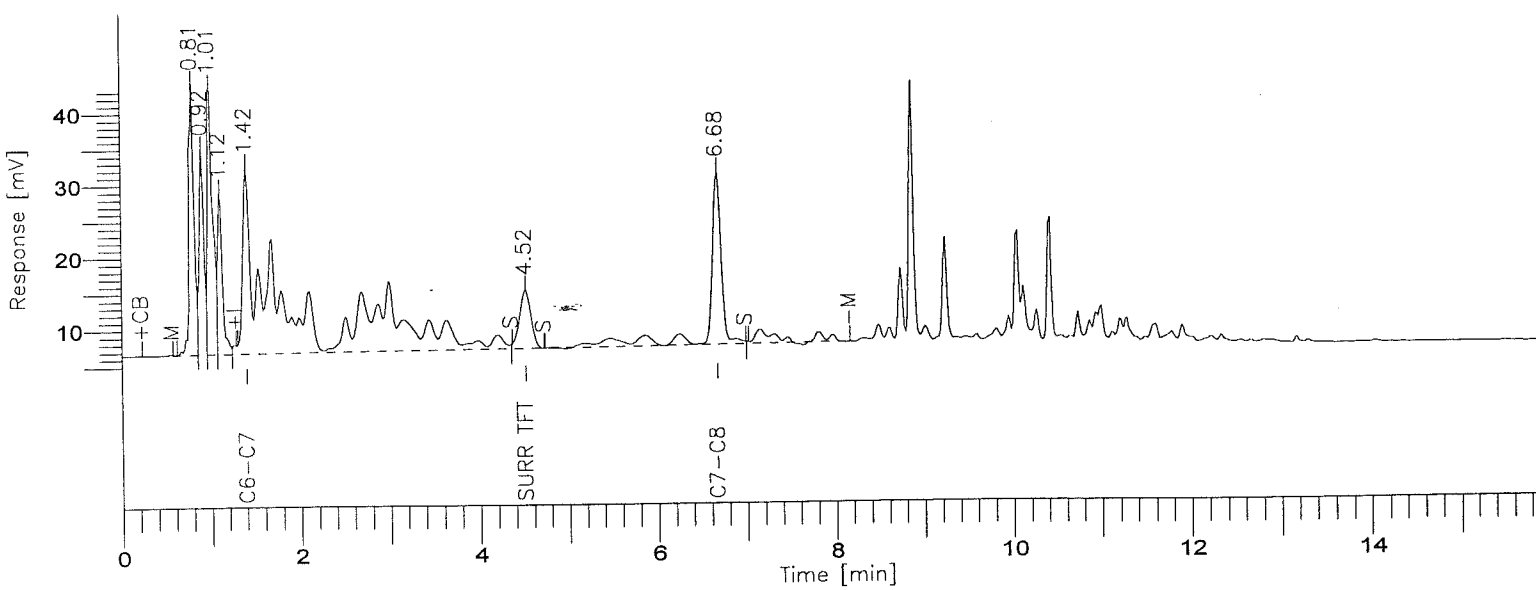
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 9/11/00 03:11 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\911A009.RAW
Result File : C:\WINDOWS\TEMP\~RST0772.RST
Inst Method : C:\TC4\GC16AB\METHODS\911GAS from C:\WINDOWS\TEMP\~RST0772.RS
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8.MTH
Sequence File : C:\TC4\GC16AB\911.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

GC-16/FID COLUMN: DB-624

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
1.42	GASOLINE RANGE	994838	1.1469	1.0000	14.7
4.52	SURR TFT	70718	0.0381	0.0400	-4.8
		1065556			

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
1.42	C6-C7	778147	1.2928	1.0000	29.3
6.68	C7-C8	216691	0.8222	1.0000	-17.8
		994838			

STL - LOS ANGELES

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0772.TX0

TEPH

LEVEL III

C8 TO C40+

BOE-C6-0155526

TEPH

SAMPLE AND QC DATA

$C_8 \rightarrow C_{40}$

Date(s) Analyzed: 10-10, 13, 14-00

Instrument ID: GC1 GC2 GC3

Lab #: EOJ040125

Batch #: 0279533

Samples: B, C, 1, 15, 1D, 2, 8, 9, 11, 12, 18, 19, 20, 21, 23, 24, 25, 27, 29, 30

EXTRACTION NOTES

BOE-C6-0155528

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/17/00
Time: 9:40:33

BOE-C6-0155529

LEV 1	LEV 2		LEV 1	LEV 2	
Y	Y	Blank	Y	Y	Weights/Volumes
Y	Y	Check	Y	Y	Spike & Surrogate Worksheet
Y	Y	MS/MSD	Y	Y	Vial contains correct volume
			Y	Y	Labels, greenbars, worksheets
					computer batch: correct & all match
			_	_	Anomalies to Extraction Method

	Expanded Deliverable
Y	COC Completed
Y	Bench Sheet Copied
Y	Package Submitted to AnalyticalGroup
Y	Bench Sheet Copied per COC

Extractionist: 355979 Cornelia Apahidean

Concentrationist: 355979 Cornelia Apahidean

QC BATCH: 0279533

PREP DATE: 10/05/00
COMP DATE: 10/05/00

000864

Reviewer/Date: APAHIDEC / 10/05/00

Hydrocarbons, Extractable Petroleum (8015B)
EXTRACTION, SOLID/SOLVENT (Auto shaker)

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
10/17/00	10/10/00	E0J040183-002 **DLHJE-1-03**	R	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040183-004 **DLHK7-1-03**	R	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-008 **DLH3J-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-009 **DLH3L-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-011 **DLH3N-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-012 **DLH3T-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-001 **DLH33-1-0PS**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1561-1DCS/5000PPM/1M TEPH1562-1SCS/250PPM/1ML
COMMENTS:															

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/17/00
Time: 9:40:14

QC BATCH: 0279533

PREP DATE: 10/05/00
COMP DATE: 10/05/00

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
10/17/00	10/10/00	E0J040125-001 **DLH33-1-0QD**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1561-1DCS/5000PPM/1M TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-001 **DLH33-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-002 **DLH39-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-020 **DLH4A-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-021 **DLH4D-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-023 **DLH4F-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-024 **DLH4J-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-018 **DLH47-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-019 **DLH48-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-025 **DLH5H-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															

000869

BOE-C6-0155530

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/17/00
Time: 9:40:33

****
* *
* QC BATCH: 0279533 *
* *
****

PREP DATE: 10/05/00
COMP DATE: 10/05/00

000866

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
10/17/00	10/10/00	E0J040125-027 DLH5M-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-029 DLH5T-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-030 DLH60-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	0/00/00	E0J050000-533 DLM0T-1-01B		0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	0/00/00	E0J050000-533 DLM0T-1-02C		0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1561-1DCS/5000PPM/1M TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	0/00/00	E0J050000-533 DLM0T-1-03B		0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	0/00/00	E0J050000-533 DLM0T-1-04C		0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															

SPKD BY: CA MECL2/T23272 NA2SO4/8024
METHOD: SOLID/SOLVENT EXTRACTION (AUTO SHAKER).
RELINQUISHED BY/DATE: CA 10-06-00 RECEIVED BY/DATE:

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS/MSD

NUMBER OF WORK ORDERS IN BATCH: 24

BOE-C6-0155531

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/05/00
Time: 18:29:26

LEV 1	LEV 2		LEV 1	LEV 2	
Y	Y	Blank	Y	Y	Weights/Volumes
Y	Y	Check	Y	Y	Spike & Surrogate Worksheet
Y	Y	MS/MSD	Y	Y	Vial contains correct volume
			Y	Y	Labels, greenbars, worksheets
					computer batch: correct & all match
			_	_	Anomalies to Extraction Method

Expanded Deliverable
Y COC Completed
Y Bench Sheet Copied
Y Package Submitted to AnalyticalGroup
Y Bench Sheet Copied per COC

Extractionist: 355979 Cornelia Apahidean

Concentrationist: 355979 Cornelia Apahidean

Reviewer/Date: APAHIDEC / 10/05/00

****
* QC BATCH: 0279533 *
****

PREP DATE: 10/05/00
COMP DATE: 10/05/00

000867

Hydrocarbons, Extractable Petroleum (8015B)
EXTRACTION, SOLID/SOLVENT (Auto shaker)

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
10/17/00	10/10/00	E0J040183-002 DLHJE-1-03	R	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040183-004 DLHK7-1-03	R	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-008 DLH3J-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-009 DLH3L-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-011 DLH3N-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-012 DLH3T-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-001 DLH33-1-0PS	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1561-1DCS/5000PPM/1M TEPH1562-1SCS/250PPM/1ML
COMMENTS:															

C-Chain

BOE-C6-0155532

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/05/00
Time: 18:29:26

****
* QC BATCH: 0279533 *
****

PREP DATE: 10/05/00
COMP DATE: 10/05/00

000868

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
10/17/00	10/10/00	E0J040125-001 DLH33-1-0QD	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1561-1DCS/5000PPM/1M TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-001 DLH33-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-002 DLH39-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-020 DLH4A-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-021 DLH4D-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-023 DLH4F-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-024 DLH4J-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-018 DLH47-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-019 DLH48-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-025 DLH5H-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															

BOE-C6-0155533

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/05/00
Time: 18:29:26

QC BATCH: 0279533

PREP DATE: 10/05/00
COMP DATE: 10/05/00

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
10/17/00	10/10/00	E0J040125-027 DLH5M-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-029 DLH5T-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	10/10/00	E0J040125-030 DLH60-1-02	DR	0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	0/00/00	E0J050000-533 DLM0T-1-01B		0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/17/00	0/00/00	E0J050000-533 DLM0T-1-02C		0B	KI	SOLID	20g 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1561-1DCS/5000PPM/1M TEPH1562-1SCS/250PPM/1ML
COMMENTS:															

SPKD BY: CA MECL2/T23272 NA2SO4/8024
METHOD: SOLID/SOLVENT EXTRACTION (AUTO SHAKER).
RELINQUISHED BY/DATE: CA 10-06-00 RECEIVED BY/DATE: EL 10-6-02

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS/MSD

NUMBER OF WORK ORDERS IN BATCH: 22

000863

BOE-C6-0155534

Turbochrom Sequence File : C:\TC4\DATA_01\013.SEQ
Created by : doug on : 10/12/00 02:28 PM
Edited by : EC on : 10/13/00 04:07 PM
Description :

Number of Times Edited : 13

Sequence File Header Information:

Number of Rows : 138
Instrument Type : 760 / 900 Series Intelligent Interface
Injection Type : SINGLE

FJK 10/12/00

Sequence Sample Descriptions - Channel A

Row	Type	Sample Name	Sample Number	Study Name	Sample Amount	ISTD Amount	Sample Volume	Dil. Factor	Mult	Divisor	Addend	Norm. factor
1	Sample	DAILY RT MAKER	C8-C40	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
2	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
3	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
4	Sample	262-05	DLGPW102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
5	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
6	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
7	Sample	262-05	DLGPW102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
8	Sample	262-06 rerun 5X	DLGPX102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
9	Sample	262-07 ↓ 50X	DLGQ0101	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
10	Sample	262-08	DLGQ1101	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
11	Sample	262-09 rerun 10X	DLGQ2101	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
12	Sample	262-11	DLGQ4101	ICAL 10/3/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
13	Sample	262-12	DLGQ5101	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
14	Sample	262-14 2X rerun 50X	DLGQ7101	ICAL 8/28/	1.000	1.000	1.000	2.000	5.000	20.000	0.000	100.000
15	Sample	262-16 rerun 5X	DLGQ9101	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
16	Sample	262-17	DLGQA102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
19	Sample	262-19	DLGQG102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
20	Sample	262-20 rerun	DLGQH102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
21	Sample	262-21 2X rerun 5X	DLGQJ102	ICAL 8/28/	1.000	1.000	1.000	2.000	5.000	20.000	0.000	100.000
22	Sample	262-22	DLGQM102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
23	Sample	262-23 5X rerun 10X	DLGQN102	ICAL 8/28/	1.000	1.000	1.000	5.000	5.000	20.000	0.000	100.000
24	Sample	125-02	DLH39102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
25	Sample	125-08	DLH3J102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
26	Sample	125-09	DLH3L102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
27	Sample	125-11	DLH3N102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
28	Sample	125-12	DLH3T102	ICAL 10/3/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
29	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
30	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
31	Sample	125-18 rerun	DLH47102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
32	Sample	125-19	DLH48102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
33	Sample	125-20	DLH4A102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
34	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
35	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
36	Sample	262-06 5X	DLGPX102	ICAL 8/28/	1.000	1.000	1.000	5.000	5.000	20.000	0.000	100.000
37	Sample	262-07 20X	DLGQ0101	ICAL 8/28/	1.000	1.000	1.000	20.000	5.000	20.000	0.000	100.000
38	Sample	262-09 10X	DLGQ2101	ICAL 8/28/	1.000	1.000	1.000	10.000	5.000	20.000	0.000	100.000
39	Sample	262-14 50X rerun 10X	DLGQ7101	ICAL 8/28/	1.000	1.000	1.000	50.000	5.000	20.000	0.000	100.000
40	Sample	262-16 5X	DLGQ9101	ICAL 8/28/	1.000	1.000	1.000	5.000	5.000	20.000	0.000	100.000
41	Sample	262-23 10X	DLGQN102	ICAL 8/28/	1.000	1.000	1.000	10.000	5.000	20.000	0.000	100.000
42	Sample	262-14 20X	DLGQ7101	ICAL 8/28/	1.000	1.000	1.000	20.000	5.000	20.000	0.000	100.000
43	Std Check	MECL2	MECL2	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
44	Sample	262-19	DLGQG102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
45	Sample	262-20	DLGQH102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
46	Sample	262-21 5X	DLGQJ102	ICAL 8/28/	1.000	1.000	1.000	5.000	5.000	20.000	0.000	100.000
47	Sample	262-22	DLGQM102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
48	Sample	262-14 10X	DLGQ7101	ICAL 8/28/	1.000	1.000	1.000	10.000	5.000	20.000	0.000	100.000
49	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
50	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
51	Sample	125-02	DLH39102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample	125-08	DLH3J102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample	125-09	DLH3L102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
54	Sample	125-11	DLH3N102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
55	Sample	125-12	DLH3T102	ICAL 10/3/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
56	Sample	125-18	DLH47102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
57	Sample	125-19	DLH48102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
58	Sample	125-20	DLH4A102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
59	Sample	125-21	DLH4D102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
60	Sample	125-23	DLH4F102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000

61	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
62	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
63	Sample	125-24	DLH4J102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
64	Sample	125-25	DLH4J102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
65	Sample	125-27	DLH5M102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
66	Sample	125-29	DLH5T102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
67	Sample	125-30	DLH60102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
68	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
69	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
70	Sample	314-MB	DLT8Q101B	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
71	Sample	314-LCS	DLT8Q102C	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
72	Sample	314-LCD	DLT8Q103L	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
73	Sample	314-11	DLPJ910M	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	981.000	0.000	100.000
74	Sample	314-MB	DLTDA101B	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
75	Sample	314-LCS	DLTDA102C	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
76	Sample	314-26	DLPKW101	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
77	Sample	314-27	DLPL0101	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
78	Sample	329-01	DLPGD102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
79	Sample	329-01MS	DLPGD11WS	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
80	Sample	329-01 MSD	DLPGD11XD	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
81	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
82	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
83	Sample	314-MB	DLTC6101B	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
84	Sample	314-LCS	DLTC6102C	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
85	Sample	314-02	DLPFK102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
86	Sample	314-02 MS	DLPFK10WS	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
87	Sample	314-02 MSD	DLPFK10XD	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
88	Sample	314-03	DLPGV102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
89	Sample	314-04	DLPH4102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
90	Sample	314-05	DLPHH102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
91	Sample	314-07	DLPHW102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
92	Sample	314-09	DLPJ4102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
93	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
94	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
95	Sample	314-10	DLPJ7102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
96	Sample	314-12	DLPJR102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
97	Sample	314-13	DLPK1102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
98	Sample	314-14	DLPK3102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
99	Sample	314-15	DLPK5102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
100	Sample	314-16	DLPK7102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
101	Sample	314-17	DLPK8102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
102	Sample	314-18	DLPKC102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
103	Sample	314-19	DLPKD102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample	314-21	DLPKH102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
105	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
106	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
107	Sample	314-22	DLPKN102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
108	Sample	314-23	DLPKP102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
109	Sample	314-24	DLPKQ101	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
110	Sample	314-25	DLPKR101	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
111	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
112	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
113	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
114	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
115	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
116	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
117	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
118	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
119	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
120	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
121	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
122	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
123	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
124	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
125	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
126	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
127	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
128	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
129	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
130	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
131	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
132	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
133	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
134	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
135	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
136	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
137	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
138	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000

Sequence aborted & made a new one 10-16-20

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/16/00 10:52 AM
Sample Number: 1000 PPM Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 04:08 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

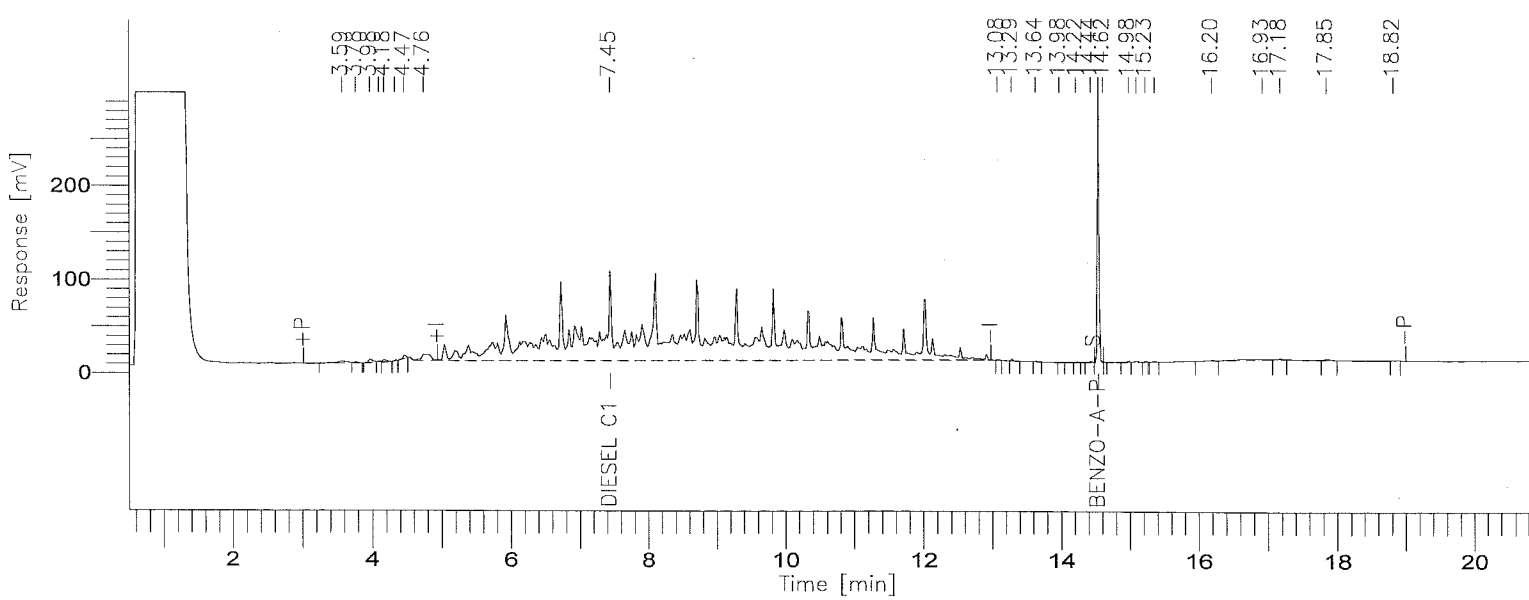
Raw Data File : C:\TC4\DATA_01\O13_049.RAW
Result File : C:\TC4\DATA_01\O13_049.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_049.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_049.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_049.R
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 26



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8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.585		23120	0.0231	------	----------
3.778		5423	0.0054	------	----------
3.984		15939	0.0159	------	----------
4.107		3966	0.0040	------	----------
4.181		12081	0.0121	------	----------
4.341		3394	0.0034	------	----------
4.474		10746	0.0107	------	----------
4.757		59936	0.0599	------	----------
7.453	DIESEL C10-C24	8350807	1129.7216	1000.0	12.97
13.083		2163	0.0022	------	----------
13.285		3673	0.0037	------	----------
13.638		1930	0.0019	------	----------
13.980		490	0.0005	------	----------
14.222		2726	0.0027	------	----------
1.437		3170	0.0032	------	----------
14.549	BENZO-A-PYRENE	528440	50.0758	50.0	0.15
14.617		315	0.0003	------	----------
14.984		2913	0.0029	------	----------
15.101		3646	0.0036	------	----------
15.234		2205	0.0022	------	----------
15.363		2308	0.0023	------	----------
16.198		5347	0.0053	------	----------
16.929		31790	0.0318	------	----------
17.179		4154	0.0042	------	----------
17.850		5841	0.0058	------	----------
18.821		925	0.0009	------	----------
		9087449	1180.0056		

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_049.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/16/00 10:52 AM
Sample Number: 30 PPM Study : ICAL 10/3/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 04:38 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

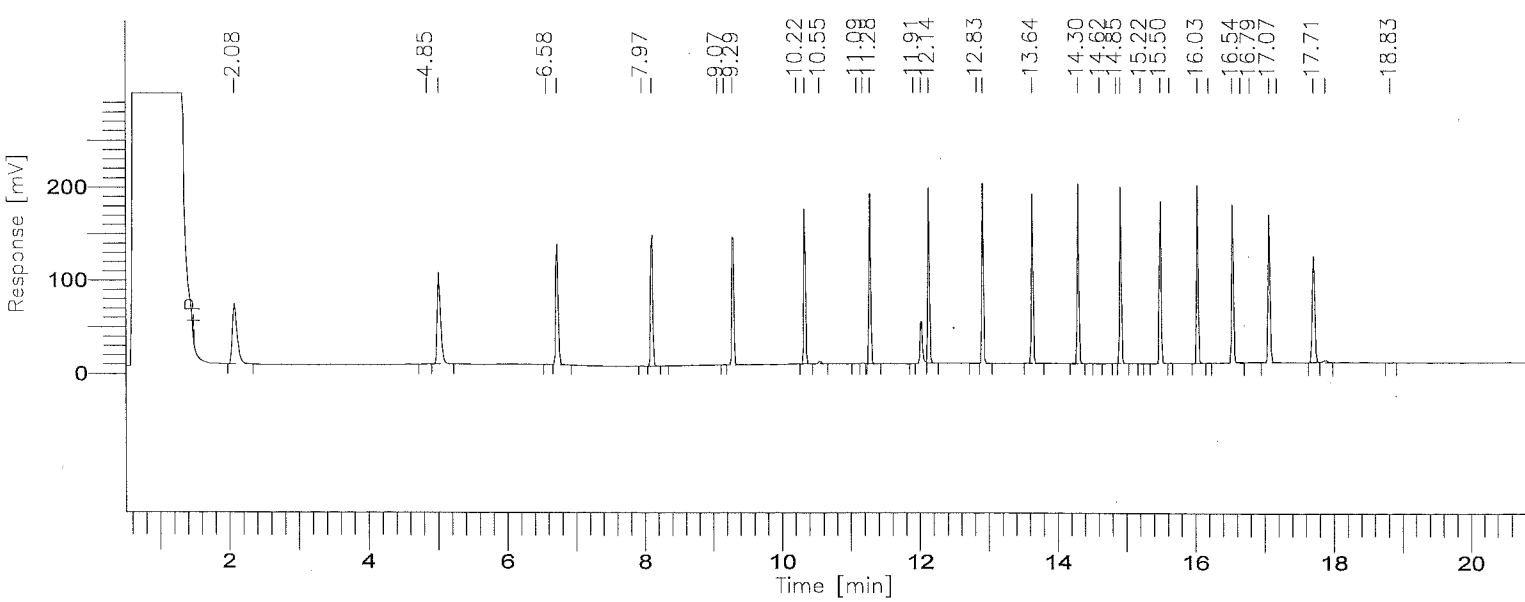
Raw Data File : C:\TC4\DATA_01\O13_050.RAW
Result File : C:\TC4\DATA_01\O13_050.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O13_050.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O13_050.RS
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O13_050.RS
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 39



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8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.446	C8-C9	309079	30.9331	30.0	3.11
5.771	C10-C11	323111	30.6225	30.0	2.07
7.314	C12-C13	320329	29.8505	30.0	-0.50
8.586	C14-C15	318081	26.4058	30.0	-11.98
9.691	C16-C17	324208	29.9541	30.0	-0.15
10.720	C18-C19	310387	25.8455	30.0	-13.85
12.018	C20-C23	723246	33.3097	30.0	11.03
13.534	C24-C27	612294	29.1716	30.0	-2.76
14.819	C28-C31	615684	28.6792	30.0	-4.40
15.898	C32-C35	614982	28.5673	30.0	-4.78
16.989	C36-C39	629918	29.4104	30.0	-1.97
19.290	C40+	306904	29.7259	30.0	-0.91
		5408224	352.4756		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.084		307587	0.3076	------	----------
4.853		1492	0.0015	------	----------
		309079	0.3091		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.019		321322	0.3213	------	----------
6.577		1789	0.0018	------	----------
		323111	0.3231		

Group Report For : C12-C13

Time	Component	Area	ACTUAL	TRUE	%

[min]	Name	[µV·s]	VALUE (PPM)	VALUE	D
6.729		318643	0.3186	------	----------
7.968		1686	0.0017	------	----------
		320329	0.3203		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.110		309086	0.3091	------	----------
9.068		8996	0.0090	------	----------
		318081	0.3181		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.165		2548	0.0025	------	----------
9.292		305855	0.3059	------	----------
10.220		15805	0.0158	------	----------
		324208	0.3242		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
10.337		300885	0.3009	------	----------
10.553		7081	0.0071	------	----------
11.086		722	0.0007	------	----------
11.177		1700	0.0017	------	----------
		310387	0.3104		

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.282		301420	0.3014	------	----------
11.911		724	0.0007	------	----------
12.025		116258	0.1163	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.135		304843	0.3048	------	----------
		723246	0.7232		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.831		871	0.0009	------	----------
12.918		303898	0.3039	------	----------
13.636		307526	0.3075	------	----------
		612294	0.6123		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.301		307554	0.3076	------	----------
14.617		1000	0.0010	------	----------
14.853		588	0.0006	------	----------
14.918		306119	0.3061	------	----------
15.215		422	0.0004	------	----------
		615684	0.6157		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.497		308367	0.3084	------	----------
15.629		728	0.0007	------	----------
16.033		305214	0.3052	------	----------
16.197		674	0.0007	------	----------
		614982	0.6150		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D

16.537	308329	0.3083	------	----------
16.653	3442	0.0034	------	----------
16.788	5259	0.0053	------	----------
17.068	310166	0.3102	------	----------
17.179	2722	0.0027	------	----------
	629918	0.6299		

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.712		296464	0.2965	------	----------
17.884		9564	0.0096	------	----------
18.827		876	0.0009	------	----------
		306904	0.3069		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

Timed Event Table

Time	Event	Value
0.131	-P	
1.500	P	
23.390	-P	

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_050.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/16/00 10:54 AM
Sample Number: 1000 PPM Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 10:10 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

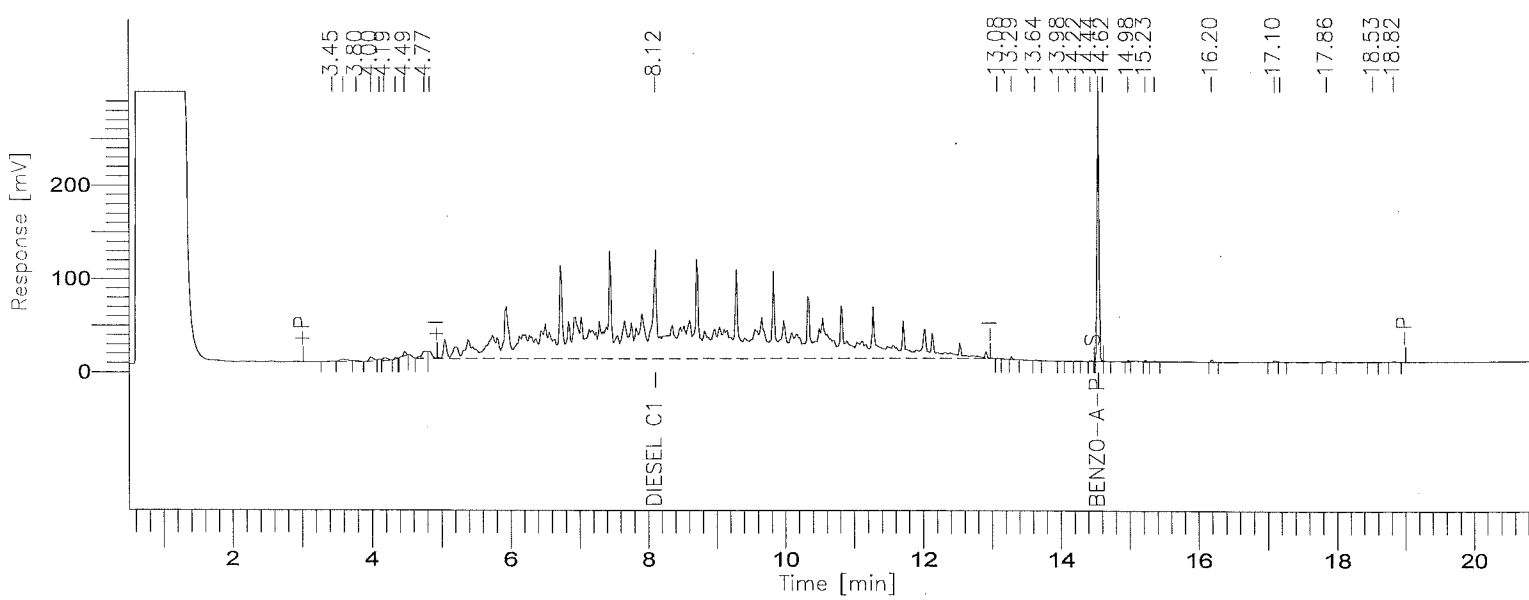
Raw Data File : C:\TC4\DATA_01\O13_061.RAW
Result File : C:\TC4\DATA_01\O13_061.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_061.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_061.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_061.R
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 28



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BOE-C6-0155544

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.452		6171	0.0062	------	----------
3.605		23273	0.0233	------	----------
3.795		7160	0.0072	------	----------
4.001		20403	0.0204	------	----------
4.119		5053	0.0051	------	----------
4.191		14998	0.0150	------	----------
4.355		4527	0.0045	------	----------
4.485		14037	0.0140	------	----------
4.772		49292	0.0493	------	----------
4.844		25900	0.0259	------	----------
8.115	DIESEL C10-C24	10337243	1398.4525	1000.0	39.85
13.082		2116	0.0021	------	----------
13.286		4593	0.0046	------	----------
13.637		1873	0.0019	------	----------
3.980		581	0.0006	------	----------
14.219		2439	0.0024	------	----------
14.437		3004	0.0030	------	----------
14.549	BENZO-A-PYRENE	641140	60.7554	50.0	21.51
14.617		888	0.0009	------	----------
14.984		2842	0.0028	------	----------
15.234		2513	0.0025	------	----------
15.363		2688	0.0027	------	----------
16.196		4858	0.0049	------	----------
17.100		3901	0.0039	------	----------
17.179		1194	0.0012	------	----------
17.858		3648	0.0036	------	----------
18.534		730	0.0007	------	----------
18.823		2104	0.0021	------	----------
		11189169	1459.4187		

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_061.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/13/00 10:31 PM
Sample Number: 1000 PPM Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 10:10 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

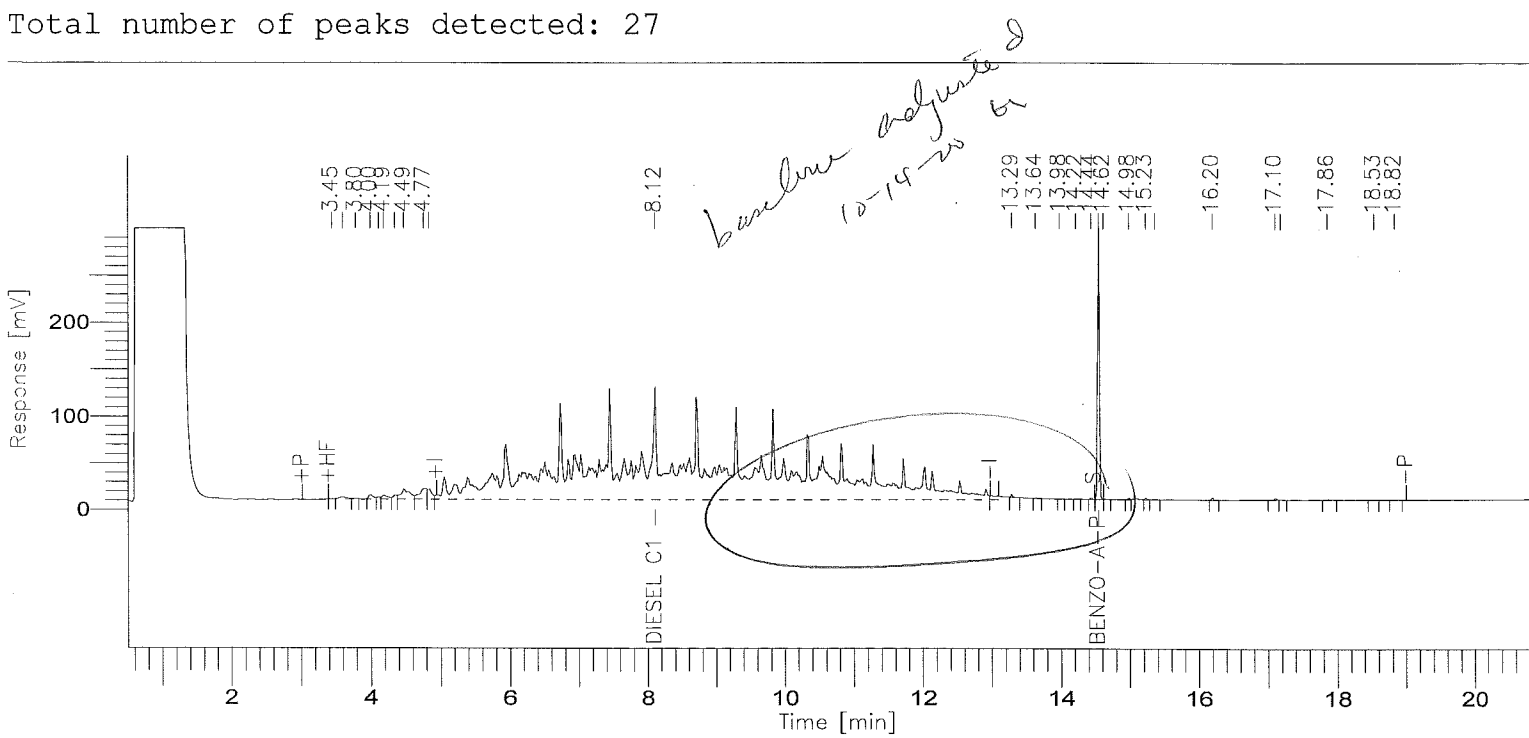
Raw Data File : C:\TC4\DATA_01\O13_061.RAW
Result File : C:\TC4\DATA_01\O13_061.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_061.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 27



000881

BOE-C6-0155546

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.452		1512	0.0015	------	----------
3.605		16761	0.0168	------	----------
3.795		4409	0.0044	------	----------
4.001		20602	0.0206	------	----------
4.119		6742	0.0067	------	----------
4.191		22083	0.0221	------	----------
4.355		15274	0.0153	------	----------
4.485		90975	0.0910	------	----------
4.772		83668	0.0837	------	----------
4.844		44053	0.0441	------	----------
8.115	DIESEL C10-C24	12003964	1623.9313	1000.0	62.39
13.286		4593	0.0046	------	----------
13.637		1873	0.0019	------	----------
13.980		581	0.0006	------	----------
1.219		2439	0.0024	------	----------
14.437		3004	0.0030	------	----------
14.549	BENZO-A-PYRENE	641140	60.7554	50.0	21.51
14.617		888	0.0009	------	----------
14.984		2842	0.0028	------	----------
15.234		2513	0.0025	------	----------
15.363		2688	0.0027	------	----------
16.196		4858	0.0049	------	----------
17.100		3901	0.0039	------	----------
17.179		1194	0.0012	------	----------
17.858		3648	0.0036	------	----------
18.534		730	0.0007	------	----------
18.823		2104	0.0021	------	----------
		12989039	1685.0307		

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_061.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/13/00 11:01 PM
Sample Number: 30 PPM Study : ICAL 10/3/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 10:40 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

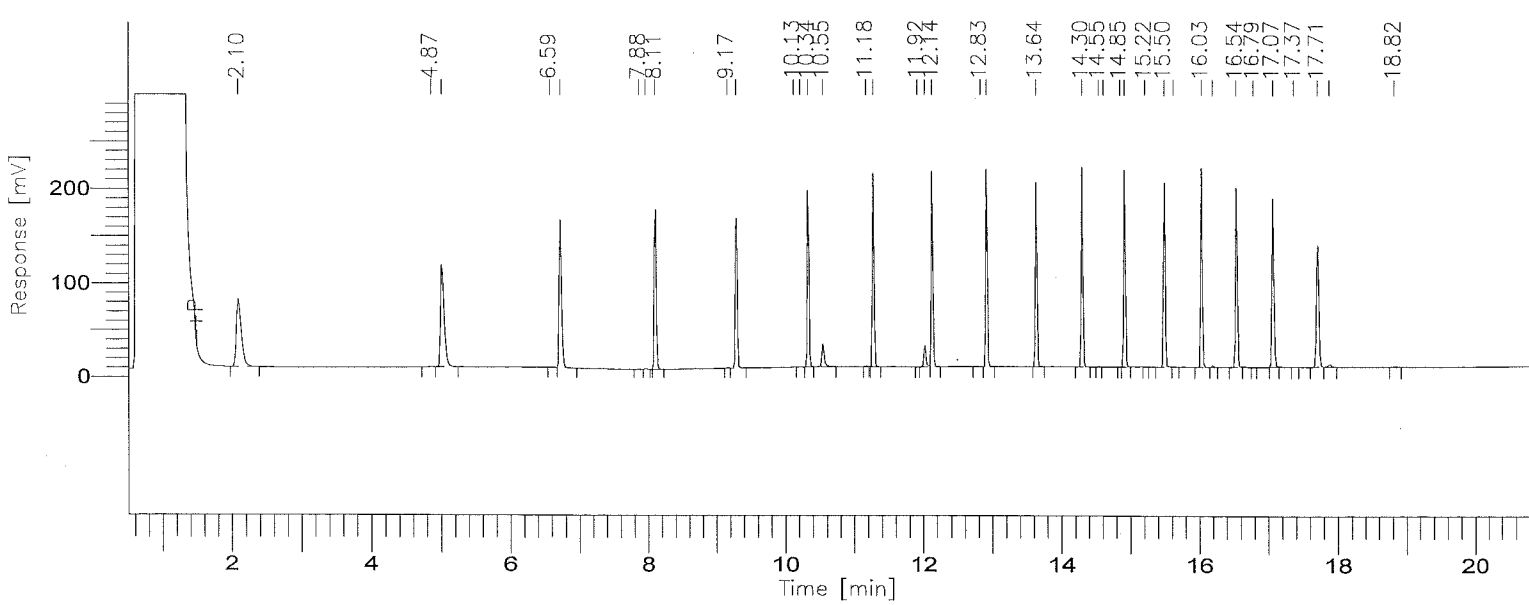
Raw Data File : C:\TC4\DATA_01\O13_062.RAW
Result File : C:\TC4\DATA_01\O13_062.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O13_062.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 39



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BOE-C6-0155548

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.446	C8-C9	363902	36.4198	30.0	21.40
5.772	C10-C11	385292	36.5157	30.0	21.72
7.314	C12-C13	374952	34.9406	30.0	16.47
8.586	C14-C15	357702	29.6950	30.0	-1.02
9.692	C16-C17	355483	32.8436	30.0	9.48
10.720	C18-C19	399375	33.2554	30.0	10.85
12.018	C20-C23	735572	33.8774	30.0	12.92
13.534	C24-C27	688728	32.8131	30.0	9.38
14.819	C28-C31	694302	32.3413	30.0	7.80
15.898	C32-C35	695548	32.3097	30.0	7.70
16.990	C36-C39	692120	32.3146	30.0	7.72
19.290	C40+	346920	33.6016	30.0	12.01
		6089894	400.9278		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.104		362006	0.3620	------	----------
4.869		1895	0.0019	------	----------
		363902	0.3639		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.023		383308	0.3833	------	----------
6.586		1984	0.0020	------	----------
		385292	0.3853		

Group Report For : C12-C13

Time	Component	Area	ACTUAL	TRUE	%

[min]	Name	[µV·s]	VALUE (PPM)	VALUE	D
6.732		372540	0.3725	------	----------
7.881		599	0.0006	------	----------
7.972		1813	0.0018	------	----------
		374952	0.3750		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.112		357702	0.3577	------	----------
		357702	0.3577		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.166		1679	0.0017	------	----------
9.293		348861	0.3489	------	----------
10.128		3716	0.0037	------	----------
10.221		1227	0.0012	------	----------
		355483	0.3555		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
10.337		339811	0.3398	------	----------
10.551		57608	0.0576	------	----------
11.178		1956	0.0020	------	----------
		399375	0.3994		

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.282		340930	0.3409	------	----------
11.916		266	0.0003	------	----------
12.029		52759	0.0528	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.136		341617	0.3416	------	----------
		735572	0.7356		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.828		958	0.0010	------	----------
12.918		342171	0.3422	------	----------
13.637		345599	0.3456	------	----------
		688728	0.6887		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.302		346798	0.3468	------	----------
14.546		496	0.0005	------	----------
14.617		949	0.0009	------	----------
14.852		643	0.0006	------	----------
14.919		345066	0.3451	------	----------
15.215		348	0.0003	------	----------
		694302	0.6943		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.497		347378	0.3474	------	----------
15.629		829	0.0008	------	----------
16.033		343592	0.3436	------	----------
16.196		3749	0.0037	------	----------
		695548	0.6955		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D

16.537	343160	0.3432	------	----------
16.787	454	0.0005	------	----------
17.068	348088	0.3481	------	----------
17.372	418	0.0004	------	----------
	692120	0.6921		

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.712		335543	0.3355	------	----------
17.884		9424	0.0094	------	----------
18.823		1952	0.0020	------	----------
		346920	0.3469		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

Timed Event Table

Time	Event	Value
0.131	-P	
1.500	P	
23.390	-P	

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_062.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/16/00 10:57 AM
Sample Number: 1000 PPM Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/14/00 01:39 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

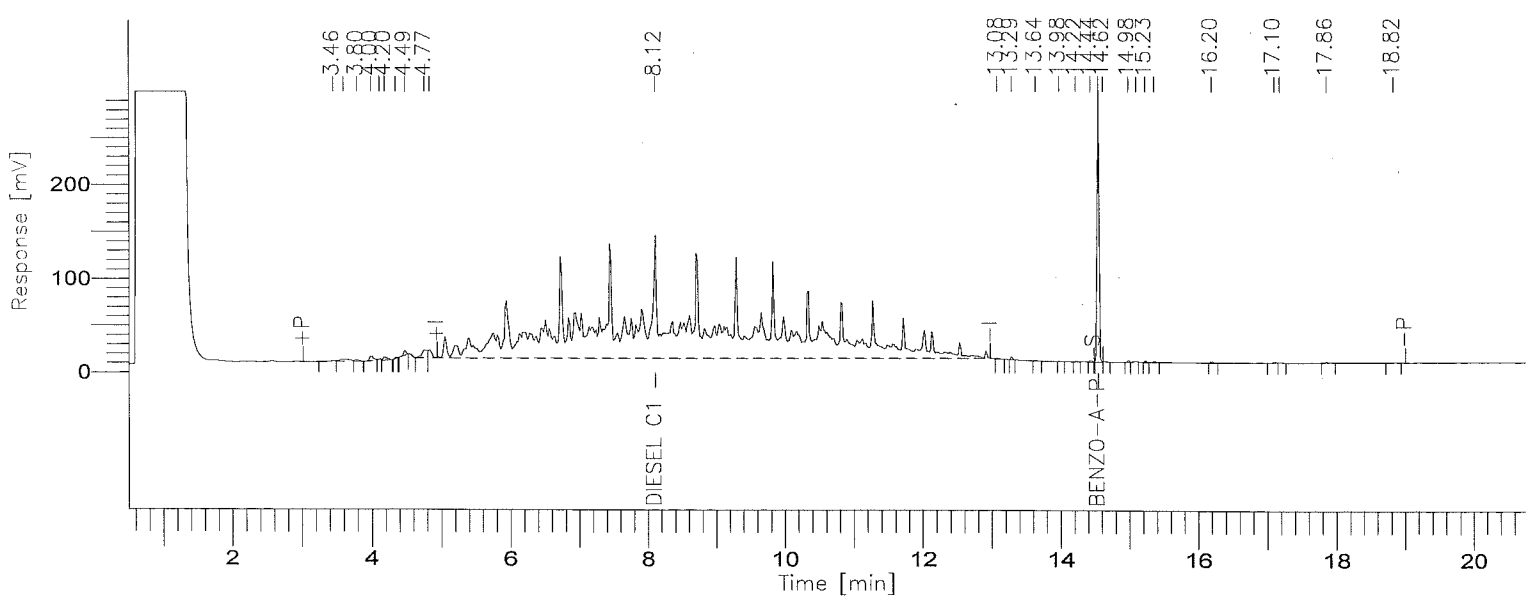
Raw Data File : C:\TC4\DATA_01\O13_068.RAW
Result File : C:\TC4\DATA_01\O13_068.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_068.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_068.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_068.R
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 28



8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.460		6617	0.0066	------	----------
3.609		26595	0.0266	------	----------
3.798		7109	0.0071	------	----------
4.003		22317	0.0223	------	----------
4.121		5673	0.0057	------	----------
4.195		16862	0.0169	------	----------
4.356		4717	0.0047	------	----------
4.487		15322	0.0153	------	----------
4.771		52587	0.0526	------	----------
4.845		29023	0.0290	------	----------
8.115	DIESEL C10-C24	11323945	1531.9364	1000.0	53.19
13.082		3390	0.0034	------	----------
13.286		4835	0.0048	------	----------
13.638		2067	0.0021	------	----------
13.980		701	0.0007	------	----------
14.219		2651	0.0027	------	----------
14.438		3250	0.0032	------	----------
14.550	BENZO-A-PYRENE	701126	66.4398	50.0	32.88
14.617		1054	0.0011	------	----------
14.984		3244	0.0032	------	----------
15.100		4172	0.0042	------	----------
15.234		2773	0.0028	------	----------
15.364		2964	0.0030	------	----------
16.198		3562	0.0036	------	----------
17.101		3293	0.0033	------	----------
17.180		1248	0.0012	------	----------
17.859		3803	0.0038	------	----------
18.824		2544	0.0025	------	----------
		12257446	1598.6086		

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_068.TXO

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/14/00 02:00 AM
Sample Number: 1000 PPM Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/14/00 01:39 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

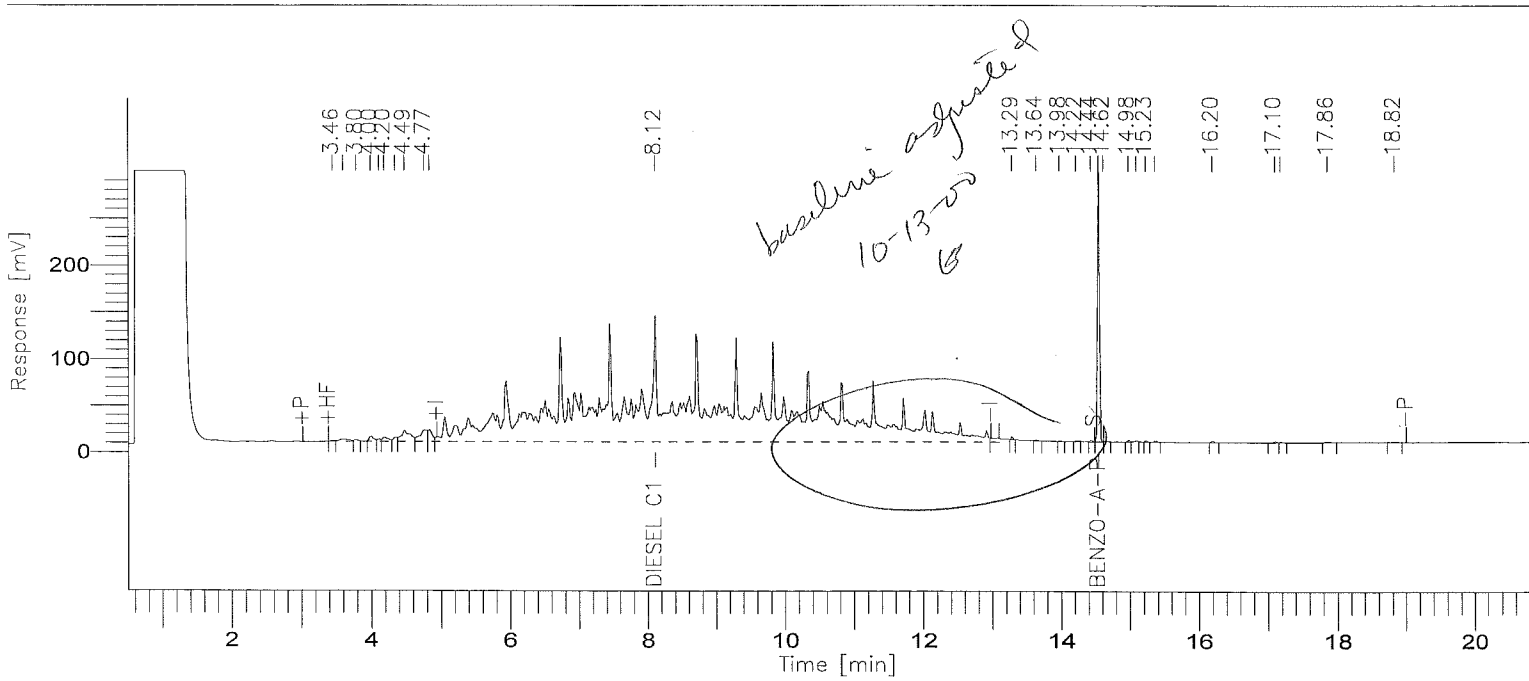
Raw Data File : C:\TC4\DATA_01\O13_068.RAW
Result File : C:\TC4\DATA_01\O13_068.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_068.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 27



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BOE-C6-0155555

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.460		2053	0.0021	------	----------
3.609		20022	0.0200	------	----------
3.798		4840	0.0048	------	----------
4.003		23000	0.0230	------	----------
4.121		7622	0.0076	------	----------
4.195		24708	0.0247	------	----------
4.356		16578	0.0166	------	----------
4.487		100219	0.1002	------	----------
4.771		90675	0.0907	------	----------
4.845		49308	0.0493	------	----------
8.115	DIESEL C10-C24	13075072	1768.8340	1000.0	76.88
13.286		4834	0.0048	------	----------
13.638		2066	0.0021	------	----------
13.980		701	0.0007	------	----------
1.219		2651	0.0027	------	----------
14.438		3250	0.0032	------	----------
14.550	BENZO-A-PYRENE	701126	66.4398	50.0	32.88
14.617		1054	0.0011	------	----------
14.984		3244	0.0032	------	----------
15.100		4172	0.0042	------	----------
15.234		2773	0.0028	------	----------
15.364		2964	0.0030	------	----------
16.198		3562	0.0036	------	----------
17.101		3293	0.0033	------	----------
17.180		1248	0.0012	------	----------
17.859		3803	0.0038	------	----------
18.824		2544	0.0025	------	----------
		14157384	1835.6550		

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_068.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/14/00 02:30 AM
Sample Number: 30 PPM Study : ICAL 10/3/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/14/00 02:09 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

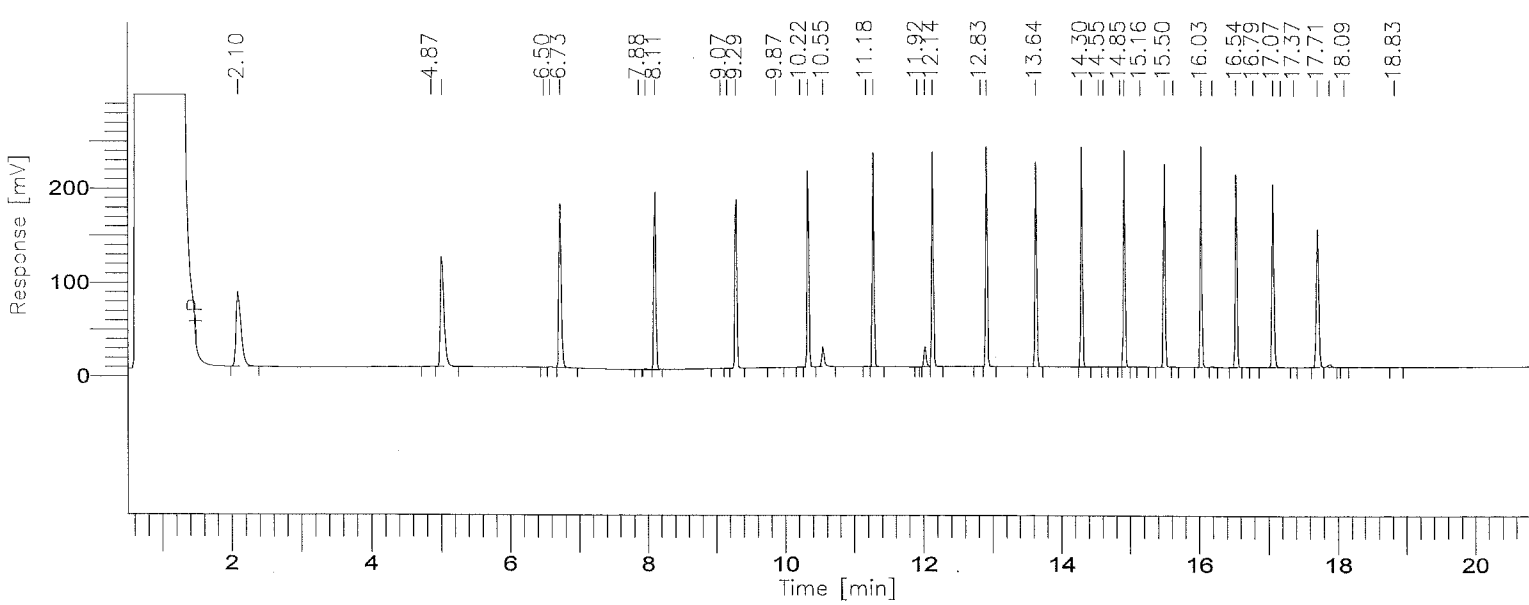
Raw Data File : C:\TC4\DATA_01\013_069.RAW
Result File : C:\TC4\DATA_01\013_069.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\013_069.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A
Sequence File : C:\TC4\DATA_01\013.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 43



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8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.446	C8-C9	402858	40.3186	30.0	34.40
5.771	C10-C11	427732	40.5379	30.0	35.13
7.314	C12-C13	416997	38.8587	30.0	29.53
8.586	C14-C15	397270	32.9798	30.0	9.93
9.691	C16-C17	390240	36.0548	30.0	20.18
10.720	C18-C19	431679	35.9454	30.0	19.82
12.018	C20-C23	808486	37.2355	30.0	24.12
13.534	C24-C27	762921	36.3479	30.0	21.16
14.819	C28-C31	766066	35.6841	30.0	18.95
15.898	C32-C35	764644	35.5194	30.0	18.40
16.989	C36-C39	765398	35.7359	30.0	19.12
19.290	C40+	383019	37.0981	30.0	23.66
		6717310	442.3161		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.104		400710	0.4007	------	----------
4.871		2148	0.0021	------	----------
		402858	0.4029		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.023		424161	0.4242	------	----------
6.496		671	0.0007	------	----------
6.590		2900	0.0029	------	----------
		427732	0.4277		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
6.732		414321	0.4143	------	----------
7.878		584	0.0006	------	----------
7.974		2092	0.0021	------	----------
		416997	0.4170		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.113		396660	0.3967	------	----------
9.071		610	0.0006	------	----------
		397270	0.3973		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.167		1786	0.0018	------	----------
9.293		385783	0.3858	------	----------
9.874		923	0.0009	------	----------
10.223		1748	0.0017	------	----------
		390240	0.3902		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
10.337		379011	0.3790	------	----------
10.552		50553	0.0506	------	----------
11.178		2116	0.0021	------	----------
		431679	0.4317		

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.283		379267	0.3793	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.917		322	0.0003	------	----------
12.029		49569	0.0496	------	----------
12.136		379328	0.3793	------	----------
		808486	0.8085		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.829		1052	0.0011	------	----------
12.919		379255	0.3793	------	----------
13.637		382614	0.3826	------	----------
		762921	0.7629		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.302		382421	0.3824	------	----------
14.547		916	0.0009	------	----------
14.617		720	0.0007	------	----------
14.853		893	0.0009	------	----------
14.919		379953	0.3800	------	----------
15.155		1163	0.0012	------	----------
		766066	0.7661		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.497		382658	0.3827	------	----------
15.629		914	0.0009	------	----------
16.034		378061	0.3781	------	----------
16.197		3011	0.0030	------	----------
		764644	0.7646		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
16.537		378196	0.3782	------	----------
16.788		631	0.0006	------	----------
17.068		384228	0.3842	------	----------
17.178		1851	0.0019	------	----------
17.372		492	0.0005	------	----------
		765398	0.7654		

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.713		369618	0.3696	------	----------
17.885		10050	0.0100	------	----------
18.090		491	0.0005	------	----------
18.827		2861	0.0029	------	----------
		383019	0.3830		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

Timed Event Table

Time	Event	Value
0.131	-P	
1.500	P	
23.390	-P	

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_069.TX0

Turbochrom Sequence File : C:\TC4\DATA_01\O09A.SEQ
Created by : doug on : 10/9/00 08:34 AM
Edited by : EC on : 10/11/00 01:27 PM
Description :

Number of Times Edited : 20

Sequence File Header Information:

FJK 10/17/00

Number of Rows : 148
Instrument Type : 760 / 900 Series Intelligent Interface
Injection Type : SINGLE

Sequence Sample Descriptions - Channel A

Row	Type	Sample Name	Sample Number	Study Name	Sample Amount	ISTD Amount	Sample Volume	Dil. Factor	Mult	Divisor	Addend	Norm. factor
1	Sample	MECL2	MECL2	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
2	Sample	MECL2	MECL2	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
3	Sample	DAILY RT MAKER	C8-C40	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
4	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
5	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
6	Sample	370-MB	DLEM0101B	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
7	Sample	370-LCS	DLEM0102C	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
8	Sample	370-19	DLC7710N	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	520.000	0.000	100.000
9	Sample	315-25	DL8JR106	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	520.000	0.000	100.000
10	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
11	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
12	Sample	370-LCS	DLEKW102C	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
13	Sample	370-MB	DLEKW101B	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
14	Sample	370-MB	DLEL7101B	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
15	Sample	370-LCS	DLEL7102C	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
16	Sample	370-01	DLC6J102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample	370-01 MS	DLC6J11WS	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample	370-01 MSD	DLC6J11XD	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
19	Sample	370-02	DLC6K102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
20	Sample	370-03	DLC6L102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
21	Sample	370-04	DLC6N102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
22	Sample	370-06	DLC6Q102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
23	Sample	370-07	DLC6R102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
24	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
25	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
26	Sample	370-08	DLC6T102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
27	Sample	370-09	DLC6V102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
28	Sample	370-10	DLC6W102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
29	Sample	370-11	DLC6X102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
30	Sample	370-12	DLC70102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
31	Sample	370-13	DLC71102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
32	Sample	370-14	DLC72102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
33	Sample	370-15	DLC73102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
34	Sample	370-16	DLC74102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
35	Sample	370-17	DLC75102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
36	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
37	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
38	Sample	370-18	DLC76102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
39	Sample	370-20	DLC78102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
40	Sample	370-21	DLC79102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
41	Sample	370-22	DLC7A102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
42	Sample	370-23	DLC7C102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
43	Sample	370-24	DLC7D102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
44	Sample	370-24 MS	DLC7D10QS	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
45	Sample	370-24 MSD	DLC7D10RD	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
46	Sample	370-25	DLC7E102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
47	Sample	370-22	DLC7A102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
48	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
49	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
50	Sample	262-MB	DLLVV101B	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
51	Sample	262-LCS	DLLVV102C	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
	Sample	262-LCD	DLLVV103L	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
	Sample	233-03	DLGAR10M	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
54	Sample	262-01	DLGPH10M	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	991.000	0.000	100.000
55	Sample	322-23	DLJLO10M	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	400.000	0.000	100.000
56	Sample	370-22	DLC7A102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
57	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
58	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
59	Sample	262-MB	DLJ3N101B	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
60	Sample	262-LCS	DLJ3N102C	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000

61	Sample	262-04	DLLGPV102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
62	Sample	262-04 MS	DLGPV10QS	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
63	Sample	262-04 MSD	DLGPV10RD	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
64	Sample	125-MB	DLM0T101B	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
65	Sample	125-LCS	DLM0T102C	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
66	Sample	125-01	DLH33102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
67	Sample	125-01 MS	DLH3310PS	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample	125-01 MSD	DLH3310QD	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
70	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
71	Sample	162-MB	DLJ1V101B	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
72	Sample	162-LCS	DLJ1V102C	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
73	Sample	162-01	DLFLL102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
74	Sample	162-02	DLFLR102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
75	Sample	162-03	DLFLV102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
76	Sample	150-01	DLFGE102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
77	Sample	150-01 MS	DLFGE11WS	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
78	Sample	150-01 MSD	DLFGE11XD	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
79	Sample	150-03	DLFGQ102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
80	Sample	150-04	DLFGV102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
81	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
82	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
83	Sample	150-05	DLFHQ102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
84	Sample	150-07	DLFHX102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
85	Sample	150-09	DLFJ4102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
86	Sample	150-10	DLFJ6102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
87	Sample	150-17	DLFJQ102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
88	Sample	150-19	DLFJV102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
89	Sample	150-20	DLFK0102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
90	Sample	150-22	DLFK5102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
91	Sample	150-23	DLFK7102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
92	Sample	150-24	DLFKA102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
93	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
94	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
95	Sample	150-26	DLFKE102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
96	Sample	150-27	DLFKG102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
97	Sample	150-28	DLFKJ102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
98	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
99	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
100	Sample	DAILY RT MAKER	C8-C40	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
101	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
102	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
	Sample	162-MB	DLJ1V101B	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample	162-LCS	DLJ1V102C	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
105	Sample	162-01	DLFLL102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
106	Sample	162-02	DLFLR102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
107	Sample	162-03	DLFLV102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
108	Sample	150-01	DLFGE102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
109	Sample	150-01 MS	DLFGE11WS	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
110	Sample	150-01 MSD	DLFGE11XD	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
111	Sample	150-03	DLFGQ102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
112	Sample	150-04	DLFGV102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
113	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
114	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
115	Sample	150-05	DLFHQ102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
116	Sample	150-07	DLFHX102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
117	Sample	150-09	DLFJ4102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
118	Sample	150-10	DLFJ6102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
119	Sample	150-17	DLFJQ102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
120	Sample	150-19	DLFJV102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
121	Sample	150-20	DLFK0102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
122	Sample	150-22	DLFK5102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
123	Sample	150-23	DLFK7102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
124	Sample	150-24	DLFKA102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
125	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
126	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
127	Sample	150-26	DLFKE102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
128	Sample	150-27	DLFKG102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
129	Sample	150-28	DLFKJ102	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
130	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
131	Std Check	#TEPH00-167 RT	30 PPM	ICAL 10/3/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
132	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
133	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
134	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
135	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
136	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
137	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
[illegible]	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
[illegible]	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
141	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
142	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
143	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
144	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
145	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
146	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
147	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/12/00 09:06 AM
Sample Number: 1000 PPM Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/10/00 02:02 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

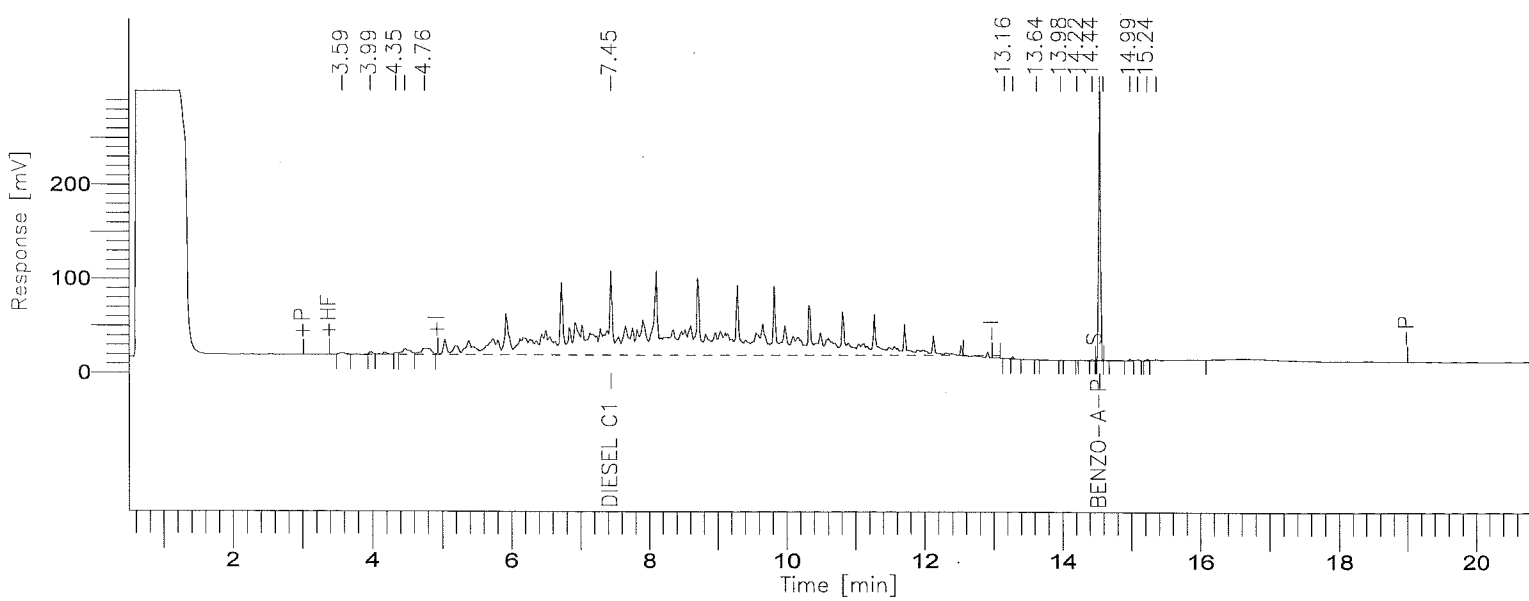
Raw Data File : C:\TC4\DATA_01\O09A057.RAW
Result File : C:\TC4\DATA_01\O09A057.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A057.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A057.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A057.R
Sequence File : C:\TC4\DATA_01\O09A.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 18



000899

BOE-C6-0155564

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.585		7593	0.0076	------	----------
3.986		8067	0.0081	------	----------
4.347		5154	0.0052	------	----------
4.480		42431	0.0424	------	----------
4.764		78998	0.0790	------	----------
7.454	DIESEL C10-C24	7145028	966.6003	1000.0	-3.34
13.161		541	0.0005	------	----------
13.285		3706	0.0037	------	----------
13.637		1413	0.0014	------	----------
13.979		496	0.0005	------	----------
14.221		550	0.0006	------	----------
14.440		2618	0.0026	------	----------
14.550	BENZO-A-PYRENE	555868	52.6749	50.0	5.35
14.600		790	0.0008	------	----------
[illegible].985		2925	0.0029	------	----------
15.101		3186	0.0032	------	----------
15.235		2414	0.0024	------	----------
15.364		5092	0.0051	------	----------
		7866871	1019.4412		

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A057.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/16/00 11:13 AM
Sample Number: 30 PPM Study : ICAL 10/3/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/10/00 02:32 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

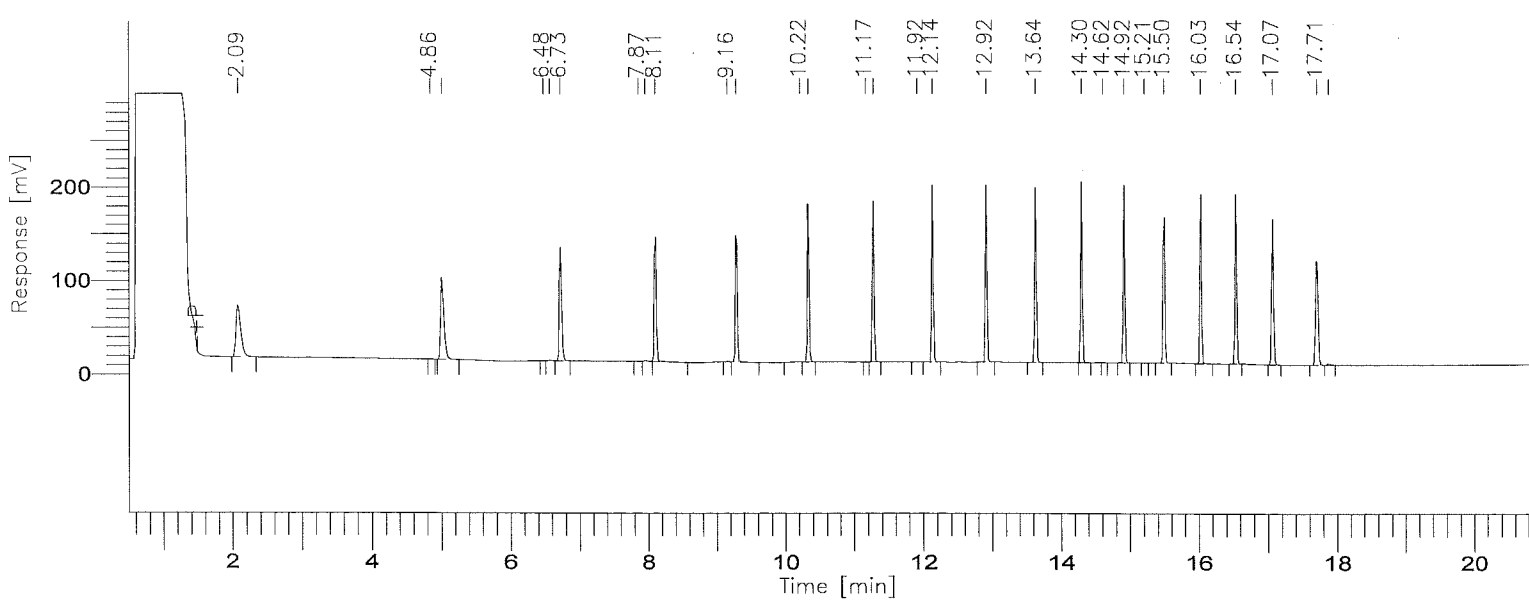
Raw Data File : C:\TC4\DATA_01\O09A058.RAW
Result File : C:\TC4\DATA_01\O09A058.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A058.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A058.RS
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A058.RS
Sequence File : C:\TC4\DATA_01\O09A.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 29



000901

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.446	C8-C9	270889	27.1110	30.0	-9.63
5.772	C10-C11	287955	27.2907	30.0	-9.03
7.314	C12-C13	293683	27.3675	30.0	-8.78
8.586	C14-C15	299182	24.8369	30.0	-17.21
9.692	C16-C17	301059	27.8153	30.0	-7.28
10.720	C18-C19	296496	24.6888	30.0	-17.70
12.018	C20-C23	595971	27.4480	30.0	-8.51
13.534	C24-C27	604928	28.8206	30.0	-3.93
14.819	C28-C31	611552	28.4867	30.0	-5.04
15.898	C32-C35	612032	28.4302	30.0	-5.23
16.990	C36-C39	612419	28.5934	30.0	-4.69
19.290	C40+	301915	29.2426	30.0	-2.52
		5088081	330.1316		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.090		269970	0.2700	------	----------
4.855		919	0.0009	------	----------
		270889	0.2709		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.020		285646	0.2856	------	----------
6.482		399	0.0004	------	----------
6.579		1910	0.0019	------	----------
		287955	0.2880		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
6.731		287064	0.2871	------	----------
7.869		1481	0.0015	------	----------
7.967		5138	0.0051	------	----------
		293683	0.2937		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.111		299182	0.2992	------	----------
		299182	0.2992		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.164		1758	0.0018	------	----------
9.291		295820	0.2958	------	----------
10.219		3481	0.0035	------	----------
		301059	0.3011		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
10.336		294967	0.2950	------	----------
11.173		1528	0.0015	------	----------
		296496	0.2965		

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.281		297260	0.2973	------	----------
11.916		479	0.0005	------	----------
12.135		298232	0.2982	------	----------

	595971	0.5960

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.917		299492	0.2995	------	----------
13.635		305436	0.3054	------	----------
		604928	0.6049		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.301		305227	0.3052	------	----------
14.616		520	0.0005	------	----------
14.918		305395	0.3054	------	----------
15.213		410	0.0004	------	----------
		611552	0.6116		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.495		307271	0.3073	------	----------
16.032		304760	0.3048	------	----------
		612032	0.6120		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
16.535		305416	0.3054	------	----------
17.066		307003	0.3070	------	----------
		612419	0.6124		

Group Report For : C40+

Time	Component	Area	ACTUAL	TRUE	%

[min]	Name	[µV·s]	VALUE (PPM)	VALUE	D
7.706		297182	0.2972	------	----------
7.881		4733	0.0047	------	----------
		301915	0.3019		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

Timed Event Table

Time	Event	Value
0.131	-P	
1.500	P	
23.390	-P	

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A058.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/12/00 09:06 AM
Sample Number: 30 PPM Study : ICAL 10/3/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/10/00 02:32 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

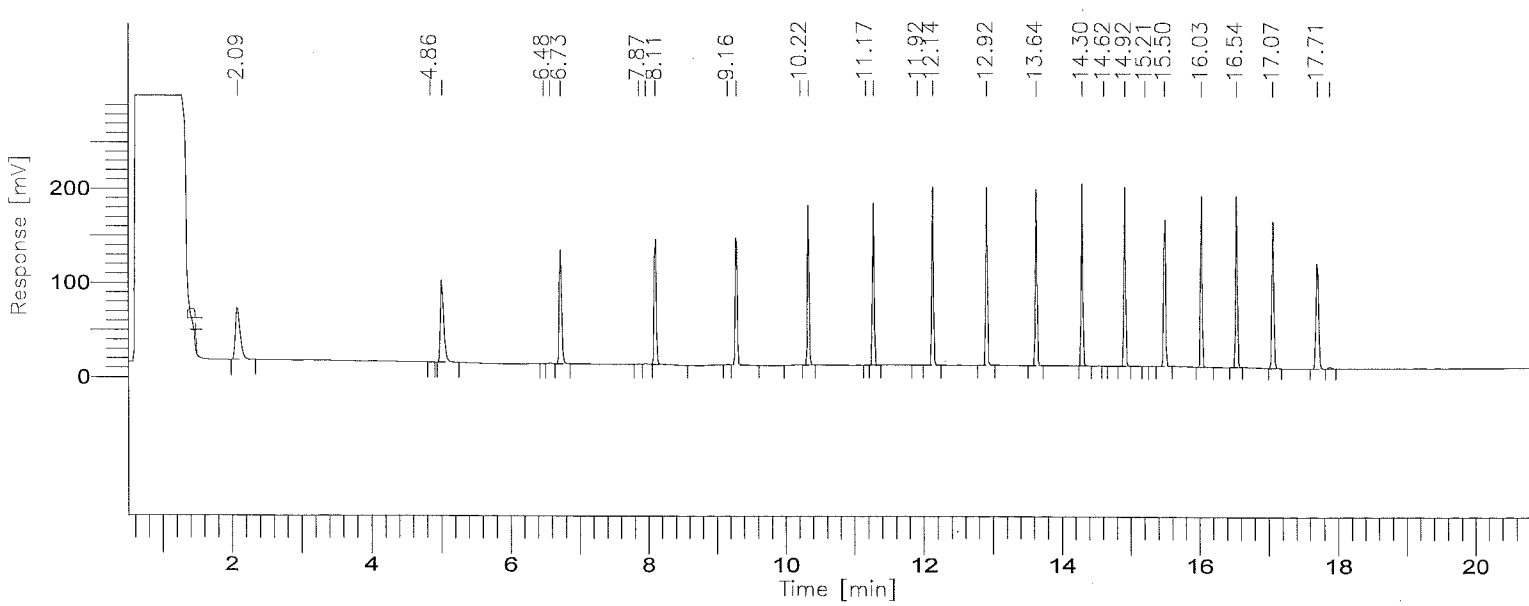
Raw Data File : C:\TC4\DATA_01\O09A058.RAW
Result File : C:\TC4\DATA_01\O09A058.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A058.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A058.RS
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A058.RS
Sequence File : C:\TC4\DATA_01\O09A.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 29



000906

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.446	C8-C9	270889	27.1110	30.0	-9.63
5.771	C10-C11	287955	27.2907	30.0	-9.03
7.314	C12-C13	293683	27.3675	30.0	-8.78
8.586	C14-C15	299182	24.8369	30.0	-17.21
9.691	C16-C17	301059	27.8153	30.0	-7.28
10.720	C18-C19	296496	24.6888	30.0	-17.70
12.018	C20-C23	595971	27.4480	30.0	-8.51
13.534	C24-C27	604928	28.8206	30.0	-3.93
14.819	C28-C31	611552	28.4867	30.0	-5.04
15.898	C32-C35	612032	28.4302	30.0	-5.23
16.989	C36-C39	612419	28.5934	30.0	-4.69
19.290	C40+	301915	29.2426	30.0	-2.52
		5088081	330.1316		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.090		269970	0.2700	------	----------
4.855		919	0.0009	------	----------
		270889	0.2709		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.020		285646	0.2856	------	----------
6.482		399	0.0004	------	----------
6.579		1910	0.0019	------	----------
		287955	0.2880		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
6.731		287064	0.2871	------	----------
7.869		1481	0.0015	------	----------
7.967		5138	0.0051	------	----------
		293683	0.2937		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.111		299182	0.2992	------	----------
		299182	0.2992		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.164		1758	0.0018	------	----------
9.291		295820	0.2958	------	----------
10.219		3481	0.0035	------	----------
		301059	0.3011		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
10.336		294967	0.2950	------	----------
11.173		1528	0.0015	------	----------
		296496	0.2965		

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.281		297260	0.2973	------	----------
11.916		479	0.0005	------	----------
12.135		298232	0.2982	------	----------

	595971	0.5960

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.917		299492	0.2995	------	----------
13.635		305436	0.3054	------	----------
		604928	0.6049		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.301		305227	0.3052	------	----------
14.616		520	0.0005	------	----------
14.918		305395	0.3054	------	----------
15.213		410	0.0004	------	----------
		611552	0.6116		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.495		307271	0.3073	------	----------
16.032		304760	0.3048	------	----------
		612032	0.6120		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
16.535		305416	0.3054	------	----------
17.066		307003	0.3070	------	----------
		612419	0.6124		

Group Report For : C40+

Time	Component	Area	ACTUAL	TRUE	%

[min]	Name	[µV·s]	VALUE (PPM)	VALUE	D
17.706		297182	0.2972	------	----------
17.881		4733	0.0047	------	----------
		301915	0.3019		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

Timed Event Table

Time	Event	Value
0.131	-P	
1.500	P	
23.390	-P	

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A058.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/12/00 09:05 AM
Sample Number: 1000 PPM Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/10/00 08:38 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

