TVPH

LEVEL III

C6 TO C8

BOE-C6-0159381

TVPH

SAMPLE AND QC DATA

C6 → C8

Date(s) Analyzed: 10-2,3-00

Instrument ID: GC15 GC16 GC13

Batch #: 0278277

Samples: EOZ290371-B, C, 1, 3, 4, 5, 7, 8, 10, 11, 12,

13, 14, 15, 17, 18, 19, 21, 23, 25, 26, 31, 31S, 31D

Batch Number: 0278277

Lab ID: E0I290371 001 Workorder: DLC7J103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 003 Workorder: DLC7L103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 004 Workorder: DLC7N103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 005 Workorder: DLC7P103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 007 Workorder: DLC7R103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 008 Workorder: DLC7T103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 010 Workorder: DLC7W103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 011 Workorder: DLC7X103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 012 Workorder: DLC80103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 013 Workorder: DLC81103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 014 Workorder: DLC82103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 015 Workorder: DLC83103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 017 Workorder: DLC85103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 018 Workorder: DLC86103 Dilution Factor: 1
No Anomalies Found on Workorder

BOE-C6-0159383

000964

Batch Number: 0278277

Lab ID: E0I290371 019 Workorder: DLC87103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 021 Workorder: DLC89103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 023 Workorder: DLC8C103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 025 Workorder: DLC8E103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 026 Workorder: DLC8F103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 031 Workorder: DLC8L103 Dilution Factor: 1
Analyte: TPH (as Gasoline) No Matching Blank Analyte Found
Analyte: Gasoline Range Organics (C6-C12) No Matching Blank Analyte Found
Analyte: Gasoline Range Organics (C6-C10) No Matching Blank Analyte Found

Lab ID: E0I290371 031 S Workorder: DLC8L11U Dilution Factor: 1
Analyte: TPH (as Gasoline) No Matching Blank Analyte Found
Analyte: Gasoline Range Organics (C6-C12) No Matching Blank Analyte Found
Analyte: Gasoline Range Organics (C6-C10) No Matching Blank Analyte Found

Lab ID: E0I290371 031 D Workorder: DLC8L11V Dilution Factor: 1
Analyte: TPH (as Gasoline) No Matching Blank Analyte Found
Analyte: Gasoline Range Organics (C6-C12) No Matching Blank Analyte Found
Analyte: Gasoline Range Organics (C6-C10) No Matching Blank Analyte Found

< < < End of Report > > >

BOE-C6-0159384

000965

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/04/00
Time: 11:57:17

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

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

Extractionist: _____

Concentrationist: _____

****
* QC BATCH: 0278277 *
****

PREP DATE: 10/02/00
COMP DATE: 10/03/00

Reviewer/Date: _____ / 0/00/00

Hydrocarbons, Volatile Petroleum (8015B)
PURGE AND TRAP - 5 mL purge

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
0/00/00	10/06/00	E0I290371-001 **DLC7J-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-003 **DLC7L-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-004 **DLC7N-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-005 **DLC7P-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-007 **DLC7R-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-008 **DLC7T-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-010 **DLC7W-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															

000096

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RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/04/00
Time: 11:57:17

QC BATCH: 0278277

PREP DATE: 10/02/00
COMP DATE: 10/03/00

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
0/00/00	10/06/00	E0I290371-011 **DLC7X-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA	.0	.0	TFT
COMMENTS:													
0/00/00	10/06/00	E0I290371-023 **DLC8C-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA	.0	.0	TFT
COMMENTS:													
0/00/00	10/06/00	E0I290371-025 **DLC8E-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA	.0	.0	TFT
COMMENTS:													
0/00/00	10/06/00	E0I290371-026 **DLC8F-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA	.0	.0	TFT
COMMENTS:													
0/00/00	10/06/00	E0I290371-031 **DLC8L-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA	.0	.0	TFT
COMMENTS:													
0/00/00	10/06/00	E0I290371-031 **DLC8L-1-1US**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA	.0	.0	GASOLINE TFT
COMMENTS:													
0/00/00	10/06/00	E0I290371-031 **DLC8L-1-1VD**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA	.0	.0	GASOLINE TFT
COMMENTS:													
0/00/00	10/06/00	E0I290371-012 **DLC80-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA	.0	.0	TFT
COMMENTS:													
0/00/00	10/06/00	E0I290371-013 **DLC81-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA	.0	.0	TFT
COMMENTS:													
0/00/00	10/06/00	E0I290371-014 **DLC82-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA	.0	.0	TFT
COMMENTS:													

BOE-C6-0159386

296000

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/04/00
Time: 11:57:17

QC BATCH: 0278277

PREP DATE: 10/02/00
COMP DATE: 10/03/00

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
0/00/00	10/06/00	E0I290371-015 **DLC83-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-017 **DLC85-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-018 **DLC86-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-019 **DLC87-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-021 **DLC89-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	0/00/00	E0J040000-277 **DLHH5-1-01B**		15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	0/00/00	E0J040000-277 **DLHH5-1-02C**		15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	GASOLINE TFT
COMMENTS:															

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

NUMBER OF WORK ORDERS IN BATCH: 24

BOE-C6-0159387

000968

56	Sample	i280315-13	315-13	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
57	Sample	i280315-14	315-14	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
58	Sample	i280315-15	315-15	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
59	Sample	lcs-gas	lcs-gas	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
60	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
61	Sample	i280315-16	315-16	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
62	Sample	i280315-17	315-17	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
	Sample	i280315-18	315-18	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
	Sample	i280315-19	315-19	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
65	Sample	i280315-20	315-20	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
66	Sample	i280315-23	315-23	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
67	Sample	i280315-24	315-24	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
68	Sample	315-14ms	315-14ms	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
69	Sample	315-14msd	315-14msd	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
70	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
71	Sample	I260291-13	291-13	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
72	Sample	I260291-17	291-17	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
73	Sample	i270333-19	333-19	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
74	Sample	i270333-20	333-20	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
75	Sample	LCS-S	LCS-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
76	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
77	Sample	BLK-S n/a	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
78	Sample	i290371-1	i290371-1	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
79	Sample	i290371-3	i290371-3	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
80	Sample	i290371-4	i290371-4	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
81	Sample	i290371-5	i290371-5	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
82	Sample	i290371-7	i290371-7	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
83	Sample	i290371-8	i290371-8	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
84	Sample	i290371-10	i290371-10	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
85	Sample	i290371-11	i290371-11	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
86	Sample	i290371-12	i290371-12	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
87	Sample	i290371-13	i290371-13	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
88	Sample	i290371-14	i290371-14	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
89	Sample	i290371-15	i290371-15	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
90	Sample	BLK	BLK	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
91	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
92	Sample	i290371-17	i290371-17	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
93	Sample	i290371-18	i290371-18	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
94	Sample	i290371-19	i290371-19	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
95	Sample	i290371-21	i290371-21	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
96	Sample	i290371-23	i290371-23	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
97	Sample	i290371-25	i290371-25	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
	Sample	i290371-26	i290371-26	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
	Sample	i290371-31	i290371-31	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
100	Sample	371-31ms	371-31ms	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
101	Sample	371-31msd	371-31msd	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
102	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
103	Sample	LCS-S	LCS-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
104	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
105	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
106	Sample	i290371-33	i290371-33	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
107	Sample	i290371-35	i290371-35	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
108	Sample	i290371-36	i290371-36	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
109	Sample	i290371-37	i290371-37	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
110	Sample	i290371-39	i290371-39	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
111	Sample	i290371-40	i290371-40	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
112	Sample	i290371-41	i290371-41	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
113	Sample	i290371-44	i290371-44	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
114	Sample	371-44ms	371-44ms	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
115	Sample	371-44msd	371-44msd	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
116	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
117	Sample			C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
118	Sample			C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
119	Sample			C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
120	Sample			C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
121	Sample	BLK	BLK	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
122	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
123	Sample	8021CCV	8021CCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
124	Sample			C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
125	Sample			C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000

Turbochrom Sequence File : C:\TC4\GC16AB\929.SEQ
Created by : LY on : 10/1/00 09:22 AM
Edited by : JKA on : 10/3/00 04:25 PM
Description : **********STANDARD ID**********
INICAL/CCV STD: TVPH #122-2
QC/2ND SOURCE STD: TVPH #121-1
SURROGATE: TFT #126-1

Number of Times Edited : 14

Sequence File Header Information:

Number of Rows : 125
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	9/30/00	BLK	9/30/00	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	LCS-S	LCS-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
4	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
5	Sample	i260291-13	291-13	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
6	Sample	i260291-14	291-14	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
7	Sample	i260291-16	291-16	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
8	Sample	i260291-17	291-17	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
9	Sample	i260291-18	291-18	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
10	Sample	i260291-19	291-19	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
11	Sample	i260291-20	291-20	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
	Sample	i260291-21	291-21	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
13	Sample	i260291-22	291-22	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
14	Sample	i260291-23	291-23	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
15	Sample	i260291-24	291-24	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
16	Sample	i260291-25	291-25	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
17	Sample	i260291-26	291-26	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
18	Sample	i260291-8	291-8	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
19	Sample	i260291-11	291-11	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
20	Sample	i260291-12	291-12	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
21	Sample	291-21ms	291-21ms	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
22	Sample	291-21msd	291-21msd	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
23	Sample	BLK	BLK	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
24	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
25	Sample	i270233-17	i270233-17	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
26	Sample	i270233-18	i270233-18	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
27	Sample	i270233-19	i270233-19	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
28	Sample	i270233-20	i270233-20	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
29	Sample	LCS-S	LCS-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
30	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
31	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
32	Sample	i270233-21	i270233-21	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
33	Sample	i270233-22	i270233-22	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
34	Sample	i270233-23	i270233-23	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
35	Sample	i270233-24	i270233-24	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
36	Sample	i270233-26	i270233-26	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
37	Sample	233-24ms	233-24ms	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
38	Sample	233-24msd	233-24msd	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
39	Sample	i280315-1	280315-1	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
40	Sample	i280315-2	315-2	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
41	Sample	i280315-3	315-3	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
42	Sample	i280315-4	315-4	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
43	Sample	i280315-5	315-5	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
44	Sample	i280315-6	315-6	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
45	Sample	BLK	BLK	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
46	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
7	Sample	i280315-7	315-7	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
3	Sample	i280315-8	315-8	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
49	Sample	i280315-9	315-9	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
50	Sample	i280315-10	315-10	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
51	Sample	LCS-S	LCS-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
52	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
53	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
54	Sample	i280315-11	315-11	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
55	Sample	i280315-12	315-12	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000

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

gas ccv
SA 10/2/00

Time : 10/2/00 08:41 PM
Study : C6-C8 LOW

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

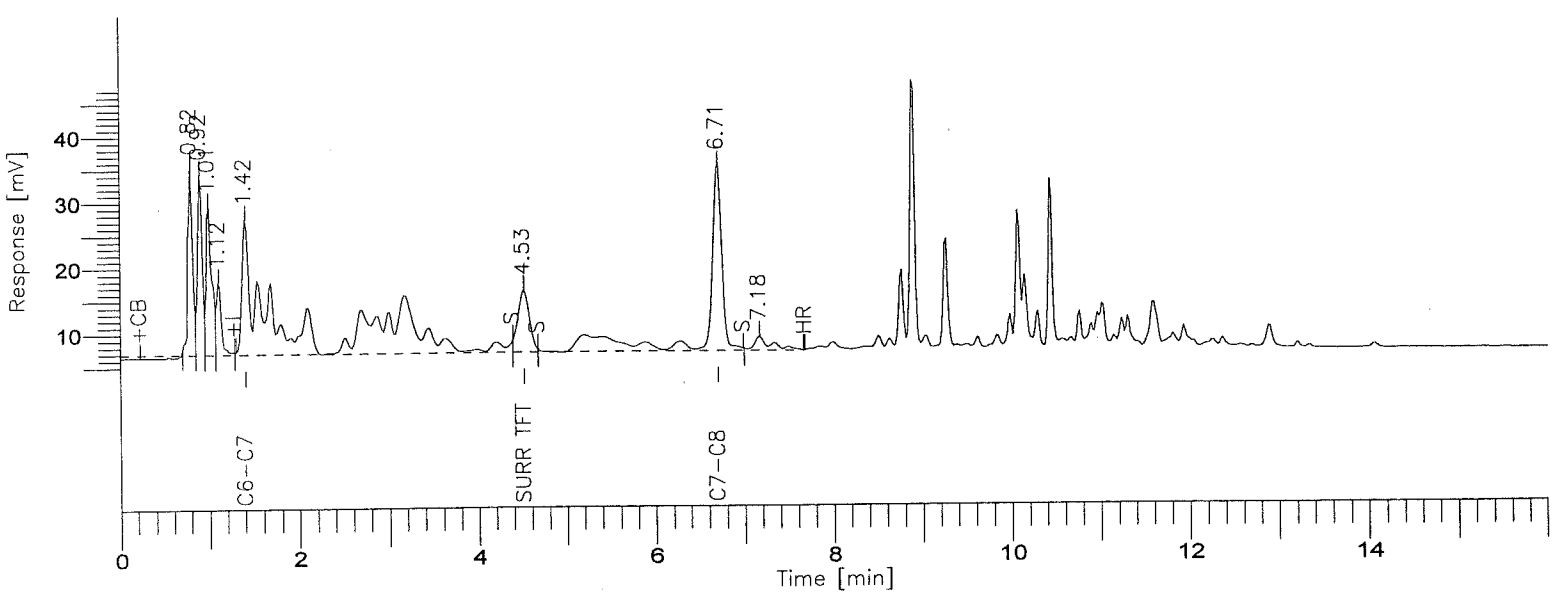
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/2/00 07:29 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A070.RAW
Result File : C:\TC4\GC16AB\929A070.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A070.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A070.RST
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A070.RST
Sequence File : C:\TC4\GC16AB\929.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
4.53	SURR TFT	84786	0.0435	0.0400	8.8
6.71	GASOLINE RANGE	925460	1.0656	1.0000	6.6
		1010246			

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
1.42	C6-C7	621611	1.0268	1.0000	2.7
6.71	C7-C8	303849	1.1519	1.0000	15.2
		925460			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A070.TX0

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

Time : 10/3/00 06:38 AM
Study : C6-C8 LOW

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

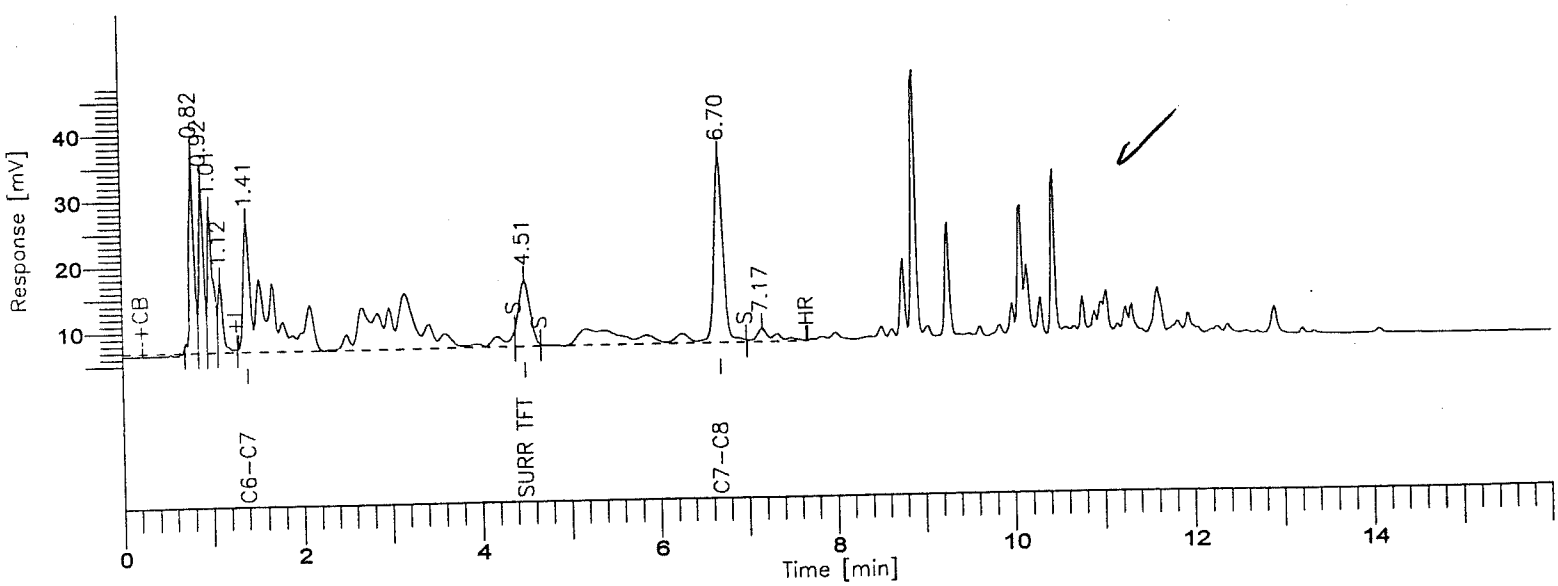
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 06:21 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A091.RAW
Result File : C:\TC4\GC16AB\929A091.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A091.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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

000973

BOE-C6-0159392

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
4.51	SURR TFT	85916	0.0439	0.0400	9.8
6.70	GASOLINE RANGE	894804	1.0296	1.0000	3.0
		980720			

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
1.41	C6-C7	597681	0.9861	1.0000	-1.4
6.70	C7-C8	297123	1.1265	1.0000	12.6
		894804			

SFL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A091.TX0

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

Time : 10/3/00 11:51 AM
Study : C6-C8 LOW

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

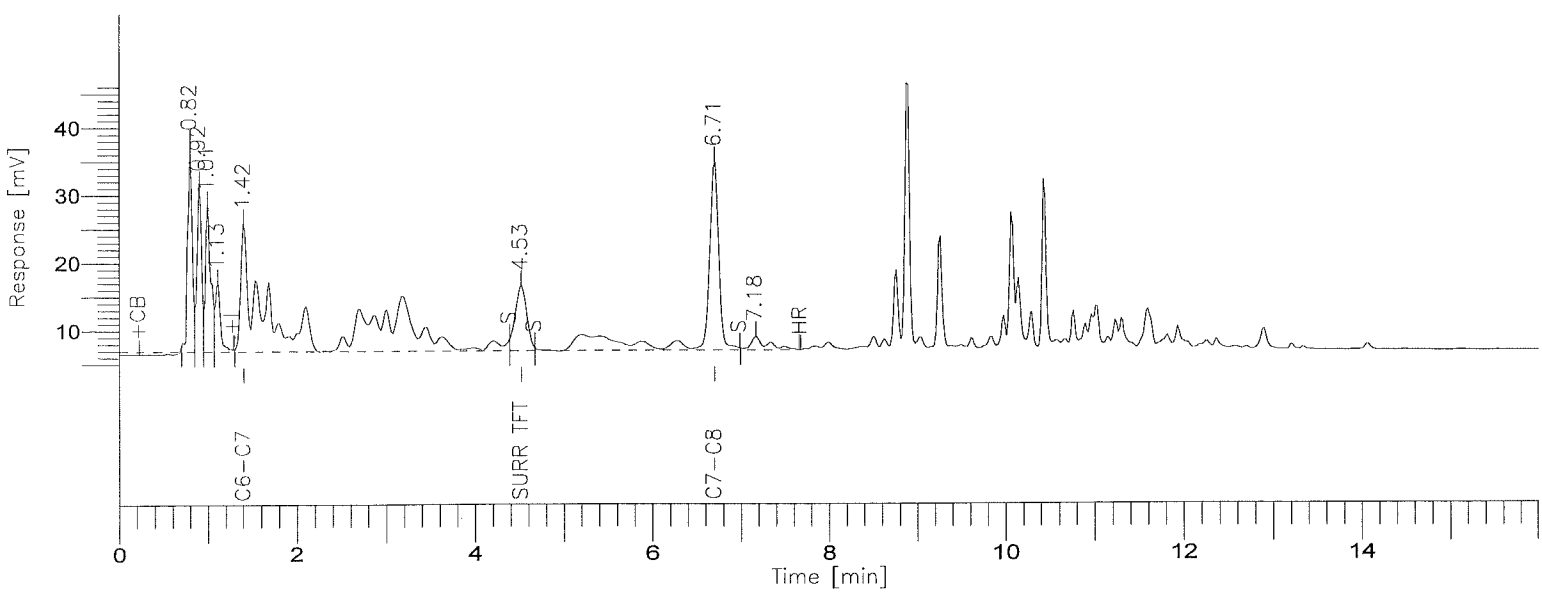
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 11:35 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A102.RAW
Result File : C:\TC4\GC16AB\929A102.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A102.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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

000975

BOE-C6-0159394

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
4.53	SURR TFT	87059	0.0444	0.0400	10.9
6.71	GASOLINE RANGE	877621	1.0095	1.0000	0.9
		964680			

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
1.42	C6-C7	584890	0.9644	1.0000	-3.6
6.71	C7-C8	292731	1.1099	1.0000	11.0
		877621			

SrL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A102.TX0

Lot/Sample: E0J040000-277B INTRA-LAB BLANK TICs.....: N Report Results: Y
WO#.....: DLHH5-1-01 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: 10/02/00
Inject Time..: 23:14 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A076
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:11:28
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
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	0.1835	91.75		

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

Time : 10/2/00 11:30 PM
Study : C6-C8 LOW

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

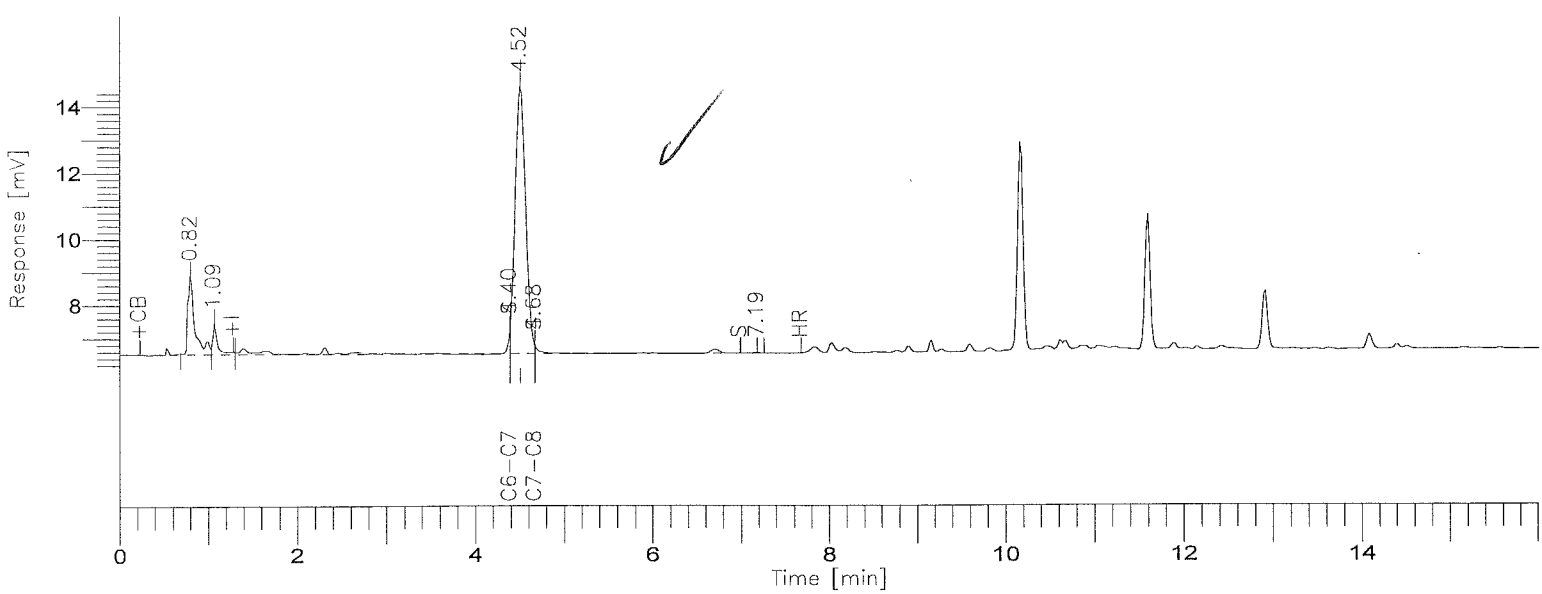
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/2/00 11:14 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A076.RAW
Result File : C:\TC4\GC16AB\929A076.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A076.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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	5717	-0.0650	-----	1.00		-0.0130
4.52	SURR TFT	67370	0.1835	91.8	0.00		0.0367
		73087					0.0237

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	5068	-0.1056	-----	1.00		-0.0211
4.68	C7-C8	649	0.0252	-----	1.00		0.0050
		5717					-0.0161

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A076.TX0

Lot/Sample: E0J040000-277C INTRA-LAB CHECK TICs.....: N Report Results: Y
WO#.....: DLHH5-1-02 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: 10/02/00
Inject Time..: 22:45 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A075
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 11:56:43
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
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
04863	Gasoline Range Organics			5.0	NA	0	0		NA
02909	TPH (as Gasoline)			5.0	6.4600	129.2	0		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.2111	105.55		

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

Time : 10/2/00 11:01 PM
Study : C6-C8 LOW

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

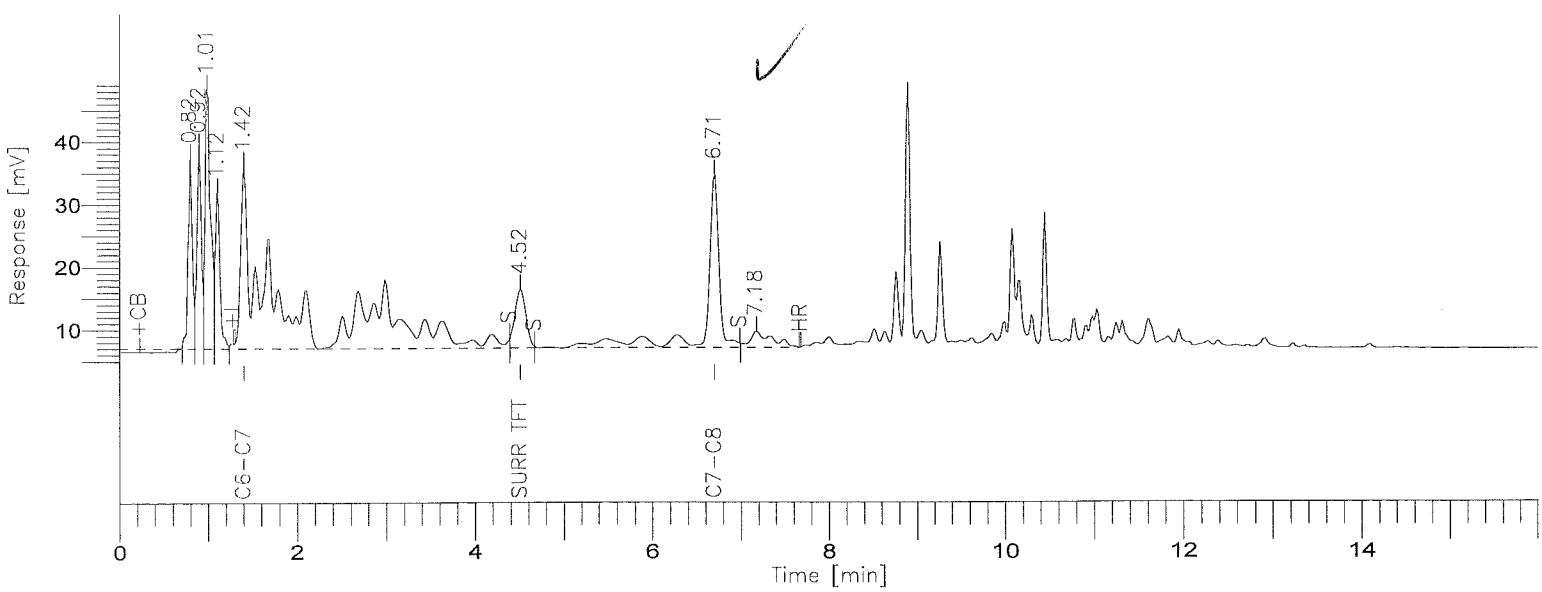
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/2/00 10:45 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A075.RAW
Result File : C:\TC4\GC16AB\929A075.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A075.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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)
1.42	GASOLINE RANGE	1118555	6.4600	1.0000	129.2		1.2920
4.52	SURR TFT	81297	0.2111	0.0400	105.6		0.0422
		1199852					1.3342

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	847246	7.0513	1.0000	141.0		1.4103
6.71	C7-C8	271309	5.1441	1.0000	102.9		1.0288
		1118555					2.4391

'L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A075.TX0

Lot/Sample: E0I290371-001 C-2-9-5 TICs.....: N Report Results: Y
WO#.....: DLC7J-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: 10/03/00
Inject Time..: 0:11 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A078
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:11:39
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	0.1831	91.55		

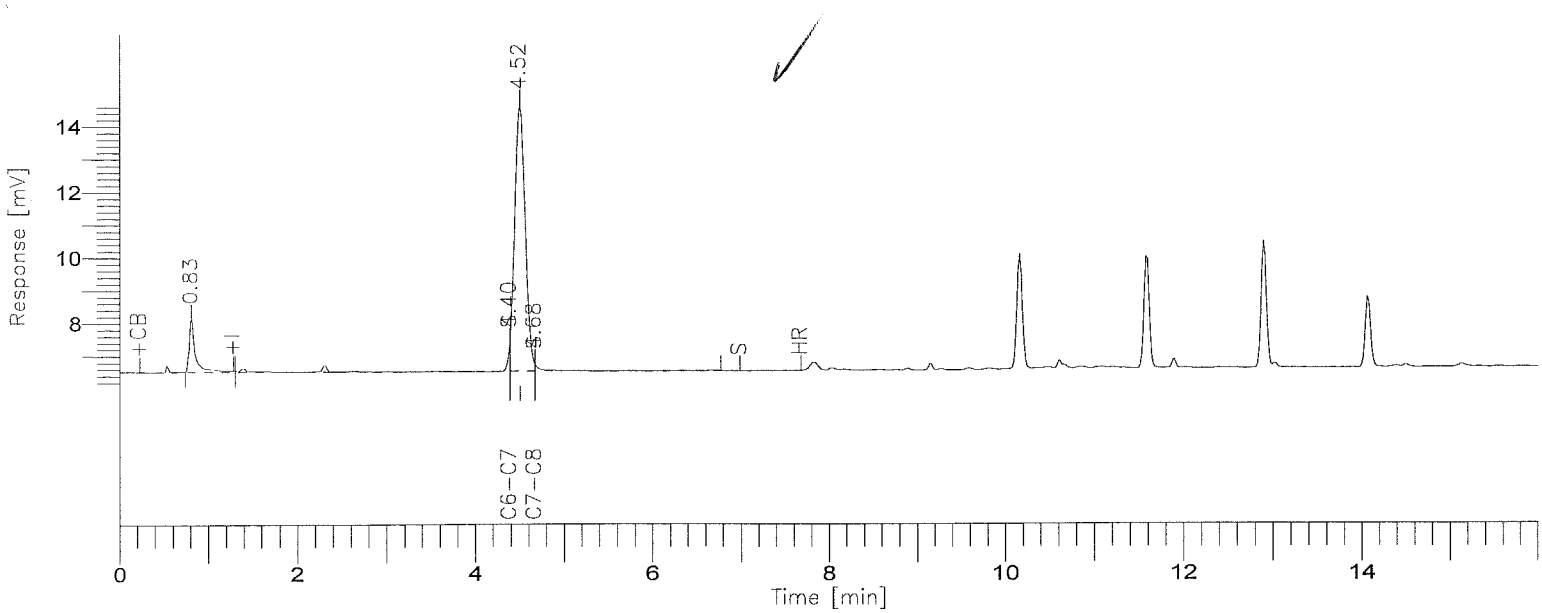
Software Version: 4.1<2F12>
Sample Name : i290371-1 Time : 10/3/00 12:27 AM
Sample Number: i290371-1 Study : C6-C8 LOW
Operator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 12:11 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A078.RAW
Result File : C:\TC4\GC16AB\929A078.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A078.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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	2157	-0.0859	-----	1.00		-0.0172
4.52	SURR TFT	67168	0.1831	91.6	0.00		0.0366
		69325					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	1692	-0.1343	-----	1.00		-0.0269
4.68	C7-C8	465	0.0217	-----	1.00		0.0043
		2157					-0.0225

TL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A078.TX0

Lot/Sample: E0I290371-003 C-2-10-1 TICs.....: N Report Results: Y
WO#.....: DLC7L-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: 10/03/00
Inject Time..: 0:39 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A079
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:11:46
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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		

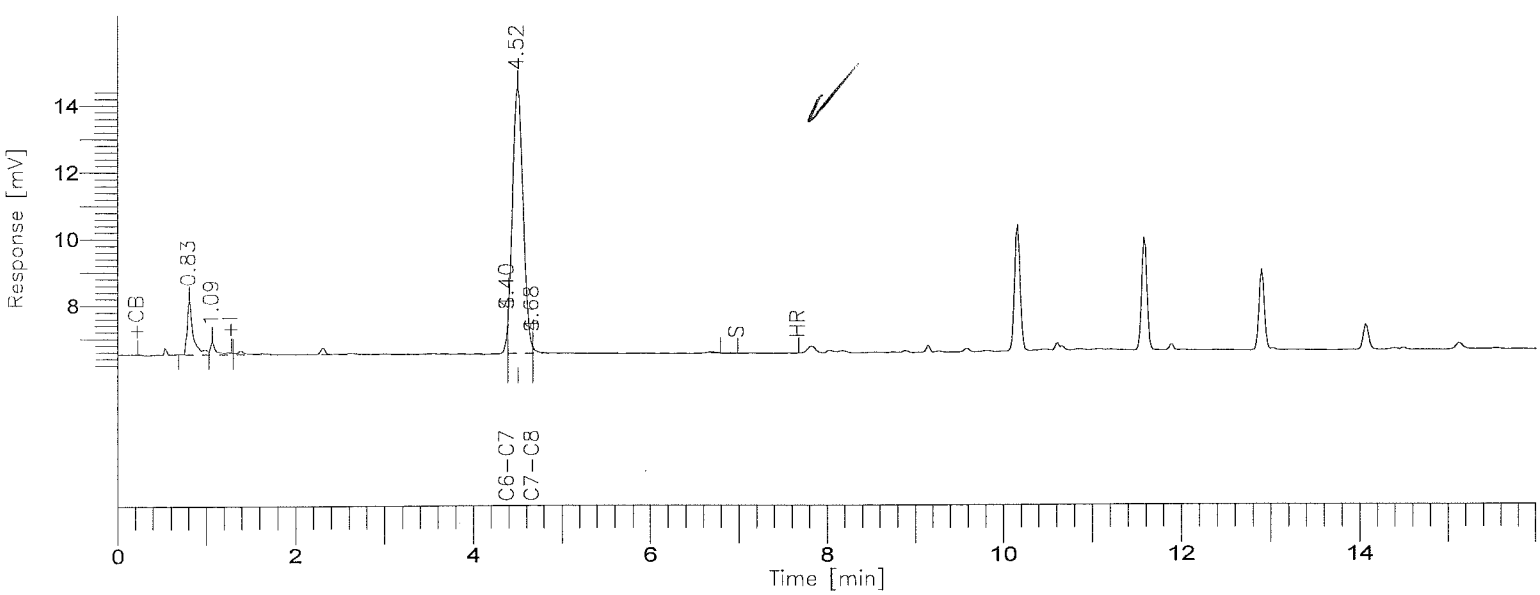
Software Version: 4.1<2F12>
Sample Name : i290371-3 Time : 10/3/00 12:55 AM
Sample Number: i290371-3 Study : C6-C8 LOW
Operator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 12:39 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A079.RAW
Result File : C:\TC4\GC16AB\929A079.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A079.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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	2946	-0.0813	-----	1.00		-0.0163
4.52	SURR TFT	66657	0.1820	91.0	0.00		0.0364
		69603					0.0201