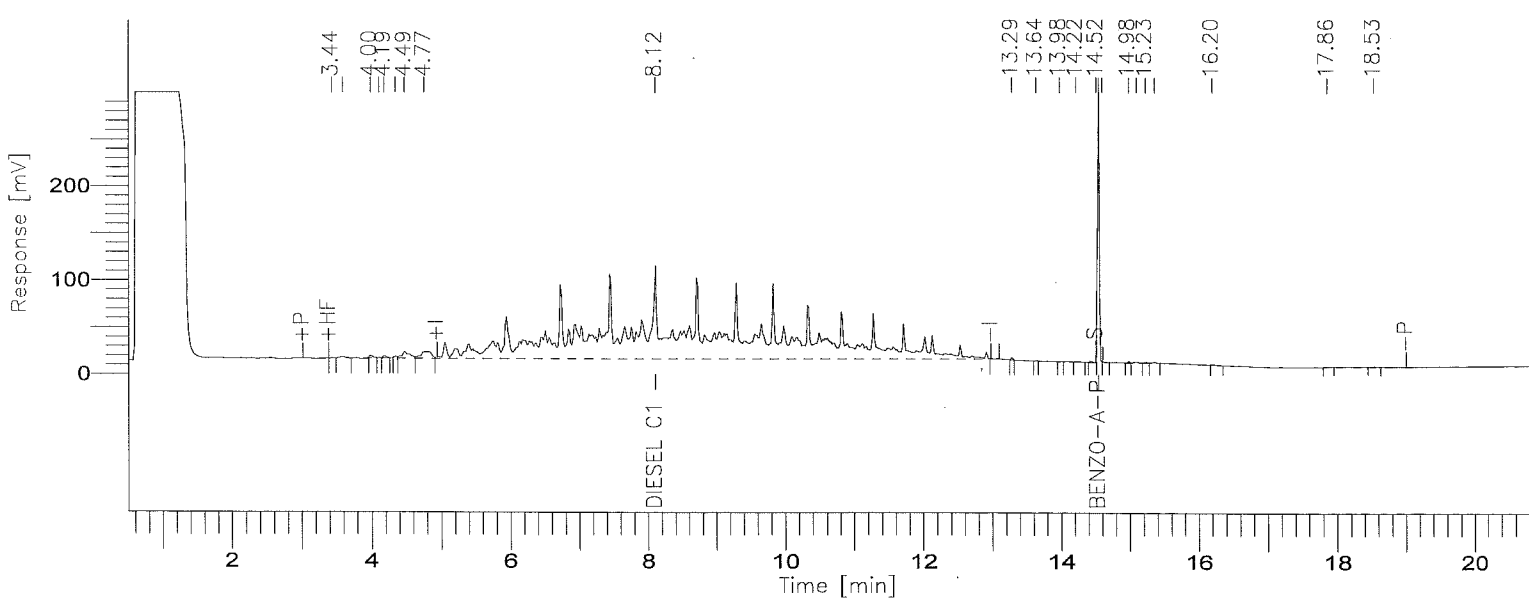
Raw Data File : C:\TC4\DATA_01\O09A069.RAW
Result File : C:\TC4\DATA_01\O09A069.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A069.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A069.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A069.R
Sequence File : C:\TC4\DATA_01\O09A.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 23



000911

BOE-C6-0155576

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.439		468	0.0005	------	----------
3.597		8359	0.0084	------	----------
3.997		8849	0.0088	------	----------
4.118		1553	0.0016	------	----------
4.190		8181	0.0082	------	----------
4.353		5889	0.0059	------	----------
4.485		49520	0.0495	------	----------
4.768		70707	0.0707	------	----------
8.115	DIESEL C10-C24	8750708	1183.8214	1000.0	18.38
13.285		3957	0.0040	------	----------
13.636		1480	0.0015	------	----------
13.978		472	0.0005	------	----------
14.219		2579	0.0026	------	----------
14.517		10164	0.0102	------	----------
.549	BENZO-A-PYRENE	566563	53.6884	50.0	7.38
14.600		684	0.0007	------	----------
14.984		2893	0.0029	------	----------
15.100		3575	0.0036	------	----------
15.234		2388	0.0024	------	----------
15.363		2477	0.0025	------	----------
16.197		2050	0.0021	------	----------
17.858		1738	0.0017	------	----------
18.533		2175	0.0022	------	----------
		9507430	1237.6999		

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A069.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/12/00 09:05 AM
Sample Number: 30 PPM Study : ICAL 10/3/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/10/00 09:08 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

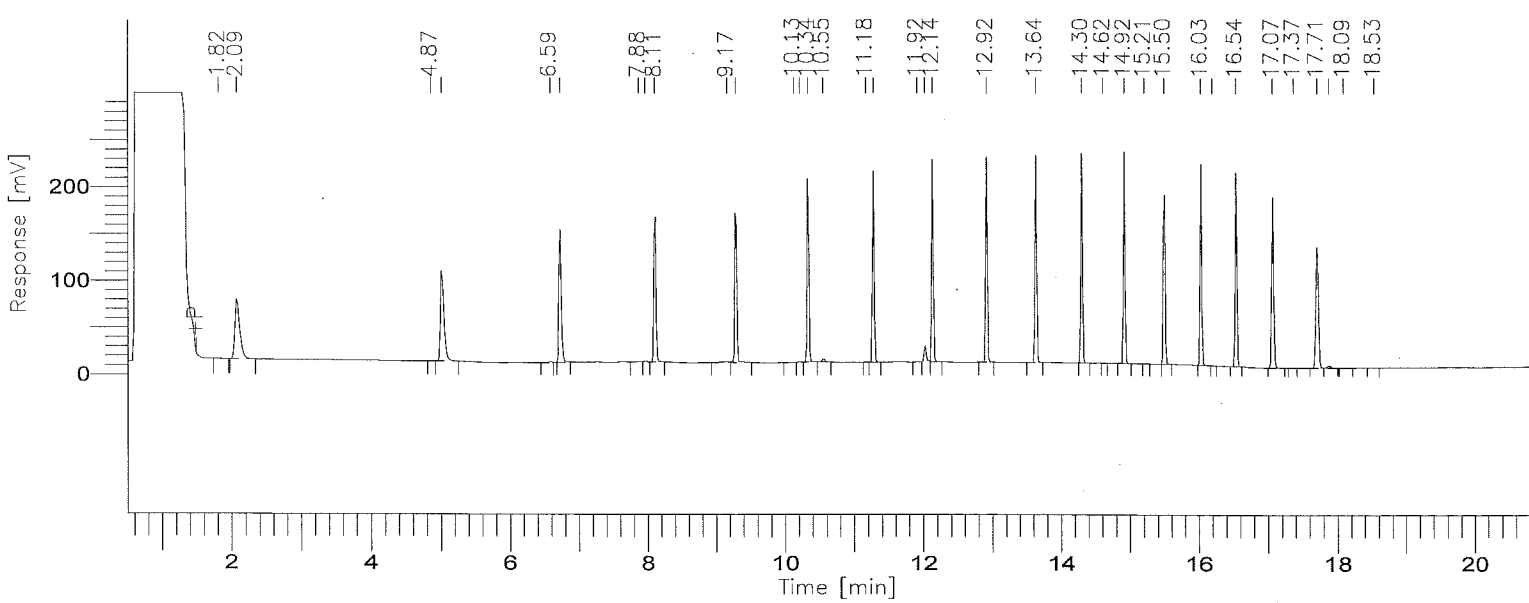
Raw Data File : C:\TC4\DATA_01\O09A070.RAW
Result File : C:\TC4\DATA_01\O09A070.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A070.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A070.RS
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A070.RS
Sequence File : C:\TC4\DATA_01\O09A.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 36



000913

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.446	C8-C9	308199	30.8449	30.0	2.82
5.771	C10-C11	339680	32.1928	30.0	7.31
7.314	C12-C13	344538	32.1065	30.0	7.02
8.586	C14-C15	337760	28.0395	30.0	-6.53
9.691	C16-C17	355956	32.8873	30.0	9.62
10.720	C18-C19	357076	29.7332	30.0	-0.89
12.018	C20-C23	734886	33.8458	30.0	12.82
13.534	C24-C27	705214	33.5985	30.0	11.99
14.819	C28-C31	713235	33.2232	30.0	10.74
15.898	C32-C35	711984	33.0732	30.0	10.24
16.989	C36-C39	713455	33.3107	30.0	11.04
19.290	C40+	355091	34.3931	30.0	14.64
		5977072	387.2488		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.088		307008	0.3070	------	----------
4.867		1190	0.0012	------	----------
		308199	0.3082		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.022		337482	0.3375	------	----------
6.588		2198	0.0022	------	----------
		339680	0.3397		

Group Report For : C12-C13

Time	Component	Area	ACTUAL	TRUE	%

[min]	Name	[µV·s]	VALUE (PPM)	VALUE	D
6.732		339475	0.3395	------	----------
7.881		2019	0.0020	------	----------
7.971		3044	0.0030	------	----------
		344538	0.3445		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.111		337760	0.3378	------	----------
		337760	0.3378		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.166		6573	0.0066	------	----------
9.290		344636	0.3446	------	----------
10.134		2213	0.0022	------	----------
10.220		2535	0.0025	------	----------
		355956	0.3560		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
10.336		346149	0.3461	------	----------
10.554		9089	0.0091	------	----------
11.176		1837	0.0018	------	----------
		357076	0.3571		

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.282		346891	0.3469	------	----------
11.917		670	0.0007	------	----------
12.031		38491	0.0385	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.135		348834	0.3488	------	----------
		734886	0.7349		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.918		349070	0.3491	------	----------
13.635		356143	0.3561	------	----------
		705214	0.7052		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.301		355932	0.3559	------	----------
14.615		600	0.0006	------	----------
14.917		356273	0.3563	------	----------
15.212		430	0.0004	------	----------
		713235	0.7132		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.495		357298	0.3573	------	----------
16.032		353875	0.3539	------	----------
16.196		811	0.0008	------	----------
		711984	0.7120		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
16.536		355170	0.3552	------	----------
17.066		357722	0.3577	------	----------
17.369		563	0.0006	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
		713455	0.7135		

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.707		345622	0.3456	------	----------
17.880		7732	0.0077	------	----------
18.085		643	0.0006	------	----------
18.530		1094	0.0011	------	----------
		355091	0.3551		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

Timed Event Table

Time	Event	Value
0.131	-P	
1.500	P	
23.390	-P	

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A070.TX0

Lot/Sample: E0J050000-533B INTRA-LAB BLANK TICs.....: N Report Results: Y
WO#.....: DLM0T-1-03 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/10/00
Inject Time..: 18:06 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O09A064A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:06:14
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number:
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		
03052	TPH (as Diesel)			ND	10	5		
03518	Unknown Hydrocarbon			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	12.681	101.448		

Software Version: 4.1<2F12>
Sample Name : 125-MB Time : 10/16/00 11:14 AM
Sample Number: DLM0T101B Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/10/00 06:06 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

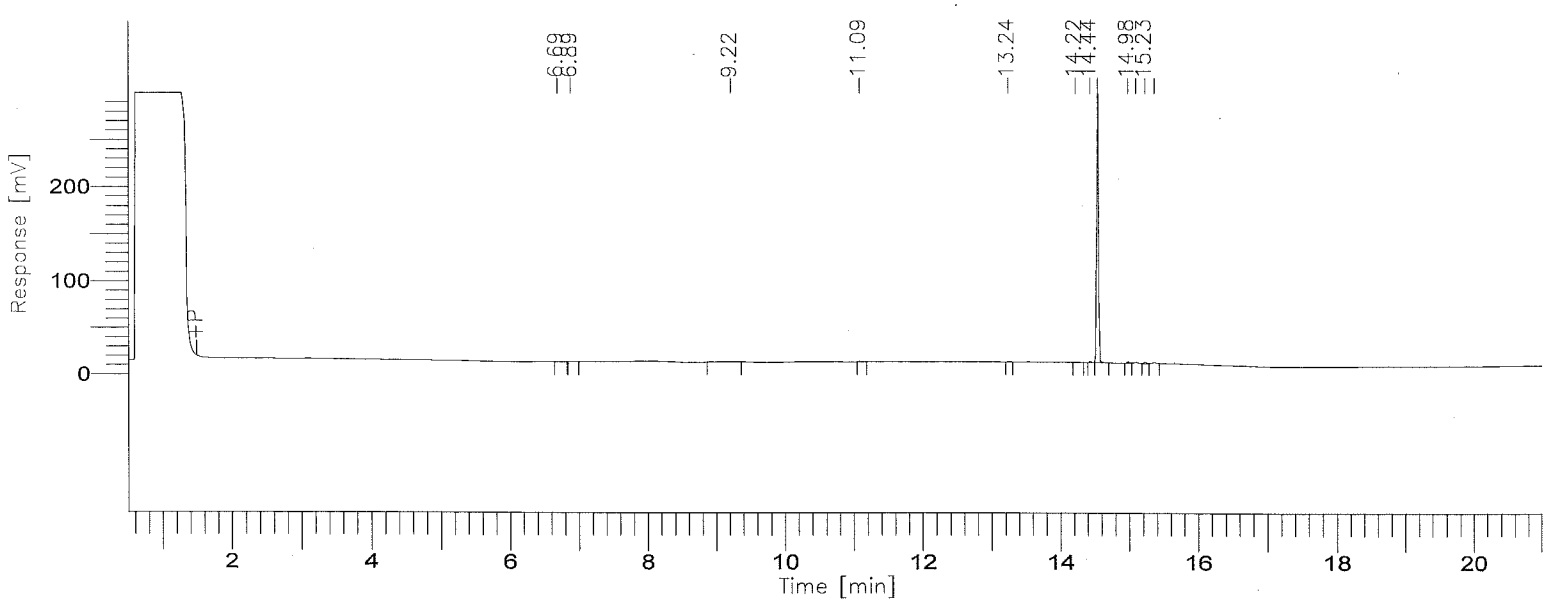
Raw Data File : C:\TC4\DATA_01\O09A064A.RAW
Result File : C:\TC4\DATA_01\O09A064A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A064A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O09B.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 12



000919

BOE-C6-0155584

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	2227	0.052	------	10.0	
8.59	C14-C15	0	0.000	------	10.0	
9.69	C16-C17	7446	0.172	------	10.0	
10.72	C18-C19	2243	0.047	------	10.0	
12.02	C20-C23	0	0.000	------	10.0	
13.53	C24-C27	3424	0.041	------	10.0	
14.82	C28-C31	556889	6.485	------	10.0	
15.90	C32-C35	0	0.000	------	10.0	
16.99	C36-C39	0	0.000	------	10.0	
19.29	C40+	0	0.000	------	10.0	
		572228	6.796			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
6.69		1201	0.000	------	10.0	
89		1026	0.000	------	10.0	
		2227	0.001			

Group Report For : C14-C15

No peaks available to report

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.22		7446	0.002	------	10.0	
		7446	0.002			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.09		2243	0.001	------	10.0	
		2243	0.001			

Group Report For : C20-C23

No peaks available to report

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
13.24		971	0.000	------	10.0	
14.22		2452	0.001	------	10.0	
		3424	0.001			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.44		2714	0.001	------	10.0	
14.55		542902	0.136	------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
..98		2816	0.001	------	10.0	
15.10		3044	0.001	------	10.0	
15.23		2814	0.001	------	10.0	
15.36		2600	0.001	------	10.0	
		556889	0.139			

Group Report For : C32-C35

No peaks available to report

Group Report For : C36-C39

No peaks available to report

Group Report For : C40+

No peaks available to report

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A064A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-MB Time : 10/16/00 11:11 AM
Sample Number: DLM0T101B Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/10/00 06:06 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

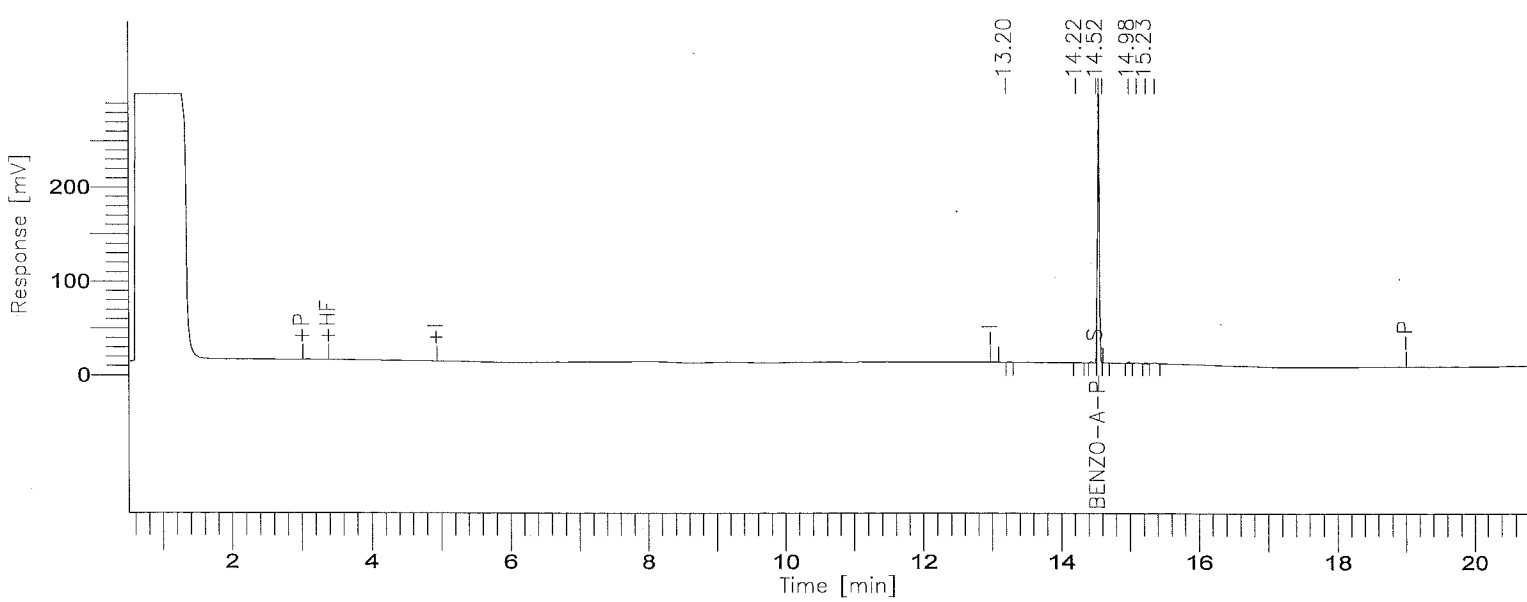
Raw Data File : C:\TC4\DATA_01\O09A064.RAW
Result File : C:\TC4\DATA_01\O09A064.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A064.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A064.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A064.R
Sequence File : C:\TC4\DATA_01\O09A.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 9



8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	535288	12.681	101.4	10.0	
		535288	12.681			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A064.TX0

Lot/Sample: E0J050000-533C INTRA-LAB CHECK TICs.....: N Report Results: Y
WO#.....: DLM0T-1-04 Est. Results: Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/10/00
Inject Time..: 18:37 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O09A065
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 18:23:48
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number:
Prep Time....: 14:00-14:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Spike Amount	Measured Amount	%REC	%RPD	Data Qual	Report Qual
04490	Diesel Range Organics (			250	NA	0	0		NA
04980	Diesel Range Organics			250	NA	0	0		NA
05013	Motor Oil Range Organic			250	NA	0	0		NA
03052	TPH (as Diesel)			250	239.3780	95.75	0		
03053	TPH (as Motor Oil)			250	NA	0	0		NA

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	11.617	92.9376		NA

Software Version: 4.1<2F12>
Sample Name : 125-LCS
Sample Number: DLM0T102C
Operator :

Time : 10/17/00 08:45 AM
Study : ICAL 8/28/00

Instrument : GC-FID-01
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2136574898 Data Acquisition Time: 10/10/00 06:37 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_01\O09A065.RAW
Result File : C:\TC4\DATA_01\O09A065.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A065.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A065.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A065.R
Sequence File : C:\TC4\DATA_01\O09A.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Noise Threshold: 50
Multiplier : 5.0000

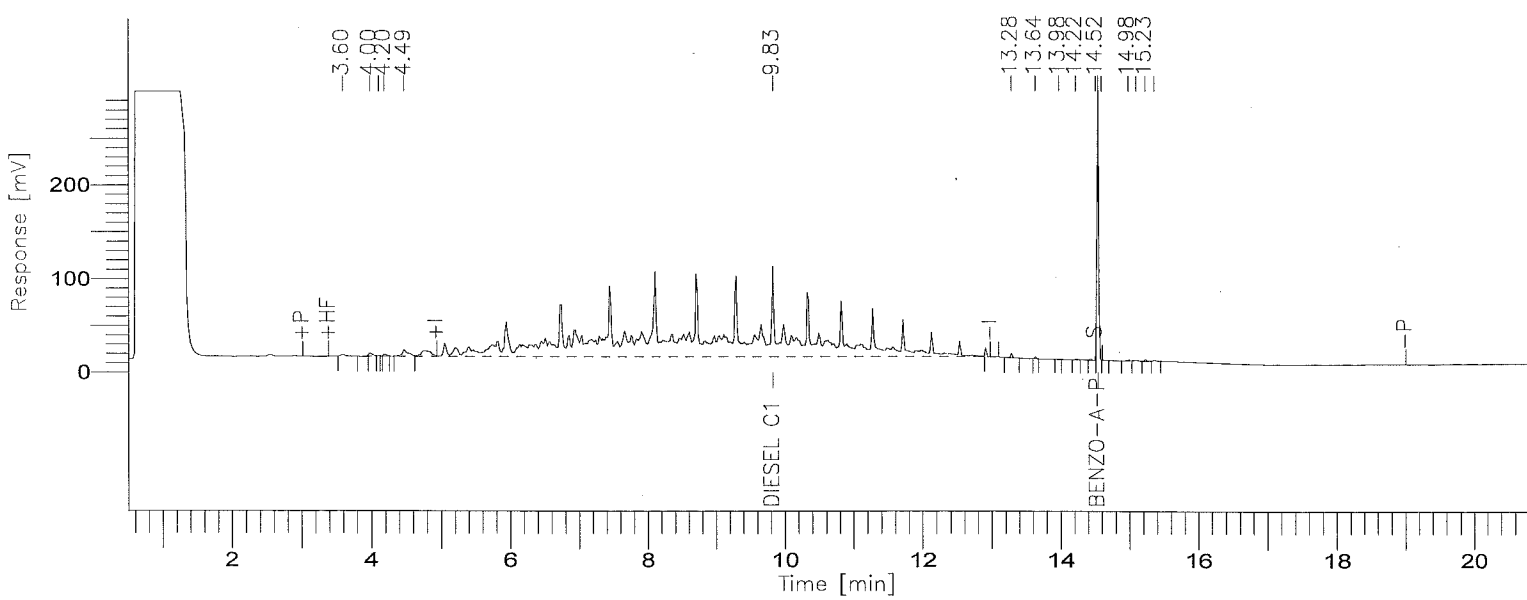
Area Threshold : 200
Divisor : 20.0000

Bunch Factor: 1
Addend : 0.0000

User1 : TPHDA
User2 :
User3 :
User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 17



000926

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% RECOVERY
9.833	DIESEL C10-C24	7077848.00	239.3780	250.00	95.75
14.548	BENZO-A-PYRENE	490377.67	11.6172	12.50	92.94
		7568225.67	250.9952	262.50	188.69

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A065.TX0

Lot/Sample: E0J040125-001 C-2-59-5 TICs.....: N Report Results: Y
WO#.....: DLH33-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/10/00
Inject Time..: 19:07 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O09A066A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:CHEMIST 0/10/17 10:01:38
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
)4490	Diesel Range Organics (	*		NA	10			NA
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
03518	Unknown Hydrocarbon			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		
04980	Diesel Range Organics	*		NA	10	6		NA
05013	Motor Oil Range Organic	*		NA	10	5		NA
03052	TPH (as Diesel)	*		ND	10	5		
03053	TPH (as Motor Oil)	*		NA	10	5		NA

(Continued on next page)

Lot/Sample: E0J040125-001 C-2-59-5 TICs.....: N Report Results: Y
WO#.....: DLH33-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	11.266	90.128		

Software Version: 4.1<2F12>
Sample Name : 125-01 Time : 10/16/00 11:14 AM
Sample Number: DLH33102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/10/00 07:07 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

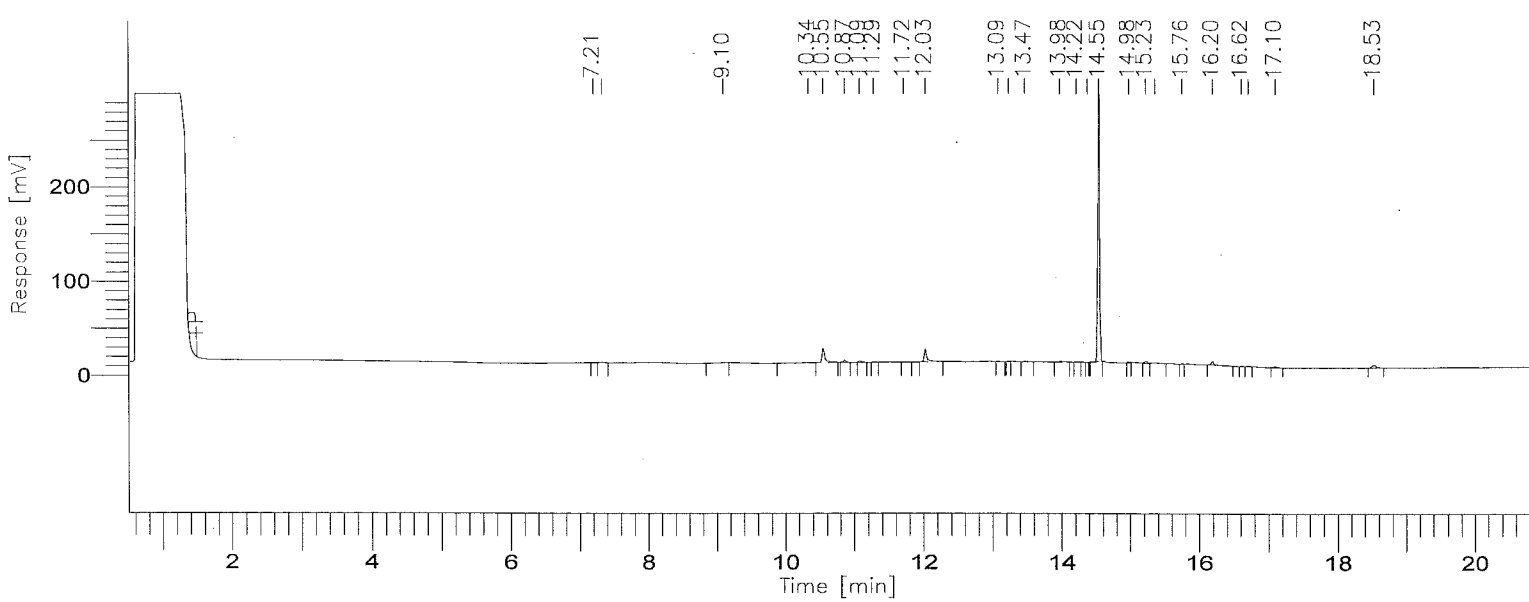
Raw Data File : C:\TC4\DATA_01\O09A066A.RAW
Result File : C:\TC4\DATA_01\O09A066A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A066A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O09B.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 26



8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	3150	0.073	------	10.0	
8.59	C14-C15	2475	0.051	------	10.0	
9.69	C16-C17	0	0.000	------	10.0	
10.72	C18-C19	57228	1.191	------	10.0	
12.02	C20-C23	37968	0.437	------	10.0	
13.53	C24-C27	11186	0.133	------	10.0	
14.82	C28-C31	516948	6.020	------	10.0	
15.90	C32-C35	11281	0.131	------	10.0	
16.99	C36-C39	4583	0.054	------	10.0	
19.29	C40+	9834	0.238	------	10.0	
		654653	8.329			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.21		829	0.000	------	10.0	
.33		2320	0.001	------	10.0	
		3150	0.001			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.10		2475	0.001	------	10.0	
		2475	0.001			

Group Report For : C16-C17

No peaks available to report

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.34		8094	0.002	------	10.0	
10.55		40906	0.010	------	10.0	
10.87		4210	0.001	------	10.0	
[illegible].08		4018	0.001	------	10.0	
		57228	0.014			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.28		464	0.000	------	10.0	
11.72		642	0.000	------	10.0	
12.03		36863	0.009	------	10.0	
		37968	0.009			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].08		991	0.000	------	10.0	
13.24		1623	0.000	------	10.0	
13.47		2592	0.001	------	10.0	
13.98		3880	0.001	------	10.0	
14.22		2101	0.001	------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
		11186	0.003			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.38		456	0.000	------	10.0	
14.55		507910	0.127	------	10.0	
14.98		1790	0.000	------	10.0	
15.23		4457	0.001	------	10.0	
15.36		2336	0.001	------	10.0	
		516948	0.129			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.76		686	0.000	------	10.0	
16.20		10595	0.003	------	10.0	
		11281	0.003			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.62		370	9.238e-05	------	10.0	
16.72		1532	0.000	------	10.0	
17.10		2682	0.001	------	10.0	
		4583	0.001			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.53		9834	0.002	------	10.0	
		9834	0.002			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A066A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-01 Time : 10/10/00 07:28 PM
Sample Number: DLH33102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/10/00 07:07 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

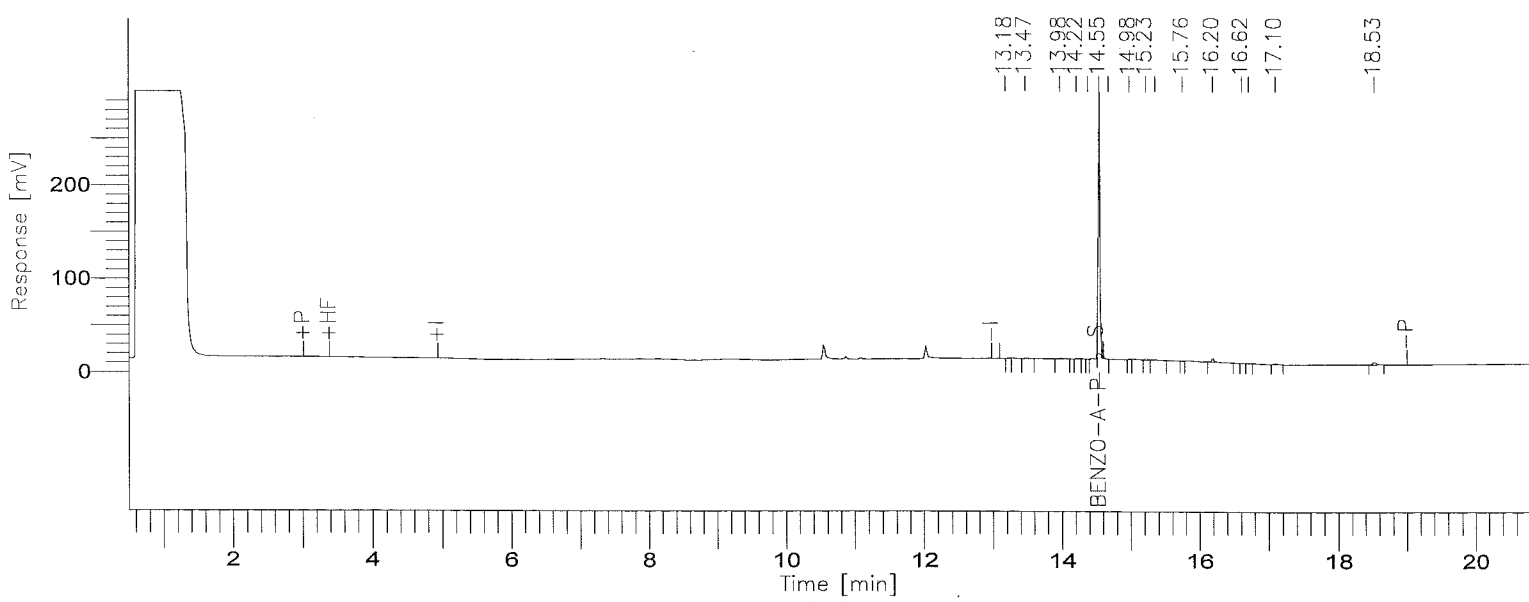
Raw Data File : C:\TC4\DATA_01\O09A066.RAW
Result File : C:\TC4\DATA_01\O09A066.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A066.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O09A.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 16



000935

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	475550	11.266	90.1	10.0	
		475550	11.266			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A066.TX0

Lot/Sample: E0J040125-001S C-2-59-5 TICs.....: N Report Results: Y
WO#.....: DLH33-1-0P Est. Results: Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/10/00
Inject Time..: 19:37 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O09A067
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:CHEMIST 0/10/05 18:23:49
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-14:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....: TEPH1561-1DCS/5000PPM/1M
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Spike Amount	Measured Amount	%REC	%RPD	Data Qual	Report Qual
J4490	Diesel Range Organics (			250	NA	0	0		NA
	Sample amount: NA								
04980	Diesel Range Organics			250	NA	0	0		NA
	Sample amount: NA								
05013	Motor Oil Range Organic			250	NA	0	0		NA
	Sample amount: NA								
03052	TPH (as Diesel)			250	214.9081	85.96	13.68		
	Sample amount: ND								
03053	TPH (as Motor Oil)			250	NA	0	0		NA
	Sample amount: NA								

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	10.245	81.964		NA

Software Version: 4.1<2F12>
Sample Name : 125-01 MS Time : 10/12/00 09:23 AM
Sample Number: DLH3310PS Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/10/00 07:37 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

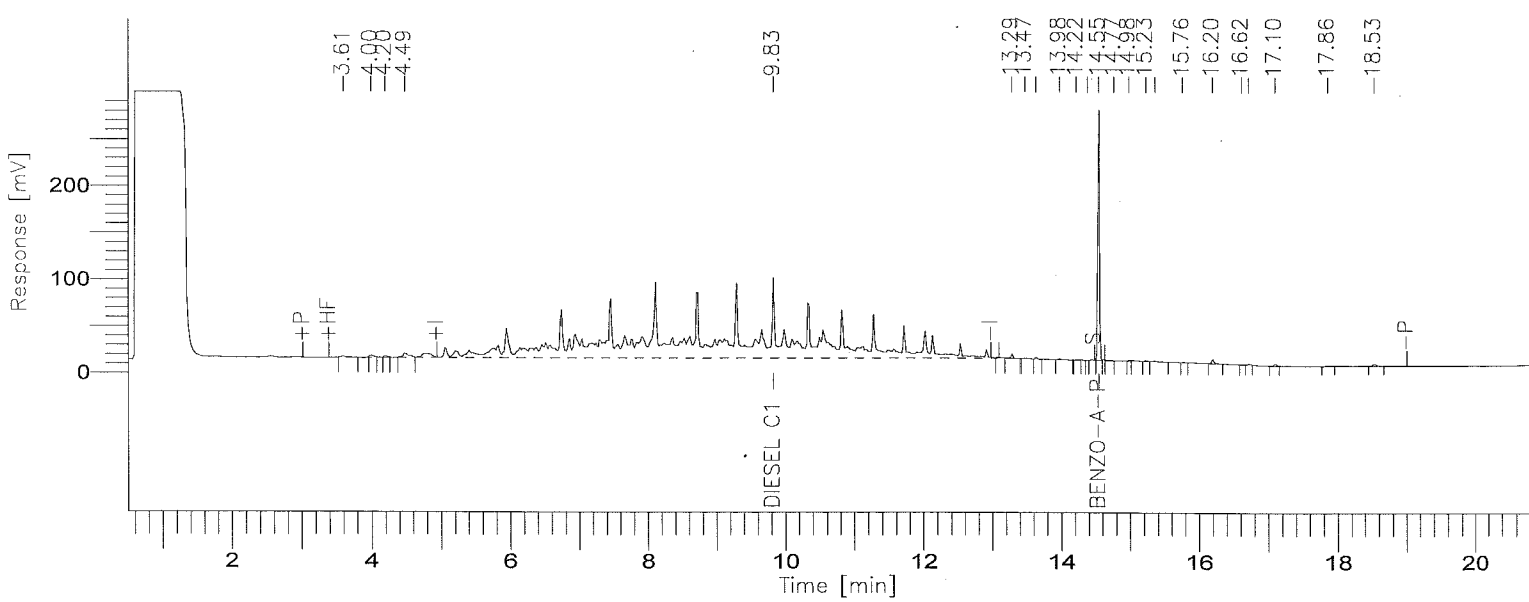
Raw Data File : C:\TC4\DATA_01\O09A067.RAW
Result File : C:\TC4\DATA_01\O09A067.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A067.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A067.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A067.R
Sequence File : C:\TC4\DATA_01\O09A.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 23



000938

BOE-C6-0155603

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% RECOVERY
9.833	DIESEL C10-C24	6354330.00	214.9081	250.00	85.96
14.548	BENZO-A-PYRENE	432473.00	10.2455	12.50	81.96
		6786803.00	225.1535	262.50	167.93

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A067.TX0

Lot/Sample: E0J040125-001D C-2-59-5 TICs.....: N Report Results: Y
WO#.....: DLH33-1-0Q Est. Results: Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/10/00
Inject Time..: 20:07 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O09A068
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:CHEMIST 0/10/05 18:23:49
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-14:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....: TEPH1561-1DCS/5000PPM/1M
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Spike Amount	Measured Amount	%REC	%RPD	Data Qual	Report Qual
04490	Diesel Range Organics (			250	NA	0	0		NA
	Sample amount: NA								
04980	Diesel Range Organics			250	NA	0	0		NA
	Sample amount: NA								
05013	Motor Oil Range Organic			250	NA	0	0		NA
	Sample amount: NA								
03052	TPH (as Diesel)			250	246.4858	98.59	13.68		
	Sample amount: ND								
03053	TPH (as Motor Oil)			250	NA	0	0		NA
	Sample amount: NA								

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	11.295	90.3664		NA

Software Version: 4.1<2F12>
Sample Name : 125-01 MSD Time : 10/12/00 09:23 AM
Sample Number: DLH3310QD Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/10/00 08:07 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

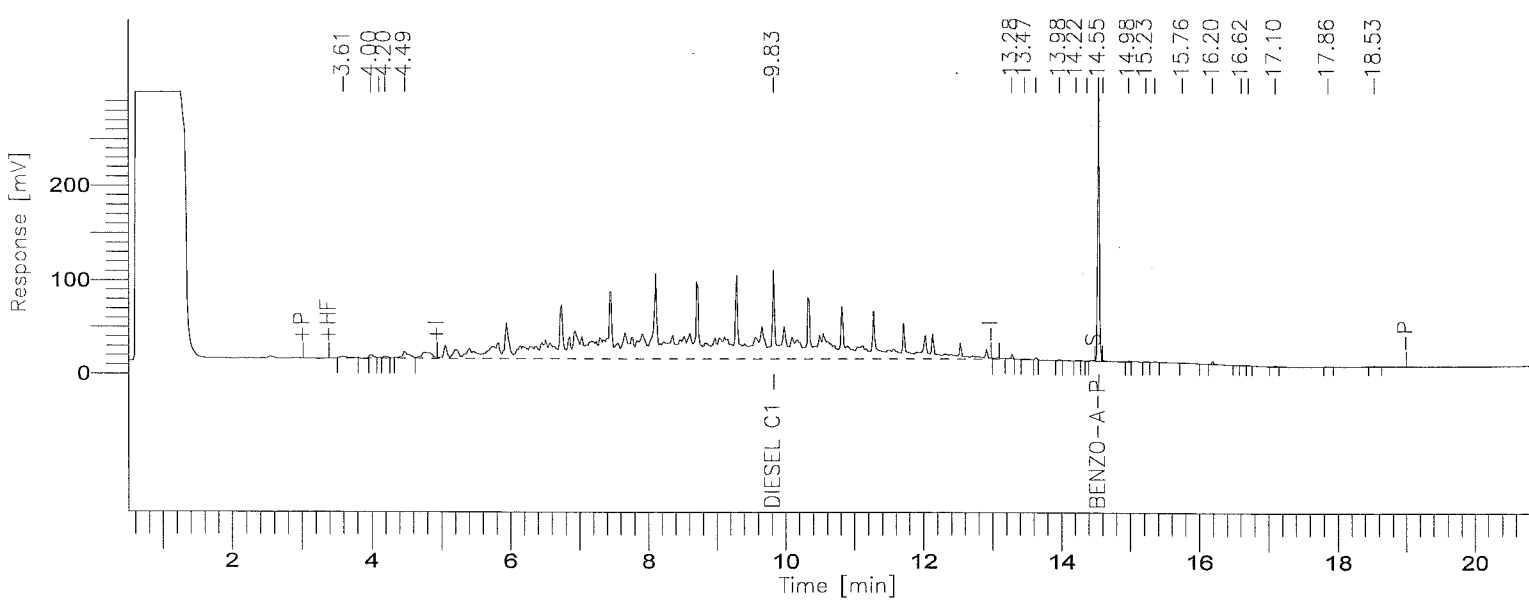
Raw Data File : C:\TC4\DATA_01\O09A068.RAW
Result File : C:\TC4\DATA_01\O09A068.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A068.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A068.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A068.R
Sequence File : C:\TC4\DATA_01\O09A.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 24



8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% RECOVERY
9.833	DIESEL C10-C24	7288010.00	246.4858	250.00	98.59
14.548	BENZO-A-PYRENE	476809.00	11.2958	12.50	90.37
		7764819.00	257.7816	262.50	188.96

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A068.TX0

Lot/Sample: E0J040125-002 C-2-60-5 TICs.....: N Report Results: Y
WO#.....: DLH39-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/13/00
Inject Time..: 17:09 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_051A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:08:39
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	9.923	79.384		

Software Version: 4.1<2F12>
Sample Name : 125-02 Time : 10/16/00 11:00 AM
Sample Number: DLH39102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 05:09 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

C-Chain

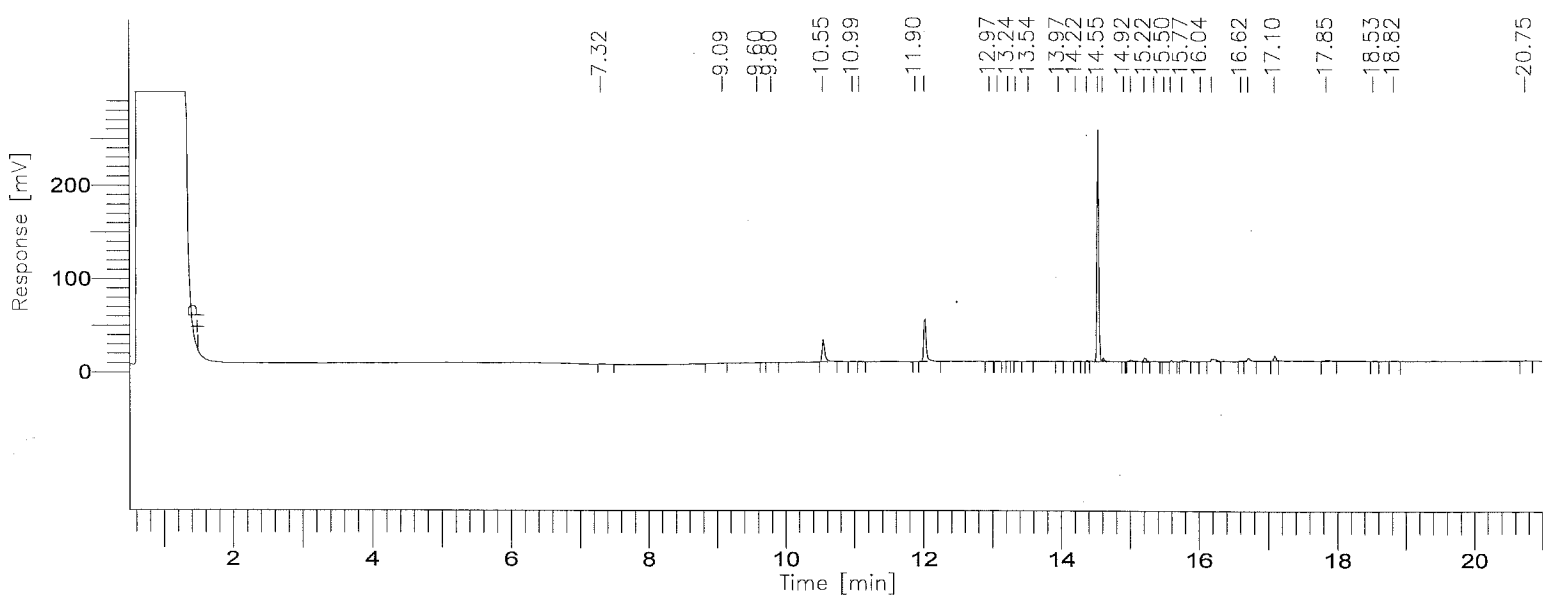
Raw Data File : C:\TC4\DATA_01\O13_051A.RAW
Result File : C:\TC4\DATA_01\O13_051A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_051A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 35



000944

BOE-C6-0155609

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	3932	0.092	------	10.0	
8.59	C14-C15	2806	0.058	------	10.0	
9.69	C16-C17	3840	0.089	------	10.0	
10.72	C18-C19	66210	1.378	------	10.0	
12.02	C20-C23	120272	1.385	------	10.0	
13.53	C24-C27	8063	0.096	------	10.0	
14.82	C28-C31	450318	5.244	------	10.0	
15.90	C32-C35	24353	0.283	------	10.0	
16.99	C36-C39	23516	0.274	------	10.0	
19.29	C40+	8432	0.204	------	10.0	
		711741	9.103			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.32		3932	0.001	------	10.0	
		3932	0.001			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].09		2806	0.001	------	10.0	
		2806	0.001			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.60		3149	0.001	------	10.0	
9.80		690	0.000	------	10.0	
		3840	0.001			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible] 55		62237	0.016	------	10.0	
[illegible].99		2361	0.001	------	10.0	
11.09		1612	0.000	------	10.0	
		66210	0.017			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.90		550	0.000	------	10.0	
12.03		119722	0.030	------	10.0	
		120272	0.030			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].97		1235	0.000	------	10.0	
13.08		392	9.800e-05	------	10.0	
13.24		1007	0.000	------	10.0	
13.35		477	0.000	------	10.0	
13.54		1592	0.000	------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.97		1462	0.000	------	10.0	
14.22		1898	0.000	------	10.0	
		8063	0.002			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.38		2341	0.001	------	10.0	
14.55		424118	0.106	------	10.0	
14.62		5041	0.001	------	10.0	
14.92		225	5.625e-05	------	10.0	
15.02		6081	0.002	------	10.0	
15.22		10513	0.003	------	10.0	
15.36		1998	0.000	------	10.0	
		450318	0.113			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.50		742	0.000	------	10.0	
15.60		2582	0.001	------	10.0	
15.77		6174	0.002	------	10.0	
16.04		1326	0.000	------	10.0	
16.20		13528	0.003	------	10.0	
		24353	0.006			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.62		2220	0.001	------	10.0	
16.72		10386	0.003	------	10.0	
17.10		10910	0.003	------	10.0	
		23516	0.006			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].85		4897	0.001	------	10.0	
18.53		759	0.000	------	10.0	
18.82		1301	0.000	------	10.0	
20.75		1476	0.000	------	10.0	
		8432	0.002			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_051A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-02 Time : 10/13/00 05:29 PM
Sample Number: DLH39102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 05:09 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

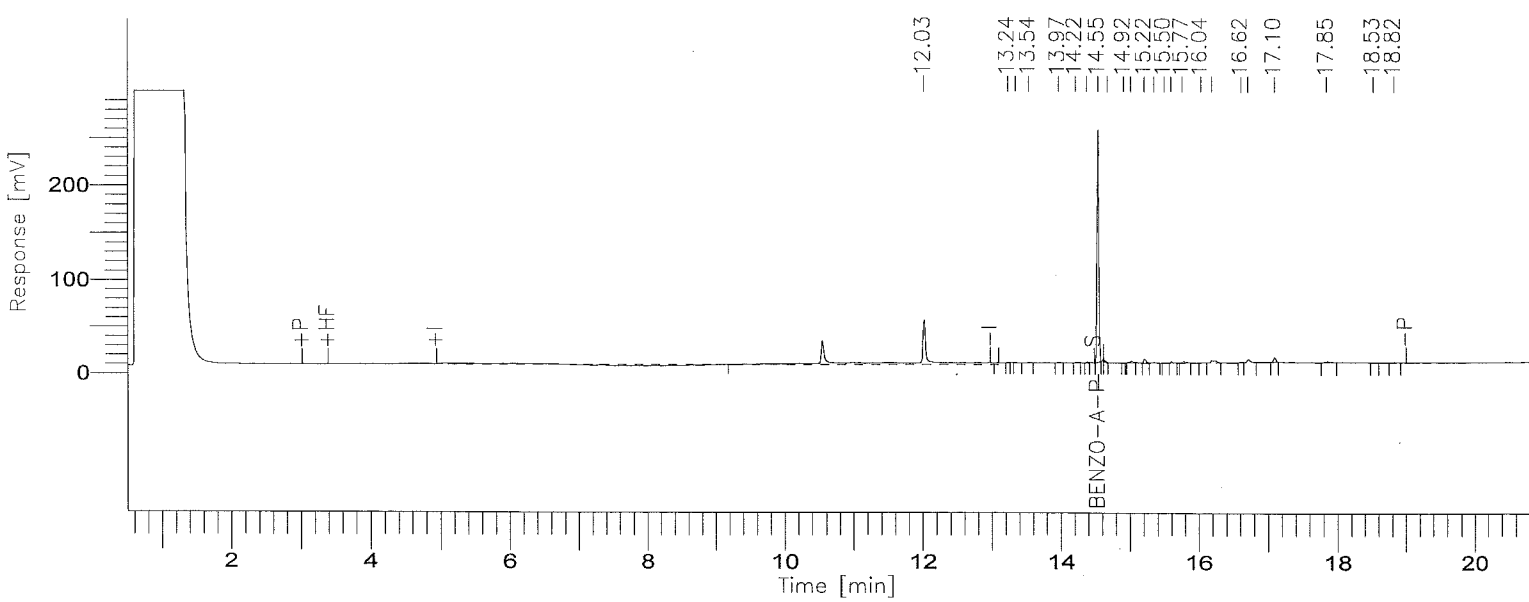
Raw Data File : C:\TC4\DATA_01\O13_051.RAW
Result File : C:\TC4\DATA_01\O13_051.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_051.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 24



000949

BOE-C6-0155614

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	418848	9.923	79.4	10.0	
		418848	9.923			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_051.TX0

Lot/Sample: E0J040125-008 C-2-62-1 TICs.....: N Report Results: Y
WO#.....: DLH3J-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/13/00
Inject Time..: 17:39 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_052A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:08:49
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	9.230	73.84		

Software Version: 4.1<2F12>
Sample Name : 125-08 Time : 10/16/00 11:00 AM
Sample Number: DLH3J102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 05:39 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

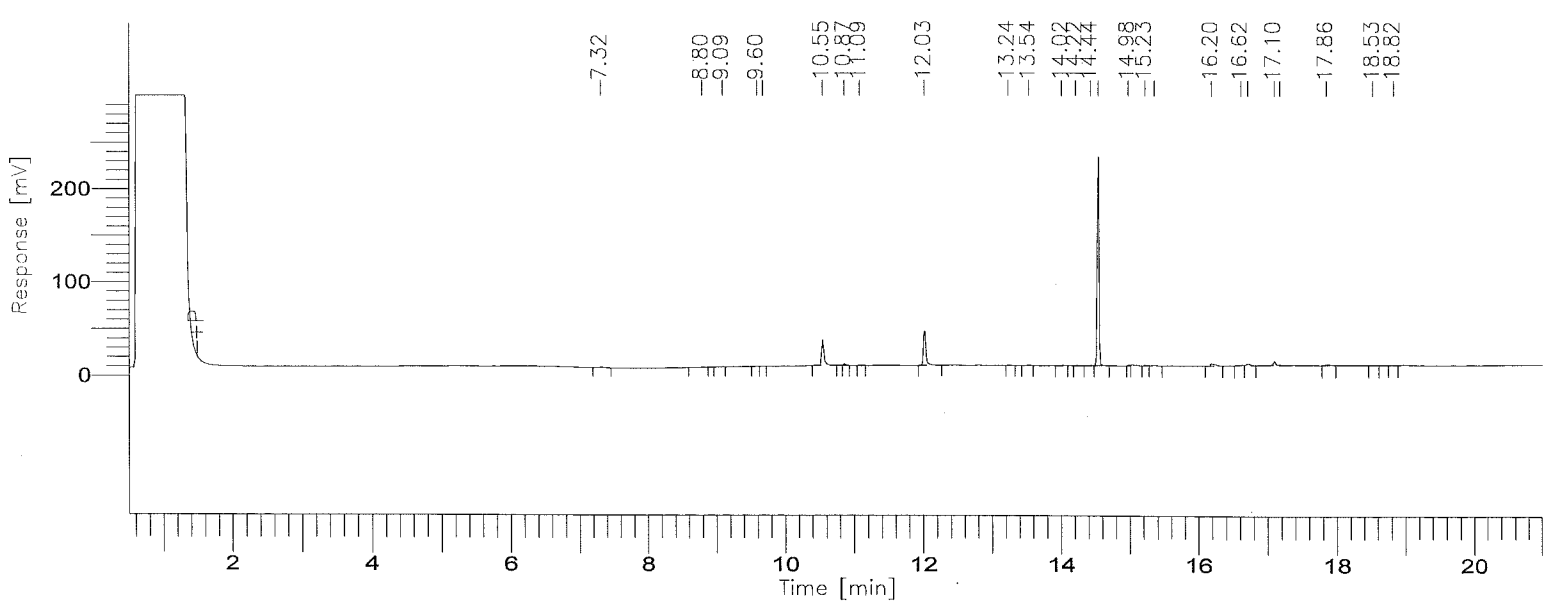
Raw Data File : C:\TC4\DATA_01\O13_052A.RAW
Result File : C:\TC4\DATA_01\O13_052A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_052A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 26



000952

BOE-C6-0155617

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	3506	0.082	------	10.0	
8.59	C14-C15	3456	0.072	------	10.0	
9.69	C16-C17	928	0.021	------	10.0	
10.72	C18-C19	70320	1.464	------	10.0	
12.02	C20-C23	95889	1.104	------	10.0	
13.53	C24-C27	5892	0.070	------	10.0	
14.82	C28-C31	397861	4.633	------	10.0	
15.90	C32-C35	10916	0.127	------	10.0	
16.99	C36-C39	23007	0.269	------	10.0	
19.29	C40+	6366	0.154	------	10.0	
		618141	7.996			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.31		3506	0.001	------	10.0	
		3506	0.001			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.80		2070	0.001	------	10.0	
9.09		1387	0.000	------	10.0	
		3456	0.001			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.60		481	0.000	------	10.0	
9.68		447	0.000	------	10.0	
		928	0.000			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.55		65468	0.016	------	10.0	
10.87		3406	0.001	------	10.0	
11.09		1446	0.000	------	10.0	
		70320	0.018			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.03		95889	0.024	------	10.0	
		95889	0.024			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.24		1287	0.000	------	10.0	
13.54		1254	0.000	------	10.0	
14.02		1446	0.000	------	10.0	
14.22		1904	0.000	------	10.0	

	5892	0.001

oup Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.44		2147	0.001	------	10.0	
14.55		390123	0.098	------	10.0	
14.98		1563	0.000	------	10.0	
15.23		2157	0.001	------	10.0	
15.36		1871	0.000	------	10.0	
		397861	0.099			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.20		10916	0.003	------	10.0	
		10916	0.003			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.62		3330	0.001	------	10.0	
16.72		7758	0.002	------	10.0	
17.10		10557	0.003	------	10.0	
17.18		1362	0.000	------	10.0	
		23007	0.006			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.86		4482	0.001	------	10.0	
1[illegible].53		954	0.000	------	10.0	
[illegible].82		929	0.000	------	10.0	
		6366	0.002			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_052A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-08 Time : 10/13/00 05:59 PM
Sample Number: DLH3J102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 05:39 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

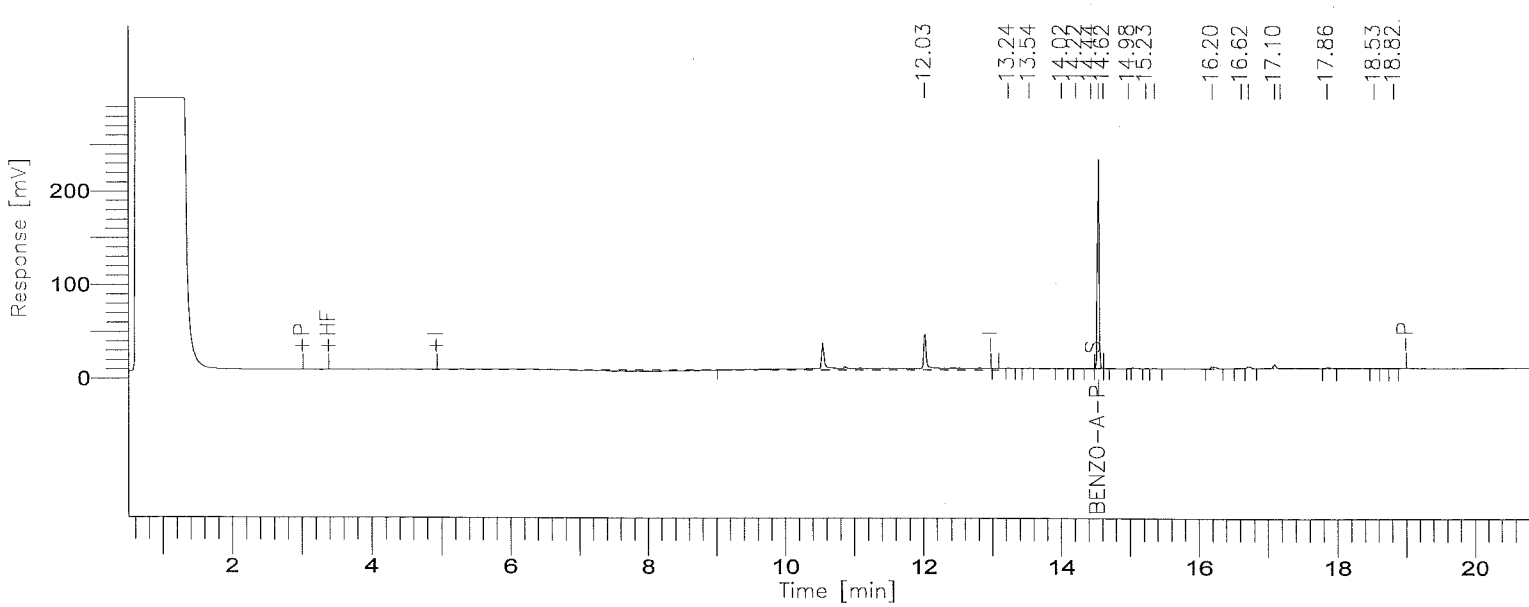
Raw Data File : C:\TC4\DATA_01\O13_052.RAW
Result File : C:\TC4\DATA_01\O13_052.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_052.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 19



000957

BOE-C6-0155622

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	389597	9.230	73.8	10.0	
		389597	9.230			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_052.TX0

Lot/Sample: E0J040125-009 C-2-62-5 TICs.....: N Report Results: Y
WO#.....: DLH3L-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/13/00
Inject Time..: 18:09 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_053A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:09:05
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			5.2360	10	5	J	J

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	11.337	90.696		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0J040125-009 C-2-62-5 TICs.....: N Report Results: Y
WO#.....: DLH3L-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Notes:

Software Version: 4.1<2F12>
Sample Name : 125-09 Time : 10/16/00 11:00 AM
Sample Number: DLH3L102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 06:09 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

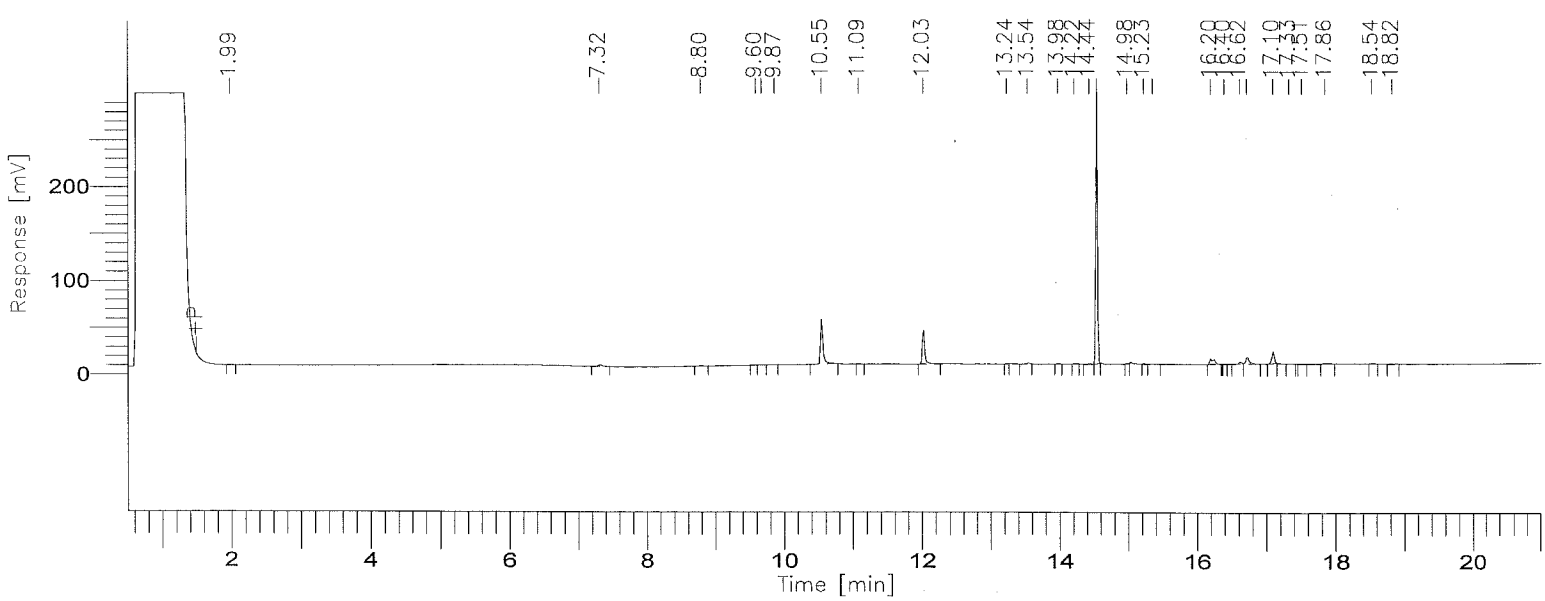
Raw Data File : C:\TC4\DATA_01\O13_053A.RAW
Result File : C:\TC4\DATA_01\O13_053A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_053A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 28



000961

BOE-C6-0155626

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	714	0.018	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	7474	0.174	------	10.0	
8.59	C14-C15	2537	0.053	------	10.0	
9.69	C16-C17	2481	0.057	------	10.0	
10.72	C18-C19	117656	2.449	------	10.0	
12.02	C20-C23	91060	1.048	------	10.0	
13.53	C24-C27	7900	0.094	------	10.0	
14.82	C28-C31	483776	5.634	------	10.0	
15.90	C32-C35	27115	0.315	------	10.0	
16.99	C36-C39	66420	0.775	------	10.0	
19.29	C40+	7905	0.191	------	10.0	
		815039	10.809			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
1.99		714	0.000	------	10.0	
		714	0.000			

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.32		7474	0.002	------	10.0	
		7474	0.002			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.80		2537	0.001	------	10.0	
		2537	0.001			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.60		860	0.000	------	10.0	
9.68		728	0.000	------	10.0	
9.87		893	0.000	------	10.0	
		2481	0.001			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.55		116237	0.029	------	10.0	
11.09		1420	0.000	------	10.0	
		117656	0.029			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.03		91060	0.023	------	10.0	
		91060	0.023			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
13.24		734	0.000	------	10.0	
13.54		3460	0.001	------	10.0	
13.98		1708	0.000	------	10.0	
14.22		1999	0.000	------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
		7900	0.002			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.44		2825	0.001	------	10.0	
14.55		475351	0.119	------	10.0	
14.98		1604	0.000	------	10.0	
15.23		2228	0.001	------	10.0	
15.36		1768	0.000	------	10.0	
		483776	0.121			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.20		26719	0.007	------	10.0	
16.40		396	9.900e-05	------	10.0	
		27115	0.007			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.62		6941	0.002	------	10.0	
16.72		26060	0.007	------	10.0	
17.10		31610	0.008	------	10.0	
17.33		844	0.000	------	10.0	
17.51		965	0.000	------	10.0	
		66420	0.017			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.86		4914	0.001	------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.53		1520	0.000	------	10.0	
18.82		1471	0.000	------	10.0	
		7905	0.002			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_053A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-09 Time : 10/13/00 06:30 PM
Sample Number: DLH3L102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 06:09 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

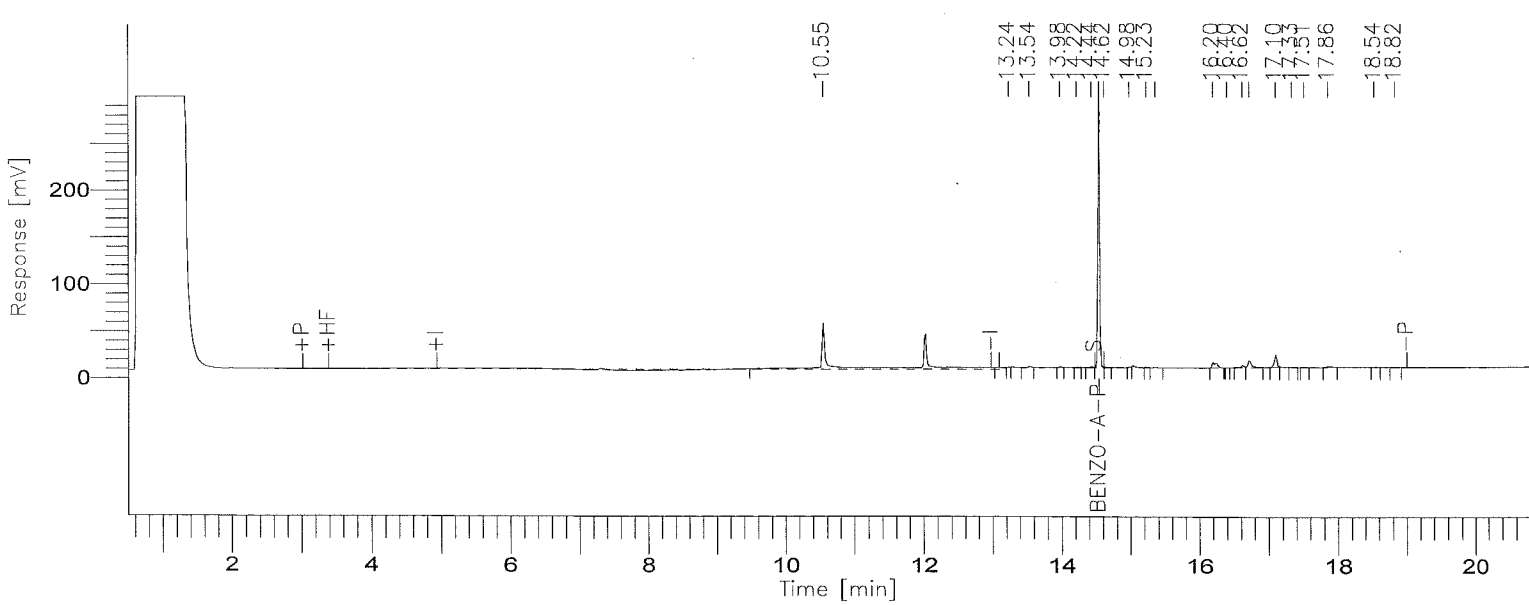
Raw Data File : C:\TC4\DATA_01\O13_053.RAW
Result File : C:\TC4\DATA_01\O13_053.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_053.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 21



000966

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	478532	11.337	90.7	10.0	
		478532	11.337			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_053.TX0

Lot/Sample: E0J040125-011 C-2-54-5 TICs.....: N Report Results: Y
WO#.....: DLH3N-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/13/00
Inject Time..: 18:39 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_054A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:09:31
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	10.433	83.464		

Software Version: 4.1<2F12>
Sample Name : 125-11 Time : 10/16/00 11:00 AM
Sample Number: DLH3N102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 06:39 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

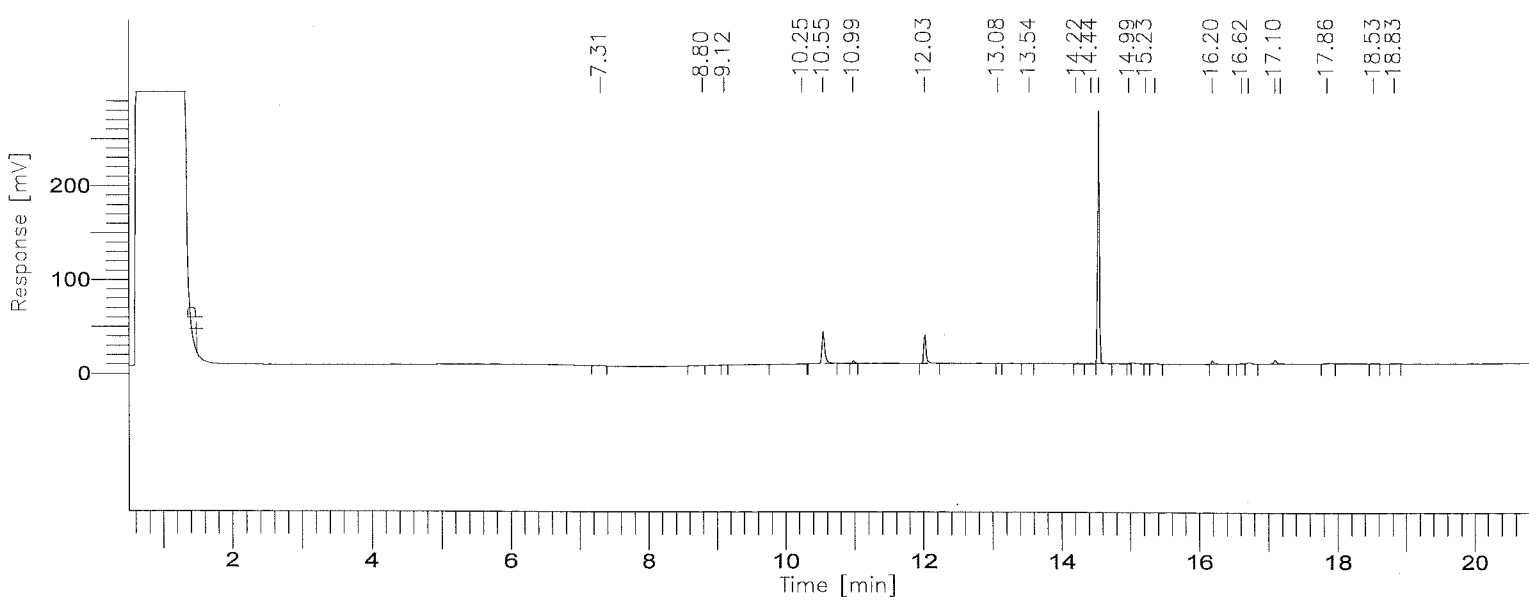
Raw Data File : C:\TC4\DATA_01\O13_054A.RAW
Result File : C:\TC4\DATA_01\O13_054A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_054A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 23



000969

BOE-C6-0155634

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	3589	0.084	------	10.0	
8.59	C14-C15	1977	0.041	------	10.0	
9.69	C16-C17	0	0.000	------	10.0	
10.72	C18-C19	102334	2.130	------	10.0	
12.02	C20-C23	76238	0.878	------	10.0	
13.53	C24-C27	3230	0.038	------	10.0	
14.82	C28-C31	448876	5.227	------	10.0	
15.90	C32-C35	10463	0.122	------	10.0	
16.99	C36-C39	17827	0.208	------	10.0	
19.29	C40+	6590	0.160	------	10.0	
		671124	8.888			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.31		3589	0.001	------	10.0	
		3589	0.001			

Group Report For : C14-C15

000970

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.80		1326	0.000	------	10.0	
9.12		651	0.000	------	10.0	
		1977	0.000			

Group Report For : C16-C17

No peaks available to report

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.25		3026	0.001	------	10.0	
10.55		93292	0.023	------	10.0	
10.99		6016	0.002	------	10.0	
		102334	0.026			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.03		76238	0.019	------	10.0	
		76238	0.019			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
13.08		368	9.200e-05	------	10.0	
13.54		839	0.000	------	10.0	
14.22		2023	0.001	------	10.0	
		3230	0.001			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].44		2429	0.001	------	10.0	
14.55		441180	0.110	------	10.0	
14.98		1762	0.000	------	10.0	
15.23		1796	0.000	------	10.0	
15.36		1709	0.000	------	10.0	
		448876	0.112			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.20		10463	0.003	------	10.0	
		10463	0.003			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.62		1207	0.000	------	10.0	
16.72		5539	0.001	------	10.0	
17.10		9574	0.002	------	10.0	
17.18		1508	0.000	------	10.0	
		17827	0.004			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.86		3958	0.001	------	10.0	
18.53		1086	0.000	------	10.0	
18.83		1546	0.000	------	10.0	
		6590	0.002			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

000972

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STL - LOS ANGELES

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Report stored in ASCII file: C:\TC4\DATA_01\O13_054A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-11 Time : 10/13/00 07:00 PM
Sample Number: DLH3N102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 06:39 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

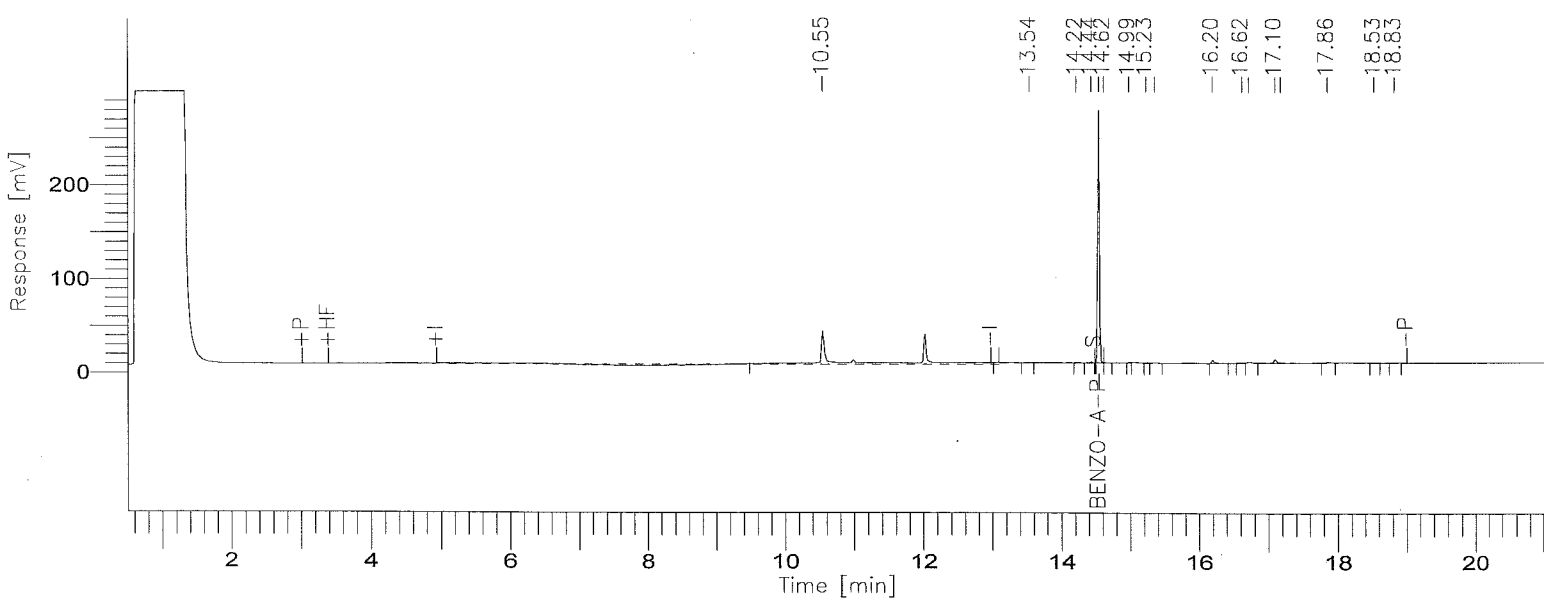
Raw Data File : C:\TC4\DATA_01\O13_054.RAW
Result File : C:\TC4\DATA_01\O13_054.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_054.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 17



000974

BOE-C6-0155639

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	440389	10.433	83.5	10.0	
		440389	10.433			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_054.TX0

Lot/Sample: E0J040125-012 C-2-55-5 TICs.....: N Report Results: Y
WO#.....: DLH3T-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/13/00
Inject Time..: 19:09 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_055A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:09:37
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	10.576	84.608		

Software Version: 4.1<2F12>
Sample Name : 125-12 Time : 10/16/00 11:01 AM
Sample Number: DLH3T102 Study : ICAL 10/3/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 07:09 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

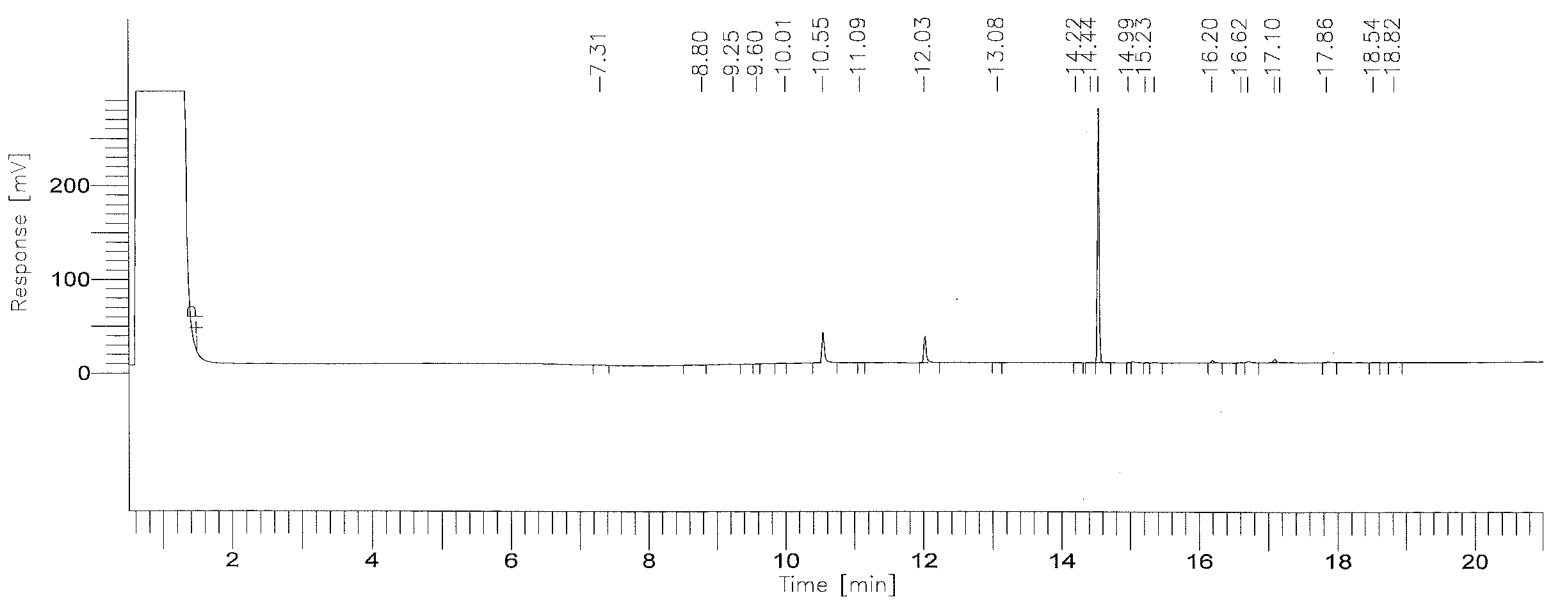
Raw Data File : C:\TC4\DATA_01\O13_055A.RAW
Result File : C:\TC4\DATA_01\O13_055A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_055A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 23



8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	3462	0.081	------	10.0	
8.59	C14-C15	1684	0.035	------	10.0	
9.69	C16-C17	5138	0.119	------	10.0	
10.72	C18-C19	79231	1.649	------	10.0	
12.02	C20-C23	71452	0.823	------	10.0	
13.53	C24-C27	2364	0.028	------	10.0	
14.82	C28-C31	454852	5.297	------	10.0	
15.90	C32-C35	9391	0.109	------	10.0	
16.99	C36-C39	19342	0.226	------	10.0	
19.29	C40+	7014	0.170	------	10.0	
		653931	8.536			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.31		3462	0.001	------	10.0	
		3462	0.001			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.80		1684	0.000	------	10.0	
		1684	0.000			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.25		3938	0.001	------	10.0	
9.60		620	0.000	------	10.0	
10.01		580	0.000	------	10.0	
		5138	0.001			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].55		78660	0.020	------	10.0	
11.09		571	0.000	------	10.0	
		79231	0.020			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.03		71452	0.018	------	10.0	
		71452	0.018			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible] 08		380	9.500e-05	------	10.0	
[illegible].22		1984	0.000	------	10.0	
		2364	0.001			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.44		2472	0.001	------	10.0	
14.55		447200	0.112	------	10.0	
14.98		1716	0.000	------	10.0	
15.23		1887	0.000	------	10.0	
15.36		1578	0.000	------	10.0	
		454852	0.114			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.20		9391	0.002	------	10.0	
		9391	0.002			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.62		1286	0.000	------	10.0	
16.72		6281	0.002	------	10.0	
17.10		10516	0.003	------	10.0	
17.18		1259	0.000	------	10.0	
		19342	0.005			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.86		4288	0.001	------	10.0	
18.53		1030	0.000	------	10.0	
18.82		1697	0.000	------	10.0	
		7014	0.002			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

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. L - LOS ANGELES

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Report stored in ASCII file: C:\TC4\DATA_01\O13_055A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-12 Time : 10/13/00 07:30 PM
Sample Number: DLH3T102 Study : ICAL 10/3/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 07:09 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

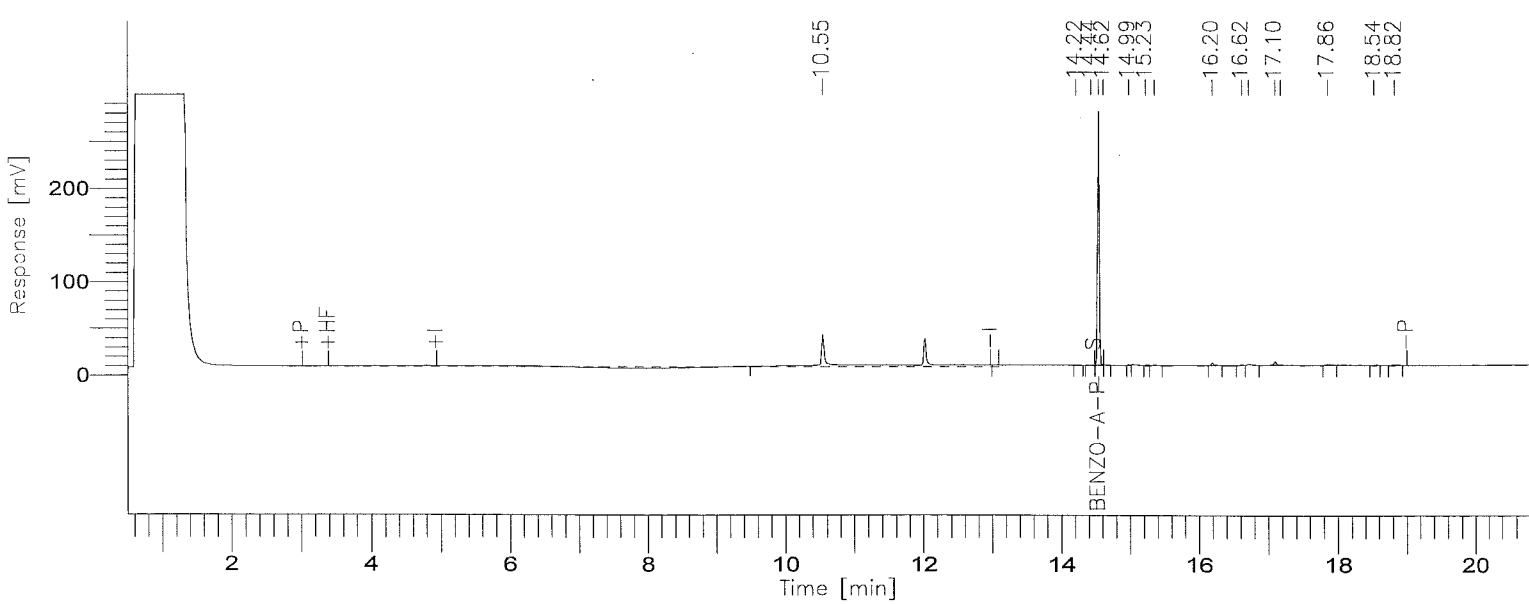
Raw Data File : C:\TC4\DATA_01\O13_055.RAW
Result File : C:\TC4\DATA_01\O13_055.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_055.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 16



000982

BOE-C6-0155647

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	446410	10.576	84.6	10.0	
		446410	10.576			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_055.TX0

Lot/Sample: E0J040125-018 C-2-58-1.5 TICs.....: N Report Results: Y
WO#.....: DLH47-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/13/00
Inject Time..: 19:39 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_056A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:09:51
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	11.551	92.408		

Software Version: 4.1<2F12>
Sample Name : 125-18 Time : 10/16/00 11:01 AM
Sample Number: DLH47102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 07:39 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

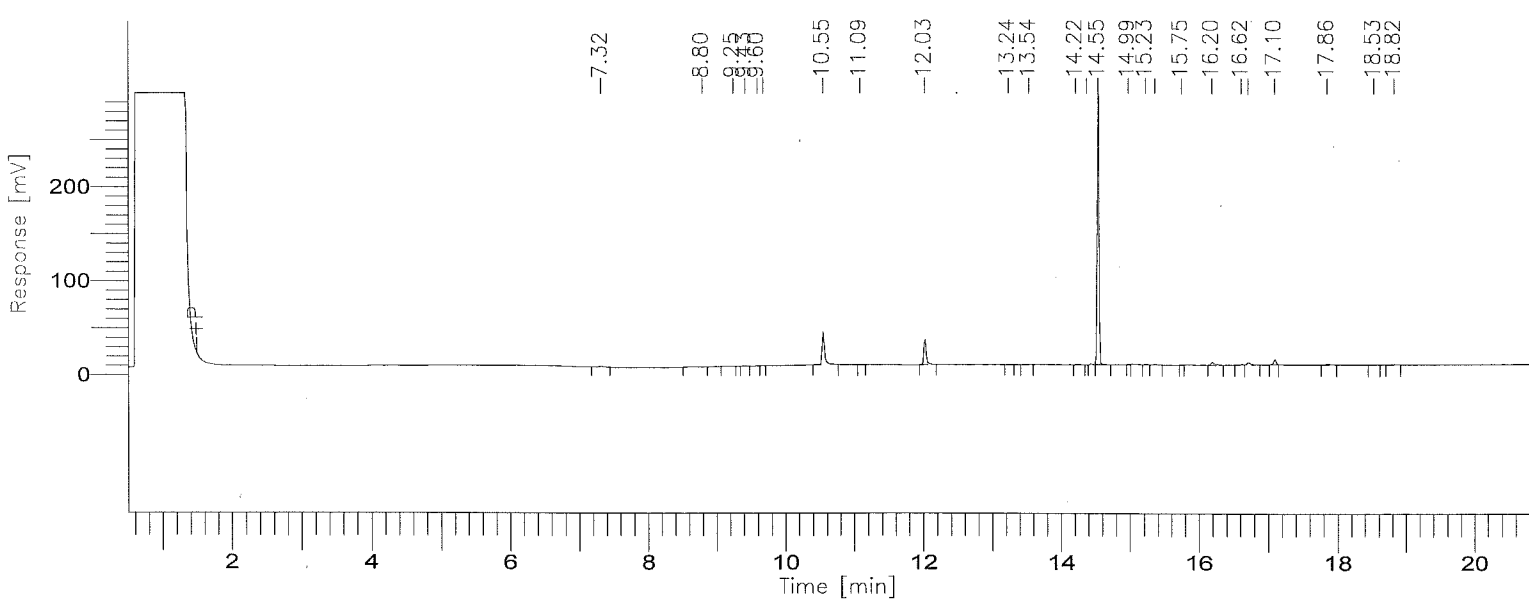
Raw Data File : C:\TC4\DATA_01\O13_056A.RAW
Result File : C:\TC4\DATA_01\O13_056A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_056A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 25



000985

BOE-C6-0155650

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	4797	0.112	------	10.0	
8.59	C14-C15	2326	0.048	------	10.0	
9.69	C16-C17	2491	0.058	------	10.0	
10.72	C18-C19	86816	1.807	------	10.0	
12.02	C20-C23	66568	0.766	------	10.0	
13.53	C24-C27	5216	0.062	------	10.0	
14.82	C28-C31	494502	5.759	------	10.0	
15.90	C32-C35	12811	0.149	------	10.0	
16.99	C36-C39	26304	0.307	------	10.0	
19.29	C40+	6871	0.166	------	10.0	
		708700	9.234			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.32		4797	0.001	------	10.0	
		4797	0.001			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.80		2326	0.001	------	10.0	
		2326	0.001			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.25		1221	0.000	------	10.0	
9.43		692	0.000	------	10.0	
9.60		296	7.398e-05	------	10.0	
9.69		282	7.062e-05	------	10.0	
		2491	0.001			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.55		85787	0.021	------	10.0	
11.09		1028	0.000	------	10.0	
		86816	0.022			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.03		66568	0.017	------	10.0	
		66568	0.017			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].24		1281	0.000	------	10.0	
13.54		1623	0.000	------	10.0	
14.22		2312	0.001	------	10.0	
		5216	0.001			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.38		303	7.575e-05	------	10.0	
14.55		488348	0.122	------	10.0	
14.98		1919	0.000	------	10.0	
15.23		2200	0.001	------	10.0	
15.36		1731	0.000	------	10.0	
		494502	0.124			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.75		369	9.225e-05	------	10.0	
16.20		12442	0.003	------	10.0	
		12811	0.003			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.62		2466	0.001	------	10.0	
16.72		10602	0.003	------	10.0	
17.10		13236	0.003	------	10.0	
		26304	0.007			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.86		4108	0.001	------	10.0	
18.53		998	0.000	------	10.0	
18.82		1766	0.000	------	10.0	
		6871	0.002			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

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- LOS ANGELES

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Report stored in ASCII file: C:\TC4\DATA_01\O13_056A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-18 Time : 10/13/00 08:00 PM
Sample Number: DLH47102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 07:39 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

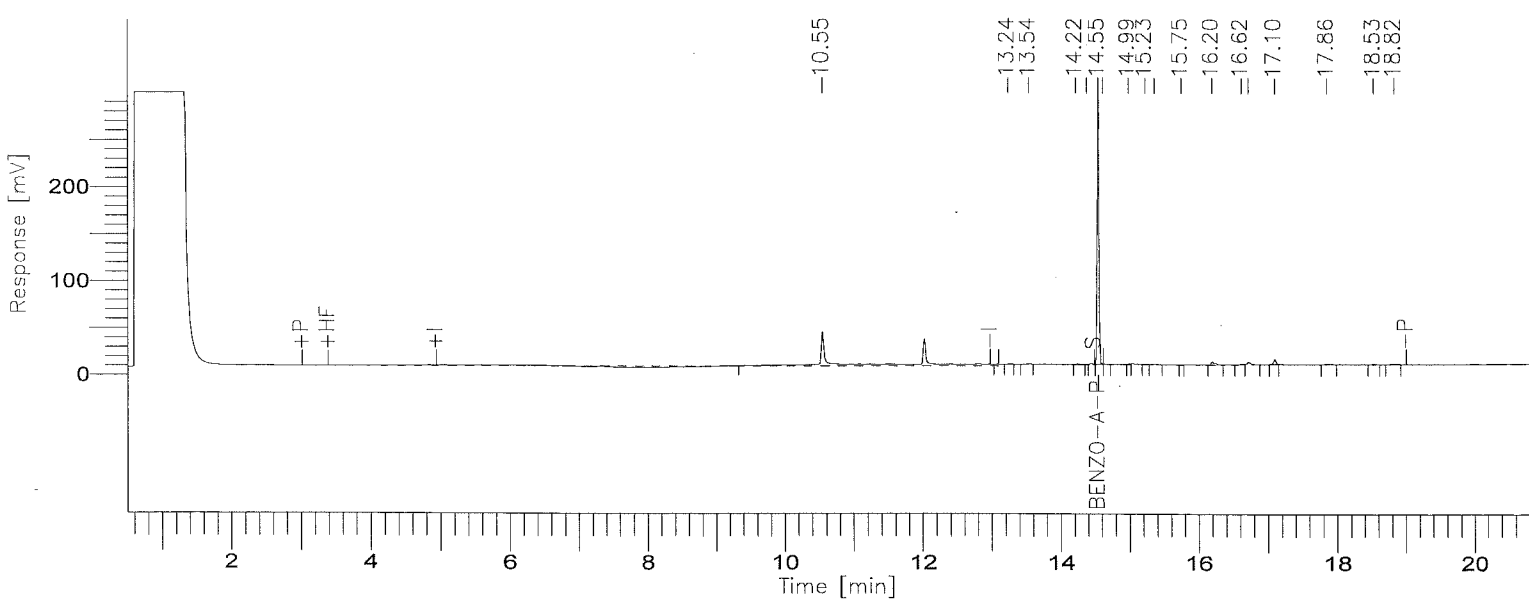
Raw Data File : C:\TC4\DATA_01\O13_056.RAW
Result File : C:\TC4\DATA_01\O13_056.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_056.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 18



000990

BOE-C6-0155655

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	487566	11.551	92.4	10.0	
		487566	11.551			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_056.TX0

Lot/Sample: E0J040125-019 C-2-58-5 TICs.....: N Report Results: Y
WO#.....: DLH48-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/13/00
Inject Time..: 20:10 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_057A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:09:58
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	12.119	96.952		

Software Version: 4.1<2F12>
Sample Name : 125-19 Time : 10/16/00 11:01 AM
Sample Number: DLH48102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 08:10 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

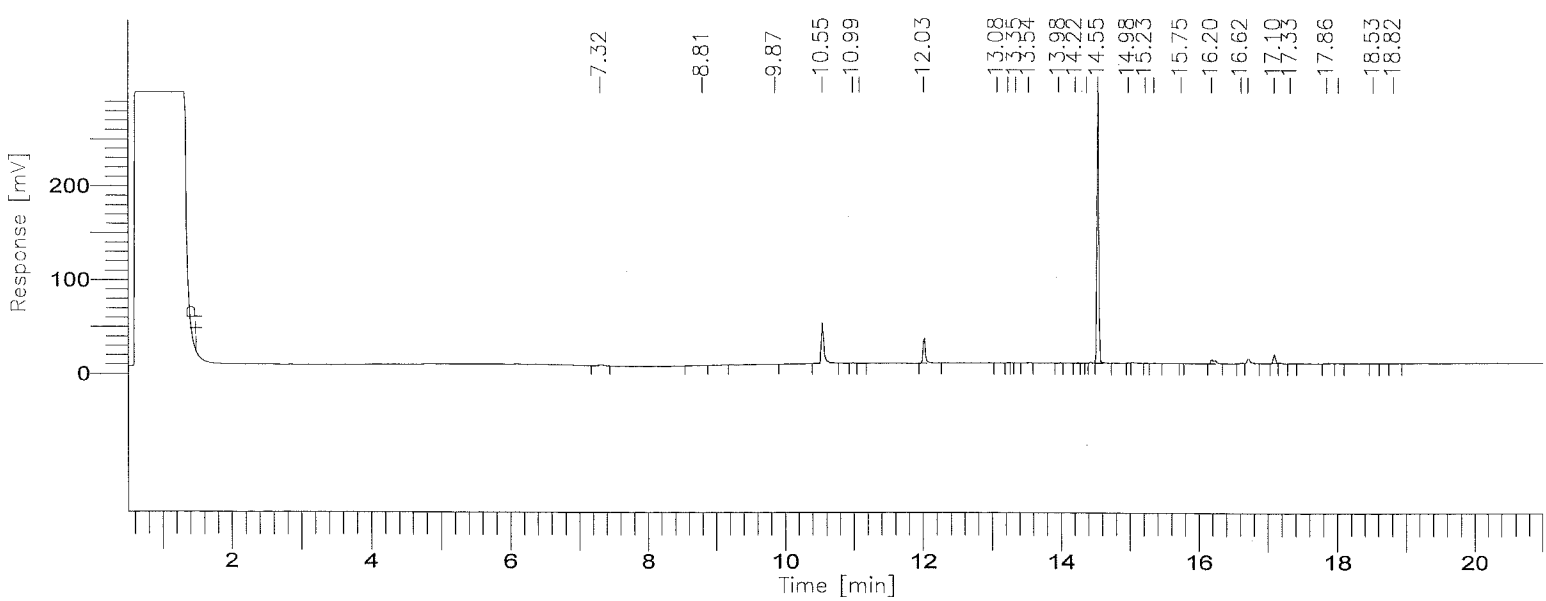
Raw Data File : C:\TC4\DATA_01\O13_057A.RAW
Result File : C:\TC4\DATA_01\O13_057A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_057A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 28



000993

BOE-C6-0155658

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	6601	0.154	------	10.0	
8.59	C14-C15	1658	0.034	------	10.0	
9.69	C16-C17	5033	0.116	------	10.0	
10.72	C18-C19	112041	2.332	------	10.0	
12.02	C20-C23	68662	0.791	------	10.0	
13.53	C24-C27	8340	0.099	------	10.0	
14.82	C28-C31	518109	6.034	------	10.0	
15.90	C32-C35	20652	0.240	------	10.0	
16.99	C36-C39	43088	0.503	------	10.0	
19.29	C40+	8821	0.214	------	10.0	
		793005	10.517			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.32		6601	0.002	------	10.0	
		6601	0.002			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.81		1658	0.000	------	10.0	
		1658	0.000			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.87		5033	0.001	------	10.0	
		5033	0.001			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.55		108788	0.027	------	10.0	
[illegible] 99		1812	0.000	------	10.0	
[illegible].09		1441	0.000	------	10.0	
		112041	0.028			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.03		68662	0.017	------	10.0	
		68662	0.017			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
13.08		572	0.000	------	10.0	
[illegible] 24		1322	0.000	------	10.0	
[illegible].35		277	6.925e-05	------	10.0	
13.54		2882	0.001	------	10.0	
13.98		1152	0.000	------	10.0	
14.22		2134	0.001	------	10.0	

8340	0.002	

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.38		328	8.187e-05	------	10.0	
14.55		512692	0.128	------	10.0	
14.98		1784	0.000	------	10.0	
15.23		1944	0.000	------	10.0	
15.36		1362	0.000	------	10.0	
		518109	0.130			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.75		357	8.925e-05	------	10.0	
16.20		20294	0.005	------	10.0	
		20652	0.005			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.62		3661	0.001	------	10.0	
16.72		18505	0.005	------	10.0	
17.10		20140	0.005	------	10.0	
17.33		782	0.000	------	10.0	
		43088	0.011			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.86		4495	0.001	------	10.0	
18.03		1068	0.000	------	10.0	
18.53		1294	0.000	------	10.0	
18.82		1964	0.000	------	10.0	
		8821	0.002			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_057A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-19 Time : 10/13/00 08:30 PM
Sample Number: DLH48102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 08:10 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

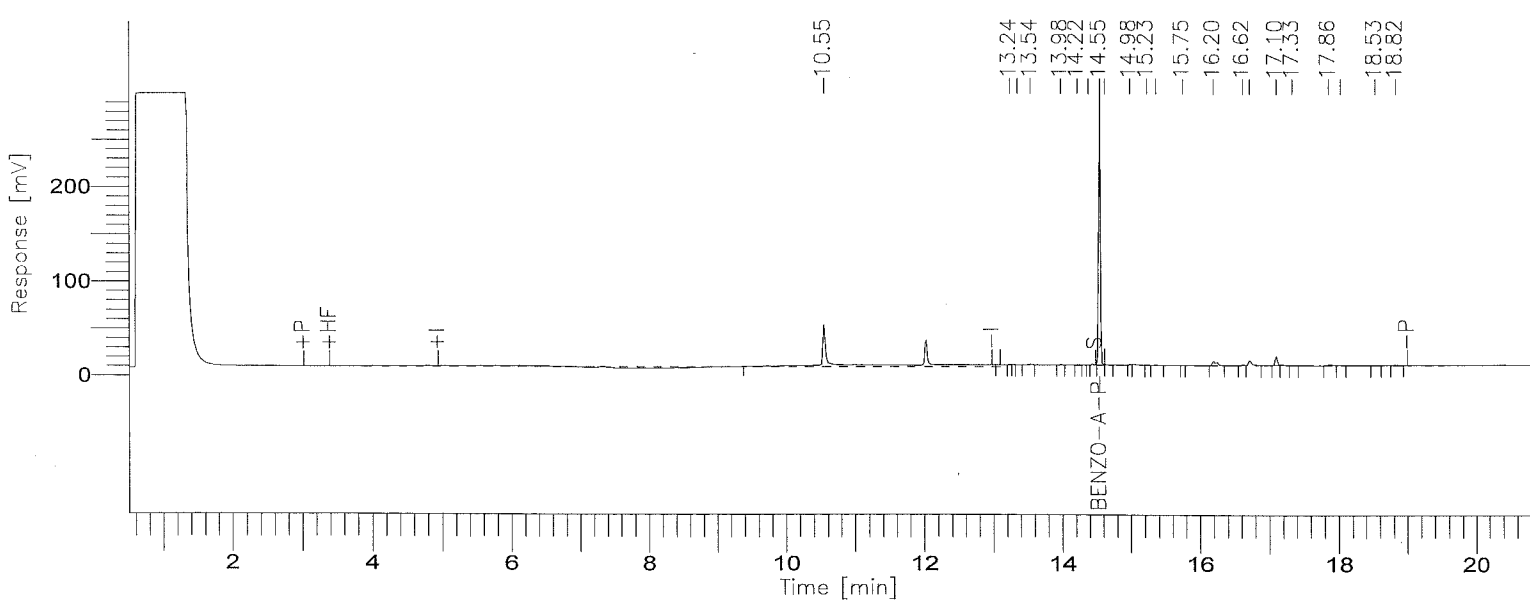
Raw Data File : C:\TC4\DATA_01\O13_057.RAW
Result File : C:\TC4\DATA_01\O13_057.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_057.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 22



000998

BOE-C6-0155663

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	511560	12.119	97.0	10.0	
		511560	12.119			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_057.TX0

Lot/Sample: E0J040125-020 C-2-59-1 TICs.....: N Report Results: Y
WO#.....: DLH4A-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/13/00
Inject Time..: 20:40 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_058A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:10:11
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	11.362	90.896		

Software Version: 4.1<2F12>
Sample Name : 125-20 Time : 10/16/00 11:01 AM
Sample Number: DLH4A102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 08:40 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

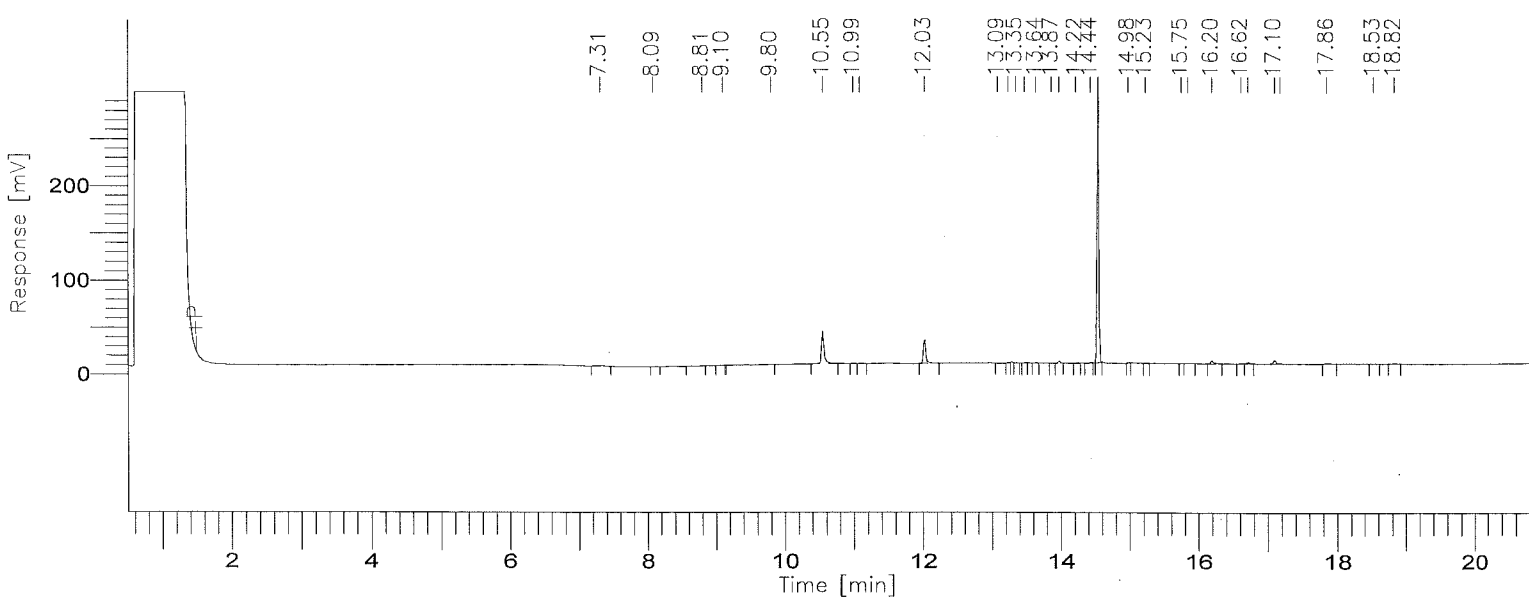
Raw Data File : C:\TC4\DATA_01\O13_058A.RAW
Result File : C:\TC4\DATA_01\O13_058A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_058A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 31



001001

BOE-C6-0155666

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	4617	0.108	------	10.0	
8.59	C14-C15	2619	0.054	------	10.0	
9.69	C16-C17	2202	0.051	------	10.0	
10.72	C18-C19	88653	1.846	------	10.0	
12.02	C20-C23	64277	0.740	------	10.0	
13.53	C24-C27	11232	0.134	------	10.0	
14.82	C28-C31	479636	5.585	------	10.0	
15.90	C32-C35	11407	0.132	------	10.0	
16.99	C36-C39	16784	0.196	------	10.0	
19.29	C40+	7238	0.175	------	10.0	
		688664	9.021			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.31		4617	0.001	------	10.0	
		4617	0.001			

Group Report For : C14-C15

001002

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.09		522	0.000	------	10.0	
8.81		1662	0.000	------	10.0	
9.10		435	0.000	------	10.0	
		2619	0.001			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.80		2202	0.001	------	10.0	
		2202	0.001			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.55		86167	0.022	------	10.0	
10.99		1267	0.000	------	10.0	
11.09		1219	0.000	------	10.0	
		88653	0.022			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.03		64277	0.016	------	10.0	
		64277	0.016			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
13.09		664	0.000	------	10.0	
13.24		1092	0.000	------	10.0	
13.35		454	0.000	------	10.0	
13.48		1356	0.000	------	10.0	
13.64		1371	0.000	------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.87		421	0.000	------	10.0	
13.98		3929	0.001	------	10.0	
14.22		1945	0.000	------	10.0	
		11232	0.003			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.44		1464	0.000	------	10.0	
14.55		474589	0.119	------	10.0	
14.98		1700	0.000	------	10.0	
15.23		1882	0.000	------	10.0	
		479636	0.120			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.75		748	0.000	------	10.0	
15.85		1482	0.000	------	10.0	
16.20		9177	0.002	------	10.0	
		11407	0.003			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.62		974	0.000	------	10.0	
16.72		3980	0.001	------	10.0	
17.10		10294	0.003	------	10.0	
17.18		1535	0.000	------	10.0	
		16784	0.004			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

17.86	4171	0.001	------	10.0
[illegible].53	1194	0.000	------	10.0
[illegible].82	1872	0.000	------	10.0
	7238	0.002		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_058A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-20 Time : 10/13/00 09:00 PM
Sample Number: DLH4A102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 08:40 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

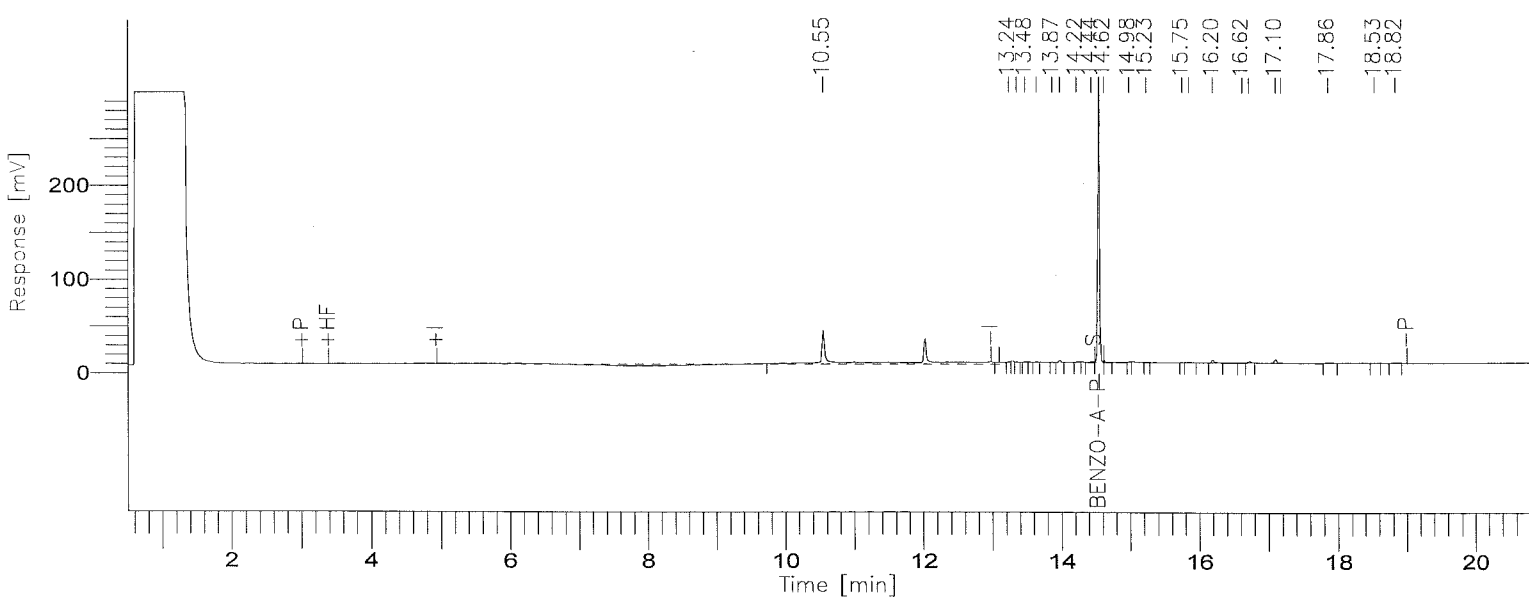
Raw Data File : C:\TC4\DATA_01\O13_058.RAW
Result File : C:\TC4\DATA_01\O13_058.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_058.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 23



001006

BOE-C6-0155671

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	479613	11.362	90.9	10.0	
		479613	11.362			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_058.TX0

Lot/Sample: E0J040125-021 C-2-49-5 TICs.....: N Report Results: Y
WO#.....: DLH4D-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/13/00
Inject Time..: 21:10 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_059A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:10:19
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	11.829	94.632		

Software Version: 4.1<2F12>
Sample Name : 125-21 Time : 10/16/00 11:01 AM
Sample Number: DLH4D102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 09:10 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

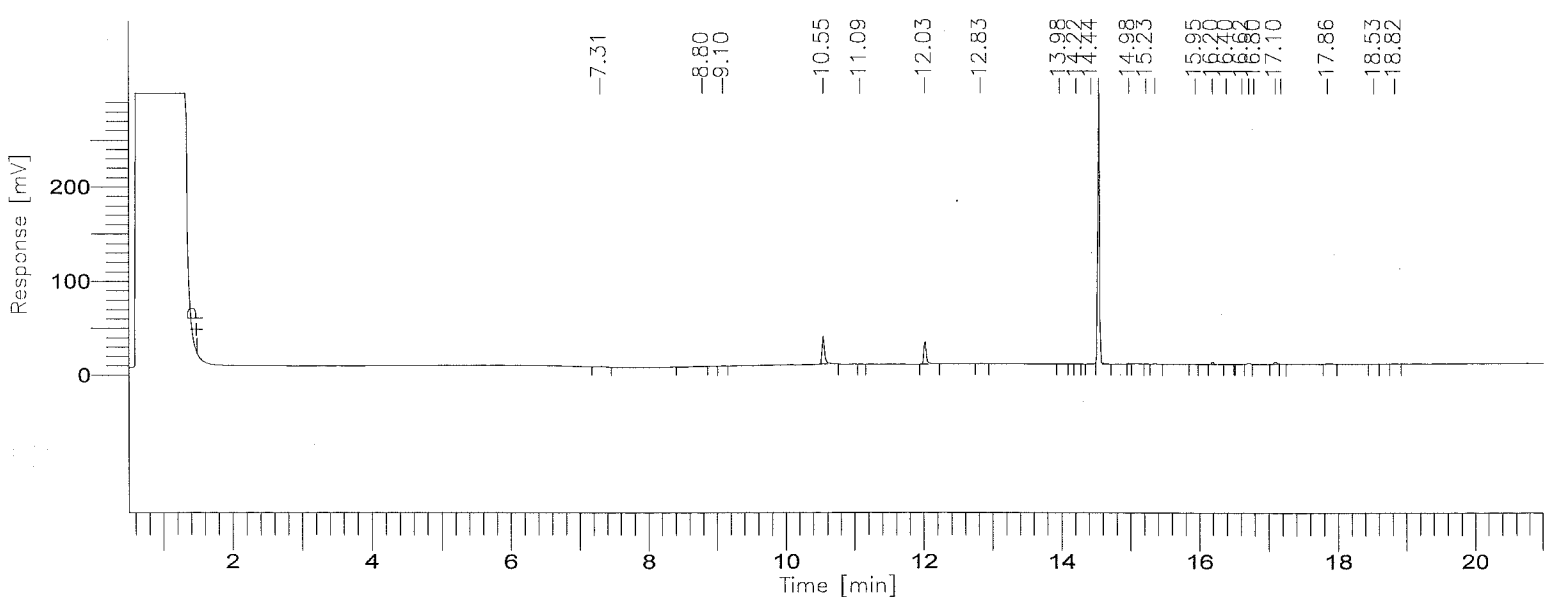
Raw Data File : C:\TC4\DATA_01\O13_059A.RAW
Result File : C:\TC4\DATA_01\O13_059A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_059A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 25



001009

BOE-C6-0155674

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	3627	0.084	------	10.0	
8.59	C14-C15	4032	0.084	------	10.0	
9.69	C16-C17	0	0.000	------	10.0	
10.72	C18-C19	79675	1.659	------	10.0	
12.02	C20-C23	61131	0.704	------	10.0	
13.53	C24-C27	3694	0.044	------	10.0	
14.82	C28-C31	509920	5.938	------	10.0	
15.90	C32-C35	7458	0.087	------	10.0	
16.99	C36-C39	17351	0.203	------	10.0	
19.29	C40+	6336	0.153	------	10.0	
		693224	8.955			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.31		3627	0.001	------	10.0	
		3627	0.001			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.80		2223	0.001	------	10.0	
9.10		1809	0.000	------	10.0	
		4032	0.001			

Group Report For : C16-C17

No peaks available to report

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.55		78699	0.020	------	10.0	
11.09		976	0.000	------	10.0	
		79675	0.020			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.03		61131	0.015	------	10.0	
		61131	0.015			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.83		1032	0.000	------	10.0	
13.98		607	0.000	------	10.0	
14.22		2055	0.001	------	10.0	
		3694	0.001			

Group Report For : C28-C31

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
14.44		3520	0.001	------	10.0
.55		500061	0.125	------	10.0
14.98		2150	0.001	------	10.0
15.23		2132	0.001	------	10.0
15.36		2057	0.001	------	10.0
		509920	0.127		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.95		493	0.000	------	10.0	
16.20		6965	0.002	------	10.0	
		7458	0.002			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.40		1134	0.000	------	10.0	
16.62		1153	0.000	------	10.0	
16.72		3946	0.001	------	10.0	
16.80		2754	0.001	------	10.0	
17.10		6932	0.002	------	10.0	
17.18		1432	0.000	------	10.0	
		17351	0.004			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.86		3756	0.001	------	10.0	
18.53		762	0.000	------	10.0	
18.82		1818	0.000	------	10.0	
		6336	0.002			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

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LOS ANGELES

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Report stored in ASCII file: C:\TC4\DATA_01\O13_059A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-21 Time : 10/13/00 09:30 PM
Sample Number: DLH4D102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 09:10 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

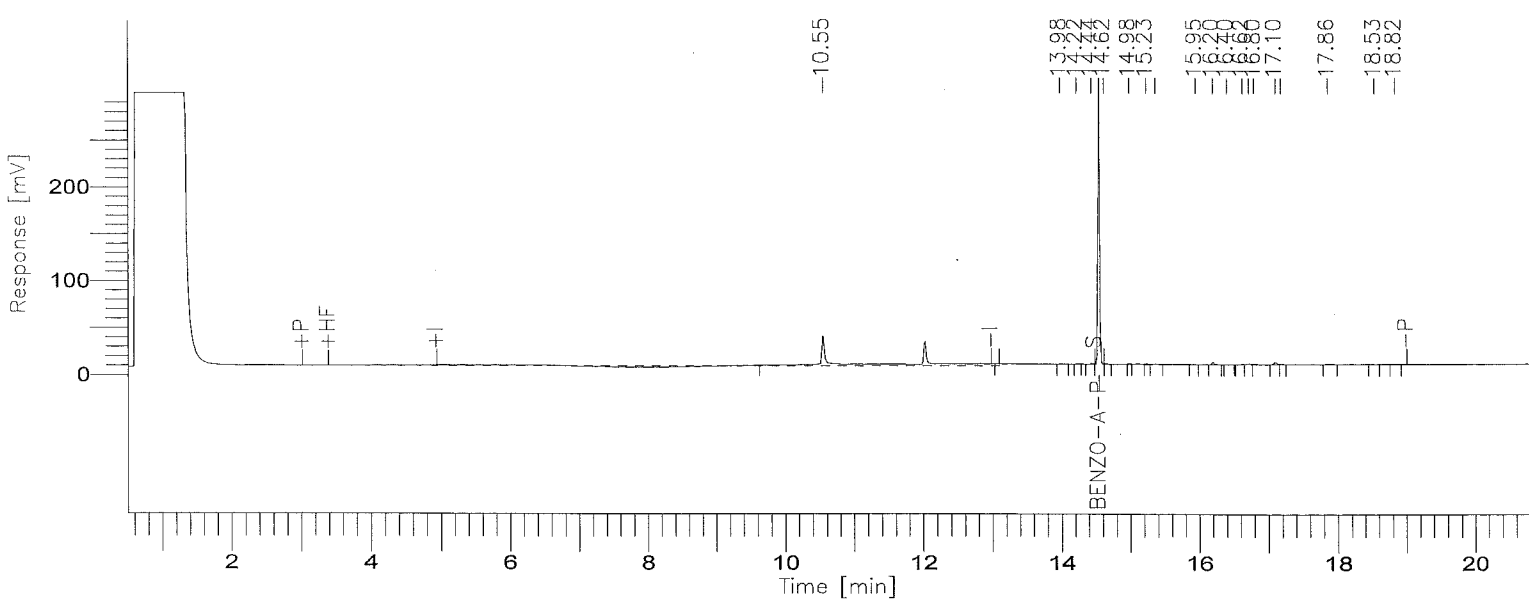
Raw Data File : C:\TC4\DATA_01\O13_059.RAW
Result File : C:\TC4\DATA_01\O13_059.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_059.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 20



001014

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	499335	11.829	94.6	10.0	
		499335	11.829			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_059.TX0

Lot/Sample: E0J040125-023 C-2-50-1 TICs.....: N Report Results: Y
WO#.....: DLH4F-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/13/00
Inject Time..: 21:40 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_060A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:10:32
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	11.174	89.392		

Software Version: 4.1<2F12>
Sample Name : 125-23 Time : 10/16/00 11:01 AM
Sample Number: DLH4F102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 09:40 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

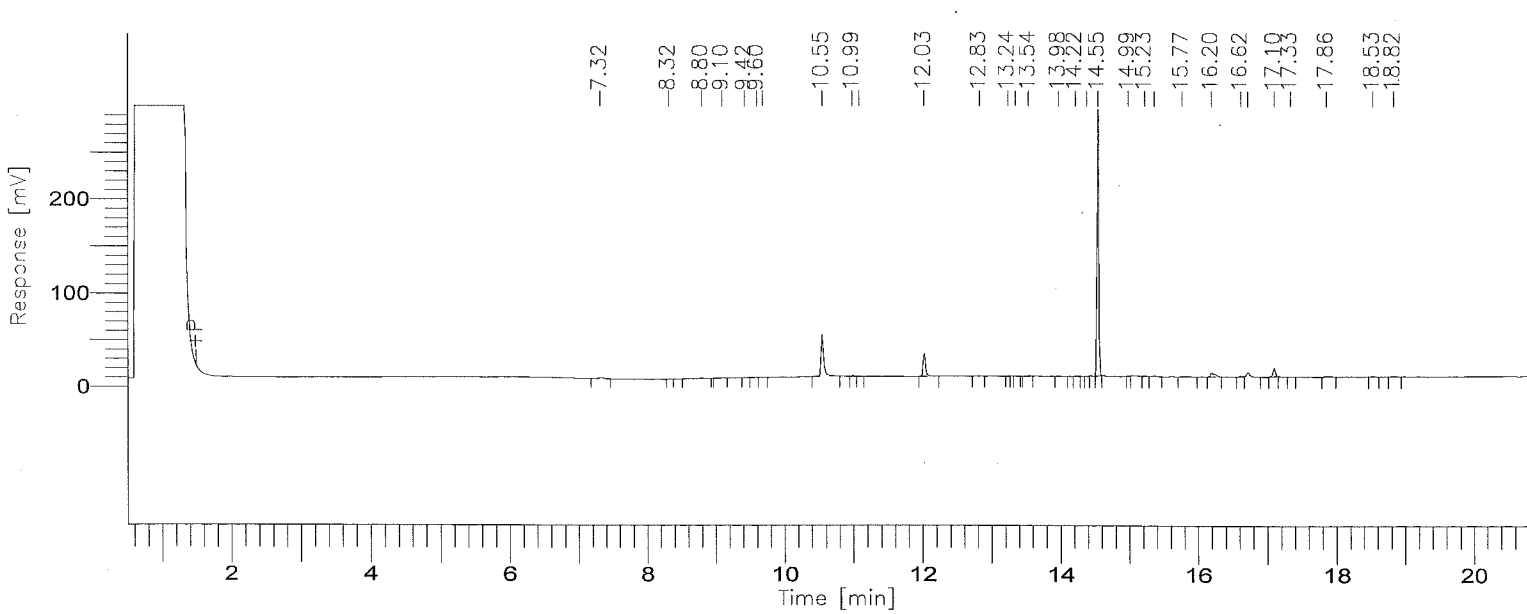
Raw Data File : C:\TC4\DATA_01\O13_060A.RAW
Result File : C:\TC4\DATA_01\O13_060A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_060A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 31



001017

BOE-C6-0155682

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	7322	0.171	------	10.0	
8.59	C14-C15	5708	0.118	------	10.0	
9.69	C16-C17	1562	0.036	------	10.0	
10.72	C18-C19	117876	2.454	------	10.0	
12.02	C20-C23	62683	0.722	------	10.0	
13.53	C24-C27	8738	0.104	------	10.0	
14.82	C28-C31	475096	5.533	------	10.0	
15.90	C32-C35	21438	0.249	------	10.0	
16.99	C36-C39	41583	0.485	------	10.0	
19.29	C40+	7710	0.187	------	10.0	
		749715	10.058			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.32		7322	0.002	------	10.0	
		7322	0.002			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.32		513	0.000	------	10.0	
8.80		3684	0.001	------	10.0	
9.10		1511	0.000	------	10.0	
		5708	0.001			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.42		654	0.000	------	10.0	
9.60		406	0.000	------	10.0	
9.68		502	0.000	------	10.0	
		1562	0.000			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.55		114531	0.029	------	10.0	
10.99		2658	0.001	------	10.0	
11.09		687	0.000	------	10.0	
		117876	0.029			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.03		62683	0.016	------	10.0	
		62683	0.016			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.83		1044	0.000	------	10.0	
13.24		1481	0.000	------	10.0	
13.35		398	9.950e-05	------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.54		2338	0.001	------	10.0	
13.98		1380	0.000	------	10.0	
14.22		2097	0.001	------	10.0	
		8738	0.002			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.38		724	0.000	------	10.0	
14.55		466890	0.117	------	10.0	
14.98		1616	0.000	------	10.0	
15.23		3953	0.001	------	10.0	
15.36		1913	0.000	------	10.0	
		475096	0.119			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.77		2754	0.001	------	10.0	
16.20		18683	0.005	------	10.0	
		21438	0.005			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.62		3792	0.001	------	10.0	
16.72		16032	0.004	------	10.0	
17.10		21238	0.005	------	10.0	
17.33		522	0.000	------	10.0	
		41583	0.010			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

17.86	4173	0.001	------	10.0
1[illegible].53	1300	0.000	------	10.0
[illegible].82	2237	0.001	------	10.0
	7710	0.002		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_060A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-23 Time : 10/13/00 10:00 PM
Sample Number: DLH4F102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 09:40 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

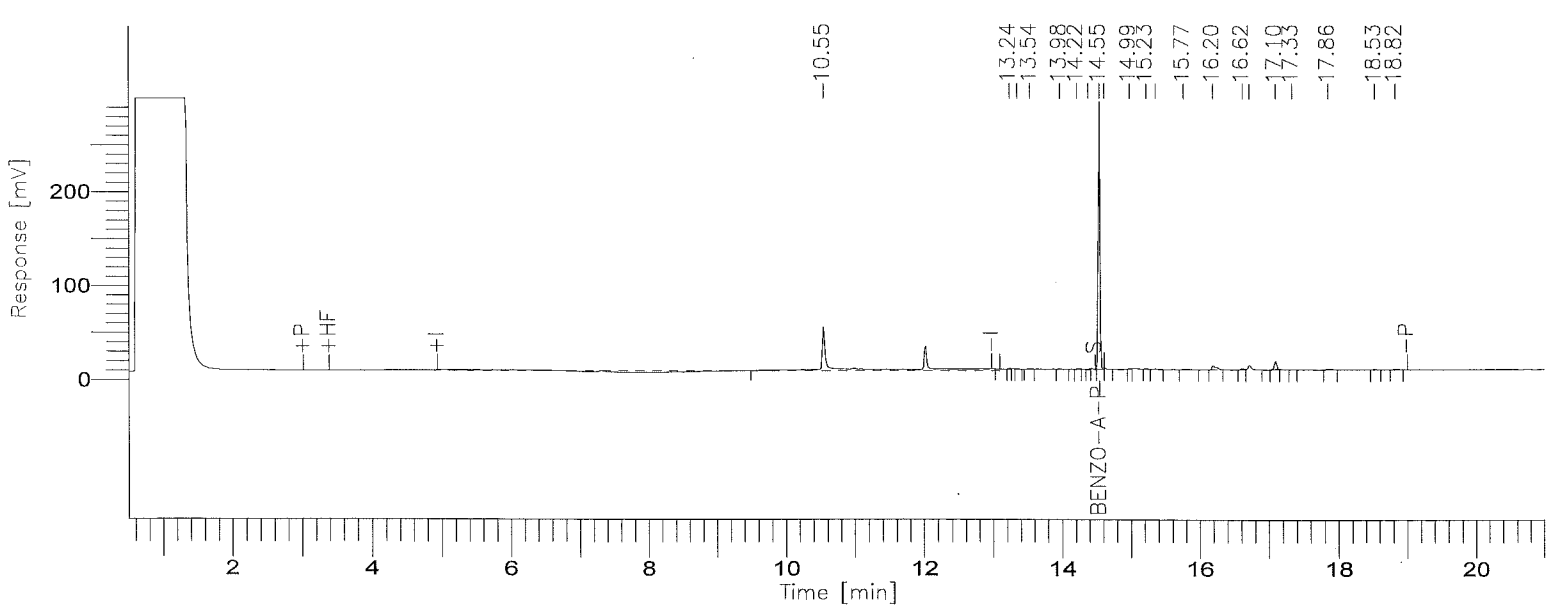
Raw Data File : C:\TC4\DATA_01\O13_060.RAW
Result File : C:\TC4\DATA_01\O13_060.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_060.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 21



001022

BOE-C6-0155687

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	471662	11.174	89.4	10.0	
		471662	11.174			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_060.TX0

Lot/Sample: E0J040125-024 C-2-50-5 TICs.....: N Report Results: Y
WO#.....: DLH4J-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/13/00
Inject Time..: 23:10 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_063A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:19:46
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	11.927	95.416		

Software Version: 4.1<2F12>
Sample Name : 125-24 Time : 10/16/00 11:05 AM
Sample Number: DLH4J102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 11:10 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

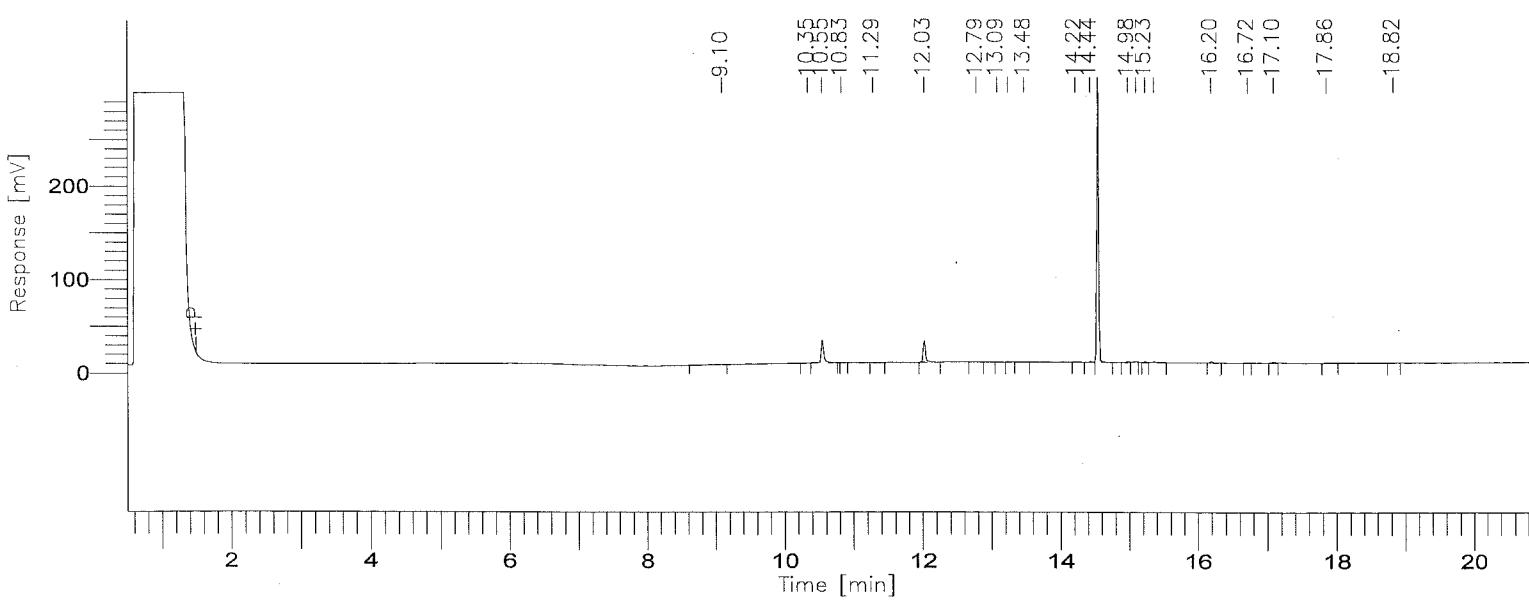
Raw Data File : C:\TC4\DATA_01\O13_063A.RAW
Result File : C:\TC4\DATA_01\O13_063A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_063A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 22



001025

BOE-C6-0155690

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	0	0.000	------	10.0	
8.59	C14-C15	2857	0.059	------	10.0	
9.69	C16-C17	0	0.000	------	10.0	
10.72	C18-C19	60624	1.262	------	10.0	
12.02	C20-C23	60912	0.701	------	10.0	
13.53	C24-C27	6631	0.079	------	10.0	
14.82	C28-C31	517316	6.024	------	10.0	
15.90	C32-C35	4373	0.051	------	10.0	
16.99	C36-C39	5668	0.066	------	10.0	
19.29	C40+	6358	0.154	------	10.0	
		664738	8.397			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

No peaks available to report

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

9.10	2857	0.001	------	10.0
	2857	0.001		

Group Report For : C16-C17

No peaks available to report

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.35		338	8.450e-05	------	10.0	
10.55		59992	0.015	------	10.0	
10.83		293	7.325e-05	------	10.0	
		60624	0.015			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.29		965	0.000	------	10.0	
12.03		58526	0.015	------	10.0	
12.78		1420	0.000	------	10.0	
		60912	0.015			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
13.08		772	0.000	------	10.0	
13.24		1821	0.000	------	10.0	
13.48		1469	0.000	------	10.0	
14.22		2568	0.001	------	10.0	
		6631	0.002			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.44		2810	0.001	------	10.0	
14.55		504337	0.126	------	10.0	
14.98		2506	0.001	------	10.0	
15.10		2812	0.001	------	10.0	
15.23		2477	0.001	------	10.0	
15.36		2374	0.001	------	10.0	
		517316	0.129			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.20		4373	0.001	------	10.0	
		4373	0.001			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.72		372	9.300e-05	------	10.0	
17.10		5296	0.001	------	10.0	
		5668	0.001			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.86		4227	0.001	------	10.0	
18.82		2130	0.001	------	10.0	
		6358	0.002			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

==========

Report stored in ASCII file: C:\TC4\DATA_01\013_063A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-24 Time : 10/13/00 11:31 PM
Sample Number: DLH4J102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 11:10 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

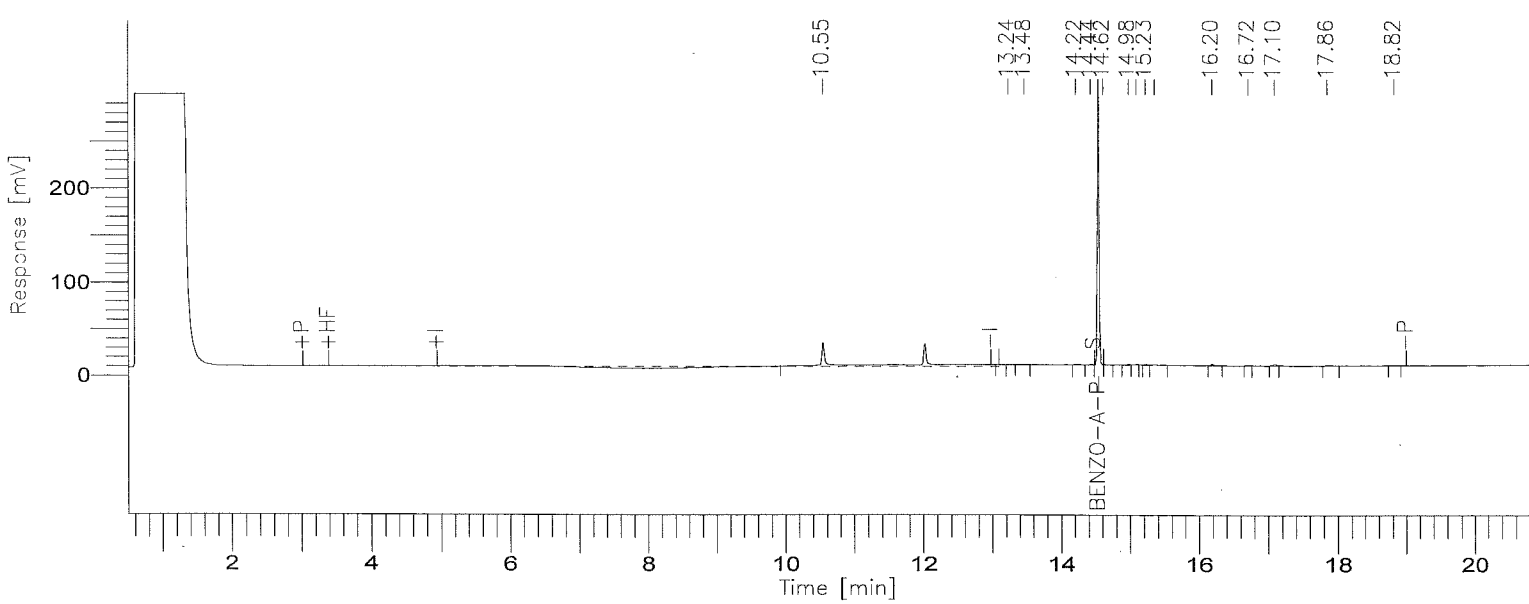
Raw Data File : C:\TC4\DATA_01\O13_063.RAW
Result File : C:\TC4\DATA_01\O13_063.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_063.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 16



001030

BOE-C6-0155695

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	503468	11.927	95.4	10.0	
		503468	11.927			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_063.TX0

Lot/Sample: E0J040125-025 C-2-51-5 TICs.....: N Report Results: Y
WO#.....: DLH5H-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....:
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/13/00
Inject Time..: 23:40 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_064A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:11:22
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	13.161	105.288		

Software Version: 4.1<2F12>
Sample Name : 125-25 Time : 10/16/00 11:05 AM
Sample Number: DLH4J102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 11:40 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

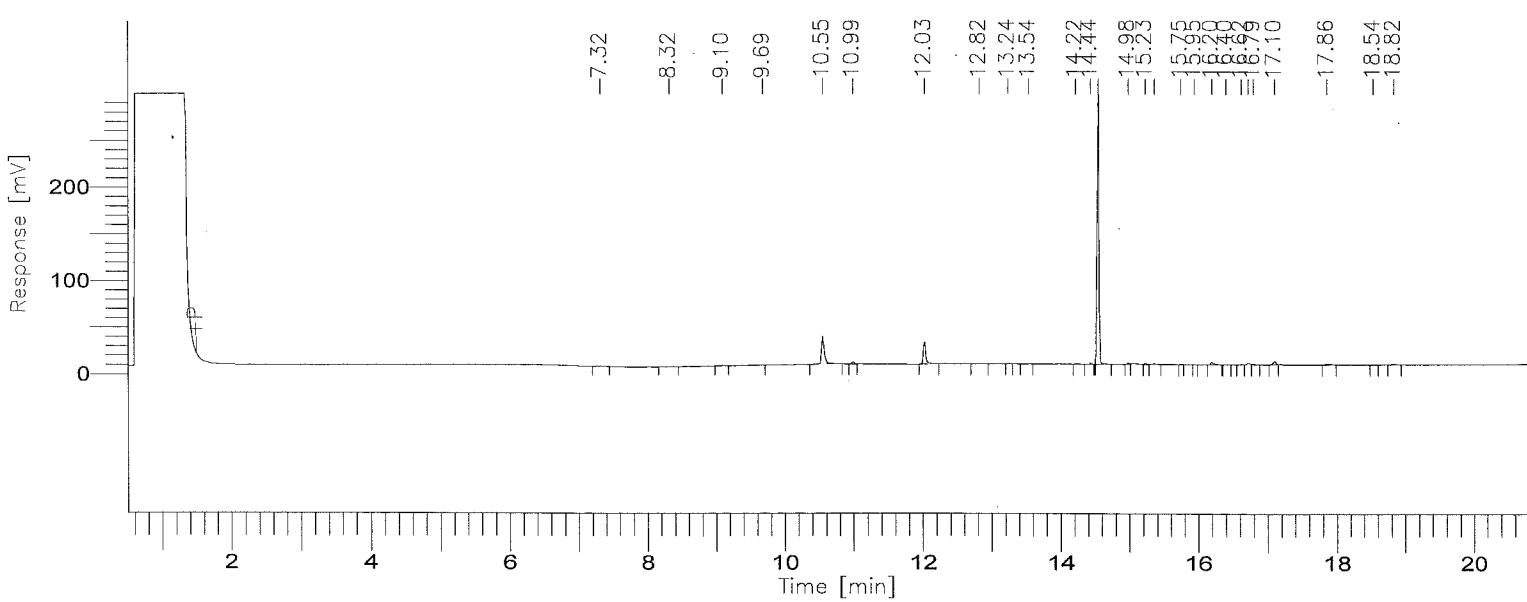
Raw Data File : C:\TC4\DATA_01\O13_064A.RAW
Result File : C:\TC4\DATA_01\O13_064A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_064A..
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 27



001033

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	3440	0.080	------	10.0	
8.59	C14-C15	3051	0.063	------	10.0	
9.69	C16-C17	2714	0.063	------	10.0	
10.72	C18-C19	87298	1.817	------	10.0	
12.02	C20-C23	59358	0.683	------	10.0	
13.53	C24-C27	5525	0.066	------	10.0	
14.82	C28-C31	566528	6.597	------	10.0	
15.90	C32-C35	9895	0.115	------	10.0	
16.99	C36-C39	18890	0.220	------	10.0	
19.29	C40+	7106	0.172	------	10.0	
		763807	9.878			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.32		3440	0.001	------	10.0	
		3440	0.001			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.32		1078	0.000	------	10.0	
9.10		1973	0.000	------	10.0	
		3051	0.001			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.69		2714	0.001	------	10.0	
		2714	0.001			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
1[illegible] 55		82230	0.021	------	10.0	
1[illegible].99		5068	0.001	------	10.0	
		87298	0.022			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.03		58366	0.015	------	10.0	
12.82		992	0.000	------	10.0	
		59358	0.015			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
1[illegible] 24		1563	0.000	------	10.0	
1[illegible].54		1065	0.000	------	10.0	
14.22		2897	0.001	------	10.0	
		5525	0.001			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.44		3151	0.001	------	10.0	
14.55		556644	0.139	------	10.0	
14.98		2338	0.001	------	10.0	
15.23		2415	0.001	------	10.0	
15.36		1980	0.000	------	10.0	
		566528	0.142			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.75		508	0.000	------	10.0	
15.95		342	8.550e-05	------	10.0	
16.20		8485	0.002	------	10.0	
16.40		560	0.000	------	10.0	
		9895	0.002			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.62		1239	0.000	------	10.0	
16.72		5491	0.001	------	10.0	
16.79		2411	0.001	------	10.0	
17.10		9749	0.002	------	10.0	
		18890	0.005			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.86		4012	0.001	------	10.0	
1[illegible].54		682	0.000	------	10.0	
1[illegible].82		2412	0.001	------	10.0	
		7106	0.002			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_064A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-25 Time : 10/14/00 12:01 AM
Sample Number: DLH4J102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/13/00 11:40 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

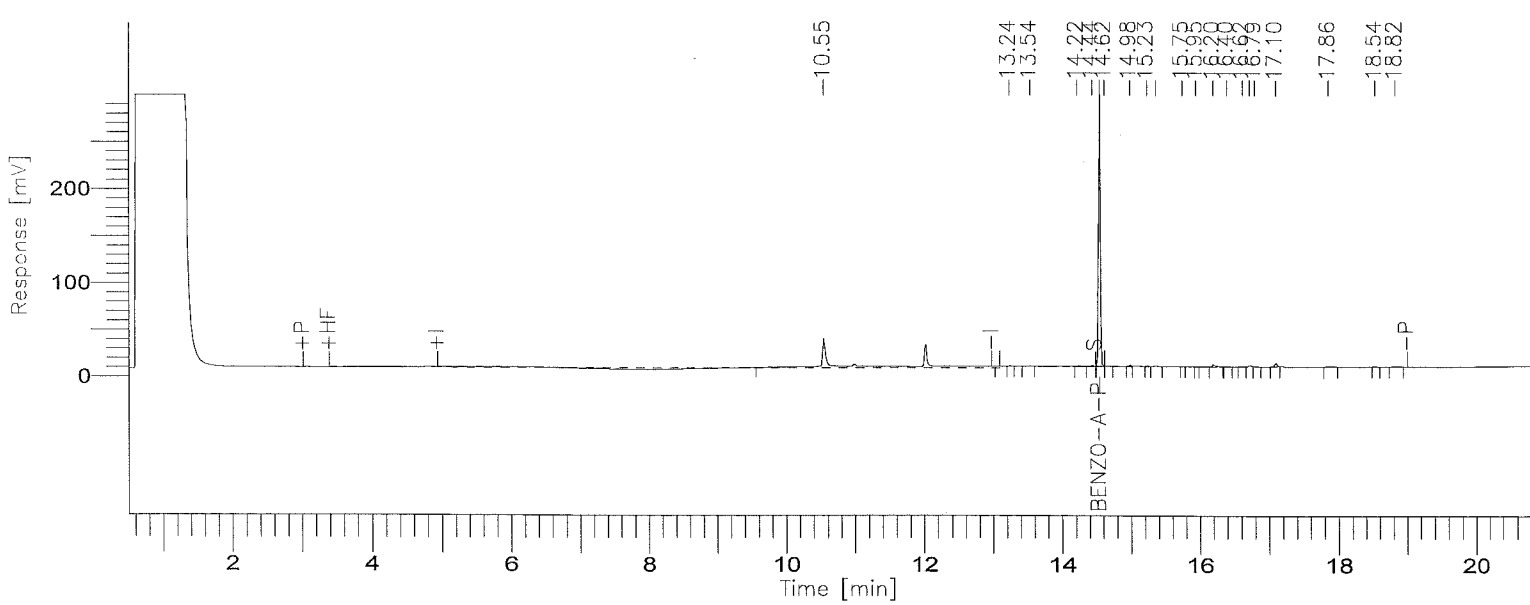
Raw Data File : C:\TC4\DATA_01\O13_064.RAW
Result File : C:\TC4\DATA_01\O13_064.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_064.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 21



001038

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	555540	13.161	105.3	10.0	
		555540	13.161			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_064.TX0

Lot/Sample: E0J040125-027 C-2-52-5 TICs.....: N Report Results: Y
WO#.....: DLH5M-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/14/00
Inject Time..: 0:10 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_065A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:11:34
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	11.694	93.552		

Software Version: 4.1<2F12>
Sample Name : 125-27 Time : 10/16/00 11:05 AM
Sample Number: DLH5M102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/14/00 12:10 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

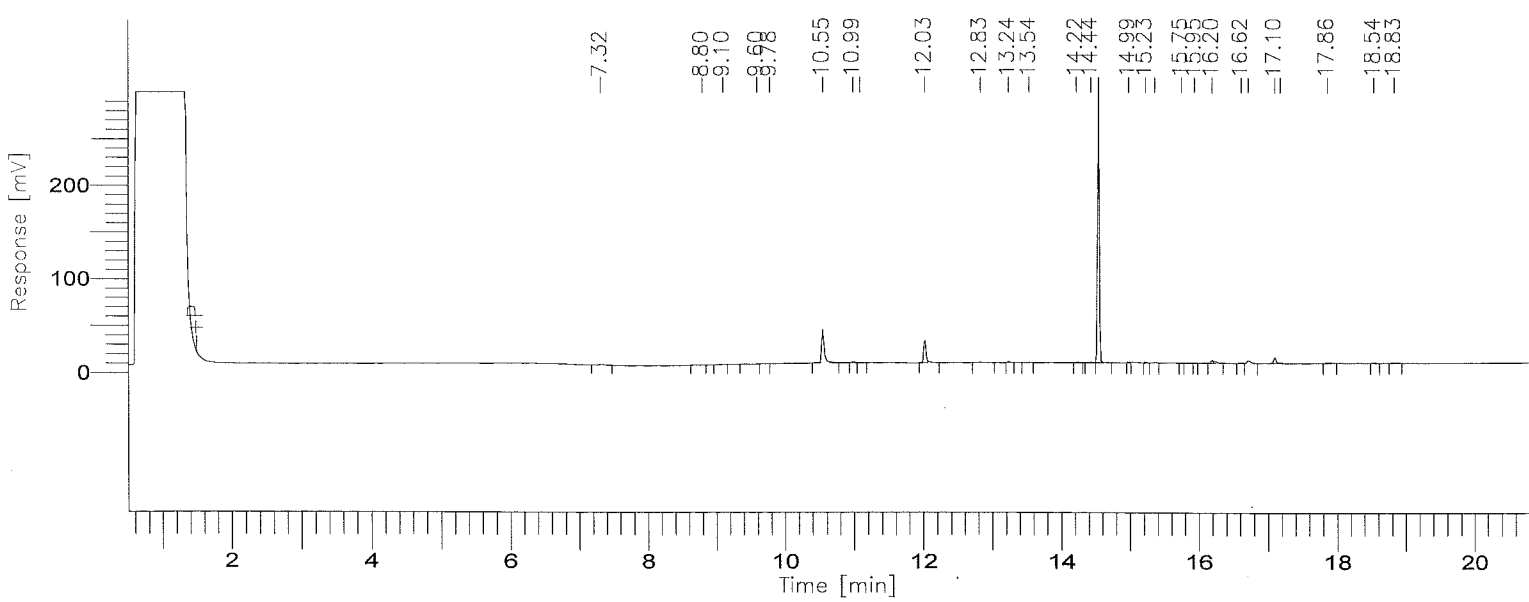
Raw Data File : C:\TC4\DATA_01\O13_065A.RAW
Result File : C:\TC4\DATA_01\O13_065A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_065A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 28



001041

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	4766	0.111	------	10.0	
8.59	C14-C15	2836	0.059	------	10.0	
9.69	C16-C17	2390	0.055	------	10.0	
10.72	C18-C19	93748	1.952	------	10.0	
12.02	C20-C23	59822	0.689	------	10.0	
13.53	C24-C27	8708	0.104	------	10.0	
14.82	C28-C31	503520	5.864	------	10.0	
15.90	C32-C35	12864	0.149	------	10.0	
16.99	C36-C39	27377	0.320	------	10.0	
19.29	C40+	7450	0.180	------	10.0	
		723482	9.482			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.32		4766	0.001	------	10.0	
		4766	0.001			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.80		1532	0.000	------	10.0	
9.10		1304	0.000	------	10.0	
		2836	0.001			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.60		1848	0.000	------	10.0	
9.78		542	0.000	------	10.0	
		2390	0.001			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].55		89708	0.022	------	10.0	
10.99		2788	0.001	------	10.0	
11.09		1253	0.000	------	10.0	
		93748	0.023			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.03		59822	0.015	------	10.0	
		59822	0.015			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].83		1887	0.000	------	10.0	
13.24		2387	0.001	------	10.0	
13.54		1673	0.000	------	10.0	
14.22		2761	0.001	------	10.0	

8708	0.002	

oup Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.44		2746	0.001	------	10.0	
14.55		494585	0.124	------	10.0	
14.98		1988	0.000	------	10.0	
15.23		2531	0.001	------	10.0	
15.36		1670	0.000	------	10.0	
		503520	0.126			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.75		263	6.575e-05	------	10.0	
15.95		357	8.925e-05	------	10.0	
1[illegible] 20		12244	0.003	------	10.0	
		12864	0.003			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.62		2096	0.001	------	10.0	
16.72		9311	0.002	------	10.0	
17.10		14552	0.004	------	10.0	
17.18		1418	0.000	------	10.0	
		27377	0.007			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].86		4058	0.001	------	10.0	
18.54		773	0.000	------	10.0	
18.83		2618	0.001	------	10.0	
		7450	0.002			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_065A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-27 Time : 10/14/00 12:31 AM
Sample Number: DLH5M102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/14/00 12:10 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

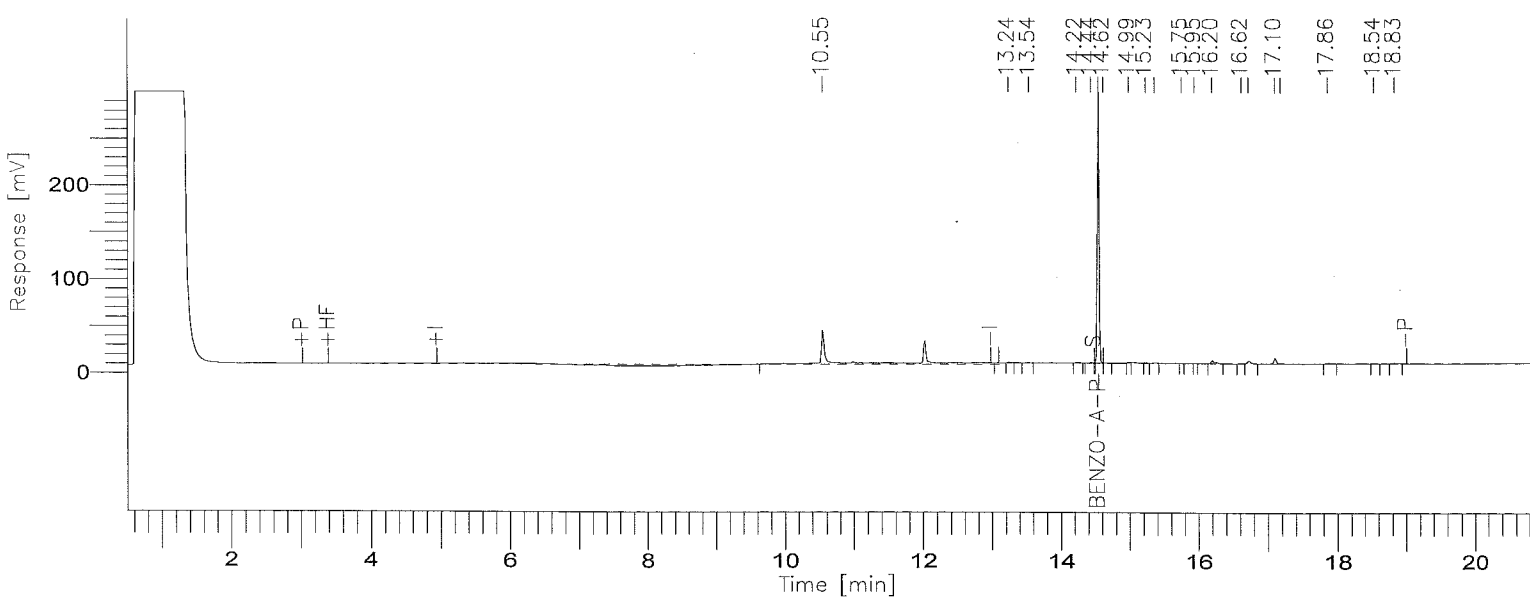
Raw Data File : C:\TC4\DATA_01\O13_065.RAW
Result File : C:\TC4\DATA_01\O13_065.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_065.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 20



001046

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	493631	11.694	93.6	10.0	
		493631	11.694			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_065.TX0

Lot/Sample: E0J040125-029 C-2-53-5 TICs.....: N Report Results: Y
WO#.....: DLH5T-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/14/00
Inject Time..: 0:40 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_066A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:11:46
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			ND	10	5		
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	11.626	93.008		

Software Version: 4.1<2F12>
Sample Name : 125-29 Time : 10/16/00 11:05 AM
Sample Number: DLH5T102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/14/00 12:40 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

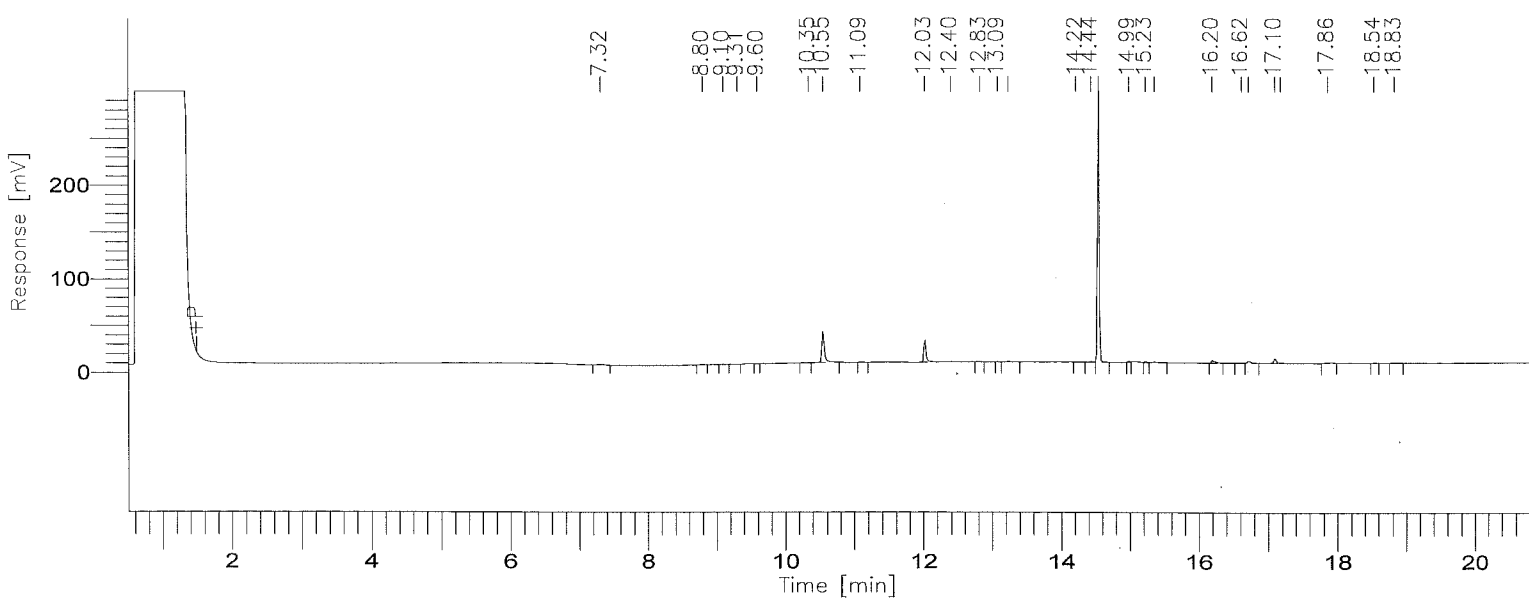
Raw Data File : C:\TC4\DATA_01\O13_066A.RAW
Result File : C:\TC4\DATA_01\O13_066A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_066A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 27



001049

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	4154	0.097	------	10.0	
8.59	C14-C15	2902	0.060	------	10.0	
9.69	C16-C17	1006	0.023	------	10.0	
10.72	C18-C19	84734	1.764	------	10.0	
12.02	C20-C23	61223	0.705	------	10.0	
13.53	C24-C27	6226	0.074	------	10.0	
14.82	C28-C31	501634	5.842	------	10.0	
15.90	C32-C35	10478	0.122	------	10.0	
16.99	C36-C39	22907	0.267	------	10.0	
19.29	C40+	7500	0.182	------	10.0	
		702764	9.136			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.32		4154	0.001	------	10.0	
		4154	0.001			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].80		1609	0.000	------	10.0	
9.10		1293	0.000	------	10.0	
		2902	0.001			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.31		567	0.000	------	10.0	
9.60		438	0.000	------	10.0	
		1006	0.000			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].35		809	0.000	------	10.0	
10.55		82513	0.021	------	10.0	
11.09		1412	0.000	------	10.0	
		84734	0.021			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.03		59399	0.015	------	10.0	
12.40		1824	0.000	------	10.0	
		61223	0.015			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.83		812	0.000	------	10.0	
13.08		722	0.000	------	10.0	
13.24		1987	0.000	------	10.0	
14.22		2705	0.001	------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
		6226	0.002			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.44		3399	0.001	------	10.0	
14.55		491398	0.123	------	10.0	
14.98		2013	0.001	------	10.0	
15.23		2471	0.001	------	10.0	
15.36		2353	0.001	------	10.0	
		501634	0.125			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.20		10478	0.003	------	10.0	
		10478	0.003			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.62		2125	0.001	------	10.0	
16.72		7693	0.002	------	10.0	
17.10		11780	0.003	------	10.0	
17.18		1309	0.000	------	10.0	
		22907	0.006			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.86		4000	0.001	------	10.0	
18.54		678	0.000	------	10.0	
18.83		2822	0.001	------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
		7500	0.002			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_066A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-29 Time : 10/14/00 01:00 AM
Sample Number: DLH5T102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/14/00 12:40 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

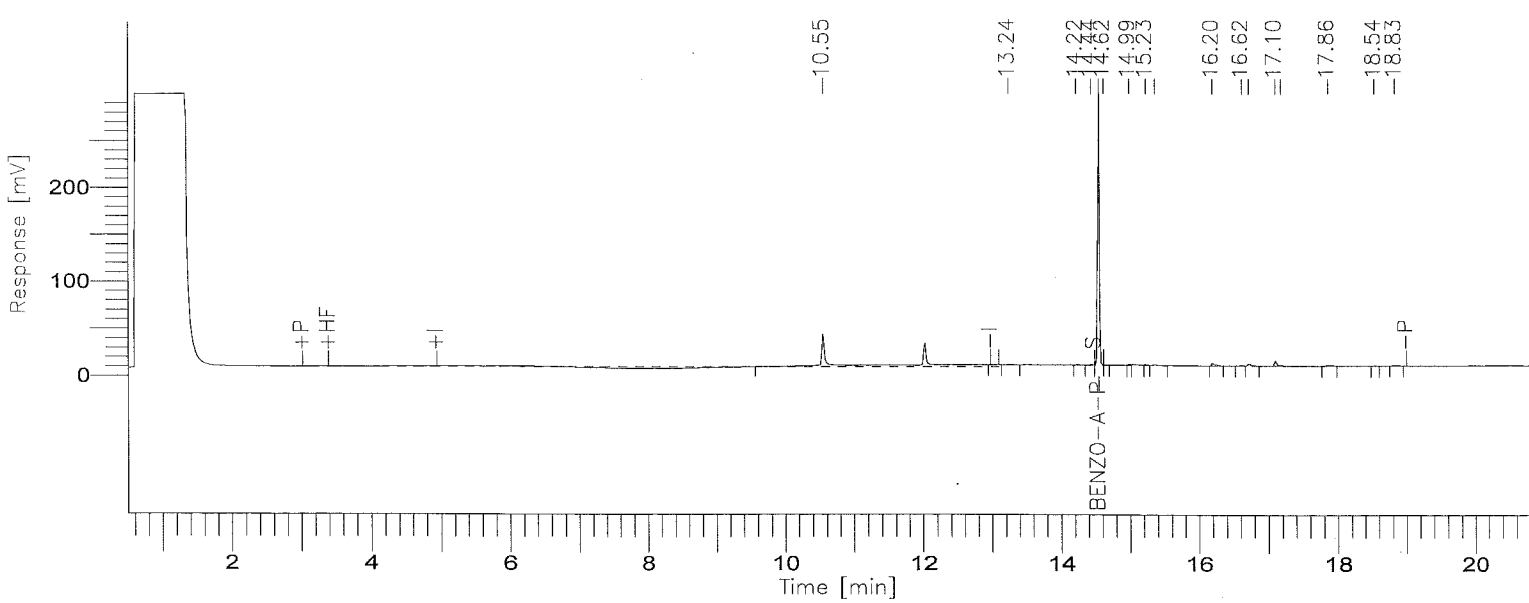
Raw Data File : C:\TC4\DATA_01\O13_066.RAW
Result File : C:\TC4\DATA_01\O13_066.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_066.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 17



001054

BOE-C6-0155719

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	490757	11.626	93.0	10.0	
		490757	11.626			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_066.TX0

Lot/Sample: E0J040125-030 C-2-53-10 TICs.....: N Report Results: Y
WO#.....: DLH60-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....:
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Analysis Date: 10/14/00
Inject Time..: 1:10 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O13_067A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/17 10:12:21
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/05/00
QC Batch.....: 0279533
MS Run Number: 0279252
Prep Time....: 14:00-18:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2 Amt..: 8
Exchange Solv: Amt..:
Spike....:
Surrogate: TEPH1562-1SCS/250PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
05120	C8-C9			1D	10	5		D
05121	C10-C11			ND	10	5		
05122	C12-C13			ND	10	5		
05123	C14-C15			ND	10	5		
05124	C16-C17			ND	10	5		
05125	C18-C19			ND	10	5		
05201	C20-C23			ND	10	5		
05202	C24-C27			ND	10	5		
05203	C28-C31			ND	10	5		
05204	C32-C35			ND	10	5		
05205	C36-C39			ND	10	5		
05132	C40+			ND	10	5		
05136	Total Carbon Chain Rang			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	14.440	115.52		

Notes:

D Result was obtained from the analysis of a dilution.