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	2826	-0.1246	-----	1.00		-0.0249
4.68	C7-C8	120	0.0152	-----	1.00		0.0030
		2946					-0.0219

CTL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A079.TX0

Lot/Sample: E0I290371-004 C-2-10-5 TICs.....: N Report Results: Y
WO#.....: DLC7N-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: 10/03/00
Inject Time..: 1:08 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A080
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:11:52
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	0.1788	89.4		

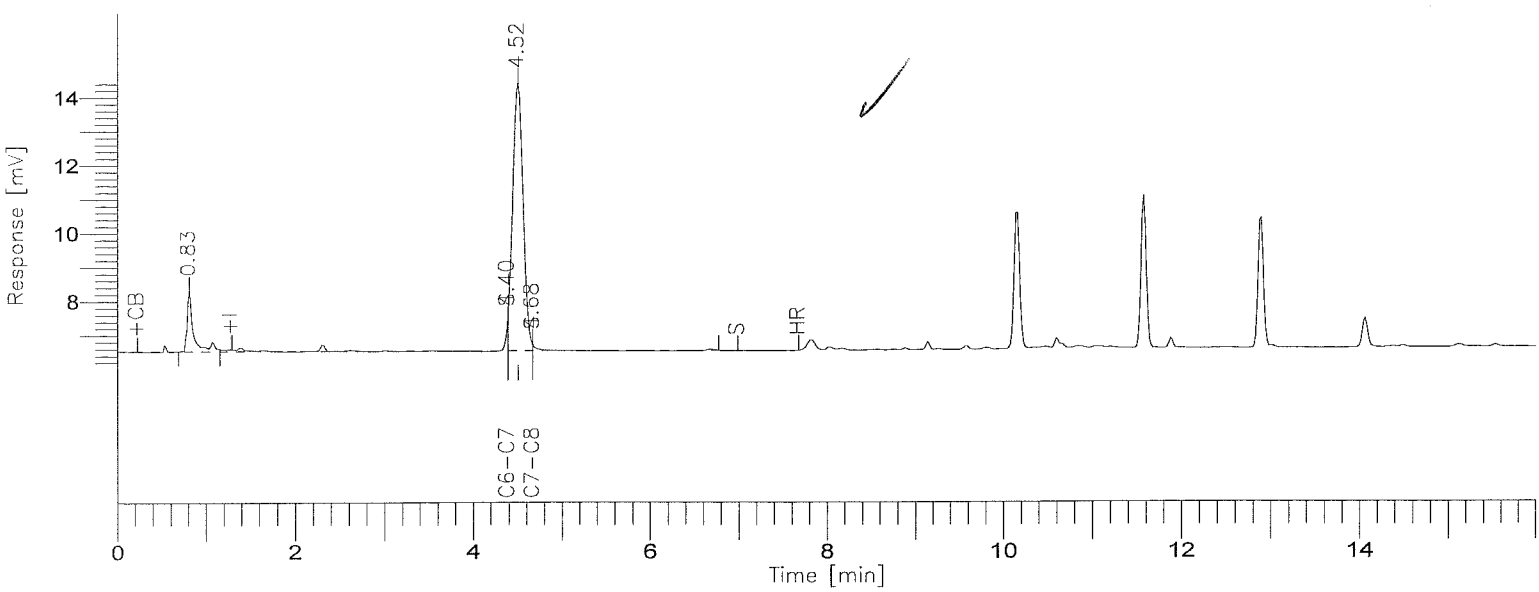
Software Version: 4.1<2F12>
Sample Name : i290371-4 Time : 10/3/00 01:24 AM
Sample Number: i290371-4 Study : C6-C8 LOW
Operator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 01:08 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A080.RAW
Result File : C:\TC4\GC16AB\929A080.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A080.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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	2852	-0.0818	-----	1.00		-0.0164
4.51	SURR TFT	65135	0.1788	89.4	0.00		0.0358
		67987					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	2626	-0.1263	-----	1.00		-0.0253
4.68	C7-C8	226	0.0172	-----	1.00		0.0034
		2852					-0.0218

CTL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A080.TX0

Lot/Sample: E0I290371-005 C-2-11-5 TICs.....: N Report Results: Y
WO#.....: DLC7P-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: 10/03/00
Inject Time..: 1:36 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A081
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:11:58
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	0.1838	91.9		

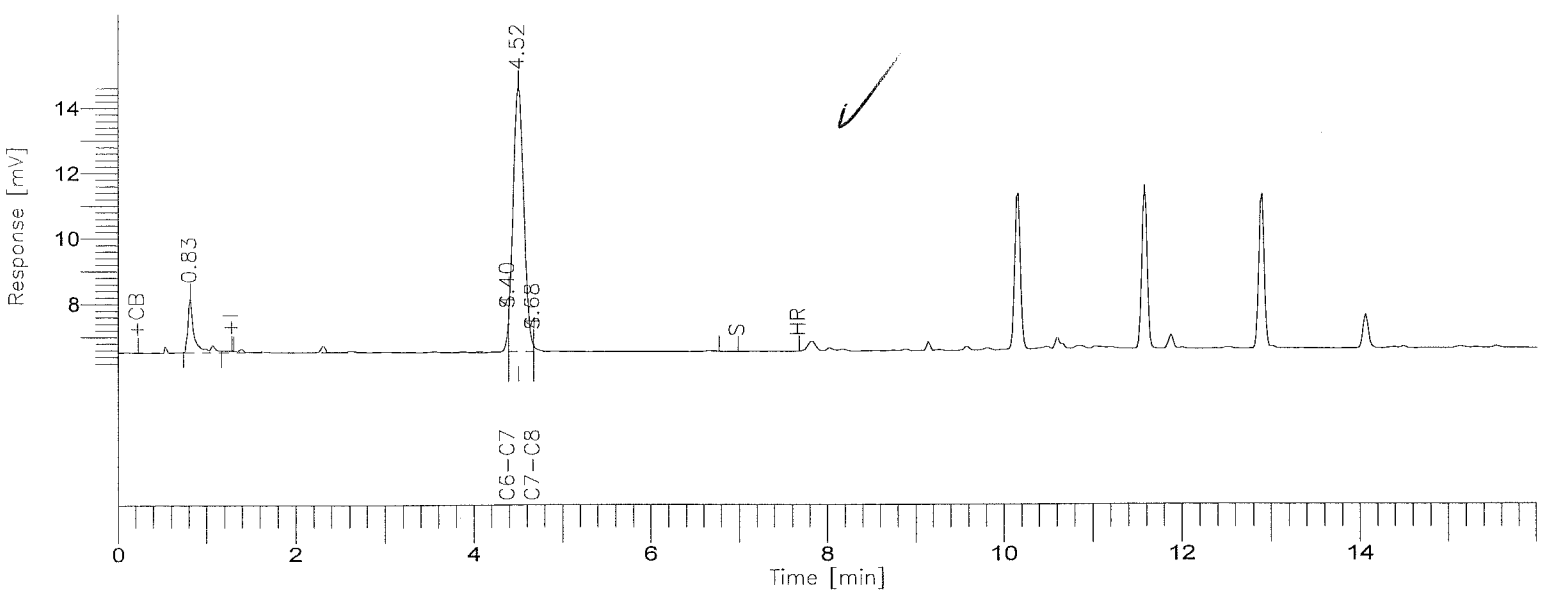
Software Version: 4.1<2F12>
Sample Name : i290371-5 Time : 10/3/00 01:52 AM
Sample Number: i290371-5 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 01:36 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A081.RAW
Result File : C:\TC4\GC16AB\929A081.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A081.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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	2185	-0.0858	-----	1.00		-0.0172
4.52	SURR TFT	67472	0.1838	91.9	0.00		0.0368
		69657					0.0196

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	1805	-0.1333	-----	1.00		-0.0267
4.68	C7-C8	380	0.0201	-----	1.00		0.0040
		2185					-0.0226

[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A081.TX0

Lot/Sample: E0I290371-007 C-2-12-3 TICs.....: N Report Results: Y
WO#.....: DLC7R-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: 10/03/00
Inject Time..: 2:05 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A082
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:12:10
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	0.1855	92.75		

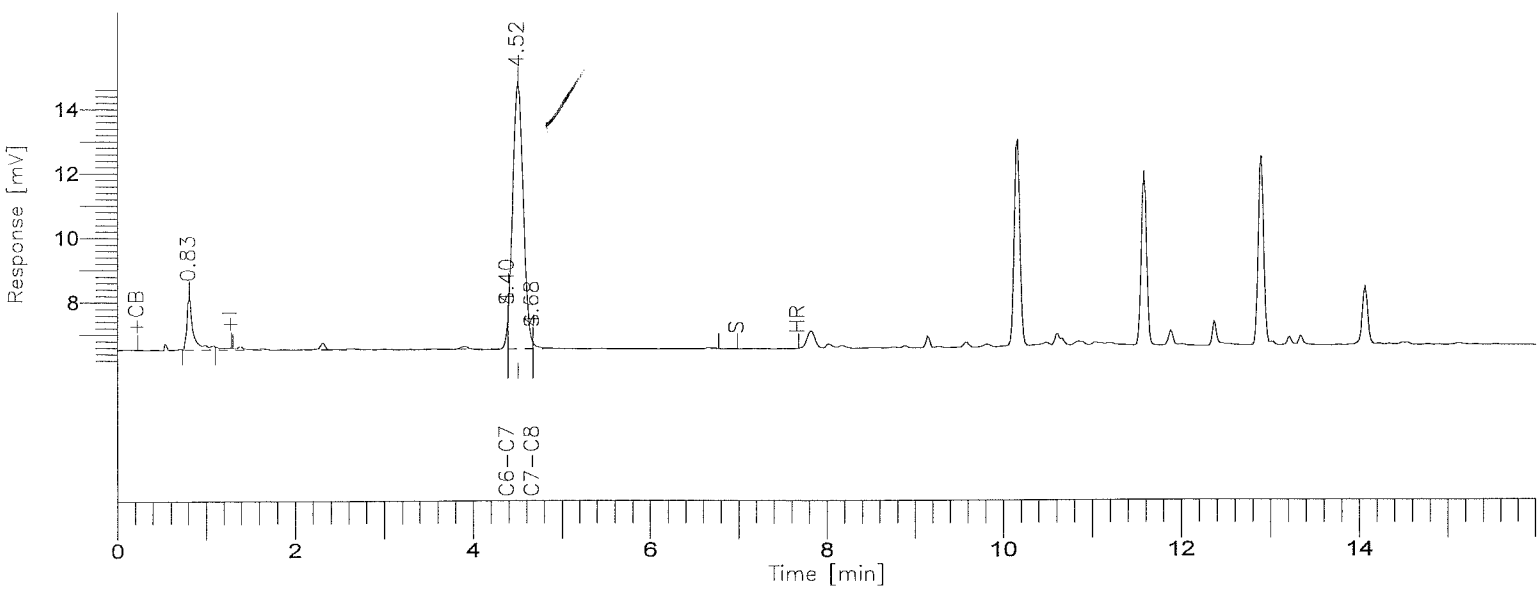
Software Version: 4.1<2F12>
Sample Name : i290371-7 Time : 10/3/00 02:21 AM
Sample Number: i290371-7 Study : C6-C8 LOW
Operator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 02:05 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A082.RAW
Result File : C:\TC4\GC16AB\929A082.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A082.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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	3491	-0.0781	-----	1.00		-0.0156
4.52	SURR TFT	68329	0.1855	92.8	0.00		0.0371
		71820					0.0215

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	3016	-0.1230	-----	1.00		-0.0246
4.68	C7-C8	475	0.0219	-----	1.00		0.0044
		3491					-0.0202

CTL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A082.TX0

Lot/Sample: E0I290371-008 C-2-13-5 TICs.....: N Report Results: Y
WO#.....: DLC7T-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: 10/03/00
Inject Time..: 2:33 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A083
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:12:18
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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		

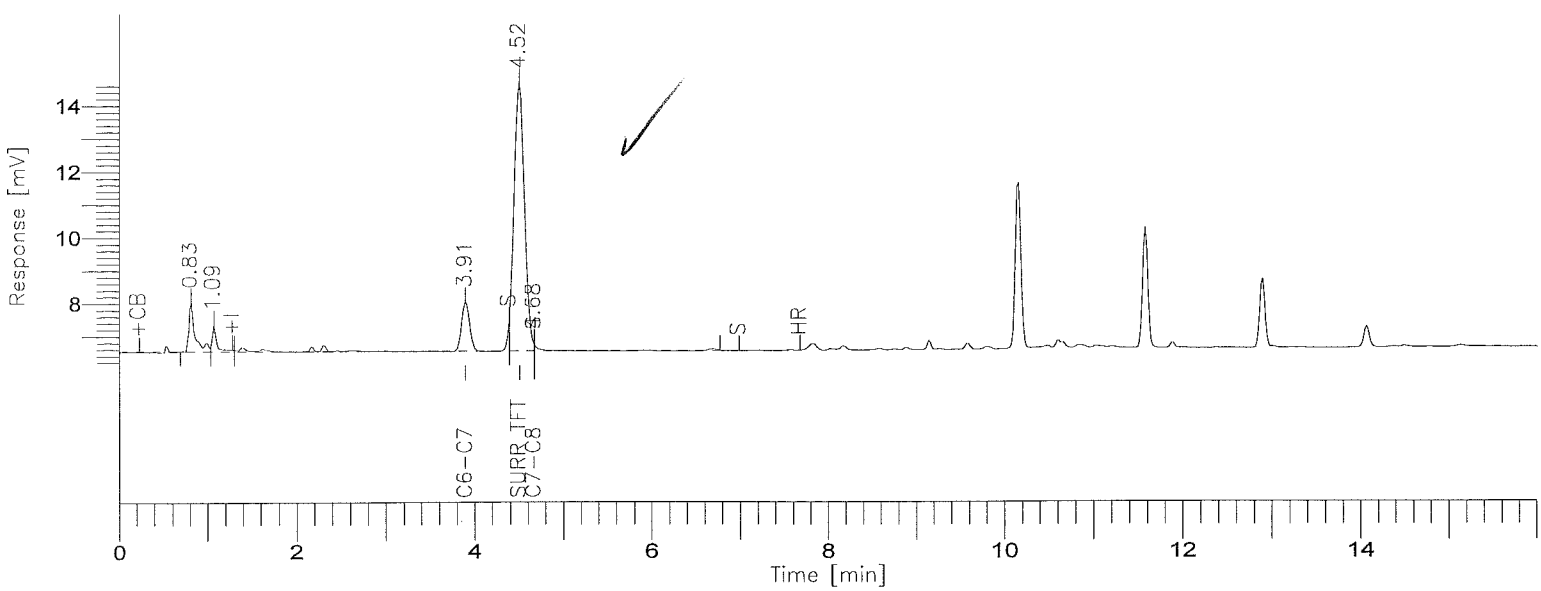
Software Version: 4.1<2F12>
Sample Name : i290371-8 Time : 10/3/00 02:49 AM
Sample Number: i290371-8 Study : C6-C8 LOW
C rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 02:33 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A083.RAW
Result File : C:\TC4\GC16AB\929A083.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A083.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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)
3.91	GASOLINE RANGE	13115	-0.0217	-----	1.00		-0.0043
4.52	SURR TFT	67057	0.1829	91.4	0.00		0.0366
		80172					0.0322

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
3.91	C6-C7	12861	-0.0394	-----	1.00		-0.0079
4.68	C7-C8	254	0.0177	-----	1.00		0.0035
		13115					-0.0043

[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A083.TX0

Lot/Sample: E0I290371-010 C-2-14-5 TICs.....: N Report Results: Y
WO#.....: DLC7W-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: 10/03/00
Inject Time..: 3:02 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A084
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:12:25
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	0.1841	92.05		

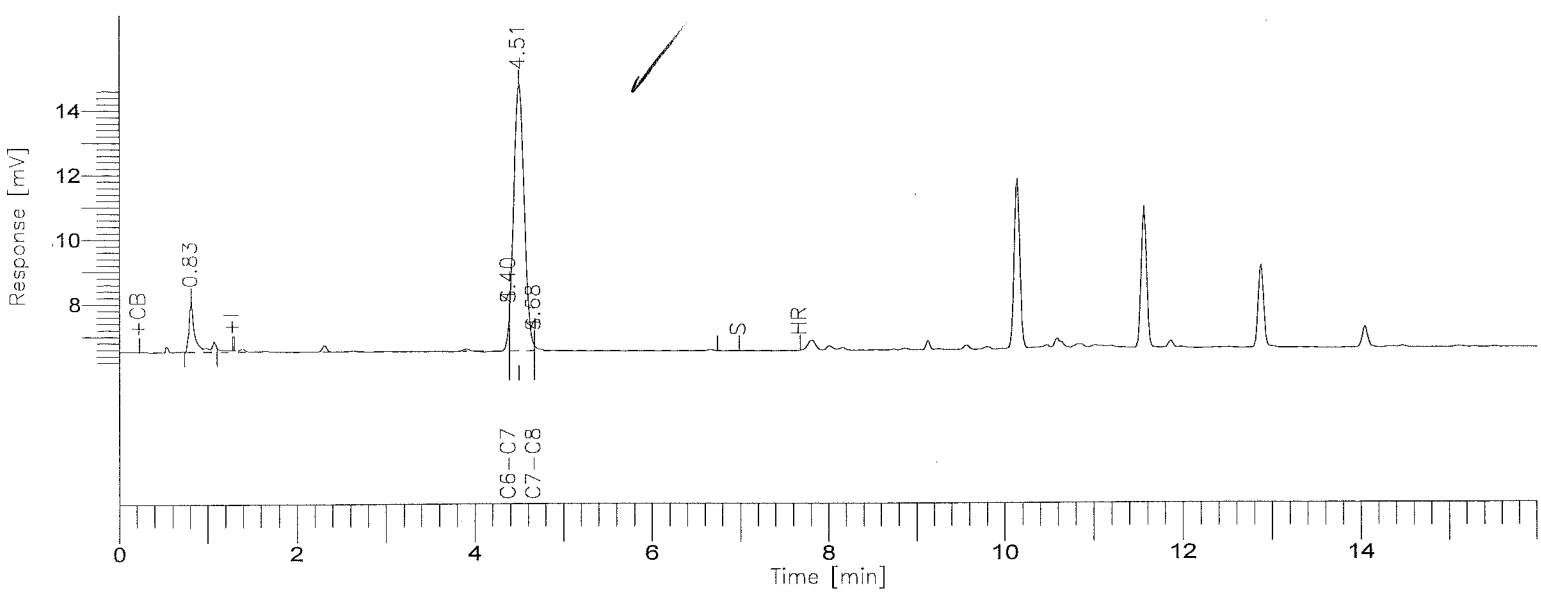
Software Version: 4.1<2F12>
Sample Name : i290371-10 Time : 10/3/00 03:18 AM
Sample Number: i290371-10 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 03:02 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A084.RAW
Result File : C:\TC4\GC16AB\929A084.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A084.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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

001002

BOE-C6-0159421

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	3100	-0.0804	-----	1.00		-0.0161
4.51	SURR TFT	67642	0.1841	92.1	0.00		0.0368
		70742					0.0207

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	2150	-0.1304	-----	1.00		-0.0261
4.68	C7-C8	950	0.0309	-----	1.00		0.0062
		3100					-0.0199

CTL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A084.TX0

Lot/Sample: E0I290371-011 C-2-14-10 TICs.....: N Report Results: Y
WO#.....: DLC7X-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: 10/03/00
Inject Time..: 3:30 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A085
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:12:31
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	0.1840	92		

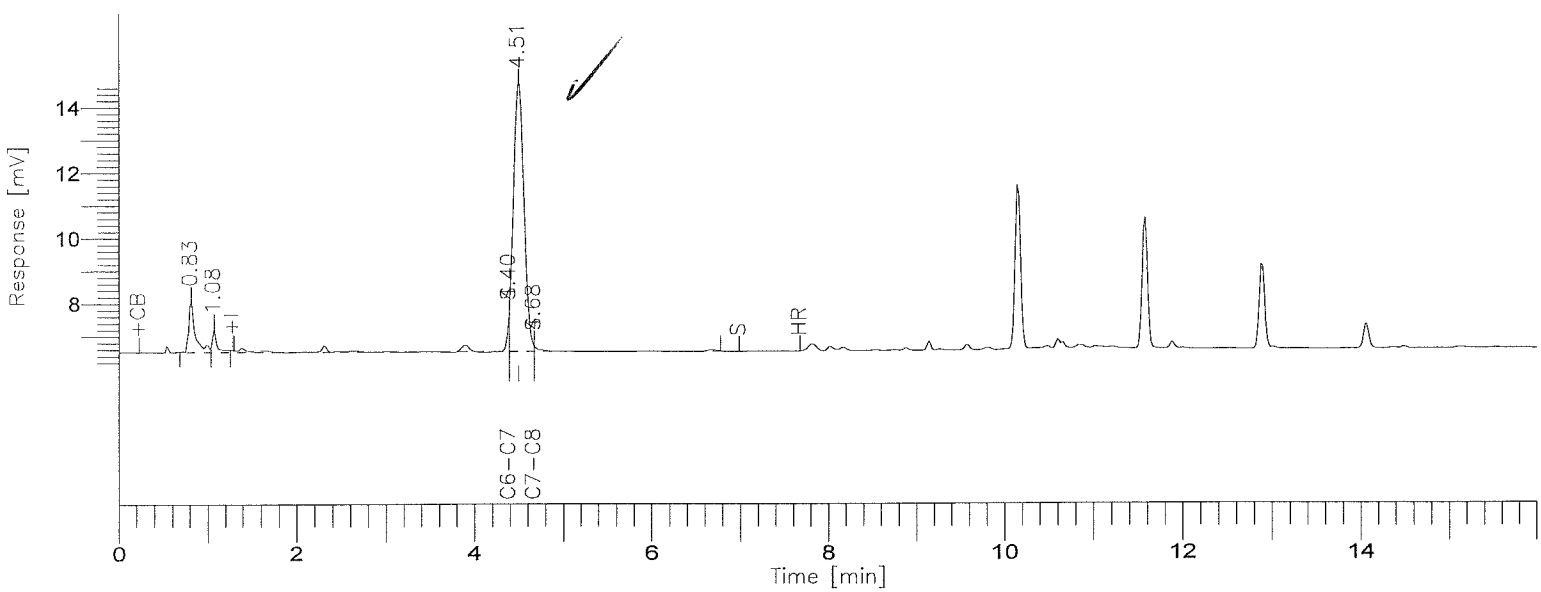
Software Version: 4.1<2F12>
Sample Name : i290371-11 Time : 10/3/00 03:46 AM
Sample Number: i290371-11 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 03:30 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A085.RAW
Result File : C:\TC4\GC16AB\929A085.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A085.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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

001005

BOE-C6-0159424

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	4667	-0.0712	-----	1.00		-0.0142
4.51	SURR TFT	67592	0.1840	92.0	0.00		0.0368
		72259					0.0226

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	4008	-0.1146	-----	1.00		-0.0229
4.68	C7-C8	659	0.0254	-----	1.00		0.0051
		4667					-0.0178

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A085.TX0

Lot/Sample: E0I290371-012 C-2-14-15 TICs.....: N Report Results: Y
WO#.....: DLC80-1-03 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: 10/03/00
Inject Time..: 3:59 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A086
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:12:39
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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		

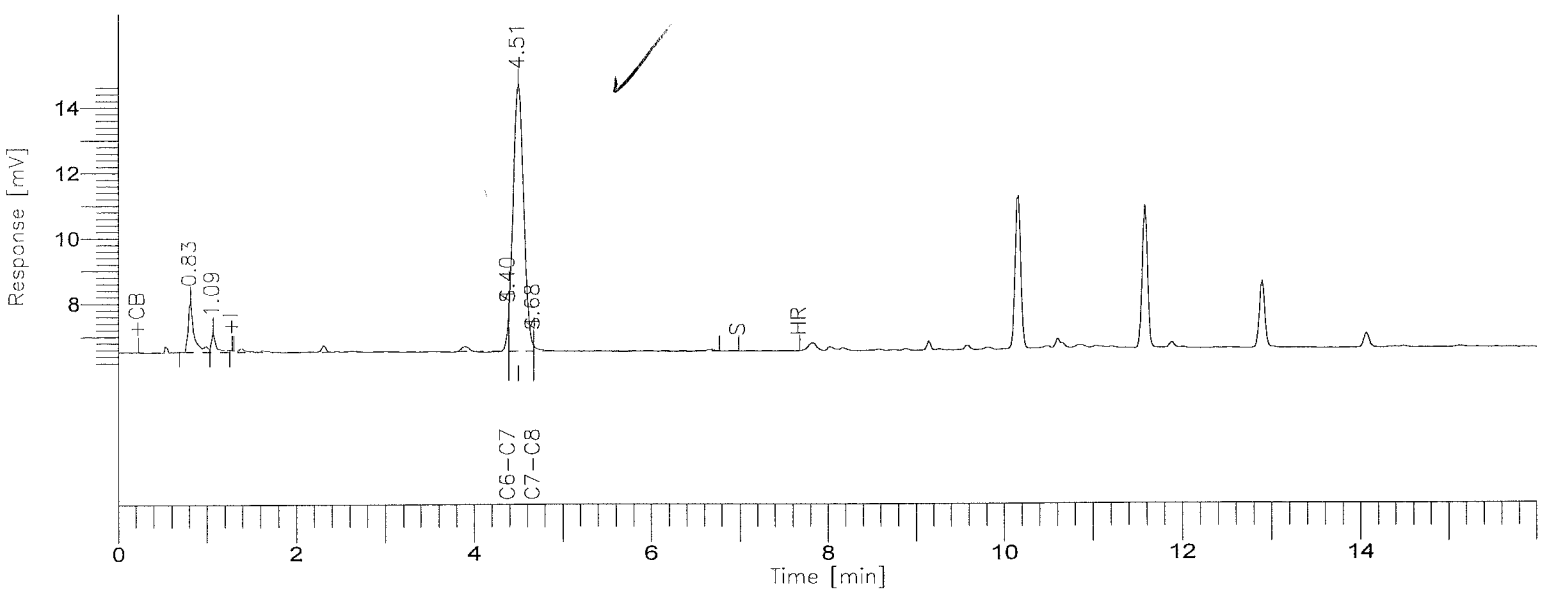
Software Version: 4.1<2F12>
Sample Name : i290371-12 Time : 10/3/00 04:15 AM
Sample Number: i290371-12 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 03:59 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A086.RAW
Result File : C:\TC4\GC16AB\929A086.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A086.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.SEQ

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



8015B(TVPH)

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GC-16/FID COLUMN: DB-624

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Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	4116	-0.0744	-----	1.00		-0.0149
4.51	SURR TFT	67383	0.1836	91.8	0.00		0.0367
		71499					0.0218

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	3977	-0.1149	-----	1.00		-0.0230
4.68	C7-C8	139	0.0155	-----	1.00		0.0031
		4116					-0.0199

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A086.TX0

Lot/Sample: E0I290371-013 C-2-15-1 TICs.....: N Report Results: Y
WO#.....: DLC81-1-03 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: 10/03/00
Inject Time..: 4:27 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A087
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:12:45
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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		

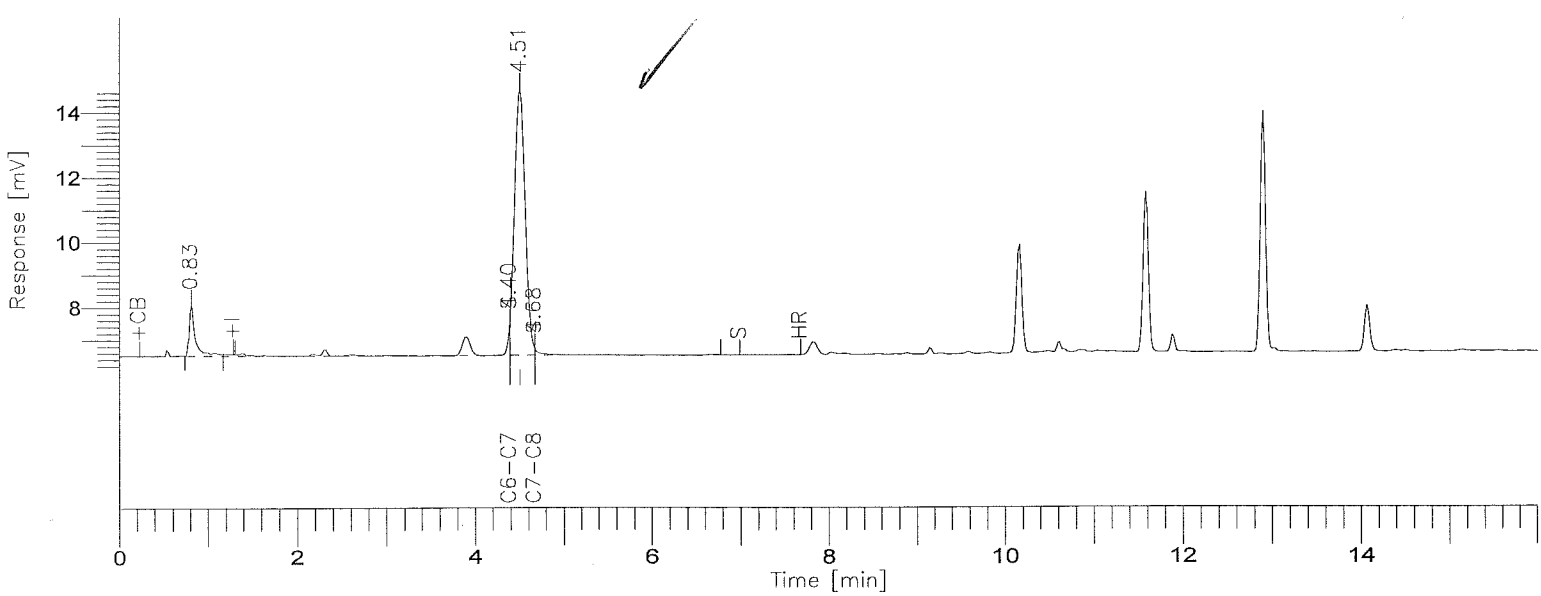
Software Version: 4.1<2F12>
Sample Name : i290371-13 Time : 10/3/00 04:43 AM
Sample Number: i290371-13 Study : C6-C8 LOW
Operator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 04:27 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A087.RAW
Result File : C:\TC4\GC16AB\929A087.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A087.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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	6341	-0.0614	-----	1.00		-0.0123
4.51	SURR TFT	67872	0.1846	92.3	0.00		0.0369
		74213					0.0246

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	6144	-0.0964	-----	1.00		-0.0193
4.68	C7-C8	197	0.0166	-----	1.00		0.0033
		6341					-0.0160

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A087.TX0

Lot/Sample: E0I290371-014 C-2-15-5 TICs.....: N Report Results: Y
WO#.....: DLC82-1-03 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: 10/03/00
Inject Time..: 4:56 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A088
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:16:25
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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		

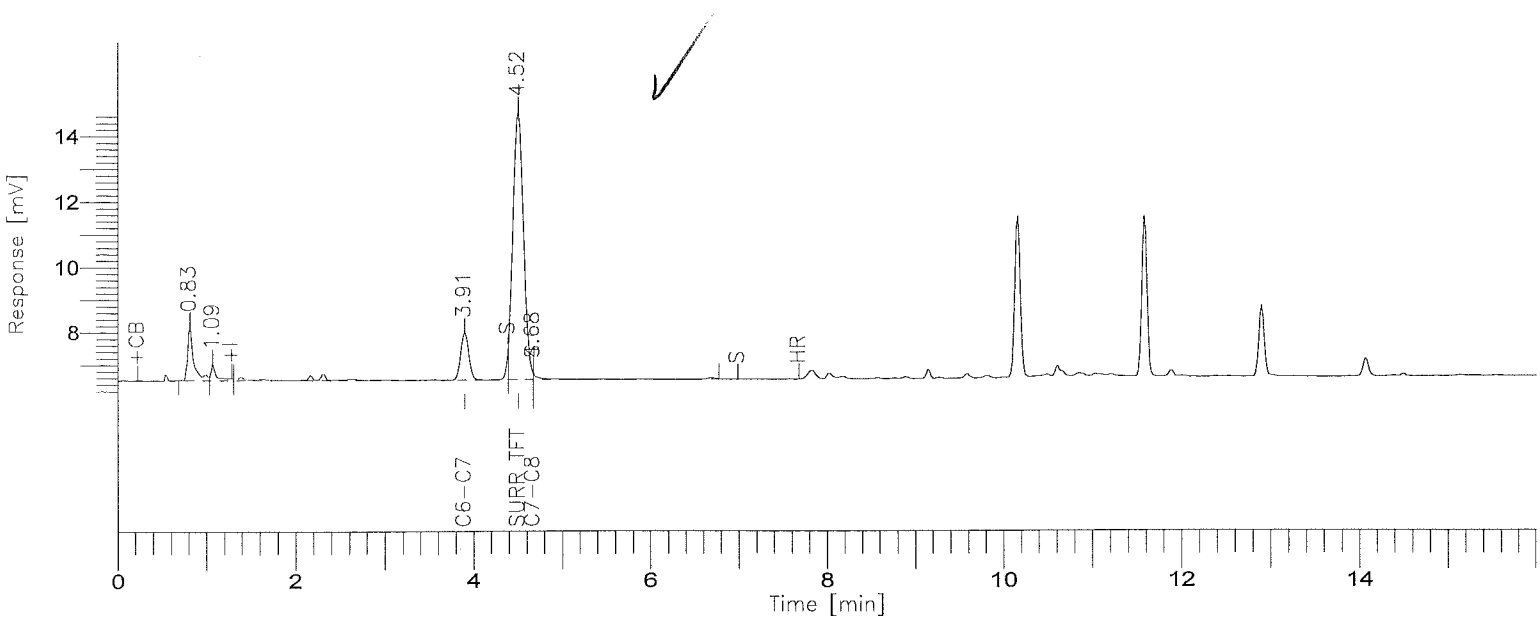
Software Version: 4.1<2F12>
Sample Name : i290371-14 Time : 10/3/00 05:12 AM
Sample Number: i290371-14 Study : C6-C8 LOW
Operator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 04:56 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A088.RAW
Result File : C:\TC4\GC16AB\929A088.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A088.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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