(Continued on next page)

Lot/Sample: E0J040125-030 C-2-53-10 TICs.....: N Report Results: Y
WO#.....: DLH60-1-02 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 0B KI 01 Dry Weight..: N Upload.....:
Method....: SOLID / Hydrocarbons, Extractable Petroleum (8015B) / SW846 / 8015B

Notes:

Software Version: 4.1<2F12>
Sample Name : 125-30 Time : 10/16/00 11:05 AM
Sample Number: DLH60102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/14/00 01:10 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

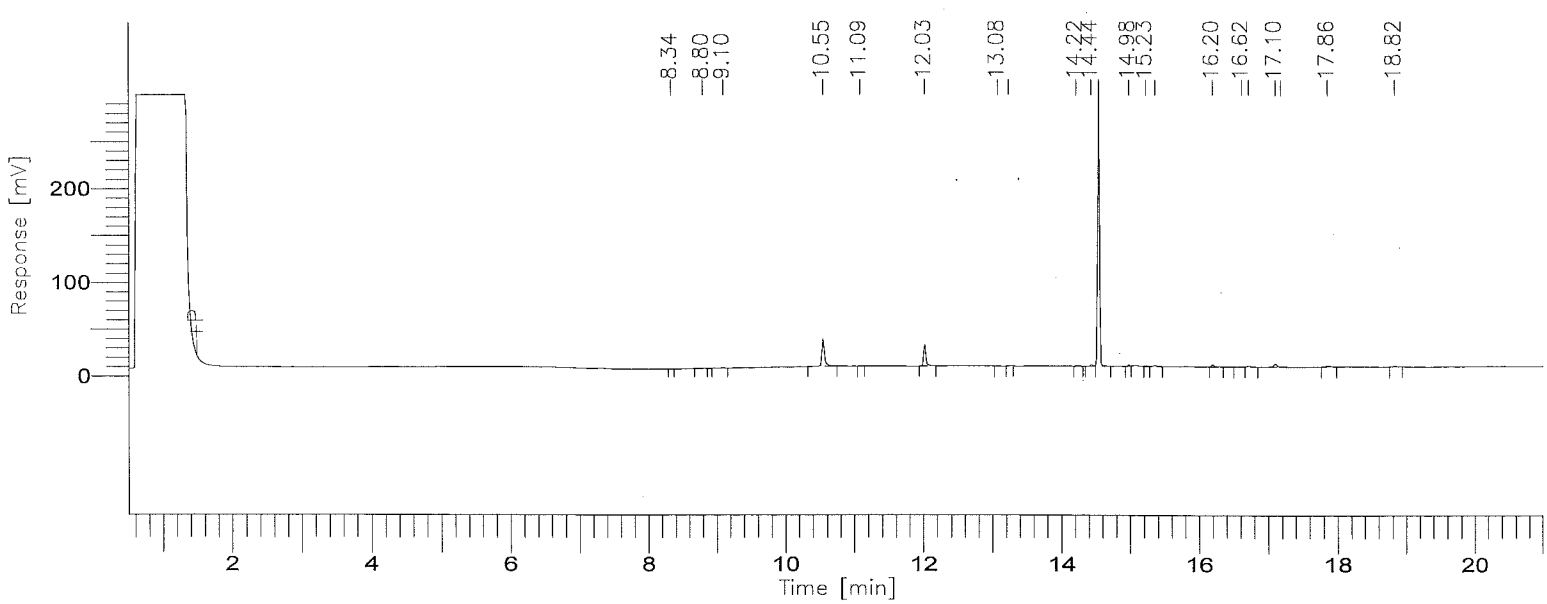
Raw Data File : C:\TC4\DATA_01\O13_067A.RAW
Result File : C:\TC4\DATA_01\O13_067A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_067A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 21



8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	0	0.000	------	10.0	
8.59	C14-C15	3333	0.069	------	10.0	
9.69	C16-C17	0	0.000	------	10.0	
10.72	C18-C19	72036	1.500	------	10.0	
12.02	C20-C23	53432	0.615	------	10.0	
13.53	C24-C27	4121	0.049	------	10.0	
14.82	C28-C31	622126	7.245	------	10.0	
15.90	C32-C35	7203	0.084	------	10.0	
16.99	C36-C39	17092	0.200	------	10.0	
19.29	C40+	6826	0.165	------	10.0	
		786170	9.926			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

No peaks available to report

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

8.34		382	9.550e-05	------	10.0
^.80		1404	0.000	------	10.0
.10		1547	0.000	------	10.0
		3333	0.001		

Group Report For : C16-C17

No peaks available to report

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.55		71316	0.018	------	10.0	
11.09		719	0.000	------	10.0	
		72036	0.018			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.03		53432	0.013	------	10.0	
		53432	0.013			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
13.08		493	0.000	------	10.0	
13.24		931	0.000	------	10.0	
14.22		2697	0.001	------	10.0	
		4121	0.001			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

14.44	3985	0.001	------	10.0	
1[illegible].55	610270	0.153	------	10.0	
[illegible].98	2699	0.001	------	10.0	
15.23	2564	0.001	------	10.0	
15.36	2608	0.001	------	10.0	
	622126	0.156			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.20		7203	0.002	------	10.0	
		7203	0.002			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].62		1211	0.000	------	10.0	
16.72		4566	0.001	------	10.0	
17.10		9929	0.002	------	10.0	
17.18		1386	0.000	------	10.0	
		17092	0.004			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.86		4226	0.001	------	10.0	
18.82		2600	0.001	------	10.0	
		6826	0.002			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: C:\TC4\DATA_01\O13_067A.TX0

Software Version: 4.1<2F12>
Sample Name : 125-30 Time : 10/14/00 01:30 AM
Sample Number: DLH60102 Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/14/00 01:10 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

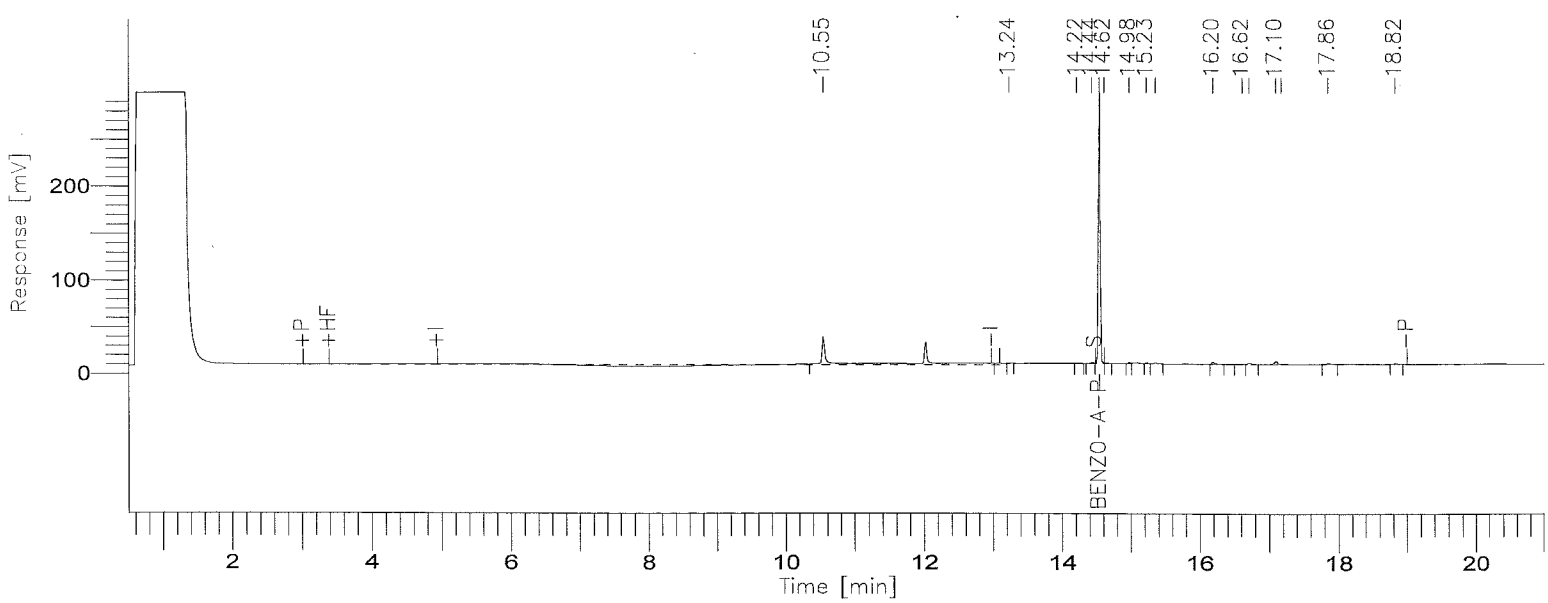
Raw Data File : C:\TC4\DATA_01\O13_067.RAW
Result File : C:\TC4\DATA_01\O13_067.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O13_067.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_01\O13.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 16



001063

BOE-C6-0155728

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
14.55	BENZO-A-PYRENE	609525	14.440	115.5	10.0	
		609525	14.440			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O13_067.TX0

INITIAL CALIBRATION DATA

Date Analyzed: 082800

Instrument ID: GC01

Diesel $C_{10} \rightarrow C_{24}$

Turbochrom Method File : C:\TC4\DATA_01\METHODS\DBC10C24.MTH
Created by : ELVIE on : 11/1/99 01:41 PM
Edited by : ec on : 8/28/00 03:22 PM
Description :

Number of Times Edited : 64
Number of Times Calibrated : 562

GC01 Diesel $C_{10} \rightarrow C_{24}$

DBC10C24. Mth

082800

Average Cal factor - OK
Second source - OK

Processing Parameters :
Bunch Factor : 1 points
Noise Threshold : 50 µV
Area Threshold : 200.00 µV

Peak Separation Criteria
Width Ratio : 0.200
Valley-to-Peak Ratio : 0.010

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

Baseline Timed Events :
Event #1 - -P at 0.131
Event #2 - +P at 3.025
Event #3 - +HF at 3.400
Event #4 - +I at 5.016
Event #5 - -I at 13.098
Event #6 - -HF at 13.101
Event #7 - S at 14.679
Event #8 - S at 14.794
Event #9 - -P at 19.000

Annotated Replot Parameters :
No replot will be printed

Report Format files :
No report format files given

User Programs :
User Program #1 : C:\TC4\DATA_01\RST_READ.EXE
Command Line : $RST
Entry Point : Post Analysis
Synchronize : NO

Global Information :
Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : YES

001066

Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06

Component Information :

DIESEL C10-C24

Component Type : Single Peak Component
Retention Time : 8.030 min Search Window: 40.00 s, 10.00 %
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 250.000000
Value 2: 5.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 1000.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	40.0000	226213.50	3195.43	----------	----------	1
2	100.0000	793456.00	8527.83	----------	----------	1
3	1000.0000	7940532.00	78341.54	----------	----------	1
4	2000.0000	16609752.00	166148.41	----------	----------	1
5	5000.0000	35621371.00	341661.11	----------	----------	1

Average Calibration Factor = 7391.915940 (%RSD = 14.37)

BENZO-A-PYRENE

Component Type : Single Peak Component
Retention Time : 14.737 min Search Window: 5.00 s, 3.00 %
Reference Component:
Find largest peak in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 12.500000
Value 2: 0.250000
Value 3: 12.500000
Value 4: 0.250000
Value 5: 50.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	10.0000	103771.92	64592.07	----------	----------	1
2	25.0000	274262.17	172578.54	----------	----------	1
3	50.0000	527346.69	299284.65	----------	----------	1
4	80.0000	841752.00	414358.87	----------	----------	1
5	100.0000	1034749.00	532930.77	----------	----------	1

Average Calibration Factor = 10552.800436 (%RSD = 2.36)

Software Version: 4.1<2F12>
Sample Name : #TEPH00-129 SECOND SOURCE DIESEL STD Time : 8/28/00 03:36 PM
Sample Number: 1000 PPM Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 8/28/00 03:12 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

Second Source - good to use
From Ext. lab diesel 8-28-00
Stock # 1560-2
Source: Ultra Scientific Stds

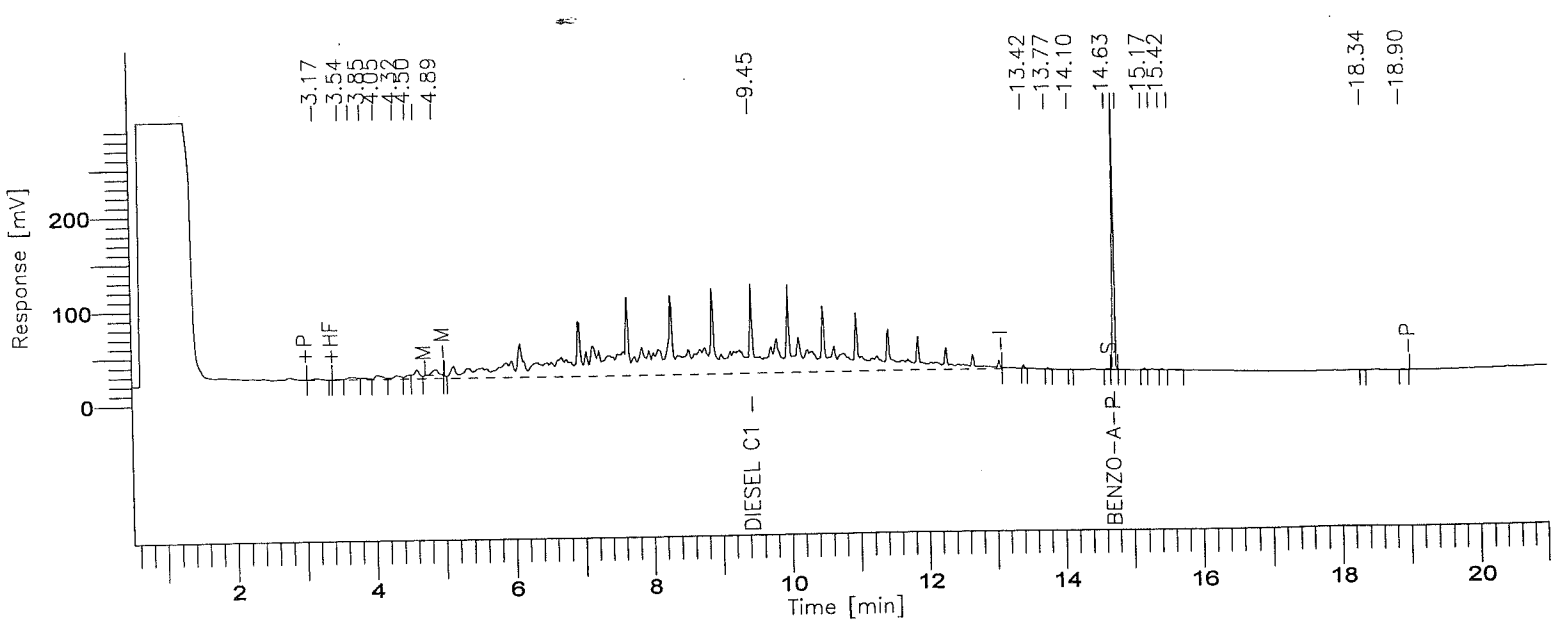
Raw Data File : C:\TC4\DATA_01\828_011.RAW
Result File : C:\TC4\DATA_01\828_011.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\828_011.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\828_011.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\828_011.R
Sequence File : C:\TC4\DATA_01\828.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 22



001068

BOE-C6-0155733

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.165		10669	0.0107	------	----------
3.535		4298	0.0043	------	----------
3.684		23708	0.0237	------	----------
3.846		9046	0.0090	------	----------
4.048		31741	0.0317	------	----------
4.324		26813	0.0268	------	----------
4.502		22845	0.0228	------	----------
4.617		53811	0.0538	------	----------
4.885		101597	0.1016	------	----------
9.451	DIESEL C10-C24	8084434	1093.6859	1000.0	9.37
13.417		6000	0.0060	------	----------
13.766		2763	0.0028	------	----------
14.101		905	0.0009	------	----------
14.629		2583	0.0026	------	----------
.735	BENZO-A-PYRENE	551748	52.2845	50.0	4.57
14.800		640	0.0006	------	----------
15.167		2982	0.0030	------	----------
15.283		4065	0.0041	------	----------
15.418		2667	0.0027	------	----------
15.543		2594	0.0026	------	----------
18.335		323	0.0003	------	----------
18.895		645	0.0006	------	----------
		8946877	1146.2811		

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\828_011.TX0

Software Version: 4.1<2F12>
Date: 8/28/00 03:17 PM
Sample Name : #TEPH00-98 DIESEL STD
Data File : C:\TC4\DATA_01\828_006.RAW Date: 8/28/00 12:43 PM
Sequence File: C:\TC4\DATA_01\828.SEQ Cycle: 6 Channel : A
Instrument : GC-FID-01 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Calibration performed at level: 1
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
DIESEL C10-C24	8.030	40.00000	226213.500000	5655.337500	4.16	5	------	------	1	0
BENZO-A-PYRENE	14.737	10.00000	103771.916667	10377.191667	0.04	5	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
0 = Insufficient data for outlier test (<3 replicates)
1 = Significant outlier (failed at 99.9% 2nd pass)
2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
DIESEL C10-C24	475495.090348	7192.343741	----------	----------	0.993570	9
BENZO-A-PYRENE	0.000000	10552.800436	----------	----------	--------	9

Calibration Status Explanations:
1 = Component not calibrated: Rejected based on user criteria
2 = Component not calibrated: Was not found in peak/group list
3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : #TEPH00-98 DIESEL STD Time : 8/28/00 03:17 PM
Sample Number: 40 PPM Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 8/28/00 12:43 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

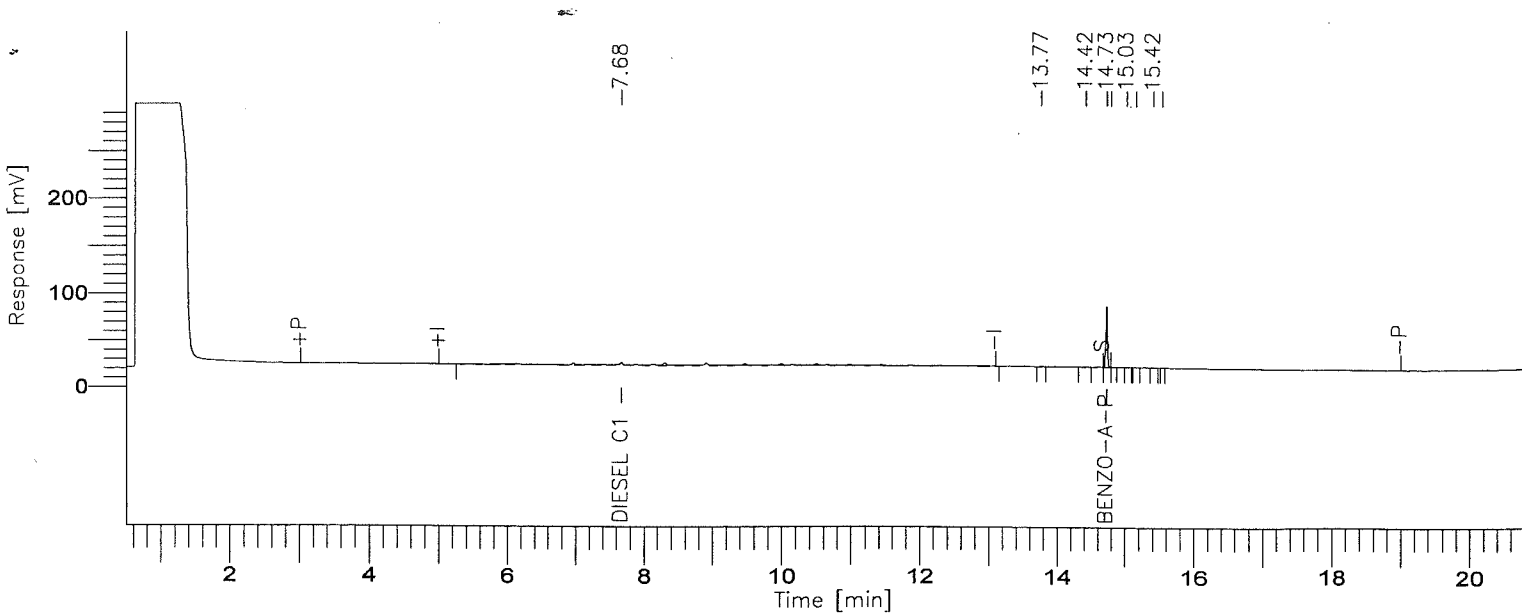
Raw Data File : C:\TC4\DATA_01\828_006.RAW
Result File : C:\TC4\DATA_01\828_006.rst
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\828_006.r
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Sequence File : C:\TC4\DATA_01\828.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

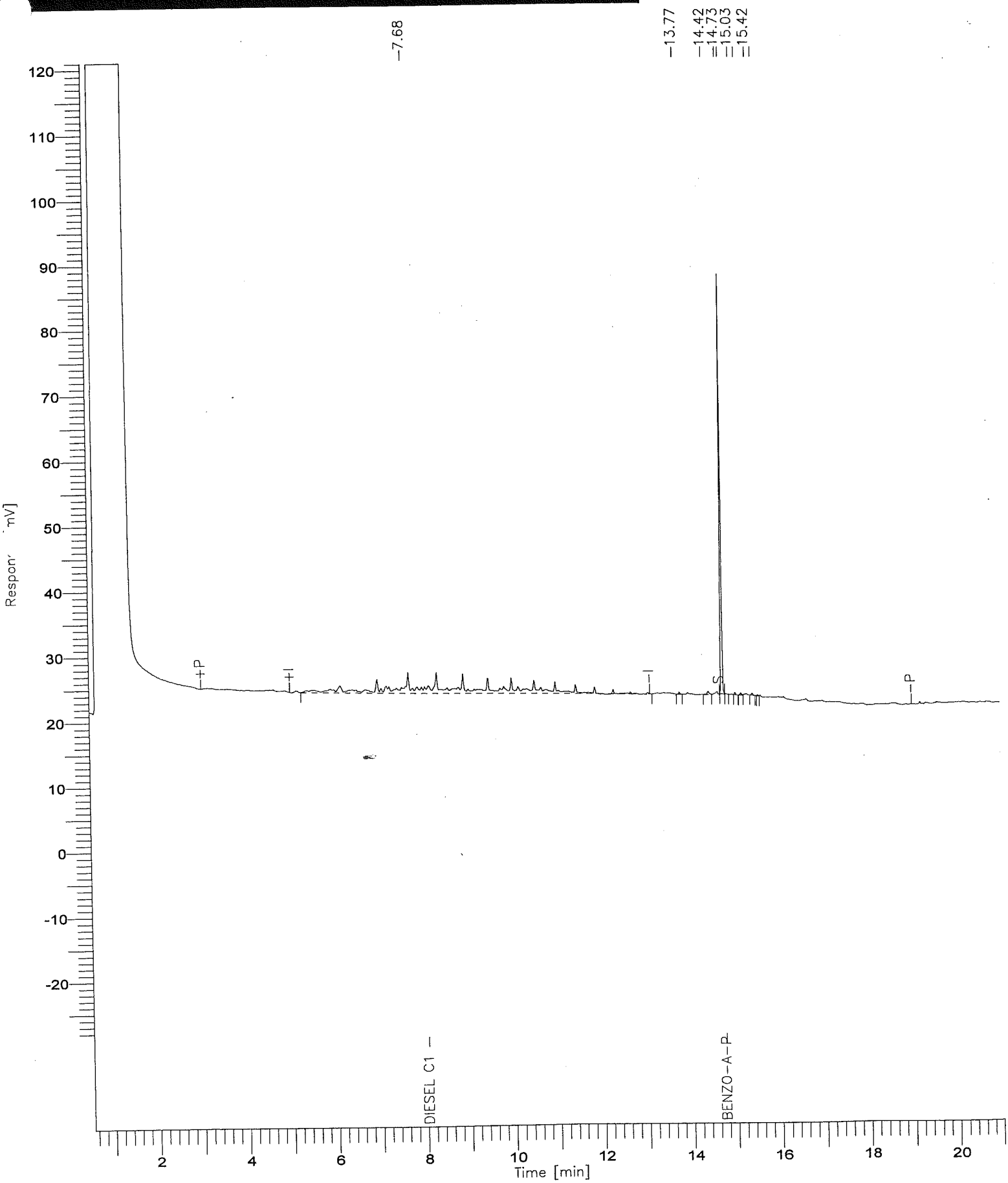
Total number of peaks detected: 9



001071

BOE-C6-0155736

[redacted]



001072

BOE-C6-0155737

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.68	DIESEL C10-C24	226214	-34.659	------	10.0	
14.73	BENZO-A-PYRENE	103772	9.834	78.7	10.0	
		329985	-24.826			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\828_006.TX0

Software Version: 4.1<2F12>
Date: 8/28/00 03:18 PM
Sample Name : #TEPH00-99 DIESEL STD
Data File : C:\TC4\DATA_01\828_007.RAW Date: 8/28/00 01:13 PM
Sequence File: C:\TC4\DATA_01\828.SEQ Cycle: 7 Channel : A
Instrument : GC-FID-01 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Calibration performed at level: 2
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
DIESEL C10-C24	8.030	100.00000	793456.000000	7934.560000	4.16	5	------	------	1	0
BENZO-A-PYRENE	14.737	25.00000	274262.166667	10970.486667	0.04	5	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
0 = Insufficient data for outlier test (<3 replicates)
1 = Significant outlier (failed at 99.9% 2nd pass)
2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
DIESEL C10-C24	656355.376644	7145.018872	----------	----------	0.994383	9
BENZO-A-PYRENE	0.000000	10552.800436	----------	----------	--------	9

Calibration Status Explanations:
1 = Component not calibrated: Rejected based on user criteria
2 = Component not calibrated: Was not found in peak/group list
3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : #TEPH00-99 DIESEL STD Time : 8/28/00 03:18 PM
Sample Number: 100 PPM Study : ICAL 8/28/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 8/28/00 01:13 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

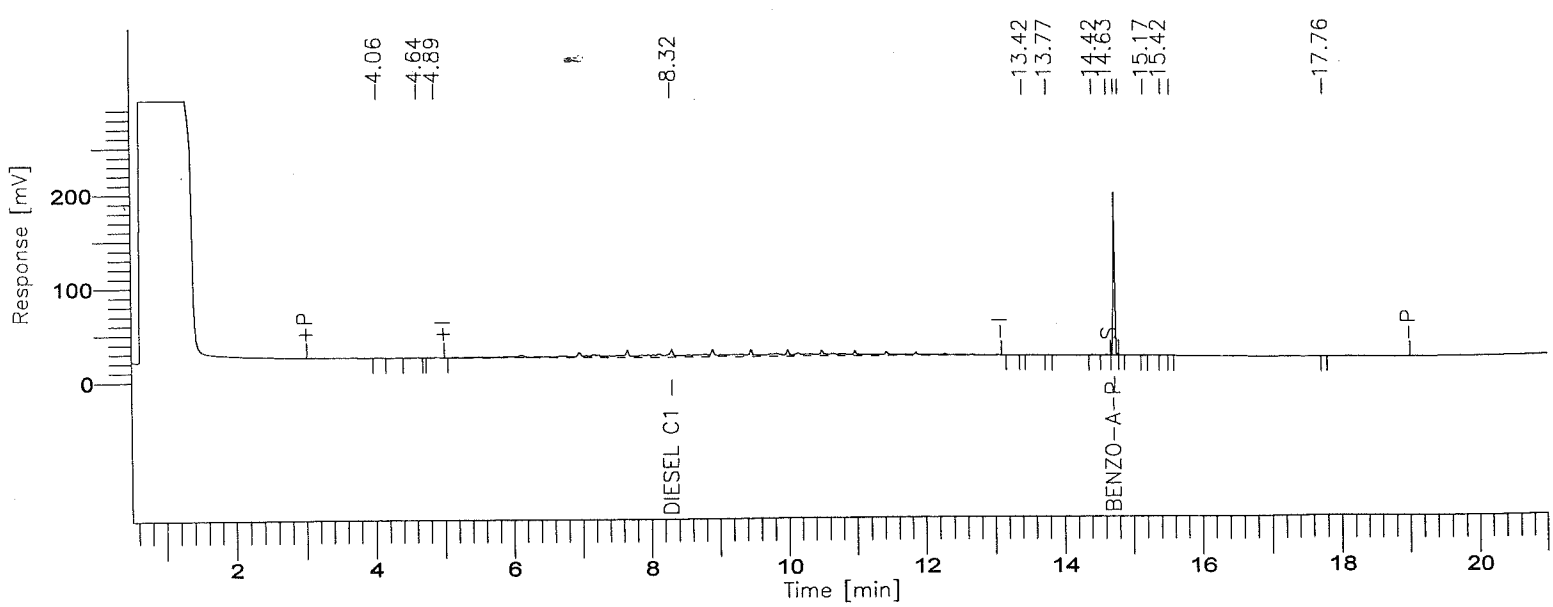
Raw Data File : C:\TC4\DATA_01\828_007.RAW
Result File : C:\TC4\DATA_01\828_007.rst
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\828_007.r
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Sequence File : C:\TC4\DATA_01\828.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 14



8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.32	DIESEL C10-C24	793456	19.188	------	10.0	
14.73	BENZO-A-PYRENE	274262	25.990	207.9	10.0	
		1067718	45.178			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\828_007.TX0

Software Version: 4.1<2F12>
Date: 8/28/00 03:19 PM
Sample Name : #TEPH00-143 DIESEL STD
Data File : C:\TC4\DATA_01\828_008.RAW Date: 8/28/00 01:43 PM
Sequence File: C:\TC4\DATA_01\828.SEQ Cycle: 8 Channel : A
I trument : GC-FID-01 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Calibration performed at level: 3
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
DIESEL C10-C24	8.030	1000.00000	7940532.000000	7940.532000	4.16	5	------	------	1	0
BENZO-A-PYRENE	14.737	50.00000	527346.692308	10546.933846	0.04	5	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
0 = Insufficient data for outlier test (<3 replicates)
1 = Significant outlier (failed at 99.9% 2nd pass)
2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
DIESEL C10-C24	635236.090529	7148.050866	----------	----------	0.994423	9
BENZO-A-PYRENE	0.000000	10552.800436	----------	----------	--------	9

Calibration Status Explanations:
1 = Component not calibrated: Rejected based on user criteria
2 = Component not calibrated: Was not found in peak/group list
3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : #TEPH00-143 DIESEL STD
Sample Number: 1000 PPM
Operator :

Time : 8/28/00 03:19 PM
Study : ICAL 8/28/00

I :rument : GC-FID-01
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2136574898 Data Acquisition Time: 8/28/00 01:43 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_01\828_008.RAW
Result File : C:\TC4\DATA_01\828_008.rst
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\828_008.r
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Sequence File : C:\TC4\DATA_01\828.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

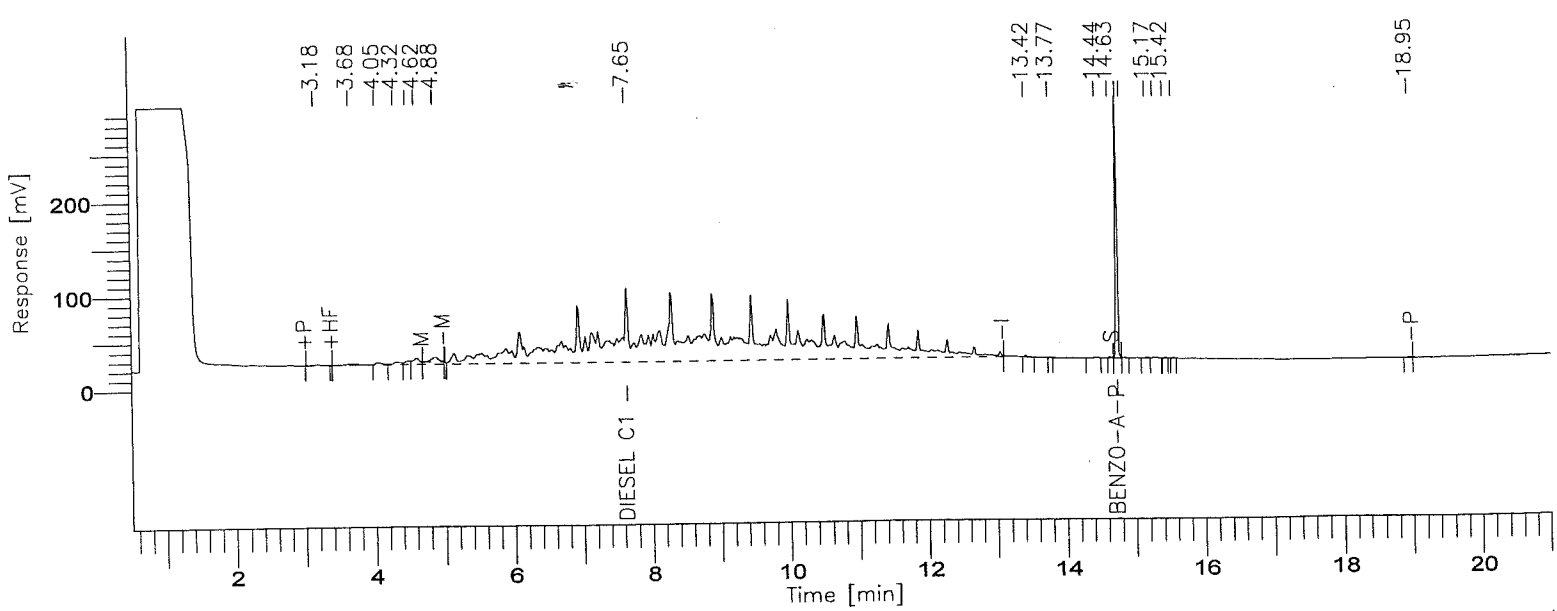
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
U r3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 19



8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.65	DIESEL C10-C24	7940532	1021.998	------	10.0	
14.74	BENZO-A-PYRENE	527347	49.972	399.8	10.0	
		8467879	1071.971			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\828_008.TX0

Software Version: 4.1<2F12>
Date: 8/28/00 03:20 PM
Sample Name : #TEPH00-101 DIESEL STD
Data File : C:\TC4\DATA_01\828_009.RAW Date: 8/28/00 02:12 PM
Sequence File: C:\TC4\DATA_01\828.SEQ Cycle: 9 Channel : A
I trument : GC-FID-01 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Calibration performed at level: 4
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
DIESEL C10-C24	8.030	2000.00000	1.66097520e+07	8304.876000	4.16	5	------	------	1	0
BENZO-A-PYRENE	14.737	80.00000	841752.000000	10521.900000	0.04	5	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
0 = Insufficient data for outlier test (<3 replicates)
1 = Significant outlier (failed at 99.9% 2nd pass)
2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
DIESEL C10-C24	607380.729520	7144.277746	----------	----------	0.995117	9
BENZO-A-PYRENE	0.000000	10552.800436	----------	----------	--------	9

Calibration Status Explanations:
1 = Component not calibrated: Rejected based on user criteria
2 = Component not calibrated: Was not found in peak/group list
3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : #TEPH00-101 DIESEL STD
Sample Number: 2000 PPM
Operator :

Time : 8/28/00 03:20 PM
Study : ICAL 8/28/00

: trument : GC-FID-01
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2136574898 Data Acquisition Time: 8/28/00 02:12 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_01\828_009.RAW
Result File : C:\TC4\DATA_01\828_009.rst
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\828_009.r
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Sequence File : C:\TC4\DATA_01\828.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

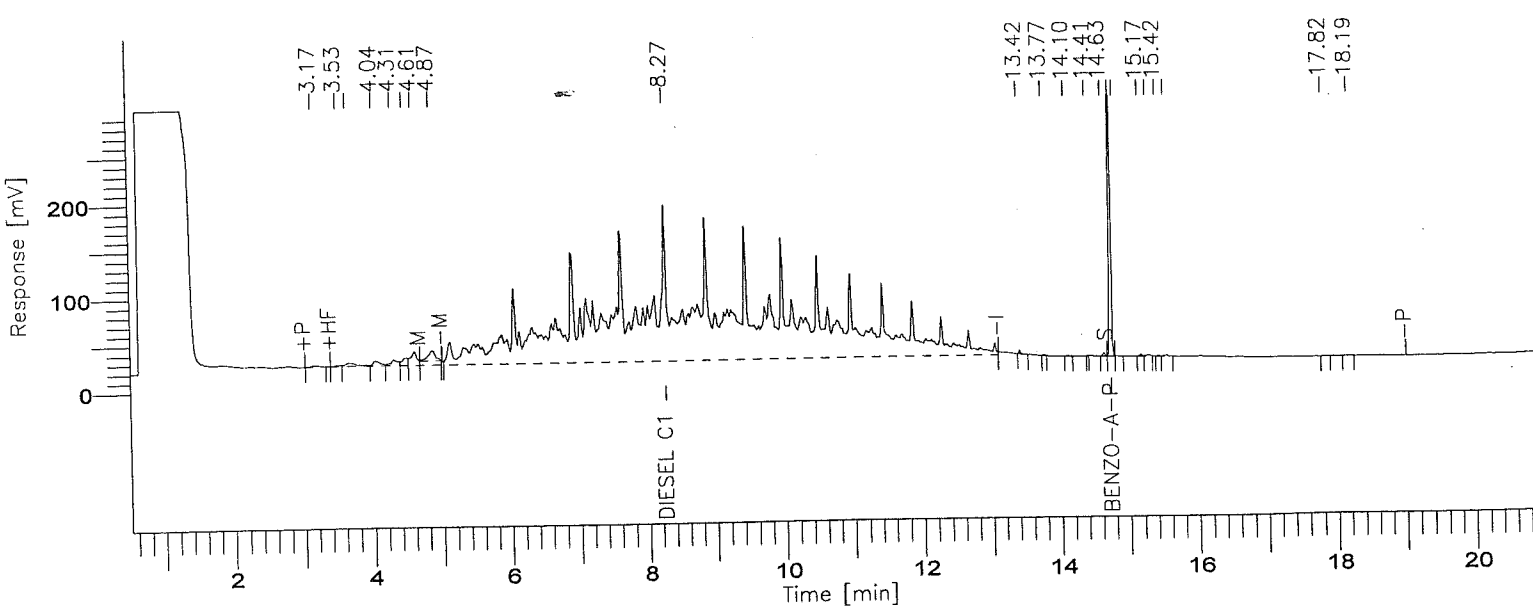
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
ɜr3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 22



8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.27	DIESEL C10-C24	16609752	2239.886	------	10.0	
14.74	BENZO-A-PYRENE	841752	79.766	638.1	10.0	
		17451504	2319.652			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\828_009.TXO

Software Version: 4.1<2F12>
Date: 8/28/00 03:10 PM
Sample Name : #TEPH00-102 DIESEL STD
Data File : C:\TC4\DATA_01\828_010.RAW Date: 8/28/00 02:42 PM
Sequence File: C:\TC4\DATA_01\828.SEQ Cycle: 10 Channel : A
trument : GC-FID-01 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Calibration performed at level: 5
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
DIESEL C10-C24	8.030	5000.00000	3.56213710e+07	7124.274200	4.16	5	------	------	1	0
BENZO-A-PYRENE	14.737	100.00000	1034749.000000	10347.490000	0.04	5	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
0 = Insufficient data for outlier test (<3 replicates)
1 = Significant outlier (failed at 99.9% 2nd pass)
2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
DIESEL C10-C24	137509.351670	7145.248371	----------	----------	0.999202	9
BENZO-A-PYRENE	0.000000	10491.132103	----------	----------	--------	9

Calibration Status Explanations:
1 = Component not calibrated: Rejected based on user criteria
2 = Component not calibrated: Was not found in peak/group list
3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : #TEPH00-102 DIESEL STD
Sample Number: 5000 PPM
Operator :

Time : 8/28/00 03:10 PM
Study : ICAL 8/28/00

Instrument : GC-FID-01
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2136574898 Data Acquisition Time: 8/28/00 02:42 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_01\828_010.RAW
Result File : C:\TC4\DATA_01\828_010.rst
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\828_010.r
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Sequence File : C:\TC4\DATA_01\828.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

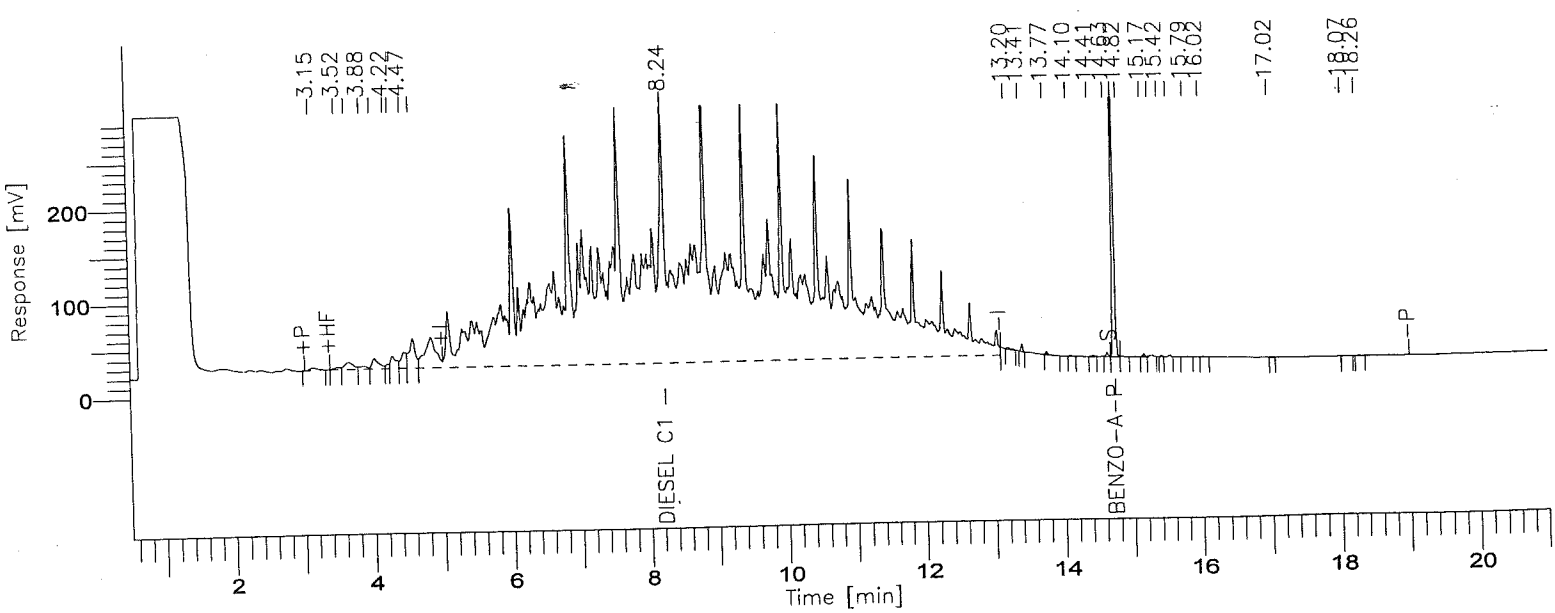
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 27



8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.24	DIESEL C10-C24	35621371	4966.078	------	10.0	
14.74	BENZO-A-PYRENE	1034749	98.631	789.0	10.0	
		36656120	5064.709			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\828_010.TX0

Software Version: 4.1<2F12>
Sample Name : RT MARKER
Sample Number: C8-C40
Operator :

Time : 8/28/00 03:35 PM
Study : ICAL 8/28/00

Instrument : GC-FID-01
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2136574898 Data Acquisition Time: 8/28/00 12:14 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

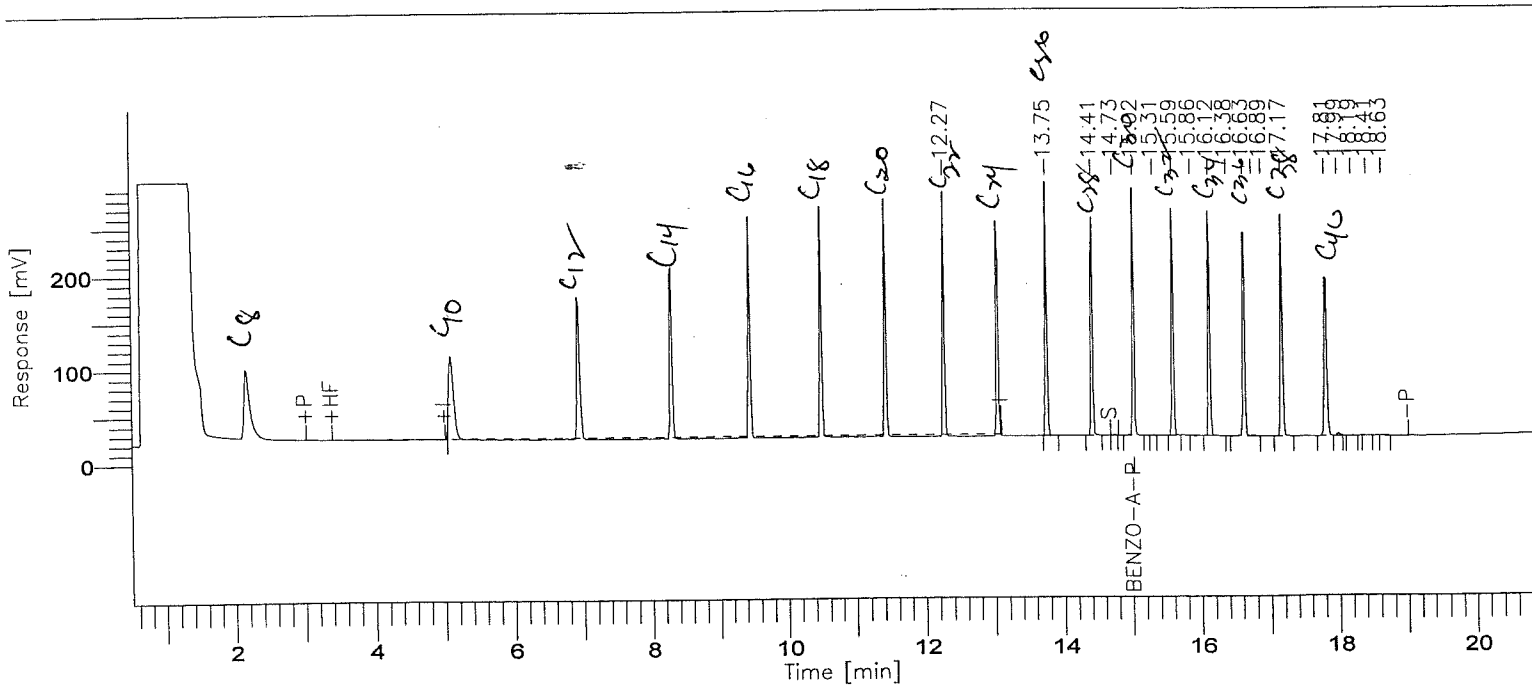
Raw Data File : C:\TC4\DATA_01\828_005.RAW
Result File : C:\TC4\DATA_01\828_005.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\828_005.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Sequence File : C:\TC4\DATA_01\828.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 19



001086

BOE-C6-0155751

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.03	DIESEL C10-C24	0	0.000	------	10.0	
15.02	BENZO-A-PYRENE	478054	45.301	362.4	10.0	
		478054	45.301			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\828_005.TX0

Turbochrom Sequence File : C:\TC4\DATA_01\828.SEQ
Created by : doug on : 8/28/00 09:10 AM
Edited by : EC on : 8/28/00 10:46 AM
Description :

ber of Times Edited : 2

Sequence File Header Information:

Number of Rows : 131
Instrument Type : 760 / 900 Series Intelligent Interface
Injection Type : SINGLE

Sequence Sample Descriptions - Channel A

Row	Type	Sample Name	Sample Number	Study Name	Sample Amount	ISTD Amount	Sample Volume	Dil. Factor	Mult	Divisor	Addend	Norm. factor
1	Sample	MECL2	MECL2	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
2	Sample	MECL2	MECL2	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
3	Sample	RT MARKER	C8-C40	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
4	Sample	MECL2	MECL2	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
5	Sample	RT MARKER	C8-C40	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
6	Cal:Replace	#TEPH00-98 DIES	40 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
7	Cal:Replace	#TEPH00-99 DIES	100 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
8	Cal:Replace	#TEPH00-143 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
9	Cal:Replace	#TEPH00-101 DIE	2000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
10	Cal:Replace	#TEPH00-102 DIE	5000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
11	Std Check	#TEPH00-129 SEC	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
12	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
13	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
14	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
15	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
16	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
17	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
18	Cal:Replace			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
19	Cal:Replace			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
	Cal:Replace			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
21	Cal:Replace			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
22	Cal:Replace			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
23	Std Check			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
24	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
25	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
26	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
27	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
28	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
29	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
30	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
31	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
32	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
33	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
34	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
35	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
36	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
37	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
38	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
39	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
40	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
41	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
42	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
43	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
44	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
45	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
46	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
47	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
48	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
49	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
50	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
51	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
52	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
53	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
54	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
55	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
56	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
57	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
58	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
59	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
60	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000

INITIAL CALIBRATION DATA

Date Analyzed: 10-3-00

Instrument ID: GC1

C8 → C40

Turbochrom Method File : C:\TC4\DATA_01\METHODS\C8-C40A.MTH <Modified>
Created by : ELVIE on : 6/8/00 12:53 PM
Edited by : ec on : 10/4/00 10:00 AM
Description :

Number of Times Edited : 32
Number of Times Calibrated : 589

ICAL 10-3-00

ALL AVG CF

Processing Parameters :
Bunch Factor : 1 points
Noise Threshold : 50 µV
Area Threshold : 200.00 µV

Peak Separation Criteria
Width Ratio : 0.200
Valley-to-Peak Ratio : 0.010

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

Baseline Timed Events :
Event #1 - -P at 0.131
Event #2 - +P at 1.500
Event #3 - -P at 23.390

Annotated Replot Parameters :
No replot will be printed

Report Format files :
No report format files given

User Programs :
User Program #1 : C:\TC4\DATA_01\RST_READ.EXE
Command Line : $RST
Entry Point : Post Analysis
Synchronize : NO

Global Information :
Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : YES
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06

Component Information :
C8-C9

001090

Component Type : Timed Group
Start Time : 1.957 min End Time : 4.935 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 250.000000
Value 2: 5.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	10.0000	98942.00	20976.93	----------	----------	1
2	20.0000	181282.00	37531.86	----------	----------	1
3	30.0000	314824.00	65619.88	----------	----------	1
4	40.0000	420877.00	85133.87	----------	----------	1
5	50.0000	499248.00	102748.16	----------	----------	1

Average Calibration Factor = 9991.863667 (%RSD = 5.93)

C10-C11
Component Type : Timed Group
Start Time : 4.936 min End Time : 6.607 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 250.000000
Value 2: 5.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	10.0000	104746.00	34392.64	----------	----------	1
2	20.0000	191191.38	60962.83	----------	----------	1
3	30.0000	331740.00	100901.38	----------	----------	1
4	40.0000	443619.70	132979.35	----------	----------	1
5	50.0000	528720.50	149845.42	----------	----------	1

Average Calibration Factor = 10551.414346 (%RSD = 5.88)

C12-C13
Component Type : Timed Group
Start Time : 6.608 min End Time : 8.021 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 250.000000
Value 2: 5.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	10.0000	110266.00	49885.54	----------	----------	1
2	20.0000	193761.27	82016.59	----------	----------	1

3	30.0000	333534.97	151395.93	----------	----------	1
4	40.0000	448041.99	196026.43	----------	----------	1
5	50.0000	531098.96	212299.79	----------	----------	1

Average Calibration Factor = 10731.104958 (%RSD = 5.81)

C14-C15

Component Type : Timed Group
Start Time : 8.022 min End Time : 9.151 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 250.000000
Value 2: 5.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	10.0000	150365.50	56818.65	----------	----------	1
2	20.0000	218824.35	104560.13	----------	----------	1
3	30.0000	355440.23	181276.09	----------	----------	1
4	40.0000	462324.60	230294.14	----------	----------	1
5	50.0000	542272.36	257979.20	----------	----------	1

Average Calibration Factor = 12045.867437 (%RSD = 14.31)

C16-C17

Component Type : Timed Group
Start Time : 9.152 min End Time : 10.231 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 250.000000
Value 2: 5.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	10.0000	112854.50	64028.09	----------	----------	1
2	20.0000	190749.20	112897.43	----------	----------	1
3	30.0000	330558.30	189891.03	----------	----------	1
4	40.0000	459089.70	244401.96	----------	----------	1
5	50.0000	539937.28	279018.73	----------	----------	1

Average Calibration Factor = 10823.501644 (%RSD = 7.06)

C18-C19

Component Type : Timed Group
Start Time : 10.232 min End Time : 11.208 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 250.000000
Value 2: 5.000000
Value 3: 0.000000

Value 4: 0.000000
Value 5: 30.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	10.0000	151176.00	80086.96	----------	----------	1
2	20.0000	215221.80	120773.02	----------	----------	1
3	30.0000	352871.50	189396.26	----------	----------	1
4	40.0000	461316.00	235650.36	----------	----------	1
5	50.0000	543630.90	269400.10	----------	----------	1

Average Calibration Factor = 12009.318282 (%RSD = 14.90)

C20-C23

Component Type : Timed Group
Start Time : 11.209 min End Time : 12.826 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 250.000000
Value 2: 5.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	10.0000	239776.61	124095.51	----------	----------	1
2	20.0000	389112.00	212507.34	----------	----------	1
3	30.0000	657391.50	364652.88	----------	----------	1
4	40.0000	887047.50	508553.47	----------	----------	1
5	50.0000	1052064.00	610875.15	----------	----------	1

Average Calibration Factor = 21712.755605 (%RSD = 7.61)

C24-C27

Component Type : Timed Group
Start Time : 12.827 min End Time : 14.240 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 250.000000
Value 2: 5.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	10.0000	212010.89	119498.53	----------	----------	1
2	20.0000	369377.00	203971.43	----------	----------	1
3	30.0000	656313.50	351026.98	----------	----------	1
4	40.0000	889214.50	472726.38	----------	----------	1
5	50.0000	1058488.00	566065.73	----------	----------	1

Average Calibration Factor = 20989.435728 (%RSD = 7.05)

C28-C31

Component Type : Timed Group
Start Time : 14.241 min End Time : 15.397 min
Reference Component:

Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 250.000000
Value 2: 5.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	10.0000	226569.00	115504.35	----------	----------	1
2	20.0000	379511.00	192383.60	----------	----------	1
3	30.0000	661454.00	338948.30	----------	----------	1
4	40.0000	894571.00	466021.08	----------	----------	1
5	50.0000	1064732.00	567732.02	----------	----------	1

Average Calibration Factor = 21467.966333 (%RSD = 6.91)

C32-C35
Component Type : Timed Group
Start Time : 15.398 min End Time : 16.398 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 250.000000
Value 2: 5.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	10.0000	227906.79	122057.86	----------	----------	1
2	20.0000	384509.87	224290.30	----------	----------	1
3	30.0000	663450.00	389173.28	----------	----------	1
4	40.0000	891252.50	529120.62	----------	----------	1
5	50.0000	1061257.50	636964.70	----------	----------	1

Average Calibration Factor = 21527.526898 (%RSD = 6.53)

C36-C39
Component Type : Timed Group
Start Time : 16.399 min End Time : 17.580 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 250.000000
Value 2: 5.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	10.0000	225067.21	101651.75	----------	----------	1
2	20.0000	393223.63	192977.38	----------	----------	1
3	30.0000	656936.00	326906.93	----------	----------	1
4	40.0000	879493.00	440446.22	----------	----------	1
5	50.0000	1051892.50	530395.23	----------	----------	1

Average Calibration Factor = 21418.188935 (%RSD = 5.20)

C40+

Component Type : Timed Group
Start Time : 17.581 min End Time : 21.000 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 250.000000
Value 2: 5.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	10.0000	103852.50	39580.28	----------	----------	1
2	20.0000	191119.00	74937.86	----------	----------	1
3	30.0000	320957.50	128162.59	----------	----------	1
4	40.0000	428857.00	172389.14	----------	----------	1
5	50.0000	513060.00	205176.18	----------	----------	1

Average Calibration Factor = 10324.481667 (%RSD = 4.58)

Software Version: 4.1<2F12>
Date: 10/4/00 09:57 AM
Sample Name : #TEPH00-165 RT MARKER
Data File : C:\TC4\DATA_01\O03_019.RAW Date: 10/3/00 09:06 PM
Sequence File: C:\TC4\DATA_01\O03.SEQ Cycle: 19 Channel : A
Instrument : GC-FID-01 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calibration performed at level: 1
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
C8-C9	3.446	10.00000	98942.000000	9894.200000	------	1	------	------	1	0
C10-C11	5.771	10.00000	104746.000000	10474.600000	------	1	------	------	1	0
C12-C13	7.314	10.00000	110266.000000	11026.600000	------	1	------	------	1	0
C14-C15	8.586	10.00000	150365.500000	15036.550000	------	1	------	------	1	0
C16-C17	9.691	10.00000	112854.500000	11285.450000	------	1	------	------	1	0
C18-C19	10.720	10.00000	151176.000000	15117.600000	------	1	------	------	1	0
C20-C23	12.018	10.00000	239776.605263	23977.660526	------	1	------	------	1	0
C24-C27	13.534	10.00000	212010.894737	21201.089474	------	1	------	------	1	0
C28-C31	14.819	10.00000	226569.000000	22656.900000	------	1	------	------	1	0
C32-C35	15.898	10.00000	227906.785714	22790.678571	------	1	------	------	1	0
C36-C39	16.989	10.00000	225067.214286	22506.721429	------	1	------	------	1	0
C40+	19.290	10.00000	103852.500000	10385.250000	------	1	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
- 0 = Insufficient data for outlier test (<3 replicates)
- 1 = Significant outlier (failed at 99.9% 2nd pass)
- 2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
- 3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
- 4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
- 5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
C8-C9	0.000000	9991.863667	----------	----------	--------	9
C10-C11	0.000000	10551.414346	----------	----------	--------	9
C12-C13	0.000000	10731.104958	----------	----------	--------	9
C14-C15	0.000000	12090.393179	----------	----------	--------	9
C16-C17	0.000000	10778.975901	----------	----------	--------	9
C18-C19	0.000000	12009.318282	----------	----------	--------	9
C20-C23	0.000000	21712.755605	----------	----------	--------	9
C24-C27	0.000000	20988.613228	----------	----------	--------	9
C28-C31	0.000000	29951.450620	----------	----------	--------	9
C32-C35	0.000000	13044.042611	----------	----------	--------	9
C36-C39	0.000000	21418.188935	----------	----------	--------	9
C40+	0.000000	10324.481667	----------	----------	--------	9

Calibration Status Explanations:
- 1 = Component not calibrated: Rejected based on user criteria
- 2 = Component not calibrated: Was not found in peak/group list

3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : #TEPH00-165 RT MARKER Time : 10/4/00 09:57 AM
Sample Number: 10 PPM Study : ICAL10/03/00
Operator :

Instrument : GC-FID-01 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2136574898 Data Acquisition Time: 10/3/00 09:06 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

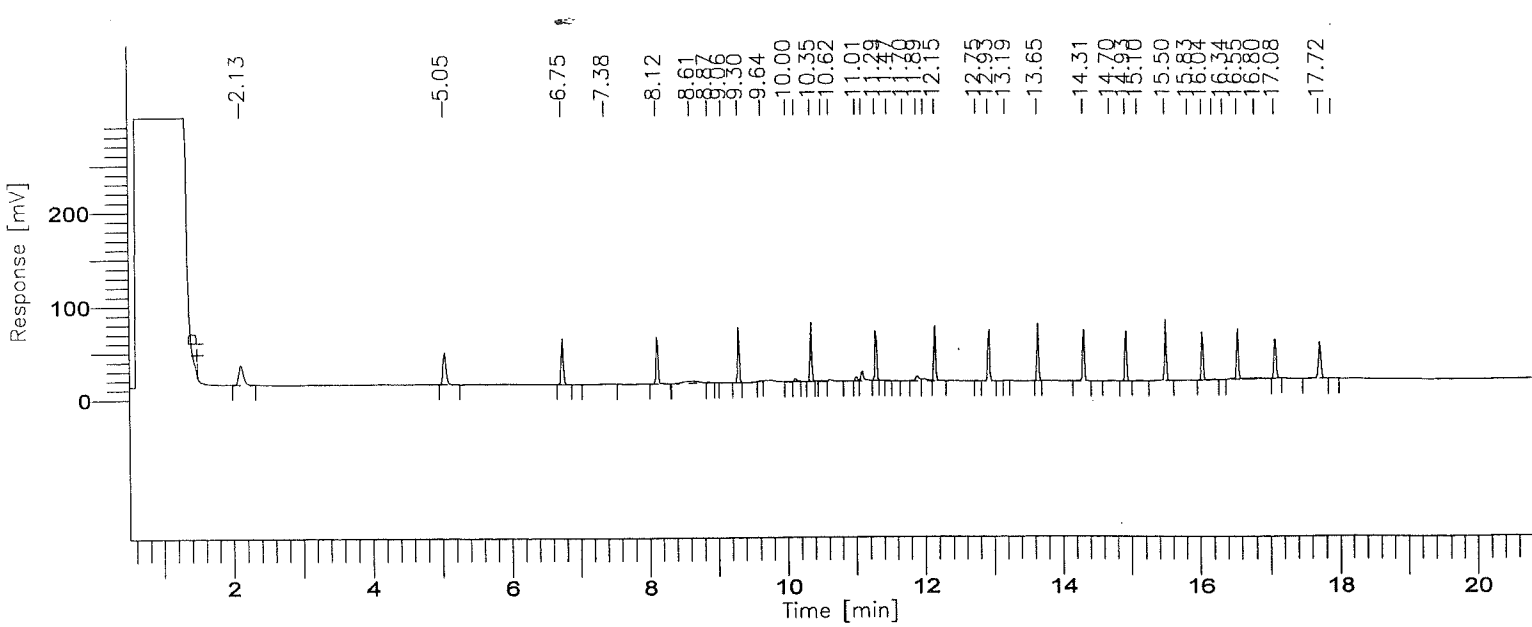
Raw Data File : C:\TC4\DATA_01\003_019.RAW
Result File : C:\TC4\DATA_01\003_019.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\003_019.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\003.SEQ

Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 200 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 41



001098

BOE-C6-0155763

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	98942	9.902	------	10.0	
5.77	C10-C11	104746	9.927	------	10.0	
7.31	C12-C13	110266	10.275	------	10.0	
8.59	C14-C15	150365	12.437	------	10.0	
9.69	C16-C17	112854	10.470	------	10.0	
10.72	C18-C19	151176	12.588	------	10.0	
12.02	C20-C23	239777	11.043	------	10.0	
13.53	C24-C27	212011	10.101	------	10.0	
14.82	C28-C31	226569	7.565	------	10.0	
15.90	C32-C35	227907	17.472	------	10.0	
16.99	C36-C39	225067	10.508	------	10.0	
19.29	C40+	103853	10.059	------	10.0	
		1963533	132.348			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.12		98942	0.099	------	10.0	
		98942	0.099			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.05		104746	0.105	------	10.0	
		104746	0.105			

oup Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

6.75		104602	0.105	------	10.0
7.38		5664	0.006	------	10.0
		110266	0.110		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.12		105551	0.106	------	10.0	
8.61		39568	0.040	------	10.0	
8.87		3185	0.003	------	10.0	
9.06		2062	0.002	------	10.0	
		150365	0.150			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].30		102360	0.102	------	10.0	
[illegible].64		1442	0.001	------	10.0	
10.00		1275	0.001	------	10.0	
10.12		7777	0.008	------	10.0	
		112854	0.113			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.35		102807	0.103	------	10.0	
10.50		2274	0.002	------	10.0	
10.62		6043	0.006	------	10.0	
11.01		11029	0.011	------	10.0	
11.09		29023	0.029	------	10.0	
		151176	0.151			

[illegible]oup Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.29		103326	0.103	------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.47		887	0.001	------	10.0	
11.70		527	0.001	------	10.0	
11.89		18802	0.019	------	10.0	
11.99		10069	0.010	------	10.0	
12.15		105705	0.106	------	10.0	
12.75		461	0.000	------	10.0	
		239777	0.240			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.93		105200	0.105	------	10.0	
13.18		1114	0.001	------	10.0	
13.65		105697	0.106	------	10.0	
		212011	0.212			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.31		110966	0.111	------	10.0	
14.70		4854	0.005	------	10.0	
14.93		106548	0.107	------	10.0	
15.10		4201	0.004	------	10.0	
		226569	0.227			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.50		111715	0.112	------	10.0	
15.83		5262	0.005	------	10.0	
16.04		102405	0.102	------	10.0	
.19		6715	0.007	------	10.0	
16.34		1809	0.002	------	10.0	
		227907	0.228			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.55		110363	0.110	------	10.0	
16.80		16677	0.017	------	10.0	
17.07		98027	0.098	------	10.0	
		225067	0.225			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.72		101619	0.102	------	10.0	
17.89		2234	0.002	------	10.0	
		103853	0.104			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\003_019.TX0

Software Version: 4.1<2F12>
Date: 10/4/00 09:57 AM
Sample Name : #TEPH00-166 RT MARKER
ta File : C:\TC4\DATA_01\O03_020.RAW Date: 10/3/00 09:36 PM
equence File: C:\TC4\DATA_01\O03.SEQ Cycle: 20 Channel : A
Instrument : GC-FID-01 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calibration performed at level: 2
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
C8-C9	3.446	20.00000	181282.000000	9064.100000	0.00	2	------	------	1	0
C10-C11	5.771	20.00000	191191.384615	9559.569231	0.00	2	------	------	1	0
C12-C13	7.314	20.00000	193761.267559	9688.063378	0.00	2	------	------	1	0
C14-C15	8.586	20.00000	218824.347826	10941.217391	0.00	2	------	------	1	0
C16-C17	9.691	20.00000	190749.200000	9537.460000	0.00	2	------	------	1	0
C18-C19	10.720	20.00000	215221.800000	10761.090000	0.00	2	------	------	1	0
C20-C23	12.018	20.00000	389112.000000	19455.600000	0.00	2	------	------	1	0
C27	13.534	20.00000	369377.000000	18468.850000	0.00	2	------	------	1	0
C28-C31	14.819	20.00000	379511.000000	18975.550000	0.00	2	------	------	1	0
C32-C35	15.898	20.00000	384509.868421	19225.493421	0.00	2	------	------	1	0
C36-C39	16.989	20.00000	393223.631579	19661.181579	0.00	2	------	------	1	0
C40+	19.290	20.00000	191119.000000	9555.950000	0.00	2	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
- 0 = Insufficient data for outlier test (<3 replicates)
- 1 = Significant outlier (failed at 99.9% 2nd pass)
- 2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
- 3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
- 4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
- 5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
C8-C9	0.000000	9991.863667	----------	----------	--------	9
C10-C11	0.000000	10551.414346	----------	----------	--------	9
C12-C13	0.000000	10731.104958	----------	----------	--------	9
C14-C15	0.000000	12090.393179	----------	----------	--------	9
C16-C17	0.000000	10778.975901	----------	----------	--------	9
C18-C19	0.000000	12009.318282	----------	----------	--------	9
C20-C23	0.000000	21712.755605	----------	----------	--------	9
C24-C27	0.000000	20988.613228	----------	----------	--------	9
C28-C31	0.000000	28051.585620	----------	----------	--------	9
C32-C35	0.000000	14943.907611	----------	----------	--------	9
C39	0.000000	21418.188935	----------	----------	--------	9
+	0.000000	10324.481667	----------	----------	--------	9

Calibration Status Explanations:
- 1 = Component not calibrated: Rejected based on user criteria
- 2 = Component not calibrated: Was not found in peak/group list

3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : #TEPH00-166 RT MARKER
Sample Number: 20 PPM
Operator :

Time : 10/4/00 09:58 AM
Study : ICAL10/03/00

Instrument : GC-FID-01
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2136574898 Data Acquisition Time: 10/3/00 09:36 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_01\O03_020.RAW
Result File : C:\TC4\DATA_01\O03_020.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O03_020.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O03.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

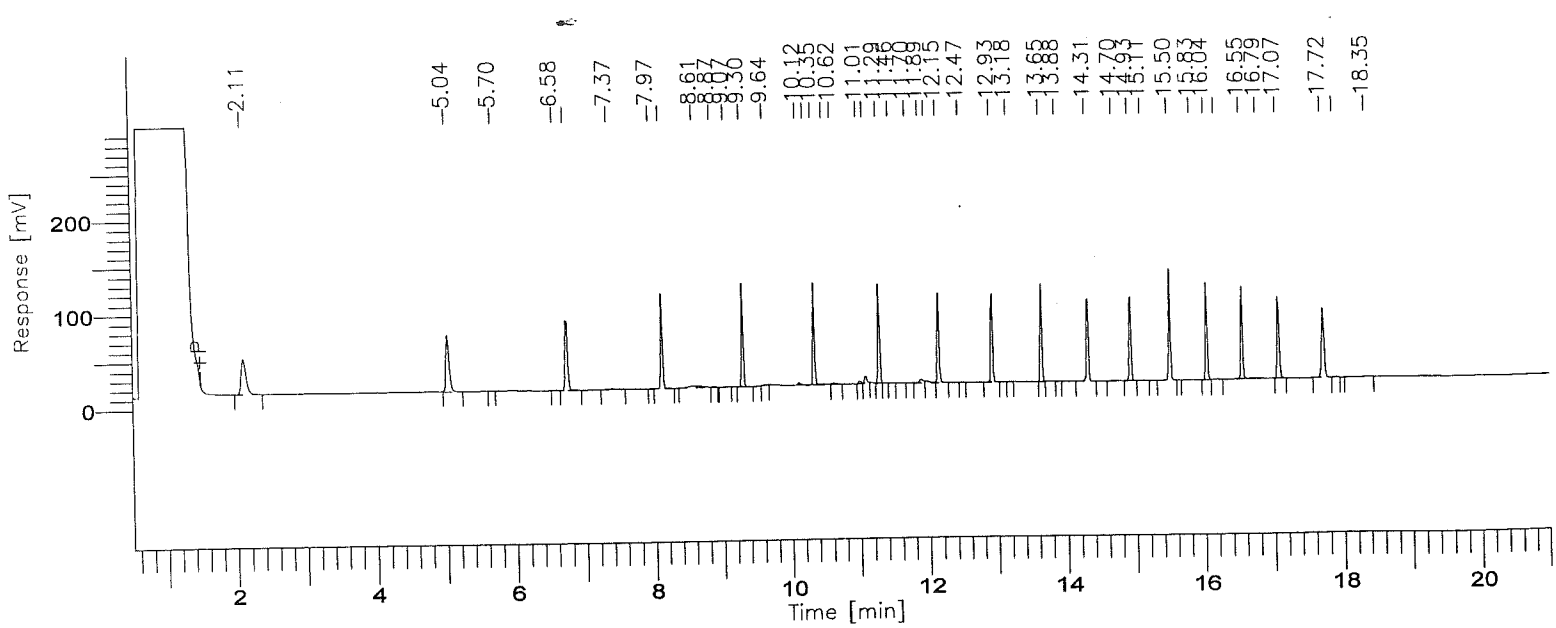
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 45



001105

BOE-C6-0155770

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	181282	18.143	------	10.0	
5.77	C10-C11	191191	18.120	------	10.0	
7.31	C12-C13	193761	18.056	------	10.0	
8.59	C14-C15	218824	18.099	------	10.0	
9.69	C16-C17	190749	17.696	------	10.0	
10.72	C18-C19	215222	17.921	------	10.0	
12.02	C20-C23	389112	17.921	------	10.0	
13.53	C24-C27	369377	17.599	------	10.0	
14.82	C28-C31	379511	13.529	------	10.0	
15.90	C32-C35	384510	25.730	------	10.0	
16.99	C36-C39	393224	18.359	------	10.0	
19.29	C40+	191119	18.511	------	10.0	
		3297882	219.685			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.11		181282	0.181	------	10.0	
		181282	0.181			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.04		189332	0.189	------	10.0	
5.70		203	0.000	------	10.0	
6.58		1656	0.002	------	10.0	
		191191	0.191			

Group Report For : C12-C13

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
[illegible].74		187743	0.188	------	10.0
[illegible].37		4956	0.005	------	10.0
7.97		1063	0.001	------	10.0
		193761	0.194		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.12		185237	0.185	------	10.0	
8.61		30042	0.030	------	10.0	
8.87		2322	0.002	------	10.0	
9.07		1223	0.001	------	10.0	
		218824	0.219			

Group Report For : C16-C17

[illegible]me [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.30		181367	0.181	------	10.0	
9.64		2049	0.002	------	10.0	
10.12		6429	0.006	------	10.0	
10.23		904	0.001	------	10.0	
		190749	0.191			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.35		181663	0.182	------	10.0	
10.51		4127	0.004	------	10.0	
10.62		4432	0.004	------	10.0	
11.01		7349	0.007	------	10.0	
11.09		17651	0.018	------	10.0	
		215222	0.215			

Group Report For : C20-C23

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
[illegible].29		181508	0.182	------	10.0
[illegible].46		560	0.001	------	10.0
11.70		563	0.001	------	10.0
11.89		14696	0.015	------	10.0
11.98		8022	0.008	------	10.0
12.15		183309	0.183	------	10.0
12.47		454	0.000	------	10.0
		389112	0.389		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.93		183241	0.183	------	10.0	
13.17		829	0.001	------	10.0	
13.65		184925	0.185	------	10.0	
13.88		382	0.000	------	10.0	
		369377	0.369			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.31		188779	0.189	------	10.0	
14.70		3774	0.004	------	10.0	
14.93		184718	0.185	------	10.0	
15.11		2240	0.002	------	10.0	
		379511	0.380			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.50		189986	0.190	------	10.0	
15.83		3581	0.004	------	10.0	
[illegible].04		186422	0.186	------	10.0	
16.19		4521	0.005	------	10.0	
		384510	0.385			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.55		194622	0.195	------	10.0	
16.79		8207	0.008	------	10.0	
17.07		190395	0.190	------	10.0	
		393224	0.393			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.72		183916	0.184	------	10.0	
17.89		2692	0.003	------	10.0	
18.35		4511	0.005	------	10.0	
		191119	0.191			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\003_020.TX0

Software Version: 4.1<2F12>
Date: 10/4/00 09:58 AM
Sample Name : #TEPH00 167 RT MARKER
Data File : C:\TC4\DATA_01\003_021.RAW Date: 10/3/00 10:06 PM
Sequence File: C:\TC4\DATA_01\003.SEQ Cycle: 21 Channel : A
Instrument : GC-FID-01 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calibration performed at level: 3
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
C8-C9	3.446	30.00000	314824.000000	10494.133333	0.00	3	------	------	1	0
C10-C11	5.771	30.00000	331740.000000	11058.000000	0.00	3	------	------	1	0
C12-C13	7.314	30.00000	333534.972222	11117.832407	0.00	3	------	------	1	0
C14-C15	8.586	30.00000	355440.229270	11848.007642	0.00	3	------	------	1	0
C16-C17	9.691	30.00000	330558.298507	11018.609950	0.00	3	------	------	1	0
C18-C19	10.720	30.00000	352871.500000	11762.383333	0.00	3	------	------	1	0
C20-C23	12.018	30.00000	657391.500000	21913.050000	0.00	3	------	------	1	0
C27	13.533	30.00000	656313.500000	21877.116667	0.00	3	------	------	1	0
C31	14.819	30.00000	661454.000000	22048.466667	0.00	3	------	------	1	0
C32-C35	15.898	30.00000	663450.000000	22115.000000	0.00	3	------	------	1	0
C36-C39	16.989	30.00000	656936.000000	21897.866667	0.00	3	------	------	1	0
C40+	19.290	30.00000	320957.500000	10698.583333	0.00	3	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
- 0 = Insufficient data for outlier test (<3 replicates)
- 1 = Significant outlier (failed at 99.9% 2nd pass)
- 2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
- 3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
- 4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
- 5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
C8-C9	0.000000	9991.863667	----------	----------	--------	9
C10-C11	0.000000	10551.414346	----------	----------	--------	9
C12-C13	0.000000	10731.104958	----------	----------	--------	9
C14-C15	0.000000	12075.197309	----------	----------	--------	9
C16-C17	0.000000	10794.171772	----------	----------	--------	9
C18-C19	0.000000	12009.318282	----------	----------	--------	9
C20-C23	0.000000	21712.755605	----------	----------	--------	9
C24-C27	0.000000	20988.613228	----------	----------	--------	9
C28-C31	0.000000	25839.788143	----------	----------	--------	9
C32-C35	0.000000	17155.705089	----------	----------	--------	9
C36-C39	0.000000	21418.188935	----------	----------	--------	9
C40+	0.000000	10324.481667	----------	----------	--------	9

Calibration Status Explanations:
- 1 = Component not calibrated: Rejected based on user criteria
- 2 = Component not calibrated: Was not found in peak/group list

3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : #TEPH00 167 RT MARKER
Sample Number: 30 PPM
Operator :

Time : 10/4/00 09:58 AM
Study : ICAL10/03/00

Instrument : GC-FID-01
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2136574898 Data Acquisition Time: 10/3/00 10:06 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_01\O03_021.RAW
Result File : C:\TC4\DATA_01\O03_021.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O03_021.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O03.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

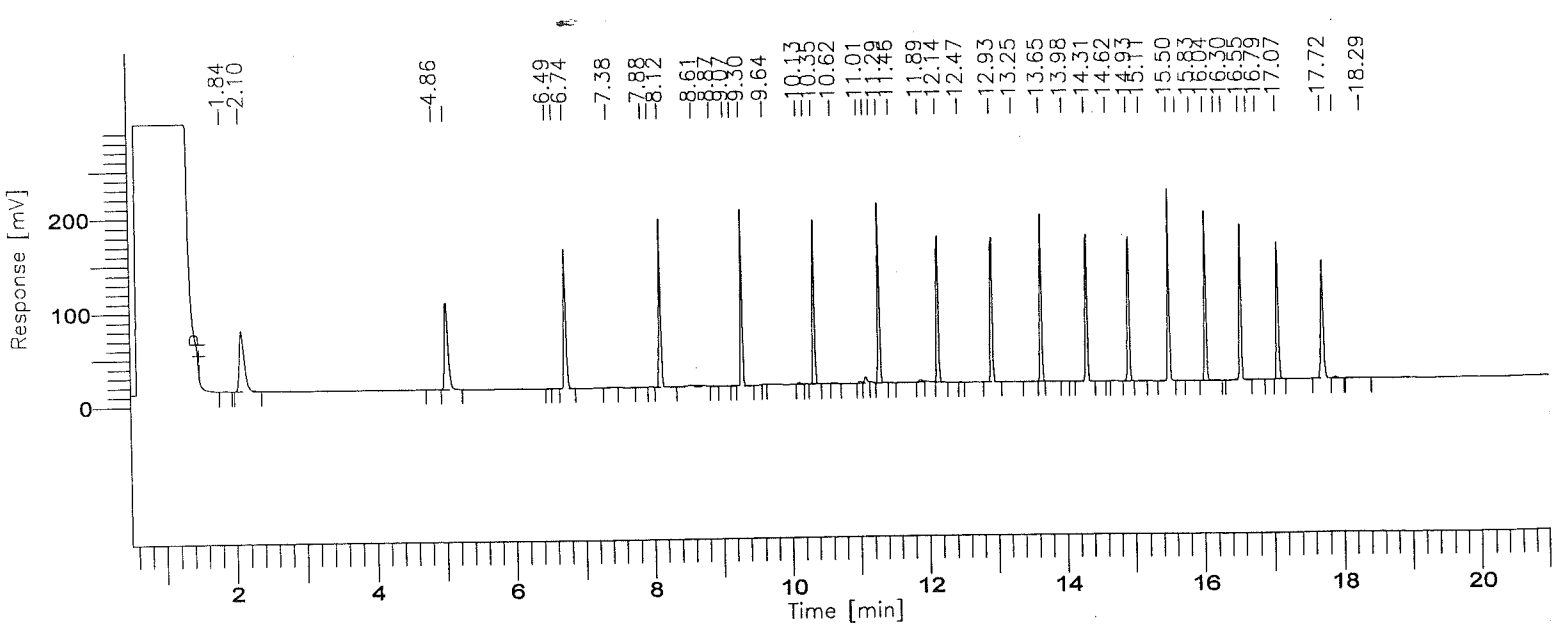
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 50