001013

BOE-C6-0159433

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
3.91	GASOLINE RANGE	12268	-0.0266	-----	1.00		-0.0053
4.51	SURR TFT	67866	0.1846	92.3	0.00		0.0369
		80134					0.0316

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
3.91	C6-C7	12135	-0.0455	-----	1.00		-0.0091
4.68	C7-C8	133	0.0154	-----	1.00		0.0031
		12268					-0.0060

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A088.TX0

Lot/Sample: E0I290371-015 C-2-16-5 TICs.....: N Report Results: Y
WO#.....: DLC83-1-03 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: 10/03/00
Inject Time..: 5:24 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A089
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:21:21
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	0.1841	92.05		

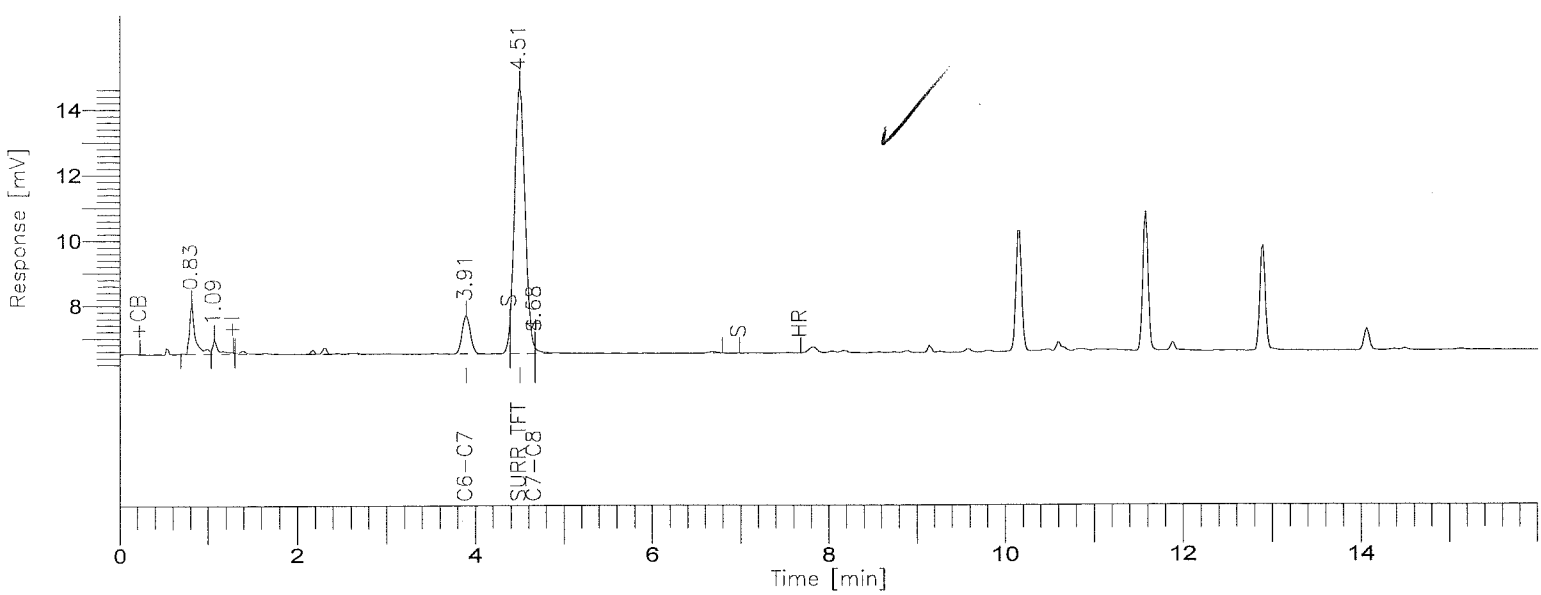
Software Version: 4.1<2F12>
Sample Name : i290371-15 Time : 10/3/00 05:40 AM
Sample Number: i290371-15 Study : C6-C8 LOW
rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 05:24 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A089.RAW
Result File : C:\TC4\GC16AB\929A089.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A089.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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)
3.91	GASOLINE RANGE	10832	-0.0351	-----	1.00		-0.0070
4.51	SURR TFT	67644	0.1841	92.1	0.00		0.0368
		78476					0.0298

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
3.91	C6-C7	10767	-0.0572	-----	1.00		-0.0114
4.68	C7-C8	65	0.0141	-----	1.00		0.0028
		10832					-0.0086

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A089.TX0

Lot/Sample: E0I290371-017 C-2-17-1 TICs.....: N Report Results: Y
WO#.....: DLC85-1-03 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: 10/03/00
Inject Time..: 6:50 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A092
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:21:44
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	0.1823	91.15		

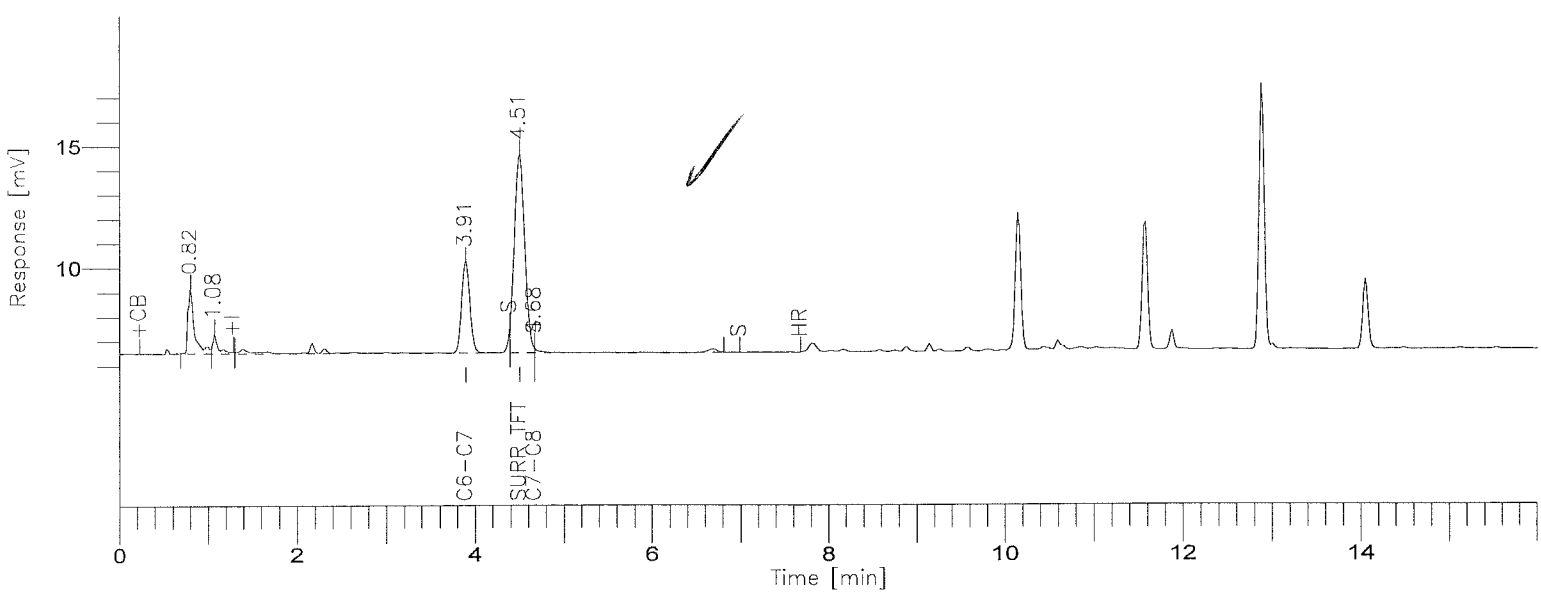
Software Version: 4.1<2F12>
Sample Name : i290371-17 Time : 10/3/00 07:06 AM
Sample Number: i290371-17 Study : C6-C8 LOW
Operator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 06:50 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A092.RAW
Result File : C:\TC4\GC16AB\929A092.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A092.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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)
3.91	GASOLINE RANGE	30082	0.0778	-----	1.00		0.0156
4.51	SURR TFT	66799	0.1823	91.2	0.00		0.0365
		96881					0.0520

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
3.91	C6-C7	29965	0.1060	-----	1.00		0.0212
4.68	C7-C8	117	0.0151	-----	1.00		0.0030
		30082					0.0242

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A092.TX0

Lot/Sample: E0I290371-018 C-2-17-5 TICs.....: N Report Results: Y
WO#.....: DLC86-1-03 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: 10/03/00
Inject Time..: 7:18 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A093
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:21:51
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	0.1834	91.7		

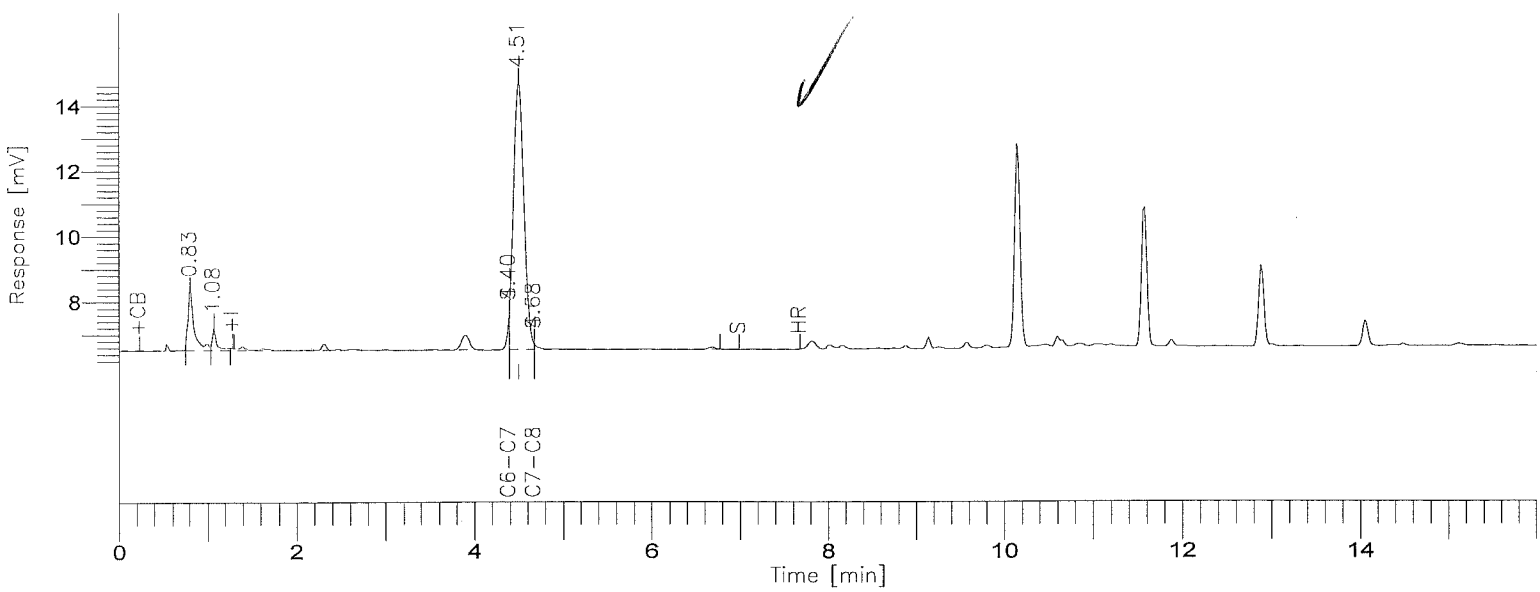
Software Version: 4.1<2F12>
Sample Name : i290371-18 Time : 10/3/00 07:35 AM
Sample Number: i290371-18 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 07:18 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A093.RAW
Result File : C:\TC4\GC16AB\929A093.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A093.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.SEQ

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



8015B(TVPH)

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GC-16/FID COLUMN: DB-624

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Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	6085	-0.0629	-----	1.00		-0.0126
4.51	SURR TFT	67300	0.1834	91.7	0.00		0.0367
		73385					0.0241

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	5939	-0.0982	-----	1.00		-0.0196
4.68	C7-C8	146	0.0157	-----	1.00		0.0031
		6085					-0.0165

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A093.TX0

Lot/Sample: E0I290371-019 C-2-18-5 TICs.....: N Report Results: Y
WO#.....: DLC87-1-03 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: 10/03/00
Inject Time..: 7:47 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A094
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:22:00
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	0.1852	92.6		

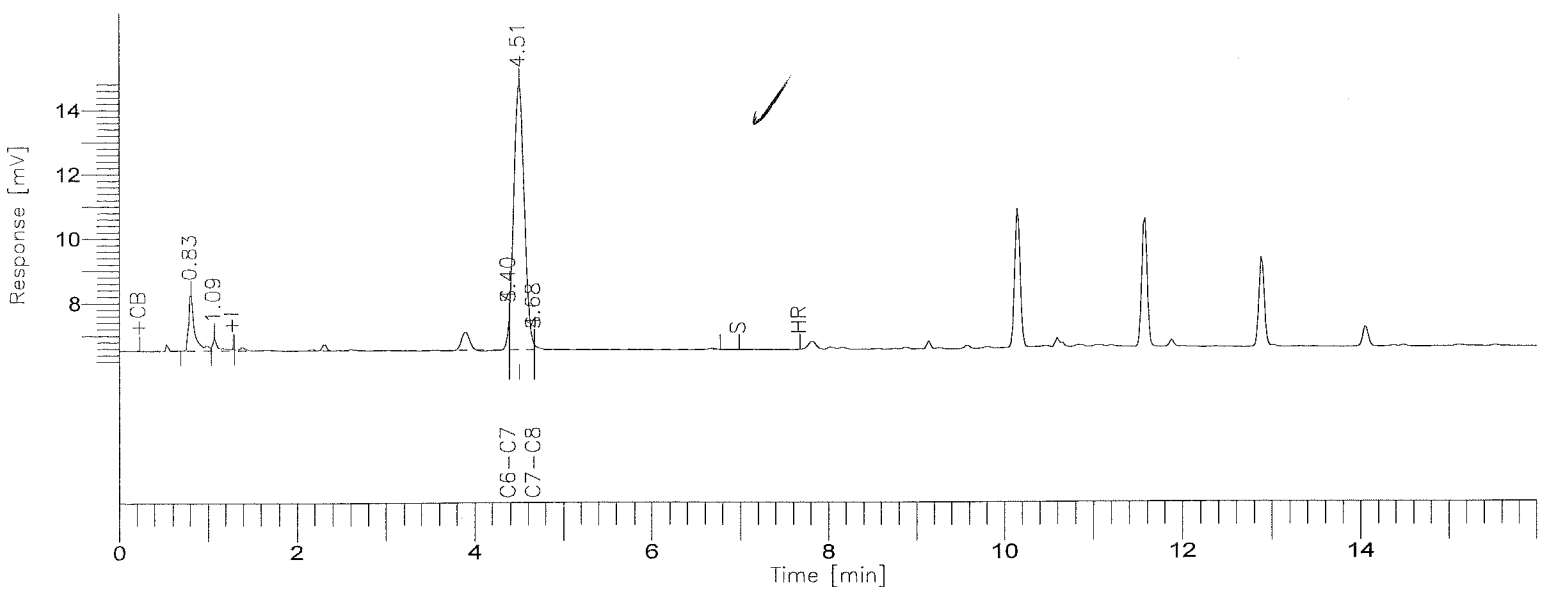
Software Version: 4.1<2F12>
Sample Name : i290371-19 Time : 10/3/00 08:03 AM
Sample Number: i290371-19 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 07:47 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A094.RAW
Result File : C:\TC4\GC16AB\929A094.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A094.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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

001025

BOE-C6-0159445

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.40	GASOLINE RANGE	6882	-0.0582	-----	1.00		-0.0116
4.51	SURR TFT	68161	0.1852	92.6	0.00		0.0370
		75043					0.0254

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	6426	-0.0940	-----	1.00		-0.0188
4.68	C7-C8	456	0.0215	-----	1.00		0.0043
		6882					-0.0145

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A094.TX0

Lot/Sample: E0I290371-021 C-2-19-5 TICs.....: N Report Results: Y
WO#.....: DLC89-1-03 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: 10/03/00
Inject Time..: 8:15 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A095
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:22:09
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	0.1843	92.15		

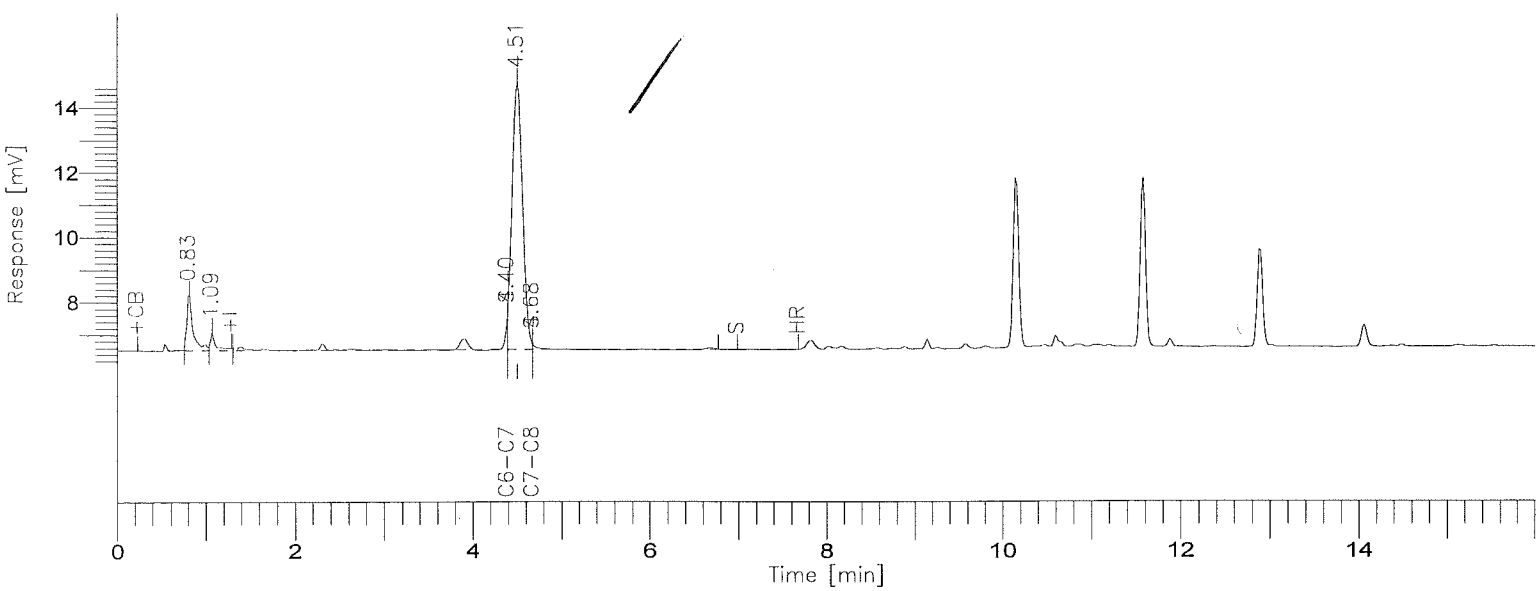
Software Version: 4.1<2F12>
Sample Name : i290371-21 Time : 10/3/00 08:32 AM
Sample Number: i290371-21 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 08:15 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A095.RAW
Result File : C:\TC4\GC16AB\929A095.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A095.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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	5384	-0.0670	-----	1.00		-0.0134
4.51	SURR TFT	67740	0.1843	92.2	0.00		0.0369
		73124					0.0235

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	4964	-0.1065	-----	1.00		-0.0213
4.68	C7-C8	420	0.0208	-----	1.00		0.0042
		5384					-0.0171

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Report stored in ASCII file: C:\TC4\GC16AB\929A095.TX0

Lot/Sample: E0I290371-023 C-2-21-5 TICs.....: N Report Results: Y
WO#.....: DLC8C-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: 10/03/00
Inject Time..: 8:44 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A096
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:22:29
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	0.1850	92.5		

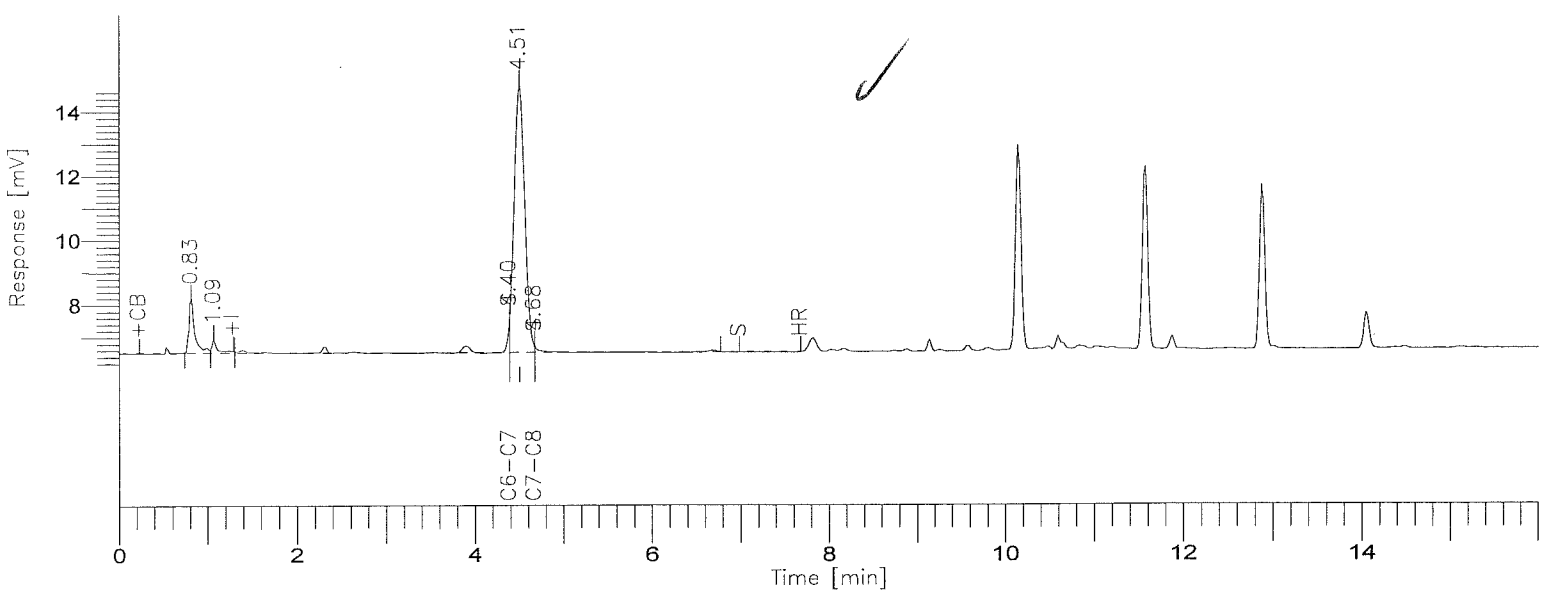
Software Version: 4.1<2F12>
Sample Name : i290371-23 Time : 10/3/00 09:00 AM
Sample Number: i290371-23 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 08:44 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A096.RAW
Result File : C:\TC4\GC16AB\929A096.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A096.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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	3813	-0.0762	-----	1.00		-0.0152
4.51	SURR TFT	68058	0.1850	92.5	0.00		0.0370
		71871					0.0218

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	3554	-0.1185	-----	1.00		-0.0237
4.68	C7-C8	259	0.0178	-----	1.00		0.0036
		3813					-0.0201

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Report stored in ASCII file: C:\TC4\GC16AB\929A096.TX0

Lot/Sample: E0I290371-025 C-2-22-1 TICs.....: N Report Results: Y
WO#.....: DLC8E-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: 10/03/00
Inject Time..: 9:12 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A097
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:22:43
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	0.1815	90.75		

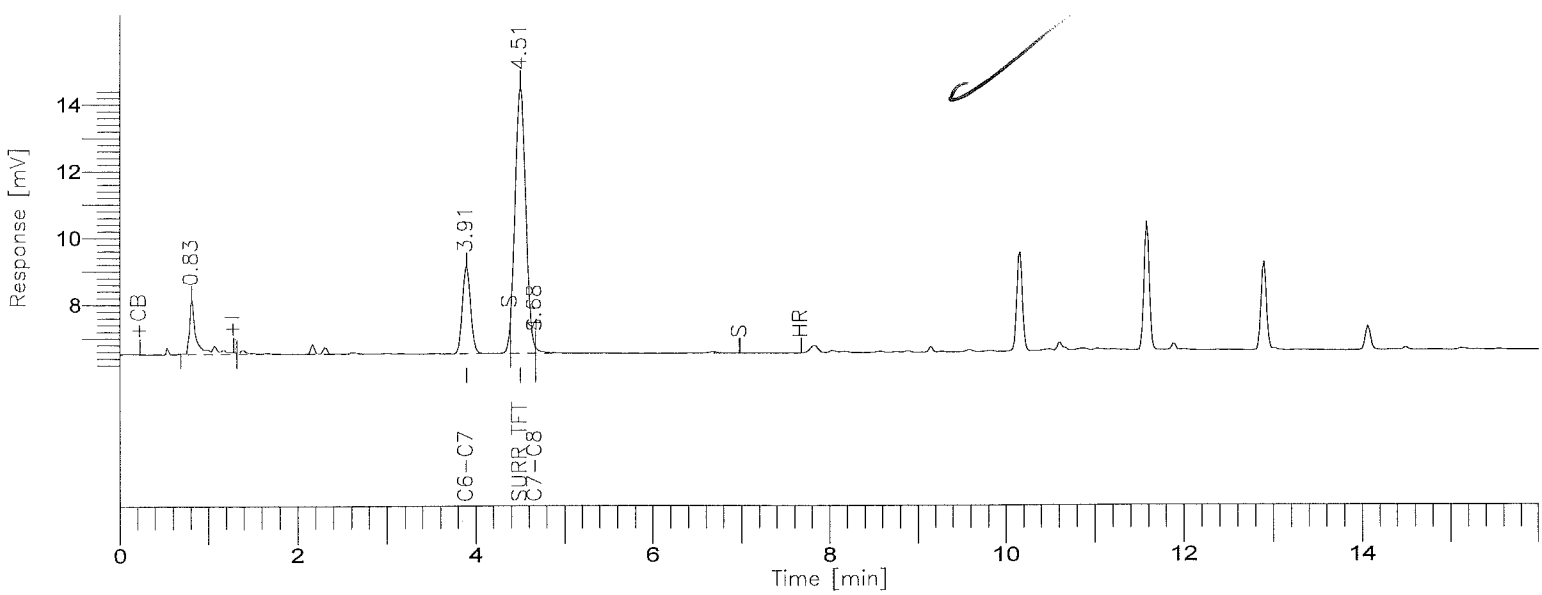
Software Version: 4.1<2F12>
Sample Name : i290371-25 Time : 10/3/00 09:28 AM
Sample Number: i290371-25 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 09:12 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A097.RAW
Result File : C:\TC4\GC16AB\929A097.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A097.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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

001034

BOE-C6-0159454

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
3.91	GASOLINE RANGE	21057	0.0249	-----	1.00		0.0050
4.51	SURR TFT	66395	0.1815	90.7	0.00		0.0363
		87452					0.0413

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
3.91	C6-C7	20815	0.0282	-----	1.00		0.0056
4.68	C7-C8	242	0.0175	-----	1.00		0.0035
		21057					0.0091

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Report stored in ASCII file: C:\TC4\GC16AB\929A097.TX0

Lot/Sample: E0I290371-026 C-2-22-5 TICs.....: N Report Results: Y
WO#.....: DLC8F-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: 10/03/00
Inject Time..: 9:41 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A098
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:22:54
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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		

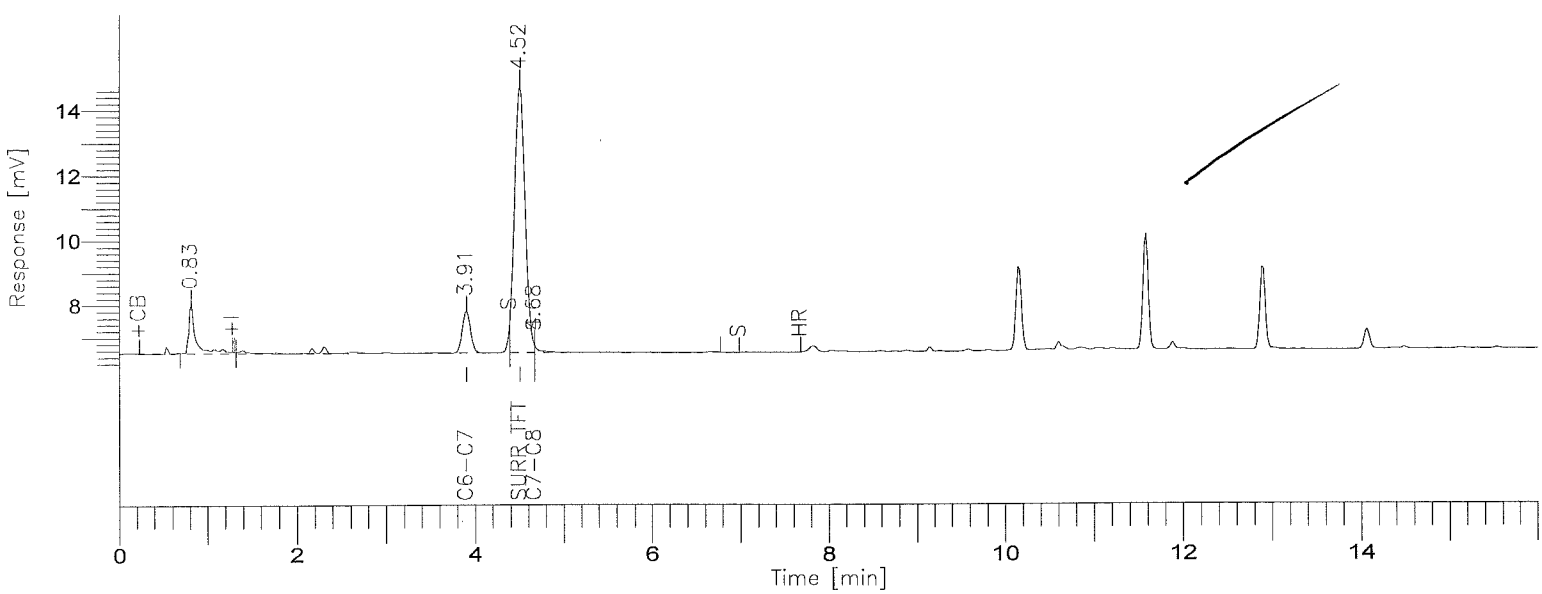
Software Version: 4.1<2F12>
Sample Name : i290371-26 Time : 10/3/00 09:57 AM
Sample Number: i290371-26 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 09:41 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A098.RAW
Result File : C:\TC4\GC16AB\929A098.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A098.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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

001037

BOE-C6-0159457

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
3.91	GASOLINE RANGE	11854	-0.0291	-----	1.00		-0.0058
4.52	SURR TFT	68122	0.1851	92.6	0.00		0.0370
		79976					0.0312

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
3.91	C6-C7	11725	-0.0490	-----	1.00		-0.0098
4.68	C7-C8	129	0.0153	-----	1.00		0.0031
		11854					-0.0067

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A098.TX0

Lot/Sample: E0I290371-031 C-2-27-5 TICs.....: N Report Results: Y
WO#.....: DLC8L-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: 10/03/00
Inject Time..: 10:09 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A099
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/04 12:23:15
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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)	*		NA	1	0.1		NA

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1842	92.1		

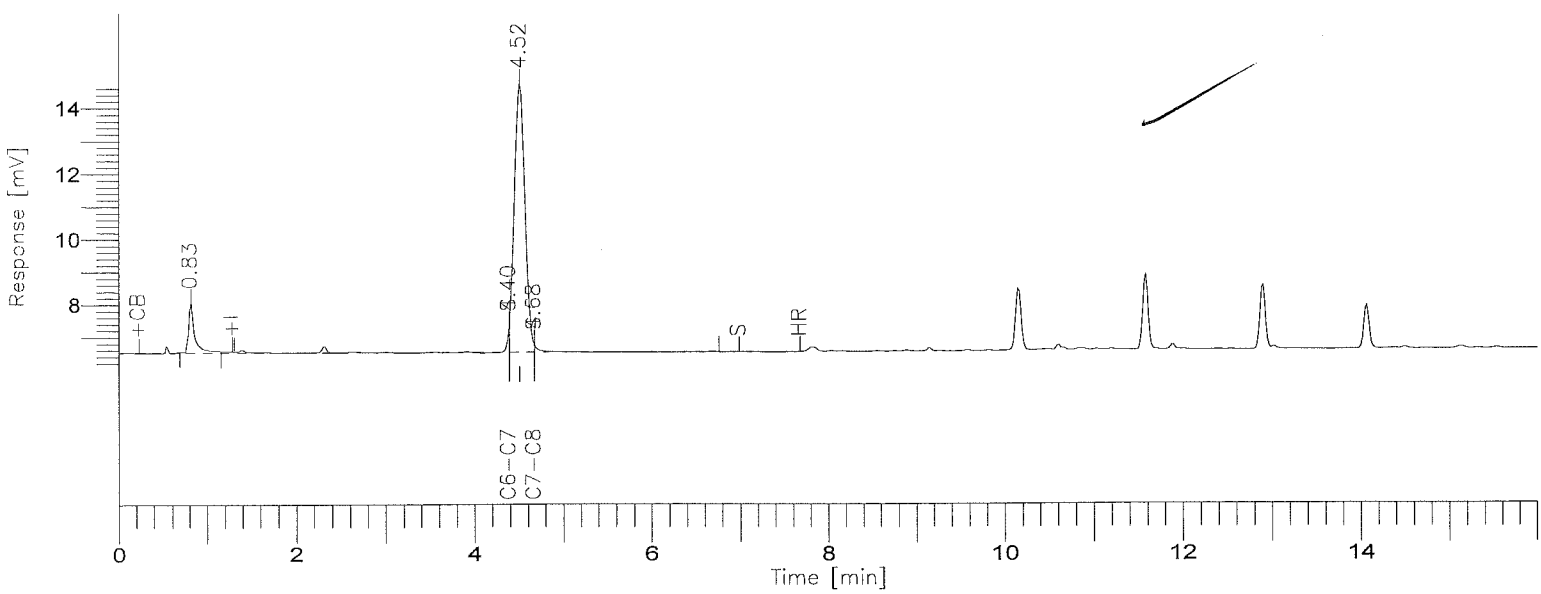
Software Version: 4.1<2F12>
Sample Name : i290371-31 Time : 10/3/00 10:25 AM
Sample Number: i290371-31 Study : C6-C8 LOW
Operator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 10:09 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A099.RAW
Result File : C:\TC4\GC16AB\929A099.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A099.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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	2926	-0.0814	-----	1.00		-0.0163
4.52	SURR TFT	67662	0.1842	92.1	0.00		0.0368
		70588					0.0205