8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	314824	31.508	------	10.0	
5.77	C10-C11	331740	31.440	------	10.0	
7.31	C12-C13	333535	31.081	------	10.0	
8.59	C14-C15	355440	29.436	------	10.0	
9.69	C16-C17	330558	30.624	------	10.0	
10.72	C18-C19	352872	29.383	------	10.0	
12.02	C20-C23	657392	30.277	------	10.0	
13.53	C24-C27	656314	31.270	------	10.0	
14.82	C28-C31	661454	25.598	------	10.0	
15.90	C32-C35	663450	38.672	------	10.0	
16.99	C36-C39	656936	30.672	------	10.0	
19.29	C40+	320958	31.087	------	10.0	
		5635472	371.048			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.10		313084	0.313	------	10.0	
4.86		1739	0.002	------	10.0	
		314824	0.315			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.02		329192	0.329	------	10.0	
6.49		482	0.000	------	10.0	
6.59		2066	0.002	------	10.0	
		331740	0.332			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
74		325176	0.325	------	10.0	
7.38		3985	0.004	------	10.0	
7.88		1679	0.002	------	10.0	
7.98		2695	0.003	------	10.0	
		333535	0.334			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.12		324219	0.324	------	10.0	
8.61		25299	0.025	------	10.0	
8.87		2631	0.003	------	10.0	
9.07		3291	0.003	------	10.0	
		355440	0.355			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.17		2279	0.002	------	10.0	
9.30		321720	0.322	------	10.0	
9.64		764	0.001	------	10.0	
10.12		4887	0.005	------	10.0	
10.23		908	0.001	------	10.0	
		330558	0.331			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.35		320989	0.321	------	10.0	
10.62		2448	0.002	------	10.0	
11.01		6906	0.007	------	10.0	
[illegible].09		18434	0.018	------	10.0	
11.18		4094	0.004	------	10.0	
		352872	0.353			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.29		325676	0.326	------	10.0	
11.46		794	0.001	------	10.0	
11.89		7650	0.008	------	10.0	
12.14		322896	0.323	------	10.0	
12.47		376	0.000	------	10.0	
		657392	0.657			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.93		324592	0.325	------	10.0	
13.25		2602	0.003	------	10.0	
13.65		328711	0.329	------	10.0	
13.98		408	0.000	------	10.0	
		656314	0.656			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.31		331806	0.332	------	10.0	
14.62		489	0.000	------	10.0	
14.93		327474	0.327	------	10.0	
15.11		1685	0.002	------	10.0	
		661454	0.661			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.50		331770	0.332	------	10.0	
15.63		1261	0.001	------	10.0	
15.83		3038	0.003	------	10.0	
16.04		323007	0.323	------	10.0	
16.19		4087	0.004	------	10.0	
16.30		288	0.000	------	10.0	

663450	0.663	

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.55		326978	0.327	------	10.0	
16.66		3004	0.003	------	10.0	
16.79		3928	0.004	------	10.0	
17.07		323026	0.323	------	10.0	
		656936	0.657			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.72		312418	0.312	------	10.0	
17.89		5701	0.006	------	10.0	
18.29		2838	0.003	------	10.0	
		320958	0.321			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\003_021.TX0

Software Version: 4.1<2F12>
Date: 10/4/00 09:58 AM
Sample Name : #TEPH00-168 RT MARKER
Data File : C:\TC4\DATA_01\003_022.RAW Date: 10/3/00 10:36 PM
Sequence File: C:\TC4\DATA_01\003.SEQ Cycle: 22 Channel : A
Instrument : GC-FID-01 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calibration performed at level: 4
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
C8-C9	3.446	40.00000	420877.000000	10521.925000	0.00	4	------	------	1	0
C10-C11	5.771	40.00000	443619.700000	11090.492500	0.00	4	------	------	1	0
C12-C13	7.314	40.00000	448041.994444	11201.049861	0.00	4	------	------	1	0
C14-C15	8.586	40.00000	462324.601010	11558.115025	0.00	4	------	------	1	0
C16-C17	9.691	40.00000	459089.704545	11477.242614	0.00	4	------	------	1	0
C18-C19	10.720	40.00000	461316.000000	11532.900000	0.00	4	------	------	1	0
C20-C23	12.018	40.00000	887047.500000	22176.187500	0.00	4	------	------	1	0
C24-C27	13.534	40.00000	889214.500000	22230.362500	0.00	4	------	------	1	0
C28-C31	14.819	40.00000	894571.000000	22364.275000	0.00	4	------	------	1	0
C32-C35	15.898	40.00000	891252.500000	22281.312500	0.00	4	------	------	1	0
C36-C39	16.989	40.00000	879493.000000	21987.325000	0.00	4	------	------	1	0
C40+	19.290	40.00000	428857.000000	10721.425000	0.00	4	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
- 0 = Insufficient data for outlier test (<3 replicates)
- 1 = Significant outlier (failed at 99.9% 2nd pass)
- 2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
- 3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
- 4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
- 5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
C8-C9	0.000000	9991.863667	----------	----------	--------	9
C10-C11	0.000000	10551.414346	----------	----------	--------	9
C12-C13	0.000000	10731.104958	----------	----------	--------	9
C14-C15	0.000000	12059.643407	----------	----------	--------	9
C16-C17	0.000000	10809.725674	----------	----------	--------	9
C18-C19	0.000000	12009.318282	----------	----------	--------	9
C20-C23	0.000000	21712.755605	----------	----------	--------	9
C24-C27	0.000000	20988.735728	----------	----------	--------	9
C28-C31	0.000000	23599.853857	----------	----------	--------	9
C32-C35	0.000000	19395.639375	----------	----------	--------	9
C36-C39	0.000000	21418.188935	----------	----------	--------	9
C40+	0.000000	10324.481667	----------	----------	--------	9

Calibration Status Explanations:
- 1 = Component not calibrated: Rejected based on user criteria
- 2 = Component not calibrated: Was not found in peak/group list

3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : #TEPH00-168 RT MARKER
Sample Number: 40 PPM
Operator :

Time : 10/4/00 09:58 AM
Study : ICAL10/03/00

Instrument : GC-FID-01
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2136574898 Data Acquisition Time: 10/3/00 10:36 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_01\O03_022.RAW
Result File : C:\TC4\DATA_01\O03_022.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O03_022.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O03.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

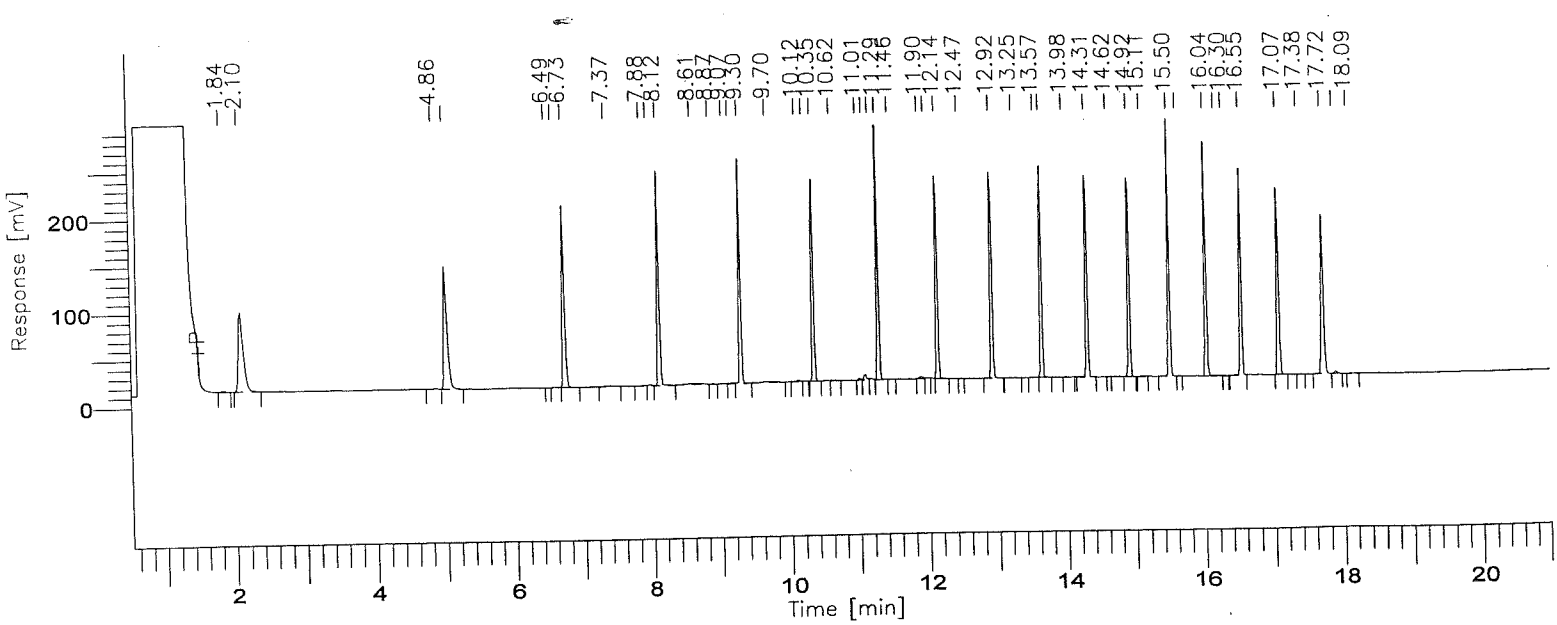
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 50



001119

BOE-C6-0155784

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	420877	42.122	------	10.0	
5.77	C10-C11	443620	42.044	------	10.0	
7.31	C12-C13	448042	41.752	------	10.0	
8.59	C14-C15	462325	38.337	------	10.0	
9.69	C16-C17	459090	42.470	------	10.0	
10.72	C18-C19	461316	38.413	------	10.0	
12.02	C20-C23	887048	40.854	------	10.0	
13.53	C24-C27	889214	42.366	------	10.0	
14.82	C28-C31	894571	37.906	------	10.0	
15.90	C32-C35	891252	45.951	------	10.0	
16.99	C36-C39	879493	41.063	------	10.0	
19.29	C40+	428857	41.538	------	10.0	
		7565704	494.815			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.10		418860	0.419	------	10.0	
4.86		2017	0.002	------	10.0	
		420877	0.421			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.02		440068	0.440	------	10.0	
6.49		707	0.001	------	10.0	
6.58		2844	0.003	------	10.0	
		443620	0.444			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
6.73		437357	0.437	------	10.0	
7.36		5762	0.006	------	10.0	
7.88		1587	0.002	------	10.0	
7.98		3337	0.003	------	10.0	
		448042	0.448			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.12		437078	0.437	------	10.0	
8.61		21126	0.021	------	10.0	
8.87		1874	0.002	------	10.0	
9.07		2247	0.002	------	10.0	
		462325	0.462			

(up Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.17		3111	0.003	------	10.0	
9.30		435391	0.435	------	10.0	
9.70		15080	0.015	------	10.0	
10.12		4100	0.004	------	10.0	
10.23		1407	0.001	------	10.0	
		459090	0.459			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.34		435502	0.436	------	10.0	
10.62		2113	0.002	------	10.0	
11.01		5452	0.005	------	10.0	
.09		14885	0.015	------	10.0	
11.18		3364	0.003	------	10.0	
		461316	0.461			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.28		438426	0.438	------	10.0	
11.46		468	0.000	------	10.0	
11.89		8168	0.008	------	10.0	
11.98		1970	0.002	------	10.0	
12.14		437617	0.438	------	10.0	
12.47		398	0.000	------	10.0	
		887048	0.887			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.92		439448	0.439	------	10.0	
13.25		1986	0.002	------	10.0	
13.57		566	0.001	------	10.0	
13.64		446632	0.447	------	10.0	
[illegible]98		583	0.001	------	10.0	
		889214	0.889			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.31		448145	0.448	------	10.0	
14.62		795	0.001	------	10.0	
14.92		444362	0.444	------	10.0	
15.11		1268	0.001	------	10.0	
		894571	0.895			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.50		447987	0.448	------	10.0	
15.63		974	0.001	------	10.0	
16.04		438327	0.438	------	10.0	
16.19		3504	0.004	------	10.0	
16.30		460	0.000	------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
		891252	0.891			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.54		439556	0.440	------	10.0	
17.07		439353	0.439	------	10.0	
17.38		584	0.001	------	10.0	
		879493	0.879			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
72		421515	0.422	------	10.0	
17.89		6803	0.007	------	10.0	
18.09		538	0.001	------	10.0	
		428857	0.429			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\003_022.TX0

Software Version: 4.1<2F12>
Date: 10/4/00 09:58 AM
Sample Name : #TEPH00-169 RT MARKER
Data File : C:\TC4\DATA_01\003_023.RAW Date: 10/3/00 11:06 PM
Sequence File: C:\TC4\DATA_01\003.SEQ Cycle: 23 Channel : A
Instrument : GC-FID-01 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calibration performed at level: 5
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
C8-C9	3.446	50.00000	499248.000000	9984.960000	0.00	5	------	------	1	0
C10-C11	5.771	50.00000	528720.500000	10574.410000	0.00	5	------	------	1	0
C12-C13	7.314	50.00000	531098.957143	10621.979143	0.00	5	------	------	1	0
C14-C15	8.586	50.00000	542272.356290	10845.447126	0.00	5	------	------	1	0
C16-C17	9.691	50.00000	539937.282721	10798.745654	0.00	5	------	------	1	0
C18-C19	10.720	50.00000	543630.903846	10872.618077	0.00	5	------	------	1	0
C20-C23	12.018	50.00000	1052064.000000	21041.280000	0.00	5	------	------	1	0
C[illegible]27	13.534	50.00000	1058488.000000	21169.760000	0.00	5	------	------	1	0
C[illegible]31	14.819	50.00000	1064732.000000	21294.640000	0.00	5	------	------	1	0
C32-C35	15.898	50.00000	1061257.500000	21225.150000	0.00	5	------	------	1	0
C36-C39	16.989	50.00000	1051892.500000	21037.850000	0.00	5	------	------	1	0
C40+	19.290	50.00000	513060.000000	10261.200000	0.00	5	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
- 0 = Insufficient data for outlier test (<3 replicates)
- 1 = Significant outlier (failed at 99.9% 2nd pass)
- 2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
- 3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
- 4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
- 5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
C8-C9	0.000000	9991.863667	----------	----------	--------	9
C10-C11	0.000000	10551.414346	----------	----------	--------	9
C12-C13	0.000000	10731.104958	----------	----------	--------	9
C14-C15	0.000000	12045.867437	----------	----------	--------	9
C16-C17	0.000000	10823.501644	----------	----------	--------	9
C18-C19	0.000000	12009.318282	----------	----------	--------	9
C20-C23	0.000000	21712.755605	----------	----------	--------	9
C24-C27	0.000000	20989.435728	----------	----------	--------	9
C28-C31	0.000000	21467.966333	----------	----------	--------	9
C32-C35	0.000000	21527.526898	----------	----------	--------	9
[illegible]-C39	0.000000	21418.188935	----------	----------	--------	9
[illegible]	0.000000	10324.481667	----------	----------	--------	9

Calibration Status Explanations:
- 1 = Component not calibrated: Rejected based on user criteria
- 2 = Component not calibrated: Was not found in peak/group list

3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : #TEPH00-169 RT MARKER
Sample Number: 50 PPM
O ;ator :

Time : 10/4/00 09:58 AM
Study : ICAL10/03/00

Instrument : GC-FID-01
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2136574898 Data Acquisition Time: 10/3/00 11:06 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_01\003_023.RAW
Result File : C:\TC4\DATA_01\003_023.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\003_023.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\003.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

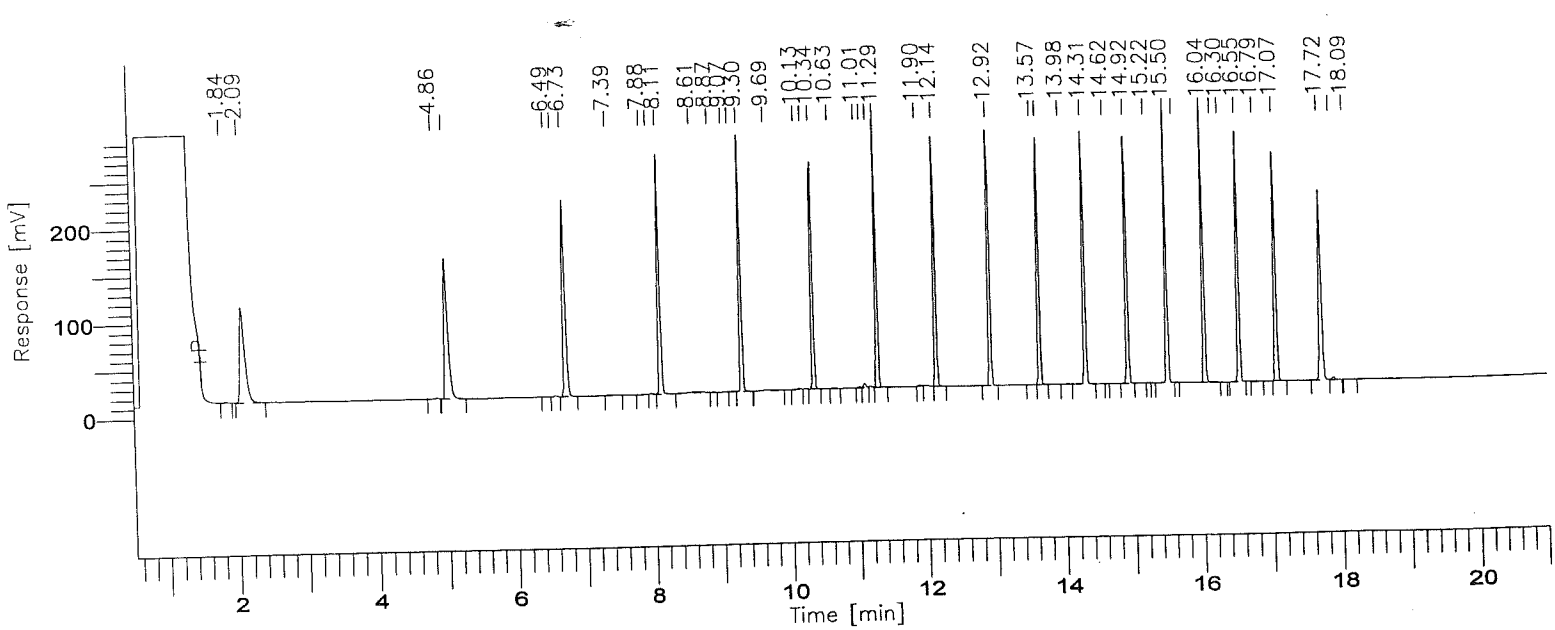
Noise Threshold: 50
' tiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 46



001126

BOE-C6-0155791

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	499248	49.965	------	10.0	
5.77	C10-C11	528720	50.109	------	10.0	
7.31	C12-C13	531099	49.492	------	10.0	
8.59	C14-C15	542272	45.017	------	10.0	
9.69	C16-C17	539937	49.886	------	10.0	
10.72	C18-C19	543631	45.267	------	10.0	
12.02	C20-C23	1052064	48.454	------	10.0	
13.53	C24-C27	1058488	50.430	------	10.0	
14.82	C28-C31	1064732	49.596	------	10.0	
15.90	C32-C35	1061258	49.298	------	10.0	
16.99	C36-C39	1051892	49.112	------	10.0	
19.29	C40+	513060	49.694	------	10.0	
		8986402	586.319			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.09		496715	0.497	------	10.0	
4.86		2533	0.003	------	10.0	
		499248	0.499			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.01		524854	0.525	------	10.0	
6.49		729	0.001	------	10.0	
6.58		3137	0.003	------	10.0	
		528720	0.529			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible]73		520601	0.521	------	10.0	
7.39		4534	0.005	------	10.0	
7.88		1982	0.002	------	10.0	
7.98		3982	0.004	------	10.0	
		531099	0.531			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.11		519686	0.520	------	10.0	
8.61		18294	0.018	------	10.0	
8.87		1686	0.002	------	10.0	
9.07		2607	0.003	------	10.0	
		542272	0.542			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.17		3444	0.003	------	10.0	
9.30		518036	0.518	------	10.0	
9.69		13324	0.013	------	10.0	
10.13		3479	0.003	------	10.0	
10.23		1654	0.002	------	10.0	
		539937	0.540			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.34		519209	0.519	------	10.0	
10.62		1826	0.002	------	10.0	
11.01		4763	0.005	------	10.0	
[illegible].09		13471	0.013	------	10.0	
[illegible].18		4362	0.004	------	10.0	
		543631	0.544			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.28		523896	0.524	------	10.0	
11.90		5156	0.005	------	10.0	
12.14		523012	0.523	------	10.0	
		1052064	1.052			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.92		524343	0.524	------	10.0	
13.57		526	0.001	------	10.0	
13.64		533030	0.533	------	10.0	
13.98		589	0.001	------	10.0	
		1058488	1.058			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.31		533853	0.534	------	10.0	
14.62		815	0.001	------	10.0	
14.92		529515	0.530	------	10.0	
15.22		549	0.001	------	10.0	
		1064732	1.065			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.50		532972	0.533	------	10.0	
15.63		1162	0.001	------	10.0	
16.04		522881	0.523	------	10.0	
[illegible].18		3624	0.004	------	10.0	
16.29		619	0.001	------	10.0	
		1061258	1.061			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.55		524789	0.525	------	10.0	
16.79		1898	0.002	------	10.0	
17.07		525206	0.525	------	10.0	
		1051892	1.052			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.71		504088	0.504	------	10.0	
17.89		8232	0.008	------	10.0	
18.09		740	0.001	------	10.0	
		513060	0.513			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\003_023.TX0

10-4-00

ICAL 10-3-00

FILES 19-24

C8 1.957 - 4.935

C10 4.936 - 6.607

C12 6.608 - 8.021

C14 8.022 - 9.151

C16 9.152 - 10.231

C18 10.232 - 11.208

C20 11.209 - 12.826

C24 12.827 - 14.240

C28 14.241 - 15.397

C32 15.398 - 16.398

C36 16.395 - 17.580

C40 17.581 - 31.0

Software Version: 4.1<2F12>
Sample Name : DAILY RT MARKER
Sample Number: C8-C40
Operator :

Time : 10/4/00 10:12 AM
Study : ICAL10/03/00

Instrument : GC-FID-01
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2136574898 Data Acquisition Time: 10/3/00 08:36 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_01\O03_018A.RAW
Result File : C:\TC4\DATA_01\O03_018A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O03_018A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O03.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Noise Threshold: 50
Multiplier : 1.0000

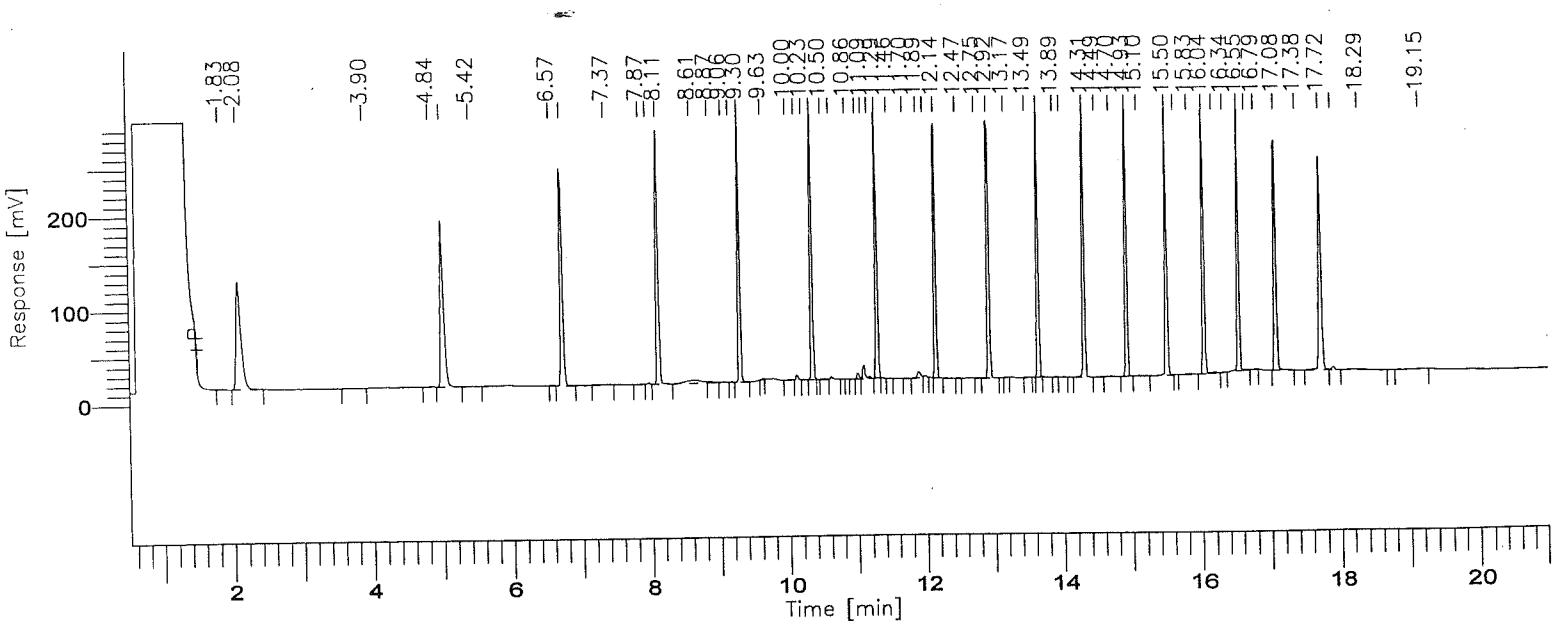
Area Threshold : 200
Divisor : 1.0000

Bunch Factor: 1
Addend : 0.0000

User1 : TPHDA
User2 :
User3 :
User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 62



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BOE-C6-0155797

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.45	C8-C9	559484	55.994	------	10.0	
5.77	C10-C11	590150	55.931	------	10.0	
7.31	C12-C13	587180	54.718	------	10.0	
8.59	C14-C15	642226	53.315	------	10.0	
9.69	C16-C17	592742	54.764	------	10.0	
10.72	C18-C19	639711	53.268	------	10.0	
12.02	C20-C23	1187222	54.679	------	10.0	
13.53	C24-C27	1175387	55.999	------	10.0	
14.82	C28-C31	1199112	55.856	------	10.0	
15.90	C32-C35	1206984	56.067	------	10.0	
16.99	C36-C39	1203641	56.197	------	10.0	
19.29	C40+	612808	59.355	------	10.0	
		10196647	666.142			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.08		555150	0.555	------	10.0	
3.90		1043	0.001	------	10.0	
4.84		3291	0.003	------	10.0	
		559484	0.559			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.00		584142	0.584	------	10.0	
5.42		3072	0.003	------	10.0	
[illegible].57		2937	0.003	------	10.0	
		590150	0.590			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.72		579151	0.579	------	10.0	
7.37		3190	0.003	------	10.0	
7.87		1640	0.002	------	10.0	
7.97		3200	0.003	------	10.0	
		587180	0.587			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.11		576075	0.576	------	10.0	
8.61		54435	0.054	------	10.0	
8.87		7224	0.007	------	10.0	
9.06		4491	0.004	------	10.0	
		642226	0.642			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.17		2111	0.002	------	10.0	
9.30		572313	0.572	------	10.0	
9.63		1998	0.002	------	10.0	
10.00		2315	0.002	------	10.0	
10.12		12192	0.012	------	10.0	
10.23		1814	0.002	------	10.0	
		592742	0.593			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.34		572752	0.573	------	10.0	
10.50		2561	0.003	------	10.0	
62		6077	0.006	------	10.0	
10.85		327	0.000	------	10.0	
11.01		15811	0.016	------	10.0	
11.09		35479	0.035	------	10.0	
11.18		6704	0.007	------	10.0	

	639711	0.640

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.29		576589	0.577	------	10.0	
11.46		1072	0.001	------	10.0	
11.70		696	0.001	------	10.0	
11.89		23274	0.023	------	10.0	
11.99		6059	0.006	------	10.0	
12.14		577792	0.578	------	10.0	
12.47		1176	0.001	------	10.0	
12.75		563	0.001	------	10.0	
		1187222	1.187			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.92		581966	0.582	------	10.0	
13.17		1513	0.002	------	10.0	
13.48		1074	0.001	------	10.0	
13.65		588904	0.589	------	10.0	
13.89		610	0.001	------	10.0	
13.98		1320	0.001	------	10.0	
		1175387	1.175			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.31		594663	0.595	------	10.0	
14.49		1681	0.002	------	10.0	
14.70		6684	0.007	------	10.0	
14.93		589964	0.590	------	10.0	
15.10		6121	0.006	------	10.0	
		1199112	1.199			

Group Report For : C32-C35

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
1[illegible] 50		600034	0.600	------	10.0
15.63		1718	0.002	------	10.0
15.83		8954	0.009	------	10.0
16.04		586586	0.587	------	10.0
16.18		7555	0.008	------	10.0
16.34		2137	0.002	------	10.0
		1206984	1.207		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.55		597016	0.597	------	10.0	
16.66		6024	0.006	------	10.0	
16.79		3944	0.004	------	10.0	
17.08		595688	0.596	------	10.0	
17.38		970	0.001	------	10.0	
		1203641	1.204			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.72		576178	0.576	------	10.0	
17.89		10580	0.011	------	10.0	
18.29		18714	0.019	------	10.0	
19.15		7336	0.007	------	10.0	
		612808	0.613			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O03_018A.TXO

Turbochrom Sequence File : C:\TC4\DATA_01\003.SEQ
Created by : doug on : 10/3/00 07:49 AM
Edited by : EC on : 10/4/00 10:12 AM
Description :

Number of Times Edited : 15

Sequence File Header Information:

Number of Rows : 84
Instrument Type : 760 / 900 Series Intelligent Interface
Injection Type : SINGLE

Sequence Sample Descriptions - Channel A

Row	Type	Sample Name	Sample Number	Study Name	Sample Amount	ISTD Amount	Sample Volume	Dil. Factor	Mult	Divisor	Addend	Norm. factor
1	Sample	MECL2	MECL2	ICAL 9/21/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
2	Sample	DAILY RT MAKER	C8-C40	ICAL 9/21/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
3	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
4	Std Check	#TEPH00-167 RT	30 PPM	ICAL9/21/0	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
5	Sample	285-09		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
6	Sample	285-12		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
7	Sample	285-17 2x		ICAL8/28/0	1.000	1.000	1.000	2.000	5.000	20.000	0.000	100.000
8	Sample	285-29		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
9	Sample	285-30		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
10	Sample	285-31		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
11	Sample	285-32		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
12	Sample	285-33		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
13	Sample	MECL2		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
14	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
15	Std Check	#TEPH00-167 RT	30 PPM	ICAL9/21/0	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
[illegible]	Sample	MECL2	MECL2	ICAL10/03/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
[illegible]	Sample	MECL2	MECL2	ICAL10/03/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
18	Sample	DAILY RT MARKER	C8-C40	ICAL10/03/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
19	Cal:Replace	#TEPH00-165 RT	10 PPM	ICAL10/03/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
20	Cal:Replace	#TEPH00-166 RT	20 PPM	ICAL10/03/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
21	Cal:Replace	#TEPH00 167 RT	30 PPM	ICAL10/03/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
22	Cal:Replace	#TEPH00-168 RT	40 PPM	ICAL10/03/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
23	Cal:Replace	#TEPH00-169 RT	50 PPM	ICAL10/03/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
24	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL10/03/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
25	Sample	285-08		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
26	Sample	285-09		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
27	Sample	285-11		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
28	Sample	285-12		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
29	Sample	285-13		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
30	Sample	285-14		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
31	Sample	285-17 2x		ICAL8/28/0	1.000	1.000	1.000	2.000	5.000	20.000	0.000	100.000
32	Sample	285-16		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
33	Sample	285-19		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
34	Sample	285-20		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
35	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
36	Std Check	#TEPH00-167 RT	30 PPM	ICAL10/03/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
37	Sample	285-21		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
38	Sample	285-22		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
39	Sample	285-24		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
40	Sample	285-25		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
41	Sample	MECL2	MECL2	ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
42	Sample	285-MB		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
43	Sample	285-LCS		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
44	Sample	285-27		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
45	Sample	285-27 MS		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
46	Sample	285-27 MSD		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
47	Sample	285-28		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
48	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
49	Std Check	#TEPH00-167 RT	30 PPM	ICAL10/03/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
50	Sample	285-29		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
51	Sample	285-30		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
[illegible]	Sample	285-31		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
53	Sample	285-32		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
54	Sample	285-33		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
55	Sample	285-34		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
56	Sample	285-35		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
57	Sample	285-36		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
58	Sample	285-37		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
59	Sample	285-38		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
60	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000

61	Std Check	#TEPH00-167 RT	30 PPM	ICAL10/03/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
62	Sample	285-42		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
63	Sample	285-43		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
64	Sample	285-44		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
65	Sample	285-45		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
66	Sample	285-47		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
67	Sample	285-48		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample	285-49		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample	285-50 5x		ICAL8/28/0	1.000	1.000	1.000	5.000	5.000	20.000	0.000	100.000
70	Std Check	MECL2	MECL2	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
71	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
72	Std Check	#TEPH00-167 RT	30 PPM	ICAL10/03/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
73	Sample			ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
74	Sample			ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
75	Sample			ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
76	Sample			ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
77	Sample			ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
78	Sample			ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
79	Sample			ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
80	Sample			ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
81	Sample			ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
82	Sample			ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
83	Sample			ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
84	Sample			ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000

~~8081A~~/8082

LEVEL III

BOE-C6-0155804

PCB

SAMPLE AND QC DATA

Date(s) Analyzed: 10-8-00

Instrument ID: GC6 GC7 GC8 GC9A

Lab #: EOJ040125

Batch #: 0280469

Samples: B, C, 14

EOJ060216-1, 1S, 1D Batch QC

Quanterra Incorporated
Sample to Blank Detection Limit Association Check

Batch Number: 0280469

Lab ID: E0J040125 014 Workorder: DLH41101 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0J060216 001 Workorder: DLNAX101 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0J050316 001 Workorder: DLM30101 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0J060216 002 Workorder: DLNCX101 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0J060216 001 S Workorder: DLNAX102 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0J060216 001 D Workorder: DLNAX103 Dilution Factor: 1
No Anomalies Found on Workorder

< < < End of Report > > >

BOE-C6-0155806

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/06/00
Time: 17:22:00

BOE-C6-0155807

LEV 1	LEV 2		LEV 1	LEV 2	
Y	Y	Blank	Y	Y	Weights/Volumes
Y	Y	Check	Y	Y	Spike & Surrogate Worksheet
Y	Y	MS/MSD	Y	Y	Vial contains correct volume
			Y	Y	Labels, greenbars, worksheets
					computer batch: correct & all match
			_	_	Anomalies to Extraction Method

Y Expanded Deliverable
Y COC Completed
Y Bench Sheet Copied
Y Package Submitted to AnalyticalGroup
Y Bench Sheet Copied per COC

Extractionist: 355979 Cornelia Apahidean

Concentrationist: 355979 Cornelia Apahidean

Reviewer/Date: GOMEZF / 10/06/00

****
* QC BATCH: 0280469 *
****

PREP DATE: 10/06/00
COMP DATE: 10/06/00

PCBs (8082)
SONICATION w/ACID STRIP (PCB)

001142

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJI	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
10/17/00	10/10/00	E0J040125-014 DLH41-1-01	DR	71	QH	SOLID	30g 10.00mL	NA	NA	NA	MECL2:AC	300.0	HEXANE	40.0	PEST1563-2SCS/0.2PPM/1ML
COMMENTS:															
10/16/00	10/11/00	E0J050316-001 DLM30-1-01	R	71	QH	SOLID	30g 10.00mL	NA	NA	NA	MECL2:AC	300.0	HEXANE	40.0	PEST1563-2SCS/0.2PPM/1ML
COMMENTS:															
10/17/00	10/11/00	E0J060216-001 DLNAX-1-01	R	71	QH	SOLID	30g 10.00mL	NA	NA	NA	MECL2:AC	300.0	HEXANE	40.0	PEST1563-2SCS/0.2PPM/1ML
COMMENTS:															
10/17/00	10/11/00	E0J060216-001 DLNAX-1-02S	R	71	QH	SOLID	30g 10.00mL	NA	NA	NA	MECL2:AC	300.0	HEXANE	40.0	PCB#1563-1DCS/10PPM/1ML PEST1563-2SCS/0.2PPM/1ML
COMMENTS:															
10/17/00	10/11/00	E0J060216-001 DLNAX-1-03D	R	71	QH	SOLID	30g 10.00mL	NA	NA	NA	MECL2:AC	300.0	HEXANE	40.0	PCB#1563-1DCS/10PPM/1ML PEST1563-2SCS/0.2PPM/1ML
COMMENTS:															
10/17/00	10/11/00	E0J060216-002 DLNCX-1-01	R	71	QH	SOLID	30g 10.00mL	NA	NA	NA	MECL2:AC	300.0	HEXANE	40.0	PEST1563-2SCS/0.2PPM/1ML
COMMENTS:															
10/17/00	0/00/00	E0J060000-469 DLPNF-1-01B		71	QH	SOLID	30g 10.00mL	NA	NA	NA	MECL2:AC	300.0	HEXANE	40.0	PEST1563-2SCS/0.2PPM/1ML
COMMENTS:															

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/06/00
Time: 17:22:00

QC BATCH: 0280469

PREP DATE: 10/06/00
COMP DATE: 10/06/00

EXTR EXPR	ANL DUE	LOT#,MSRUN#/ WORK ORDER	TEST FLGS	EXT	MTH	MATRIX	INIT/FIN WT/VOL	INIT	PH"S ADJ1	ADJ2	SOLVENTS EXTRACTION	VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
10/17/00	0/00/00	E0J060000-469 DLPNF-1-02C		71	QH	SOLID	30g 10.00mL	NA	NA	NA	MECL2:AC	300.0	HEXANE	40.0	PCB#1563-1DCS/10PPM/1ML PEST1563-2SCS/0.2PPM/1ML

COMMENTS:

SPKD BY:CA LOT #'S: MECL2#T23272/HEX#T03268/ACID#5557/HG#09312KR/NA2SO4#8024
EXT METHOD:3550B.
RELINQUISHED BY/DATE: CA/10-6-00 RECEIVED BY/DATE: CB 10/6/00

R = RUSH C = CLP
E = EPA 600 D = EXP.DEL)
M = CLIENT REQ MS/MSD

NUMBER OF WORK ORDERS IN BATCH: 8

001143

BOE-C6-0155808

Turbochrom Sequence File : C:\TC4\DATA_9\007.SEQ
Created by : LB on : 10/7/00 04:05 PM
Edited by : LB on : 10/7/00 04:35 PM
Description :

Number of Times Edited : 2

Sequence File Header Information:

FJK 10/9/00

Number of Rows : 189
Instrument Type : 760 / 900 Series Intelligent Interface
Injection Type : SINGLE

Sequence Sample Descriptions - Channel A

Row	Type	Sample Name	Sample Number	Study Name	Sample Amount	ISTD Amount	Sample Volume	Dil. Factor	Mult	Divisor	Addend	Norm. factor
1	Sample	HEXANE	REG LNR	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
2	Cal:Replace	AR1660 50UL-->1	.1 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
3	Cal:Replace	AR1660 100UL-->	.2 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
4	Cal:Replace	AR1660 250UL-->	.5 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
5	Cal:Replace	AR1660 375UL-->	.75 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
6	Cal:Replace	AR1660 500UL-->	1 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
7	Cal:Replace	AR1660 750UL-->	1.5 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
8	Cal:Replace	AR1660 00-99	2 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
9	Std Check	AR1660 00-143,	.5 PPM 2ND	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
10	Sample	AR1232 00-138,	.5 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
11	Sample	AR1242 00-108,0	.5 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
12	Sample	AR1248 00-107,0	.5 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
13	Sample	AR2154 00-142,	.5 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
14	Sample	0280469-MB	DLPNF101 B	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
15	Sample	0280469-LCS	DLPNF102 C	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
16	Sample	125-14	DLH41101	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
17	Sample	316-1	DLM30101	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
18	Sample	216-1	DLNAX101	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
19	Sample	216-1S	DLNAX102 S	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
20	Sample	216-1D	DLNAX103 D	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
21	Sample	216-2	DLNCX101	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
22	Sample	HEXANE	BLANK	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
23	Std Check	AR1660 00-111,	.5 PPM 2ND	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
24	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
25	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
26	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
27	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
28	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
29	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
30	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
31	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
32	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
33	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
34	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
35	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
36	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
37	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
38	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
39	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
40	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
41	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
42	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
43	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
44	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
45	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
46	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
47	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
48	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
49	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
50	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
51	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
52	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
53	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
54	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
55	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
56	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
57	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
58	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
59	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
60	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000

Software Version: 4.1<2F12>
Sample Name : AR1660 00-111, 0.5UG/ML Time : 10/9/00 09:01 AM
Sample Number: .5 PPM 2ND Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/8/00 07:15 AM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\007A023.RAW
Result File : C:\TC4\DATA_9\007A023.rst
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\007A023.rst
Proc Method : C:\TC4\DATA_9\PEST9AQC.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\007.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 70

D608 45
8/0-9 8U

8082 STD CHECK - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High
TCMX	27.764	25	11.06	4.931	4.773	5.089
AROCLOR1016	519.870	500	3.97	9.790	9.790	9.790
AROCLOR1260	470.427	500	-5.91	22.487	22.487	22.487
DCB	23.027	25	-7.89	31.005	30.267	31.743

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High

Group Report For : AROCLOR1016

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High
1016-PK1	551.989	0	------	6.910	6.748	7.072
1016-PK2	532.227	0	------	8.394	8.232	8.556
1016-PK3	515.655	0	------	9.515	9.353	9.677
1016-PK4	514.171	0	------	9.790	9.628	9.952
1016-PK5	501.485	0	------	10.441	10.279	10.603

Group Report For : AROCLOR1260

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High
1260-PK3	473.544	0	------	18.016	17.803	18.229
1260-PK1	455.350	0	------	16.791	16.578	17.004
1260-PK2	466.283	0	------	17.615	17.402	17.828
1260-PK4	470.860	0	------	22.487	22.274	22.700
1260-PK5	483.913	0	------	24.626	24.413	24.839

Report stored in ASCII file: C:\TC4\DATA_9\O07A023.TX0

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.01	0.0138	4.593	------	13751	------
TCMX	27.76	27.7640	4.931	0.003	1226160	138.8
	0.06	0.0607	5.974	------	60734	------
	0.09	0.0899	6.200	------	89929	------
	0.12	0.1248	6.693	------	124754	------
	0.03	0.0264	7.123	------	26364	------
	0.01	0.0115	7.302	------	11491	------
	0.11	0.1106	8.133	------	110617	------
	0.13	0.1327	8.812	------	132697	------
	0.36	0.3564	9.204	------	356442	------
	0.22	0.2227	9.319	------	222691	------
AROCLOR1016	519.87	519.8703	9.790	0.000	5094536	------
	0.12	0.1189	10.709	------	118929	------
	0.60	0.6011	10.985	------	601121	------
	0.53	0.5263	11.083	------	526345	------
	0.54	0.5396	11.286	------	539633	------
	0.32	0.3220	11.407	------	322029	------
	0.23	0.2283	11.557	------	228336	------
	0.08	0.0783	11.994	------	78316	------
	0.75	0.7520	12.449	------	751986	------
	0.23	0.2271	12.624	------	227104	------
	0.47	0.4653	12.979	------	465314	------
	0.12	0.1216	13.199	------	121601	------
	0.06	0.0642	13.329	------	64201	------
	0.11	0.1082	13.567	------	108210	------
	0.19	0.1864	13.840	------	186355	------
	0.49	0.4925	14.197	------	492497	------
	0.51	0.5118	14.477	------	511833	------
	0.01	0.0090	14.805	------	9013	------
	0.02	0.0235	15.072	------	23491	------
	0.04	0.0362	15.681	------	36236	------
	0.03	0.0333	16.029	------	33328	------
	0.09	0.0884	16.317	------	88440	------
	0.37	0.3686	17.181	------	368570	------
	0.07	0.0742	18.397	------	74206	------
	0.01	0.0109	18.641	------	10882	------
	0.51	0.5136	18.935	------	513559	------
	0.01	0.0093	19.299	------	9298	------
	0.81	0.8084	19.546	------	808398	------
	0.54	0.5380	19.763	------	537994	------
	1.20	1.2002	20.008	------	1200247	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.73	0.7282	20.175	------	728169	------
	0.41	0.4077	20.473	------	407674	------
	0.14	0.1415	21.101	------	141540	------
	0.81	0.8055	21.847	------	805463	------
	0.22	0.2245	22.060	------	224486	------
	0.51	0.5085	22.232	------	508550	------
AROCLOR1260	470.43	470.4272	22.487	0.000	5977405	------
	0.07	0.0666	22.771	------	66577	------
	0.09	0.0883	23.780	------	88304	------
	0.55	0.5453	24.253	------	545308	------
	0.24	0.2408	24.459	------	240797	------
	0.02	0.0178	25.054	------	17807	------
	0.02	0.0212	25.827	------	21172	------
	0.17	0.1654	26.700	------	165400	------
	0.52	0.5210	26.882	------	520973	------
	0.60	0.5963	27.796	------	596285	------
	1.18	1.1775	28.902	------	1177484	------
DCB	23.03	23.0267	31.005	0.002	832233	115.1
	0.02	0.0197	31.516	------	19656	------
	0.08	0.0777	33.605	------	77750	------
	0.17	0.1665	35.126	------	166467	------

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	551.99	551.9892	6.910	0.003	530668	------
1016-PK2	532.23	532.2274	8.394	0.003	1135066	------
1016-PK3	515.65	515.6546	9.515	0.004	516438	------
1016-PK4	514.17	514.1708	9.790	0.006	2102016	------
1016-PK5	501.48	501.4845	10.441	0.003	810347	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	473.54	473.5445	18.016	0.001	1251426	------
.260-PK1	455.35	455.3501	16.791	0.002	733445	------
1260-PK2	466.28	466.2830	17.615	0.002	1254874	------
1260-PK4	470.86	470.8604	22.487	0.002	1821759	------
1260-PK5	483.91	483.9127	24.626	0.002	915901	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec

Capillary GC -

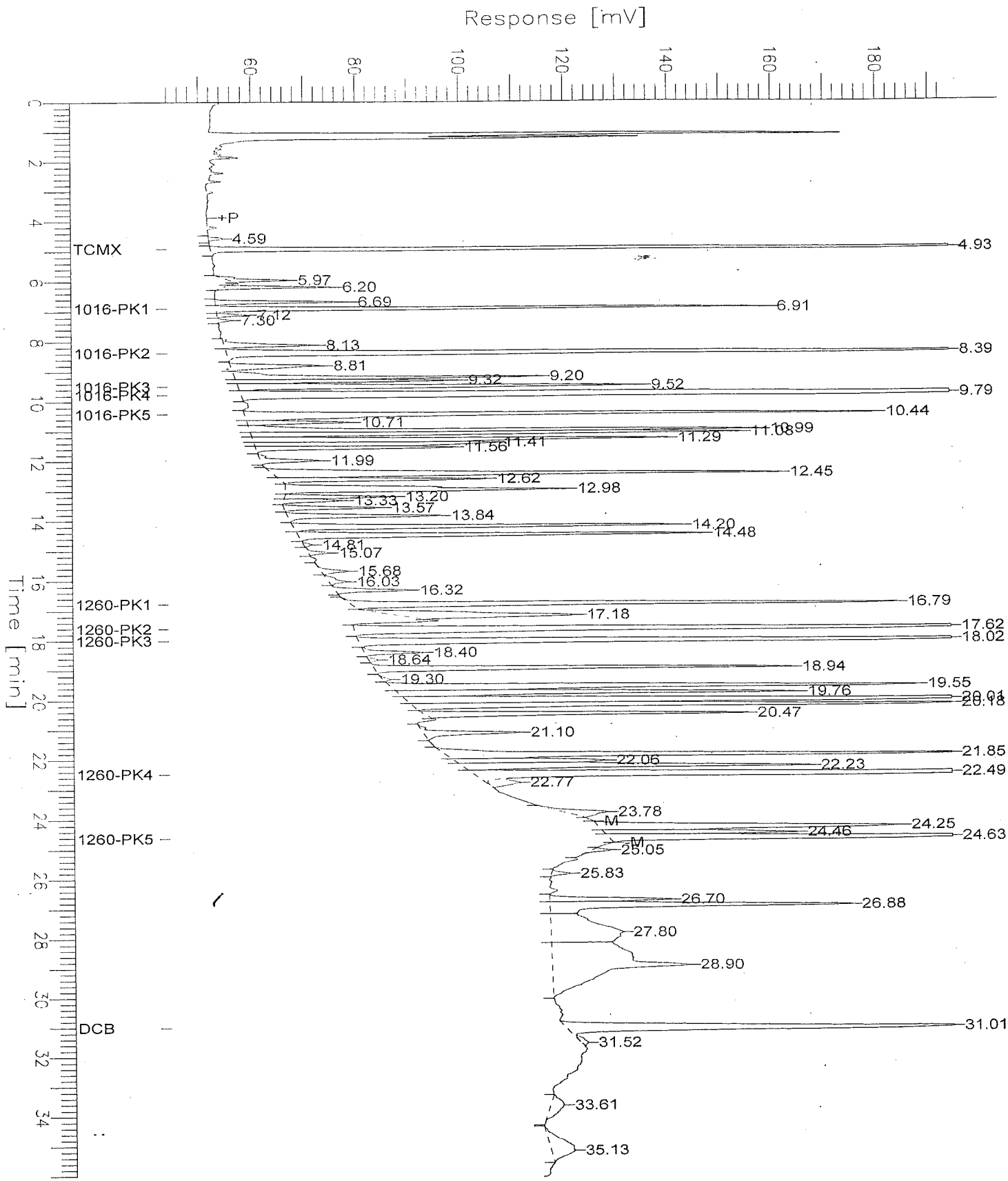
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\O07A023.TX1

Chromatogram

Sample Name : AR1660 00-111, 0.5UG/ML
FileName : C:\TC4\DATA_9\007A023.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 44 mV

Sample #: .5 PPM 2ND Page 1 of 1
Date : 10/9/00 09:01 AM
Time of Injection: 10/8/00 07:15 AM
Low Point : 43.97 mV High Point : 193.97 mV
Plot Scale: 150.0 mV



001150

BOE-C6-0155815

Software Version: 4.1<2F12>
Sample Name : AR1660 00-111, 0.5UG/ML Time : 10/9/00 08:57 AM
Sample Number: .5 PPM 2ND Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/8/00 07:15 AM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\007A023.RAW
Result File : C:\TC4\DATA_9\007A023.RST
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\007A023.RST
Proc Method : C:\TC4\DATA_9\PEST9AQC.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\007.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 70

8082 STD CHECK - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High
TCMX	27.764	25	11.06	4.931	4.773	5.089
AROCLOR1016	519.870	500	3.97	9.790	9.790	9.790
AROCLOR1260	492.785	500	-1.44	22.487	22.487	22.487
DCB	23.027	25	-7.89	31.005	30.267	31.743

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High

Group Report For : AROCLOR1016

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High
1016-PK1	551.989	0	------	6.910	6.748	7.072
1016-PK2	532.227	0	------	8.394	8.232	8.556
1016-PK3	515.655	0	------	9.515	9.353	9.677
1016-PK4	514.171	0	------	9.790	9.628	9.952
1016-PK5	501.485	0	------	10.441	10.279	10.603

Group Report For : AROCLOR1260

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High
1260-PK3	473.544	0	------	18.016	17.803	18.229
1260-PK1	455.350	0	------	16.791	16.578	17.004
1260-PK2	466.283	0	------	17.615	17.402	17.828
1260-PK4	475.710	0	------	22.487	22.274	22.700
1260-PK5	624.092	0	------	24.626	24.413	24.839

Report stored in ASCII file: C:\TC4\DATA_9\O07A023.TX0

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.01	0.0138	4.593	------	13751	------
TCMX	27.76	27.7640	4.931	0.003	1226160	138.8
	0.06	0.0607	5.974	------	60734	------
	0.09	0.0899	6.200	------	89929	------
	0.12	0.1248	6.693	------	124754	------
	0.03	0.0264	7.123	------	26364	------
	0.01	0.0115	7.302	------	11491	------
	0.11	0.1106	8.133	------	110617	------
	0.13	0.1327	8.812	------	132697	------
	0.36	0.3564	9.204	------	356442	------
	0.22	0.2227	9.319	------	222691	------
AROCLOR1016	519.87	519.8703	9.790	0.000	5094536	------
	0.12	0.1189	10.709	------	118929	------
	0.60	0.6011	10.985	------	601121	------
	0.53	0.5263	11.083	------	526345	------
	0.54	0.5396	11.286	------	539633	------
	0.32	0.3220	11.407	------	322029	------
	0.23	0.2283	11.557	------	228336	------
	0.08	0.0783	11.994	------	78316	------
	0.75	0.7520	12.449	------	751986	------
	0.23	0.2271	12.624	------	227104	------
	0.47	0.4653	12.979	------	465314	------
	0.12	0.1216	13.199	------	121601	------
	0.06	0.0642	13.329	------	64201	------
	0.11	0.1082	13.567	------	108210	------
	0.19	0.1864	13.840	------	186355	------
	0.49	0.4925	14.197	------	492497	------
	0.51	0.5118	14.477	------	511833	------
	0.01	0.0090	14.805	------	9013	------
	0.02	0.0235	15.072	------	23491	------
	0.04	0.0362	15.681	------	36236	------
	0.03	0.0333	16.029	------	33328	------
	0.09	0.0884	16.317	------	88440	------
	0.37	0.3686	17.181	------	368570	------
	0.07	0.0742	18.397	------	74206	------
	0.01	0.0109	18.641	------	10882	------
	0.51	0.5136	18.935	------	513559	------
	0.01	0.0093	19.299	------	9298	------
	0.81	0.8084	19.546	------	808398	------
	0.54	0.5380	19.763	------	537994	------
	1.20	1.2002	20.008	------	1200247	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.73	0.7282	20.175	------	728169	------
	0.41	0.4077	20.473	------	407674	------
	0.14	0.1415	21.101	------	141540	------
	0.81	0.8105	21.847	------	810476	------
	0.23	0.2290	22.060	------	228950	------
	0.52	0.5183	22.232	------	518297	------
AROCLOR1260	492.78	492.7845	22.487	0.000	6261485	------
	0.09	0.0900	22.771	------	89997	------
	0.41	0.4067	23.780	------	406655	------
	0.85	0.8466	24.253	------	846584	------
	0.33	0.3343	24.459	------	334267	------
	0.10	0.1004	25.054	------	100360	------
	0.02	0.0212	25.827	------	21172	------
	0.17	0.1654	26.700	------	165400	------
	0.52	0.5210	26.882	------	520973	------
	0.60	0.5963	27.796	------	596285	------
	1.18	1.1775	28.902	------	1177484	------
DCB	23.03	23.0267	31.005	0.002	832233	115.1
	0.02	0.0197	31.516	------	19656	------
	0.08	0.0777	33.605	------	77750	------
	0.17	0.1665	35.126	------	166467	------

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	551.99	551.9892	6.910	0.003	530668	------
1016-PK2	532.23	532.2274	8.394	0.003	1135066	------
1016-PK3	515.65	515.6546	9.515	0.004	516438	------
1016-PK4	514.17	514.1708	9.790	0.006	2102016	------
1016-PK5	501.48	501.4845	10.441	0.003	810347	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	473.54	473.5445	18.016	0.001	1251426	------
1260-PK1	455.35	455.3501	16.791	0.002	733445	------
1260-PK2	466.28	466.2830	17.615	0.002	1254874	------
1260-PK4	475.71	475.7100	22.487	0.002	1840522	------
1260-PK5	624.09	624.0919	24.626	0.002	1181218	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec

Capillary GC -

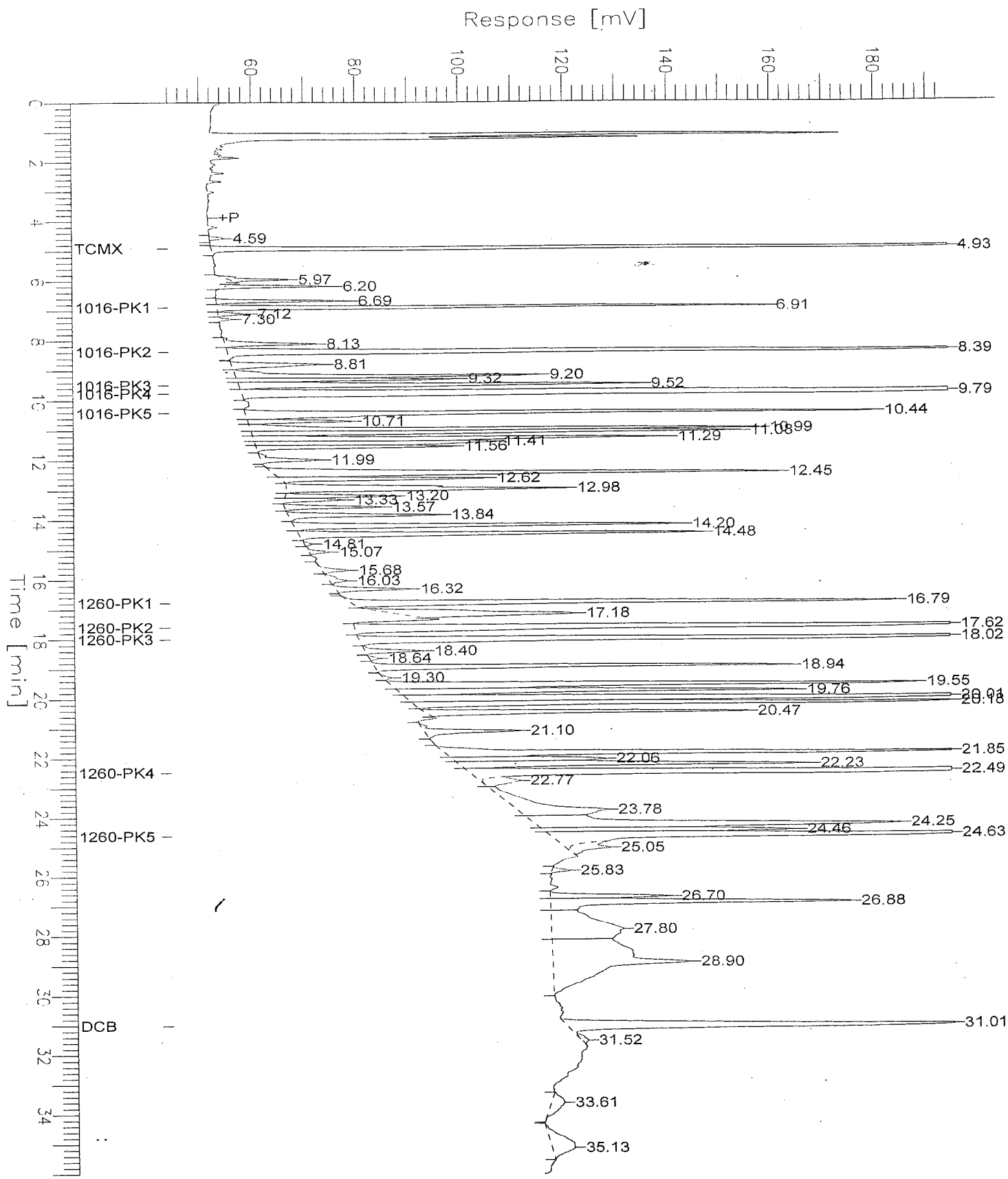
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\O07A023.TX1

Chromatogram

Sample Name : AR1660 00-111, 0.5UG/ML
FileName : C:\TC4\DATA_9\007A023.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 44 mV

Sample #: .5 PPM 2ND
Date : 10/9/00 08:57 AM
Time of Injection: 10/8/00 07:15 AM
Low Point : 43.97 mV High Point : 193.97 mV
Plot Scale: 150.0 mV



001156

Lot/Sample: E0J060000-469B INTRA-LAB BLANK TICs.....: N Report Results: Y
WO#.....: DLPNF-1-01 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 71 QH 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / PCBs (8082) / SW846 / 8082

Analysis Date: 10/08/00
Inject Time..: 1:18 Inject Vol: 1.0 Units: uL
Analyst.....: 018568 Lynne Bidwell
Dil Factor: 1.00 Instr File: O07A014.R
Instr ID: G9A Column: DB608 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 10:34:06
Prep Comments.....:
Analysis Comments...:
Result Units.....:ug/kg

Prep Date....: 10/06/00
QC Batch.....: 0280469
MS Run Number:
Prep Time....: 13:30-14:30
Init Wgt/Vol.: 30 Units: g
Final Wgt/Vol: 10.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2:AC Amt..: 30
Exchange Solv: HEXANE Amt..: 4
Spike....:
Surrogate: PEST1563-2SCS/0.2PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
)2082	Aroclor 1016			ND	33	10		
02085	Aroclor 1221			ND	33	10		
02088	Aroclor 1232			ND	33	10		
02091	Aroclor 1242			ND	33	10		
02094	Aroclor 1248			ND	33	10		
02097	Aroclor 1254			ND	33	10		
02100	Aroclor 1260			ND	33	10		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
02732	Decachlorobiphenyl		6.6667	7.7386	116.078419		
02739	Tetrachloro-m-xylene		6.6667	6.5828	98.7415062		

Software Version: 4.1<2F12>
Sample Name : 0280469-MB
Sample Number: DLPNF101 B
Operator :

Time : 10/9/00 08:58 AM
Study : ICAL 10/07/00

Instrument : GC-09
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2351570991 Data Acquisition Time: 10/8/00 01:18 AM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\O07A014.RAW
Result File : C:\TC4\DATA_9\O07A014.RST
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\O07A014.RST
Proc Method : C:\TC4\DATA_9\PEST9A.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\O07.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 5000.000000
Dilution Factor : 1.00

Noise Threshold: 50
Area Threshold : 5000
Bunch Factor: 1
Multiplier : 10.0000
Divisor : 30.0000
Addend : 0.0000
User1 : 8080
User2 :
User3 :
User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 8

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.01	0.0046	4.574	------	13909	------
TCMX	19.75	6.5828	4.930	0.001	872164	98.7
	0.01	0.0040	6.069	------	12077	------
	0.03	0.0092	9.119	------	27478	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
AROCLOR1016	1.73	0.5762	10.284	0.000	16940	------
	0.01	0.0049	11.124	------	14827	------
	0.02	0.0062	20.929	------	18531	------
DCB	23.22	7.7386	30.999	-0.003	839074	116.1

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	0.00	0.0000	6.907	------	0	------
1016-PK2	0.00	0.0000	8.390	------	0	------
1016-PK3	0.00	0.0000	9.511	------	0	------
1016-PK4	0.00	0.0000	9.784	------	0	------
1016-PK5	10.48	3.4944	10.284	-0.152	16940	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	0.00	0.0000	18.015	------	0	------
1260-PK1	0.00	0.0000	16.788	------	0	------
1260-PK2	0.00	0.0000	17.613	------	0	------
1260-PK4	0.00	0.0000	22.485	------	0	------
1260-PK5	0.00	0.0000	24.625	------	0	------

Capillary GC -

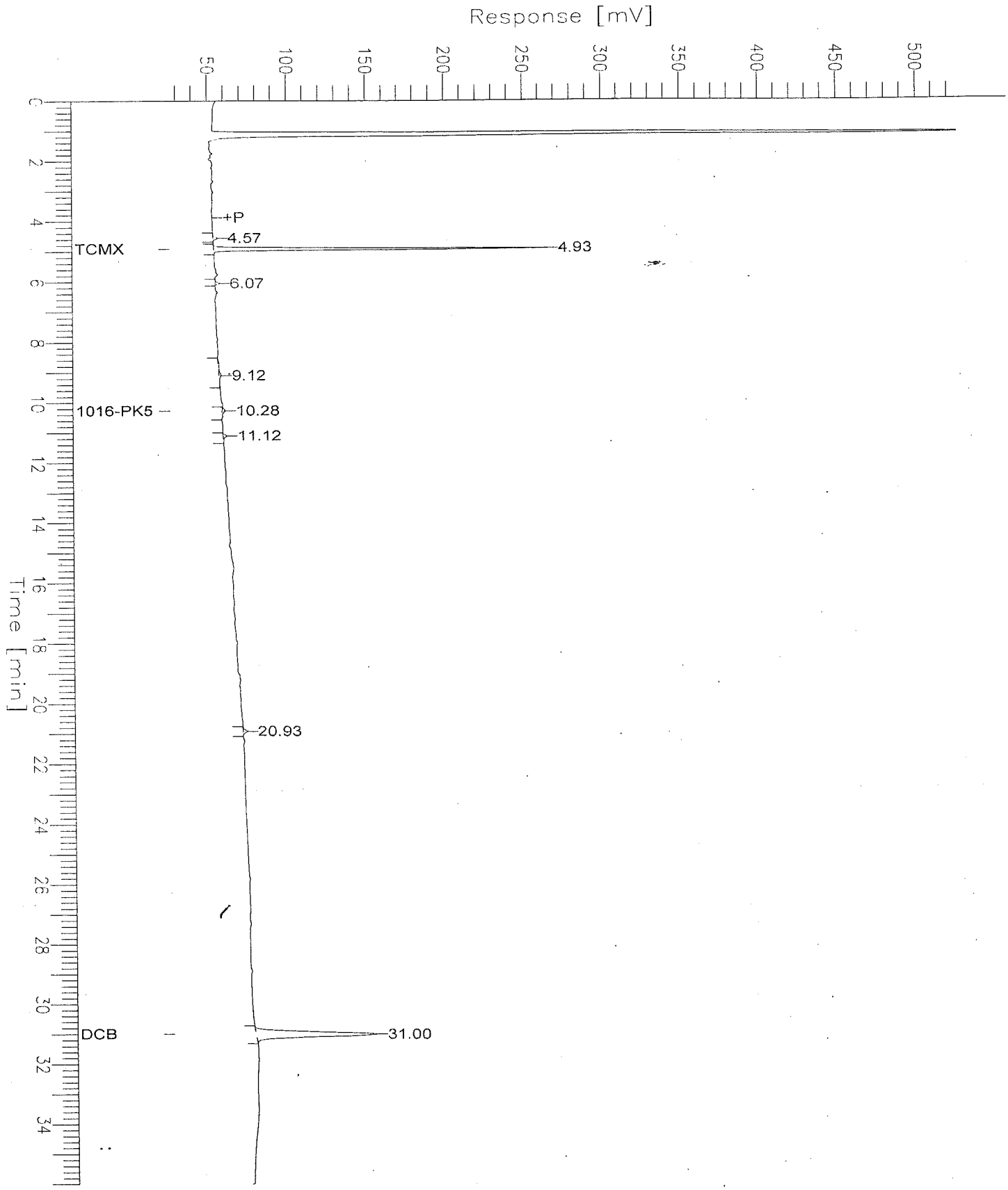
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\O07A014.TXO

Chromatogram

Sample Name : 0280469-MB
FileName : C:\TC4\DATA_9\007A014.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 26 mV

Sample #: DLPNF101 B
Date : 10/9/00 08:58 AM
Time of Injection: 10/8/00 01:18 AM
Low Point : 26.05 mV High Point : 526.05 mV
Plot Scale: 500.0 mV



Severn Trent Laboratories, Inc.
Data Review

Date 10/09/2000
Time 9:34:16

Lot/Sample: E0J060000-469C INTRA-LAB CHECK TICs.....: N Report Results: Y
WO#.....: DLPNF-1-02 Est. Results: Sig Fig Alg...: A
SAC.....: XX A 71 QH 01 Dry Weight..: Upload.....: Y
Method....: SOLID / PCBs (8082) / SW846 / 8082

Analysis Date: 10/08/00
Inject Time..: 1:57 Inject Vol: 1.0 Units: uL
Analyst.....: 018568 Lynne Bidwell
Dil Factor: 1.00 Instr File: O07A015.R
Instr ID: G9A Column: DB608 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/06 17:16:29
Prep Comments.....:
Analysis Comments...:
Result Units.....:ug/kg

Prep Date....: 10/06/00
QC Batch.....: 0280469
MS Run Number:
Prep Time....: 13:30-13:30
Init Wgt/Vol.: 30 Units: g
Final Wgt/Vol: 10.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2:AC Amt..: 30
Exchange Solv: HEXANE Amt..: 4
Spike....: PCB#1563-1DCS/10PPM/1ML
Surrogate: PEST1563-2SCS/0.2PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Spike Amount	Measured Amount	%REC	%RPD	Data Qual	Report Qual
02082	Aroclor 1016			333.3333	292.3497	87.7	0		
02100	Aroclor 1260			333.3333	343.2146	102.9	0		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
02732	Decachlorobiphenyl		6.6667	8.4554	126.830365		
02739	Tetrachloro-m-xylene		6.6667	7.3924	110.885445		

Software Version: 4.1<2F12>
Sample Name : 0280469-LCS
Sample Number: DLPNF102 C
)perator :

Time : 10/9/00 09:09 AM
Study : ICAL 10/07/00

Instrument : GC-09
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2351570991 Data Acquisition Time: 10/8/00 01:57 AM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\007A015.RAW
Result File : C:\TC4\DATA_9\007A015.rst
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\007A015.rst
Proc Method : C:\TC4\DATA_9\PEST9AQC.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\007.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

12.60 ng

Instrument Conditions:

Total number of peaks detected: 69

48 10-9 ng

8082 QC - HP 9A - Column: DB608

STL - LOS ANGELES

Units: MG UG / KG L

Component Name	Final Result	Amount Spiked	Percent Recovery
TCMX	7.3924	6.6667	110.89
AROCLOR1016	292.3497	333.3333	87.70

Component Name	Final Result	Amount Spiked	Percent Recovery
AROCLOR1260	343.2146	333.3333	102.96
DCB	8.4554	6.6667	126.83

Group Report For : AROCLOR1016

Component Name	Final Result	Amount Spiked	Percent Recovery
1016-PK1	235.4122	333.3333	70.62
1016-PK2	266.4185	333.3333	79.93
1016-PK3	303.2068	333.3333	90.96
1016-PK4	301.6128	333.3333	90.48
1016-PK5	330.2842	333.3333	99.09

Group Report For : AROCLOR1260

Component Name	Final Result	Amount Spiked	Percent Recovery
1260-PK3	336.5092	333.3333	100.95
1260-PK1	353.5254	333.3333	106.06
1260-PK2	336.0074	333.3333	100.80
1260-PK4	344.1489	333.3333	103.24
1260-PK5	352.1404	333.3333	105.64

Report stored in ASCII file: C:\TC4\DATA_9\O07A015.TX0

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.01	0.0049	4.573	------	14768	------
TCMX	22.18	7.3924	4.926	-0.002	979427	110.9
	0.06	0.0190	5.970	------	57049	------
	0.11	0.0377	6.195	------	113018	------
	0.16	0.0545	6.687	------	163585	------
	0.04	0.0130	7.118	------	38902	------
	0.01	0.0048	7.290	------	14448	------
	0.18	0.0596	8.127	------	178754	------
	0.23	0.0755	8.802	------	226516	------
	0.64	0.2120	9.198	------	636009	------
	0.38	0.1279	9.313	------	383566	------
AROCLOR1016	877.05	292.3497	9.782	0.000	8594756	------
	0.23	0.0779	10.702	------	233656	------
	1.21	0.4043	10.979	------	1212876	------
	0.93	0.3085	11.077	------	925436	------
	1.00	0.3319	11.280	------	995751	------
	0.72	0.2383	11.399	------	715016	------
	0.45	0.1489	11.552	------	446728	------
	0.17	0.0563	11.988	------	168991	------
	1.56	0.5202	12.444	------	1560652	------
	0.53	0.1751	12.618	------	525407	------
	1.12	0.3717	12.974	------	1115153	------
	0.32	0.1055	13.194	------	316533	------
	0.16	0.0533	13.323	------	159950	------
	0.26	0.0866	13.562	------	259886	------
	0.44	0.1457	13.835	------	437227	------
	1.05	0.3497	14.193	------	1048996	------
	1.11	0.3708	14.473	------	1112468	------
	0.02	0.0076	14.796	------	22767	------
	0.07	0.0247	15.066	------	74118	------
	0.01	0.0046	15.283	------	13857	------
	0.10	0.0333	15.675	------	100031	------
	0.07	0.0226	16.024	------	67812	------
	0.23	0.0770	16.315	------	231125	------
	1.32	0.4393	17.174	------	1317757	------
	0.23	0.0755	17.338	------	226409	------
	0.19	0.0624	18.393	------	187206	------
	0.03	0.0095	18.636	------	28551	------
	1.22	0.4067	18.934	------	1220231	------
	0.02	0.0058	19.295	------	17544	------
	1.82	0.6077	19.544	------	1823195	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	1.24	0.4143	19.759	------	1242886	------
	2.69	0.8971	20.006	------	2691428	------
	1.59	0.5294	20.174	------	1588347	------
	0.95	0.3159	20.471	------	947614	------
	0.34	0.1139	21.099	------	341682	------
	1.90	0.6322	21.846	------	1896620	------
	0.58	0.1930	22.056	------	578902	------
	1.21	0.4041	22.229	------	1212288	------
AROCLOR1260	1029.64	343.2146	22.486	0.000	13082998	------
	0.18	0.0613	22.767	------	183870	------
	0.19	0.0632	23.768	------	189516	------
	1.20	0.3986	24.248	------	1195780	------
	0.50	0.1673	24.454	------	501839	------
	0.07	0.0248	25.053	------	74498	------
	0.07	0.0249	25.822	------	74577	------
	0.03	0.0099	26.396	------	29560	------
	0.38	0.1267	26.697	------	380034	------
	0.96	0.3216	26.881	------	964843	------
	0.31	0.1041	28.899	------	312235	------
DCB	25.37	8.4554	30.996	-0.006	916791	126.8

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	706.24	235.4122	6.905	-0.002	678958	------
1016-PK2	799.26	266.4185	8.387	-0.003	1704549	------
1016-PK3	909.62	303.2068	9.509	-0.002	911003	------
1016-PK4	904.84	301.6128	9.782	-0.002	3699131	------
1016-PK5	990.85	330.2842	10.436	-0.002	1601116	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	1009.53	336.5092	18.014	-0.001	2667858	------
1260-PK1	1060.58	353.5254	16.787	-0.001	1708299	------
1260-PK2	1008.02	336.0074	17.611	-0.002	2712818	------
1260-PK4	1032.45	344.1489	22.486	0.001	3994537	------
1260-PK5	1056.42	352.1404	24.623	-0.002	1999487	------

==========

Capillary GC -

Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

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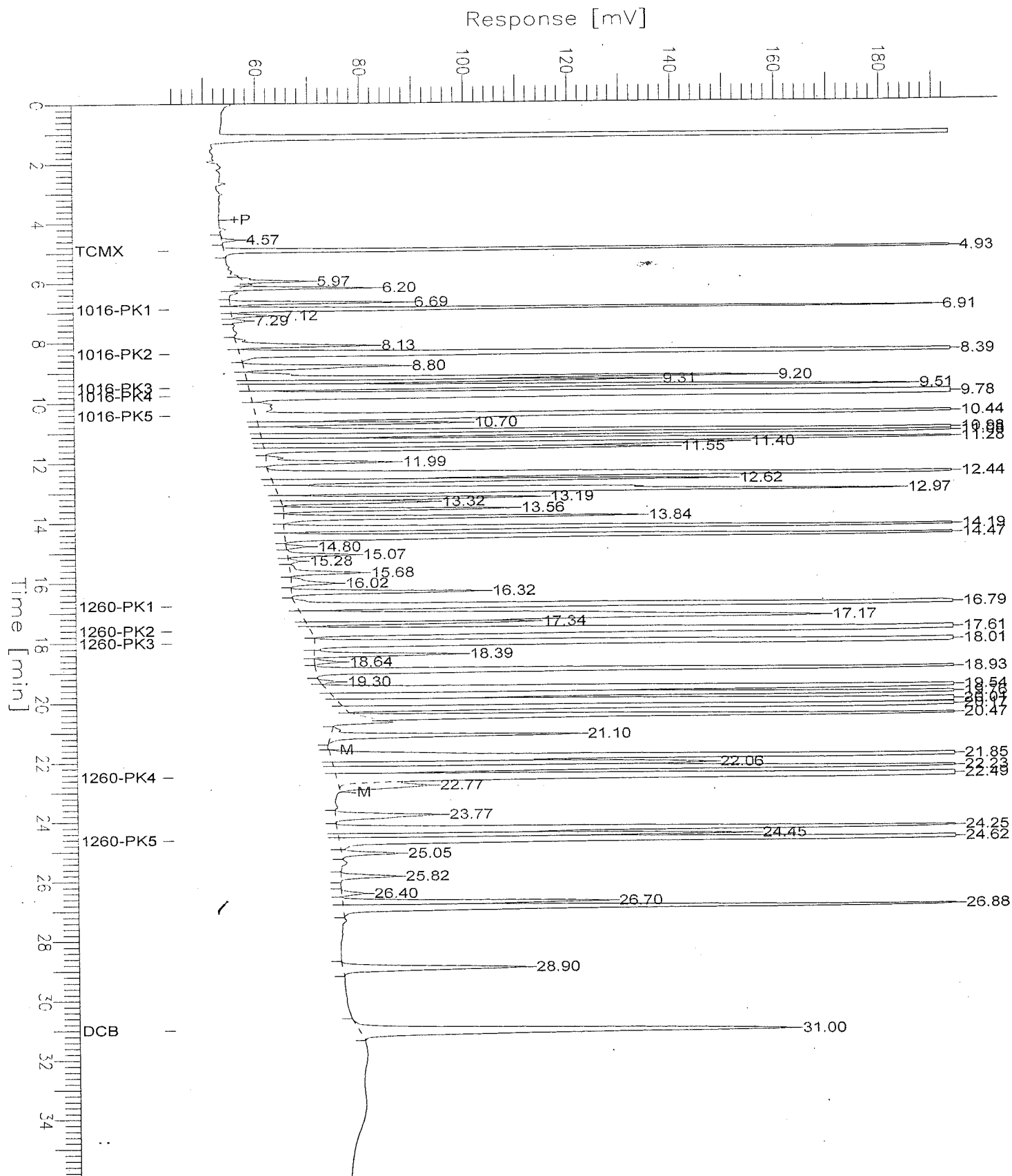
Report stored in ASCII file: C:\TC4\DATA_9\O07A015.TX1

Chromatogram

Sample Name : 0280469-LCS
FileName : C:\TC4\DATA_9\007A015.raw
Method : PEST9A
tart Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 43 mV

Sample #: DLPNF102 C
Date : 10/9/00 09:09 AM
Time of Injection: 10/8/00 01:57 AM
Low Point : 43.32 mV High Point : 193.32 mV
Plot Scale: 150.0 mV



001168

Software Version: 4.1<2F12>
Sample Name : 0280469-LCS
Sample Number: DLPNF102 C
)perator :

Time : 10/9/00 08:58 AM
Study : ICAL 10/07/00

Instrument : GC-09
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2351570991 Data Acquisition Time: 10/8/00 01:57 AM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\O07A015.RAW
Result File : C:\TC4\DATA_9\O07A015.RST
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\O07A015.RST
Proc Method : C:\TC4\DATA_9\PEST9AQC.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\O07.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 69

8082 QC - HP 9A - Column: DB608

STL - LOS ANGELES

Units: MG UG / KG L

Component Name	Final Result	Amount Spiked	Percent Recovery
TCMX	7.3924	6.6667	110.89
AROCLOR1016	292.3497	333.3333	87.70

Component Name	Final Result	Amount Spiked	Percent Recovery
AROCLOR1260	338.1339	333.3333	101.44
DCB	8.4554	6.6667	126.83

Group Report For : AROCLOR1016

Component Name	Final Result	Amount Spiked	Percent Recovery
1016-PK1	235.4122	333.3333	70.62
1016-PK2	266.4185	333.3333	79.93
1016-PK3	303.2068	333.3333	90.96
1016-PK4	301.6128	333.3333	90.48
1016-PK5	330.2842	333.3333	99.09

Group Report For : AROCLOR1260

Component Name	Final Result	Amount Spiked	Percent Recovery
1260-PK3	336.5092	333.3333	100.95
1260-PK1	353.5254	333.3333	106.06
1260-PK2	336.0074	333.3333	100.80
1260-PK4	327.4631	333.3333	98.24
1260-PK5	352.1404	333.3333	105.64

Report stored in ASCII file: C:\TC4\DATA_9\007A015.TX0

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.01	0.0049	4.573	------	14768	------
TCMX	22.18	7.3924	4.926	-0.002	979427	110.9
	0.06	0.0190	5.970	------	57049	------
	0.11	0.0377	6.195	------	113018	------
	0.16	0.0545	6.687	------	163585	------
	0.04	0.0130	7.118	------	38902	------
	0.01	0.0048	7.290	------	14448	------
	0.18	0.0596	8.127	------	178754	------
	0.23	0.0755	8.802	------	226516	------
	0.64	0.2120	9.198	------	636009	------
	0.38	0.1279	9.313	------	383566	------
AROCLOR1016	877.05	292.3497	9.782	0.000	8594756	------
	0.23	0.0779	10.702	------	233656	------
	1.21	0.4043	10.979	------	1212876	------
	0.93	0.3085	11.077	------	925436	------
	1.00	0.3319	11.280	------	995751	------
	0.72	0.2383	11.399	------	715016	------
	0.45	0.1489	11.552	------	446728	------
	0.17	0.0563	11.988	------	168991	------
	1.56	0.5202	12.444	------	1560652	------
	0.53	0.1751	12.618	------	525407	------
	1.12	0.3717	12.974	------	1115153	------
	0.32	0.1055	13.194	------	316533	------
	0.16	0.0533	13.323	------	159950	------
	0.26	0.0866	13.562	------	259886	------
	0.44	0.1457	13.835	------	437227	------
	1.05	0.3497	14.193	------	1048996	------
	1.11	0.3708	14.473	------	1112468	------
	0.02	0.0076	14.796	------	22767	------
	0.07	0.0247	15.066	------	74118	------
	0.01	0.0046	15.283	------	13857	------
	0.10	0.0333	15.675	------	100031	------
	0.07	0.0226	16.024	------	67812	------
	0.23	0.0770	16.315	------	231125	------
	1.32	0.4393	17.174	------	1317757	------
	0.23	0.0755	17.338	------	226409	------
	0.19	0.0624	18.393	------	187206	------
	0.03	0.0095	18.636	------	28551	------
	1.22	0.4067	18.934	------	1220231	------
	0.02	0.0058	19.295	------	17544	------
	1.82	0.6077	19.544	------	1823195	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	1.24	0.4143	19.759	------	1242886	------
	2.69	0.8971	20.006	------	2691428	------
	1.59	0.5294	20.174	------	1588347	------
	0.95	0.3159	20.471	------	947614	------
	0.34	0.1139	21.099	------	341682	------
	1.82	0.6052	21.846	------	1815549	------
	0.51	0.1689	22.056	------	506698	------
	1.05	0.3515	22.229	------	1054650	------
AROCLOR1260	1014.40	338.1339	22.486	0.000	12889327	------
	0.13	0.0421	22.767	------	126364	------
	0.19	0.0632	23.768	------	189516	------
	1.20	0.3986	24.248	------	1195780	------
	0.50	0.1673	24.454	------	501839	------
	0.07	0.0248	25.053	------	74498	------
	0.07	0.0249	25.822	------	74577	------
	0.03	0.0099	26.396	------	29560	------
	0.38	0.1267	26.697	------	380034	------
	0.96	0.3216	26.881	------	964843	------
	0.31	0.1041	28.899	------	312235	------
DCB	25.37	8.4554	30.996	-0.006	916791	126.8

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	706.24	235.4122	6.905	-0.002	678958	------
1016-PK2	799.26	266.4185	8.387	-0.003	1704549	------
1016-PK3	909.62	303.2068	9.509	-0.002	911003	------
1016-PK4	904.84	301.6128	9.782	-0.002	3699131	------
1016-PK5	990.85	330.2842	10.436	-0.002	1601116	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	1009.53	336.5092	18.014	-0.001	2667858	------
1260-PK1	1060.58	353.5254	16.787	-0.001	1708299	------
1260-PK2	1008.02	336.0074	17.611	-0.002	2712818	------
1260-PK4	982.39	327.4631	22.486	0.001	3800865	------
1260-PK5	1056.42	352.1404	24.623	-0.002	1999487	------

==========

Capillary GC -

Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

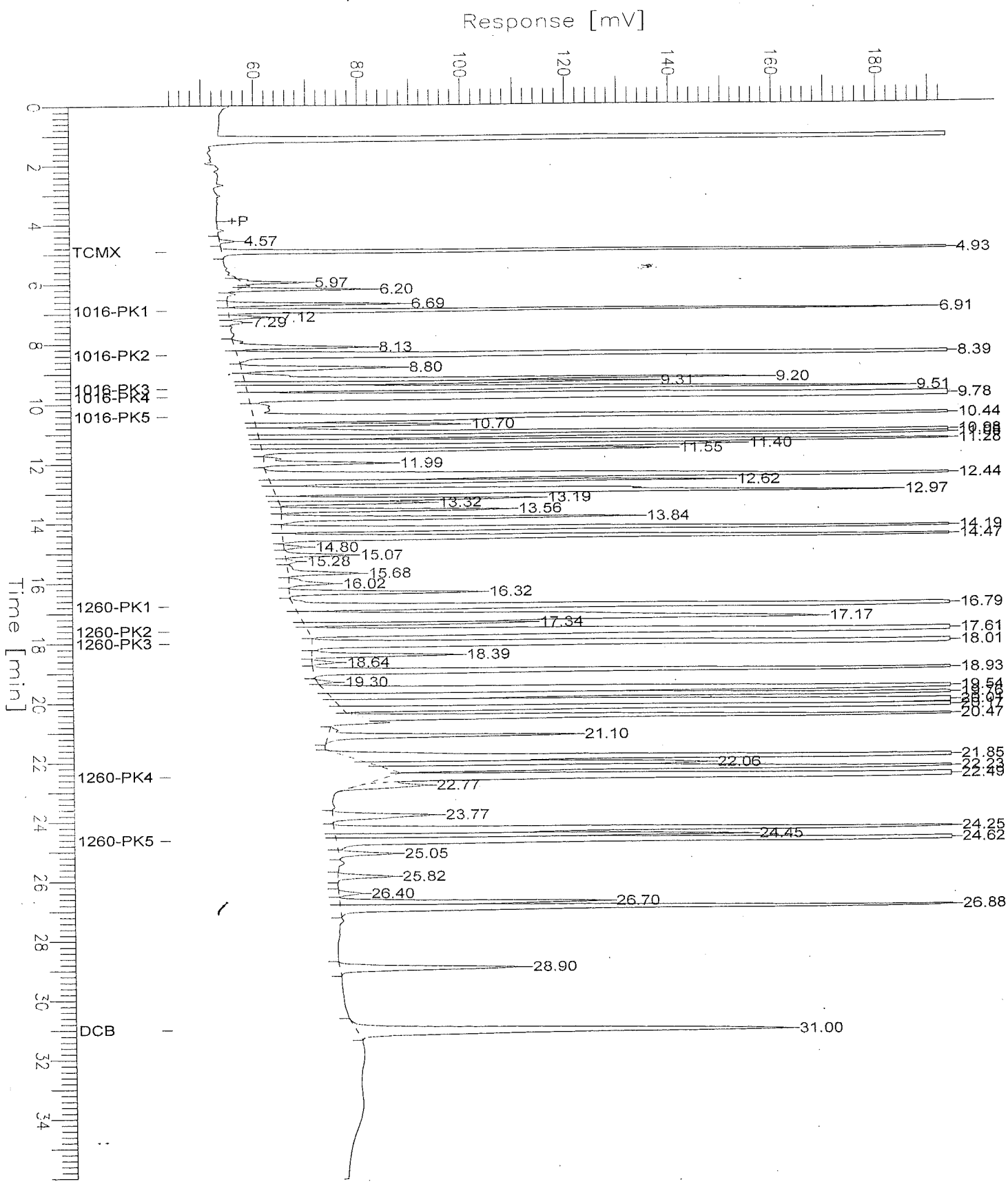
==========

Report stored in ASCII file: C:\TC4\DATA_9\O07A015.TX1

Chromatogram

Sample Name : 0280469-LCS
FileName : C:\TC4\DATA_9\007A015.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 43 mV

Sample #: DLPNF102 C
Date : 10/9/00 08:58 AM
Time of Injection: 10/8/00 01:57 AM
Low Point : 43.32 mV High Point : 193.32 mV
Plot Scale: 150.0 mV



001174

Lot/Sample: E0J040125-014 C-2-56-2 TICs.....: N Report Results: Y
WO#.....: DLH41-1-01 Est. Results: Y Sig Fig Alg...: A
SAC.....: XX A 71 QH 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / PCBs (8082) / SW846 / 8082

Analysis Date: 10/08/00
Inject Time..: 2:37 Inject Vol: 1.0 Units: uL
Analyst.....: 018568 Lynne Bidwell
Dil Factor: 1.00 Instr File: O07A016.R
Instr ID: G9A Column: DB608 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 10:34:32
Prep Comments.....:
Analysis Comments...:
Result Units.....:ug/kg

Prep Date....: 10/06/00
QC Batch.....: 0280469
MS Run Number: 0280216
Prep Time....: 13:30-14:30
Init Wgt/Vol.: 30 Units: g
Final Wgt/Vol: 10.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2:AC Amt..: 30
Exchange Solv: HEXANE Amt..: 4
Spike....:
Surrogate: PEST1563-2SCS/0.2PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
02082	Aroclor 1016			ND	33	10		
02085	Aroclor 1221			ND	33	10		
02088	Aroclor 1232			ND	33	10		
02091	Aroclor 1242			ND	33	10		
02094	Aroclor 1248			ND	33	10		
02097	Aroclor 1254			ND	33	10		
02100	Aroclor 1260			13.2363	33	10	J	J

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
02732	Decachlorobiphenyl		6.6667	7.7896	116.843415		
02739	Tetrachloro-m-xylene		6.6667	7.4349	111.522942		

Notes:

J Estimated result. Result is less than RL.