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	2901	-0.1240	-----	1.00		-0.0248
4.68	C7-C8	25	0.0134	-----	1.00		0.0027
		2926					-0.0221

`L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A099.TX0

Lot/Sample: E0I290371-031S C-2-27-5 TICs.....: N Report Results: Y
WO#.....: DLC8L-1-1U 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: 10/03/00
Inject Time..: 10:38 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A100
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/02 14:41:31
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	5.8389	116.7	2.04		
	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	0.2042	102.1		

Software Version: 4.1<2F12>
Sample Name : 371-31ms
Sample Number: 371-31ms
Operator :

Time : 10/3/00 10:54 AM
Study : C6-C8 LOW

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

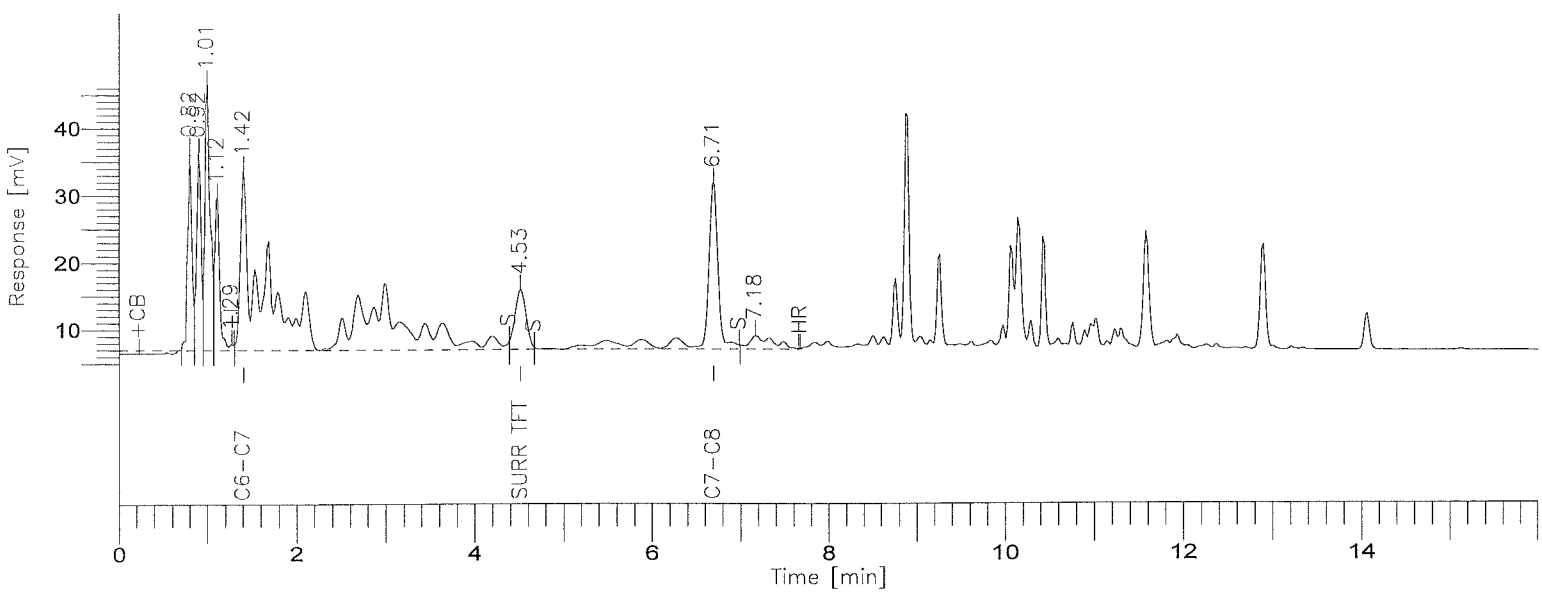
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 10:38 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A100.RAW
Result File : C:\TC4\GC16AB\929A100.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A100.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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)
1.42	GASOLINE RANGE	1012621	5.8389	1.0000	116.8		1.1678
4.53	SURR TFT	77664	0.2042	0.0400	102.1		0.0408
		1090285					1.2086

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	773894	6.4280	1.0000	128.6		1.2856
6.71	C7-C8	238727	4.5279	1.0000	90.6		0.9056
		1012621					2.1912

'L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A100.TX0

Lot/Sample: E0I290371-031D C-2-27-5 TICs.....: N Report Results: Y
WO#.....: DLC8L-1-1V 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: 10/03/00
Inject Time..: 11:06 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A101
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/02 14:41:39
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02-10/03/00
QC Batch.....: 0278277
MS Run Number: 0278132
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	5.9595	119.1	2.04		
	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	0.2080	104		

Software Version: 4.1<2F12>
Sample Name : 371-31msd
Sample Number: 371-31msd
(`rator :

Time : 10/3/00 11:22 AM
Study : C6-C8 LOW

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

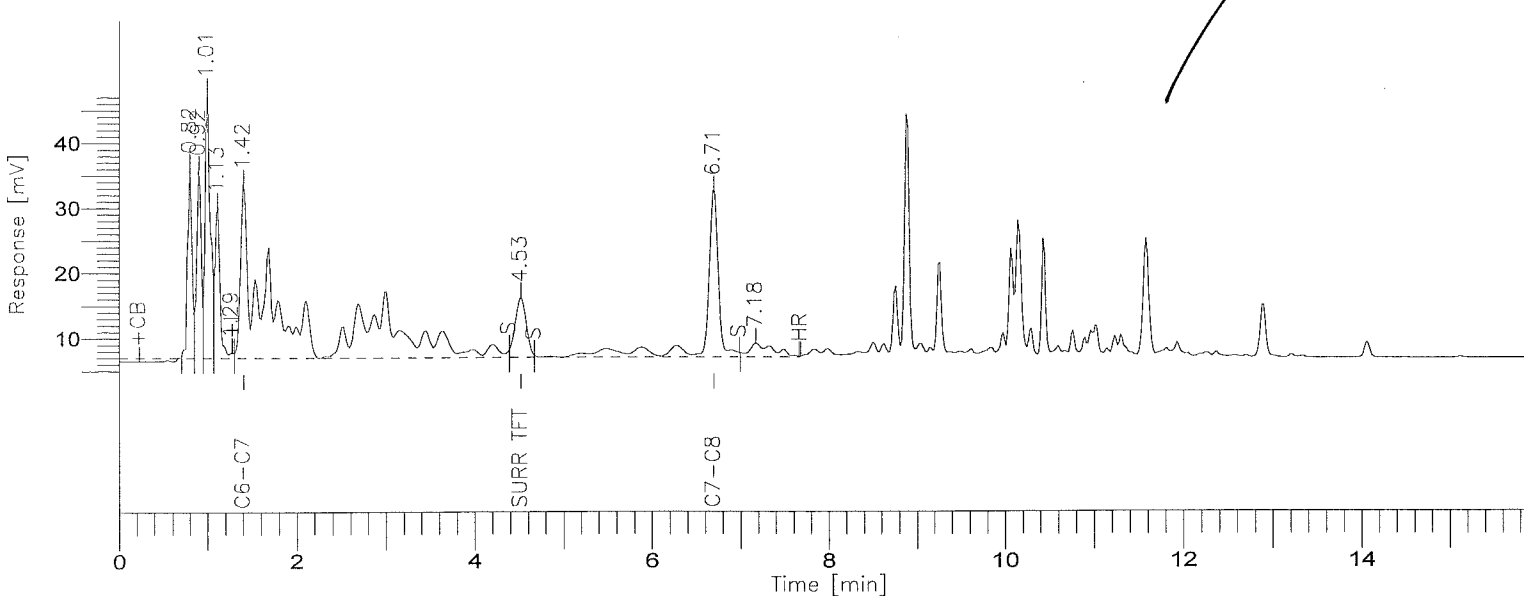
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 11:06 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A101.RAW
Result File : C:\TC4\GC16AB\929A101.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A101.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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

001045

BOE-C6-0159466

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	QC Spike (ppm)	QC % REC	FN	Raw Amount (ppm)
1.42	GASOLINE RANGE	1033190	5.9595	1.0000	119.2		1.1919
4.53	SURR TFT	79644	0.2080	0.0400	104.0		0.0416
		1112834					1.2335

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	786511	6.5352	1.0000	130.7		1.3070
6.71	C7-C8	246679	4.6783	1.0000	93.6		0.9357
		1033190					2.2427

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Report stored in ASCII file: C:\TC4\GC16AB\929A101.TX0

TVPH

SAMPLE AND QC DATA

$C_6 \rightarrow C_8$

Date(s) Analyzed: 10-3-00

Instrument ID: GC15 GC16A GC13

Batch #: 0279501

Samples: EOI290371-B, C, 33, 35, 36, 37, 39,

40, 41, 44, 44S, 44D

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/05/00
Time: 16:47:45

BOE-C6-0159469

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

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

Extractionist: _____
_____
Concentrationist: _____
_____

****
* QC BATCH: 0279501 *
****

PREP DATE: 10/03/00
COMP DATE: 10/03/00

Reviewer/Date: _____ / 0/00/00

Hydrocarbons, Volatile Petroleum (8015B)
PURGE AND TRAP - 5 mL purge

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
0/00/00	10/06/00	E0I290371-033 **DLC8N-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-035 **DLC8Q-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-036 **DLC8R-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-037 **DLC8T-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-039 **DLC8W-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-040 **DLC8X-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-041 **DLC91-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															

001048

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/05/00
Time: 16:47:45

QC BATCH: 0279501

PREP DATE: 10/03/00
COMP DATE: 10/03/00

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
0/00/00	10/06/00	E0I290371-044 **DLC96-1-0PS**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	GASOLINE TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-044 **DLC96-1-0QD**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	GASOLINE TFT
COMMENTS:															
0/00/00	10/06/00	E0I290371-044 **DLC96-1-03**	DR	15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	0/00/00	E0J050000-501 **DLLT5-1-01B**		15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	TFT
COMMENTS:															
0/00/00	0/00/00	E0J050000-501 **DLLT5-1-02C**		15	KJ	SOLID	1 5.00mL	NA	NA	NA		.0		.0	GASOLINE TFT
COMMENTS:															

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

NUMBER OF WORK ORDERS IN BATCH: 12

001049

BOE-C6-0159470

Batch Number: 0279501

Lab ID: E0I290371 033 Workorder: DLC8N103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 035 Workorder: DLC8Q103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 036 Workorder: DLC8R103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 037 Workorder: DLC8T103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 039 Workorder: DLC8W103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 040 Workorder: DLC8X103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 041 Workorder: DLC91103 Dilution Factor: 1
No Anomalies Found on Workorder

Lab ID: E0I290371 044 Workorder: DLC96103 Dilution Factor: 1

Analyte: TPH (as Gasoline)	No Matching Blank Analyte Found
Analyte: Gasoline Range Organics (C6-C12)	No Matching Blank Analyte Found
Analyte: Gasoline Range Organics (C6-C10)	No Matching Blank Analyte Found

Lab ID: E0I290371 044 S Workorder: DLC9610P Dilution Factor: 1

Analyte: TPH (as Gasoline)	No Matching Blank Analyte Found
Analyte: Gasoline Range Organics (C6-C12)	No Matching Blank Analyte Found
Analyte: Gasoline Range Organics (C6-C10)	No Matching Blank Analyte Found

Lab ID: E0I290371 044 D Workorder: DLC9610Q Dilution Factor: 1

Analyte: TPH (as Gasoline)	No Matching Blank Analyte Found
Analyte: Gasoline Range Organics (C6-C12)	No Matching Blank Analyte Found
Analyte: Gasoline Range Organics (C6-C10)	No Matching Blank Analyte Found

< < < End of Report > > >

BOE-C6-0159471

001050

56	Sample	i280315-13	315-13	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
57	Sample	i280315-14	315-14	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
58	Sample	i280315-15	315-15	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
59	Sample	lcs-gas	lcs-gas	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
60	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
61	Sample	i280315-16	315-16	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
62	Sample	i280315-17	315-17	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
	Sample	i280315-18	315-18	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
64	Sample	i280315-19	315-19	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
65	Sample	i280315-20	315-20	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
66	Sample	i280315-23	315-23	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
67	Sample	i280315-24	315-24	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
68	Sample	315-14ms	315-14ms	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
69	Sample	315-14msd	315-14msd	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
70	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
71	Sample	I260291-13	291-13	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
72	Sample	I260291-17	291-17	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
73	Sample	i270333-19	333-19	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
74	Sample	i270333-20	333-20	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
75	Sample	LCS-S	LCS-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
76	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
77	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
78	Sample	i290371-1	i290371-1	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
79	Sample	i290371-3	i290371-3	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
80	Sample	i290371-4	i290371-4	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
81	Sample	i290371-5	i290371-5	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
82	Sample	i290371-7	i290371-7	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
83	Sample	i290371-8	i290371-8	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
84	Sample	i290371-10	i290371-10	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
85	Sample	i290371-11	i290371-11	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
86	Sample	i290371-12	i290371-12	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
87	Sample	i290371-13	i290371-13	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
88	Sample	i290371-14	i290371-14	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
89	Sample	i290371-15	i290371-15	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
90	Sample	BLK	BLK	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
91	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
92	Sample	i290371-17	i290371-17	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
93	Sample	i290371-18	i290371-18	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
94	Sample	i290371-19	i290371-19	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
95	Sample	i290371-21	i290371-21	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
96	Sample	i290371-23	i290371-23	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
97	Sample	i290371-25	i290371-25	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
3	Sample	i290371-26	i290371-26	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
9	Sample	i290371-31	i290371-31	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
100	Sample	371-31ms	371-31ms	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
101	Sample	371-31msd	371-31msd	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
102	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
103	Sample	LCS-S	LCS-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
104	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
105	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
106	Sample	i290371-33	i290371-33	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
107	Sample	i290371-35	i290371-35	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
108	Sample	i290371-36	i290371-36	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
109	Sample	i290371-37	i290371-37	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
110	Sample	i290371-39	i290371-39	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
111	Sample	i290371-40	i290371-40	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
112	Sample	i290371-41	i290371-41	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
113	Sample	i290371-44	i290371-44	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
114	Sample	371-44ms	371-44ms	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
115	Sample	371-44msd	371-44msd	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
116	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
117	Sample	8021CCV	8021CCV		1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
118	Sample	BLK-S	BLK-S	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
119	Sample	lcsgas	lcsgas	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
120	Sample	lcs8021	lcs8021	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
121	Sample	i290164-1	164-1	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
122	Sample	i290164-2	164-2	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
123	Sample	i290164-3	164-3	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
124	Sample	i290164-4	164-4	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
125	Sample	i290164-5	164-5	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
126	Sample	i290164-6	164-6	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
127	Sample	i290164-7	164-7	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
128	Sample	i290164-8	164-8	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
129	Sample	i290164-9	164-9	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
130	Sample	i290164-10	164-10	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
131	Sample	i290164-11	164-11	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
132	Sample	i290164-12	164-12	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
33	Sample	i290164-13	164-13	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
34	Sample	i290164-14	164-14	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
135	Sample	i290164-15	164-15	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
136	Sample	BLK	BLK	low soil	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
137	Sample	GASCCV	GASCCV	low soil	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
138	Sample	8021CCV	8021CCV	low soil	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
139	Sample	i290164-16	164-16	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
140	Sample	i290164-17	164-17	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
141	Sample	i290164-18	164-18	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
142	Sample	i290164-19	164-19	low soil	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000

Turbochrom Sequence File : C:\TC4\GC16AB\929.SEQ
Created by : LY on : 10/1/00 09:22 AM
Edited by : JKA on : 10/3/00 06:34 PM
Description : **********STANDARD ID**********
INICAL/CCV STD: TVPH #122-2
QC/2ND SOURCE STD: TVPH #121-1
SURROGATE: TFT #126-1

Number of Times Edited : 19

Sequence File Header Information:

Number of Rows : 159
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	9/30/00	BLK	9/30/00	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	LCS-S	LCS-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
4	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
5	Sample	i260291-13	291-13	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
6	Sample	i260291-14	291-14	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
7	Sample	i260291-16	291-16	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
8	Sample	i260291-17	291-17	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
9	Sample	i260291-18	291-18	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
10	Sample	i260291-19	291-19	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
11	Sample	i260291-20	291-20	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
12	Sample	i260291-21	291-21	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
13	Sample	i260291-22	291-22	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
14	Sample	i260291-23	291-23	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
15	Sample	i260291-24	291-24	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
16	Sample	i260291-25	291-25	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
17	Sample	i260291-26	291-26	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
18	Sample	i260291-8	291-8	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
19	Sample	i260291-11	291-11	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
20	Sample	i260291-12	291-12	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
21	Sample	291-21ms	291-21ms	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
22	Sample	291-21msd	291-21msd	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
23	Sample	BLK	BLK	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
24	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
25	Sample	i270233-17	i270233-17	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
26	Sample	i270233-18	i270233-18	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
27	Sample	i270233-19	i270233-19	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
28	Sample	i270233-20	i270233-20	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
29	Sample	LCS-S	LCS-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
30	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
31	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
32	Sample	i270233-21	i270233-21	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
33	Sample	i270233-22	i270233-22	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
34	Sample	i270233-23	i270233-23	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
35	Sample	i270233-24	i270233-24	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
36	Sample	i270233-26	i270233-26	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
37	Sample	233-24ms	233-24ms	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
38	Sample	233-24msd	233-24msd	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
39	Sample	i280315-1	280315-1	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
40	Sample	i280315-2	315-2	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
41	Sample	i280315-3	315-3	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
42	Sample	i280315-4	315-4	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
43	Sample	i280315-5	315-5	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
44	Sample	i280315-6	315-6	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
45	Sample	BLK	BLK	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
46	Sample	GASCCV	GASCCV	C6-C8 LOW	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000
47	Sample	i280315-7	315-7	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
48	Sample	i280315-8	315-8	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
49	Sample	i280315-9	315-9	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
50	Sample	i280315-10	315-10	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
51	Sample	LCS-S	LCS-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
52	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
53	Sample	BLK-S	BLK-S	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
54	Sample	i280315-11	315-11	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000
55	Sample	i280315-12	315-12	C6-C8 LOW	1.000	1.000	1.000	1.000	5.000	1.000	0.000	0.000

Software Version: 4.1<2F12>
Sample Name : GASCCV
Sample Number: GASCCV -
(rator :

Time : 10/3/00 11:51 AM
Study : C6-C8 LOW

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

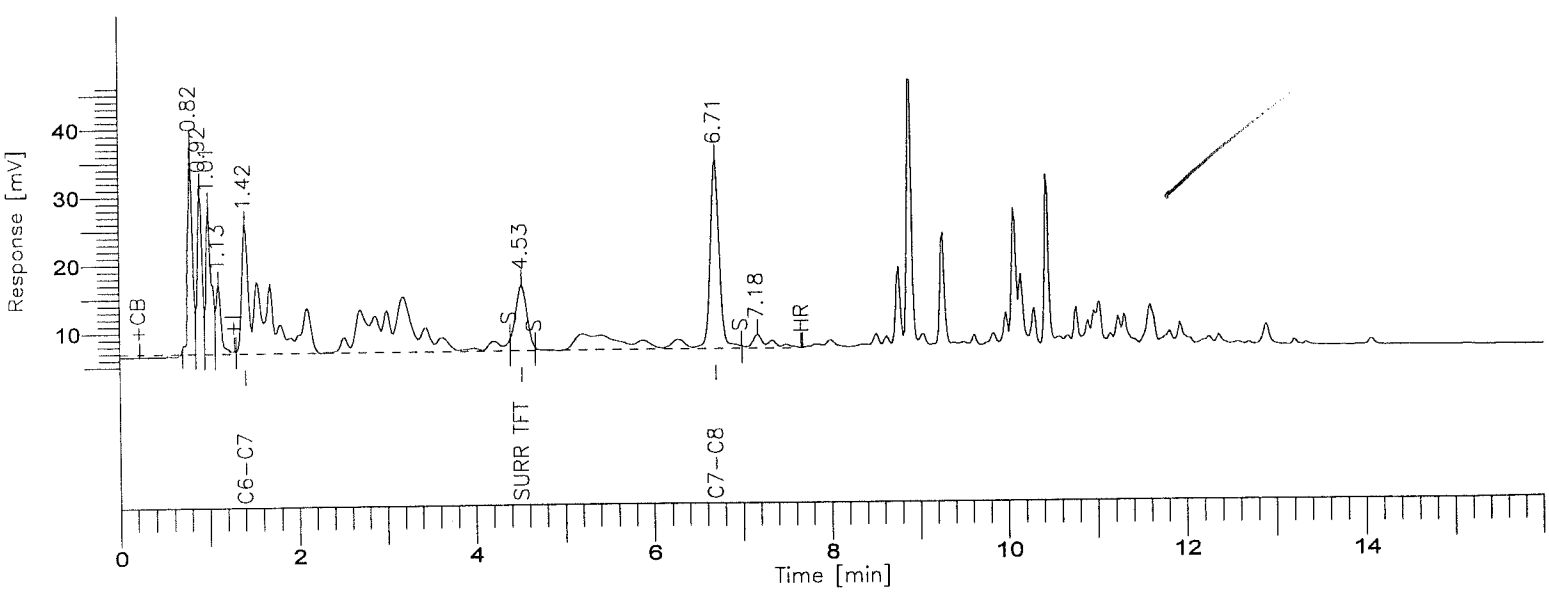
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 11:35 AM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A102.RAW
Result File : C:\TC4\GC16AB\929A102.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A102.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.SEQ

Sample Volume : 1.0000 ml
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00



8015B(TVPH)

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GC-16/FID COLUMN: DB-624

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001053

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
4.53	SURR TFT	87059	0.0444	0.0400	10.9
6.71	GASOLINE RANGE	877621	1.0095	1.0000	0.9
		964680			

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
1.42	C6-C7	584890	0.9644	1.0000	-3.6
6.71	C7-C8	292731	1.1099	1.0000	11.0
		877621			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A102.TX0

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

Time : 10/3/00 06:33 PM
Study : C6-C8 LOW

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

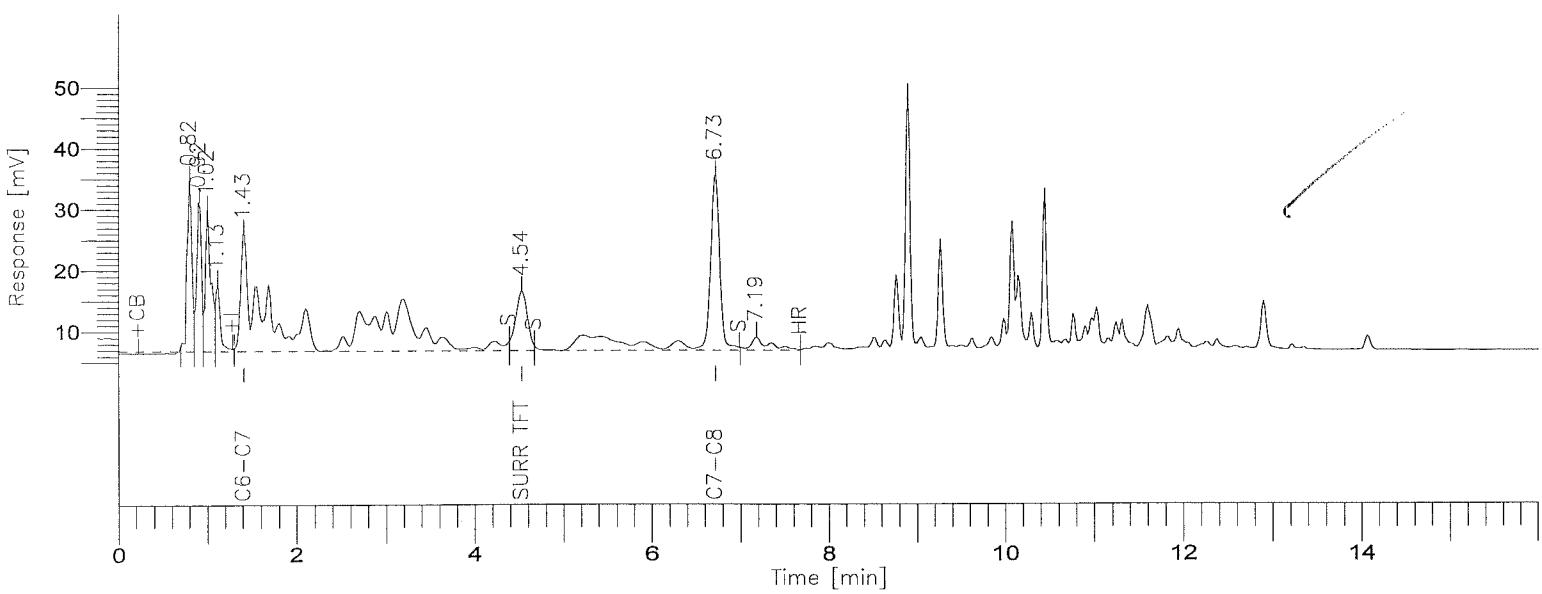
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 06:17 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A116.RAW
Result File : C:\TC4\GC16AB\929A116.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A116.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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

001055

BOE-C6-0159476

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
4.54	SURR TFT	88933	0.0450	0.0400	12.6
6.73	GASOLINE RANGE	919285	1.0583	1.0000	5.8
		1008218			

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	STD Results (ppm)	STD Level (ppm)	STD % D
1.42	C6-C7	611965	1.0104	1.0000	1.0
6.73	C7-C8	307320	1.1650	1.0000	16.5
		919285			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A116.TX0

Lot/Sample: E0J050000-501B INTRA-LAB BLANK TICs.....: N Report Results: Y
WO#.....: DLLT5-1-01 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: 10/03/00
Inject Time..: 12:34 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A104
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 16:52:20
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/03/00
QC Batch.....: 0279501
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	0.1860	93		

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

Time : 10/3/00 12:50 PM
Study : C6-C8 LOW

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

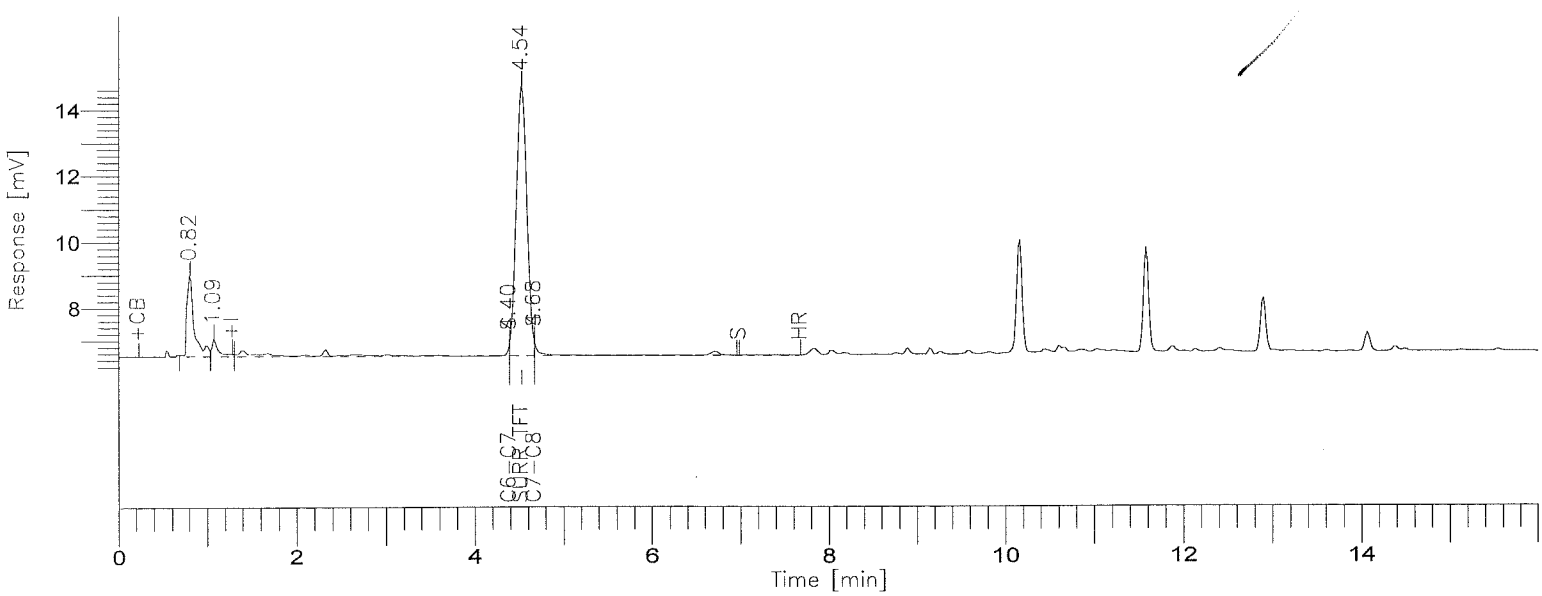
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 12:34 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A104.RAW
Result File : C:\TC4\GC16AB\929A104.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A104.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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)
4.54	SURR TFT	68526	0.1860	93.0	0.00		0.0372
4.68	GASOLINE RANGE	6838	-0.0585	-----	1.00		-0.0117
		75364					0.0255

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	5490	-0.1020	-----	1.00		-0.0204
4.68	C7-C8	1348	0.0384	-----	1.00		0.0077
		6838					-0.0127

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A104.TX0

Lot/Sample: E0J050000-501C INTRA-LAB CHECK TICs.....: N Report Results: Y
WO#.....: DLLT5-1-02 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: 10/03/00
Inject Time..: 12:05 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A103
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 16:47:17
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/03/00
QC Batch.....: 0279501
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
04863	Gasoline Range Organics			5.0	NA	0	0		NA
02909	TPH (as Gasoline)			5.0	6.2907	125.8	0		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.2107	105.35		

Software Version: 4.1<2F12>
Sample Name : LCS-S
Sample Number: LCS-S
rator :

Time : 10/3/00 12:21 PM
Study : C6-C8 LOW

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

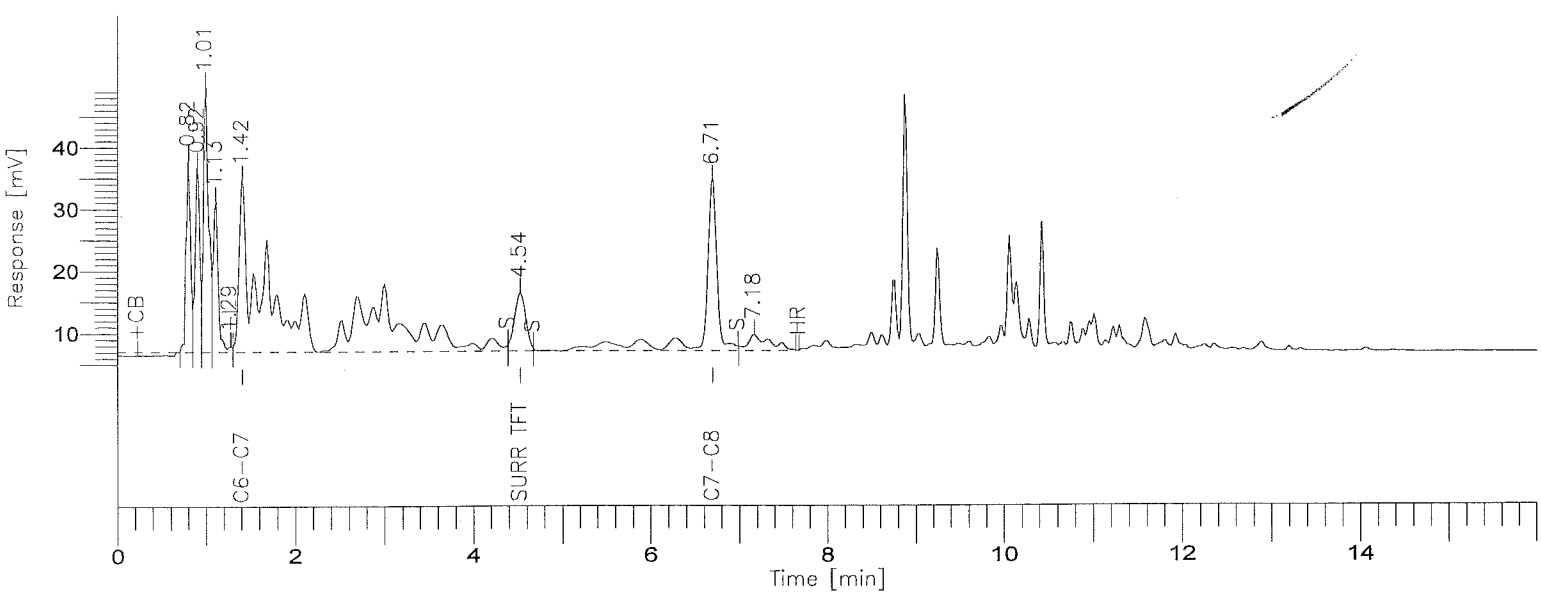
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 12:05 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A103.RAW
Result File : C:\TC4\GC16AB\929A103.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A103.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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

001061

BOE-C6-0159482

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	QC Spike (ppm)	QC % REC	FN	Raw Amount (ppm)
1.42	GASOLINE RANGE	1089675	6.2907	1.0000	125.8		1.2581
4.54	SURR TFT	81063	0.2107	0.0400	105.3		0.0421
		1170738					1.3003

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	825352	6.8653	1.0000	137.3		1.3731
6.71	C7-C8	264323	5.0120	1.0000	100.2		1.0024
		1089675					2.3755

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A103.TX0

Lot/Sample: E0I290371-033 C-2-28-5 TICs.....: N Report Results: Y
WO#.....: DLC8N-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: 10/03/00
Inject Time..: 13:31 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A106
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 16:52:49
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/03/00
QC Batch.....: 0279501
MS Run Number: 0279228
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		