Software Version: 4.1<2F12>
Sample Name : 125-14 Time : 10/9/00 08:58 AM
Sample Number: DLH41101 Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/8/00 02:37 AM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\O07A016.RAW
Result File : C:\TC4\DATA_9\O07A016.RST
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\O07A016.RST
Proc Method : C:\TC4\DATA_9\PEST9A.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\O07.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 40 1260 13_2363 J (33)

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.08	0.0267	3.988	------	80222	------
	0.06	0.0204	4.111	------	61290	------
	0.01	0.0034	4.478	------	10101	------
	0.06	0.0205	4.754	------	61559	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
TCMX	22.30	7.4349	4.927	-0.002	985057	111.5
	0.05	0.0156	5.871	------	46791	------
	0.02	0.0070	6.067	------	20946	------
	0.01	0.0039	6.332	------	11784	------
AROCLOR1016	7.64	2.5450	6.853	0.000	74820	------
	0.04	0.0120	7.092	------	36095	------
	0.02	0.0055	7.358	------	16518	------
	0.01	0.0032	7.858	------	9506	------
	0.02	0.0066	9.072	------	19933	------
	0.03	0.0097	10.084	------	29247	------
	0.02	0.0074	11.121	------	22250	------
	0.02	0.0055	12.417	------	16630	------
	0.02	0.0071	14.195	------	21154	------
	0.03	0.0091	14.472	------	27428	------
	0.03	0.0114	17.182	------	34064	------
	0.02	0.0080	18.930	------	23976	------
	0.06	0.0215	19.544	------	64578	------
	0.04	0.0119	19.759	------	35560	------
	0.08	0.0264	20.003	------	79063	------
	0.07	0.0237	20.170	------	70968	------
	0.03	0.0110	20.467	------	32896	------
	0.01	0.0046	20.925	------	13680	------
	0.06	0.0200	21.843	------	59872	------
	0.03	0.0098	22.224	------	29493	------
AROCLOR1260	39.71	13.2363	22.482	0.000	504555	------
	0.06	0.0189	24.239	------	56753	------
	0.03	0.0098	24.451	------	29340	------
	0.06	0.0200	26.875	------	59925	------
	0.03	0.0109	28.893	------	32627	------
DCB	23.37	7.7896	30.995	-0.008	844600	116.8

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	26.38	8.7945	6.853	-0.054	25364	------
1016-PK2	3.49	1.1638	8.385	-0.005	7446	------
1016-PK3	0.00	0.0000	9.511	------	0	------
1016-PK4	0.00	0.0000	9.784	------	0	------
1016-PK5	26.00	8.6660	10.306	-0.131	42010	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	45.25	15.0819	18.013	-0.002	119570	------
1260-PK1	30.67	10.2240	16.783	-0.005	49404	------
1260-PK2	41.31	13.7714	17.611	-0.001	111186	------
1260-PK4	38.62	12.8743	22.482	-0.003	149432	------
1260-PK5	39.61	13.2021	24.618	-0.007	74963	------

Capillary GC -

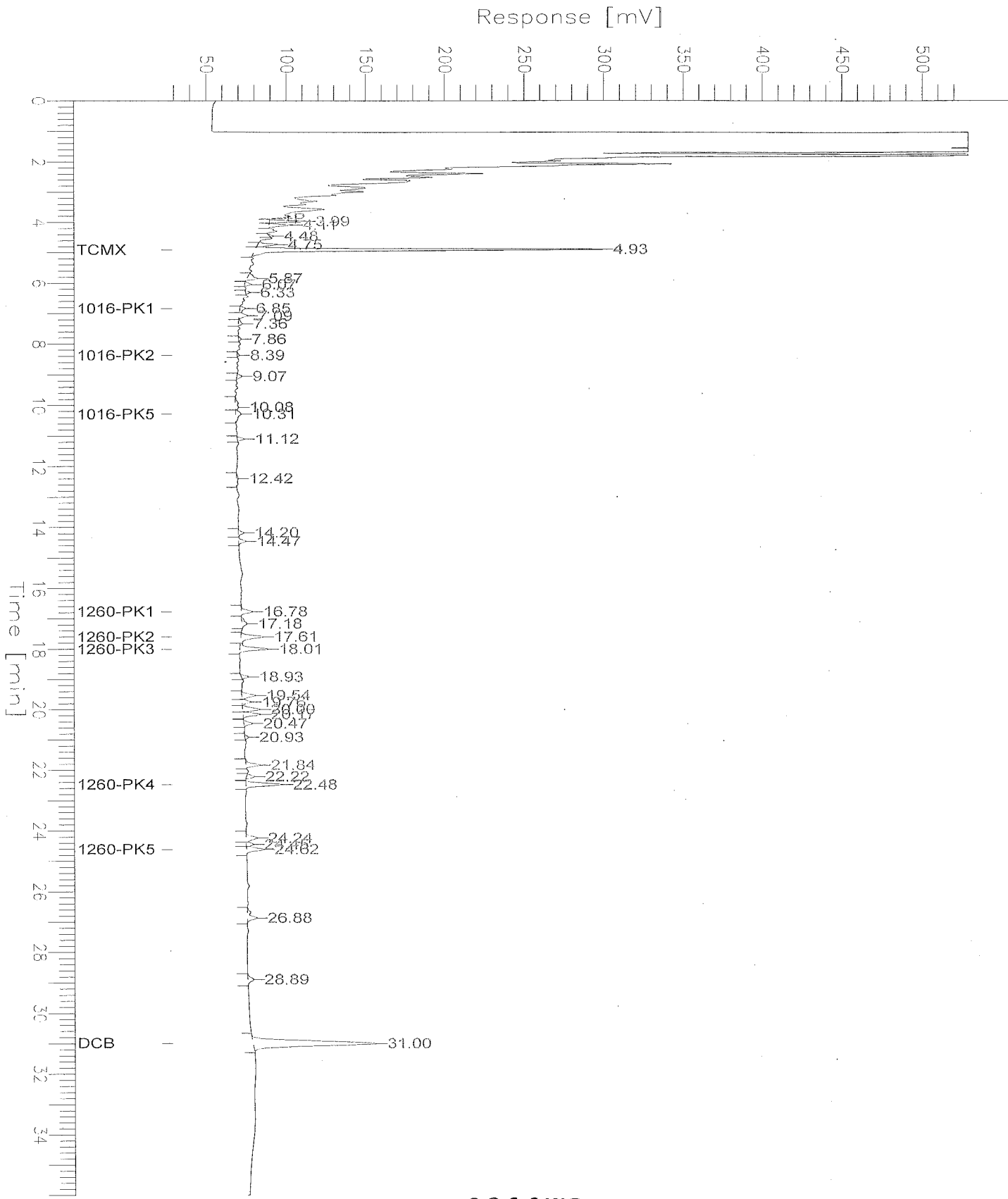
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\O07A016.TX0

Chromatogram

Sample Name : 125-14
FileName : C:\TC4\DATA_9\007A016.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 29 mV

Sample #: DLH41101 Page 1 of 1
Date : 10/9/00 08:58 AM
Time of Injection: 10/8/00 02:37 AM
Low Point : 28.80 mV High Point : 528.80 mV
Plot Scale: 500.0 mV



001179

BOE-C6-0155844

Lot/Sample: E0J060216-001 CSM152 TICs.....: N Report Results: Y
WO#.....: DLNAX-1-01 Est. Results: N Sig Fig Alg...: A
SAC.....: XX A 71 QH 01 Dry Weight..: N Upload.....: Y
Method....: SOLID / PCBs (8082) / SW846 / 8082

Analysis Date: 10/08/00
Inject Time..: 3:57 Inject Vol: 1.0 Units: uL
Analyst.....: 018568 Lynne Bidwell
Dil Factor: 1.00 Instr File: O07A018.R
Instr ID: G9A Column: DB608 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/09 10:35:08
Prep Comments.....:
Analysis Comments...:
Result Units.....:ug/kg

Prep Date....: 10/06/00
QC Batch.....: 0280469
MS Run Number: 0280216
Prep Time....: 13:30-14:30
Init Wgt/Vol.: 30 Units: g
Final Wgt/Vol: 10.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2:AC Amt..: 30
Exchange Solv: HEXANE Amt..: 4
Spike....:
Surrogate: PEST1563-2SCS/0.2PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Result	Limit	MDL	Data Qual	Report Qual
02082	Aroclor 1016			ND	33	10		
02085	Aroclor 1221			ND	33	10		
02088	Aroclor 1232			ND	33	10		
02091	Aroclor 1242			ND	33	10		
02094	Aroclor 1248			ND	33	10		
02097	Aroclor 1254			ND	33	10		
02100	Aroclor 1260			ND	33	10		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
02732	Decachlorobiphenyl		6.6667	6.2667	94.0000299		
02739	Tetrachloro-m-xylene		6.6667	4.9848	74.7716261		

Software Version: 4.1<2F12>
Sample Name : 216-1 Time : 10/9/00 08:59 AM
Sample Number: DLNAX101 Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/8/00 03:57 AM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\007A018.RAW
Result File : C:\TC4\DATA_9\007A018.RST
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\007A018.RST
Proc Method : C:\TC4\DATA_9\PEST9A.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\007.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 67

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.04	0.0144	4.022	------	43296	------
	0.01	0.0035	4.780	------	10530	------
TCMX	14.95	4.9848	4.980	0.053	660438	74.8
	0.02	0.0058	5.677	------	17549	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.01	0.0045	5.910	------	13567	------
	0.02	0.0071	6.244	------	21179	------
	0.23	0.0778	6.464	------	233539	------
	0.29	0.0965	6.793	------	289604	------
	0.09	0.0306	7.924	------	91718	------
	0.04	0.0147	9.163	------	44190	------
	0.04	0.0136	9.298	------	40658	------
AROCLOR1016	1.35	0.4516	9.769	0.000	13277	------
	0.06	0.0187	10.230	------	56049	------
	0.02	0.0059	11.047	------	17677	------
	0.07	0.0232	11.449	------	69737	------
	0.02	0.0077	11.646	------	23135	------
	0.18	0.0607	12.041	------	182036	------
	0.06	0.0210	12.386	------	62956	------
	0.14	0.0479	12.865	------	143638	------
	0.11	0.0366	13.341	------	109843	------
	0.07	0.0241	13.490	------	72278	------
	0.32	0.1059	13.939	------	317630	------
	1.43	0.4753	14.208	------	1425831	------
	1.90	0.6332	14.336	------	1899570	------
	0.73	0.2423	14.654	------	726926	------
	1.45	0.4846	14.928	------	1453664	------
	0.25	0.0842	15.365	------	252564	------
	0.03	0.0108	15.670	------	32357	------
	0.11	0.0361	16.014	------	108404	------
	0.11	0.0378	16.173	------	113492	------
	0.03	0.0095	16.396	------	28520	------
	0.06	0.0199	17.145	------	59832	------
	0.04	0.0146	17.533	------	43723	------
AROCLOR1260	291.63	97.2101	18.166	0.000	3705554	------
	0.17	0.0575	18.438	------	172612	------
	0.21	0.0708	18.754	------	212471	------
	0.66	0.2214	19.268	------	664276	------
	0.04	0.0138	19.567	------	41482	------
	0.09	0.0288	19.764	------	86384	------
	0.32	0.1077	20.098	------	322989	------
	0.02	0.0053	20.529	------	15849	------
	0.05	0.0165	20.735	------	49549	------
	0.03	0.0101	21.184	------	30315	------
	0.02	0.0073	21.621	------	21988	------
	0.05	0.0176	22.027	------	52842	------
	0.03	0.0088	22.770	------	26459	------
	0.02	0.0063	23.033	------	18831	------
	0.07	0.0228	23.696	------	68287	------
	0.02	0.0072	25.117	------	21665	------
	0.10	0.0338	25.514	------	101521	------
	0.13	0.0443	25.749	------	132928	------
	0.06	0.0207	26.520	------	62206	------
	0.04	0.0146	26.937	------	43882	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.02	0.0060	27.307	------	17890	------
	0.05	0.0153	28.620	------	46033	------
	0.14	0.0467	29.115	------	140074	------
	0.04	0.0146	29.607	------	43685	------
	0.12	0.0400	30.426	------	120145	------
DCB	18.80	6.2667	31.016	0.013	679471	94.0
	0.20	0.0665	31.252	------	199418	------
	0.06	0.0203	31.679	------	60992	------
	0.06	0.0196	32.535	------	58829	------
	0.51	0.1714	34.914	------	514258	------

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	0.00	0.0000	6.907	------	0	------
1016-PK2	0.00	0.0000	8.390	------	0	------
1016-PK3	0.00	0.0000	9.511	------	0	------
1016-PK4	3.25	1.0826	9.769	-0.015	13277	------
1016-PK5	0.00	0.0000	10.438	------	0	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	518.81	172.9358	18.166	0.152	1371042	------
1260-PK1	13.22	4.4079	16.848	0.060	21300	------
1260-PK2	31.82	10.6054	17.671	0.059	85625	------
1260-PK4	31.51	10.5025	22.509	0.024	121902	------
1260-PK5	1112.53	370.8436	24.376	-0.246	2105685	------

Capillary GC -

Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen

Temperature : 170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp : 220C
Detector Temp : 320C
Injection Vol : 1 ul per column

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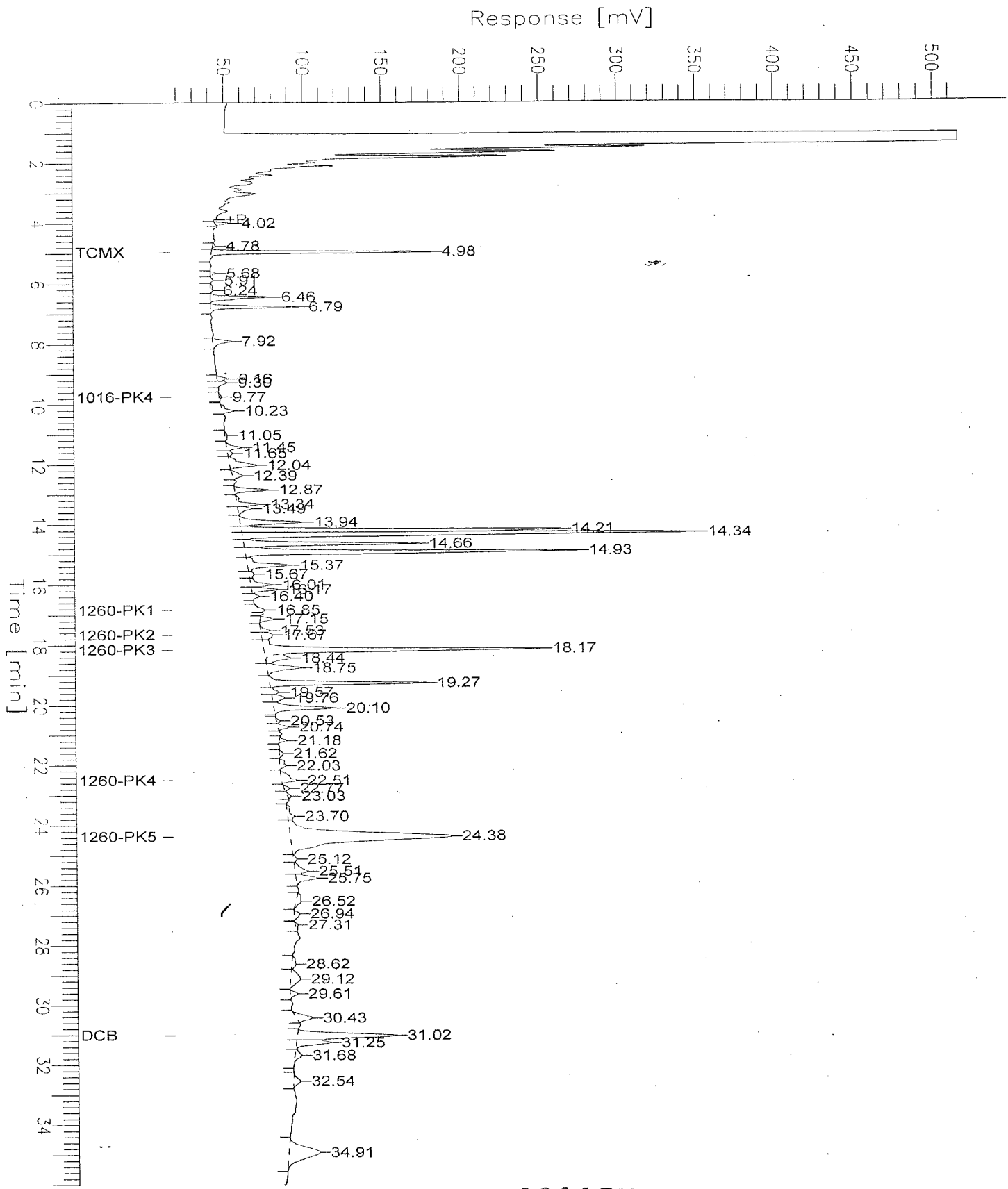
Report stored in ASCII file: C:\TC4\DATA_9\O07A018.TXO

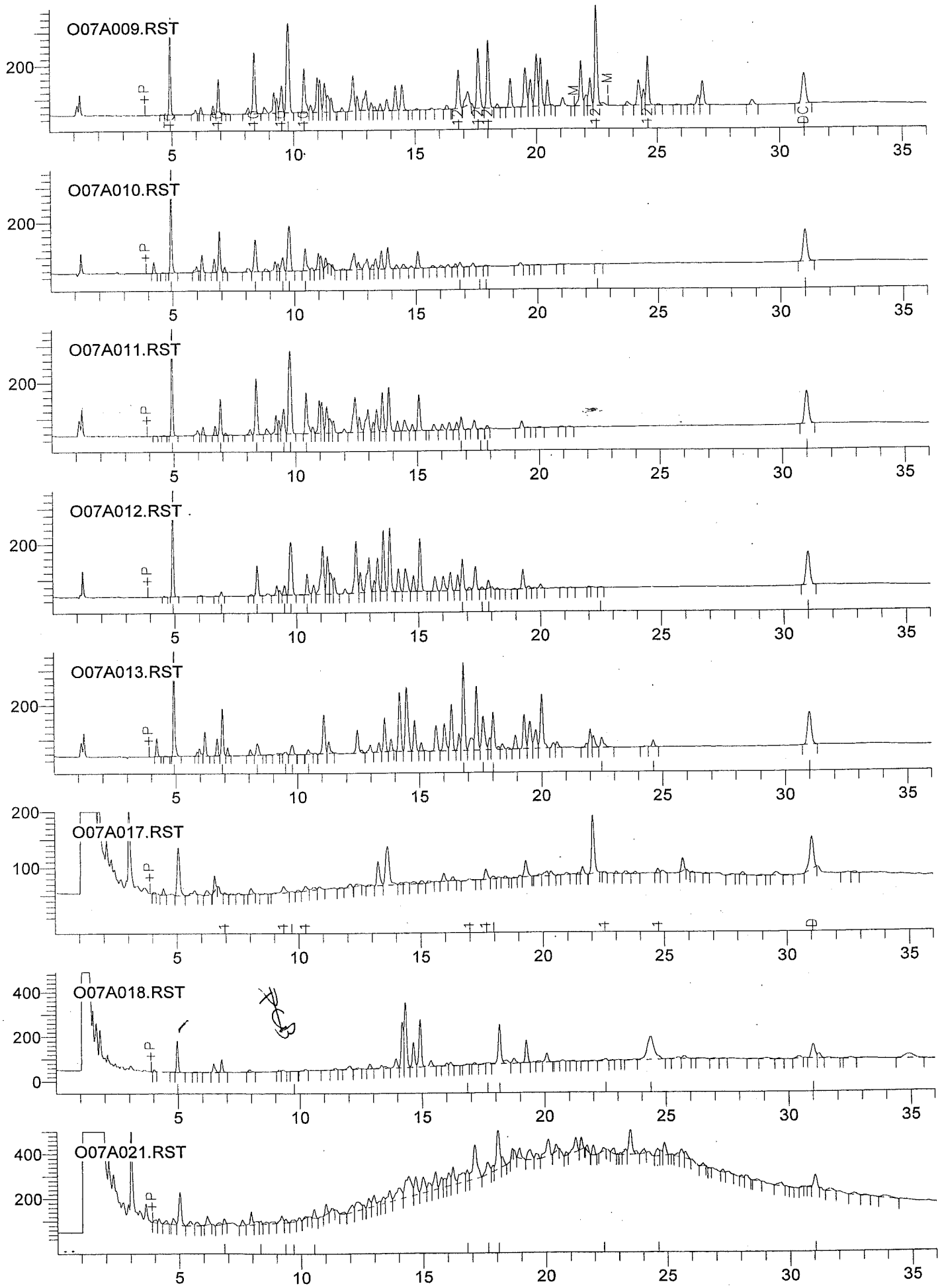
Chromatogram

Sample Name : 216-1
FileName : C:\TC4\DATA_9\007A018.raw
'ethod : PEST9A
tart Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 16 mV

Sample #: DLNAX101 Page 1 of 1
Date : 10/9/00 08:59 AM
Time of Injection: 10/8/00 03:57 AM
Low Point : 16.15 mV High Point : 516.15 mV
Plot Scale: 500.0 mV



001185


O07A009.RST
O07A010.RST
O07A011.RST
O07A012.RST
O07A013.RST
O07A017.RST
O07A018.RST
O07A021.RST
200
100
400
0
5
10
15
20
25
30
35

001186

Plot Title	Start Time	End Time	Scale (mV)	Offset (mV)
O07A009.RST	0.00	36.00	336.36	36.75
Sample Name : AR1660 00-143, 2ND SRC				
ample Number : .5 PPM 2ND				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
O07A010.RST	0.00	36.00	320.85	31.77
Sample Name : AR1232 00-138, 0.5UG/ML				
Sample Number : .5 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
O07A011.RST	0.00	36.00	310.03	37.46
Sample Name : AR1242 00-108,0.5UG/ML				
Sample Number : .5 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
O07A012.RST	0.00	36.00	316.16	35.55
Sample Name : AR1248 00-107,0.5UG/ML				
Sample Number : .5 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
O07A013.RST	0.00	36.00	322.66	32.85
Sample Name : AR2154 00-142, 0.5UG/ML				
Sample Number : .5 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
)07A017.RST	0.00	36.00	200.00	0.05
Sample Name : 316-1				
Sample Number : DLM30101				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
O07A018.RST	0.00	36.00	500.00	-9.32
Sample Name : 216-1				
Sample Number : DLNAX101				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
O07A021.RST	0.00	36.00	500.00	0.32
Sample Name : 216-2				
Sample Number : DLNCX101				
Instrument File Name : C:\TC4\DATA_9\PEST9A				

PDE120S
Page: 1

Severn Trent Laboratories, Inc.
Data Review

Date 10/09/2000
Time 9:37:55

Lot/Sample: E0J060216-001S CSM152
WO#.....: DLNAX-1-02
SAC.....: XX A 71 QH 01
Method....: SOLID / PCBs (8082) / SW846 / 8082

TICs.....: N
Est. Results:
Dry Weight..:

Report Results: Y
Sig Fig Alg...: A
Upload.....: Y

Analysis Date: 10/08/00
Inject Time..: 4:36 Inject Vol: 1.0 Units: uL
Analyst.....: 018568 Lynne Bidwell
Dil Factor: 1.00 Instr File: O07A019.R
Instr ID: G9A Column: DB608 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/06 17:16:30
Prep Comments.....:
Analysis Comments...:
Result Units.....:ug/kg

Prep Date....: 10/06/00
QC Batch.....: 0280469
MS Run Number: 0280216
Prep Time....: 13:30-13:30
Init Wgt/Vol.: 30 Units: g
Final Wgt/Vol: 10.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2:AC Amt..: 30
Exchange Solv: HEXANE Amt..: 4
Spike....: PCB#1563-1DCS/10PPM/1ML
Surrogate: PEST1563-2SCS/0.2PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Spike Amount	Measured Amount	%REC	%RPD	Data Qual	Report Qual
2082	Aroclor 1016			333.3333	201.009MSC	60.3	4.92	a	a,MSC
	Sample amount: ND								
02100	Aroclor 1260			333.3333	271.1394	81.34	5.05		
	Sample amount: ND								

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
02732	Decachlorobiphenyl		6.6667	23.118	346.775766	*	
02739	Tetrachloro-m-xylene		6.6667	5.0223	75.3341233		

Notes:

a Spiked analyte recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

* Surrogate recovery is outside stated control limits.

Matrix interference with DCB.

Software Version: 4.1<2F12>
Sample Name : 216-1S
Sample Number: DLNAX102 S
Operator :

Time : 10/9/00 09:09 AM
Study : ICAL 10/07/00

Instrument : GC-09
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2351570991 Data Acquisition Time: 10/8/00 04:36 AM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\O07A019.RAW
Result File : C:\TC4\DATA_9\O07A019.rst
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\O07A019.rst
Proc Method : C:\TC4\DATA_9\PEST9AQC.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\O07.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 5000.000000
Dilution Factor : 1.00

Noise Threshold: 50
Multiplier : 10.0000

Area Threshold : 5000
Divisor : 30.0000

Bunch Factor: 1
Addend : 0.0000

User1 : 8080
User2 :
User3 :
User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 84

1260 AS / DB
LB 10-5-00
MEL
DB

8082 QC - HP 9A - Column: DB608

STL - LOS ANGELES

Units: MG UG / KG L

Component Name	Final Result	Amount Spiked	Percent Recovery
TCMX	5.0223	6.6667	75.33
AROCLOR1016	201.0099	333.3333	60.30

Component Name	Final Result	Amount Spiked	Percent Recovery
AROCLOR1260	271.1394	333.3333	81.34
DCB	23.1185	6.6667	346.78

Group Report For : AROCLOR1016

Component Name	Final Result	Amount Spiked	Percent Recovery
1016-PK1	213.0674	333.3333	63.92
1016-PK2	207.3326	333.3333	62.20
1016-PK3	186.6236	333.3333	55.99
1016-PK4	200.8487	333.3333	60.25
1016-PK5	194.8160	333.3333	58.44

Group Report For : AROCLOR1260

Component Name	Final Result	Amount Spiked	Percent Recovery
1260-PK3	343.7868	333.3333	103.14
1260-PK1	225.1091	333.3333	67.53
1260-PK2	227.7080	333.3333	68.31
1260-PK4	266.1460	333.3333	79.84
1260-PK5	280.8410	333.3333	84.25

Report stored in ASCII file: C:\TC4\DATA_9\007A019.TX0

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.06	0.0215	4.015	------	64426	------
	0.04	0.0122	4.136	------	36630	------
	0.03	0.0095	4.576	------	28598	------
	0.03	0.0115	4.784	------	34622	------
TCMX	15.07	5.0223	4.970	0.042	665412	75.3
	0.02	0.0052	5.669	------	15657	------
	0.10	0.0339	6.003	------	101609	------
	0.11	0.0372	6.238	------	111504	------
	0.05	0.0157	6.521	------	47247	------
	0.35	0.1159	6.769	------	347667	------
	0.04	0.0125	7.160	------	37576	------
	0.01	0.0046	7.354	------	13715	------
	0.06	0.0205	7.918	------	61358	------
	0.12	0.0392	8.168	------	117649	------
	0.14	0.0475	8.857	------	142541	------
	0.44	0.1472	9.249	------	441550	------
	0.22	0.0747	9.371	------	224229	------
AROCLOR1016	603.03	201.0099	9.839	0.000	5909469	------
	0.04	0.0142	10.216	------	42452	------
	0.13	0.0431	10.752	------	129331	------
	0.71	0.2371	11.029	------	711279	------
	0.57	0.1912	11.133	------	573648	------
	0.60	0.2003	11.335	------	600927	------
	0.47	0.1552	11.455	------	465464	------
	0.27	0.0913	11.608	------	274023	------
	0.23	0.0765	12.031	------	229522	------
	0.98	0.3259	12.493	------	977553	------
	0.28	0.0936	12.667	------	280884	------
	0.30	0.0994	12.917	------	298167	------
	0.41	0.1370	13.021	------	410991	------
	0.09	0.0312	13.246	------	93526	------
	0.10	0.0349	13.613	------	104719	------
	0.48	0.1599	13.898	------	479577	------
	1.66	0.5526	14.219	------	1657826	------
	1.53	0.5113	14.317	------	1533865	------
	0.68	0.2258	14.524	------	677268	------
	0.56	0.1854	14.642	------	556326	------
	1.17	0.3901	14.918	------	1170226	------
	0.05	0.0152	15.116	------	45696	------
	0.19	0.0641	15.355	------	192385	------
	0.08	0.0262	15.708	------	78647	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.11	0.0380	16.014	------	113974	------
	0.09	0.0300	16.161	------	89960	------
	0.15	0.0502	16.355	------	150600	------
	0.82	0.2726	17.200	------	817878	------
	0.15	0.0512	17.380	------	153645	------
	0.18	0.0610	18.425	------	183088	------
	0.17	0.0559	18.749	------	167815	------
	0.82	0.2740	18.964	------	822076	------
	0.58	0.1948	19.262	------	584382	------
	1.29	0.4305	19.568	------	1291539	------
	0.94	0.3122	19.788	------	936510	------
	2.12	0.7054	20.036	------	2116310	------
	1.10	0.3672	20.200	------	1101510	------
	0.74	0.2481	20.497	------	744165	------
	0.08	0.0264	20.695	------	79171	------
	0.27	0.0916	21.126	------	274742	------
	1.36	0.4524	21.866	------	1357127	------
	0.41	0.1355	22.077	------	406439	------
	0.91	0.3045	22.249	------	913559	------
AROCLOR1260	813.42	271.1394	22.507	0.000	10335565	------
	0.14	0.0461	22.784	------	138188	------
	0.15	0.0506	23.785	------	151810	------
	0.98	0.3271	24.267	------	981395	------
	0.40	0.1343	24.472	------	402854	------
	0.06	0.0205	25.074	------	61441	------
	0.04	0.0145	25.507	------	43505	------
	0.14	0.0481	25.771	------	144427	------
	0.02	0.0056	26.415	------	16659	------
	0.28	0.0938	26.712	------	281338	------
	0.77	0.2559	26.896	------	767823	------
	0.24	0.0795	27.717	------	238633	------
	0.23	0.0755	28.916	------	226466	------
	0.04	0.0123	29.604	------	36829	------
DCB	69.36	23.1185	31.117	0.115	2506660	346.8
	4.65	1.5511	31.246	------	4653344	------

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	639.20	213.0674	6.950	0.043	614513	------
1016-PK2	622.00	207.3326	8.436	0.046	1326517	------
1016-PK3	559.87	186.6236	9.553	0.042	560722	------
1016-PK4	602.55	200.8487	9.839	0.055	2463310	------
1016-PK5	584.45	194.8160	10.489	0.051	944408	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	1031.36	343.7868	18.052	0.037	2725555	------
1260-PK1	675.33	225.1091	16.827	0.039	1087768	------
1260-PK2	683.12	227.7080	17.645	0.032	1838442	------
1260-PK4	798.44	266.1460	22.507	0.022	3089157	------
1260-PK5	842.52	280.8410	24.638	0.013	1594642	------

Capillary GC -

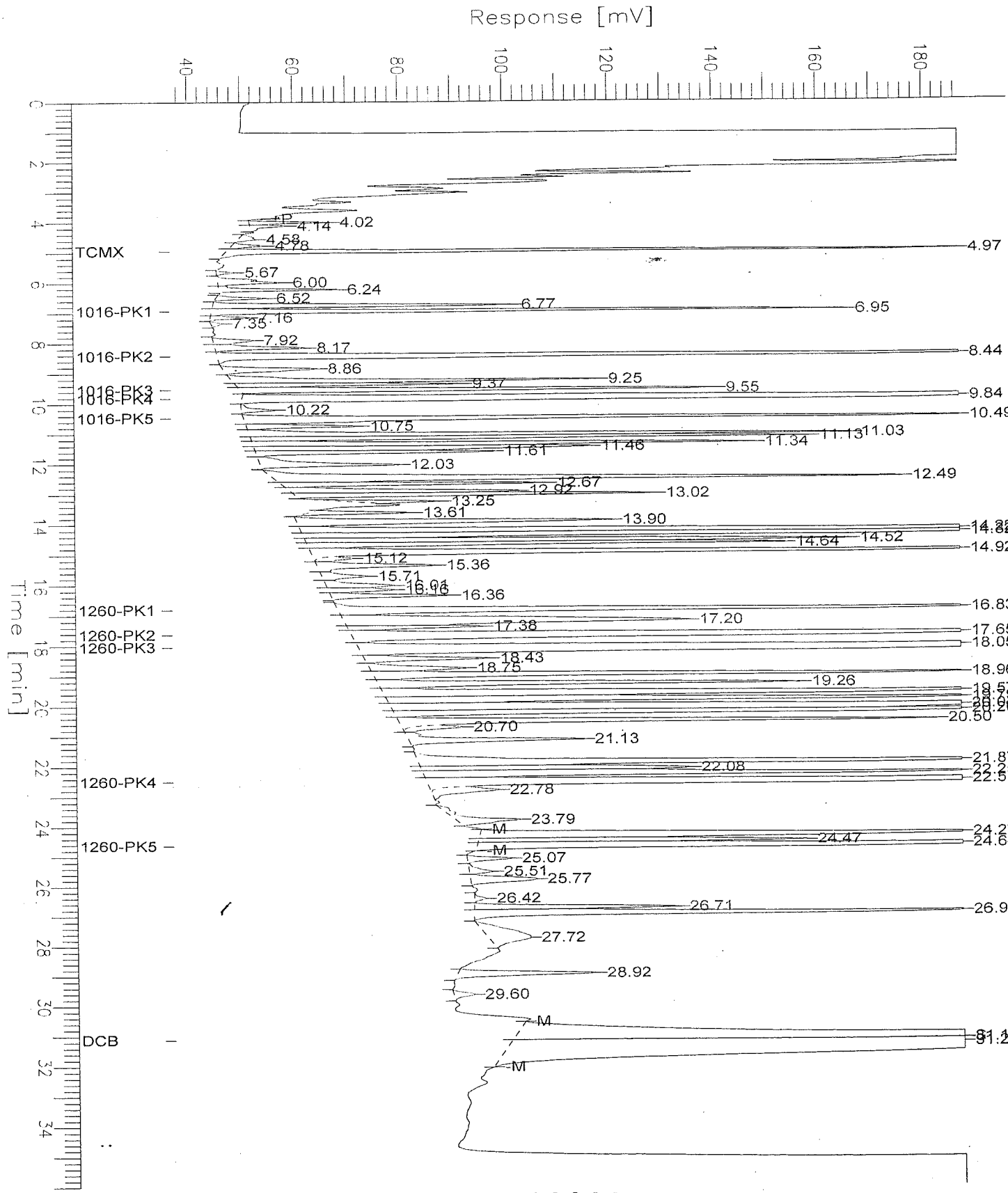
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\007A019.TX1

Chromatogram

Sample Name : 216-1S
FileName : C:\TC4\DATA_9\007A019.raw
:hod : PEST9A
art Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 37 mV

Sample #: DLNAX102 S
Date : 10/9/00 09:09 AM
Time of Injection: 10/8/00 04:36 AM
Low Point : 36.74 mV High Point : 186.74 mV
Plot Scale: 150.0 mV



001194

Software Version: 4.1<2F12>
Sample Name : 216-1S
Sample Number: DLNAX102 S
perator :

Time : 10/9/00 08:59 AM
Study : ICAL 10/07/00

Instrument : GC-09
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2351570991 Data Acquisition Time: 10/8/00 04:36 AM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\O07A019.RAW
Result File : C:\TC4\DATA_9\O07A019.RST
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\O07A019.RST
Proc Method : C:\TC4\DATA_9\PEST9AQC.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\O07.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 5000.000000
Dilution Factor : 1.00

Noise Threshold: 50
Area Threshold : 5000
Bunch Factor: 1
Multiplier : 10.0000
Divisor : 30.0000
Addend : 0.0000
ser1 : 8080
User2 :
User3 :
User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 84

8082 QC - HP 9A - Column: DB608

STL - LOS ANGELES

Units: MG UG / KG L

Component Name	Final Result	Amount Spiked	Percent Recovery
TCMX ..	5.0223	6.6667	75.33
AROCLOR1016	201.0099	333.3333	60.30

Component Name	Final Result	Amount Spiked	Percent Recovery
AROCLOR1260	196.1598	333.3333	58.85
DCB	72.1075	6.6667	1081.61

Group Report For : AROCLOR1016

Component Name	Final Result	Amount Spiked	Percent Recovery
1016-PK1	213.0674	333.3333	63.92
1016-PK2	207.3326	333.3333	62.20
1016-PK3	186.6236	333.3333	55.99
1016-PK4	200.8487	333.3333	60.25
1016-PK5	194.8160	333.3333	58.44

Group Report For : AROCLOR1260

Component Name	Final Result	Amount Spiked	Percent Recovery
1260-PK3	343.7868	333.3333	103.14
1260-PK1	225.1091	333.3333	67.53
1260-PK2	227.7080	333.3333	68.31
1260-PK4	11.9056	333.3333	3.57
1260-PK5	297.1880	333.3333	89.16

Report stored in ASCII file: C:\TC4\DATA_9\O07A019.TX0

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.06	0.0215	4.015	------	64426	------
	0.04	0.0122	4.136	------	36630	------
	0.03	0.0095	4.576	------	28598	------
	0.03	0.0115	4.784	------	34622	------
TCMX	15.07	5.0223	4.970	0.042	665412	75.3
	0.02	0.0052	5.669	------	15657	------
	0.10	0.0339	6.003	------	101609	------
	0.11	0.0372	6.238	------	111504	------
	0.05	0.0157	6.521	------	47247	------
	0.35	0.1159	6.769	------	347667	------
	0.04	0.0125	7.160	------	37576	------
	0.01	0.0046	7.354	------	13715	------
	0.06	0.0205	7.918	------	61358	------
	0.12	0.0392	8.168	------	117649	------
	0.14	0.0475	8.857	------	142541	------
	0.44	0.1472	9.249	------	441550	------
	0.22	0.0747	9.371	------	224229	------
AROCLOR1016	603.03	201.0099	9.839	0.000	5909469	------
	0.04	0.0142	10.216	------	42452	------
	0.13	0.0431	10.752	------	129331	------
	0.71	0.2371	11.029	------	711279	------
	0.57	0.1912	11.133	------	573648	------
	0.60	0.2003	11.335	------	600927	------
	0.47	0.1552	11.455	------	465464	------
	0.27	0.0913	11.608	------	274023	------
	0.23	0.0765	12.031	------	229522	------
	0.98	0.3259	12.493	------	977553	------
	0.28	0.0936	12.667	------	280884	------
	0.30	0.0994	12.917	------	298167	------
	0.41	0.1370	13.021	------	410991	------
	0.09	0.0312	13.246	------	93526	------
	0.10	0.0349	13.613	------	104719	------
	0.48	0.1599	13.898	------	479577	------
	1.66	0.5526	14.219	------	1657826	------
	1.53	0.5113	14.317	------	1533865	------
	0.68	0.2258	14.524	------	677268	------
	0.56	0.1854	14.642	------	556326	------
	1.17	0.3901	14.918	------	1170226	------
	0.05	0.0152	15.116	------	45696	------
	0.19	0.0641	15.355	------	192385	------
	0.08	0.0262	15.708	------	78647	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.11	0.0380	16.014	------	113974	------
	0.09	0.0300	16.161	------	89960	------
	0.15	0.0502	16.355	------	150600	------
	0.82	0.2726	17.200	------	817878	------
	0.15	0.0512	17.380	------	153645	------
AROCLOR1260	588.48	196.1598	18.052	0.000	7477415	------
	0.18	0.0610	18.425	------	183088	------
	0.17	0.0559	18.749	------	167815	------
	0.82	0.2740	18.964	------	822076	------
	0.58	0.1948	19.262	------	584382	------
	1.29	0.4305	19.568	------	1291539	------
	0.94	0.3122	19.788	------	936510	------
	2.12	0.7054	20.036	------	2116310	------
	1.10	0.3672	20.200	------	1101510	------
	0.74	0.2481	20.497	------	744165	------
	0.08	0.0264	20.695	------	79171	------
	0.27	0.0916	21.126	------	274742	------
	1.36	0.4524	21.866	------	1357127	------
	0.41	0.1355	22.077	------	406439	------
	0.91	0.3045	22.249	------	913559	------
	3.09	1.0297	22.507	------	3089157	------
	0.23	0.0768	23.785	------	230535	------
	1.13	0.3760	24.267	------	1128004	------
	0.44	0.1481	24.472	------	444362	------
	0.09	0.0286	25.074	------	85804	------
	0.06	0.0212	25.507	------	63542	------
	0.15	0.0505	25.771	------	151512	------
	0.02	0.0056	26.415	------	16659	------
	0.28	0.0938	26.712	------	281338	------
	0.77	0.2559	26.896	------	767823	------
	0.24	0.0795	27.717	------	238633	------
	0.23	0.0755	28.916	------	226466	------
	0.04	0.0123	29.604	------	36829	------
	0.17	0.0554	30.449	------	166203	------
DCB	216.32	72.1075	31.246	0.245	7818359	1081.6

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	639.20	213.0674	6.950	0.043	614513	------
1016-PK2	622.00	207.3326	8.436	0.046	1326517	------
1016-PK3	559.87	186.6236	9.553	0.042	560722	------
1016-PK4	602.55	200.8487	9.839	0.055	2463310	------
1016-PK5	584.45	194.8160	10.489	0.051	944408	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	1031.36	343.7868	18.052	0.037	2725555	------
1260-PK1	675.33	225.1091	16.827	0.039	1087768	------
1260-PK2	683.12	227.7080	17.645	0.032	1838442	------
1260-PK4	35.72	11.9056	22.784	0.303	138188	------
1260-PK5	891.56	297.1880	24.638	0.013	1687462	------

Capillary GC -

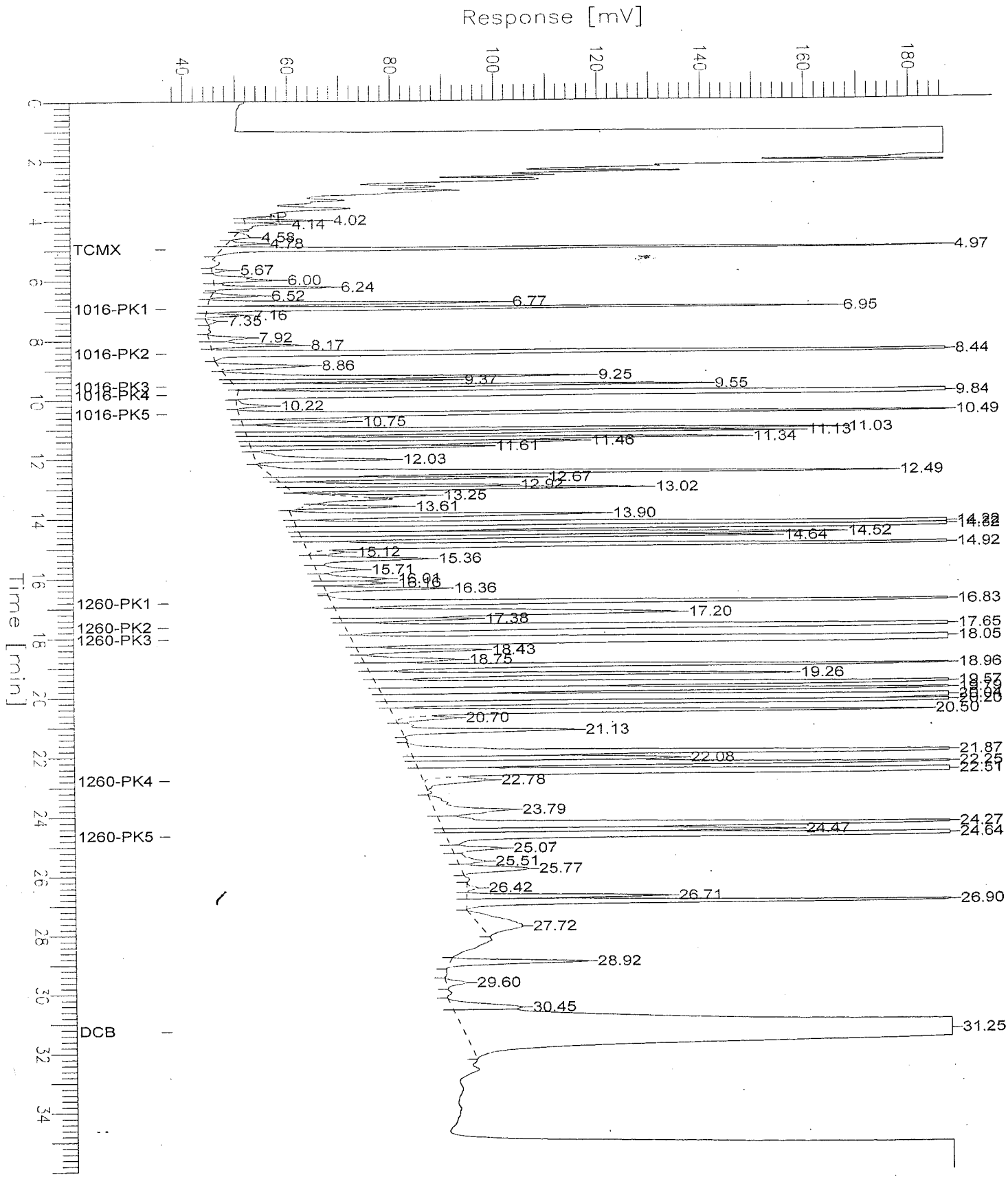
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\O07A019.TX1

Chromatogram

Sample Name : 216-1S
FileName : C:\TC4\DATA_9\007A019.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 37 mV

Sample #: DLNAX102 S
Date : 10/9/00 08:59 AM
Time of Injection: 10/8/00 04:36 AM
Low Point : 36.74 mV High Point : 186.74 mV
Plot Scale: 150.0 mV



001200

PDE120S
Page: 1

Severn Trent Laboratories, Inc.
Data Review

Date 10/09/2000
Time 9:37:55

Lot/Sample: E0J060216-001D CSM152
WO#.....: DLNAX-1-03
SAC.....: XX A 71 QH 01
Method....: SOLID / PCBs (8082) / SW846 / 8082

TICs.....: N
Est. Results:
Dry Weight..:

Report Results: Y
Sig Fig Alg...: A
Upload.....: Y

Analysis Date: 10/08/00
Inject Time..: 5:16 Inject Vol: 1.0 Units: uL
Analyst.....: 018568 Lynne Bidwell
Dil Factor: 1.00 Instr File: O07A020.R
Instr ID: G9A Column: DB608 ID: .53
Sampling date.....:10/03/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/06 17:16:30
Prep Comments.....:
Analysis Comments...:
Result Units.....:ug/kg

Prep Date....: 10/06/00
QC Batch.....: 0280469
MS Run Number: 0280216
Prep Time....: 13:30-13:30
Init Wgt/Vol.: 30 Units: g
Final Wgt/Vol: 10.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: MECL2:AC Amt..: 30
Exchange Solv: HEXANE Amt..: 4
Spike....: PCB#1563-1DCS/10PPM/1ML
Surrogate: PEST1563-2SCS/0.2PPM/1ML

Total Solids.: .00

SYN#	Analyte	* SPK	Exc Code	Spike Amount	Measured Amount	%REC	%RPD	Data Qual	Report Qual
)2082	Aroclor 1016			333.3333	211.150MSC	63.34	4.92	a	a,MSC
	Sample amount: ND								
02100	Aroclor 1260			333.3333	285.2052	85.56	5.05		
	Sample amount: ND								

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
02732	Decachlorobiphenyl		6.6667	8.6288	129.431352		
02739	Tetrachloro-m-xylene		6.6667	5.4740	82.1095894		

Notes:

a Spiked analyte recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

Software Version: 4.1<2F12>
Sample Name : 216-1D
Sample Number: DLNAX103 D
Operator :

Time : 10/9/00 09:09 AM
Study : ICAL 10/07/00

Instrument : GC-09
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2351570991 Data Acquisition Time: 10/8/00 05:16 AM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\O07A020.RAW
Result File : C:\TC4\DATA_9\O07A020.rst
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\O07A020.rst
Proc Method : C:\TC4\DATA_9\PEST9AQC.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\O07.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 5000.000000
Dilution Factor : 1.00

Noise Threshold: 50
Multiplier : 10.0000
Area Threshold : 5000
Divisor : 30.0000
Bunch Factor: 1
Addend : 0.0000
ser1 : 8080
User2 :
User3 :
User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 89

12-60 #5
NI w/ DCB
5/10-5 a

8082 QC - HP 9A - Column: DB608

STL - LOS ANGELES

Units: MG UG / KG L

Component Name	Final Result	Amount Spiked	Percent Recovery
TCMX	5.4740	6.6667	82.11
AROCLOR1016	211.1506	333.3333	63.35

Component Name	Final Result	Amount Spiked	Percent Recovery
AROCLOR1260	285.2052	333.3333	85.56
DCB	8.6288	6.6667	129.43

Group Report For : AROCLOR1016

Component Name	Final Result	Amount Spiked	Percent Recovery
1016-PK1	224.1376	333.3333	67.24
1016-PK2	216.7760	333.3333	65.03
1016-PK3	199.0609	333.3333	59.72
1016-PK4	210.7317	333.3333	63.22
1016-PK5	204.5529	333.3333	61.37

Group Report For : AROCLOR1260

Component Name	Final Result	Amount Spiked	Percent Recovery
1260-PK3	372.5193	333.3333	111.76
1260-PK1	235.7061	333.3333	70.71
1260-PK2	235.7466	333.3333	70.72
1260-PK4	276.0784	333.3333	82.82
1260-PK5	294.3995	333.3333	88.32

Report stored in ASCII file: C:\TC4\DATA_9\O07A020.TX0

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.07	0.0241	4.020	------	72194	------
	0.03	0.0100	4.141	------	30144	------
	0.03	0.0108	4.582	------	32415	------
	0.04	0.0149	4.790	------	44699	------
TCMX	16.42	5.4740	4.979	0.051	725253	82.1
	0.02	0.0054	5.420	------	16134	------
	0.02	0.0074	5.677	------	22293	------
	0.12	0.0402	6.011	------	120540	------
	0.14	0.0467	6.248	------	140146	------
	0.08	0.0251	6.532	------	75319	------
	0.41	0.1367	6.781	------	410231	------
	0.04	0.0135	7.168	------	40522	------
	0.01	0.0049	7.369	------	14847	------
	0.11	0.0371	7.923	------	111331	------
	0.12	0.0405	8.177	------	121470	------
	0.15	0.0502	8.868	------	150626	------
	0.48	0.1610	9.259	------	483048	------
	0.22	0.0726	9.382	------	217870	------
AROCLOR1016	633.45	211.1506	9.850	0.000	6207594	------
	0.04	0.0150	10.227	------	44889	------
	0.13	0.0443	10.761	------	132923	------
	0.70	0.2327	11.038	------	698117	------
	0.65	0.2165	11.143	------	649628	------
	0.65	0.2162	11.346	------	648708	------
	0.48	0.1607	11.467	------	482210	------
	0.27	0.0914	11.618	------	274262	------
	0.25	0.0843	12.039	------	252984	------
	1.04	0.3461	12.501	------	1038212	------
	0.32	0.1069	12.676	------	320824	------
	0.38	0.1257	12.923	------	377065	------
	0.45	0.1505	13.029	------	451427	------
	0.22	0.0728	13.254	------	218525	------
	0.21	0.0695	13.368	------	208486	------
	0.16	0.0520	13.624	------	156081	------
	0.56	0.1855	13.906	------	556405	------
	1.75	0.5828	14.222	------	1748402	------
	1.89	0.6311	14.329	------	1893160	------
	0.75	0.2502	14.535	------	750630	------
	0.60	0.2012	14.648	------	603530	------
	1.36	0.4542	14.925	------	1362657	------
	0.05	0.0171	15.125	------	51222	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.21	0.0687	15.365	------	206207	------
	0.08	0.0276	15.715	------	82673	------
	0.23	0.0763	16.012	------	228796	------
	0.11	0.0354	16.167	------	106146	------
	0.16	0.0525	16.364	------	157591	------
	0.85	0.2834	17.204	------	850284	------
	0.17	0.0568	17.387	------	170496	------
	0.56	0.1871	18.390	------	561303	------
	0.20	0.0665	18.750	------	199539	------
	0.84	0.2807	18.969	------	842223	------
	0.67	0.2232	19.266	------	669489	------
	1.35	0.4490	19.570	------	1346868	------
	0.92	0.3074	19.793	------	922052	------
	2.22	0.7386	20.043	------	2215867	------
	1.19	0.3950	20.204	------	1185073	------
	0.77	0.2573	20.504	------	771861	------
	0.11	0.0367	20.702	------	109996	------
	0.29	0.0974	21.132	------	292109	------
	1.39	0.4626	21.873	------	1387891	------
	0.45	0.1512	22.075	------	453540	------
	0.91	0.3048	22.256	------	914447	------
AROCLOR1260	855.62	285.2052	22.513	0.000	10871737	------
	0.13	0.0418	22.793	------	125509	------
	0.18	0.0613	23.792	------	183787	------
	1.01	0.3350	24.273	------	1005131	------
	0.42	0.1396	24.480	------	418725	------
	0.07	0.0235	25.081	------	70597	------
	0.06	0.0212	25.512	------	63743	------
	0.17	0.0560	25.815	------	168136	------
	0.26	0.0862	26.415	------	258646	------
	0.38	0.1259	26.716	------	377615	------
	0.83	0.2766	26.904	------	829867	------
	0.01	0.0045	27.784	------	13381	------
	0.24	0.0809	28.923	------	242744	------
	0.05	0.0159	29.610	------	47818	------
	0.65	0.2157	30.714	------	647098	------
DCB	25.89	8.6288	31.024	0.021	935595	129.4
	0.19	0.0647	31.250	------	193992	------
	0.05	0.0156	31.710	------	46937	------
	0.05	0.0154	32.546	------	46309	------

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec

1016-PK1	672.41	224.1376	6.958	0.052	646440	------
1016-PK2	650.33	216.7760	8.446	0.056	1386936	------
016-PK3	597.18	199.0609	9.561	0.050	598090	------
1016-PK4	632.19	210.7317	9.850	0.066	2584519	------
1016-PK5	613.66	204.5529	10.499	0.061	991609	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	1117.56	372.5193	18.060	0.045	2953348	------
1260-PK1	707.12	235.7061	16.832	0.044	1138975	------
1260-PK2	707.24	235.7466	17.651	0.038	1903344	------
1260-PK4	828.24	276.0784	22.513	0.028	3204442	------
1260-PK5	883.20	294.3995	24.644	0.019	1671628	------

Capillary GC -

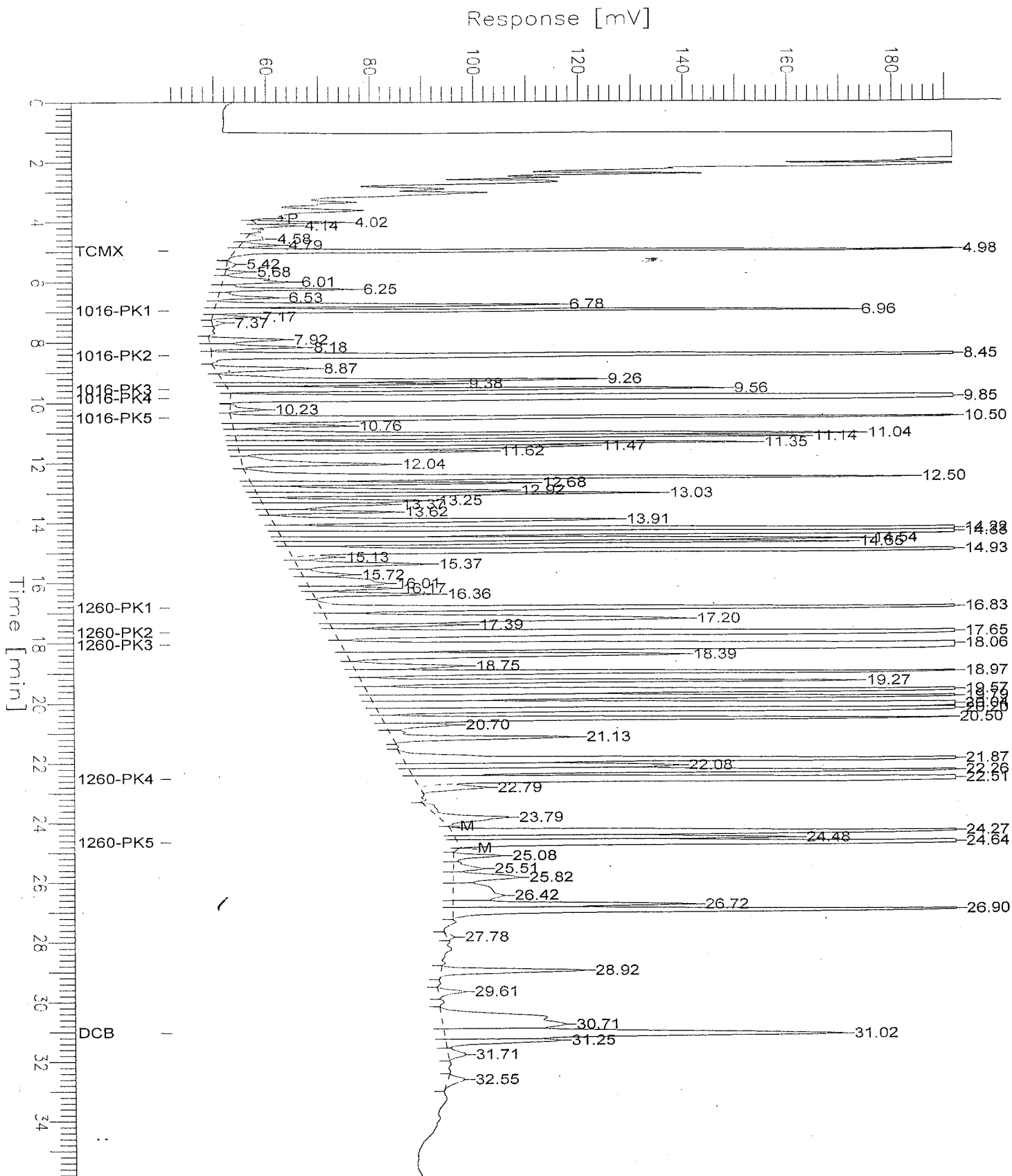
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\O07A020.TX1

Chromatogram

Sample Name : 216-1D
FileName : C:\TC4\DATA_9\007A020.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 41 mV

Sample #: DLNAX103 D Page 1 of 1
Date : 10/9/00 09:09 AM
Time of Injection: 10/8/00 05:16 AM
Low Point : 41.50 mV High Point : 191.50 mV
Plot Scale: 150.0 mV



001207

Software Version: 4.1<2F12>
Sample Name : 216-1D
Time : 10/9/00 08:59 AM
Sample Number: DLNAX103 D
Study : ICAL 10/07/00
perator :

Instrument : GC-09
Channel : A
A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991
Data Acquisition Time: 10/8/00 05:16 AM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\O07A020.RAW
Result File : C:\TC4\DATA_9\O07A020.RST
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\O07A020.RST
Proc Method : C:\TC4\DATA_9\PEST9AQC.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\O07.SEQ

Sample Volume : 1.0000 uL
Area Reject : 5000.000000
Sample Amount : 1.0000
Dilution Factor : 1.00

Noise Threshold: 50
Area Threshold : 5000
Bunch Factor: 1
Multiplier : 10.0000
Divisor : 30.0000
Addend : 0.0000
ser1 : 8080
User2 :
User3 :
User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 89

8082 QC - HP 9A - Column: DB608

STL - LOS ANGELES

Units: MG UG / KG L

Component Name	Final Result	Amount Spiked	Percent Recovery
TCMX	5.4740	6.6667	82.11
AROCLOR1016	211.1506	333.3333	63.35

Component Name	Final Result	Amount Spiked	Percent Recovery
AROCLOR1260	288.3214	333.3333	86.50
DCB	8.6288	6.6667	129.43

Group Report For : AROCLOR1016

Component Name	Final Result	Amount Spiked	Percent Recovery
1016-PK1	224.1376	333.3333	67.24
1016-PK2	216.7760	333.3333	65.03
1016-PK3	199.0609	333.3333	59.72
1016-PK4	210.7317	333.3333	63.22
1016-PK5	204.5529	333.3333	61.37

Group Report For : AROCLOR1260

Component Name	Final Result	Amount Spiked	Percent Recovery
1260-PK3	372.5193	333.3333	111.76
1260-PK1	235.7061	333.3333	70.71
1260-PK2	235.7466	333.3333	70.72
1260-PK4	276.0784	333.3333	82.82
1260-PK5	315.3199	333.3333	94.60

Report stored in ASCII file: C:\TC4\DATA_9\O07A020.TXO

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.07	0.0241	4.020	------	72194	------
	0.03	0.0100	4.141	------	30144	------
	0.03	0.0108	4.582	------	32415	------
	0.04	0.0149	4.790	------	44699	------
TCMX	16.42	5.4740	4.979	0.051	725253	82.1
	0.02	0.0054	5.420	------	16134	------
	0.02	0.0074	5.677	------	22293	------
	0.12	0.0402	6.011	------	120540	------
	0.14	0.0467	6.248	------	140146	------
	0.08	0.0251	6.532	------	75319	------
	0.41	0.1367	6.781	------	410231	------
	0.04	0.0135	7.168	------	40522	------
	0.01	0.0049	7.369	------	14847	------
	0.11	0.0371	7.923	------	111331	------
	0.12	0.0405	8.177	------	121470	------
	0.15	0.0502	8.868	------	150626	------
	0.48	0.1610	9.259	------	483048	------
	0.22	0.0726	9.382	------	217870	------
AROCLOR1016	633.45	211.1506	9.850	0.000	6207594	------
	0.04	0.0150	10.227	------	44889	------
	0.13	0.0443	10.761	------	132923	------
	0.70	0.2327	11.038	------	698117	------
	0.65	0.2165	11.143	------	649628	------
	0.65	0.2162	11.346	------	648708	------
	0.48	0.1607	11.467	------	482210	------
	0.27	0.0914	11.618	------	274262	------
	0.25	0.0843	12.039	------	252984	------
	1.04	0.3461	12.501	------	1038212	------
	0.32	0.1069	12.676	------	320824	------
	0.38	0.1257	12.923	------	377065	------
	0.45	0.1505	13.029	------	451427	------
	0.22	0.0728	13.254	------	218525	------
	0.21	0.0695	13.368	------	208486	------
	0.16	0.0520	13.624	------	156081	------
	0.56	0.1855	13.906	------	556405	------
	1.75	0.5828	14.222	------	1748402	------
	1.89	0.6311	14.329	------	1893160	------
	0.75	0.2502	14.535	------	750630	------
	0.60	0.2012	14.648	------	603530	------
	1.36	0.4542	14.925	------	1362657	------
	0.05	0.0171	15.125	------	51222	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.21	0.0687	15.365	------	206207	------
	0.08	0.0276	15.715	------	82673	------
	0.23	0.0763	16.012	------	228796	------
	0.11	0.0354	16.167	------	106146	------
	0.16	0.0525	16.364	------	157591	------
	0.85	0.2834	17.204	------	850284	------
	0.17	0.0568	17.387	------	170496	------
	0.56	0.1871	18.390	------	561303	------
	0.20	0.0665	18.750	------	199539	------
	0.84	0.2807	18.969	------	842223	------
	0.67	0.2232	19.266	------	669489	------
	1.35	0.4490	19.570	------	1346868	------
	0.92	0.3074	19.793	------	922052	------
	2.22	0.7386	20.043	------	2215867	------
	1.19	0.3950	20.204	------	1185073	------
	0.77	0.2573	20.504	------	771861	------
	0.11	0.0367	20.702	------	109996	------
	0.29	0.0974	21.132	------	292109	------
	1.39	0.4626	21.873	------	1387891	------
	0.45	0.1512	22.075	------	453540	------
	0.91	0.3048	22.256	------	914447	------
AROCLOR1260	864.96	288.3214	22.513	0.000	10990525	------
	0.13	0.0418	22.793	------	125509	------
	0.29	0.0960	23.792	------	288028	------
	1.08	0.3613	24.273	------	1083788	------
	0.46	0.1521	24.480	------	456255	------
	0.13	0.0449	25.081	------	134833	------
	0.12	0.0411	25.512	------	123336	------
	0.22	0.0726	25.815	------	217722	------
	0.31	0.1035	26.415	------	310445	------
	0.39	0.1297	26.716	------	389020	------
	0.84	0.2790	26.904	------	837050	------
	0.01	0.0045	27.784	------	13381	------
	0.24	0.0809	28.923	------	242744	------
	0.05	0.0159	29.610	------	47818	------
	0.65	0.2157	30.714	------	647098	------
DCB	25.89	8.6288	31.024	0.021	935595	129.4
	0.19	0.0647	31.250	------	193992	------
	0.05	0.0156	31.710	------	46937	------
	0.05	0.0154	32.546	------	46309	------

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec

1016-PK1	672.41	224.1376	6.958	0.052	646440	------
1016-PK2	650.33	216.7760	8.446	0.056	1386936	------
1016-PK3	597.18	199.0609	9.561	0.050	598090	------
1016-PK4	632.19	210.7317	9.850	0.066	2584519	------
1016-PK5	613.66	204.5529	10.499	0.061	991609	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	1117.56	372.5193	18.060	0.045	2953348	------
1260-PK1	707.12	235.7061	16.832	0.044	1138975	------
1260-PK2	707.24	235.7466	17.651	0.038	1903344	------
1260-PK4	828.24	276.0784	22.513	0.028	3204442	------
1260-PK5	945.96	315.3199	24.644	0.019	1790416	------

Capillary GC -

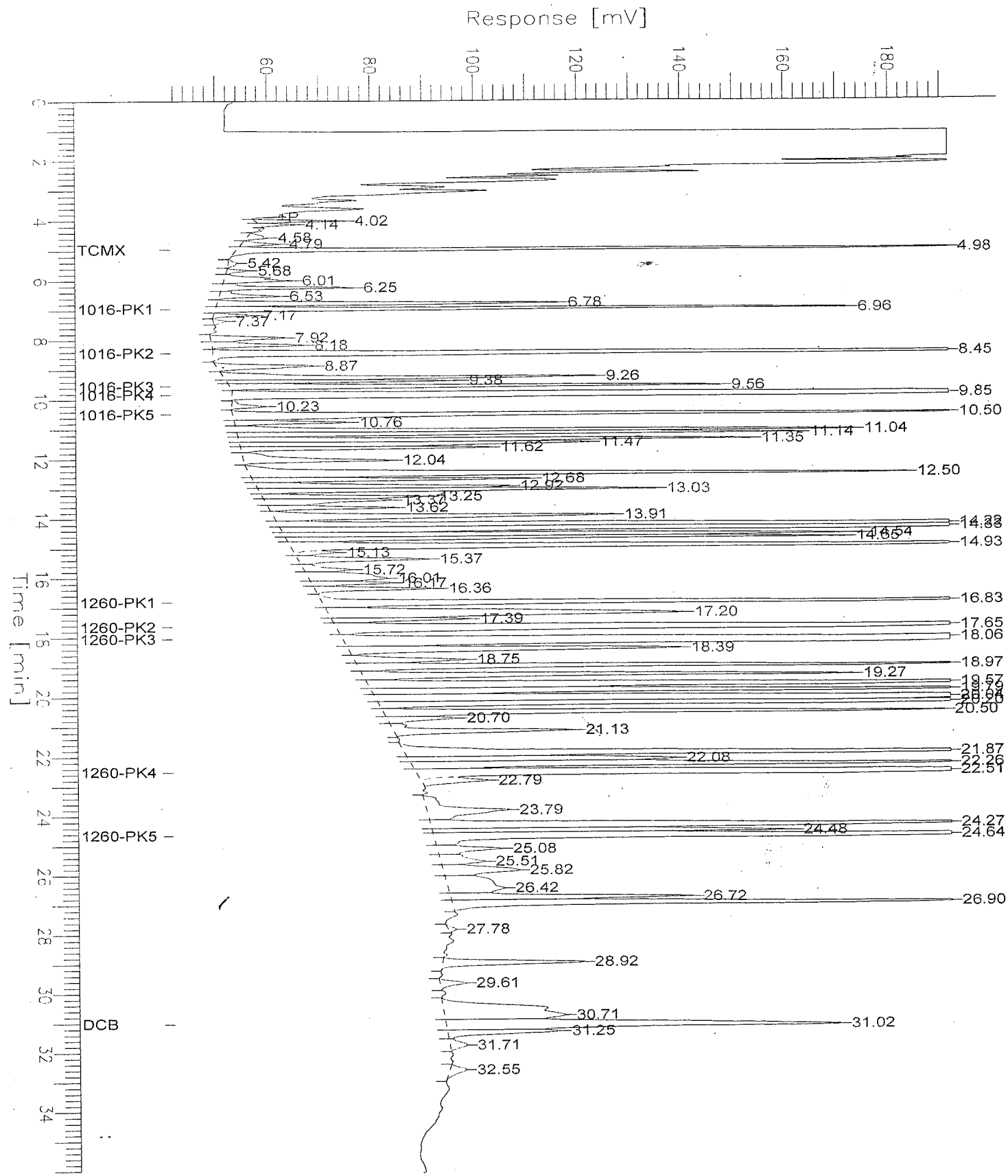
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\O07A020.TX1

Chromatogram

Sample Name : 216-1D
FileName : C:\TC4\DATA_9\007A020.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 41 mV

Sample #: DLNAX103 D Page 1 of 1
Date : 10/9/00 08:59 AM
Time of Injection: 10/8/00 05:16 AM
Low Point : 41.50 mV High Point : 191.50 mV
Plot Scale: 150.0 mV



001213

INITIAL CALIBRATION DATA

Date Analyzed: 10-7-00

Instrument ID: G9A

BOE-C6-0155879

Turbochrom Method File : C:\TC4\DATA_9\1660_9A.MTH <Modified>
Created by : VZW on : 10/12/98 10:28 AM
Edited by : manager on : 10/9/00 08:56 AM
Description :

Number of Times Edited : 92
Number of Times Calibrated : 830

1 CAL
10-7-00
ALL AVG CF
2nd SRC OK

Processing Parameters :
Bunch Factor : 1 points
Noise Threshold : 50 µV
Area Threshold : 5000.00 µV

Peak Separation Criteria
Width Ratio : 0.200
Valley-to-Peak Ratio : 0.010

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

Baseline Timed Events :
Event #1 - -P at 0.000
Event #2 - +P at 3.900

Annotated Replot Parameters :
Offset & Scale determined automatically
Scale Factor : 1.000000

Number of Pages : 1
Plot Title : Chromatogram
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Peak Crests
Component Labels : Actual Time
Start Time : 0.00
End Time : 36.00

Report Format files :
No report format files given

User Programs :
User Program #1 : C:\TC4\DATA_9\RST_READ.EXE
Command Line : $RST
Entry Point : Post Analysis
Synchronize : NO

Global Information :

Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : YES
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06