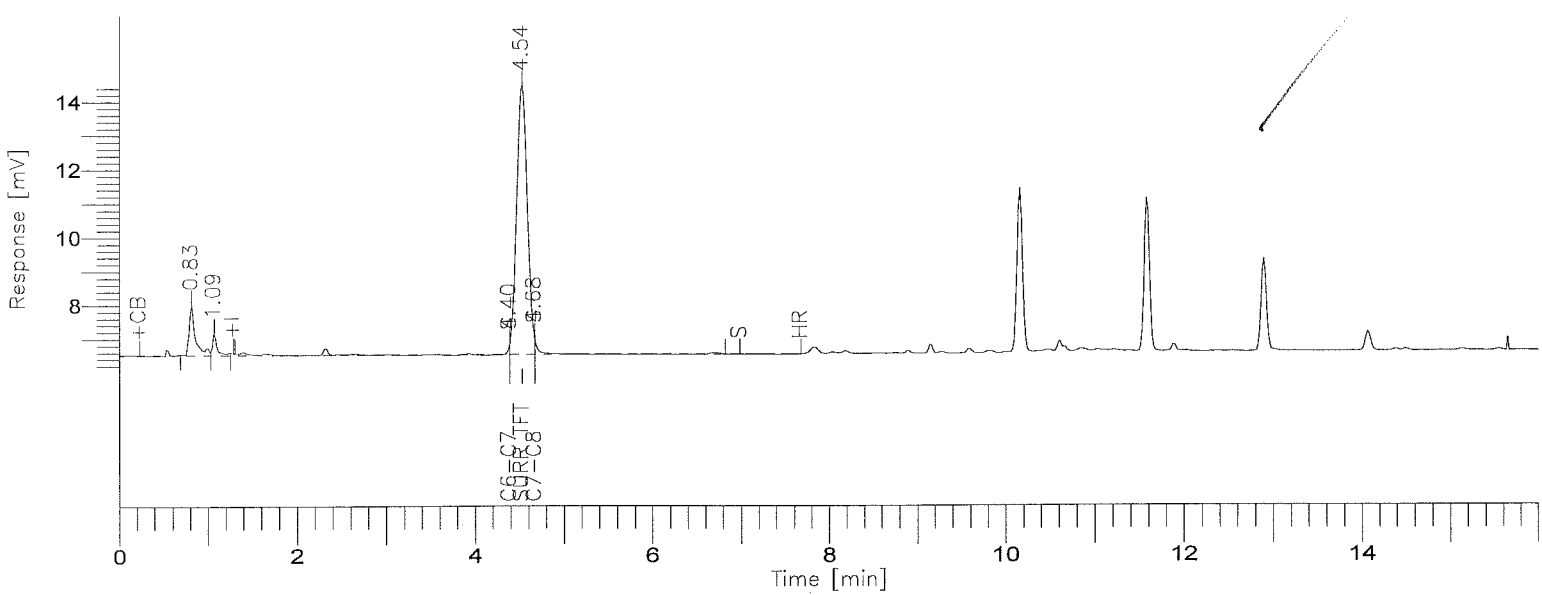
Software Version: 4.1<2F12>
Sample Name : i290371-33 Time : 10/3/00 01:47 PM
Sample Number: i290371-33 Study : C6-C8 LOW
rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 01:31 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A106.RAW
Result File : C:\TC4\GC16AB\929A106.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A106.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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)
4.54	SURR TFT	67066	0.1829	91.5	0.00		0.0366
4.68	GASOLINE RANGE	2491	-0.0840	-----	1.00		-0.0168
		69557					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	1964	-0.1320	-----	1.00		-0.0264
4.68	C7-C8	527	0.0229	-----	1.00		0.0046
		2491					-0.0218

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A106.TX0

Lot/Sample: E0I290371-035 C-2-29-1 TICs.....: N Report Results: Y
WO#.....: DLC8Q-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: 10/03/00
Inject Time..: 13:59 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A107
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 16:52:56
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/03/00
QC Batch.....: 0279501
MS Run Number: 0279228
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	0.1871	93.55		

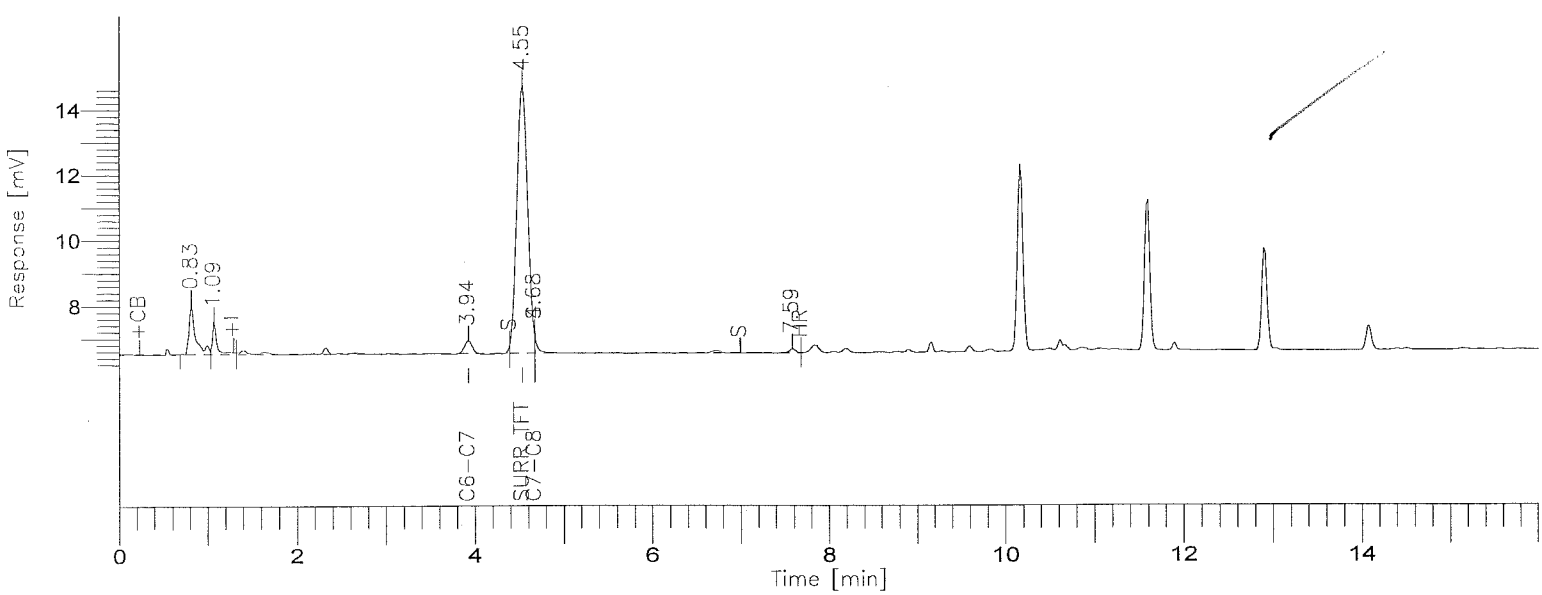
Software Version: 4.1<2F12>
Sample Name : i290371-35 Time : 10/3/00 02:16 PM
Sample Number: i290371-35 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 01:59 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A107.RAW
Result File : C:\TC4\GC16AB\929A107.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A107.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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

001067

BOE-C6-0159488

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.55	SURR TFT	69104	0.1871	93.6	0.00		0.0374
4.68	GASOLINE RANGE	5166	-0.0683	-----	1.00		-0.0137
		74270					0.0238

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
3.94	C6-C7	4570	-0.1098	-----	1.00		-0.0220
4.68	C7-C8	596	0.0242	-----	1.00		0.0048
		5166					-0.0171

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A107.TX0

Lot/Sample: E0I290371-036 C-2-29-5 TICs.....: N Report Results: Y
WO#.....: DLC8R-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: 10/03/00
Inject Time..: 14:28 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A108
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 16:53:11
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/03/00
QC Batch.....: 0279501
MS Run Number: 0279228
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	0.1849	92.45		

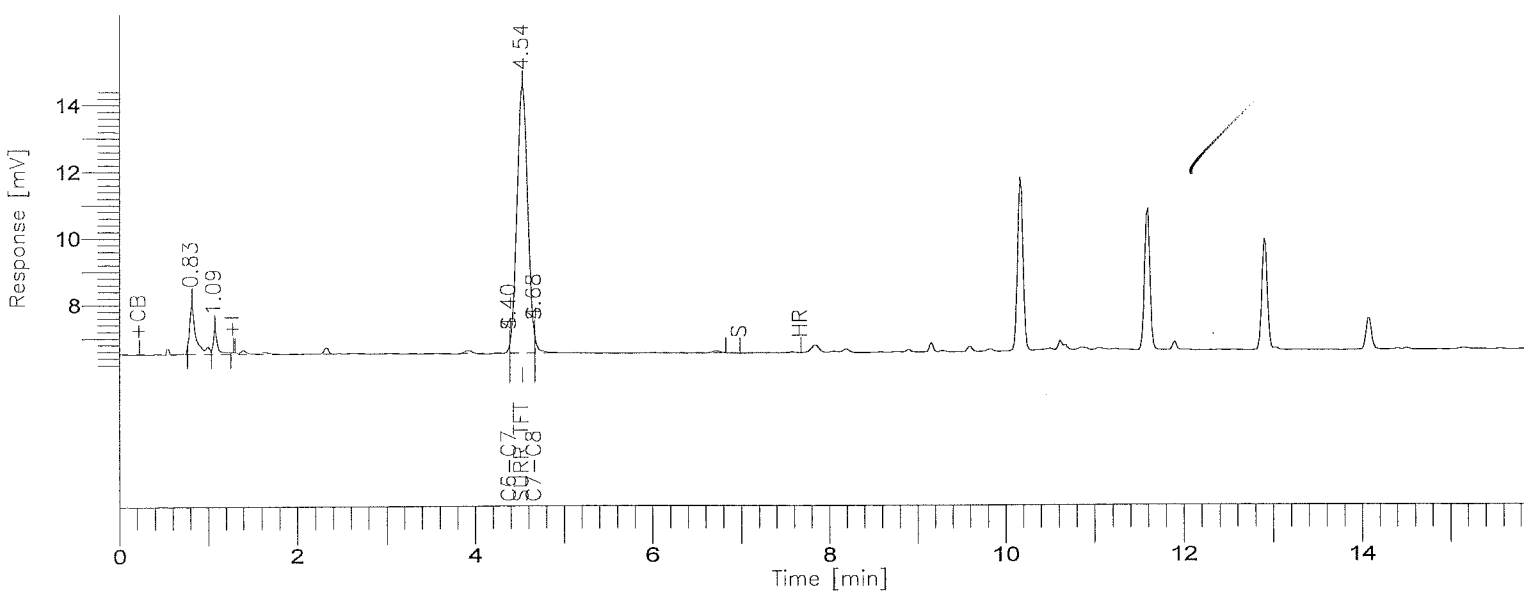
Software Version: 4.1<2F12>
Sample Name : i290371-36 Time : 10/3/00 02:44 PM
Sample Number: i290371-36 Study : C6-C8 LOW
Operator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 02:28 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A108.RAW
Result File : C:\TC4\GC16AB\929A108.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A108.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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)
4.54	SURR TFT	68043	0.1849	92.5	0.00		0.0370
4.68	GASOLINE RANGE	2044	-0.0866	-----	1.00		-0.0173
		70087					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	1652	-0.1346	-----	1.00		-0.0269
4.68	C7-C8	392	0.0203	-----	1.00		0.0041
		2044					-0.0229

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A108.TX0

Lot/Sample: E0I290371-037 C-2-30-5 TICs.....: N Report Results: Y
WO#.....: DLC8T-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: 10/03/00
Inject Time..: 14:56 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A109
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 16:53:16
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/03/00
QC Batch.....: 0279501
MS Run Number: 0279228
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		

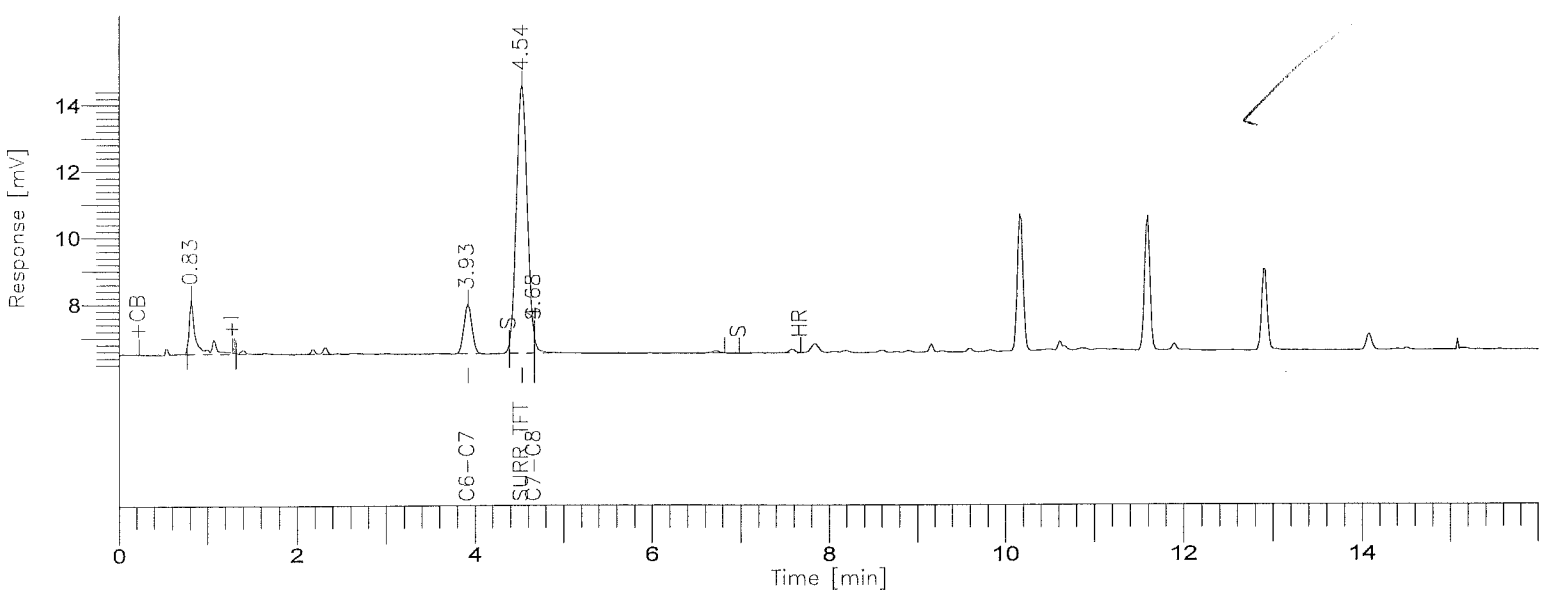
Software Version: 4.1<2F12>
Sample Name : i290371-37 Time : 10/3/00 03:12 PM
Sample Number: i290371-37 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 02:56 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A109.RAW
Result File : C:\TC4\GC16AB\929A109.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A109.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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

001073

BOE-C6-0159494

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
3.93	GASOLINE RANGE	10429	-0.0374	-----	1.00		-0.0075
4.54	SURR TFT	68139	0.1851	92.6	0.00		0.0370
		78568					0.0295

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
3.93	C6-C7	10428	-0.0600	-----	1.00		-0.0120
4.68	C7-C8	1	0.0129	-----	1.00		0.0026
		10429					-0.0094

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A109.TX0

Lot/Sample: E0I290371-039 C-2-31-5 TICs.....: N Report Results: Y
WO#.....: DLC8W-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: 10/03/00
Inject Time..: 15:25 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A110
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 16:53:22
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/03/00
QC Batch.....: 0279501
MS Run Number: 0279228
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	0.1842	92.1		

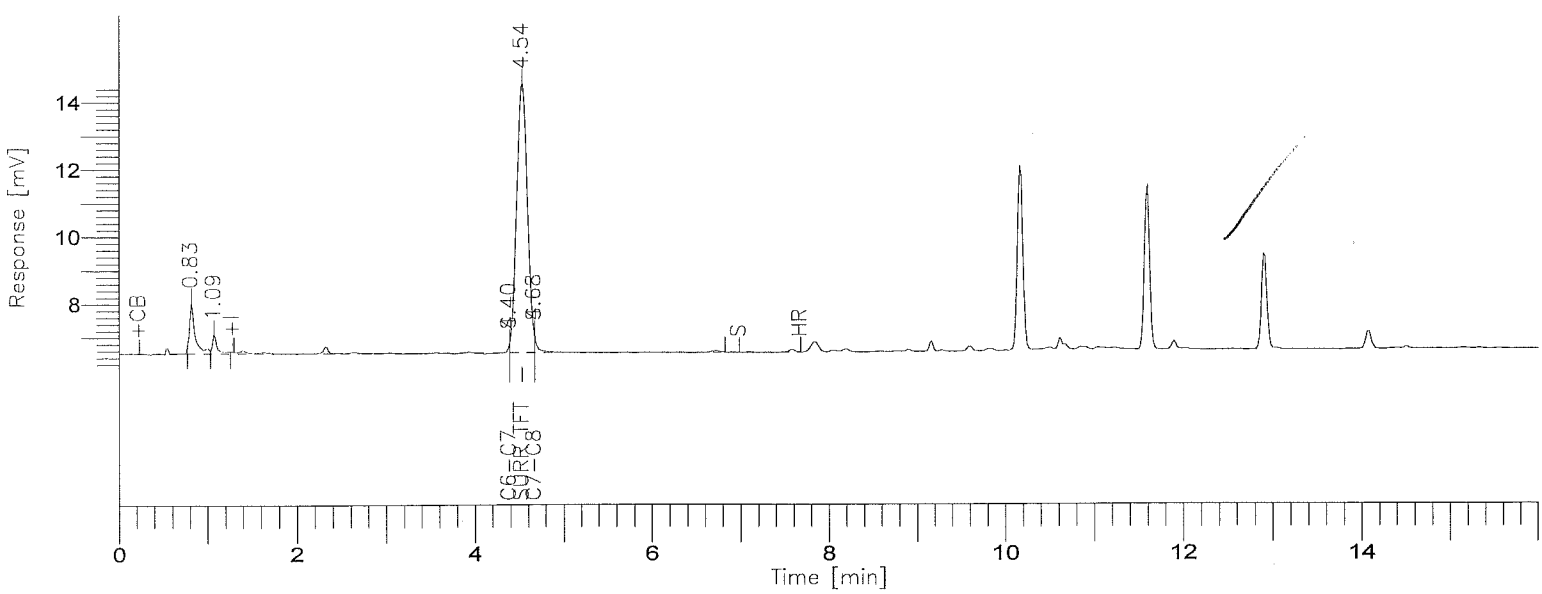
Software Version: 4.1<2F12>
Sample Name : i290371-39 Time : 10/3/00 03:41 PM
Sample Number: i290371-39 Study : C6-C8 LOW
Operator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 03:25 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A110.RAW
Result File : C:\TC4\GC16AB\929A110.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A110.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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)
4.54	SURR TFT	67683	0.1842	92.1	0.00		0.0368
4.68	GASOLINE RANGE	1705	-0.0886	-----	1.00		-0.0177
		69388					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	1451	-0.1363	-----	1.00		-0.0273
4.68	C7-C8	254	0.0177	-----	1.00		0.0035
		1705					-0.0237

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A110.TX0

Lot/Sample: E0I290371-040 C-2-31-10 TICs.....: N Report Results: Y
WO#.....: DLC8X-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: 10/03/00
Inject Time..: 15:53 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A111
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 16:53:28
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/03/00
QC Batch.....: 0279501
MS Run Number: 0279228
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	0.1842	92.1		

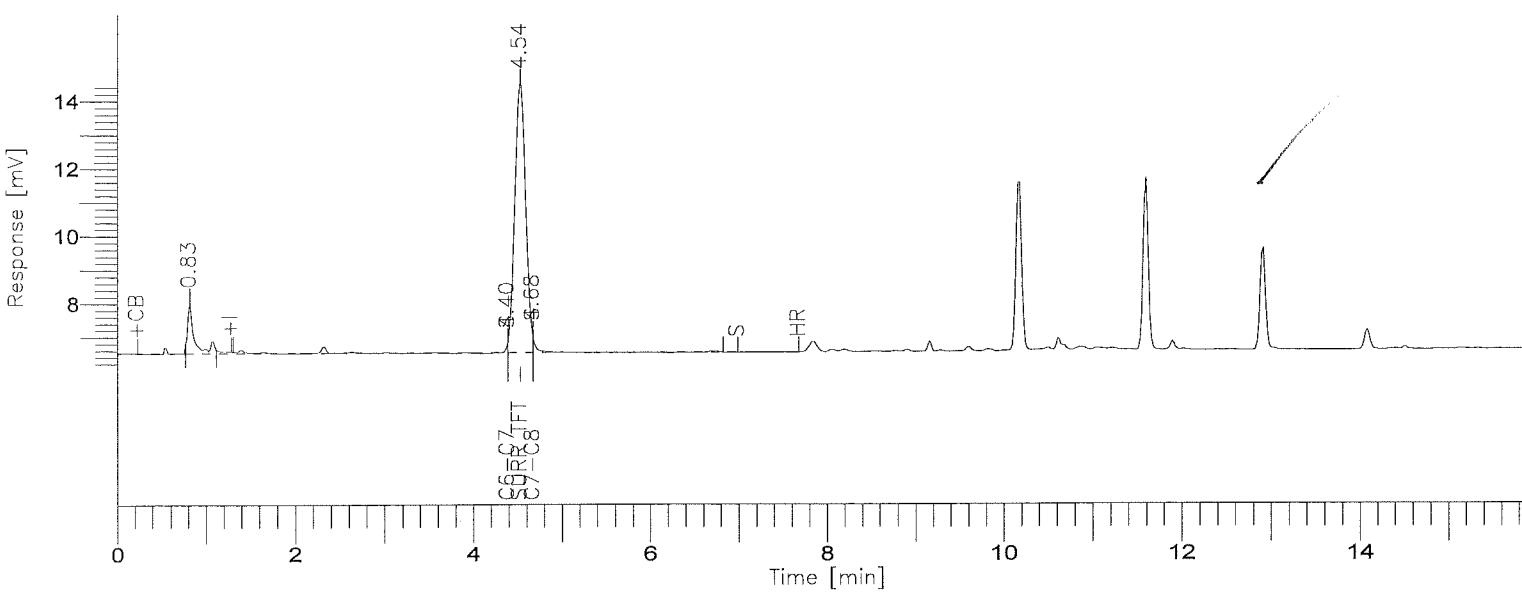
Software Version: 4.1<2F12>
Sample Name : i290371-40 Time : 10/3/00 04:09 PM
Sample Number: i290371-40 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 03:53 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A111.RAW
Result File : C:\TC4\GC16AB\929A111.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A111.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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)
4.54	SURR TFT	67702	0.1842	92.1	0.00		0.0368
4.68	GASOLINE RANGE	2332	-0.0849	-----	1.00		-0.0170
		70034					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	1620	-0.1349	-----	1.00		-0.0270
4.68	C7-C8	712	0.0264	-----	1.00		0.0053
		2332					-0.0217

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A111.TX0

Lot/Sample: E0I290371-041 C-2-31-15 TICs.....: N Report Results: Y
WO#.....: DLC91-1-03 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: 10/03/00
Inject Time..: 16:22 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A112
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 16:53:36
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/03/00
QC Batch.....: 0279501
MS Run Number: 0279228
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	0.1855	92.75		

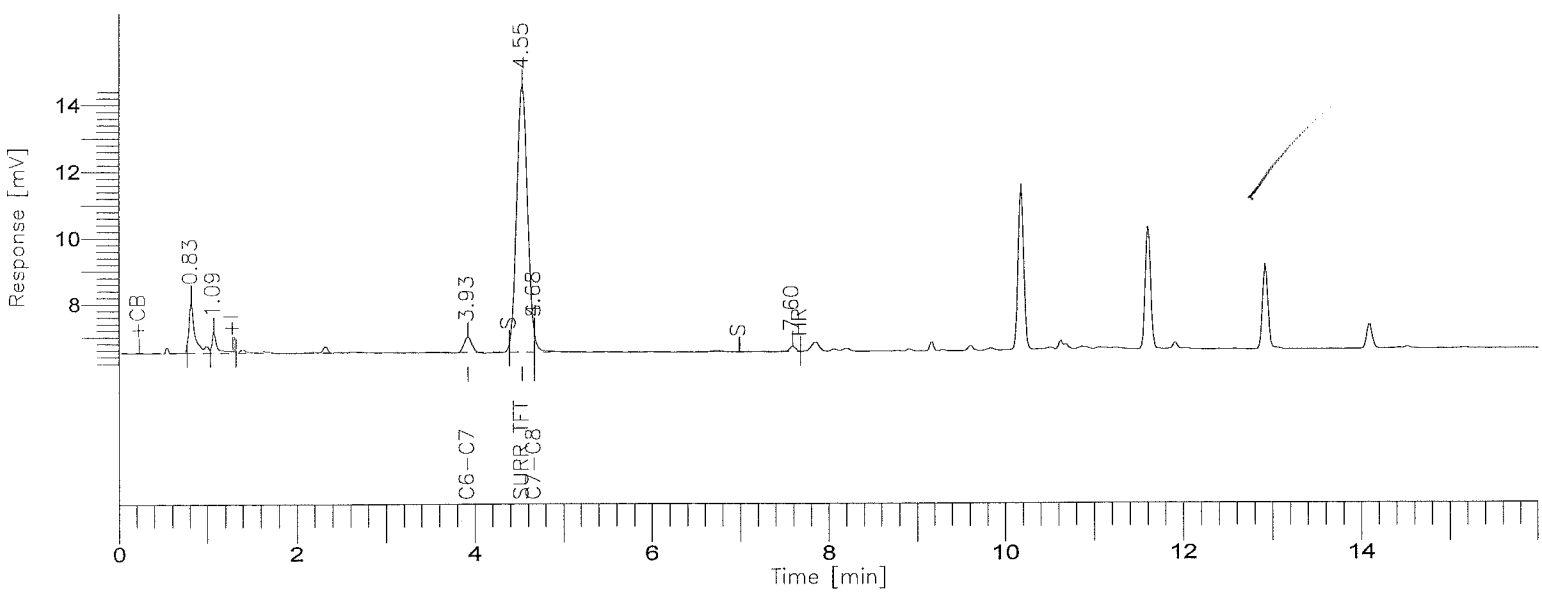
Software Version: 4.1<2F12>
Sample Name : i290371-41 Time : 10/3/00 04:38 PM
Sample Number: i290371-41 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 04:22 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A112.RAW
Result File : C:\TC4\GC16AB\929A112.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A112.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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)
4.55	SURR TFT	68329	0.1855	92.8	0.00		0.0371
4.68	GASOLINE RANGE	4054	-0.0748	-----	1.00		-0.0150
		72383					0.0221

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
3.93	C6-C7	3764	-0.1167	-----	1.00		-0.0233
4.68	C7-C8	290	0.0184	-----	1.00		0.0037
		4054					-0.0197

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A112.TX0

Lot/Sample: E0I290371-044 C-2-33-5 TICs.....: N Report Results: Y
WO#.....: DLC96-1-03 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: 10/03/00
Inject Time..: 16:51 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A113
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 16:53:46
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/03/00
QC Batch.....: 0279501
MS Run Number: 0279228
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)	*		NA	1	0.1		NA

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
03185	a,a,a-Trifluorotoluene (TFT		0.2	0.1840	92		

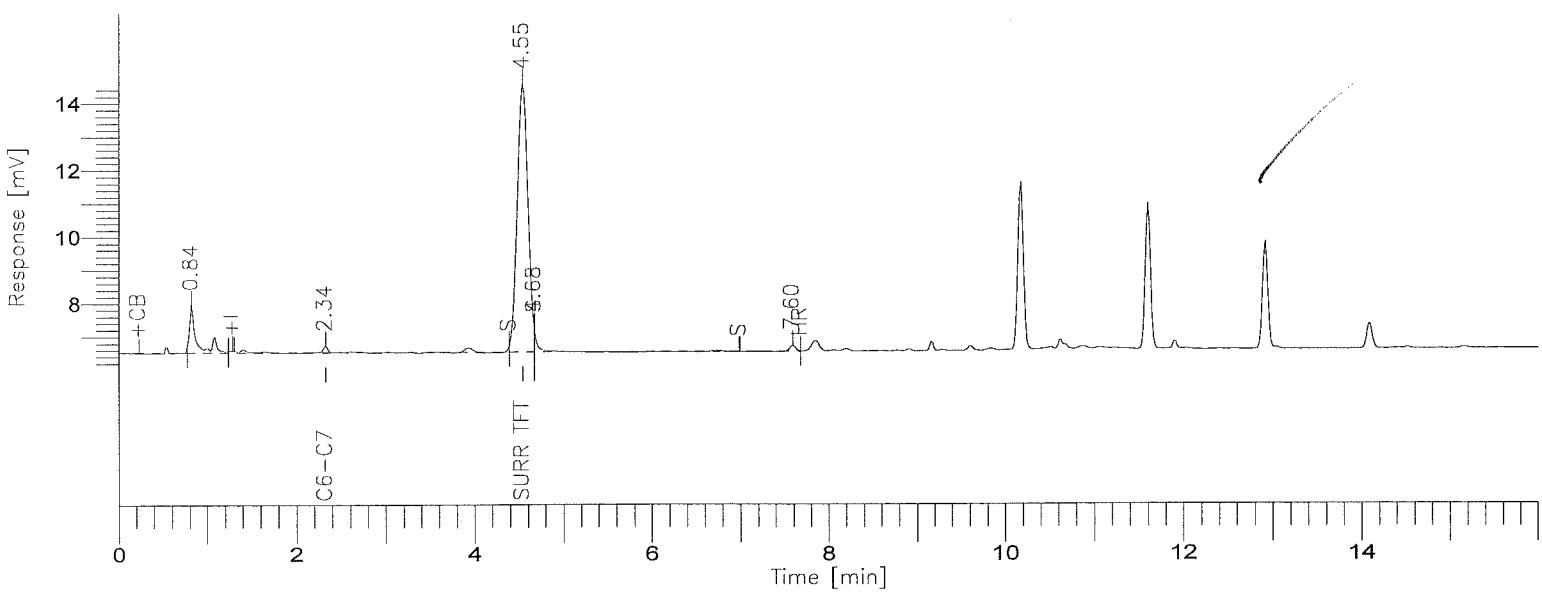
Software Version: 4.1<2F12>
Sample Name : i290371-44 Time : 10/3/00 05:07 PM
Sample Number: i290371-44 Study : C6-C8 LOW
(rator :

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

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 04:51 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A113.RAW
Result File : C:\TC4\GC16AB\929A113.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A113.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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

001085

BOE-C6-0159506

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	SURR % REC	R.Limits (ppm)	FN	Raw Amount (ppm)
4.55	SURR TFT	67586	0.1840	92.0	0.00		0.0368
4.68	GASOLINE RANGE	1286	-0.0910	-----	1.00		-0.0182
		68872					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)
2.34	C6-C7	1103	-0.1393	-----	1.00		-0.0279
4.68	C7-C8	183	0.0164	-----	1.00		0.0033
		1286					-0.0246

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A113.TX0

Lot/Sample: E0I290371-044S C-2-33-5 TICs.....: N Report Results: Y
WO#.....: DLC96-1-0P 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: 10/03/00
Inject Time..: 17:19 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A114
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 16:47:18
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/03/00
QC Batch.....: 0279501
MS Run Number: 0279228
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	6.1585	123.1	2.76		
	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	0.2123	106.15		

Software Version: 4.1<2F12>
Sample Name : 371-44ms
Sample Number: 371-44ms
Operator :

Time : 10/3/00 05:35 PM
Study : C6-C8 LOW

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

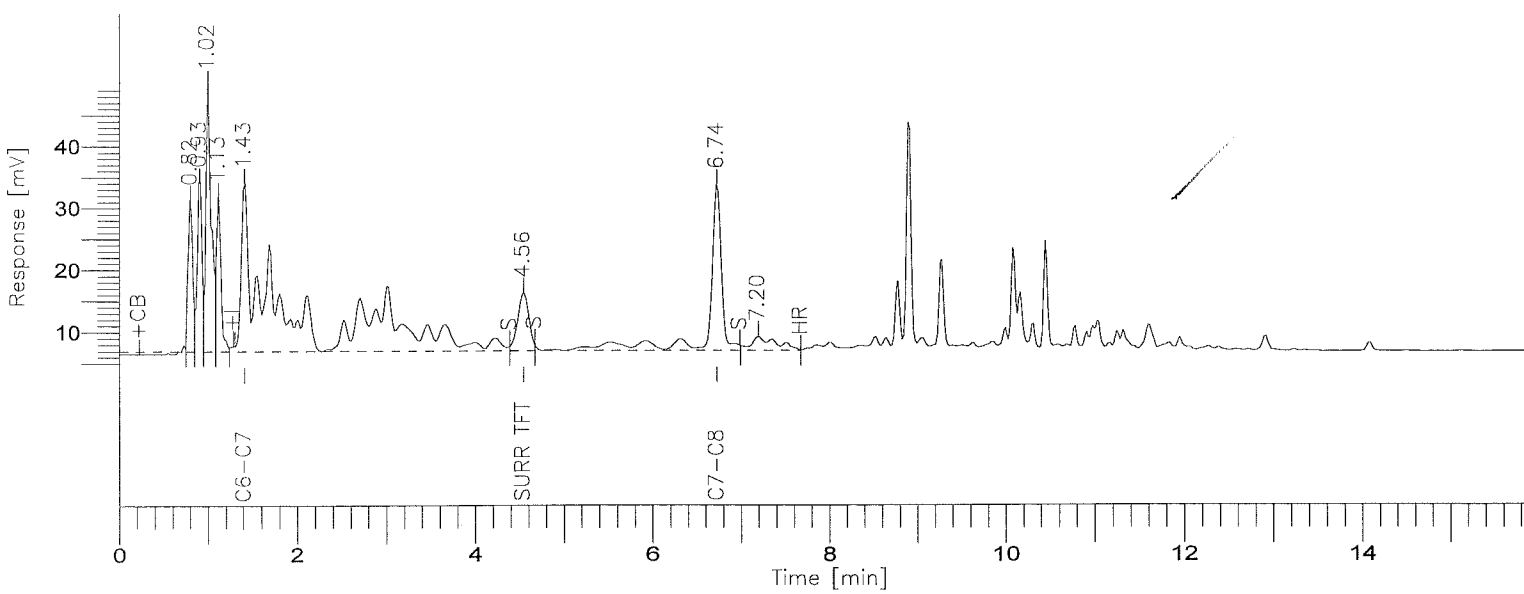
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 05:19 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A114.RAW
Result File : C:\TC4\GC16AB\929A114.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A114.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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)
1.43	GASOLINE RANGE	1067123	6.1585	1.0000	123.2		1.2317
4.56	SURR TFT	81893	0.2123	0.0400	106.1		0.0425
		1149016					1.2741

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	QC Spike (ppm)	QC % REC	FN	Raw Amount (ppm)
1.43	C6-C7	813867	6.7677	1.0000	135.4		1.3535
6.74	C7-C8	253256	4.8027	1.0000	96.1		0.9605
		1067123					2.3141

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A114.TX0

Lot/Sample: E0I290371-044D C-2-33-5 TICs.....: N Report Results: Y
WO#.....: DLC96-1-0Q 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: 10/03/00
Inject Time..: 17:48 Inject Vol: 1.0 Units: mL
Analyst.....: 001464 Jose Alcantara
Dil Factor: 1.00 Instr File: 929A115
Instr ID: G16 Column: DB624 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/05 16:47:19
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/03/00
QC Batch.....: 0279501
MS Run Number: 0279228
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	5.9906	119.8	2.76		
	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	0.2114	105.7		