Component Information :

TCMX

Component Type : Single Peak Component
Retention Time : 4.928 min Search Window: 0.20 s, 1.50 %
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 25.000000
Value 2: 20.000000
Value 3: 20.000000
Value 4: 0.158000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	5.0000	212560.50	52917.33	----------	----------	1
2	10.0000	449036.00	111612.03	----------	----------	1
3	25.0000	1124399.50	275123.09	----------	----------	1
4	37.5000	1691784.00	406104.08	----------	----------	1
5	50.0000	2267502.50	540438.71	----------	----------	1
6	75.0000	3272240.00	768352.86	----------	----------	1
7	100.0000	4265968.00	962407.94	----------	----------	1

Average Calibration Factor = 44163.645238 (%RSD = 2.74)

1016-PK1

Component Type : Single Peak Component
Retention Time : 6.907 min Search Window: 0.20 s, 1.50 %
Reference Component: TCMX
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 1000.000000
Value 3: 0.000000
Value 4: 0.162000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	100.0000	102729.00	22095.73	----------	----------	1
2	200.0000	213605.00	44683.96	----------	----------	1
3	500.0000	499745.20	102471.04	----------	----------	1
4	750.0000	727660.00	146821.26	----------	----------	1
5	1000.0000	947361.80	190724.09	----------	----------	1
6	1500.0000	1325518.96	263272.68	----------	----------	1
7	2000.0000	1667124.72	329241.54	----------	----------	1

Average Calibration Factor = 961.374599 (%RSD = 8.47)

1016-PK2

Component Type : Single Peak Component
Retention Time : 8.390 min Search Window: 0.20 s, 1.50 %
Reference Component: TCMX
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 1000.000000
Value 3: 0.000000
Value 4: 0.162000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	100.0000	238892.73	40126.48	----------	----------	1
2	200.0000	484403.68	80357.17	----------	----------	1
3	500.0000	1105892.57	179952.69	----------	----------	1
4	750.0000	1590284.83	254715.00	----------	----------	1
5	1000.0000	2069903.47	325472.08	----------	----------	1
6	1500.0000	2873911.20	452457.85	----------	----------	1
7	2000.0000	3599485.16	559519.82	----------	----------	1

Average Calibration Factor = 2132.671073 (%RSD = 10.79)

1016-PK3
Component Type : Single Peak Component
Retention Time : 9.511 min Search Window: 0.20 s, 1.50 %
Reference Component: TCMX
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 1000.000000
Value 3: 0.000000
Value 4: 0.162000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	100.0000	93656.39	14906.28	----------	----------	1
2	200.0000	210979.56	32279.12	----------	----------	1
3	500.0000	513613.06	77853.84	----------	----------	1
4	750.0000	774537.50	112877.07	----------	----------	1
5	1000.0000	1040148.89	149346.43	----------	----------	1
6	1500.0000	1450806.62	211554.67	----------	----------	1
7	2000.0000	1903760.24	265976.91	----------	----------	1

Average Calibration Factor = 1001.519692 (%RSD = 4.79)

1016-PK4
Component Type : Single Peak Component
Retention Time : 9.784 min Search Window: 0.20 s, 1.50 %
Reference Component: TCMX
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 1000.000000
Value 3: 0.000000

Value 4: 0.162000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	100.0000	449368.00	57378.52	----------	----------	1
2	200.0000	912407.87	114220.90	----------	----------	1
3	500.0000	2099910.39	261061.89	----------	----------	1
4	750.0000	3046680.86	379016.31	----------	----------	1
5	1000.0000	3994201.30	490157.00	----------	----------	1
6	1500.0000	5626019.65	685775.28	----------	----------	1
7	2000.0000	7109021.40	864444.84	----------	----------	1

Average Calibration Factor = 4088.167581 (%RSD = 8.99)

AROCLOR1016

Component Type : Named Group

Group Members:

1016-PK1
1016-PK2
1016-PK3
1016-PK4
1016-PK5

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 500.000000
Value 2: 1000.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	100.0000	1052632.10	161277.05	----------	----------	1
2	200.0000	2163863.44	325666.80	----------	----------	1
3	500.0000	5046649.58	747055.10	----------	----------	1
4	750.0000	7356030.28	1.08e+06	----------	----------	1
5	1000.0000	9672077.71	1.39e+06	----------	----------	1
6	1500.0000	13583351.10	1.95e+06	----------	----------	1
7	2000.0000	17245571.47	2.45e+06	----------	----------	1

Average Calibration Factor = 9799.629807 (%RSD = 7.91)

1016-PK5

Component Type : Single Peak Component
Retention Time : 10.438 min Search Window: 0.20 s, 1.50 %
Reference Component: TCMX
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 1000.000000
Value 3: 0.000000
Value 4: 0.162000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	100.0000	167985.98	26770.05	----------	----------	1
2	200.0000	342467.33	54125.64	----------	----------	1
3	500.0000	827488.36	125715.65	----------	----------	1

4	750.0000	1216867.09	183555.59	----------	----------	1
5	1000.0000	1620462.25	238994.59	----------	----------	1
6	1500.0000	2307094.67	336623.51	----------	----------	1
7	2000.0000	2966179.95	426343.63	----------	----------	1

Average Calibration Factor = 1615.896861 (%RSD = 4.97)

1260-PK1

Component Type : Single Peak Component
Retention Time : 16.788 min Search Window: 0.20 s, 1.50 %
Reference Component: DCB
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 1000.000000
Value 3: 0.000000
Value 4: 0.213000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	100.0000	167546.50	24688.90	----------	----------	1
2	200.0000	332694.00	48514.89	----------	----------	1
3	500.0000	803310.00	114786.44	----------	----------	1
4	750.0000	1218546.56	169558.63	----------	----------	1
5	1000.0000	1638748.95	227987.19	----------	----------	1
6	1500.0000	2340603.01	328295.59	----------	----------	1
7	2000.0000	3011317.90	415876.55	----------	----------	1

Average Calibration Factor = 1610.727665 (%RSD = 3.72)

1260-PK2

Component Type : Single Peak Component
Retention Time : 17.613 min Search Window: 0.20 s, 1.50 %
Reference Component: DCB
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 1000.000000
Value 3: 0.000000
Value 4: 0.213000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	100.0000	305589.00	40718.56	----------	----------	1
2	200.0000	588970.00	78598.25	----------	----------	1
3	500.0000	1368505.50	178419.90	----------	----------	1
4	750.0000	1972359.50	252987.25	----------	----------	1
5	1000.0000	2626333.29	338261.53	----------	----------	1
6	1500.0000	3725413.30	473823.79	----------	----------	1
7	2000.0000	4722186.90	599016.61	----------	----------	1

Average Calibration Factor = 2691.228468 (%RSD = 9.10)

1260-PK3

Component Type : Single Peak Component
Retention Time : 18.015 min Search Window: 0.20 s, 1.50 %
Reference Component: DCB
Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 1000.000000
Value 3: 0.000000
Value 4: 0.213000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	100.0000	295594.13	46036.75	----------	----------	1
2	200.0000	578390.35	87367.19	----------	----------	1
3	500.0000	1353225.55	198596.02	----------	----------	1
4	750.0000	1950375.81	288484.53	----------	----------	1
5	1000.0000	2579346.43	383676.86	----------	----------	1
6	1500.0000	3663759.90	538969.02	----------	----------	1
7	2000.0000	4644117.37	689853.47	----------	----------	1

Average Calibration Factor = 2642.679561 (%RSD = 8.64)

AROCLOR1260
Component Type : Named Group
Group Members:
1260-PK3
1260-PK1
1260-PK2
1260-PK4
1260-PK5

Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 500.000000
Value 2: 1000.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	100.0000	1361640.69	199387.34	----------	----------	1
2	200.0000	2709534.49	390092.85	----------	----------	1
3	500.0000	6417216.73	910629.27	----------	----------	1
4	750.0000	9459691.06	1.33e+06	----------	----------	1
5	1000.0000	12649372.08	1.79e+06	----------	----------	1
6	1500.0000	18149626.95	2.56e+06	----------	----------	1
7	2000.0000	23167571.23	3.18e+06	----------	----------	1

Average Calibration Factor = 12706.334739 (%RSD = 5.74)

1260-PK4
Component Type : Single Peak Component
Retention Time : 22.485 min Search Window: 0.20 s, 1.50 %
Reference Component: DCB
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 1000.000000
Value 3: 0.000000

Value 4: 0.213000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	100.0000	410434.06	59906.65	----------	----------	1
2	200.0000	818141.02	117538.59	----------	----------	1
3	500.0000	1944836.55	281106.50	----------	----------	1
4	750.0000	2874914.89	408347.07	----------	----------	1
5	1000.0000	3872927.74	551769.31	----------	----------	1
6	1500.0000	5597976.40	806610.92	----------	----------	1
7	2000.0000	7120307.06	947002.20	----------	----------	1

Average Calibration Factor = 3869.000600 (%RSD = 4.95)

1260-PK5

Component Type : Single Peak Component
Retention Time : 24.625 min Search Window: 0.20 s, 1.50 %
Reference Component: DCB
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 1000.000000
Value 3: 0.000000
Value 4: 0.213000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	100.0000	182477.00	28036.48	----------	----------	1
2	200.0000	391339.12	58073.94	----------	----------	1
3	500.0000	947339.13	137720.41	----------	----------	1
4	750.0000	1443494.29	208859.63	----------	----------	1
5	1000.0000	1932015.67	285651.29	----------	----------	1
6	1500.0000	2821874.33	410460.82	----------	----------	1
7	2000.0000	3669642.00	532629.65	----------	----------	1

Average Calibration Factor = 1892.698445 (%RSD = 2.62)

DCB

Component Type : Single Peak Component
Retention Time : 31.002 min Search Window: 0.20 s, 2.00 %
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 25.000000
Value 2: 20.000000
Value 3: 20.000000
Value 4: 0.738000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	5.0000	189198.50	17756.01	----------	----------	1
2	10.0000	345540.90	33719.54	----------	----------	1
3	25.0000	924326.50	85329.63	----------	----------	1
4	37.5000	1377486.00	126216.88	----------	----------	1
5	50.0000	1848321.00	170463.85	----------	----------	1
6	75.0000	2658661.00	241855.43	----------	----------	1
7	100.0000	3447997.00	310562.77	----------	----------	1

Average Calibration Factor = 36142.144808 (%RSD = 3.64)

Software Version: 4.1<2F12>
Sample Name : AR1660 00-143, 2ND SRC Time : 10/9/00 09:01 AM
Sample Number: .5 PPM 2ND Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/7/00 09:59 PM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\007A009.RAW
Result File : C:\TC4\DATA_9\007A009.rst
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\007A009.rst
Proc Method : C:\TC4\DATA_9\PEST9AQC.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\007.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 65

Baseline OK 10-9-00

8082 STD CHECK - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High
TCMX	27.750	25	11.00	4.927	4.769	5.085
AROCLOR1016	536.412	500	7.28	9.781	9.781	9.781
AROCLOR1260	524.925	500	4.99	22.485	22.485	22.485
DCB	27.402	25	9.61	30.999	30.261	31.737

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High

Group Report For : AROCLOR1016

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High
1016-PK1	541.422	0	------	6.906	6.744	7.068
1016-PK2	536.071	0	------	8.390	8.228	8.552
1016-PK3	550.866	0	------	9.511	9.349	9.673
1016-PK4	531.387	0	------	9.781	9.619	9.943
1016-PK5	537.635	0	------	10.437	10.275	10.599

Group Report For : AROCLOR1260

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High
1260-PK3	517.545	0	------	18.014	17.801	18.227
1260-PK1	495.321	0	------	16.785	16.572	16.998
1260-PK2	511.394	0	------	17.611	17.398	17.824
1260-PK4	548.584	0	------	22.485	22.272	22.698
1260-PK5	531.301	0	------	24.621	24.408	24.834

Report stored in ASCII file: C:\TC4\DATA_9\007A009.TX0

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.01	0.0133	4.592	------	13346	------
TCMX	27.75	27.7504	4.927	-0.001	1225557	138.8
	0.06	0.0589	5.971	------	58880	------
	0.09	0.0896	6.196	------	89560	------
	0.12	0.1224	6.689	------	122360	------
	0.03	0.0265	7.119	------	26520	------
	0.01	0.0107	7.297	------	10698	------
	0.11	0.1136	8.129	------	113595	------
	0.14	0.1396	8.807	------	139592	------
	0.38	0.3841	9.199	------	384108	------
	0.22	0.2181	9.314	------	218113	------
AROCLOR1016	536.41	536.4117	9.781	0.000	5256636	------
	0.13	0.1303	10.704	------	130327	------
	0.67	0.6673	10.980	------	667342	------
	0.52	0.5216	11.078	------	521587	------
	0.55	0.5482	11.281	------	548225	------
	0.39	0.3939	11.403	------	393901	------
	0.24	0.2435	11.552	------	243487	------
	0.08	0.0794	11.989	------	79376	------
	0.82	0.8225	12.446	------	822517	------
	0.24	0.2435	12.619	------	243463	------
	0.53	0.5320	12.976	------	531963	------
	0.15	0.1453	13.195	------	145324	------
	0.07	0.0717	13.322	------	71664	------
	0.12	0.1245	13.562	------	124499	------
	0.22	0.2188	13.836	------	218782	------
	0.49	0.4860	14.195	------	486036	------
	0.51	0.5093	14.473	------	509315	------
	0.03	0.0280	15.066	------	27981	------
	0.03	0.0308	15.676	------	30783	------
	0.08	0.0772	16.314	------	77203	------
	0.45	0.4482	17.178	------	448183	------
	0.08	0.0782	18.392	------	78198	------
	0.01	0.0112	18.632	------	11194	------
	0.56	0.5561	18.933	------	556087	------
	0.01	0.0080	19.286	------	8028	------
	0.93	0.9339	19.545	------	933923	------
	0.56	0.5649	19.760	------	564862	------
	1.24	1.2363	20.005	------	1236286	------
	0.91	0.9107	20.173	------	910659	------
	0.50	0.4962	20.470	------	496185	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.21	0.2097	21.097	------	209676	------
	1.02	1.0175	21.847	------	1017539	------
	0.25	0.2510	22.062	------	250991	------
	0.62	0.6178	22.230	------	617818	------
AROCLOR1260	524.93	524.9253	22.485	0.000	6669876	------
	0.09	0.0873	22.762	------	87257	------
	0.11	0.1095	23.767	------	109471	------
	0.66	0.6579	24.245	------	657883	------
	0.31	0.3129	24.453	------	312895	------
	0.03	0.0303	25.051	------	30257	------
	0.02	0.0229	25.820	------	22930	------
	0.02	0.0178	26.397	------	17828	------
	0.21	0.2103	26.697	------	210292	------
	0.55	0.5495	26.879	------	549492	------
	0.14	0.1364	28.898	------	136379	------
DCB	27.40	27.4021	30.999	-0.004	990369	137.0

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	541.42	541.4221	6.906	-0.001	520509	------
1016-PK2	536.07	536.0707	8.390	-0.001	1143262	------
1016-PK3	550.87	550.8656	9.511	-0.001	551703	------
1016-PK4	531.39	531.3869	9.781	-0.003	2172399	------
1016-PK5	537.63	537.6348	10.437	-0.001	868762	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	517.55	517.5454	18.014	-0.001	1367707	------
1260-PK1	495.32	495.3215	16.785	-0.003	797828	------
1260-PK2	511.39	511.3936	17.611	-0.002	1376277	------
1260-PK4	548.58	548.5843	22.485	-0.000	2122473	------
1260-PK5	531.30	531.3007	24.621	-0.004	1005592	------

Capillary GC -

Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

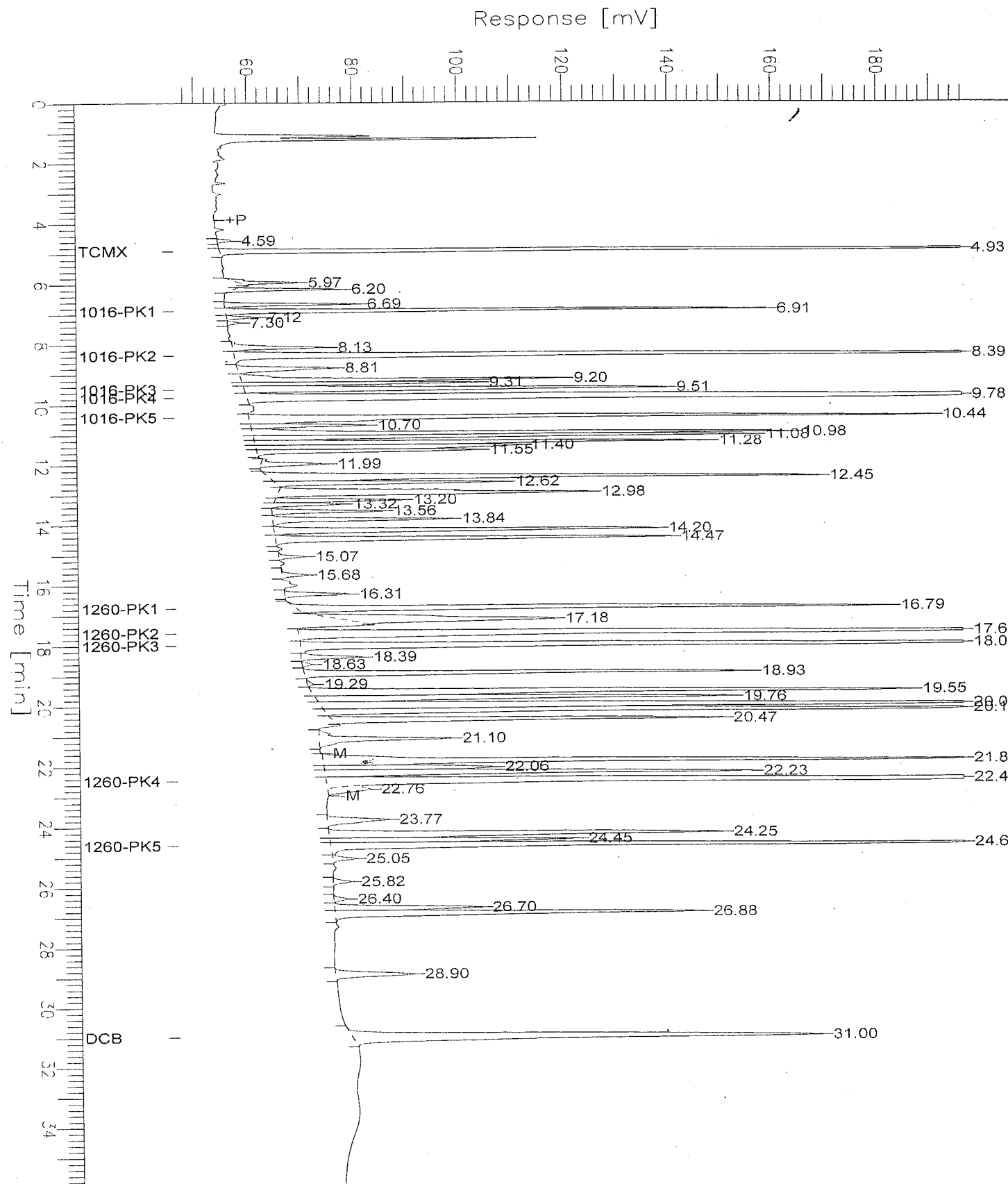
==========

Report stored in ASCII file: C:\TC4\DATA_9\O07A009.TX1

Chromatogram

Sample Name : AR1660 00-143, 2ND SRC
FileName : C:\TC4\DATA_9\007A009.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 46 mV

Sample #: .5 PPM 2ND
Date : 10/9/00 09:01 AM
Time of Injection: 10/7/00 09:59 PM
Low Point : 46.06 mV High Point : 196.07 mV
Plot Scale: 150.0 mV



001228

Software Version: 4.1<2F12>
Sample Name : AR1660 00-143, 2ND SRC Time : 10/9/00 08:57 AM
Sample Number: .5 PPM 2ND Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/7/00 09:59 PM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\007A009.RAW
Result File : C:\TC4\DATA_9\007A009.RST
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\007A009.RST
Proc Method : C:\TC4\DATA_9\PEST9AQC.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\007.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 65

8082 STD CHECK - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High
TCMX	27.750	25	11.00	4.927	4.769	5.085
AROCLOR1016	536.412	500	7.28	9.781	9.781	9.781
AROCLOR1260	517.605	500	3.52	22.485	22.485	22.485
DCB	27.402	25	9.61	30.999	30.261	31.737

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High

Group Report For : AROCLOR1016

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High
1016-PK1	541.422	0	------	6.906	6.744	7.068
1016-PK2	536.071	0	------	8.390	8.228	8.552
1016-PK3	550.866	0	------	9.511	9.349	9.673
1016-PK4	531.387	0	------	9.781	9.619	9.943
1016-PK5	537.635	0	------	10.437	10.275	10.599

Group Report For : AROCLOR1260

Component Name	Final Result	Std Level	Percent Diff.	Time [min]	RT Win Low	RT Win High
1260-PK3	517.545	0	------	18.014	17.801	18.227
1260-PK1	495.321	0	------	16.785	16.572	16.998
1260-PK2	511.394	0	------	17.611	17.398	17.824
1260-PK4	524.545	0	------	22.485	22.272	22.698
1260-PK5	531.301	0	------	24.621	24.408	24.834

Report stored in ASCII file: C:\TC4\DATA_9\O07A009.TXO

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.01	0.0133	4.592	------	13346	------
TCMX	27.75	27.7504	4.927	-0.001	1225557	138.8
	0.06	0.0589	5.971	------	58880	------
	0.09	0.0896	6.196	------	89560	------
	0.12	0.1224	6.689	------	122360	------
	0.03	0.0265	7.119	------	26520	------
	0.01	0.0107	7.297	------	10698	------
	0.11	0.1136	8.129	------	113595	------
	0.14	0.1396	8.807	------	139592	------
	0.38	0.3841	9.199	------	384108	------
	0.22	0.2181	9.314	------	218113	------
AROCLOR1016	536.41	536.4117	9.781	0.000	5256636	------
	0.13	0.1303	10.704	------	130327	------
	0.67	0.6673	10.980	------	667342	------
	0.52	0.5216	11.078	------	521587	------
	0.55	0.5482	11.281	------	548225	------
	0.39	0.3939	11.403	------	393901	------
	0.24	0.2435	11.552	------	243487	------
	0.08	0.0794	11.989	------	79376	------
	0.82	0.8225	12.446	------	822517	------
	0.24	0.2435	12.619	------	243463	------
	0.53	0.5320	12.976	------	531963	------
	0.15	0.1453	13.195	------	145324	------
	0.07	0.0717	13.322	------	71664	------
	0.12	0.1245	13.562	------	124499	------
	0.22	0.2188	13.836	------	218782	------
	0.49	0.4860	14.195	------	486036	------
	0.51	0.5093	14.473	------	509315	------
	0.03	0.0280	15.066	------	27981	------
	0.03	0.0308	15.676	------	30783	------
	0.08	0.0772	16.314	------	77203	------
	0.45	0.4482	17.178	------	448183	------
	0.08	0.0782	18.392	------	78198	------
	0.01	0.0112	18.632	------	11194	------
	0.56	0.5561	18.933	------	556087	------
	0.01	0.0080	19.286	------	8028	------
	0.93	0.9339	19.545	------	933923	------
	0.56	0.5649	19.760	------	564862	------
	1.24	1.2363	20.005	------	1236286	------
	0.91	0.9107	20.173	------	910659	------
	0.50	0.4962	20.470	------	496185	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.21	0.2097	21.097	------	209676	------
	0.98	0.9814	21.847	------	981442	------
	0.22	0.2165	22.062	------	216488	------
	0.54	0.5414	22.230	------	541418	------
AROCLOR1260	517.61	517.6054	22.485	0.000	6576867	------
	0.06	0.0587	22.762	------	58740	------
	0.11	0.1095	23.767	------	109471	------
	0.66	0.6579	24.245	------	657883	------
	0.31	0.3129	24.453	------	312895	------
	0.03	0.0303	25.051	------	30257	------
	0.02	0.0229	25.820	------	22930	------
	0.02	0.0178	26.397	------	17828	------
	0.21	0.2103	26.697	------	210292	------
	0.55	0.5495	26.879	------	549492	------
	0.14	0.1364	28.898	------	136379	------
DCB	27.40	27.4021	30.999	-0.004	990369	137.0

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	541.42	541.4221	6.906	-0.001	520509	------
1016-PK2	536.07	536.0707	8.390	-0.001	1143262	------
1016-PK3	550.87	550.8656	9.511	-0.001	551703	------
1016-PK4	531.39	531.3869	9.781	-0.003	2172399	------
1016-PK5	537.63	537.6348	10.437	-0.001	868762	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	517.55	517.5454	18.014	-0.001	1367707	------
1260-PK1	495.32	495.3215	16.785	-0.003	797828	------
1260-PK2	511.39	511.3936	17.611	-0.002	1376277	------
1260-PK4	524.54	524.5446	22.485	-0.000	2029463	------
1260-PK5	531.30	531.3007	24.621	-0.004	1005592	------

Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

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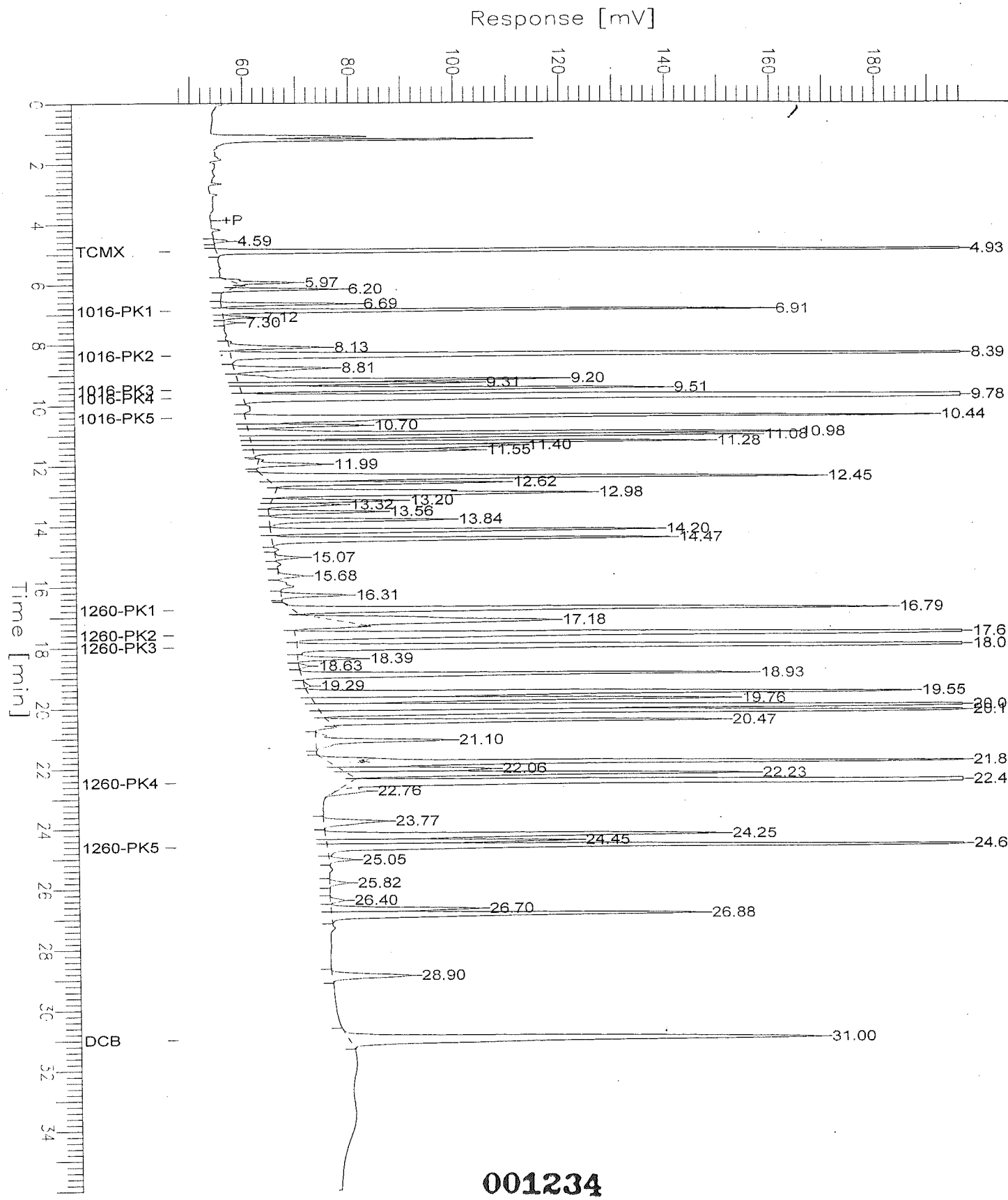
Report stored in ASCII file: C:\TC4\DATA_9\O07A009.TX1

Chromatogram

Sample Name : AR1660 00-143, 2ND SRC
FileName : C:\TC4\DATA_9\007A009.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 46 mV

Sample #: .5 PPM 2ND
Date : 10/9/00 08:57 AM
Time of Injection: 10/7/00 09:59 PM
Low Point : 46.06 mV High Point : 196.07 mV
Plot Scale: 150.0 mV



001234

Software Version: 4.1<2F12>
Date: 10/9/00 08:52 AM
Sample Name : AR1660 50UL-->1ML 00-99
Data File : C:\TC4\DATA_9\007A002.RAW Date: 10/7/00 05:21 PM
Sequence File: C:\TC4\DATA_9\007.SEQ Cycle: 2 Channel : A
Instrument : GC-09 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_9\1660_9A.mth
Calibration performed at level: 1
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
TCMX	4.928	5.00000	212560.500000	42512.100000	0.03	7	------	------	1	0
1016-PK1	6.907	100.00000	102729.000000	1027.290000	0.02	7	------	------	1	0
1016-PK2	8.390	100.00000	238892.734940	2388.927349	0.02	7	------	------	1	0
1016-PK3	9.511	100.00000	93656.385542	936.563855	0.02	7	------	------	1	0
AROCLOR1016	9.783	100.00000	1052632.104353	10526.321044	------	1	------	------	1	0
1016-PK4	9.784	100.00000	449368.000000	4493.680000	0.02	7	------	------	1	0
1016-PK5	10.438	100.00000	167985.983871	1679.859839	0.02	7	------	------	1	0
1260-PK1	16.788	100.00000	167546.500000	1675.465000	0.01	7	------	------	1	0
1260-PK2	17.613	100.00000	305589.000000	3055.890000	0.01	7	------	------	1	0
1260-PK3	18.015	100.00000	295594.128205	2955.941282	0.01	7	------	------	1	0
1260-PK4	22.485	100.00000	410434.058511	4104.340585	0.02	7	------	------	1	0
AROCLOR1260	22.492	100.00000	1361640.686716	13616.406867	------	1	------	------	1	0
1260-PK5	24.625	100.00000	182477.000000	1824.770000	0.01	7	------	------	1	0
DCB	31.002	5.00000	189198.500000	37839.700000	0.01	7	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
- 0 = Insufficient data for outlier test (<3 replicates)
- 1 = Significant outlier (failed at 99.9% 2nd pass)
- 2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
- 3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
- 4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
- 5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
TCMX	0.000000	44163.645238	----------	----------	--------	9
1016-PK1	0.000000	961.374599	----------	----------	--------	9
1016-PK2	0.000000	2132.671073	----------	----------	--------	9
1016-PK3	0.000000	1001.519692	----------	----------	--------	9
AROCLOR1016	0.000000	9799.629807	----------	----------	--------	9
1016-PK4	0.000000	4088.167581	----------	----------	--------	9
1016-PK5	0.000000	1615.896861	----------	----------	--------	9
1260-PK1	0.000000	1610.727665	----------	----------	--------	9
1260-PK2	0.000000	2691.228468	----------	----------	--------	9
1260-PK3	0.000000	2642.679561	----------	----------	--------	9
1260-PK4	0.000000	3754.593445	----------	----------	--------	9
AROCLOR1260	0.000000	12591.927584	----------	----------	--------	9
1260-PK5	0.000000	1892.698445	----------	----------	--------	9
DCB	0.000000	45557.484228	----------	----------	--------	9

Calibration Status Explanations:

1 = Component not calibrated: Rejected based on user criteria
2 = Component not calibrated: Was not found in peak/group list
3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : AR1660 50UL-->1ML 00-99 Time : 10/9/00 08:52 AM
Sample Number: .1 PPM Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/7/00 05:21 PM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\O07A002.RAW
Result File : C:\TC4\DATA_9\O07A002.rst
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\O07A002.rst
Proc Method : C:\TC4\DATA_9\PEST9A.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\O07.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 56

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
TCMX	4.81	4.8130	4.928	-0.001	212560	24.1
	0.01	0.0147	6.196	------	14670	------
	0.02	0.0209	6.688	------	20946	------
	0.02	0.0172	8.130	------	17219	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.02	0.0237	8.812	------	23655	------
	0.06	0.0619	9.199	------	61926	------
	0.03	0.0346	9.315	------	34562	------
AROCLOR1016	107.42	107.4155	9.783	0.000	1052632	------
	0.02	0.0172	10.705	------	17238	------
	0.11	0.1105	10.982	------	110475	------
	0.11	0.1064	11.085	------	106372	------
	0.05	0.0534	11.282	------	53383	------
	0.01	0.0133	11.991	------	13292	------
	0.16	0.1618	12.447	------	161822	------
	0.06	0.0552	12.621	------	55212	------
	0.10	0.0972	12.974	------	97163	------
	0.02	0.0165	13.197	------	16542	------
	0.02	0.0205	13.563	------	20517	------
	0.04	0.0419	13.838	------	41912	------
	0.11	0.1082	14.197	------	108220	------
	0.12	0.1161	14.476	------	116097	------
	0.01	0.0069	15.687	------	6850	------
	0.02	0.0171	16.316	------	17105	------
	0.09	0.0894	17.180	------	89368	------
	0.01	0.0146	18.396	------	14603	------
	0.11	0.1139	18.935	------	113893	------
	0.18	0.1764	19.549	------	176351	------
	0.11	0.1120	19.763	------	112039	------
	0.28	0.2762	20.013	------	276190	------
	0.17	0.1728	20.178	------	172790	------
	0.09	0.0884	20.473	------	88437	------
	0.01	0.0110	20.936	------	11044	------
	0.02	0.0150	21.107	------	15022	------
	0.21	0.2102	21.850	------	210190	------
	0.07	0.0663	22.054	------	66318	------
	0.12	0.1172	22.234	------	117188	------
AROCLOR1260	108.14	108.1360	22.492	0.000	1361641	------
	0.02	0.0168	22.767	------	16830	------
	0.12	0.1168	24.256	------	116782	------
	0.04	0.0444	24.456	------	44387	------
	0.21	0.2100	25.045	------	210025	------
	0.04	0.0421	25.811	------	42114	------
	0.21	0.2130	26.712	------	212959	------
	0.26	0.2581	26.882	------	258120	------
	0.07	0.0683	27.860	------	68296	------
	0.02	0.0152	28.914	------	15151	------
DCB	4.15	4.1530	31.010	0.008	189198	20.8
	0.15	0.1546	31.759	------	154552	------

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	106.86	106.8564	6.907	-0.000	102729	------
1016-PK2	112.02	112.0157	8.389	-0.001	238893	------
1016-PK3	93.51	93.5143	9.511	-0.001	93656	------
1016-PK4	109.92	109.9192	9.783	-0.002	449368	------
1016-PK5	103.96	103.9584	10.437	-0.001	167986	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	111.85	111.8539	18.017	0.002	295594	------
1260-PK1	104.02	104.0191	16.790	0.001	167546	------
1260-PK2	113.55	113.5500	17.614	0.001	305589	------
1260-PK4	109.32	109.3152	22.492	0.007	410434	------
1260-PK5	96.41	96.4110	24.628	0.003	182477	------

Capillary GC -

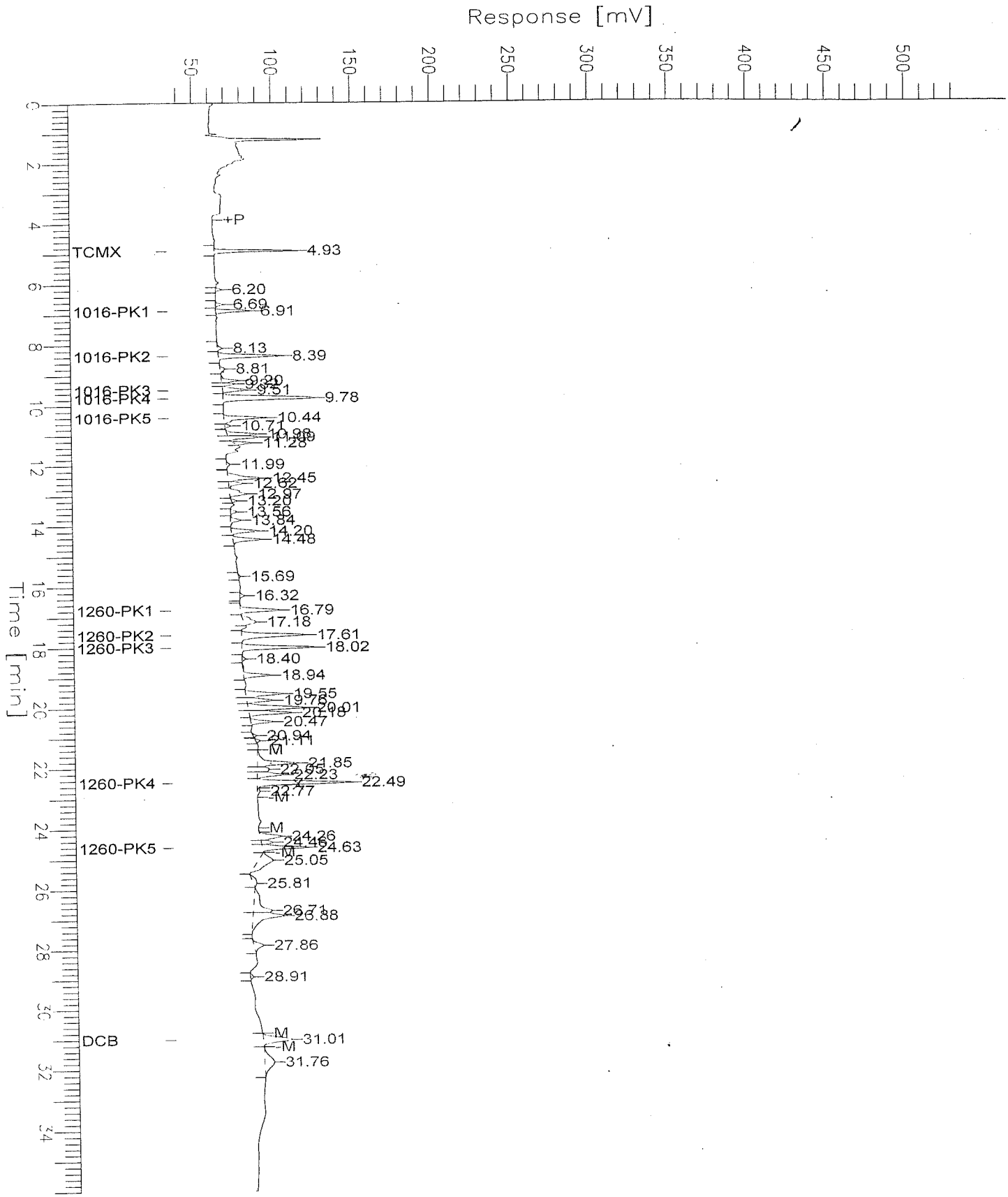
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\O07A002.TX0

Chromatogram

Sample Name : AR1660 50UL-->1ML 00-99
FileName : C:\TC4\DATA_9\007A002.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 34 mV

Sample #: .1 PPM
Date : 10/9/00 08:52 AM
Time of Injection: 10/7/00 05:21 PM
Low Point : 33.92 mV High Point : 533.92 mV
Plot Scale: 500.0 mV



001240

Software Version: 4.1<2F12>
Date: 10/9/00 08:52 AM
Sample Name : AR1660 100UL-->1ML 00-99
Data File : C:\TC4\DATA_9\007A003.RAW Date: 10/7/00 06:01 PM
Sequence File: C:\TC4\DATA_9\007.SEQ Cycle: 3 Channel : A
Instrument : GC-09 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_9\1660_9A.mth
Calibration performed at level: 2
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
TCMX	4.928	10.00000	449036.000000	44903.600000	0.03	7	------	------	1	0
1016-PK1	6.907	200.00000	213605.000000	1068.025000	0.02	7	------	------	1	0
1016-PK2	8.390	200.00000	484403.682540	2422.018413	0.02	7	------	------	1	0
1016-PK3	9.511	200.00000	210979.555556	1054.897778	0.02	7	------	------	1	0
1016-PK4	9.784	200.00000	912407.873016	4562.039365	0.02	7	------	------	1	0
AROCLOR1016	9.785	200.00000	2163863.444444	10819.317222	------	1	------	------	1	0
1016-PK5	10.438	200.00000	342467.333333	1712.336667	0.02	7	------	------	1	0
1260-PK1	16.788	200.00000	332694.000000	1663.470000	0.01	7	------	------	1	0
1260-PK2	17.613	200.00000	588970.000000	2944.850000	0.01	7	------	------	1	0
1260-PK3	18.015	200.00000	578390.350000	2891.951750	0.01	7	------	------	1	0
1260-PK4	22.485	200.00000	818141.022222	4090.705111	0.02	7	------	------	1	0
AROCLOR1260	22.487	200.00000	2709534.489869	13547.672449	------	1	------	------	1	0
1260-PK5	24.625	200.00000	391339.117647	1956.695588	0.01	7	------	------	1	0
DCB	31.002	10.00000	345540.903226	34554.090323	0.01	7	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
- 0 = Insufficient data for outlier test (<3 replicates)
- 1 = Significant outlier (failed at 99.9% 2nd pass)
- 2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
- 3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
- 4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
- 5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
TCMX	0.000000	44163.645238	----------	----------	--------	9
1016-PK1	0.000000	961.374599	----------	----------	--------	9
1016-PK2	0.000000	2132.671073	----------	----------	--------	9
1016-PK3	0.000000	1001.519692	----------	----------	--------	9
1016-PK4	0.000000	4088.167581	----------	----------	--------	9
AROCLOR1016	0.000000	9799.629807	----------	----------	--------	9
1016-PK5	0.000000	1615.896861	----------	----------	--------	9
1260-PK1	0.000000	1610.727665	----------	----------	--------	9
1260-PK2	0.000000	2691.228468	----------	----------	--------	9
1260-PK3	0.000000	2642.679561	----------	----------	--------	9
1260-PK4	0.000000	3793.777785	----------	----------	--------	9
AROCLOR1260	0.000000	12631.111924	----------	----------	--------	9
1260-PK5	0.000000	1892.698445	----------	----------	--------	9
DCB	0.000000	36142.144808	----------	----------	--------	9

Calibration Status Explanations:

1 = Component not calibrated: Rejected based on user criteria
2 = Component not calibrated: Was not found in peak/group list
3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : AR1660 100UL-->1ML 00-99 Time : 10/9/00 08:52 AM
Sample Number: .2 PPM Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/7/00 06:01 PM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\007A003.RAW
Result File : C:\TC4\DATA_9\007A003.rst
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\007A003.rst
Proc Method : C:\TC4\DATA_9\PEST9A.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\007.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 58

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
TCMX	10.17	10.1675	4.929	0.001	449036	50.8
	0.02	0.0207	5.972	------	20690	------
	0.03	0.0328	6.198	------	32796	------
	0.05	0.0458	6.690	------	45754	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.04	0.0392	8.131	------	39177	------
	0.05	0.0511	8.810	------	51126	------
	0.14	0.1398	9.201	------	139758	------
	0.09	0.0867	9.316	------	86708	------
AROCLOR1016	220.81	220.8107	9.785	0.000	2163863	------
	0.04	0.0394	10.707	------	39425	------
	0.23	0.2319	10.983	------	231853	------
	0.20	0.1986	11.083	------	198575	------
	0.12	0.1201	11.284	------	120141	------
	0.03	0.0289	11.555	------	28940	------
	0.03	0.0305	11.992	------	30512	------
	0.33	0.3259	12.448	------	325890	------
	0.09	0.0948	12.622	------	94840	------
	0.20	0.1953	12.977	------	195276	------
	0.04	0.0360	13.197	------	36031	------
	0.05	0.0460	13.565	------	46034	------
	0.08	0.0822	13.837	------	82178	------
	0.22	0.2206	14.197	------	220589	------
	0.23	0.2328	14.477	------	232835	------
	0.01	0.0103	15.069	------	10326	------
	0.01	0.0131	15.680	------	13131	------
	0.04	0.0369	16.317	------	36940	------
	0.17	0.1713	17.182	------	171277	------
	0.03	0.0314	18.395	------	31447	------
	0.22	0.2208	18.934	------	220784	------
	0.38	0.3778	19.547	------	377824	------
	0.23	0.2342	19.762	------	234155	------
	0.54	0.5381	20.010	------	538087	------
	0.33	0.3332	20.175	------	333230	------
	0.18	0.1798	20.472	------	179802	------
	0.02	0.0174	20.933	------	17410	------
	0.07	0.0658	21.102	------	65775	------
	0.36	0.3590	21.848	------	358950	------
	0.10	0.1008	22.053	------	100783	------
	0.23	0.2342	22.232	------	234231	------
AROCLOR1260	214.51	214.5127	22.487	0.000	2709534	------
	0.05	0.0496	22.765	------	49626	------
	0.03	0.0298	23.771	------	29758	------
	0.23	0.2295	24.250	------	229542	------
	0.09	0.0937	24.457	------	93732	------
	0.02	0.0160	25.054	------	16047	------
	0.07	0.0692	26.701	------	69153	------
	0.18	0.1836	26.881	------	183560	------
	0.03	0.0268	27.871	------	26764	------
	0.05	0.0508	28.903	------	50843	------
DCB	9.56	9.5606	31.004	0.001	345541	47.8

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	222.19	222.1871	6.909	0.001	213605	------
1016-PK2	227.13	227.1347	8.391	0.001	484404	------
1016-PK3	210.66	210.6594	9.513	0.002	210980	------
1016-PK4	223.18	223.1826	9.785	0.001	912408	------
1016-PK5	211.94	211.9364	10.439	0.001	342467	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	218.87	218.8651	18.016	0.001	578390	------
1260-PK1	206.55	206.5489	16.789	0.001	332694	------
1260-PK2	218.85	218.8480	17.614	0.001	588970	------
1260-PK4	215.65	215.6534	22.487	0.001	818141	------
1260-PK5	206.76	206.7625	24.624	-0.000	391339	------

Capillary GC -

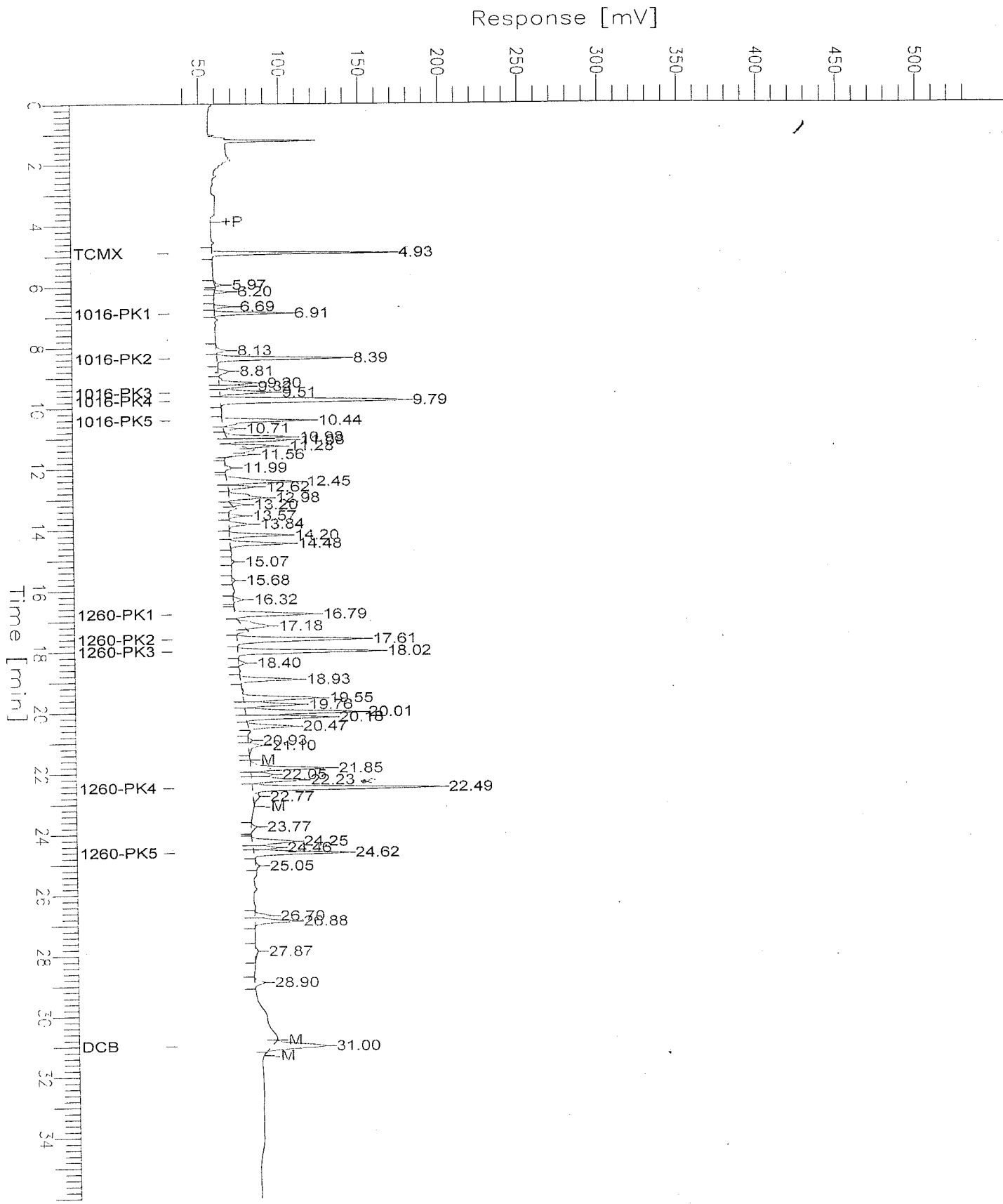
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\O07A003.TX0

Chromatogram

Sample Name : AR1660 100UL-->1ML 00-99
FileName : C:\TC4\DATA_9\007A003.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 31 mV

Sample #: .2 PPM
Date : 10/9/00 08:52 AM
Time of Injection: 10/7/00 06:01 PM
Low Point : 30.81 mV High Point : 530.81 mV
Plot Scale: 500.0 mV



001246

BOE-C6-0155911

Software Version: 4.1<2F12>
Date: 10/9/00 08:39 AM
Sample Name : AR1660 250UL-->1ML 00-99
Data File : C:\TC4\DATA_9\007A004.RAW Date: 10/7/00 06:40 PM
Sequence File: C:\TC4\DATA_9\007.SEQ Cycle: 4 Channel : A
Instrument : GC-09 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_9\1660_9A.mth
Calibration performed at level: 3
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
TCMX	4.929	25.00000	1124399.500000	44975.980000	0.03	3	------	------	1	0
1016-PK1	6.908	500.00000	499745.197368	999.490395	0.02	3	------	------	1	0
1016-PK2	8.391	500.00000	1105892.565217	2211.785130	0.02	3	------	------	1	0
1016-PK3	9.512	500.00000	513613.063291	1027.226127	0.01	3	------	------	1	0
1016-PK4	9.784	500.00000	2099910.392405	4199.820785	0.02	3	------	------	1	0
AROCLOR1016	9.786	500.00000	5046649.581918	10093.299164	------	1	------	------	1	0
1016-PK5	10.439	500.00000	827488.363636	1654.976727	0.01	3	------	------	1	0
1260-PK1	16.789	500.00000	803310.000000	1606.620000	0.01	3	------	------	1	0
1260-PK2	17.614	500.00000	1368505.500000	2737.011000	0.00	3	------	------	1	0
1260-PK3	18.016	500.00000	1353225.550000	2706.451100	0.01	3	------	------	1	0
AROCLOR1260	22.487	500.00000	6417216.727322	12834.433455	------	1	------	------	1	0
1260-PK4	22.489	500.00000	1944836.550562	3889.673101	0.01	3	------	------	1	0
1260-PK5	24.625	500.00000	947339.126761	1894.678254	0.01	3	------	------	1	0
DCB	31.006	25.00000	924326.500000	36973.060000	0.01	3	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
- 0 = Insufficient data for outlier test (<3 replicates)
- 1 = Significant outlier (failed at 99.9% 2nd pass)
- 2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
- 3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
- 4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
- 5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
TCMX	0.000000	38739.507143	----------	----------	--------	9
1016-PK1	0.000000	472.423392	----------	----------	--------	9
1016-PK2	0.000000	1836.522121	----------	----------	--------	9
1016-PK3	0.000000	2112.839874	----------	----------	--------	9
1016-PK4	0.000000	2029.916221	----------	----------	--------	9
AROCLOR1016	0.000000	8718.926380	----------	----------	--------	9
1016-PK5	0.000000	1002.740416	----------	----------	--------	9
1260-PK1	0.000000	1610.727665	----------	----------	--------	9
1260-PK2	0.000000	2691.228468	----------	----------	--------	9
1260-PK3	0.000000	2642.679561	----------	----------	--------	9
AROCLOR1260	0.000000	11857.470685	----------	----------	--------	9
1260-PK4	0.000000	3722.589076	----------	----------	--------	9
1260-PK5	0.000000	1190.245915	----------	----------	--------	9
DCB	0.000000	50525.875225	----------	----------	--------	9

Calibration Status Explanations:

1 = Component not calibrated: Rejected based on user criteria
2 = Component not calibrated: Was not found in peak/group list
3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : AR1660 250UL-->1ML 00-99 Time : 10/9/00 08:39 AM
Sample Number: .5 PPM Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/7/00 06:40 PM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\007A004.RAW
Result File : C:\TC4\DATA_9\007A004.RST
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\007A004.RST
Proc Method : C:\TC4\DATA_9\PEST9A.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\007.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 66

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.01	0.0127	4.582	------	12685	------
TCMX	29.02	29.0246	4.930	0.002	1124400	145.1
	0.05	0.0538	5.973	------	53765	------
	0.08	0.0834	6.199	------	83378	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.11	0.1149	6.691	------	114909	------
	0.02	0.0235	7.122	------	23465	------
	0.01	0.0090	7.301	------	8976	------
	0.10	0.1029	8.133	------	102870	------
	0.13	0.1279	8.811	------	127882	------
	0.35	0.3488	9.201	------	348752	------
	0.22	0.2161	9.317	------	216126	------
AROCLOR1016	578.82	578.8155	9.786	0.000	5046650	------
	0.12	0.1200	10.707	------	119958	------
	0.62	0.6241	10.983	------	624118	------
	0.52	0.5167	11.081	------	516653	------
	0.51	0.5140	11.283	------	514030	------
	0.37	0.3699	11.405	------	369927	------
	0.23	0.2316	11.555	------	231600	------
	0.08	0.0804	11.990	------	80442	------
	0.78	0.7803	12.448	------	780264	------
	0.23	0.2324	12.621	------	232399	------
	0.50	0.4999	12.975	------	499857	------
	0.13	0.1344	13.196	------	134374	------
	0.07	0.0675	13.324	------	67531	------
	0.12	0.1160	13.564	------	115960	------
	0.20	0.2027	13.837	------	202657	------
	0.53	0.5280	14.196	------	527972	------
	0.56	0.5566	14.475	------	556631	------
	0.03	0.0255	15.068	------	25460	------
	0.04	0.0365	15.677	------	36472	------
	0.03	0.0296	16.025	------	29578	------
	0.10	0.1003	16.316	------	100253	------
	0.42	0.4170	17.177	------	416994	------
	0.08	0.0832	18.394	------	83154	------
	0.01	0.0124	18.639	------	12450	------
	0.57	0.5672	18.933	------	567154	------
	0.01	0.0084	19.295	------	8356	------
	0.90	0.8997	19.546	------	899708	------
	0.59	0.5947	19.759	------	594732	------
	1.32	1.3167	20.007	------	1316678	------
	0.80	0.7962	20.175	------	796233	------
	0.45	0.4528	20.470	------	452785	------
	0.17	0.1704	21.100	------	170406	------
	0.91	0.9088	21.847	------	908849	------
	0.26	0.2622	22.054	------	262247	------
	0.58	0.5753	22.231	------	575275	------
AROCLOR1260	541.20	541.1961	22.487	0.000	6417217	------
	0.08	0.0790	22.770	------	78962	------
	0.08	0.0783	23.768	------	78322	------
	0.55	0.5523	24.249	------	552334	------
	0.23	0.2303	24.455	------	230295	------
	0.03	0.0307	25.053	------	30749	------
	0.03	0.0303	25.820	------	30304	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.01	0.0121	26.396	------	12069	------
	0.16	0.1568	26.700	------	156816	------
	0.42	0.4226	26.882	------	422587	------
	0.13	0.1309	28.906	------	130929	------
DCB	18.29	18.2941	31.004	-0.003	924326	91.5

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	1057.83	1057.8333	6.909	0.001	499745	------
1016-PK2	602.17	602.1668	8.392	0.002	1105893	------
1016-PK3	243.09	243.0913	9.513	0.001	513613	------
1016-PK4	1034.48	1034.4813	9.786	0.002	2099910	------
1016-PK5	825.23	825.2269	10.440	0.001	827488	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	512.07	512.0657	18.015	-0.002	1353226	------
1260-PK1	498.72	498.7249	16.788	-0.001	803310	------
1260-PK2	508.51	508.5059	17.613	-0.001	1368506	------
1260-PK4	522.44	522.4419	22.487	-0.002	1944837	------
1260-PK5	795.92	795.9188	24.624	-0.002	947339	------

Capillary GC -

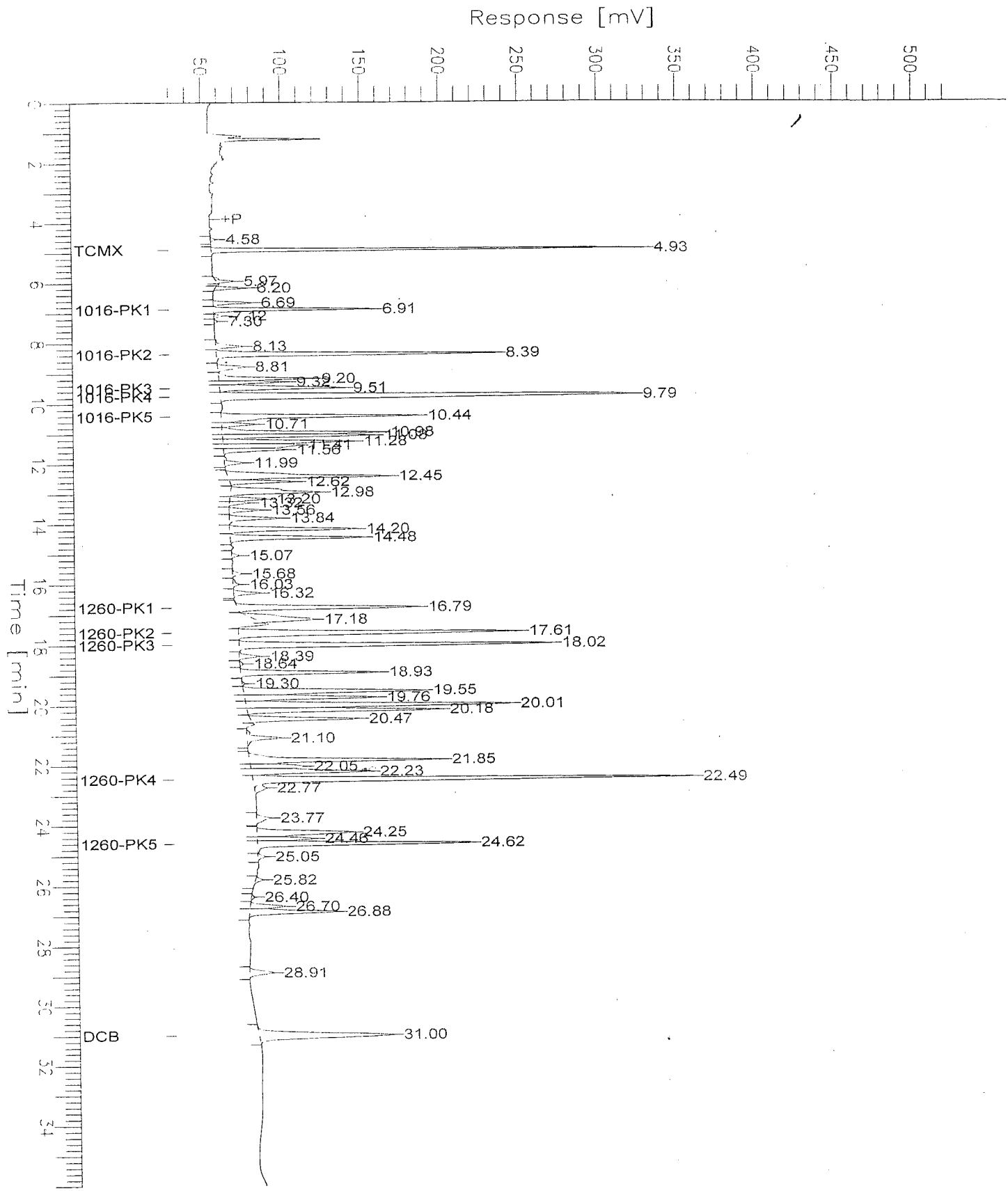
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\O07A004.TXO

Chromatogram

Sample Name : AR1660 250UL-->1ML 00-99
FileName : C:\TC4\DATA_9\007A004.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 30 mV

Sample #: .5 PPM
Date : 10/9/00 08:39 AM
Time of Injection: 10/7/00 06:40 PM
Low Point : 29.51 mV High Point : 529.51 mV
Plot Scale: 500.0 mV



001253

Software Version: 4.1<2F12>
Date: 10/9/00 08:52 AM
Sample Name : AR1660 375UL-->1ML 00-99
Data File : C:\TC4\DATA_9\007A005.RAW Date: 10/7/00 07:20 PM
Sequence File: C:\TC4\DATA_9\007.SEQ Cycle: 5 Channel : A
Instrument : GC-09 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

==========

Updating method : C:\TC4\DATA_9\1660_9A.mth
Calibration performed at level: 4
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

==========

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
TCMX	4.928	37.50000	1691784.000000	45114.240000	0.03	7	------	------	1	0
1016-PK1	6.907	750.00000	727660.000000	970.213333	0.02	7	------	------	1	0
1016-PK2	8.390	750.00000	1590284.826087	2120.379768	0.02	7	------	------	1	0
1016-PK3	9.511	750.00000	774537.500000	1032.716667	0.02	7	------	------	1	0
AROCLOR1016	9.782	750.00000	7356030.279496	9808.040373	------	1	------	------	1	0
1016-PK4	9.784	750.00000	3046680.862500	4062.241150	0.02	7	------	------	1	0
1016-PK5	10.438	750.00000	1216867.090909	1622.489455	0.02	7	------	------	1	0
1260-PK1	16.788	750.00000	1218546.561404	1624.728749	0.01	7	------	------	1	0
1260-PK2	17.613	750.00000	1972359.500000	2629.812667	0.01	7	------	------	1	0
1260-PK3	18.015	750.00000	1950375.812500	2600.501083	0.01	7	------	------	1	0
1260-PK4	22.485	750.00000	2874914.894118	3833.219859	0.02	7	------	------	1	0
AROCLOR1260	22.486	750.00000	9459691.055150	12612.921407	------	1	------	------	1	0
1260-PK5	24.625	750.00000	1443494.287129	1924.659050	0.01	7	------	------	1	0
DCB	31.002	37.50000	1377486.000000	36732.960000	0.01	7	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:

0 = Insufficient data for outlier test (<3 replicates)
1 = Significant outlier (failed at 99.9% 2nd pass)
2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
TCMX	0.000000	44163.645238	----------	----------	--------	9
1016-PK1	0.000000	961.374599	----------	----------	--------	9
1016-PK2	0.000000	2132.671073	----------	----------	--------	9
1016-PK3	0.000000	1001.519692	----------	----------	--------	9
AROCLOR1016	0.000000	9799.629807	----------	----------	--------	9
1016-PK4	0.000000	4088.167581	----------	----------	--------	9
1016-PK5	0.000000	1615.896861	----------	----------	--------	9
1260-PK1	0.000000	1610.727665	----------	----------	--------	9
1260-PK2	0.000000	2691.228468	----------	----------	--------	9
1260-PK3	0.000000	2642.679561	----------	----------	--------	9
1260-PK4	0.000000	3817.571670	----------	----------	--------	9
AROCLOR1260	0.000000	12654.905809	----------	----------	--------	9
1260-PK5	0.000000	1892.698445	----------	----------	--------	9
DCB	0.000000	36142.144808	----------	----------	--------	9

Calibration Status Explanations:

1 = Component not calibrated: Rejected based on user criteria
2 = Component not calibrated: Was not found in peak/group list
3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : AR1660 375UL-->1ML 00-99 Time : 10/9/00 08:52 AM
Sample Number: .75 PPM Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/7/00 07:20 PM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\O07A005.RAW
Result File : C:\TC4\DATA_9\O07A005.rst
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\O07A005.rst
Proc Method : C:\TC4\DATA_9\PEST9A.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\O07.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 69

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.01	0.0090	4.218	------	9048	------
	0.02	0.0151	4.592	------	15051	------
TCMX	38.31	38.3072	4.926	-0.002	1691784	191.5
	0.08	0.0818	5.969	------	81773	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.13	0.1282	6.195	------	128232	------
	0.17	0.1739	6.687	------	173947	------
	0.04	0.0391	7.117	------	39096	------
	0.01	0.0131	7.294	------	13080	------
	0.16	0.1571	8.128	------	157058	------
	0.19	0.1929	8.804	------	192861	------
	0.54	0.5385	9.197	------	538459	------
	0.30	0.3033	9.313	------	303276	------
AROCLOR1016	750.64	750.6437	9.782	0.000	7356030	------
	0.18	0.1795	10.703	------	179459	------
	0.95	0.9505	10.979	------	950485	------
	0.72	0.7220	11.077	------	721958	------
	0.77	0.7655	11.280	------	765496	------
	0.55	0.5472	11.402	------	547179	------
	0.34	0.3359	11.551	------	335923	------
	0.12	0.1246	11.988	------	124557	------
	1.15	1.1511	12.444	------	1151117	------
	0.34	0.3415	12.618	------	341501	------
	0.75	0.7531	12.972	------	753093	------
	0.21	0.2085	13.193	------	208546	------
	0.10	0.1006	13.322	------	100646	------
	0.18	0.1755	13.561	------	175547	------
	0.31	0.3055	13.835	------	305463	------
	0.77	0.7723	14.193	------	772296	------
	0.81	0.8129	14.473	------	812868	------
	0.01	0.0119	14.797	------	11857	------
	0.04	0.0407	15.065	------	40687	------
	0.06	0.0577	15.675	------	57708	------
	0.05	0.0454	16.023	------	45446	------
	0.15	0.1548	16.314	------	154838	------
	0.92	0.9187	17.176	------	918702	------
	0.15	0.1458	17.336	------	145829	------
	0.13	0.1268	18.393	------	126823	------
	0.02	0.0186	18.637	------	18576	------
	0.85	0.8484	18.933	------	848354	------
	0.01	0.0115	19.295	------	11460	------
	1.31	1.3088	19.541	------	1308806	------
	0.88	0.8770	19.761	------	876996	------
	1.93	1.9292	20.007	------	1929166	------
	1.15	1.1453	20.173	------	1145277	------
	0.67	0.6668	20.470	------	666846	------
	0.26	0.2643	21.099	------	264272	------
	1.34	1.3419	21.846	------	1341879	------
	0.40	0.3987	22.055	------	398690	------
	0.86	0.8591	22.230	------	859135	------
AROCLOR1260	747.51	747.5118	22.486	0.000	9459691	------
	0.12	0.1229	22.769	------	122946	------
	0.13	0.1312	23.769	------	131239	------
	0.85	0.8510	24.248	------	850994	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.36	0.3554	24.456	------	355370	------
	0.05	0.0532	25.053	------	53174	------
	0.05	0.0472	25.823	------	47160	------
	0.02	0.0226	26.401	------	22637	------
	0.26	0.2599	26.699	------	259887	------
	0.68	0.6836	26.880	------	683553	------
	0.22	0.2202	28.903	------	220221	------
DCB	38.11	38.1130	30.999	-0.003	1377486	190.6

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	756.90	756.8954	6.905	-0.002	727660	------
1016-PK2	745.68	745.6775	8.388	-0.003	1590285	------
1016-PK3	773.36	773.3622	9.509	-0.002	774538	------
1016-PK4	745.24	745.2436	9.782	-0.003	3046681	------
1016-PK5	753.06	753.0599	10.435	-0.003	1216867	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	738.03	738.0296	18.013	-0.002	1950376	------
1260-PK1	756.52	756.5193	16.786	-0.002	1218547	------
1260-PK2	732.88	732.8845	17.611	-0.002	1972359	------
1260-PK4	753.07	753.0742	22.486	0.000	2874915	------
1260-PK5	762.66	762.6647	24.625	0.001	1443494	------

Capillary GC -

Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C

Detector Temp : 320C
Injection Vol : 1 ul per column

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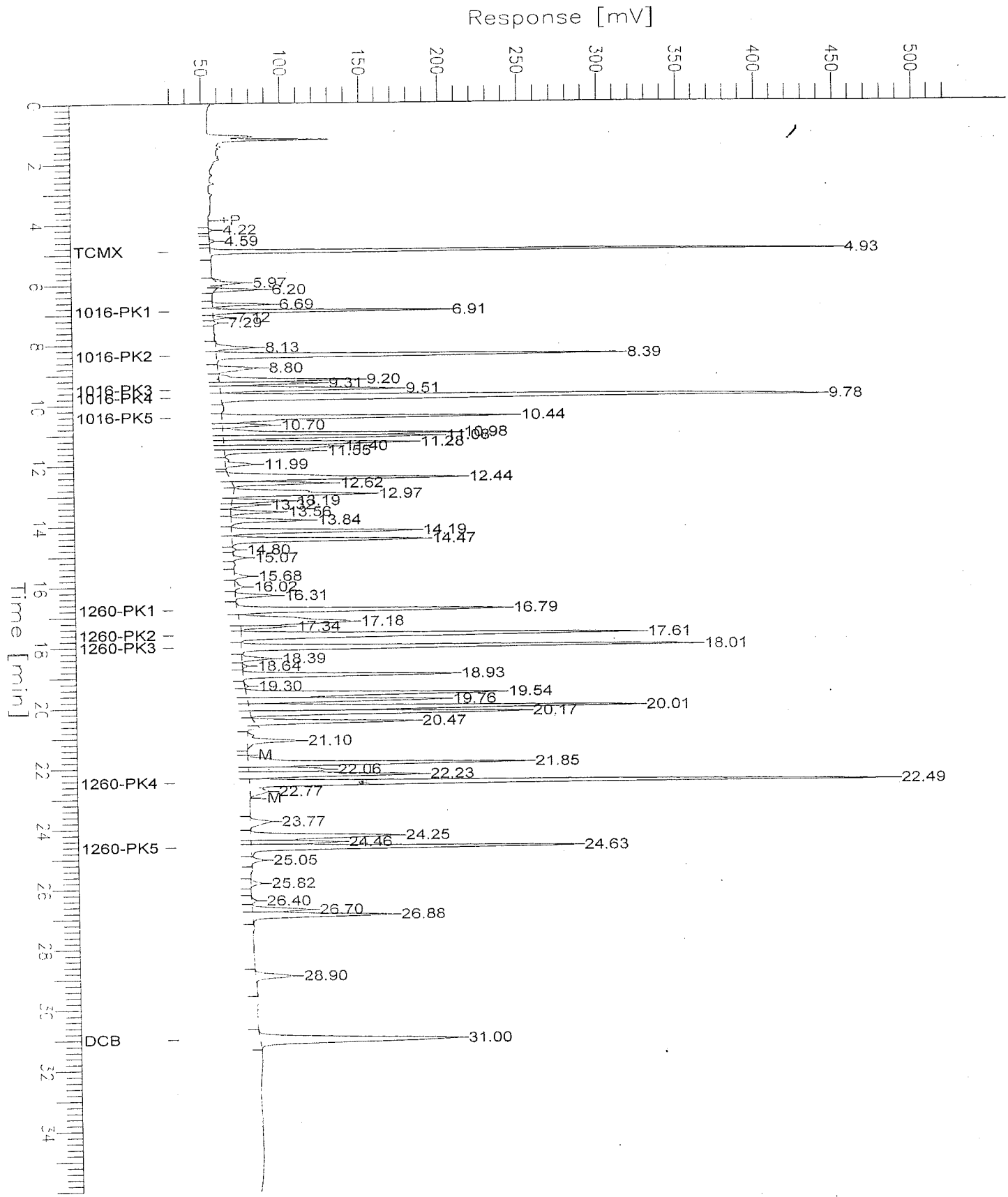
Report stored in ASCII file: C:\TC4\DATA_9\O07A005.TX0

Chromatogram

Sample Name : AR1660 375UL-->1ML 00-99
FileName : C:\TC4\DATA_9\007A005.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 29 mV

Sample #: .75 PPM
Date : 10/9/00 08:52 AM
Time of Injection: 10/7/00 07:20 PM
Low Point : 28.82 mV High Point : 528.82 mV
Plot Scale: 500.0 mV



Software Version: 4.1<2F12>
Date: 10/9/00 08:52 AM
Sample Name : AR1660 500UL-->1ML 00-99
Data File : C:\TC4\DATA_9\007A006.RAW Date: 10/7/00 08:00 PM
Sequence File: C:\TC4\DATA_9\007.SEQ Cycle: 6 Channel : A
Instrument : GC-09 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_9\1660_9A.mth
Calibration performed at level: 5
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
TCMX	4.928	50.00000	2267502.500000	45350.050000	0.03	7	------	------	1	0
1016-PK1	6.907	1000.00000	947361.800000	947.361800	0.02	7	------	------	1	0
1016-PK2	8.390	1000.00000	2069903.469388	2069.903469	0.02	7	------	------	1	0
1016-PK3	9.511	1000.00000	1040148.886076	1040.148886	0.02	7	------	------	1	0
1016-PK4	9.784	1000.00000	3994201.303797	3994.201304	0.02	7	------	------	1	0
AROCLOR1016	9.784	1000.00000	9672077.712135	9672.077712	------	1	------	------	1	0
1016-PK5	10.438	1000.00000	1620462.252874	1620.462253	0.02	7	------	------	1	0
1260-PK1	16.788	1000.00000	1638748.950617	1638.748951	0.01	7	------	------	1	0
1260-PK2	17.613	1000.00000	2626333.290123	2626.333290	0.01	7	------	------	1	0
1260-PK3	18.015	1000.00000	2579346.426829	2579.346427	0.01	7	------	------	1	0
1260-PK4	22.485	1000.00000	3872927.744186	3872.927744	0.02	7	------	------	1	0
AROCLOR1260	22.486	1000.00000	1.26493721e+07	12649.372078	------	1	------	------	1	0
1260-PK5	24.625	1000.00000	1932015.666667	1932.015667	0.01	7	------	------	1	0
DCB	31.002	50.00000	1848321.000000	36966.420000	0.01	7	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
- 0 = Insufficient data for outlier test (<3 replicates)
- 1 = Significant outlier (failed at 99.9% 2nd pass)
- 2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
- 3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
- 4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
- 5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
TCMX	0.000000	44163.645238	----------	----------	--------	9
1016-PK1	0.000000	961.374599	----------	----------	--------	9
1016-PK2	0.000000	2132.671073	----------	----------	--------	9
1016-PK3	0.000000	1001.519692	----------	----------	--------	9
1016-PK4	0.000000	4088.167581	----------	----------	--------	9
AROCLOR1016	0.000000	9799.629807	----------	----------	--------	9
1016-PK5	0.000000	1615.896861	----------	----------	--------	9
1260-PK1	0.000000	1610.727665	----------	----------	--------	9
1260-PK2	0.000000	2691.228468	----------	----------	--------	9
1260-PK3	0.000000	2642.679561	----------	----------	--------	9
1260-PK4	0.000000	3843.632276	----------	----------	--------	9
AROCLOR1260	0.000000	12680.966415	----------	----------	--------	9
1260-PK5	0.000000	1892.698445	----------	----------	--------	9
DCB	0.000000	36142.144808	----------	----------	--------	9

Calibration Status Explanations:

1 = Component not calibrated: Rejected based on user criteria
2 = Component not calibrated: Was not found in peak/group list
3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : AR1660 500UL-->1ML 00-99 Time : 10/9/00 08:52 AM
Sample Number: 1 PPM Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/7/00 08:00 PM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\007A006.RAW
Result File : C:\TC4\DATA_9\007A006.rst
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\007A006.rst
Proc Method : C:\TC4\DATA_9\PEST9A.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\007.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 69

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.01	0.0126	4.221	------	12594	------
	0.02	0.0163	4.595	------	16298	------
TCMX	51.34	51.3432	4.929	0.001	2267502	256.7
	0.11	0.1094	5.972	------	109361	------

BOE-C6-0155929

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.48	0.4831	24.453	------	483131	------
	0.07	0.0695	25.050	------	69525	------
	0.07	0.0673	25.821	------	67336	------
	0.03	0.0300	26.396	------	29997	------
	0.36	0.3592	26.696	------	359186	------
	0.92	0.9203	26.879	------	920308	------
	0.29	0.2939	28.899	------	293893	------
DCB	51.14	51.1403	30.997	-0.005	1848321	255.7

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	985.42	985.4242	6.907	0.000	947362	------
1016-PK2	970.57	970.5685	8.391	0.001	2069903	------
1016-PK3	1038.57	1038.5706	9.511	5e-05	1040149	------
1016-PK4	977.02	977.0151	9.784	6e-05	3994201	------
1016-PK5	1002.83	1002.8253	10.439	0.001	1620462	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	976.03	976.0345	18.015	-0.000	2579346	------
1260-PK1	1017.40	1017.3967	16.789	0.001	1638749	------
1260-PK2	975.89	975.8864	17.613	0.000	2626333	------
1260-PK4	1007.62	1007.6218	22.486	0.001	3872928	------
1260-PK5	1020.77	1020.7731	24.622	-0.002	1932016	------

Capillary GC -

Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C

Detector Temp : 320C
Injection Vol : 1 ul per column

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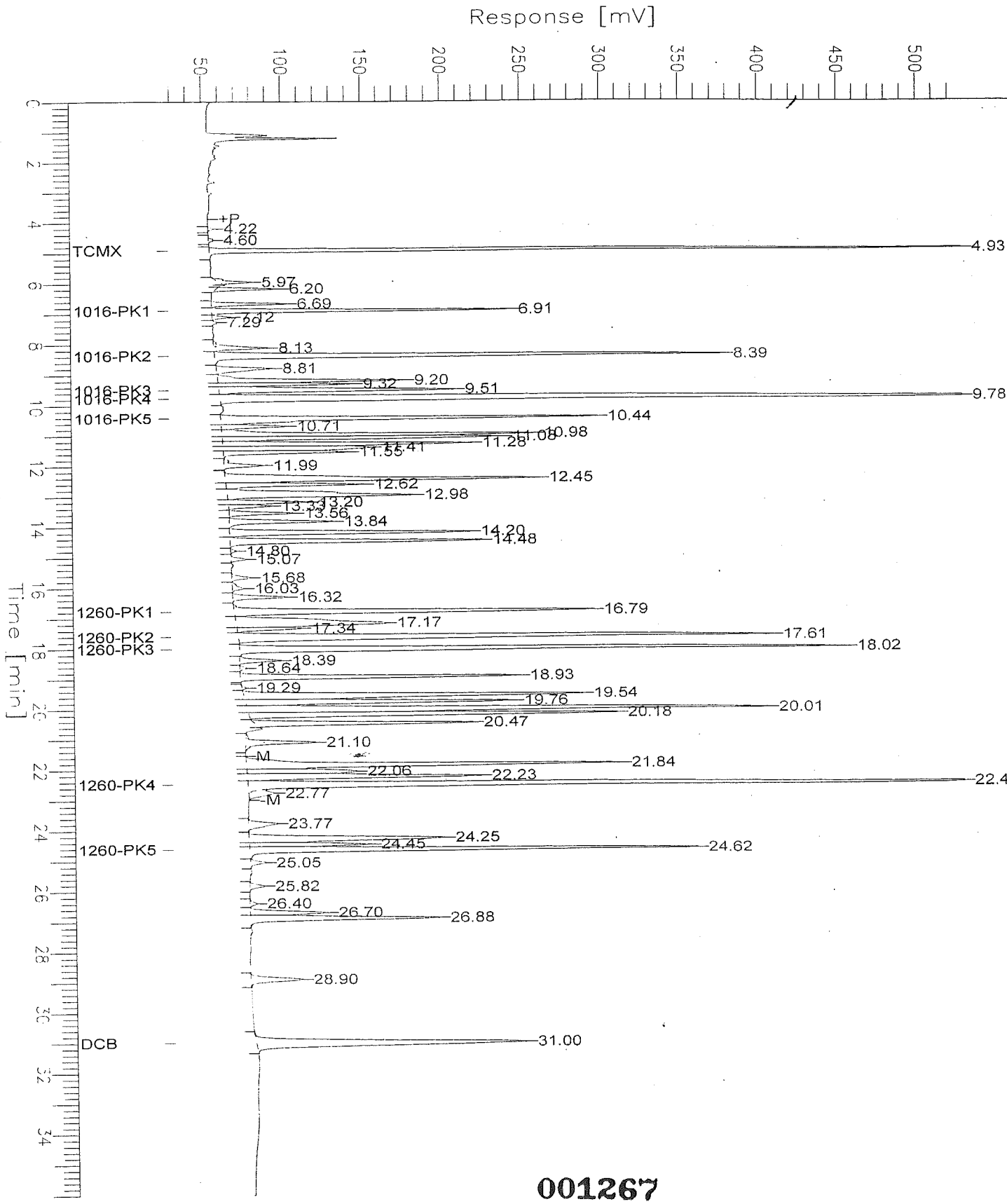
Report stored in ASCII file: C:\TC4\DATA_9\O07A006.TX0

Chromatogram

Sample Name : AR1660 500UL-->1ML 00-99
FileName : C:\TC4\DATA_9\007A006.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 28 mV

Sample #: 1 PPM
Date : 10/9/00 08:52 AM
Time of Injection: 10/7/00 08:00 PM
Low Point : 28.50 mV High Point : 528.50 mV
Plot Scale: 500.0 mV



001267

Software Version: 4.1<2F12>
Date: 10/9/00 08:53 AM
Sample Name : AR1660 750UL-->1ML 00-99
Data File : C:\TC4\DATA_9\007A007.RAW Date: 10/7/00 08:40 PM
Sequence File: C:\TC4\DATA_9\007.SEQ Cycle: 7 Channel : A
Instrument : GC-09 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_9\1660_9A.mth
Calibration performed at level: 6
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
TCMX	4.928	75.00000	3272240.000000	43629.866667	0.03	7	------	------	1	0
1016-PK1	6.907	1500.00000	1325518.961538	883.679308	0.02	7	------	------	1	0
1016-PK2	8.390	1500.00000	2873911.204082	1915.940803	0.02	7	------	------	1	0
1016-PK3	9.511	1500.00000	1450806.620253	967.204414	0.02	7	------	------	1	0
1016-PK4	9.784	1500.00000	5626019.645570	3750.679764	0.02	7	------	------	1	0
AROCLOR1016	9.788	1500.00000	1.35833511e+07	9055.567399	------	1	------	------	1	0
1016-PK5	10.438	1500.00000	2307094.666667	1538.063111	0.02	7	------	------	1	0
1260-PK1	16.788	1500.00000	2340603.012346	1560.402008	0.01	7	------	------	1	0
1260-PK2	17.613	1500.00000	3725413.302469	2483.608868	0.01	7	------	------	1	0
1260-PK3	18.015	1500.00000	3663759.902439	2442.506602	0.01	7	------	------	1	0
AROCLOR1260	22.485	1500.00000	1.81496270e+07	12099.751300	------	1	------	------	1	0
1260-PK4	22.485	1500.00000	5597976.400000	3731.984267	0.02	7	------	------	1	0
1260-PK5	24.625	1500.00000	2821874.333333	1881.249556	0.01	7	------	------	1	0
DCB	31.002	75.00000	2658661.000000	35448.813333	0.01	7	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
- 0 = Insufficient data for outlier test (<3 replicates)
- 1 = Significant outlier (failed at 99.9% 2nd pass)
- 2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
- 3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
- 4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
- 5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
TCMX	0.000000	44163.645238	----------	----------	--------	9
1016-PK1	0.000000	961.374599	----------	----------	--------	9
1016-PK2	0.000000	2132.671073	----------	----------	--------	9
1016-PK3	0.000000	1001.519692	----------	----------	--------	9
1016-PK4	0.000000	4088.167581	----------	----------	--------	9
AROCLOR1016	0.000000	9799.629807	----------	----------	--------	9
1016-PK5	0.000000	1615.896861	----------	----------	--------	9
1260-PK1	0.000000	1610.727665	----------	----------	--------	9
1260-PK2	0.000000	2691.228468	----------	----------	--------	9
1260-PK3	0.000000	2642.679561	----------	----------	--------	9
AROCLOR1260	0.000000	12706.334739	----------	----------	--------	9
1260-PK4	0.000000	3869.000600	----------	----------	--------	9
1260-PK5	0.000000	1892.698445	----------	----------	--------	9
DCB	0.000000	36142.144808	----------	----------	--------	9

Calibration Status Explanations:

1 = Component not calibrated: Rejected based on user criteria
2 = Component not calibrated: Was not found in peak/group list
3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : AR1660 750UL-->1ML 00-99 Time : 10/9/00 08:53 AM
Sample Number: 1.5 PPM Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/7/00 08:40 PM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\O07A007.RAW
Result File : C:\TC4\DATA_9\O07A007.rst
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\O07A007.rst
Proc Method : C:\TC4\DATA_9\PEST9A.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\O07.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 68

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.02	0.0188	4.220	------	18823	------
TCMX	74.09	74.0935	4.929	0.001	3272240	370.5
	0.15	0.1537	5.972	------	153678	------
	0.26	0.2556	6.198	------	255607	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.34	0.3352	6.691	------	335237	------
	0.08	0.0765	7.122	------	76469	------
	0.33	0.3288	8.132	------	328843	------
	0.38	0.3790	8.806	------	378989	------
	1.04	1.0379	9.202	------	1037858	------
	0.63	0.6337	9.316	------	633679	------
AROCLOR1016	1386.11	1386.1086	9.788	0.000	13583351	------
	0.36	0.3567	10.706	------	356715	------
	1.78	1.7814	10.983	------	1781388	------
	1.36	1.3614	11.079	------	1361386	------
	1.54	1.5416	11.283	------	1541593	------
	0.94	0.9428	11.406	------	942815	------
	0.67	0.6726	11.554	------	672570	------
	0.25	0.2509	11.992	------	250881	------
	2.24	2.2394	12.448	------	2239369	------
	0.76	0.7595	12.621	------	759519	------
	1.63	1.6307	12.977	------	1630679	------
	0.45	0.4533	13.198	------	453254	------
	0.22	0.2239	13.327	------	223887	------
	0.35	0.3534	13.564	------	353368	------
	0.61	0.6104	13.837	------	610404	------
	1.46	1.4644	14.194	------	1464396	------
	1.53	1.5347	14.475	------	1534740	------
	0.03	0.0275	14.800	------	27477	------
	0.09	0.0901	15.069	------	90139	------
	0.01	0.0130	15.284	------	13036	------
	0.13	0.1261	15.676	------	126109	------
	0.09	0.0909	16.025	------	90870	------
	0.32	0.3232	16.317	------	323231	------
	1.81	1.8129	17.174	------	1812915	------
	0.32	0.3196	17.338	------	319603	------
	0.25	0.2530	18.396	------	252978	------
	0.04	0.0398	18.639	------	39839	------
	1.71	1.7142	18.934	------	1714200	------
	0.02	0.0224	19.296	------	22370	------
	2.51	2.5091	19.544	------	2509122	------
	1.74	1.7361	19.761	------	1736140	------
	3.75	3.7496	20.007	------	3749566	------
	2.20	2.1950	20.174	------	2195043	------
	1.32	1.3187	20.472	------	1318719	------
	0.48	0.4774	21.100	------	477404	------
	2.63	2.6252	21.847	------	2625205	------
	0.81	0.8106	22.051	------	810641	------
	1.69	1.6852	22.230	------	1685250	------
AROCLOR1260	1428.39	1428.3920	22.485	0.000	18149627	------
	0.25	0.2465	22.769	------	246509	------
	0.26	0.2627	23.771	------	262720	------
	1.67	1.6694	24.250	------	1669360	------
	0.70	0.7049	24.457	------	704945	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.10	0.1006	25.053	------	100567	------
	0.10	0.1018	25.823	------	101780	------
	0.05	0.0460	26.401	------	46019	------
	0.52	0.5222	26.700	------	522178	------
	1.35	1.3542	26.881	------	1354188	------
	0.43	0.4349	28.903	------	434948	------
DCB	73.56	73.5612	31.002	-1e-04	2658661	367.8

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	1378.77	1378.7747	6.908	0.001	1325519	------
1016-PK2	1347.56	1347.5642	8.392	0.001	2873911	------
1016-PK3	1448.61	1448.6052	9.512	0.001	1450807	------
1016-PK4	1376.17	1376.1715	9.788	0.003	5626020	------
1016-PK5	1427.75	1427.7487	10.439	0.001	2307095	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	1386.38	1386.3807	18.015	0.000	3663760	------
1260-PK1	1453.13	1453.1339	16.787	-0.001	2340603	------
1260-PK2	1384.28	1384.2798	17.612	-0.000	3725413	------
1260-PK4	1446.88	1446.8792	22.485	-0.000	5597976	------
1260-PK5	1490.93	1490.9265	24.625	-0.000	2821874	------

Capillary GC -

Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C

Injection Vol : 1 ul per column

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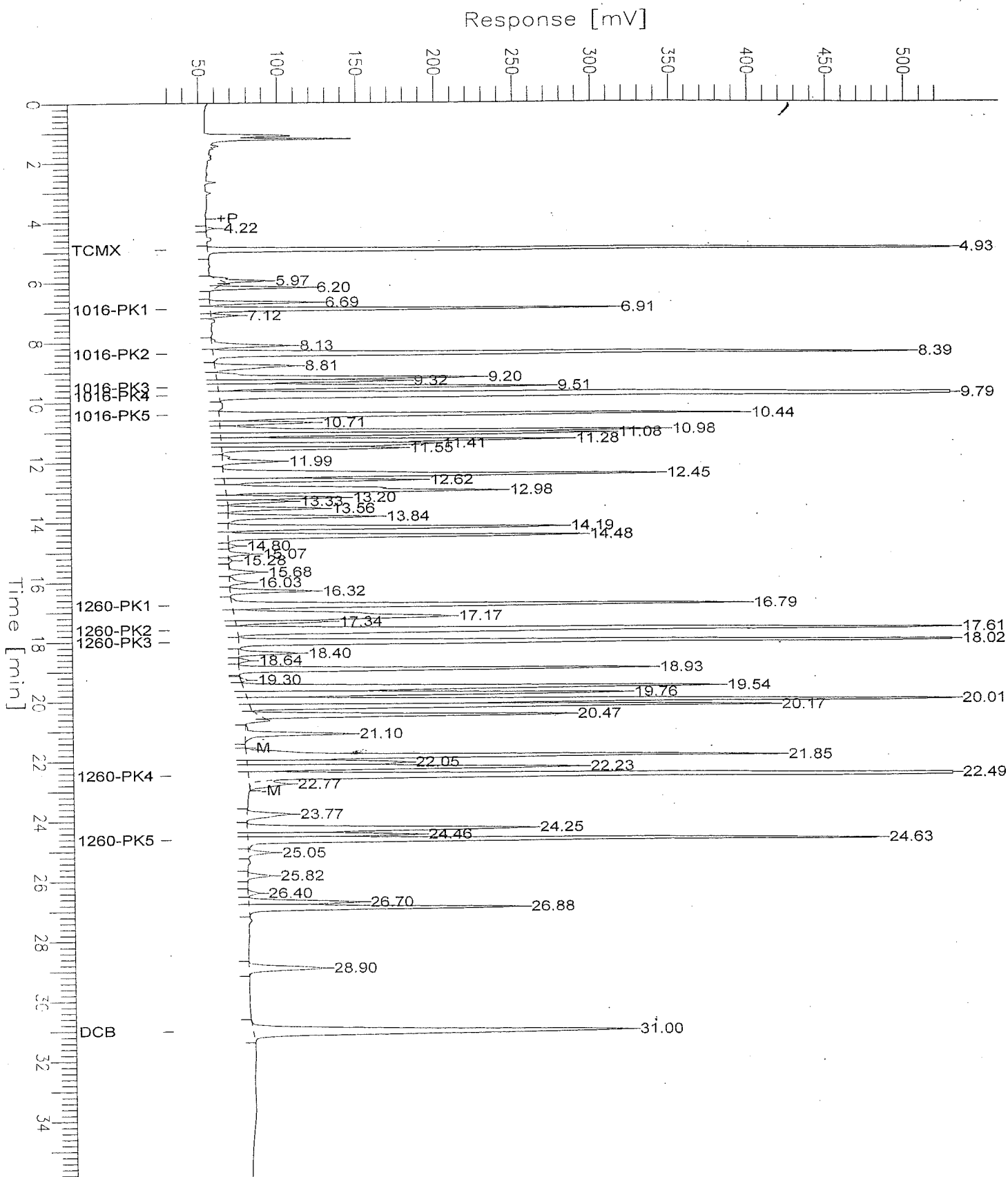
Report stored in ASCII file: C:\TC4\DATA_9\O07A007.TXO

Chromatogram

Sample Name : AR1660 750UL-->1ML 00-99
FileName : C:\TC4\DATA_9\007A007.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 29 mV

Sample #: 1.5 PPM
Date : 10/9/00 08:53 AM
Time of Injection: 10/7/00 08:40 PM
Low Point : 28.83 mV High Point : 528.83 mV
Plot Scale: 500.0 mV



001274

BOE-C6-0155939

Software Version: 4.1<2F12>
Date: 10/9/00 08:39 AM
Sample Name : AR1660 00-99
Data File : C:\TC4\DATA_9\007A008.RAW Date: 10/7/00 09:19 PM
Sequence File: C:\TC4\DATA_9\007.SEQ Cycle: 8 Channel : A
Instrument : GC-09 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_9\1660_9A.mth
Calibration performed at level: 7
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

Component	Retn Time	Vol Adj Amount	Adjusted Response	Calibration Factor	%RSD Time	# Reps	%RSD Amt	%RSD Resp	# Reps	CLT Code
TCMX	4.928	100.00000	4265968.000000	42659.680000	0.03	7	------	------	1	0
1016-PK1	6.907	2000.00000	1667124.720930	833.562360	0.02	7	------	------	1	0
1016-PK2	8.390	2000.00000	3599485.160305	1799.742580	0.02	7	------	------	1	0
1016-PK3	9.511	2000.00000	1903760.236641	951.880118	0.02	7	------	------	1	0
AROCLOR1016	9.783	2000.00000	1.72455715e+07	8622.785736	------	1	------	------	1	0
1016-PK4	9.784	2000.00000	7109021.404580	3554.510702	0.02	7	------	------	1	0
1016-PK5	10.438	2000.00000	2966179.948864	1483.089974	0.02	7	------	------	1	0
1260-PK1	16.788	2000.00000	3011317.900000	1505.658950	0.01	7	------	------	1	0
1260-PK2	17.613	2000.00000	4722186.900000	2361.093450	0.01	7	------	------	1	0
1260-PK3	18.015	2000.00000	4644117.369048	2322.058685	0.01	7	------	------	1	0
AROCLOR1260	22.475	2000.00000	2.31675712e+07	11583.785616	------	1	------	------	1	0
1260-PK4	22.485	2000.00000	7120307.062500	3560.153531	0.02	7	------	------	1	0
1260-PK5	24.625	2000.00000	3669642.000000	1834.821000	0.01	7	------	------	1	0
DCB	31.002	100.00000	3447997.000000	34479.970000	0.01	7	------	------	1	0

Confidence Limits Test (CLT) Result Explanations:
- 0 = Insufficient data for outlier test (<3 replicates)
- 1 = Significant outlier (failed at 99.9% 2nd pass)
- 2 = Probable outlier (failed at 95% 1st pass, failed at 95% 2nd pass)
- 3 = Probable outlier (failed at 95% 1st pass, failed at 99.9% 1st pass)
- 4 = Probably not outlier (failed at 95% 1st pass, passed at 99.9% 1st pass)
- 5 = Not outlier (passed at 95% 1st pass)

Calibration Status:

Component	C0	C1	C2	C3	r^2	Status
TCMX	0.000000	44163.645238	----------	----------	--------	9
1016-PK1	0.000000	961.374599	----------	----------	--------	9
1016-PK2	0.000000	2131.815721	----------	----------	--------	9
1016-PK3	0.000000	1000.744538	----------	----------	--------	9
AROCLOR1016	0.000000	9797.999301	----------	----------	--------	9
1016-PK4	0.000000	4088.167581	----------	----------	--------	9
1016-PK5	0.000000	1615.896861	----------	----------	--------	9
1260-PK1	0.000000	1610.727665	----------	----------	--------	9
1260-PK2	0.000000	2691.228468	----------	----------	--------	9
1260-PK3	0.000000	2642.679561	----------	----------	--------	9
AROCLOR1260	0.000000	12669.290477	----------	----------	--------	9
1260-PK4	0.000000	3722.589076	----------	----------	--------	9
1260-PK5	0.000000	2002.065707	----------	----------	--------	9
DCB	0.000000	50525.875225	----------	----------	--------	9

Calibration Status Explanations:

1 = Component not calibrated: Rejected based on user criteria
2 = Component not calibrated: Was not found in peak/group list
3 = Component not calibrated: No ISTD specified in method
4 = Component not calibrated: ISTD was not found in peak list
5 = Component not calibrated: Uses constant calibration factor
6 = Component not calibrated: Uses calibration reference
7 = Component not calibrated: No calibration at this level
8 = Component not calibrated: Incomplete named group
9 = Component calibrated successfully

Software Version: 4.1<2F12>
Sample Name : AR1660 00-99 Time : 10/9/00 08:39 AM
Sample Number: 2 PPM Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/7/00 09:19 PM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\O07A008.RAW
Result File : C:\TC4\DATA_9\O07A008.RST
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\O07A008.RST
Proc Method : C:\TC4\DATA_9\PEST9A.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\O07.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 69

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.03	0.0252	4.219	------	25160	------
TCMX	96.59	96.5946	4.927	-0.002	4265968	483.0
	0.36	0.3569	5.971	------	356890	------
	0.38	0.3815	6.197	------	381515	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.44	0.4371	6.688	------	437054	------
	0.11	0.1096	7.120	------	109615	------
	0.40	0.3954	8.131	------	395374	------
	0.48	0.4767	8.804	------	476712	------
	1.37	1.3668	9.199	------	1366792	------
	0.75	0.7484	9.314	------	748388	------
AROCLOR1016	1760.11	1760.1115	9.783	0.000	17245571	------
	0.46	0.4623	10.705	------	462268	------
	2.32	2.3184	10.981	------	2318387	------
	1.70	1.6963	11.077	------	1696291	------
	1.83	1.8318	11.281	------	1831821	------
	1.34	1.3364	11.400	------	1336424	------
	0.84	0.8423	11.551	------	842292	------
	0.32	0.3242	11.988	------	324212	------
	2.87	2.8700	12.446	------	2870049	------
	0.97	0.9726	12.619	------	972579	------
	2.13	2.1277	12.974	------	2127708	------
	0.60	0.6020	13.196	------	602020	------
	0.28	0.2797	13.322	------	279663	------
	0.46	0.4624	13.562	------	462367	------
	0.79	0.7929	13.836	------	792860	------
	1.86	1.8631	14.193	------	1863142	------
	1.96	1.9550	14.472	------	1955014	------
	0.05	0.0453	14.795	------	45279	------
	0.12	0.1244	15.067	------	124440	------
	0.18	0.1777	15.676	------	177737	------
	0.13	0.1250	16.025	------	125024	------
	0.45	0.4453	16.315	------	445259	------
	2.32	2.3250	17.176	------	2324992	------
	0.41	0.4124	17.339	------	412430	------
	0.32	0.3246	18.396	------	324576	------
	0.05	0.0513	18.639	------	51312	------
	2.24	2.2356	18.933	------	2235558	------
	0.04	0.0389	19.296	------	38854	------
	3.25	3.2521	19.543	------	3252142	------
	2.30	2.2956	19.760	------	2295589	------
	4.90	4.9046	20.005	------	4904641	------
	2.91	2.9119	20.173	------	2911928	------
	1.97	1.9697	20.470	------	1969667	------
	0.10	0.1037	20.648	------	103683	------
	0.68	0.6784	21.097	------	678422	------
	3.41	3.4137	21.846	------	3413715	------
	1.07	1.0718	22.055	------	1071785	------
	2.20	2.1991	22.230	------	2199096	------
AROCLOR1260	1828.64	1828.6400	22.475	0.000	23167571	------
	0.34	0.3375	22.771	------	337481	------
	0.35	0.3507	23.770	------	350695	------
	2.18	2.1752	24.250	------	2175231	------
	0.93	0.9262	24.455	------	926170	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.13	0.1340	25.053	------	134049	------
	0.14	0.1377	25.822	------	137740	------
	0.07	0.0663	26.399	------	66348	------
	0.70	0.7035	26.701	------	703494	------
	1.80	1.8001	26.882	------	1800137	------
	0.03	0.0274	27.314	------	27391	------
	0.57	0.5733	28.901	------	573301	------
DCB	68.24	68.2422	31.001	-0.002	3447997	341.2

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	1734.11	1734.1052	6.906	-0.001	1667125	------
1016-PK2	1688.46	1688.4598	8.390	-0.000	3599485	------
1016-PK3	1902.34	1902.3439	9.510	-0.002	1903760	------
1016-PK4	1738.93	1738.9261	9.783	-0.001	7109021	------
1016-PK5	1835.62	1835.6246	10.437	-0.001	2966180	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	1757.35	1757.3517	18.013	-0.002	4644117	------
1260-PK1	1869.54	1869.5388	16.788	-0.000	3011318	------
1260-PK2	1754.66	1754.6585	17.612	-0.001	4722187	------
1260-PK4	1912.73	1912.7298	22.475	-0.012	7120307	------
1260-PK5	1832.93	1832.9279	24.624	-0.001	3669642	------

Capillary GC -

Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C

Detector Temp : 320C
Injection Vol : 1 ul per column

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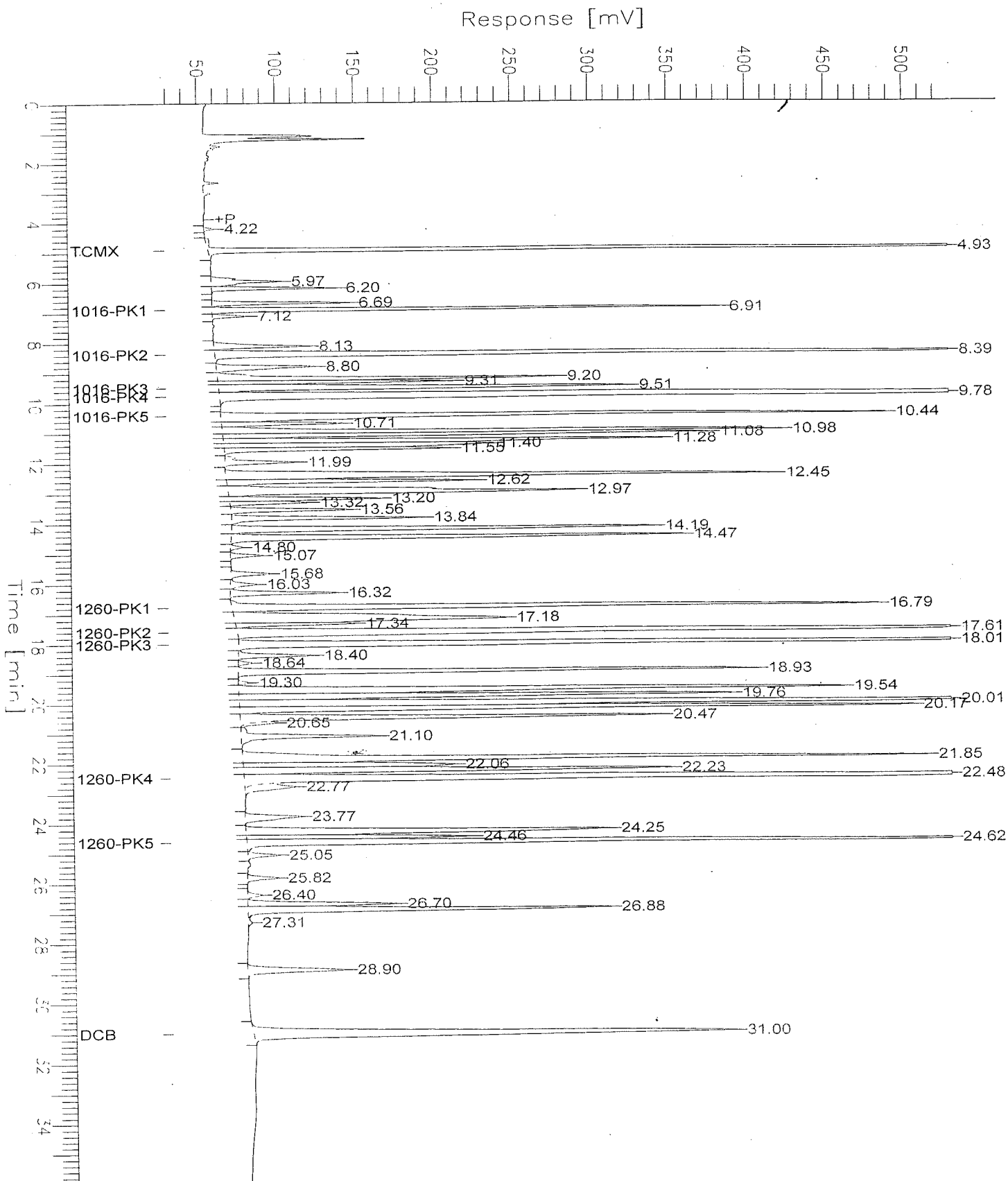
Report stored in ASCII file: C:\TC4\DATA_9\007A008.TXO

Chromatogram

Sample Name : AR1660 00-99
'ileName : C:\TC4\DATA_9\007A008.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 29 mV

Sample #: 2 PPM
Date : 10/9/00 08:39 AM
Time of Injection: 10/7/00 09:19 PM
Low Point : 28.83 mV High Point : 528.83 mV
Plot Scale: 500.0 mV



001281

Software Version: 4.1<2F12>
Sample Name : AR1232 00-138, 0.5UG/ML Time : 10/9/00 08:57 AM
Sample Number: .5 PPM Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/7/00 10:39 PM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\007A010.RAW
Result File : C:\TC4\DATA_9\007A010.RST
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\007A010.RST
Proc Method : C:\TC4\DATA_9\PEST9A.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\007.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 48

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.14	0.1363	4.220	------	136319	------
	0.01	0.0131	4.592	------	13074	------
TCMX	29.18	29.1754	4.929	0.001	1288494	145.9
	0.09	0.0937	5.973	------	93697	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.21	0.2111	6.196	------	211103	------
	0.19	0.1874	6.690	------	187378	------
	0.07	0.0697	7.121	------	69681	------
	0.10	0.0986	8.061	------	98614	------
	0.07	0.0691	8.812	------	69078	------
	0.18	0.1805	9.201	------	180498	------
	0.11	0.1058	9.317	------	105794	------
AROCLOR1016	301.50	301.4989	9.786	0.000	2954578	------
	0.04	0.0439	10.707	------	43944	------
	0.27	0.2746	10.982	------	274580	------
	0.20	0.1993	11.081	------	199273	------
	0.13	0.1268	11.284	------	126766	------
	0.03	0.0304	11.555	------	30412	------
	0.03	0.0274	11.991	------	27426	------
	0.43	0.4345	12.446	------	434549	------
	0.14	0.1425	12.621	------	142529	------
	0.28	0.2763	12.976	------	276278	------
	0.09	0.0883	13.193	------	88303	------
	0.18	0.1831	13.326	------	183066	------
	0.33	0.3329	13.564	------	332856	------
	0.39	0.3893	13.833	------	389332	------
	0.08	0.0752	14.193	------	75169	------
	0.10	0.1038	14.481	------	103790	------
	0.04	0.0426	14.798	------	42632	------
	0.30	0.2962	15.068	------	296201	------
	0.05	0.0476	15.682	------	47578	------
	0.05	0.0536	16.027	------	53576	------
	0.05	0.0510	16.314	------	51026	------
	0.06	0.0619	16.617	------	61862	------
AROCLOR1260	10.22	10.2208	16.804	0.000	129869	------
	0.01	0.0098	17.089	------	9779	------
	0.07	0.0651	17.342	------	65082	------
	0.05	0.0548	19.295	------	54835	------
	0.01	0.0108	19.535	------	10777	------
	0.01	0.0144	20.009	------	14372	------
	0.02	0.0155	20.930	------	15466	------
DCB	27.96	27.9621	30.997	-0.006	1010609	139.8

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	618.72	618.7202	6.909	0.001	594822	------
1016-PK2	294.72	294.7228	8.391	0.000	628547	------
1016-PK3	270.28	270.2801	9.513	0.002	270691	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK4	255.77	255.7676	9.786	0.001	1045621	------
1016-PK5	256.76	256.7598	10.439	0.001	414897	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	6.60	6.5975	17.872	-0.142	17435	------
1260-PK1	56.51	56.5144	16.804	0.016	91029	------
1260-PK2	4.24	4.2427	17.613	-0.000	11418	------
1260-PK4	2.58	2.5813	22.482	-0.003	9987	------
1260-PK5	0.00	0.0000	24.625	------	0	------

Capillary GC -

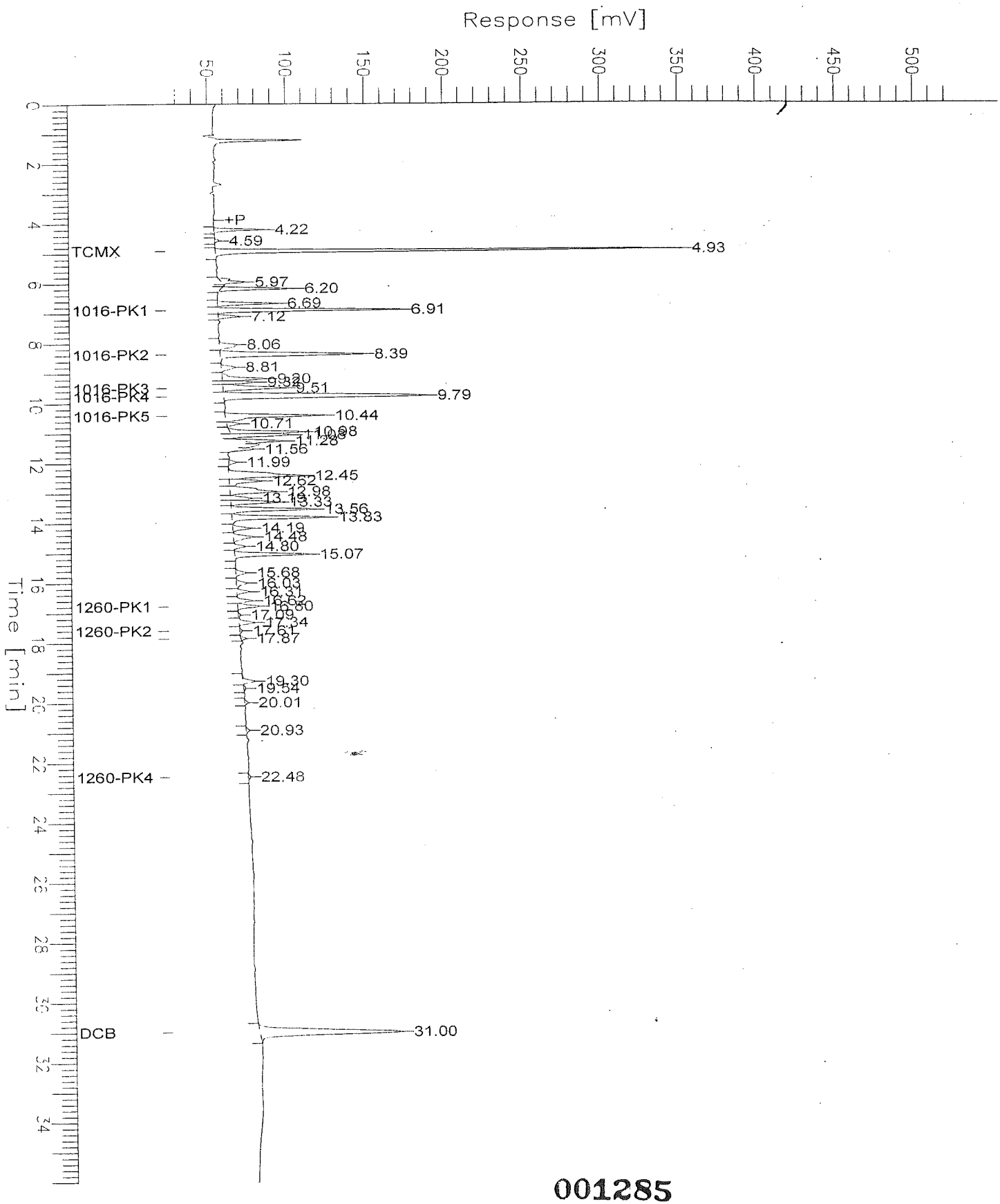
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\O07A010.TX0

Chromatogram

Sample Name : AR1232 00-138, 0.5UG/ML
FileName : C:\TC4\DATA_9\007A010.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 23 mV

Sample #: .5 PPM
Date : 10/9/00 08:58 AM
Time of Injection: 10/7/00 10:39 PM
Low Point : 22.81 mV High Point : 522.81 mV
Plot Scale: 500.0 mV



001285

Software Version: 4.1<2F12>
Sample Name : AR1242 00-108,0.5UG/ML Time : 10/9/00 08:58 AM
Sample Number: .5 PPM Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/7/00 11:19 PM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\007A011.RAW
Result File : C:\TC4\DATA_9\007A011.RST
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\007A011.RST
Proc Method : C:\TC4\DATA_9\PEST9A.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\007.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 50

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.01	0.0106	4.219	------	10559	------
	0.01	0.0133	4.593	------	13280	------
TCMX	28.24	28.2372	4.927	-0.001	1247059	141.2
	0.06	0.0593	5.971	------	59338	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.09	0.0928	6.195	------	92771	------
	0.13	0.1262	6.688	------	126209	------
	0.03	0.0305	7.118	------	30497	------
	0.01	0.0101	7.297	------	10135	------
	0.10	0.0989	8.128	------	98914	------
	0.12	0.1171	8.806	------	117093	------
	0.32	0.3227	9.198	------	322729	------
	0.19	0.1855	9.314	------	185521	------
AROCLOR1016	464.22	464.2192	9.782	0.000	4549176	------
	0.11	0.1075	10.703	------	107496	------
	0.58	0.5831	10.980	------	583076	------
	0.47	0.4653	11.078	------	465317	------
	0.46	0.4649	11.280	------	464905	------
	0.32	0.3172	11.400	------	317249	------
	0.19	0.1907	11.552	------	190736	------
	0.08	0.0805	11.987	------	80476	------
	0.86	0.8638	12.442	------	863838	------
	0.27	0.2712	12.617	------	271249	------
	0.58	0.5770	12.972	------	576994	------
	0.15	0.1544	13.190	------	154372	------
	0.38	0.3803	13.322	------	380334	------
	0.68	0.6840	13.560	------	684005	------
	0.78	0.7783	13.830	------	778345	------
	0.18	0.1777	14.191	------	177662	------
	0.24	0.2367	14.477	------	236700	------
	0.11	0.1058	14.794	------	105763	------
	0.62	0.6173	15.066	------	617323	------
	0.12	0.1176	15.679	------	117592	------
	0.13	0.1253	16.024	------	125264	------
	0.13	0.1283	16.312	------	128300	------
	0.13	0.1347	16.614	------	134714	------
AROCLOR1260	22.82	22.8185	16.803	0.000	289940	------
	0.02	0.0217	17.087	------	21655	------
	0.17	0.1662	17.343	------	166229	------
	0.13	0.1254	19.294	------	125357	------
	0.02	0.0178	19.526	------	17799	------
	0.03	0.0271	20.007	------	27115	------
	0.02	0.0232	20.932	------	23239	------
	0.02	0.0204	21.260	------	20371	------
DCB	27.70	27.6999	31.004	0.002	1001132	138.5

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec

1016-PK1	521.20	521.2045	6.906	-0.001	501073	------
1016-PK2	458.35	458.3546	8.388	-0.003	977520	------
1016-PK3	472.26	472.2636	9.510	-0.001	472981	------
1016-PK4	452.46	452.4642	9.782	-0.002	1849749	------
1016-PK5	462.81	462.8100	10.435	-0.002	747853	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	17.96	17.9598	17.871	-0.143	47462	------
1260-PK1	138.71	138.7104	16.803	0.015	223425	------
1260-PK2	7.08	7.0797	17.608	-0.005	19053	------
1260-PK4	0.00	0.0000	22.485	------	0	------
1260-PK5	0.00	0.0000	24.625	------	0	------

Capillary GC -

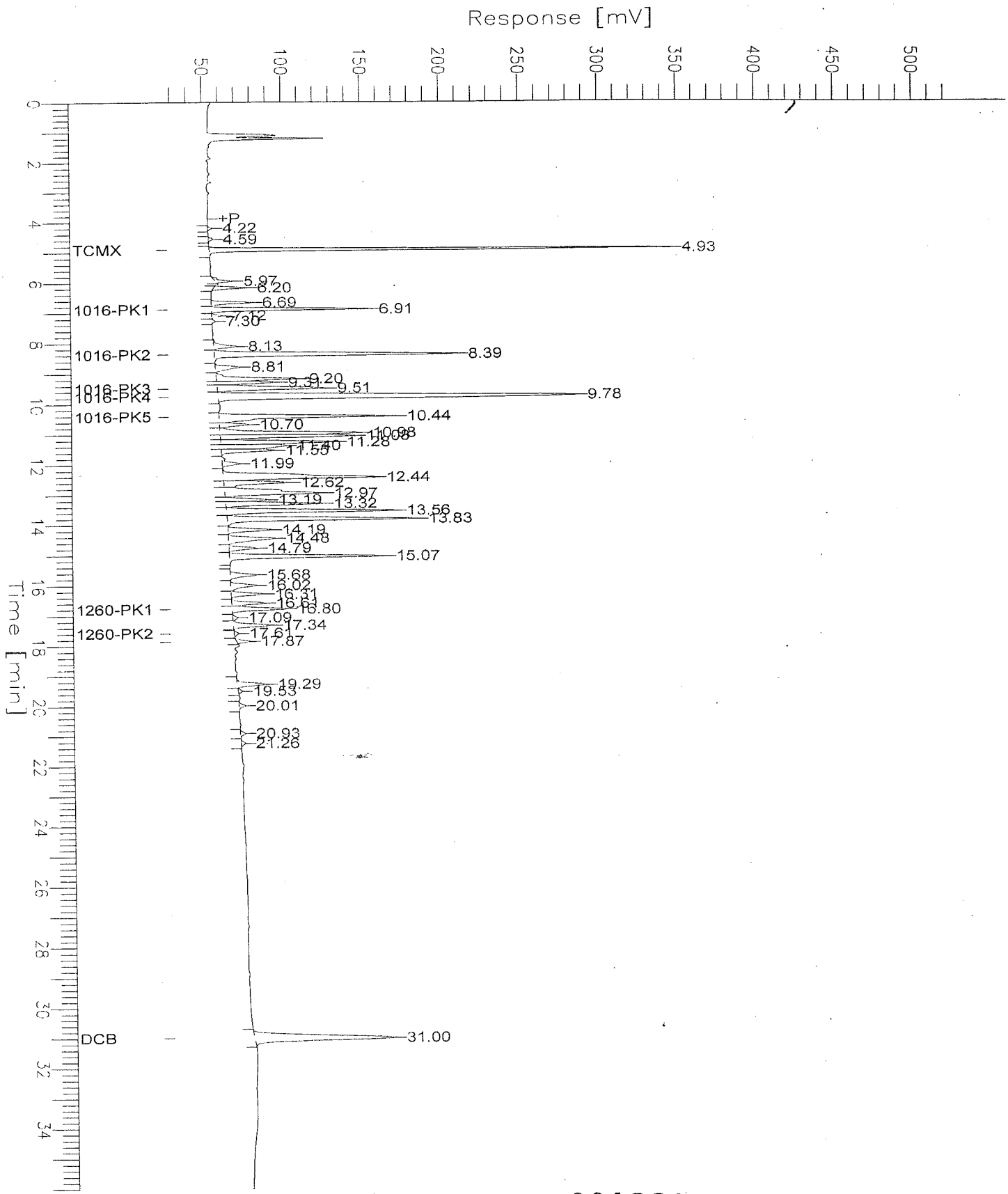
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\O07A011.TX0

Chromatogram

Sample Name : AR1242 00-108,0.5UG/ML
FileName : C:\TC4\DATA_9\007A011.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 28 mV

Sample #: .5 PPM
Date : 10/9/00 08:58 AM
Time of Injection: 10/7/00 11:19 PM
Low Point : 27.96 mV High Point : 527.96 mV
Plot Scale: 500.0 mV



001289

BOE-C6-0155954

Software Version: 4.1<2F12>
Sample Name : AR1248 00-107,0.5UG/ML Time : 10/9/00 08:58 AM
Sample Number: .5 PPM Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/7/00 11:58 PM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\O07A012.RAW
Result File : C:\TC4\DATA_9\O07A012.RST
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\O07A012.RST
Proc Method : C:\TC4\DATA_9\PEST9A.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\O07.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 52

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.01	0.0134	4.593	------	13406	------
TCMX	28.78	28.7805	4.926	-0.002	1271054	143.9
	0.02	0.0165	6.068	------	16504	------
	0.01	0.0105	6.689	------	10507	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.03	0.0275	8.129	------	27515	------
	0.04	0.0389	8.813	------	38871	------
	0.16	0.1598	9.198	------	159762	------
	0.07	0.0678	9.313	------	67839	------
AROCLOR1016	230.63	230.6312	9.769	0.000	2260100	------
	0.02	0.0181	10.083	------	18064	------
	0.16	0.1600	10.704	------	160011	------
	1.13	1.1342	11.080	------	1134240	------
	0.68	0.6850	11.279	------	684979	------
	0.45	0.4491	11.396	------	449090	------
	0.26	0.2614	11.550	------	261439	------
	0.09	0.0892	11.988	------	89215	------
	1.06	1.0564	12.446	------	1056402	------
	0.34	0.3442	12.617	------	344170	------
	0.85	0.8484	12.974	------	848421	------
	0.18	0.1763	13.189	------	176287	------
	0.56	0.5600	13.323	------	560018	------
	1.06	1.0557	13.561	------	1055717	------
	1.13	1.1349	13.831	------	1134882	------
	0.42	0.4208	14.191	------	420843	------
	0.53	0.5273	14.476	------	527324	------
	0.27	0.2713	14.797	------	271293	------
	0.92	0.9171	15.067	------	917100	------
	0.30	0.2952	15.682	------	295156	------
	0.32	0.3198	16.029	------	319781	------
	0.33	0.3258	16.314	------	325848	------
	0.28	0.2765	16.617	------	276530	------
AROCLOR1260	59.19	59.1872	16.805	0.000	752052	------
	0.06	0.0564	17.088	------	56446	------
	0.44	0.4382	17.345	------	438178	------
	0.03	0.0280	18.225	------	28043	------
	0.02	0.0161	18.445	------	16060	------
	0.02	0.0175	18.932	------	17522	------
	0.35	0.3519	19.297	------	351860	------
	0.05	0.0548	19.529	------	54837	------
	0.02	0.0244	19.752	------	24382	------
	0.08	0.0796	20.010	------	79620	------
	0.02	0.0195	20.931	------	19488	------
	0.02	0.0157	21.262	------	15747	------
	0.02	0.0150	22.006	------	15031	------
DCB	28.19	28.1867	30.999	-0.003	1018728	140.9

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec

1016-PK1	62.88	62.8829	6.906	-0.001	60454	------
1016-PK2	230.24	230.2427	8.387	-0.004	491032	------
1016-PK3	154.81	154.8056	9.511	6e-05	155041	------
1016-PK4	296.38	296.3786	9.769	-0.015	1211645	------
1016-PK5	211.60	211.6026	10.436	-0.002	341928	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	46.80	46.8014	17.874	-0.139	123681	------
1260-PK1	350.92	350.9196	16.805	0.017	565236	------
1260-PK2	18.30	18.2963	17.613	-0.000	49240	------
1260-PK4	3.59	3.5916	22.485	-0.001	13896	------
1260-PK5	0.00	0.0000	24.625	------	0	------

Capillary GC -

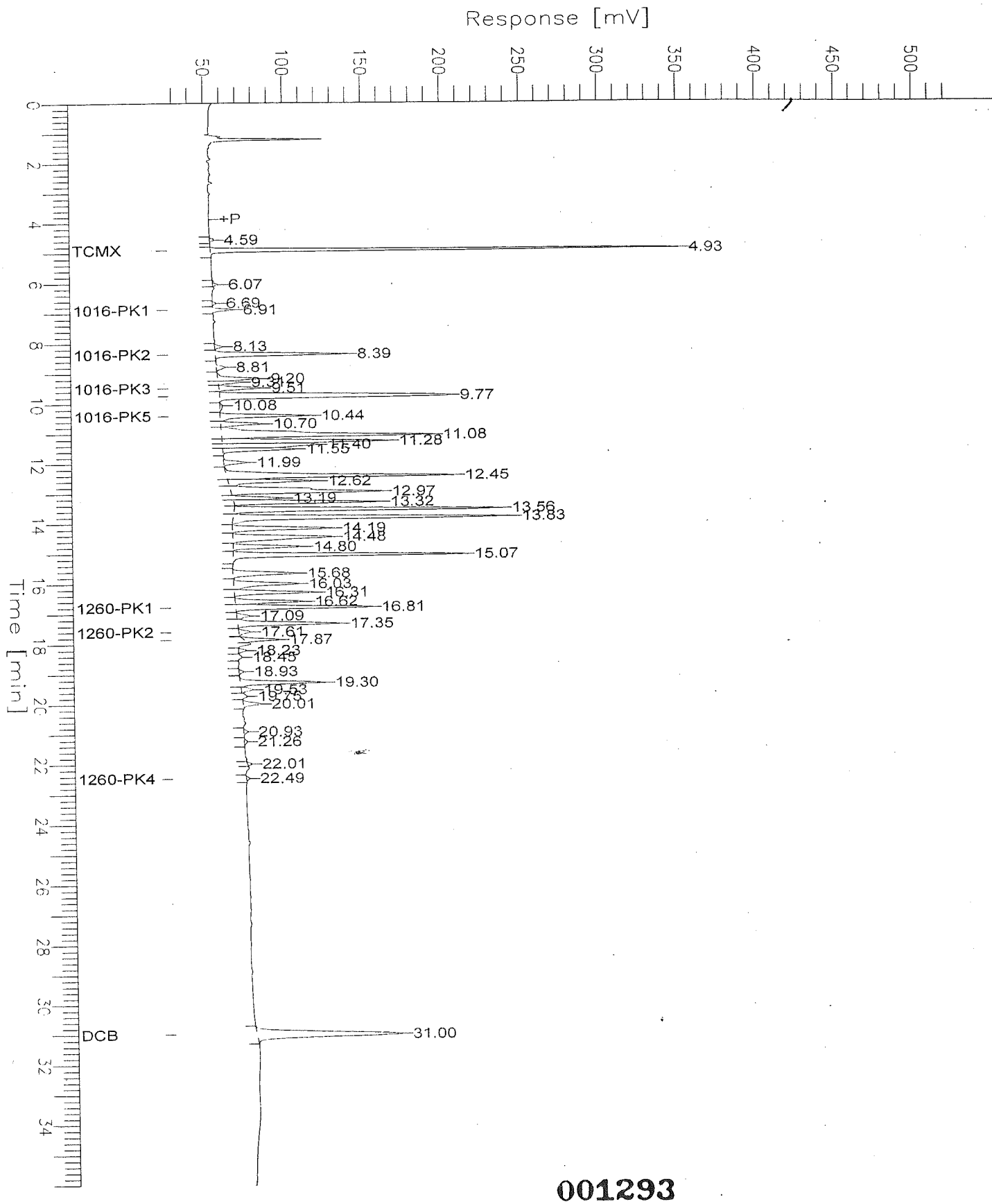
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\007A012.TX0

Chromatogram

Sample Name : AR1248 00-107,0.5UG/ML
FileName : C:\TC4\DATA_9\007A012.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 26 mV

Sample #: .5 PPM
Date : 10/9/00 08:58 AM
Time of Injection: 10/7/00 11:58 PM
Low Point : 26.36 mV High Point : 526.36 mV
Plot Scale: 500.0 mV



001293

BOE-C6-0155958

Software Version: 4.1<2F12>
Sample Name : AR2154 00-142, 0.5UG/ML Time : 10/9/00 08:58 AM
Sample Number: .5 PPM Study : ICAL 10/07/00
Operator :

Instrument : GC-09 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2351570991 Data Acquisition Time: 10/8/00 12:38 AM
Delay Time : 0.00 min.
End Time : 36.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_9\007A013.RAW
Result File : C:\TC4\DATA_9\007A013.RST
Inst Method : C:\TC4\DATA_9\PEST9A from C:\TC4\DATA_9\007A013.RST
Proc Method : C:\TC4\DATA_9\PEST9A.mth
Calib Method : C:\TC4\DATA_9\1660_9A.mth
Sequence File : C:\TC4\DATA_9\007.SEQ

Sample Volume : 1.0000 uL Area Reject : 5000.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 50 Area Threshold : 5000 Bunch Factor: 1
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : 8080 User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 58

8082 - HP 9A - Column: DB608

STL - LOS ANGELES

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.22	0.2199	4.218	------	219937	------
	0.01	0.0132	4.583	------	13179	------
TCMX	30.30	30.3006	4.928	-0.001	1338183	151.5
	0.06	0.0584	5.876	------	58408	------

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
	0.12	0.1214	5.971	------	121423	------
	0.34	0.3391	6.194	------	339130	------
	0.24	0.2400	6.688	------	239962	------
AROCLOR1016	133.84	133.8375	6.907	0.000	1311558	------
	0.11	0.1070	7.120	------	107046	------
	0.09	0.0947	8.053	------	94740	------
	0.02	0.0169	8.814	------	16923	------
	0.05	0.0451	9.196	------	45147	------
	0.03	0.0266	9.316	------	26622	------
	0.01	0.0095	10.082	------	9512	------
	0.02	0.0181	10.705	------	18072	------
	0.73	0.7343	11.082	------	734256	------
	0.21	0.2147	11.280	------	214734	------
	0.44	0.4378	12.448	------	437837	------
	0.04	0.0413	12.614	------	41284	------
	0.16	0.1611	12.975	------	161109	------
	0.17	0.1743	13.325	------	174312	------
	0.60	0.5965	13.563	------	596515	------
	0.19	0.1930	13.830	------	192975	------
	1.17	1.1710	14.191	------	1170997	------
	1.40	1.3961	14.473	------	1396105	------
	0.56	0.5580	14.795	------	557956	------
	0.14	0.1373	15.067	------	137301	------
	0.53	0.5270	15.678	------	526969	------
	0.60	0.5955	16.026	------	595480	------
	0.85	0.8514	16.314	------	851424	------
	0.30	0.2995	16.616	------	299486	------
AROCLOR1260	286.86	286.8604	16.804	0.000	3644945	------
	0.43	0.4268	17.121	------	426759	------
	1.26	1.2638	17.342	------	1263849	------
	0.21	0.2098	17.873	------	209815	------
	0.05	0.0547	18.225	------	54664	------
	0.12	0.1205	18.394	------	120489	------
	0.03	0.0320	18.644	------	32036	------
	0.25	0.2507	18.931	------	250655	------
	0.65	0.6465	19.294	------	646528	------
	0.61	0.6121	19.525	------	612075	------
	0.43	0.4274	19.754	------	427368	------
	1.26	1.2553	20.007	------	1255297	------
	0.11	0.1074	20.489	------	107396	------
	0.11	0.1123	20.647	------	112328	------
	0.08	0.0807	21.841	------	80730	------
	0.36	0.3641	22.003	------	364134	------
	0.24	0.2353	22.135	------	235334	------
	0.03	0.0275	24.299	------	27461	------
DCB	28.18	28.1799	30.997	-0.006	1018482	140.9

Group Report For : AROCLOR1016

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1016-PK1	706.08	706.0825	6.907	-0.000	678810	------
1016-PK2	120.84	120.8444	8.340	-0.050	257721	------
1016-PK3	64.46	64.4637	9.508	-0.004	64562	------
1016-PK4	53.00	52.9961	9.780	-0.005	216657	------
1016-PK5	58.05	58.0536	10.438	0.000	93809	------

Group Report For : AROCLOR1260

Component Name	Raw Amount	Final Result (ppb)	Time [min]	Time Diff [min]	Area [uV*sec]	Surrogate % Rec
1260-PK3	279.87	279.8713	18.012	-0.003	739610	------
1260-PK1	1059.34	1059.3392	16.804	0.015	1706307	------
1260-PK2	303.55	303.5485	17.610	-0.003	816918	------
1260-PK4	65.89	65.8932	22.484	-0.001	254941	------
1260-PK5	67.19	67.1890	24.617	-0.007	127169	------

Capillary GC -

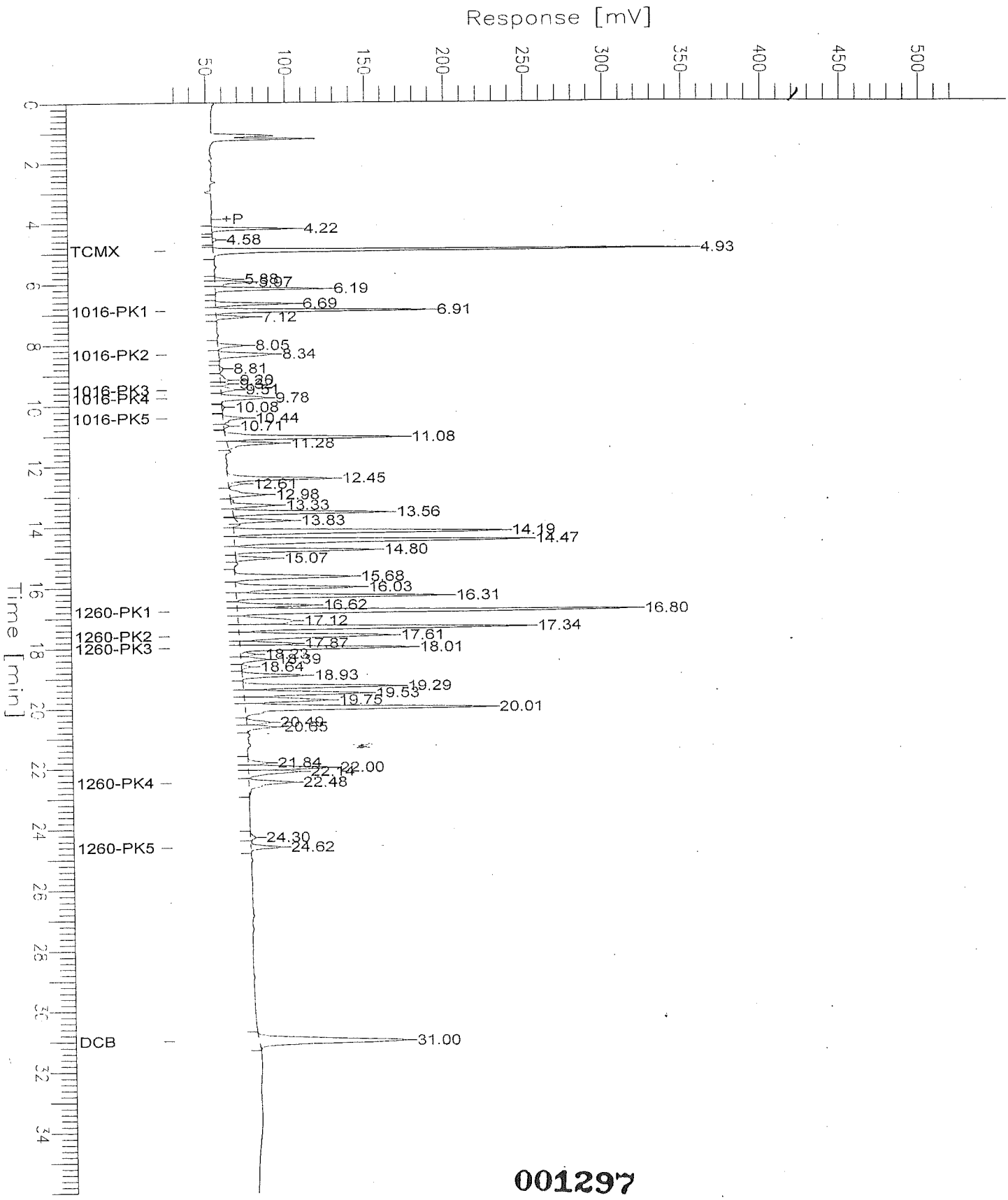
Instrument	:	TA (GC12A)
Column	:	DB608
Column Length	:	30 M
Column I.D.	:	0.53 mm
Carrier Gas	:	UHP Helium
Makeup Gas	:	UHP Nitrogen
Temperature	:	170C,0.5MIN,4C/MIN->270C,19.5MIN HOLD
Injection Temp	:	220C
Detector Temp	:	320C
Injection Vol	:	1 ul per column

Report stored in ASCII file: C:\TC4\DATA_9\007A013.TX0

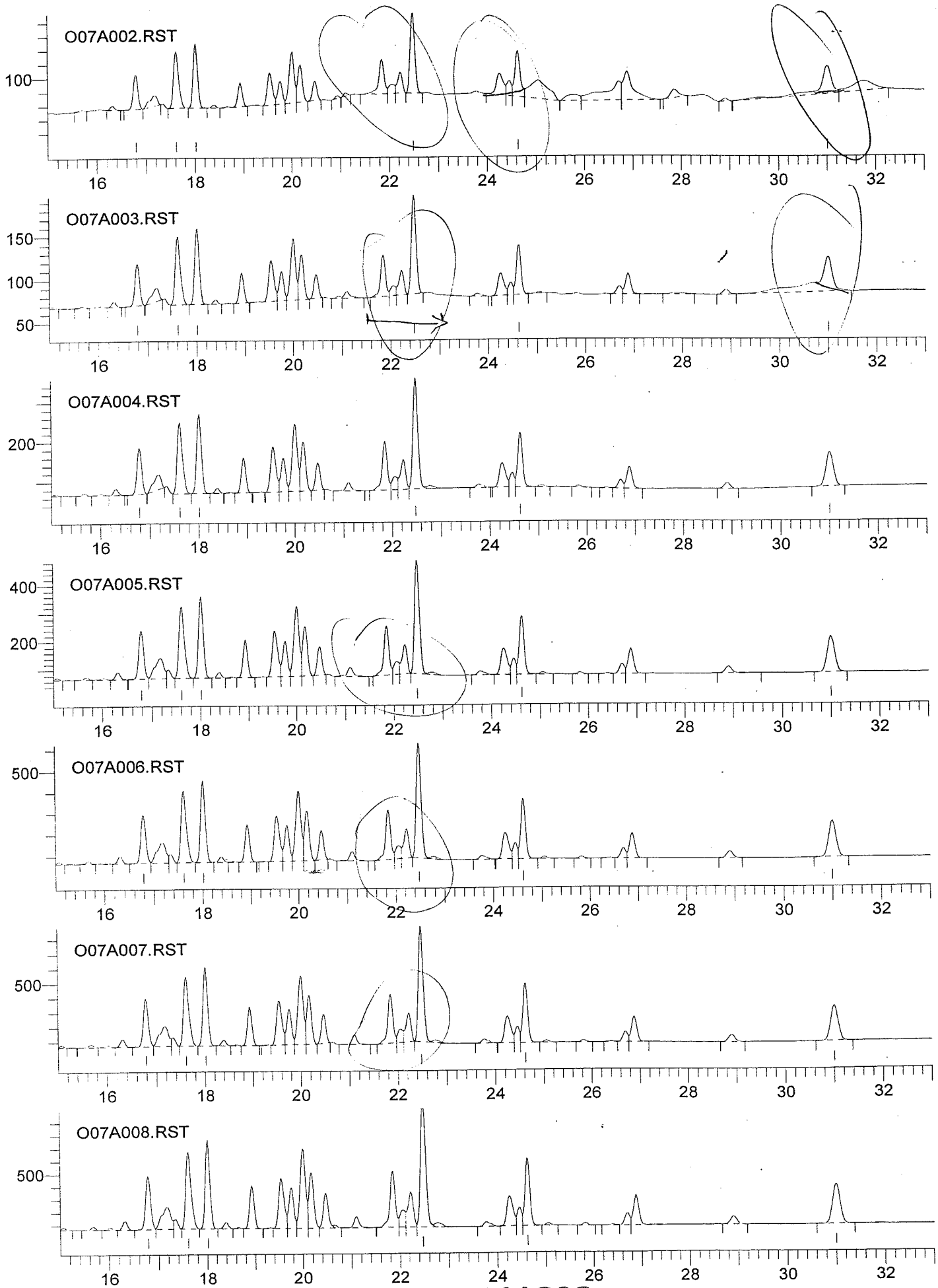
Chromatogram

ample Name : AR2154 00-142, 0.5UG/ML
ileName : C:\TC4\DATA_9\007A013.raw
Method : PEST9A
Start Time : 0.00 min End Time : 36.00 min
Scale Factor: -1.0 Plot Offset: 24 mV

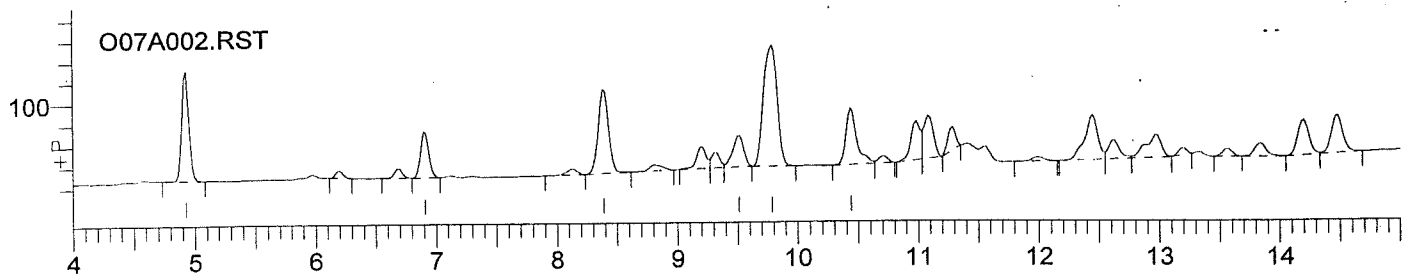
Sample #: .5 PPM
Date : 10/9/00 08:58 AM
Time of Injection: 10/8/00 12:38 AM
Low Point : 23.99 mV High Point : 523.99 mV
Plot Scale: 500.0 mV

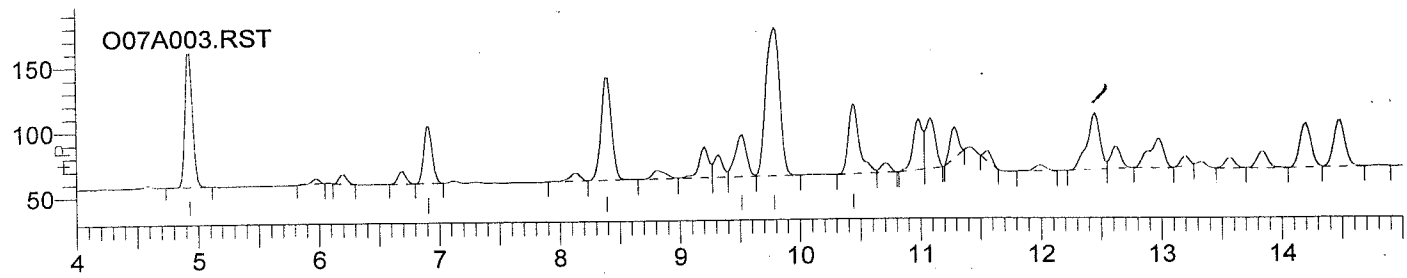


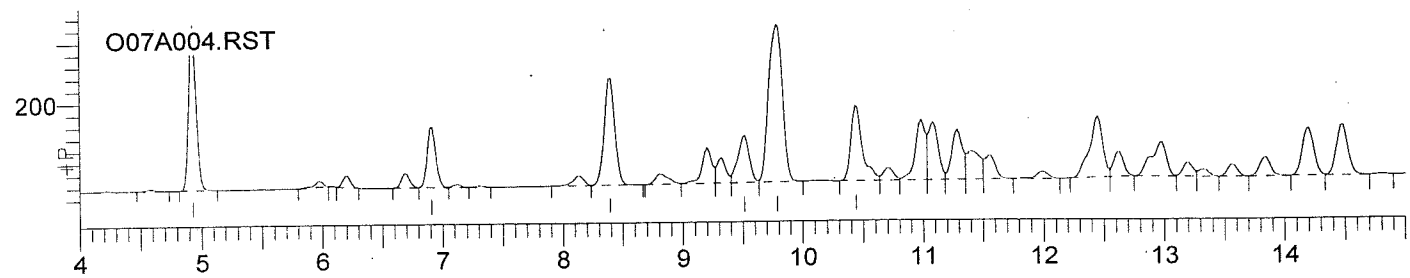
001297

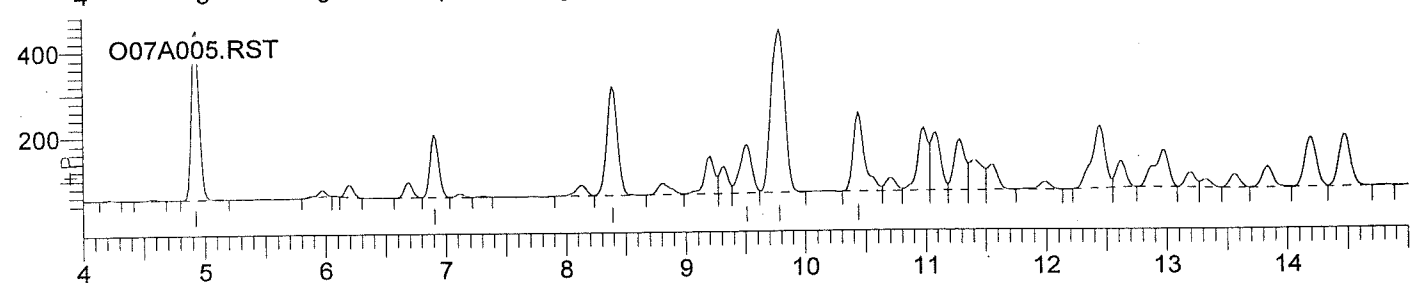

O07A002.RST
100
16 18 20 22 24 26 28 30 32
O07A003.RST
150
100
50
16 18 20 22 24 26 28 30 32
O07A004.RST
200
16 18 20 22 24 26 28 30 32
O07A005.RST
400
200
16 18 20 22 24 26 28 30 32
O07A006.RST
500
16 18 20 22 24 26 28 30 32
O07A007.RST
500
16 18 20 22 24 26 28 30 32
O07A008.RST
500
16 18 20 22 24 26 28 30 32

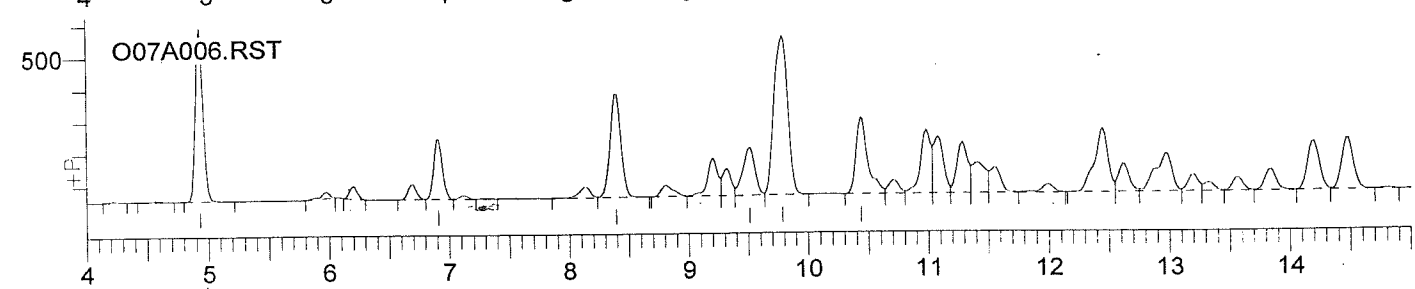
Plot Title	Start Time	End Time	Scale (mV)	Offset (mV)
007A002.RST	15.00	33.00	92.15	54.32
Sample Name : AR1660 50UL-->1ML 00-99				
Sample Number : .1 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A003.RST	15.00	33.00	148.84	48.37
Sample Name : AR1660 100UL-->1ML 00-99				
Sample Number : .2 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A004.RST	15.00	33.00	320.63	38.48
Sample Name : AR1660 250UL-->1ML 00-99				
Sample Number : .5 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A005.RST	15.00	33.00	452.64	31.18
Sample Name : AR1660 375UL-->1ML 00-99				
Sample Number : .75 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A006.RST	15.00	33.00	603.76	23.31
Sample Name : AR1660 500UL-->1ML 00-99				
Sample Number : 1 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A007.RST	15.00	33.00	874.00	10.13
Sample Name : AR1660 750UL-->1ML 00-99				
Sample Number : 1.5 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A008.RST	15.00	33.00	995.97	4.03
Sample Name : AR1660 00-99				
Sample Number : 2 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				

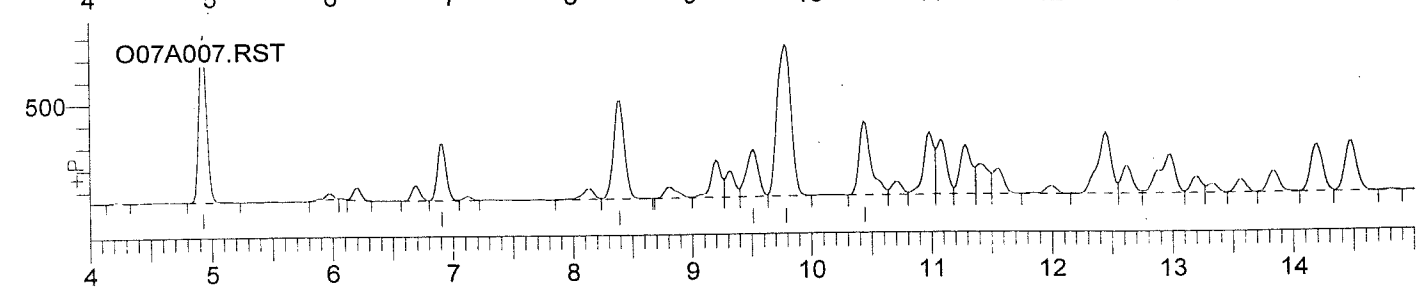

O07A002.RST
100
4 5 6 7 8 9 10 11 12 13 14

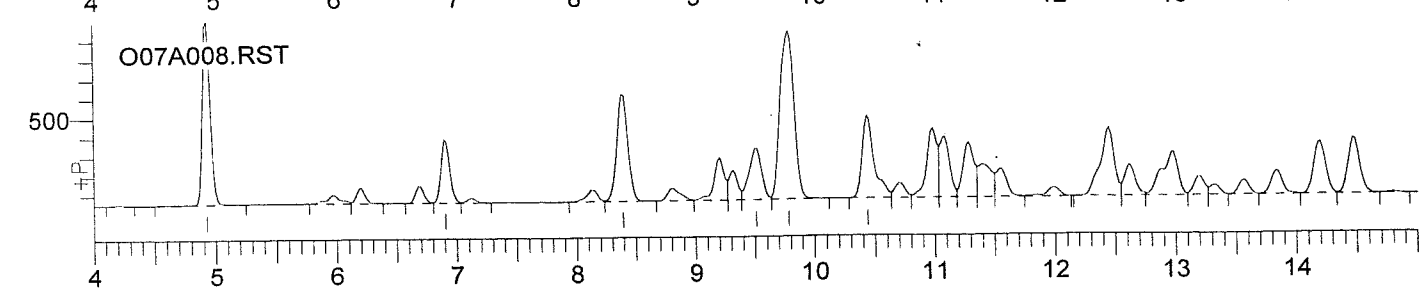

O07A003.RST
150
100
50
4 5 6 7 8 9 10 11 12 13 14


O07A004.RST
200
4 5 6 7 8 9 10 11 12 13 14

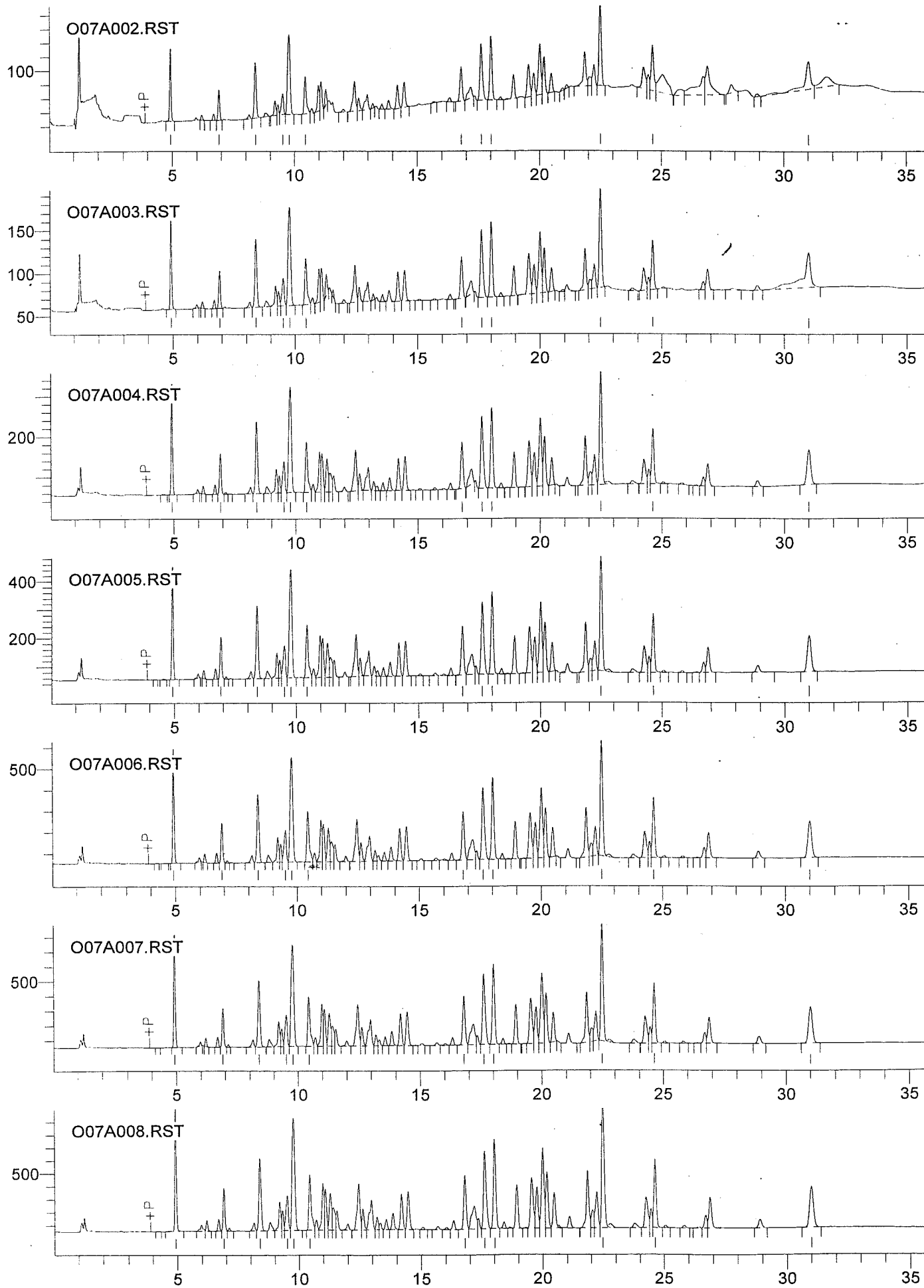

O07A005.RST
400
200
4 5 6 7 8 9 10 11 12 13 14


O07A006.RST
500
4 5 6 7 8 9 10 11 12 13 14


O07A007.RST
500
4 5 6 7 8 9 10 11 12 13 14


O07A008.RST
500
4 5 6 7 8 9 10 11 12 13 14

Plot Title	Start Time	End Time	Scale (mV)	Offset (mV)
007A002.RST	4.00	15.00	92.15	54.32
Sample Name : AR1660 50UL-->1ML 00-99				
Sample Number : .1 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A003.RST	4.00	15.00	148.84	48.37
Sample Name : AR1660 100UL-->1ML 00-99				
Sample Number : .2 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A004.RST	4.00	15.00	320.63	38.48
Sample Name : AR1660 250UL-->1ML 00-99				
Sample Number : .5 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A005.RST	4.00	15.00	452.64	31.18
Sample Name : AR1660 375UL-->1ML 00-99				
Sample Number : .75 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A006.RST	4.00	15.00	603.76	23.31
Sample Name : AR1660 500UL-->1ML 00-99				
Sample Number : 1 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A007.RST	4.00	15.00	874.00	10.13
Sample Name : AR1660 750UL-->1ML 00-99				
Sample Number : 1.5 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A008.RST	4.00	15.00	995.97	4.03
Sample Name : AR1660 00-99				
Sample Number : 2 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				


O07A002.RST
100
+P
5
10
15
20
25
30
35
O07A003.RST
150
100
50
+P
O07A004.RST
200
+P
O07A005.RST
400
200
+P
O07A006.RST
500
+P
O07A007.RST
500
+P
O07A008.RST
500
+P

001302

Plot Title	Start Time	End Time	Scale (mV)	Offset (mV)
007A002.RST	0.00	36.00	92.15	54.32
Sample Name : AR1660 50UL-->1ML 00-99				
Sample Number : .1 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A003.RST	0.00	36.00	148.84	48.37
Sample Name : AR1660 100UL-->1ML 00-99				
Sample Number : .2 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A004.RST	0.00	36.00	320.63	38.48
Sample Name : AR1660 250UL-->1ML 00-99				
Sample Number : .5 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A005.RST	0.00	36.00	452.64	31.18
Sample Name : AR1660 375UL-->1ML 00-99				
Sample Number : .75 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A006.RST	0.00	36.00	603.76	23.31
Sample Name : AR1660 500UL-->1ML 00-99				
Sample Number : 1 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A007.RST	0.00	36.00	874.00	10.13
Sample Name : AR1660 750UL-->1ML 00-99				
Sample Number : 1.5 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				
007A008.RST	0.00	36.00	995.97	4.03
Sample Name : AR1660 00-99				
Sample Number : 2 PPM				
Instrument File Name : C:\TC4\DATA_9\PEST9A				

Turbochrom Sequence File : C:\TC4\DATA_9\007.SEQ
Created by : LB on : 10/7/00 04:05 PM
Edited by : LB on : 10/7/00 04:35 PM
Description :

Number of Times Edited : 2

Sequence File Header Information:

Number of Rows : 189
Instrument Type : 760 / 900 Series Intelligent Interface
Injection Type : SINGLE

Sequence Sample Descriptions - Channel A

Row	Type	Sample Name	Sample Number	Study Name	Sample Amount	ISTD Amount	Sample Volume	Dil. Factor	Mult	Divisor	Addend	Norm. factor
1	Sample	HEXANE	REG LNR	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
2	Cal:Replace	AR1660 50UL-->1	.1 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
3	Cal:Replace	AR1660 100UL-->	.2 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
4	Cal:Replace	AR1660 250UL-->	.5 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
5	Cal:Replace	AR1660 375UL-->	.75 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
6	Cal:Replace	AR1660 500UL-->	1 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
7	Cal:Replace	AR1660 750UL-->	1.5 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
8	Cal:Replace	AR1660 00-99	2 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
9	Std Check	AR1660 00-143,	.5 PPM 2ND	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
10	Sample	AR1232 00-138,	.5 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
11	Sample	AR1242 00-108,0	.5 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
12	Sample	AR1248 00-107,0	.5 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
13	Sample	AR2154 00-142,	.5 PPM	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
14	Sample	0280469-MB	DLPNF101 B	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
15	Sample	0280469-LCS	DLPNF102 C	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
16	Sample	125-14	DLH41101	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
17	Sample	316-1	DLM30101	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
18	Sample	216-1	DLNAX101	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
19	Sample	216-1S	DLNAX102 S	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
20	Sample	216-1D	DLNAX103 D	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
21	Sample	216-2	DLNCX101	ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
22	Sample	HEXANE	BLANK	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
23	Std Check	AR1660 00-111,	.5 PPM 2ND	ICAL 10/07	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
24	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
25	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
26	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
27	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
28	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
29	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
30	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
31	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
32	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
33	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
34	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
35	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
36	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
37	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
38	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
39	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
40	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
41	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
42	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
43	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
44	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
45	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
46	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
47	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
48	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
49	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
50	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
51	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
52	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
53	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
54	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
55	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
56	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
57	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
58	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
59	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
60	Sample			ICAL 10/07	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000