Software Version: 4.1<2F12>
Sample Name : 371-44msd
Sample Number: 371-44msd
Operator :

Time : 10/3/00 06:04 PM
Study : C6-C8 LOW

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

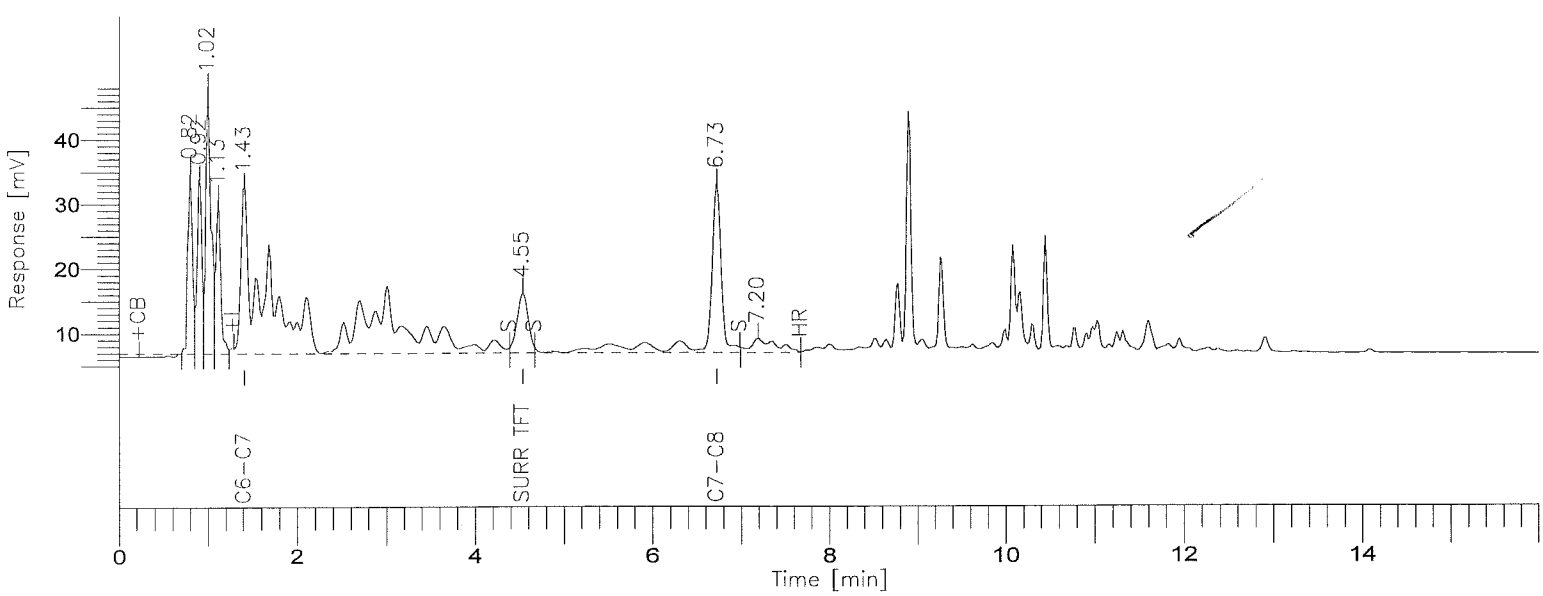
Channel : A A/D mV Range : 1000

Interface Serial # : 2346570928 Data Acquisition Time: 10/3/00 05:48 PM
Delay Time : 0.00 min.
End Time : 16.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\GC16AB\929A115.RAW
Result File : C:\TC4\GC16AB\929A115.RST
Inst Method : C:\TC4\GC16AB\METHODS\911C6-C8 from C:\TC4\GC16AB\929A115.RST
Proc Method : C:\TC4\GC16AB\METHODS\911C6-C8
Calib Method : C:\TC4\GC16AB\METHODS\911C6-C8
Sequence File : C:\TC4\GC16AB\929.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)
1.43	GASOLINE RANGE	1038489	5.9906	1.0000	119.8		1.1981
4.55	SURR TFT	81432	0.2114	0.0400	105.7		0.0423
		1119921					1.2404

Group Report For : GASOLINE RANGE

Time [min]	Component Name	Area [uV*sec]	Final Results (ppm)	QC Spike (ppm)	QC % REC	FN	Raw Amount (ppm)
1.43	C6-C7	789944	6.5644	1.0000	131.3		1.3129
6.73	C7-C8	248545	4.7136	1.0000	94.3		0.9427
		1038489					2.2556

L - LOS ANGELES

Report stored in ASCII file: C:\TC4\GC16AB\929A115.TX0

INITIAL CALIBRATION DATA

Date Analyzed: 9-11-00

Instrument ID: GC6A-6A8

$C_6 \rightarrow C_8$

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

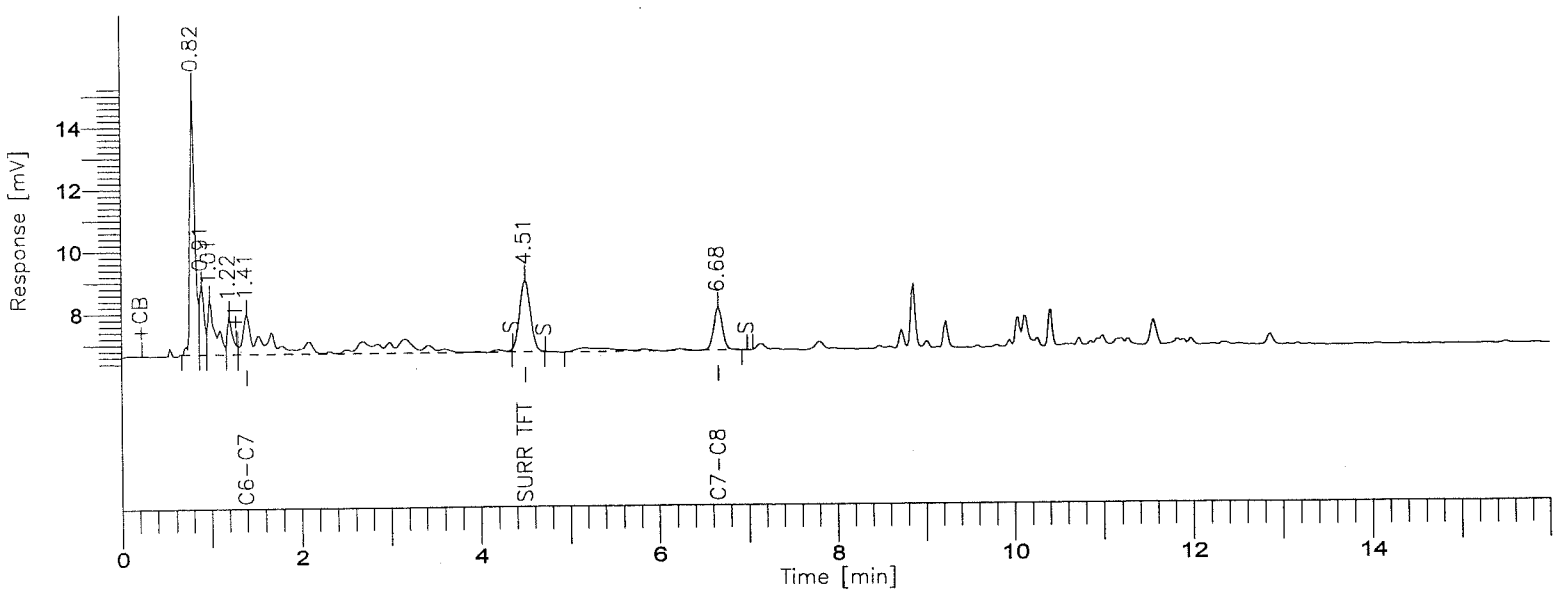
Channel : A A/D mV Range : 1000

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

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

STL - 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

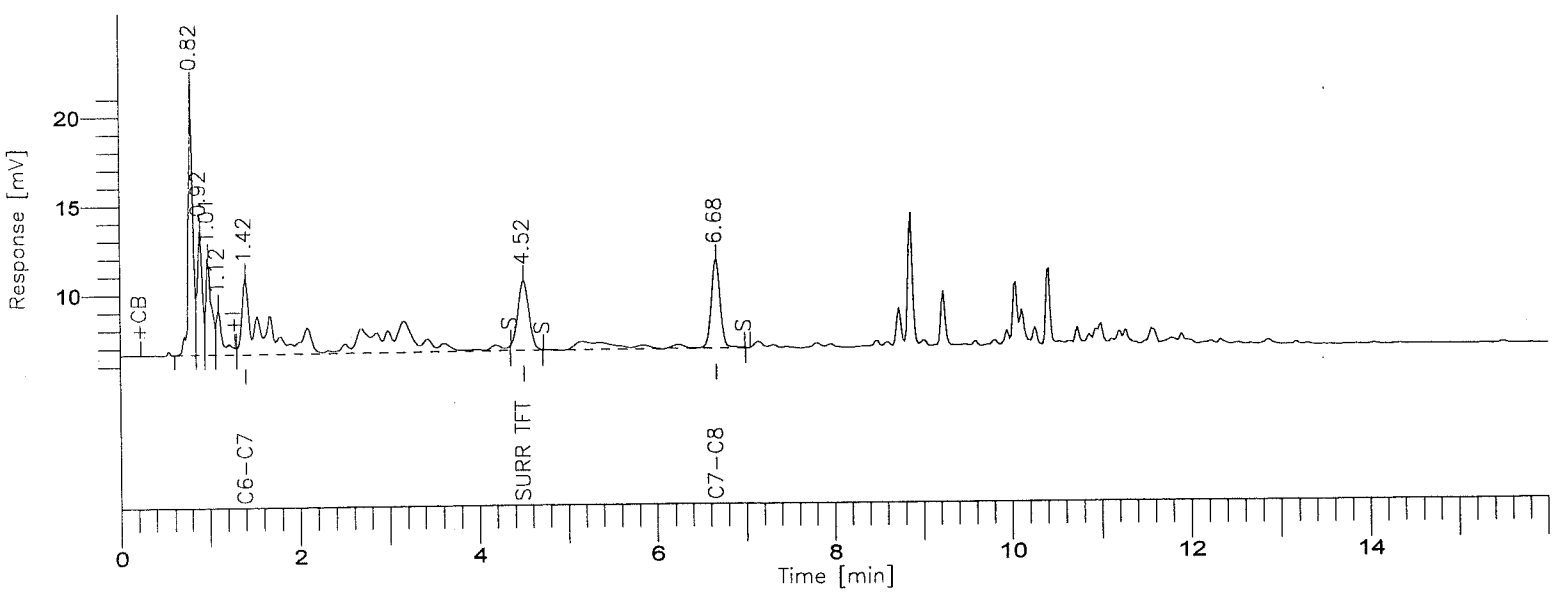
Channel : A A/D mV Range : 1000

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

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

CTL - 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

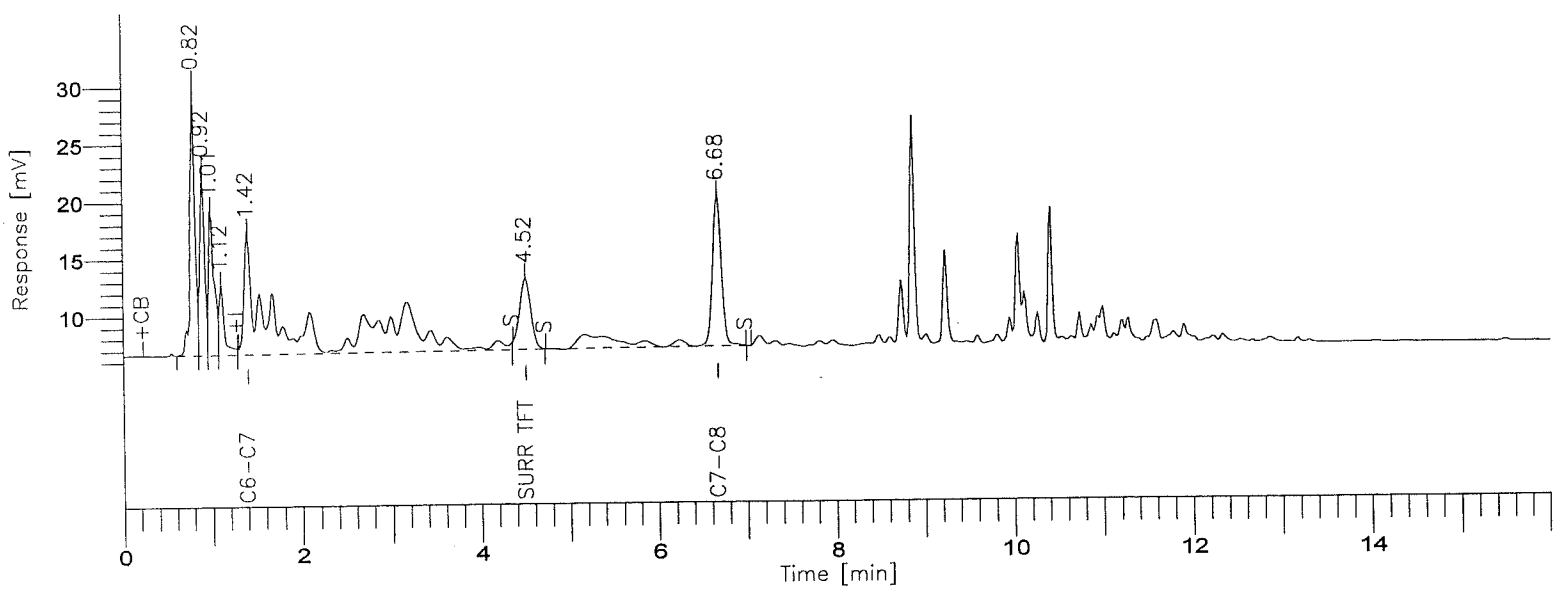
Channel : A A/D mV Range : 1000

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

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

L - 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

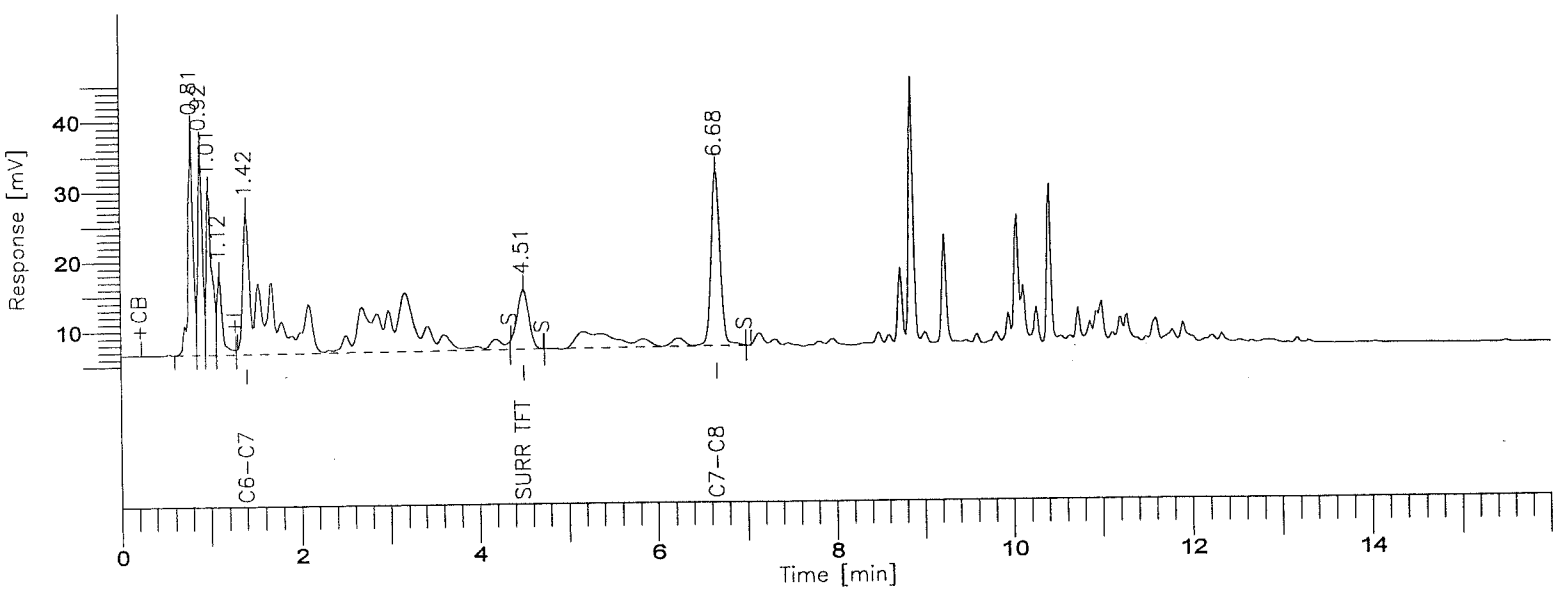
Channel : A A/D mV Range : 1000

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

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

TL - 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

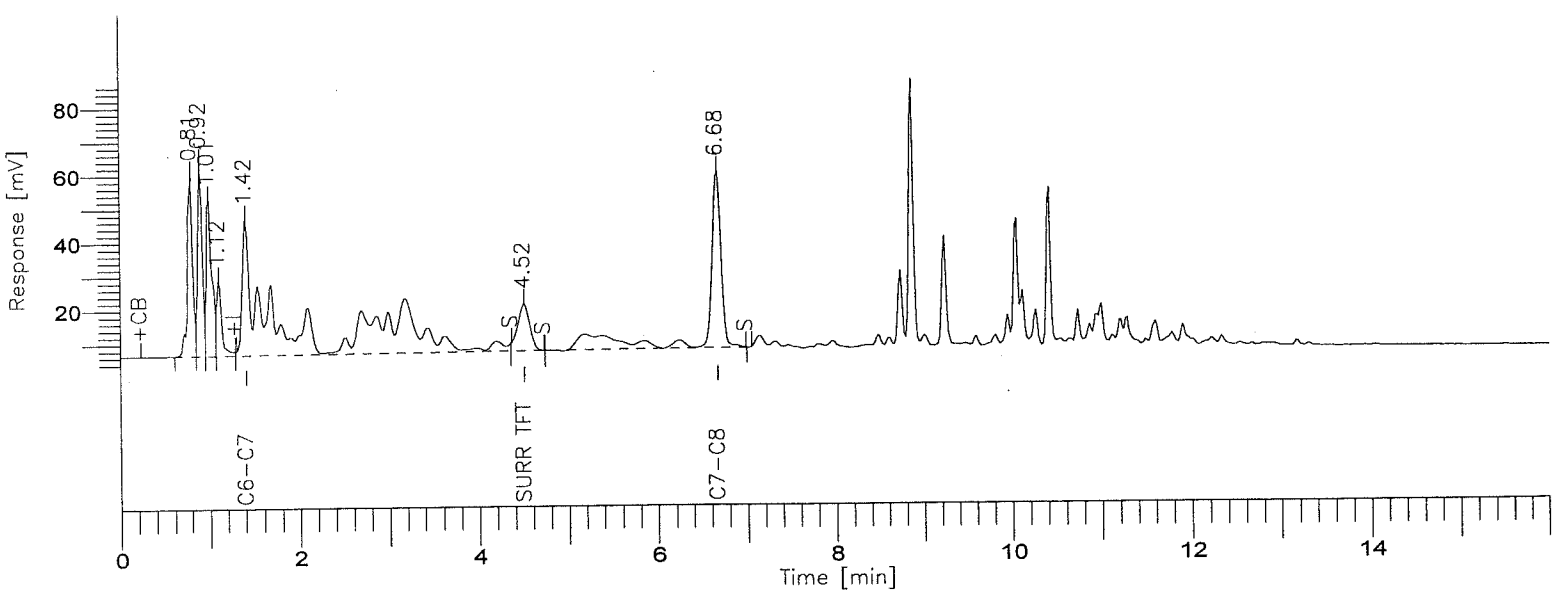
Channel : A A/D mV Range : 1000

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

001106

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
Operator :

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

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

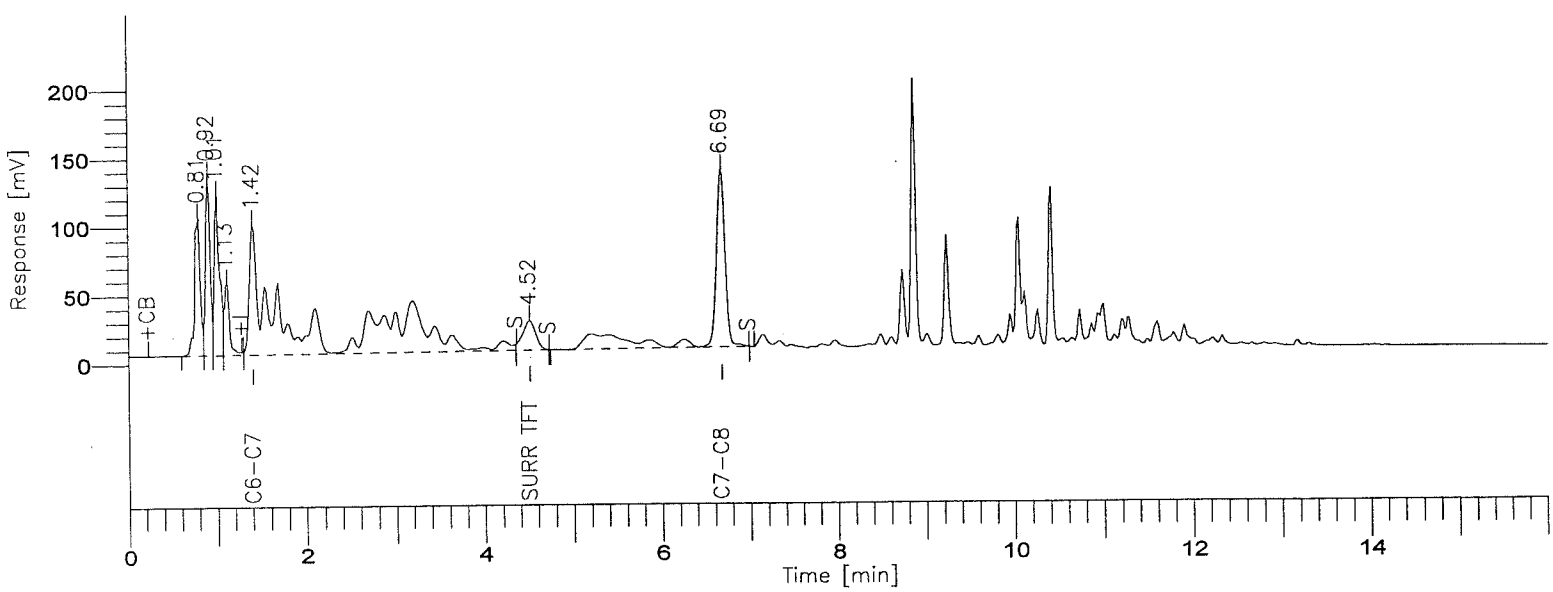
Channel : A A/D mV Range : 1000

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

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

CTL - 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

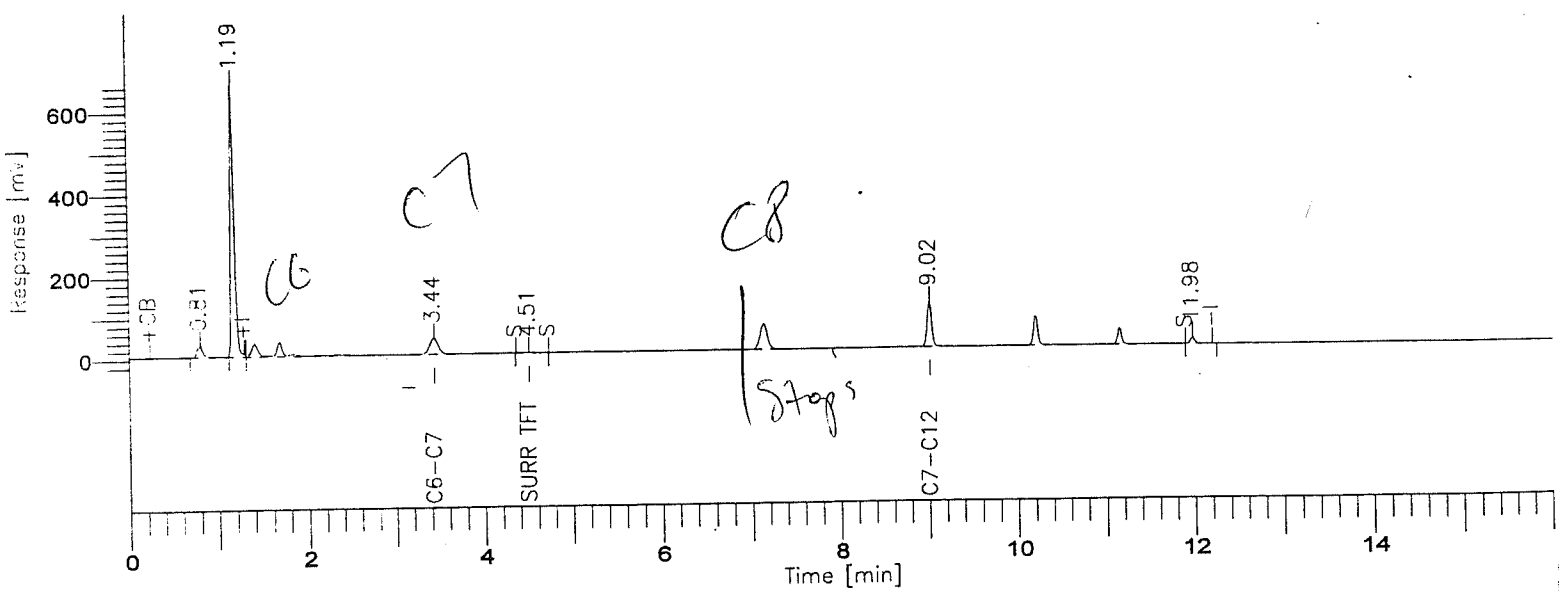
Channel : A A/D mV Range : 1000

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

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			

..L - 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
O' :ator :

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

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

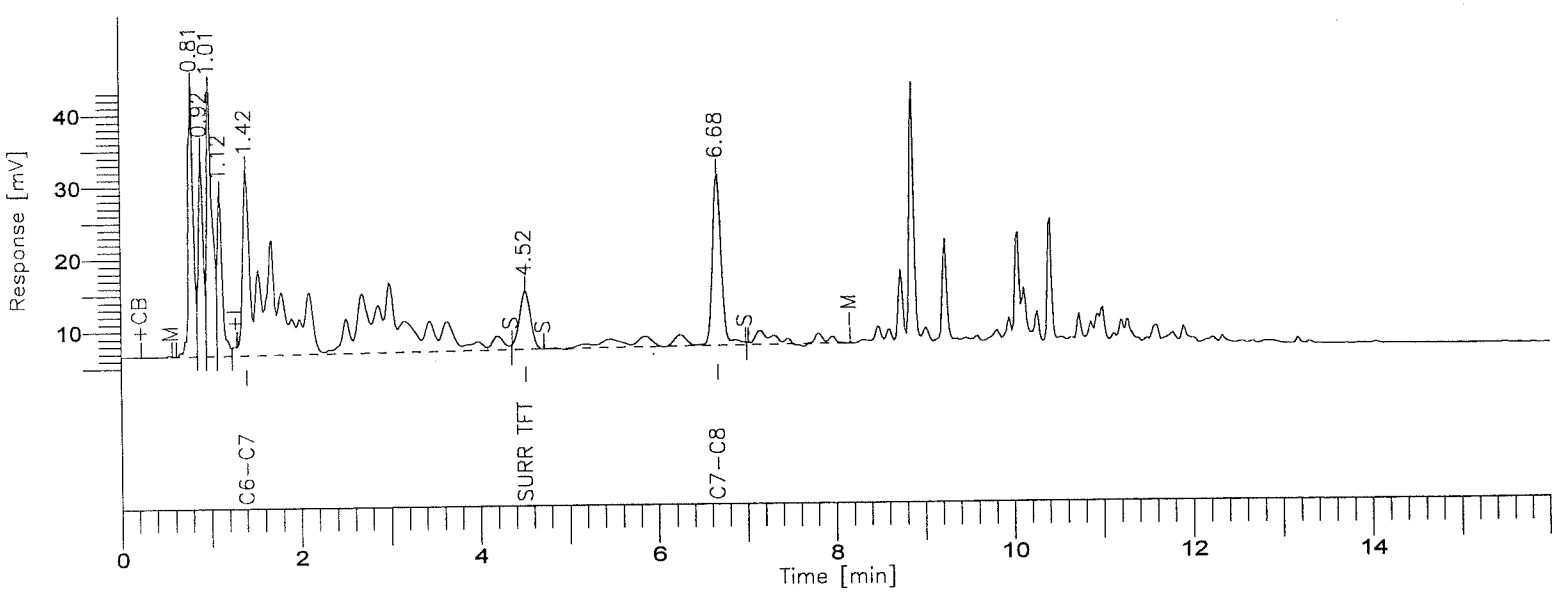
Channel : A A/D mV Range : 1000

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

001112

BOE-C6-0159533

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-C6-0159535

TEPH

SAMPLE AND QC DATA

$C_8 \rightarrow C_{40}^+$

Date(s) Analyzed: 10-9-00 / 10-10-00

Instrument ID: GC1 GC2 GC3

Lab #: EOI290371

Batch #: 0276467

Samples: B, C

BATCH QC: EOI290370-24, 245, 240

EXTRACTION NOTES

BOE-C6-0159537

10/6

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/02/00
Time: 17:38:24

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 / 10/02/00

QC BATCH: 0276467

PREP DATE: 10/02/00
COMP DATE: 10/02/00

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	EXTRACTION	SOLVENTS VOL	EXCHANGE	VOL	SPIKE STANDARD/ SURROGATE ID
10/13/00	10/06/00	E0I290370-023 **DLC7C-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290370-024 **DLC7D-1-0QS**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1561-1DCS/5000PPM/1ML TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290370-024 **DLC7D-1-0RD**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1561-1DCS/5000PPM/1ML TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290370-024 **DLC7D-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290370-025 **DLC7E-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-001 **DLC7J-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-003 **DLC7L-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															

e-chain

BOE-C6-0159538

001117

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/02/00
Time: 17:38:24

QC BATCH: 0276467

PREP DATE: 10/02/00
COMP DATE: 10/02/00

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
10/13/00	10/06/00	E0I290371-004 **DLC7N-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-005 **DLC7P-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-007 **DLC7R-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-008 **DLC7T-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-010 **DLC7W-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-011 **DLC7X-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-023 **DLC8C-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-012 **DLC80-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-013 **DLC81-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-014 **DLC82-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															

BOE-C6-0159539

00118

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/02/00
Time: 17:38:24

QC BATCH: 0276467

PREP DATE: 10/02/00
COMP DATE: 10/02/00

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
10/13/00	10/06/00	E0I290371-015 **DLC83-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-017 **DLC85-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-018 **DLC86-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-019 **DLC87-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-021 **DLC89-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	0/00/00	E0J020000-467 **DLEL7-1-01B**		0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	0/00/00	E0J020000-467 **DLEL7-1-02C**		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/T08286 NA2SO4/8024
METHOD: SOLID/SOLVENT EXTRACTION (AUTO SHAKER).
RELINQUISHED BY/DATE: CA 10-03-00 RECEIVED BY/DATE: EC 10-03-00

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

NUMBER OF WORK ORDERS IN BATCH: 24

BOE-C6-0159540

Turbochrom Sequence File : C:\TC4\DATA_01\009A.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:

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

FJK 10/13/00

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	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
17	Sample	370-01 MS	DLC6J11WS	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
18	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
52	Sample	262-LCD	DLLVV103L	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
53	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	DLJL010M	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

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/13/00 09:28 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 03:25 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

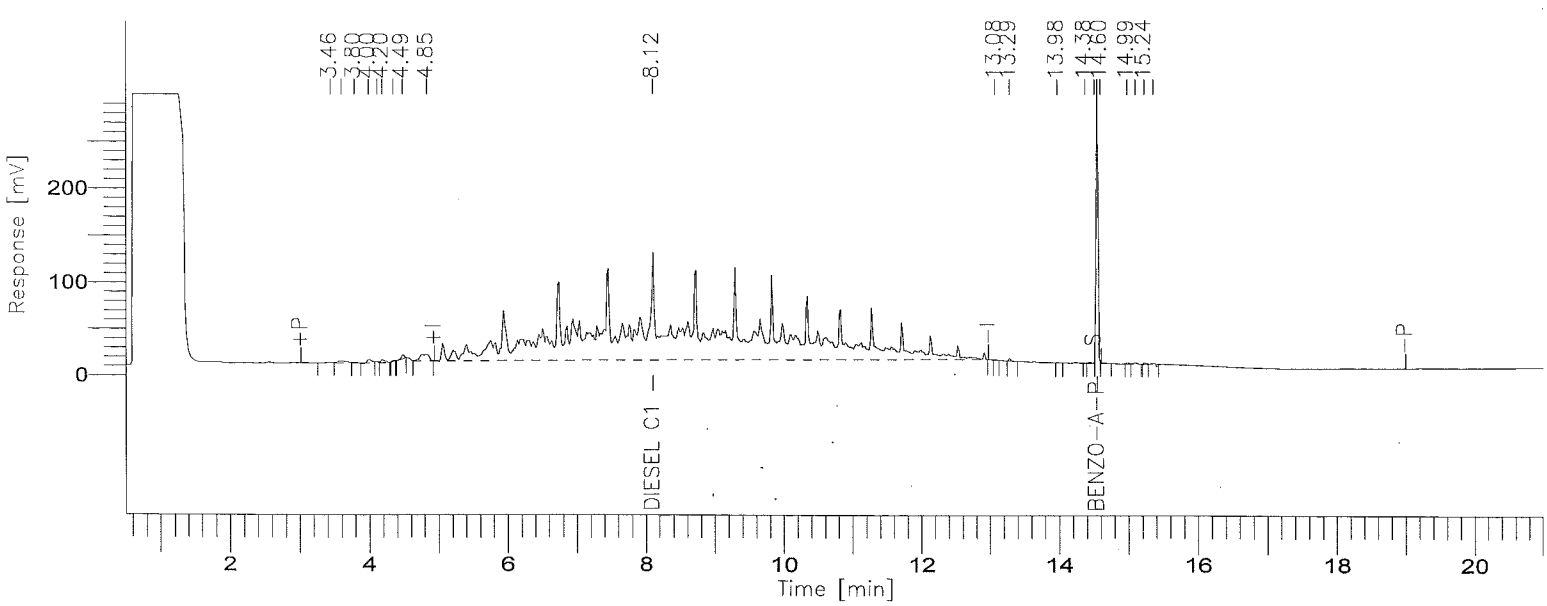
Raw Data File : C:\TC4\DATA_01\O09A036.RAW
Result File : C:\TC4\DATA_01\O09A036.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A036.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A036.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A036.R
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: 21



001121

BOE-C6-0159542

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.455		5909	0.0059	------	----------
3.606		23101	0.0231	------	----------
3.798		5931	0.0059	------	----------
4.003		18548	0.0185	------	----------
4.123		4635	0.0046	------	----------
4.197		14037	0.0140	------	----------
4.357		4026	0.0040	------	----------
4.489		12485	0.0125	------	----------
4.848		64345	0.0643	------	----------
8.116	DIESEL C10-C24	10081701	1363.8820	1000.0	36.39
13.083		2254	0.0023	------	----------
13.286		4465	0.0045	------	----------
13.980		559	0.0006	------	----------
14.380		289	0.0003	------	----------
14.517		5171	0.0052	------	----------
14.552	BENZO-A-PYRENE	653950	61.9693	50.0	23.94
14.600		1092	0.0011	------	----------
14.987		3200	0.0032	------	----------
15.104		3551	0.0036	------	----------
15.237		2723	0.0027	------	----------
15.366		2858	0.0029	------	----------
		10914830	1426.0305		

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A036.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/13/00 09:29 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 03:55 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

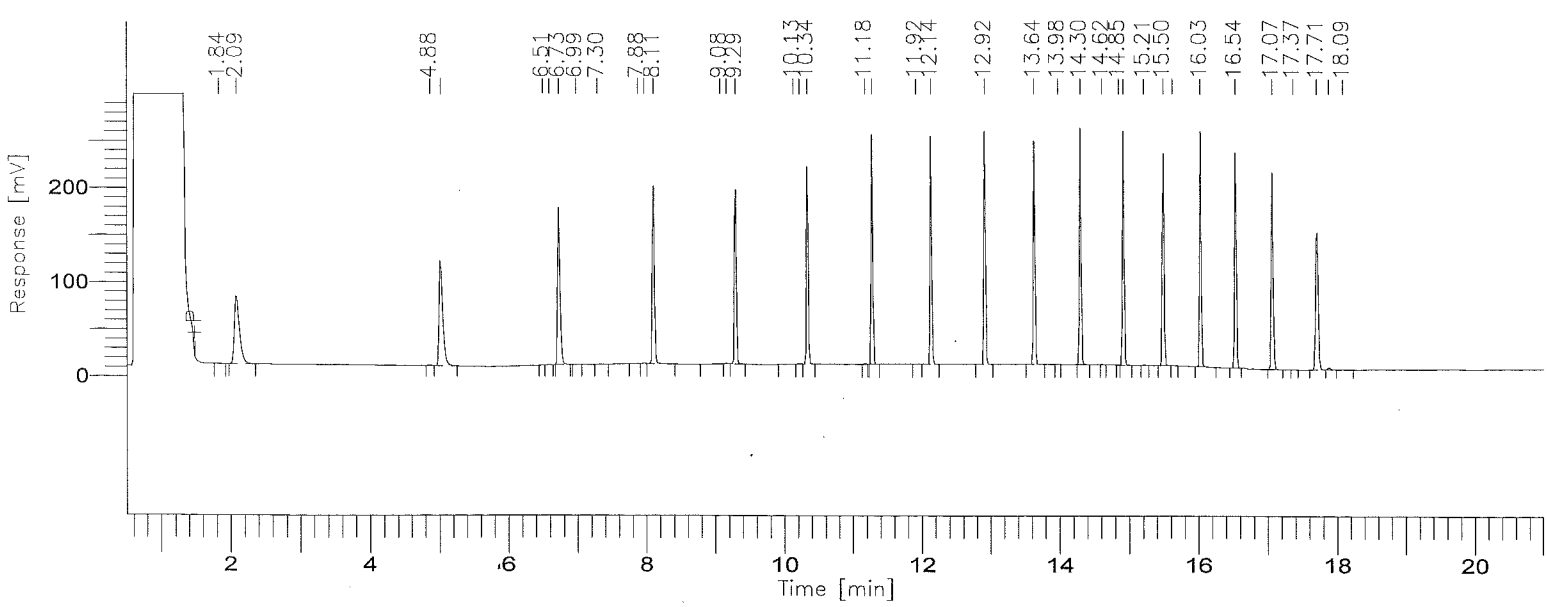
Raw Data File : C:\TC4\DATA_01\O09A037.RAW
Result File : C:\TC4\DATA_01\O09A037.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A037.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A037.RS
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A037.RS
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: 39



001123

BOE-C6-0159544

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.446	C8-C9	367046	36.7345	30.0	22.45
5.772	C10-C11	410236	38.8797	30.0	29.60
7.314	C12-C13	406302	37.8621	30.0	26.21
8.586	C14-C15	402007	33.3731	30.0	11.24
9.692	C16-C17	400737	37.0247	30.0	23.42
10.720	C18-C19	395340	32.9195	30.0	9.73
12.018	C20-C23	792504	36.4995	30.0	21.66
13.534	C24-C27	802958	38.2553	30.0	27.52
14.819	C28-C31	811457	37.7985	30.0	26.00
15.898	C32-C35	812392	37.7374	30.0	25.79
16.990	C36-C39	811531	37.8898	30.0	26.30
19.290	C40+	402676	39.0021	30.0	30.01
		6815188	443.9761		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.091		365604	0.3656	------	----------
4.876		1443	0.0014	------	----------
		367046	0.3670		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.023		407461	0.4075	------	----------
6.507		540	0.0005	------	----------
6.599		2235	0.0022	------	----------
		410236	0.4102		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
6.734		397792	0.3978	------	----------
6.985		817	0.0008	------	----------
7.297		1979	0.0020	------	----------
7.883		1785	0.0018	------	----------
7.980		3929	0.0039	------	----------
		406302	0.4063		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.114		396137	0.3961	------	----------
9.076		5870	0.0059	------	----------
		402007	0.4020		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.168		3855	0.0039	------	----------
9.294		391707	0.3917	------	----------
10.133		2841	0.0028	------	----------
10.225		2334	0.0023	------	----------
		400737	0.4007		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
10.338		393302	0.3933	------	----------
11.179		2038	0.0020	------	----------
		395340	0.3953		

Group Report For : C20-C23

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

11.283	395618	0.3956	------	----------
11.918	585	0.0006	------	----------
12.135	396302	0.3963	------	----------
	792504	0.7925		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.918		397236	0.3972	------	----------
13.636		405387	0.4054	------	----------
13.979		335	0.0003	------	----------
		802958	0.8030		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.302		404705	0.4047	------	----------
14.616		724	0.0007	------	----------
14.852		728	0.0007	------	----------
14.918		404778	0.4048	------	----------
15.214		522	0.0005	------	----------
		811457	0.8115		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.497		407598	0.4076	------	----------
15.627		869	0.0009	------	----------
16.033		403925	0.4039	------	----------
		812392	0.8124		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
16.536		403995	0.4040	------	----------
17.067		407014	0.4070	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.370		522	0.0005	------	----------
		811531	0.8115		

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.709		395693	0.3957	------	----------
17.884		6340	0.0063	------	----------
18.087		643	0.0006	------	----------
		402676	0.4027		

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\O09A037.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/13/00 09:30 AM
Sample Number: 1000 PPM Study : ICAL 8/28/00
(rator :

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 09:28 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

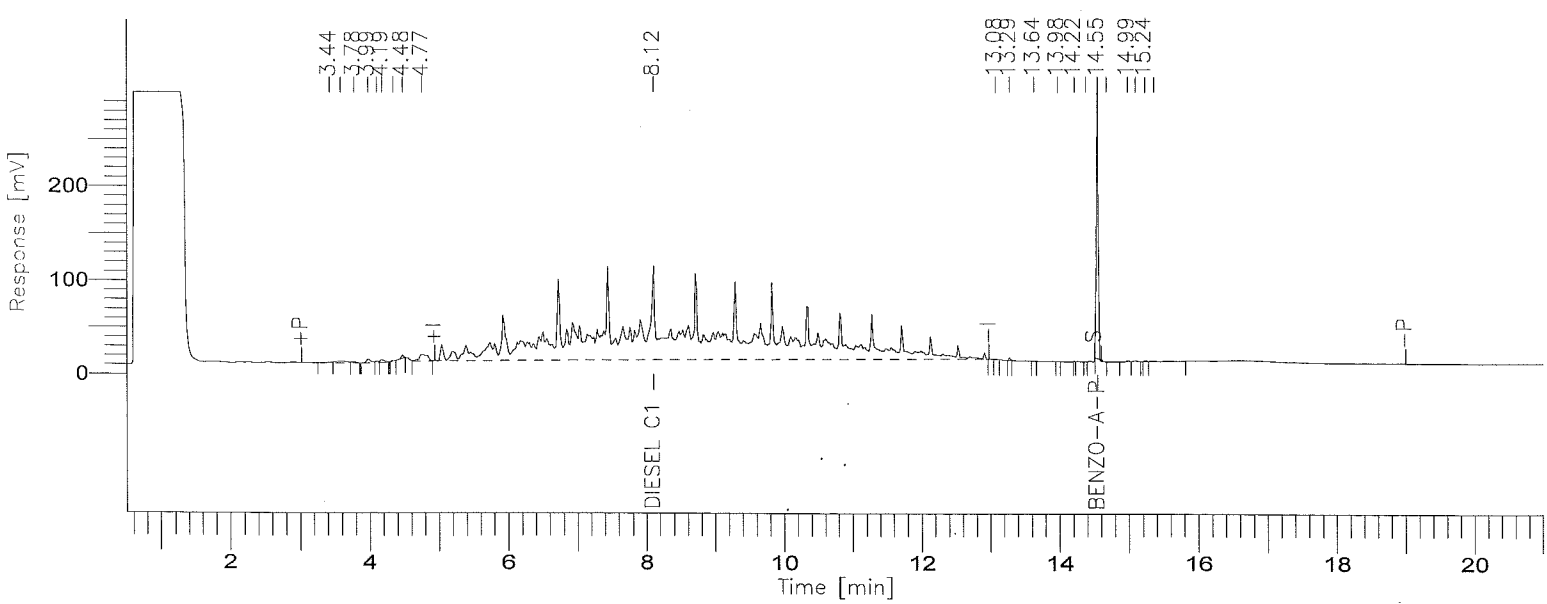
Raw Data File : C:\TC4\DATA_01\O09A048.RAW
Result File : C:\TC4\DATA_01\O09A048.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A048.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A048.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A048.R
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
ltiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 22



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BOE-C6-0159549

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.435		5419	0.0054	------	----------
3.588		20166	0.0202	------	----------
3.784		5320	0.0053	------	----------
3.987		17256	0.0173	------	----------
4.114		3916	0.0039	------	----------
4.186		12061	0.0121	------	----------
4.349		4321	0.0043	------	----------
4.481		10040	0.0100	------	----------
4.765		57751	0.0578	------	----------
8.115	DIESEL C10-C24	8991212	1216.3574	1000.0	21.64
13.081		1872	0.0019	------	----------
13.285		4084	0.0041	------	----------
13.637		1414	0.0014	------	----------
13.979		502	0.0005	------	----------
14.221		580	0.0006	------	----------
14.379		290	0.0003	------	----------
14.550	BENZO-A-PYRENE	561530	53.2114	50.0	6.42
14.683		4411	0.0044	------	----------
14.985		3042	0.0030	------	----------
15.102		3353	0.0034	------	----------
15.235		2392	0.0024	------	----------
15.365		4087	0.0041	------	----------
		9715018	1269.7312		

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A048.TXO

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/13/00 09:30 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: 10/10/00 09:58 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

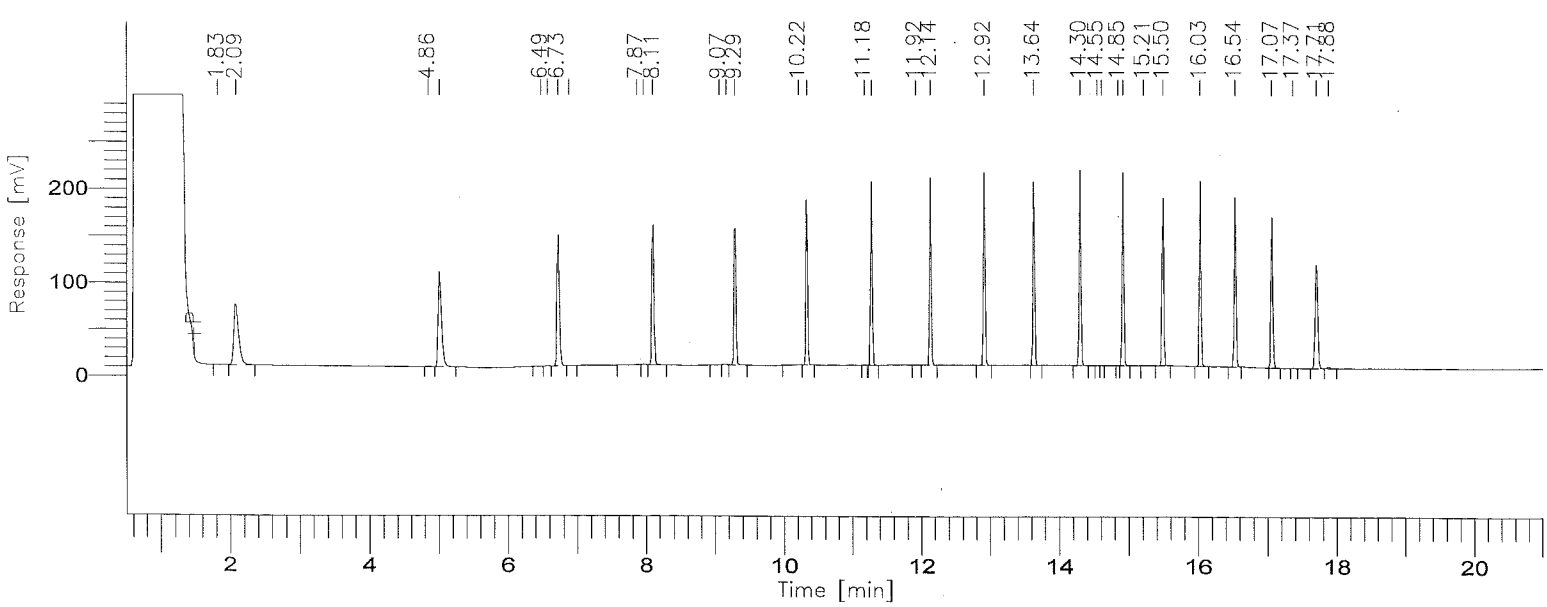
Raw Data File : C:\TC4\DATA_01\O09A049.RAW
Result File : C:\TC4\DATA_01\O09A049.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A049.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A049.RS
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A049.RS
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: 35



8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.446	C8-C9	321017	32.1278	30.0	7.09
5.772	C10-C11	345628	32.7565	30.0	9.19
7.314	C12-C13	347765	32.4072	30.0	8.02
8.586	C14-C15	329768	27.3760	30.0	-8.75
9.692	C16-C17	332904	30.7575	30.0	2.52
10.720	C18-C19	326766	27.2094	30.0	-9.30
12.018	C20-C23	654074	30.1240	30.0	0.41
13.534	C24-C27	660764	31.4808	30.0	4.94
14.819	C28-C31	667052	31.0720	30.0	3.57
15.898	C32-C35	647608	30.0828	30.0	0.28
16.990	C36-C39	620687	28.9794	30.0	-3.40
19.290	C40+	303530	29.3990	30.0	-2.00
		5557562	363.7724		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.090		319782	0.3198	------	----------
4.859		1235	0.0012	------	----------
		321017	0.3210		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.020		342782	0.3428	------	----------
6.487		672	0.0007	------	----------
6.582		2174	0.0022	------	----------
		345628	0.3456		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
6.731		333105	0.3331	------	----------
6.889		1390	0.0014	------	----------
7.874		8806	0.0088	------	----------
7.969		4464	0.0045	------	----------
		347765	0.3478		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.111		327560	0.3276	------	----------
9.068		2208	0.0022	------	----------
		329768	0.3298		

Group Report For : C16-C17

ime [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.165		3147	0.0031	------	----------
9.292		325790	0.3258	------	----------
10.221		3967	0.0040	------	----------
		332904	0.3329		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
10.337		325108	0.3251	------	----------
11.176		1658	0.0017	------	----------
		326766	0.3268		

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.282		326776	0.3268	------	----------
11.917		529	0.0005	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.135		326769	0.3268	------	----------
		654074	0.6541		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.918		327397	0.3274	------	----------
13.636		333367	0.3334	------	----------
		660764	0.6608		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.301		333082	0.3331	------	----------
14.547		304	0.0003	------	----------
14.616		558	0.0006	------	----------
14.852		631	0.0006	------	----------
14.918		331680	0.3317	------	----------
15.214		797	0.0008	------	----------
		667052	0.6671		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.496		329766	0.3298	------	----------
16.033		317842	0.3178	------	----------
		647608	0.6476		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
16.536		311302	0.3113	------	----------
17.066		309044	0.3090	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.367		341	0.0003	------	----------
		620687	0.6207		

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.707		298525	0.2985	------	----------
17.882		5005	0.0050	------	----------
		303530	0.3035		

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\O09A049.TX0

Software Version: 4.1<2F12>
Sample Name : 370-24 Time : 10/13/00 09:29 AM
Sample Number: DLC7D102 Study : ICAL 8/28/00
(›rator :

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 06:56 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

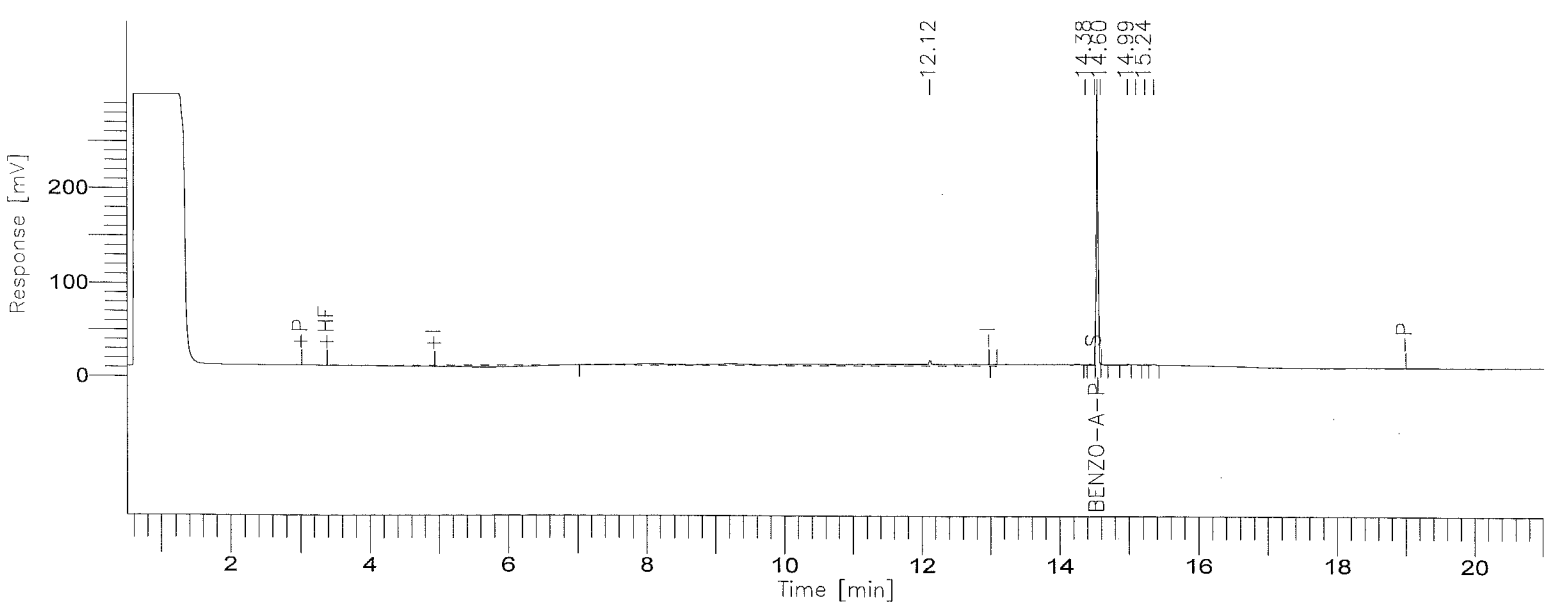
Raw Data File : C:\TC4\DATA_01\O09A043.RAW
Result File : C:\TC4\DATA_01\O09A043.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A043.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A043.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A043.R
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
ltiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 9



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BOE-C6-0159556

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	508923	12.057	96.5	10.0	
		508923	12.057			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A043.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 10/13/00

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
[illegible]	Sample	370-01 MS	DLC6J11WS	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
18	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
2	Sample	262-LCD	DLLVV103L	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
3	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
[illegible]	Sample	162-MB	DLJ1V101B	ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
[illegible]	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
[illegible]	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
140	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

148	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 : 10/13/00 08:59 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: 10/9/00 12:53 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

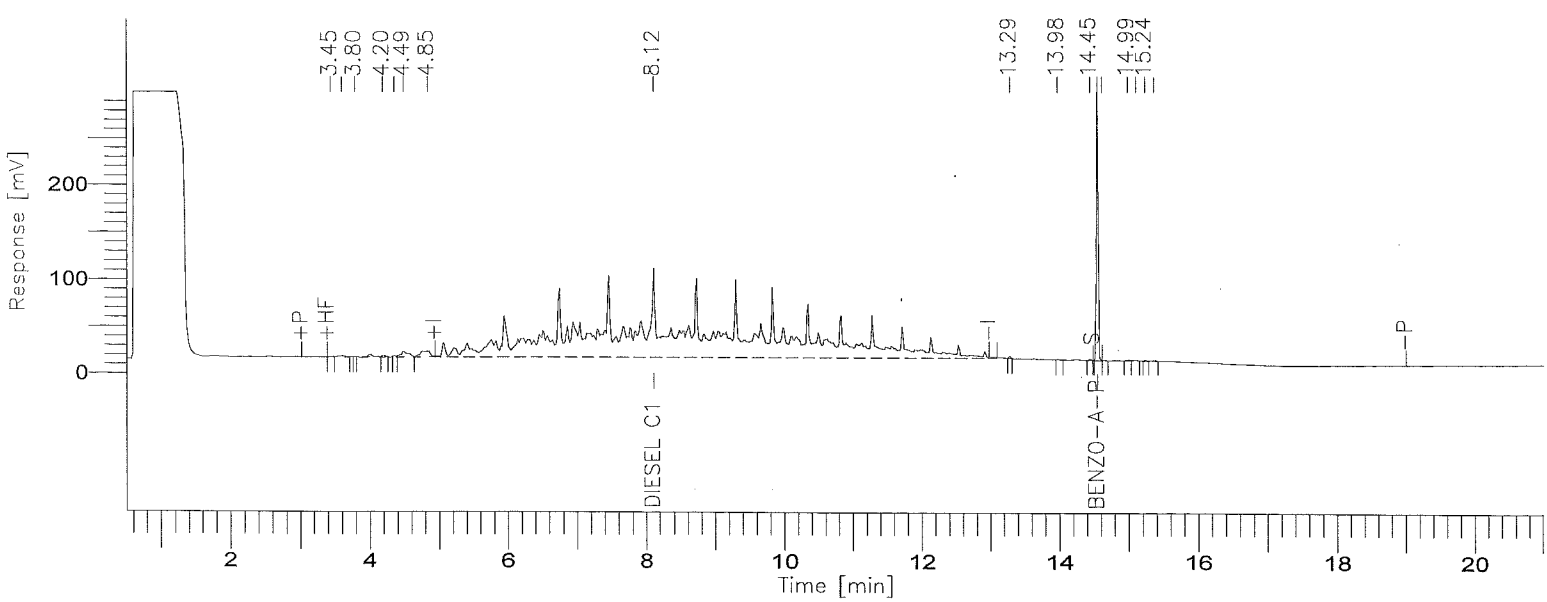
Raw Data File : C:\TC4\DATA_01\O09A010.RAW
Result File : C:\TC4\DATA_01\O09A010.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A010.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Sequence File : C:\TC4\DATA_01\O09A.SEQ

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: 17



8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.446		803	0.0008	------	----------
3.605		8674	0.0087	------	----------
3.797		598	0.0006	------	----------
4.200		6217	0.0062	------	----------
4.362		4725	0.0047	------	----------
4.493		41158	0.0412	------	----------
4.849		58983	0.0590	------	----------
8.117	DIESEL C10-C24	8486117	1148.0267	1000.0	14.80
13.286		3541	0.0035	------	----------
13.980		496	0.0005	------	----------
14.445		2501	0.0025	------	----------
14.551	BENZO-A-PYRENE	529426	50.1692	50.0	0.34
14.617		447	0.0004	------	----------
14.986		2661	0.0027	------	----------
15.104		2965	0.0030	------	----------
15.236		2084	0.0021	------	----------
15.366		2174	0.0022	------	----------
		9153570	1198.3340		

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A010.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/13/00 08:59 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: 10/9/00 01:24 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

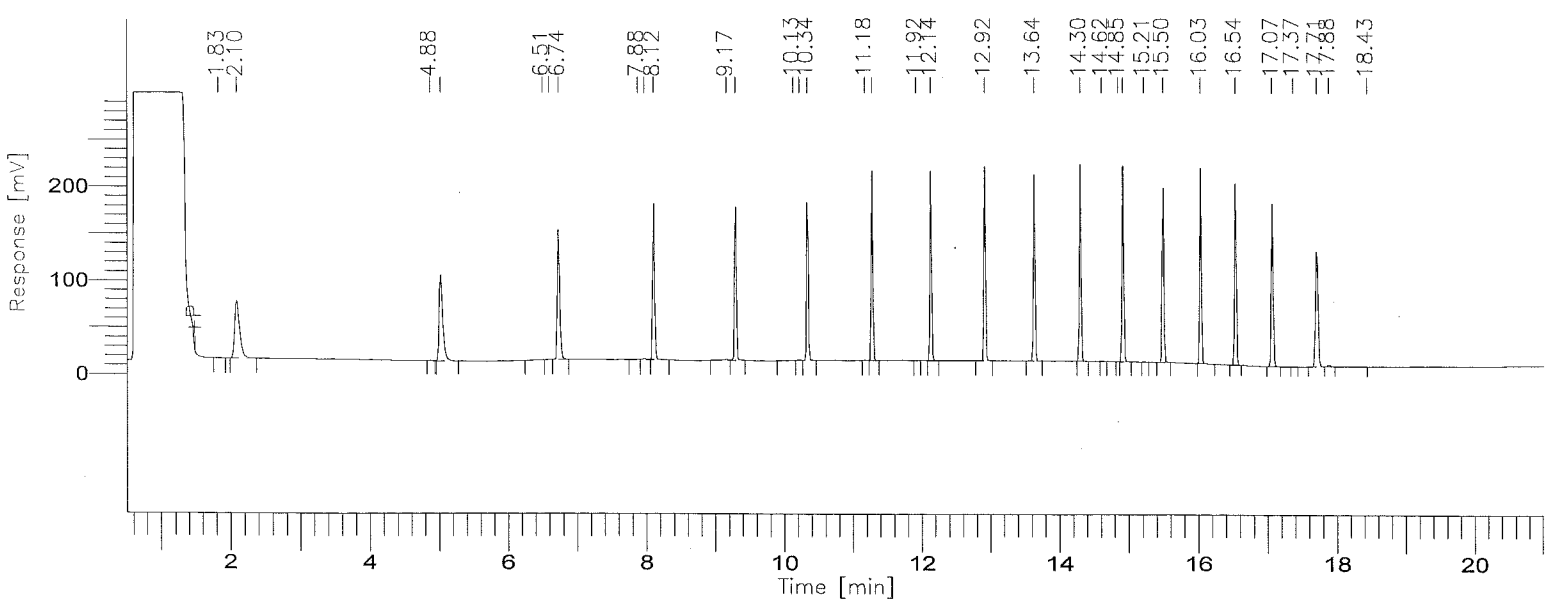
Raw Data File : C:\TC4\DATA_01\O09A011.RAW
Result File : C:\TC4\DATA_01\O09A011.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A011.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O09A.SEQ

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: 34



001142

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.446	C8-C9	304494	30.4742	30.0	1.58
5.771	C10-C11	334329	31.6857	30.0	5.62
7.314	C12-C13	328312	30.5945	30.0	1.98
8.586	C14-C15	321297	26.6728	30.0	-11.09
9.691	C16-C17	334356	30.8917	30.0	2.97
10.720	C18-C19	327700	27.2871	30.0	-9.04
12.018	C20-C23	657126	30.2645	30.0	0.88
13.534	C24-C27	666614	31.7595	30.0	5.87
14.819	C28-C31	672878	31.3433	30.0	4.48
15.898	C32-C35	671059	31.1721	30.0	3.91
16.989	C36-C39	670922	31.3249	30.0	4.42
19.290	C40+	333038	32.2572	30.0	7.52
		5622126	365.7275		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.096		303440	0.3034	------	----------
4.878		1054	0.0011	------	----------
		304494	0.3045		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.030		329213	0.3292	------	----------
6.505		2034	0.0020	------	----------
6.599		3082	0.0031	------	----------
		334329	0.3343		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
6.736		321508	0.3215	------	----------
7.882		2086	0.0021	------	----------
7.979		4718	0.0047	------	----------
		328312	0.3283		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.116		321297	0.3213	------	----------
		321297	0.3213		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.168		5968	0.0060	------	----------
9.296		323430	0.3234	------	----------
10.134		2733	0.0027	------	----------
10.224		2225	0.0022	------	----------
		334356	0.3344		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
10.338		325919	0.3259	------	----------
11.179		1781	0.0018	------	----------
		327700	0.3277		

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.283		327813	0.3278	------	----------
11.917		456	0.0005	------	----------
12.135		328857	0.3289	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
		657126	0.6571		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.918		330178	0.3302	------	----------
13.636		336436	0.3364	------	----------
		666614	0.6666		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.302		335748	0.3357	------	----------
14.616		574	0.0006	------	----------
14.851		603	0.0006	------	----------
14.918		335562	0.3356	------	----------
15.213		390	0.0004	------	----------
		672878	0.6729		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.497		337310	0.3373	------	----------
16.033		333749	0.3337	------	----------
		671059	0.6711		

Group Report For : C36-C39

Time min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
16.536		334228	0.3342	------	----------
17.066		336273	0.3363	------	----------
17.368		421	0.0004	------	----------

	670922	0.6709

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.707		326722	0.3267	------	----------
17.882		5320	0.0053	------	----------
18.433		996	0.0010	------	----------
		333038	0.3330		

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\O09A011.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/13/00 09:02 AM
Sample Number: 1000 PPM Study : ICAL 8/28/00
(rator :

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

Interface Serial # : 2136574898 Data Acquisition Time: 10/9/00 09:21 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

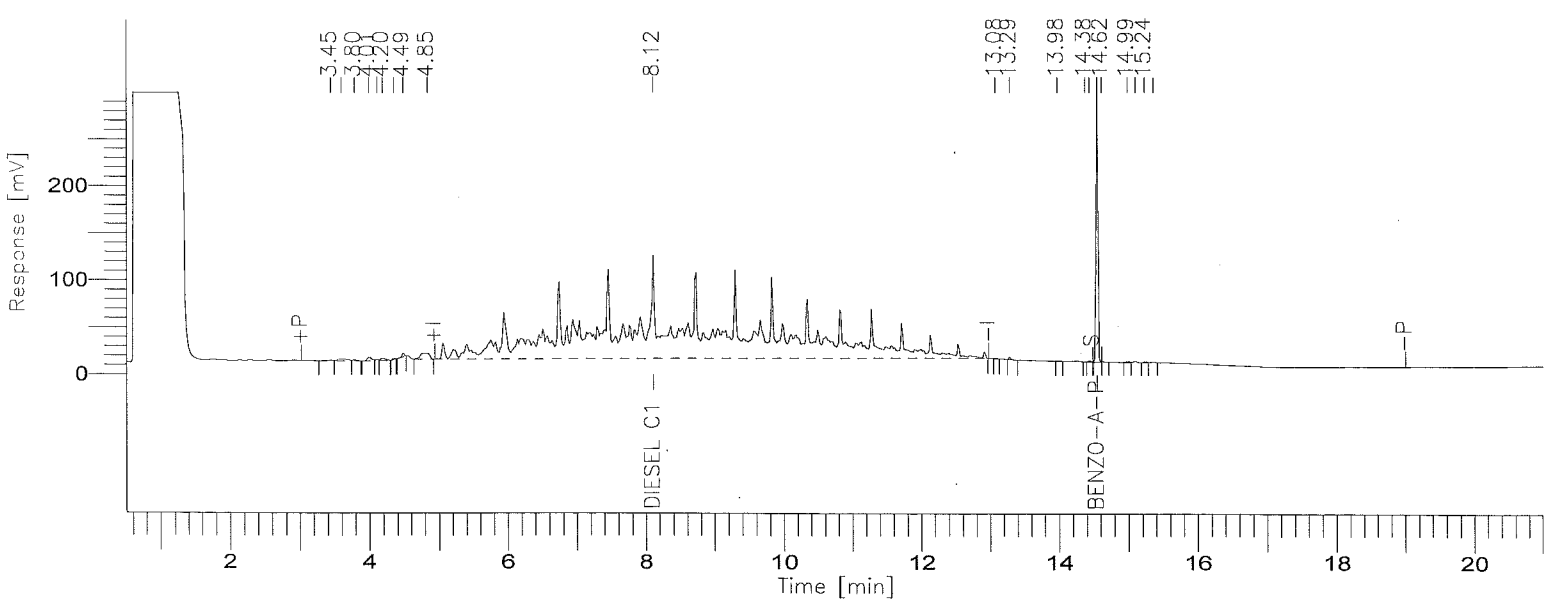
Raw Data File : C:\TC4\DATA_01\O09A024.RAW
Result File : C:\TC4\DATA_01\O09A024.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A024.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A024.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A024.R
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
ltiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 21



001147

BOE-C6-0159568

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.453		5408	0.0054	------	----------
3.607		21357	0.0214	------	----------
3.798		5597	0.0056	------	----------
4.005		17166	0.0172	------	----------
4.125		4463	0.0045	------	----------
4.199		13231	0.0132	------	----------
4.357		3610	0.0036	------	----------
4.490		11404	0.0114	------	----------
4.847		58176	0.0582	------	----------
8.117	DIESEL C10-C24	9377909	1268.6709	1000.0	26.87
13.082		1916	0.0019	------	----------
13.286		4051	0.0041	------	----------
13.980		520	0.0005	------	----------
14.379		274	0.0003	------	----------
14.444		2901	0.0029	------	----------
14.551	BENZO-A-PYRENE	612255	58.0182	50.0	16.04
14.617		492	0.0005	------	----------
14.986		2928	0.0029	------	----------
15.103		3403	0.0034	------	----------
15.236		2573	0.0026	------	----------
15.365		2683	0.0027	------	----------
		10152318	1326.8513		

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A024.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/13/00 09:00 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: 10/9/00 09:21 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

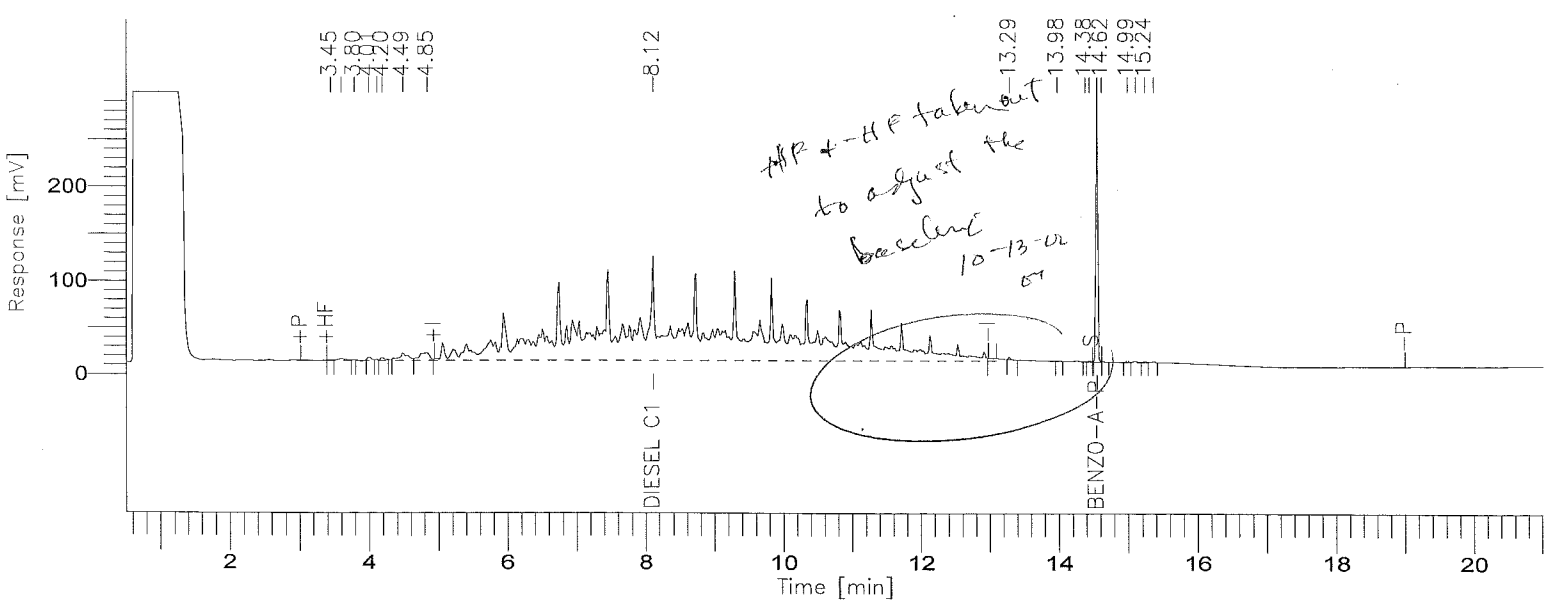
Raw Data File : C:\TC4\DATA_01\O09A024.RAW
Result File : C:\TC4\DATA_01\O09A024.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A024.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24.mth
Sequence File : C:\TC4\DATA_01\O09A.SEQ

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: 19



001149

BOE-C6-0159570

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.12	DIESEL C10-C24	10330823	1397.584	------	10.0	
14.55	BENZO-A-PYRENE	612255	58.018	464.1	10.0	
		10943078	1455.602			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A024.TXO

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/13/00 09:02 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: 10/9/00 09:52 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

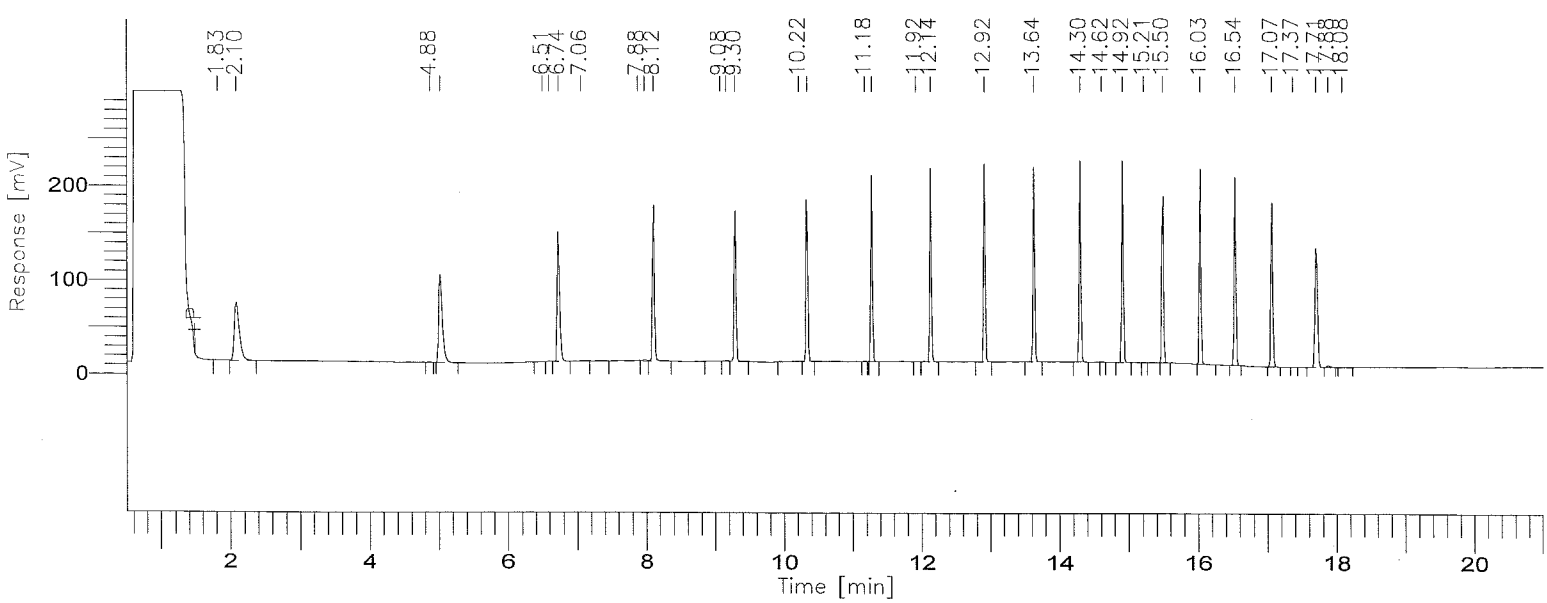
Raw Data File : C:\TC4\DATA_01\O09A025.RAW
Result File : C:\TC4\DATA_01\O09A025.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A025.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A025.RS
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A025.RS
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: 34



001151

BOE-C6-0159572

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.446	C8-C9	310916	31.1170	30.0	3.72
5.772	C10-C11	343097	32.5167	30.0	8.39
7.314	C12-C13	351387	32.7447	30.0	9.15
8.586	C14-C15	335788	27.8758	30.0	-7.08
9.692	C16-C17	336731	31.1111	30.0	3.70
10.720	C18-C19	328217	27.3302	30.0	-8.90
12.018	C20-C23	659219	30.3609	30.0	1.20
13.534	C24-C27	670658	31.9522	30.0	6.51
14.819	C28-C31	680792	31.7120	30.0	5.71
15.898	C32-C35	678538	31.5196	30.0	5.07
16.990	C36-C39	678218	31.6655	30.0	5.55
19.290	C40+	335492	32.4948	30.0	8.32
		5709054	372.4004		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.095		309765	0.3098	------	----------
4.879		1151	0.0012	------	----------
		310916	0.3109		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.031		339547	0.3395	------	----------
6.510		935	0.0009	------	----------
6.601		2615	0.0026	------	----------
		343097	0.3431		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
6.736		331228	0.3312	------	----------
7.058		1858	0.0019	------	----------
7.884		11796	0.0118	------	----------
7.981		6505	0.0065	------	----------
		351387	0.3514		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.115		330646	0.3306	------	----------
9.079		5142	0.0051	------	----------
		335788	0.3358		

Group Report For : C16-C17

ime [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.168		4576	0.0046	------	----------
9.295		327161	0.3272	------	----------
10.223		4994	0.0050	------	----------
		336731	0.3367		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
10.338		326515	0.3265	------	----------
11.179		1702	0.0017	------	----------
		328217	0.3282		

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.282		328771	0.3288	------	----------
11.917		421	0.0004	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.135		330027	0.3300	------	----------
		659219	0.6592		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.918		331241	0.3312	------	----------
13.636		339417	0.3394	------	----------
		670658	0.6707		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.301		339890	0.3399	------	----------
14.616		610	0.0006	------	----------
14.918		339878	0.3399	------	----------
15.213		414	0.0004	------	----------
		680792	0.6808		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.495		340815	0.3408	------	----------
16.033		337723	0.3377	------	----------
		678538	0.6785		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
16.535		338009	0.3380	------	----------
17.066		339760	0.3398	------	----------
17.368		449	0.0004	------	----------

	678218	0.6782

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.706		329651	0.3297	------	----------
17.881		5201	0.0052	------	----------
18.083		640	0.0006	------	----------
		335492	0.3355		

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\O09A025.TX0

Lot/Sample: E0J020000-467B INTRA-LAB BLANK TICs.....: N Report Results: Y
WO#.....: DLEL7-1-01 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: 10/09/00
Inject Time..: 15:48 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O09A014A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 17:50:07
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number:
Prep Time....: 13:00-17:00
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	12.286	98.288		

Software Version: 4.1<2F12>
Sample Name : 370-MB Time : 10/13/00 08:52 AM
Sample Number: DLEL7101B Study : ICAL 8/28/00
(›rator :

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

Interface Serial # : 2136574898 Data Acquisition Time: 10/9/00 03:48 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

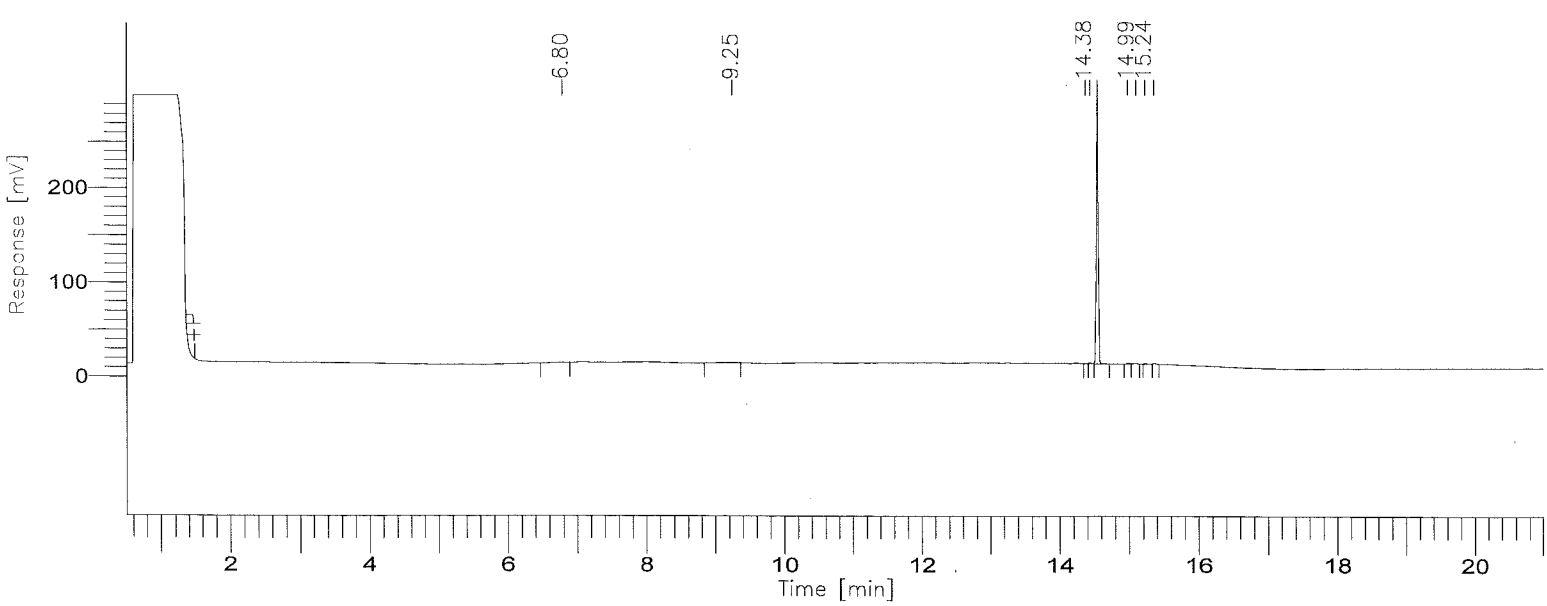
Raw Data File : C:\TC4\DATA_01\O09A014A.RAW
Result File : C:\TC4\DATA_01\O09A014A.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A014A.R
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O09B.SEQ

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
ltiplier : 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
3.45	C8-C9	0	0.000	------	10.0	
5.77	C10-C11	0	0.000	------	10.0	
7.31	C12-C13	2408	0.056	------	10.0	
8.59	C14-C15	0	0.000	------	10.0	
9.69	C16-C17	8010	0.185	------	10.0	
10.72	C18-C19	0	0.000	------	10.0	
12.02	C20-C23	0	0.000	------	10.0	
13.53	C24-C27	0	0.000	------	10.0	
14.82	C28-C31	539582	6.284	------	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	
		550001	6.525			

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
6.79		2408	0.001	------	10.0	
		2408	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
9.25		8010	0.002	------	10.0	
		8010	0.002			

Group Report For : C18-C19

No peaks available to report

Group Report For : C20-C23

peaks available to report

Group Report For : C24-C27

No peaks available to report

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.38		326	8.150e-05	------	10.0	
14.44		2620	0.001	------	10.0	
14.55		525782	0.131	------	10.0	
14.99		2722	0.001	------	10.0	
15.10		2988	0.001	------	10.0	
[illegible].24		3092	0.001	------	10.0	
[illegible].37		2052	0.001	------	10.0	
		539582	0.135			

Group Report For : C32-C35

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\O09A014A.TX0

Software Version: 4.1<2F12>
Sample Name : 370-MB Time : 10/13/00 08:50 AM
Sample Number: DLEL7101B 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: 10/9/00 03:48 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

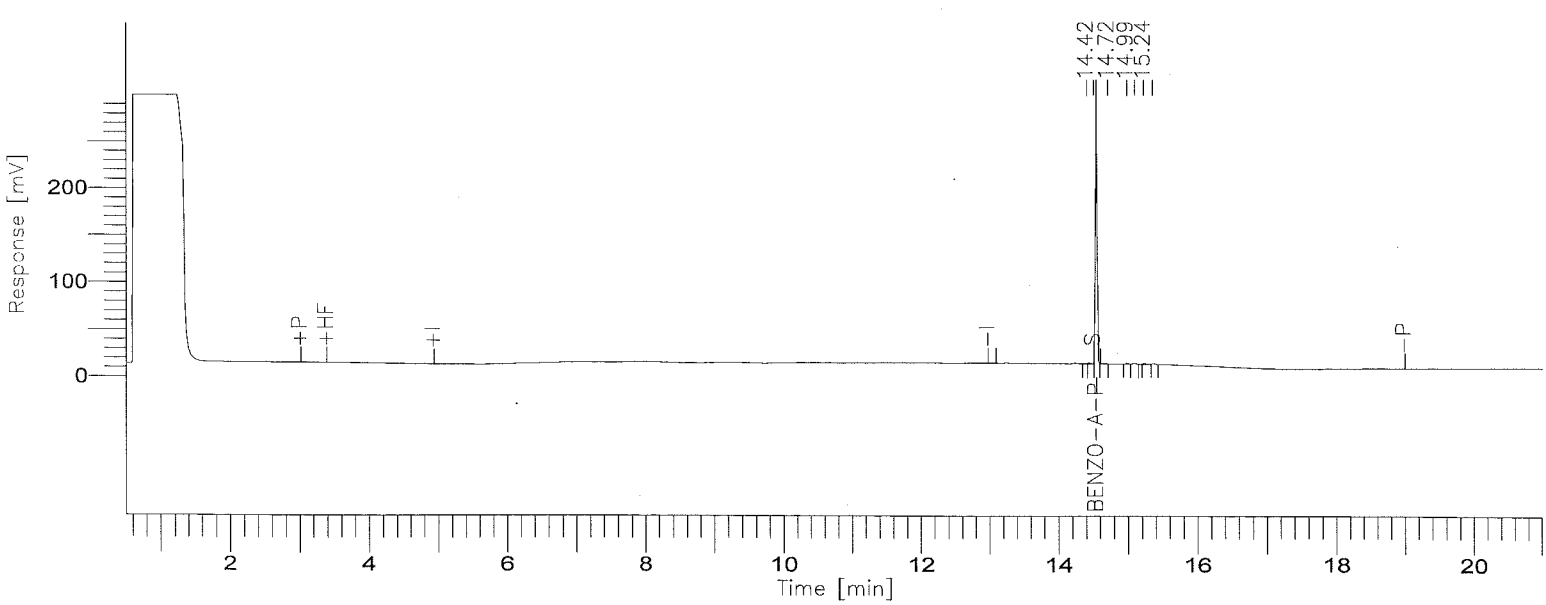
Raw Data File : C:\TC4\DATA_01\O09A014A.RAW
Result File : C:\TC4\DATA_01\O09A014A.rst
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A014A.r
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A014A.
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A014A.
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: 8



001161

BOE-C6-0159582

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	518625	12.286	98.3	10.0	
		518625	12.286			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A014A.TX0

Lot/Sample: E0J020000-467C INTRA-LAB CHECK TICs.....: N Report Results: Y
WO#.....: DLEL7-1-02 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: 10/09/00
Inject Time..: 16:18 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O09A015
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/02 17:32:13
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number:
Prep Time....: 13:00-13:00
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
04980	Diesel Range Organics			250	NA	0	0		NA
05013	Motor Oil Range Organic			250	NA	0	0		NA
03052	TPH (as Diesel)			250	278.6061	111.4	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	11.737	93.8984		NA

Software Version: 4.1<2F12>
Sample Name : 370-LCS Time : 10/13/00 08:50 AM
Sample Number: DLEL7102C Study : ICAL 8/28/00
(›rator :

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

Interface Serial # : 2136574898 Data Acquisition Time: 10/9/00 04:18 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

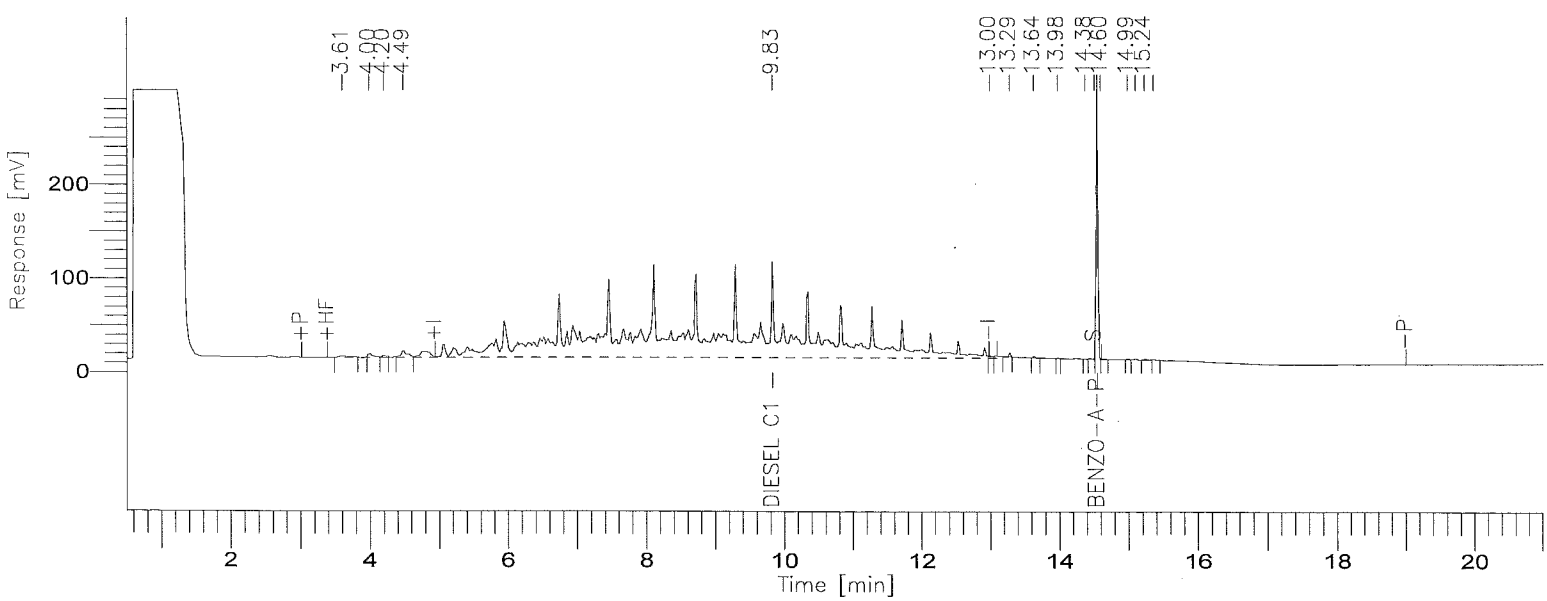
Raw Data File : C:\TC4\DATA_01\O09A015.RAW
Result File : C:\TC4\DATA_01\O09A015.rst
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A015.rs
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A015.r
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A015.r
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
ltiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 17



8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% RECOVERY
9.834	DIESEL C10-C24	8237732.00	278.6061	250.00	111.44
14.550	BENZO-A-PYRENE	495445.29	11.7373	12.50	93.90
		8733177.29	290.3434	262.50	205.34

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A015.TX0

Lot/Sample: E0I290370-024 DP0079-SSH01314 TICs.....: N Report Results: Y
WO#.....: DLC7D-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..: 6:56 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O09A043A
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 17:54:37
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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
04490	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		
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)	*		NA	10	5		NA
03053	TPH (as Motor Oil)	*		NA	10	5		NA

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual

(Continued on next page)

Lot/Sample: E0I290370-024 DP0079-SSH01314 TICs.....: N Report Results: Y
WO#.....: DLC7D-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	12.057	96.456		

Software Version: 4.1<2F12>
Sample Name : 370-24 Time : 10/13/00 09:29 AM
Sample Number: DLC7D102 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 06:56 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

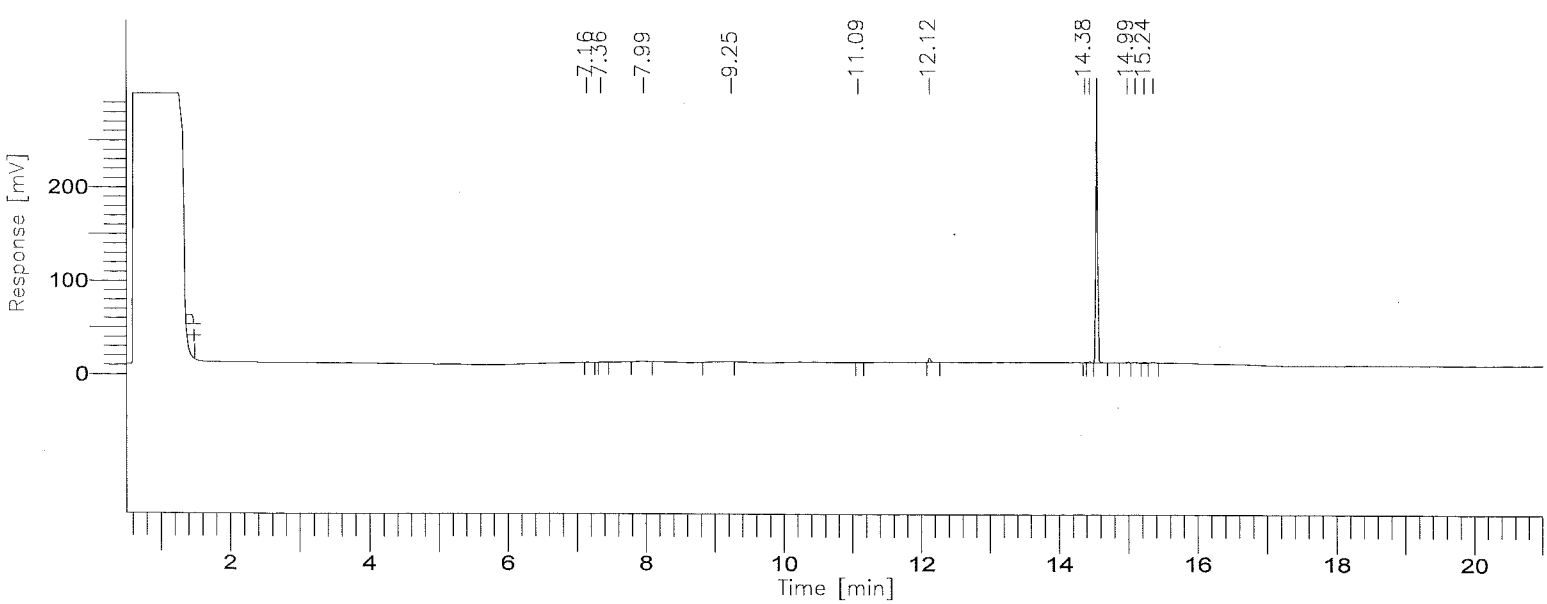
Raw Data File : C:\TC4\DATA_01\O09A043A.RAW
Result File : C:\TC4\DATA_01\O09A043A.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A043A.
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A043A.R
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O09A043A.R
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: 13



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	5916	0.138	------	10.0	
8.59	C14-C15	0	0.000	------	10.0	
9.69	C16-C17	4738	0.109	------	10.0	
10.72	C18-C19	1790	0.037	------	10.0	
12.02	C20-C23	9306	0.107	------	10.0	
13.53	C24-C27	0	0.000	------	10.0	
14.82	C28-C31	526282	6.129	------	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	
		548030	6.520			

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
7.16		1320	0.000	------	10.0	
.36		1442	0.000	------	10.0	
7.99		3153	0.001	------	10.0	
		5916	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
9.25		4738	0.001	------	10.0	
		4738	0.001			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.09		1790	0.000	------	10.0	
		1790	0.000			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.12		9306	0.002	------	10.0	
		9306	0.002			

Group Report For : C24-C27

No peaks available to report

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.38		251	6.275e-05	------	10.0	
14.44		2584	0.001	------	10.0	
14.55		513051	0.128	------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.99		2988	0.001	------	10.0	
15.10		2859	0.001	------	10.0	
15.24		2344	0.001	------	10.0	
15.37		2205	0.001	------	10.0	
		526282	0.132			

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\O09A043A.TX0

Software Version: 4.1<2F12>
Sample Name : 370-24 Time : 10/13/00 09:36 AM
Sample Number: DLC7D102 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 06:56 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

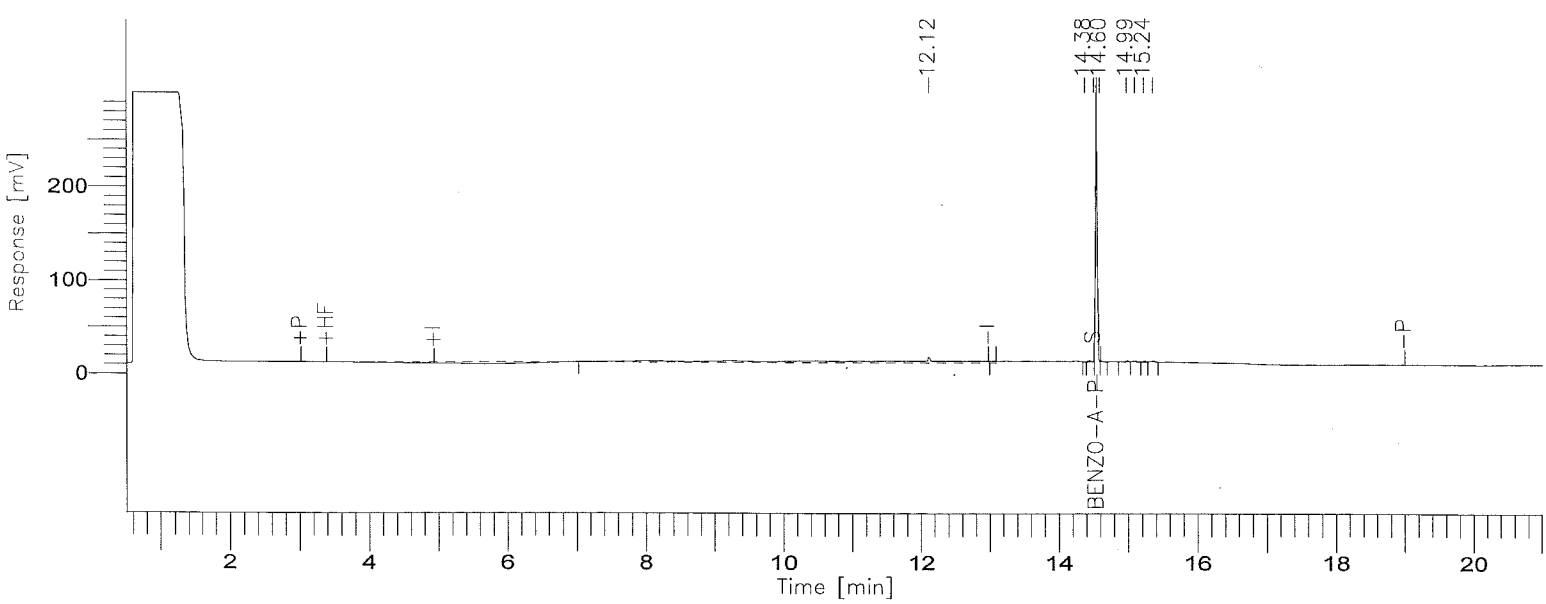
Raw Data File : C:\TC4\DATA_01\O09A043.RAW
Result File : C:\TC4\DATA_01\O09A043.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A043.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A043.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A043.R
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



001172

BOE-C6-0159593

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	508923	12.057	96.5	10.0	
		508923	12.057			

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A043.TX0

Lot/Sample: E0I290370-024S DP0079-SSH01314 TICs.....: N Report Results: Y
WO#.....: DLC7D-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..: 7:27 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O09A044
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/02 17:32:13
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-13:00
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	295.7461	118.2	1.81		
	Sample amount: NA								
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	11.632	93.0632		NA

Software Version: 4.1<2F12>
Sample Name : 370-24 MS Time : 10/13/00 09:30 AM
Sample Number: DLC7D10QS 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 07:27 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

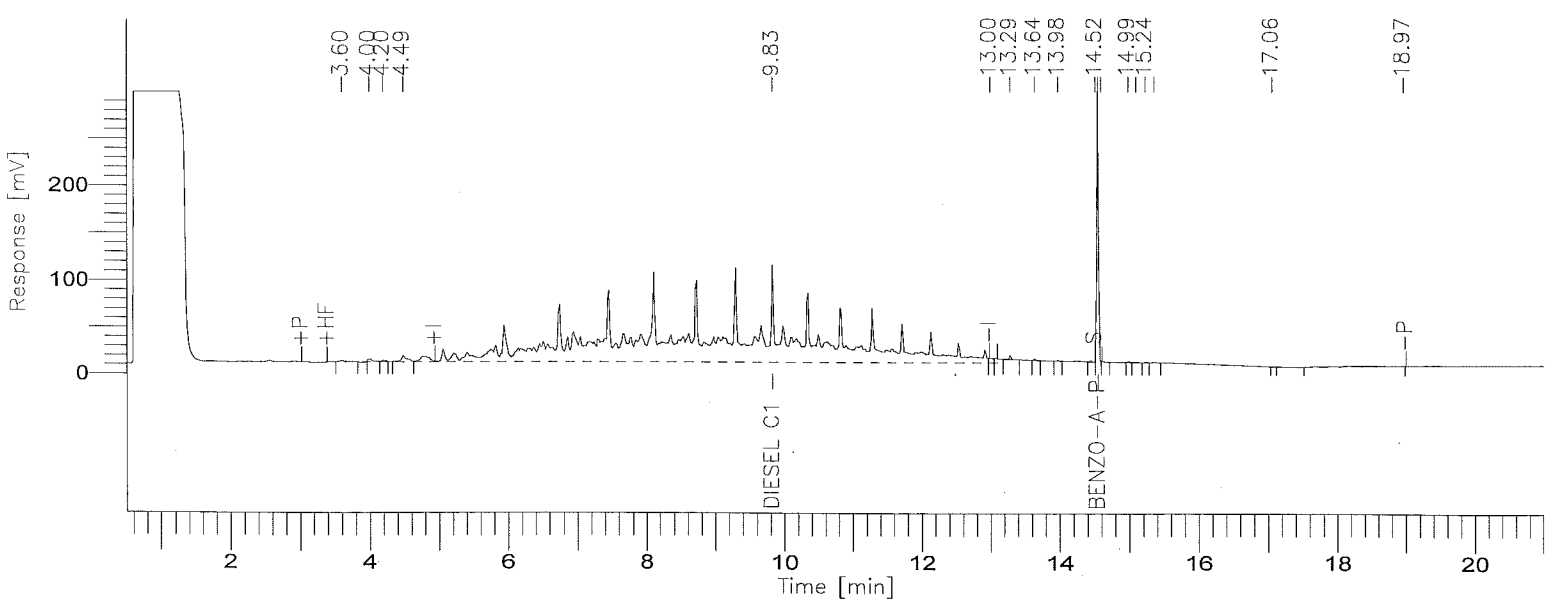
Raw Data File : C:\TC4\DATA_01\O09A044.RAW
Result File : C:\TC4\DATA_01\O09A044.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A044.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A044.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A044.R
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: 18



001175

BOE-C6-0159596

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% RECOVERY
9.834	DIESEL C10-C24	8744520.00	295.7461	250.00	118.30
14.550	BENZO-A-PYRENE	491037.00	11.6329	12.50	93.06
		9235557.00	307.3789	262.50	211.36

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A044.TX0

Lot/Sample: E0I290370-024D DP0079-SSH01314 TICs.....: N Report Results: Y
WO#.....: DLC7D-1-0R 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..: 7:57 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O09A045
Instr ID: G01 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/02 17:32:14
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-13:00
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	290.4305	116.1	1.81		
	Sample amount: NA								
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	11.441	91.5336		NA

Software Version: 4.1<2F12>
Sample Name : 370-24 MSD Time : 10/13/00 09:30 AM
Sample Number: DLC7D10RD 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 07:57 AM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

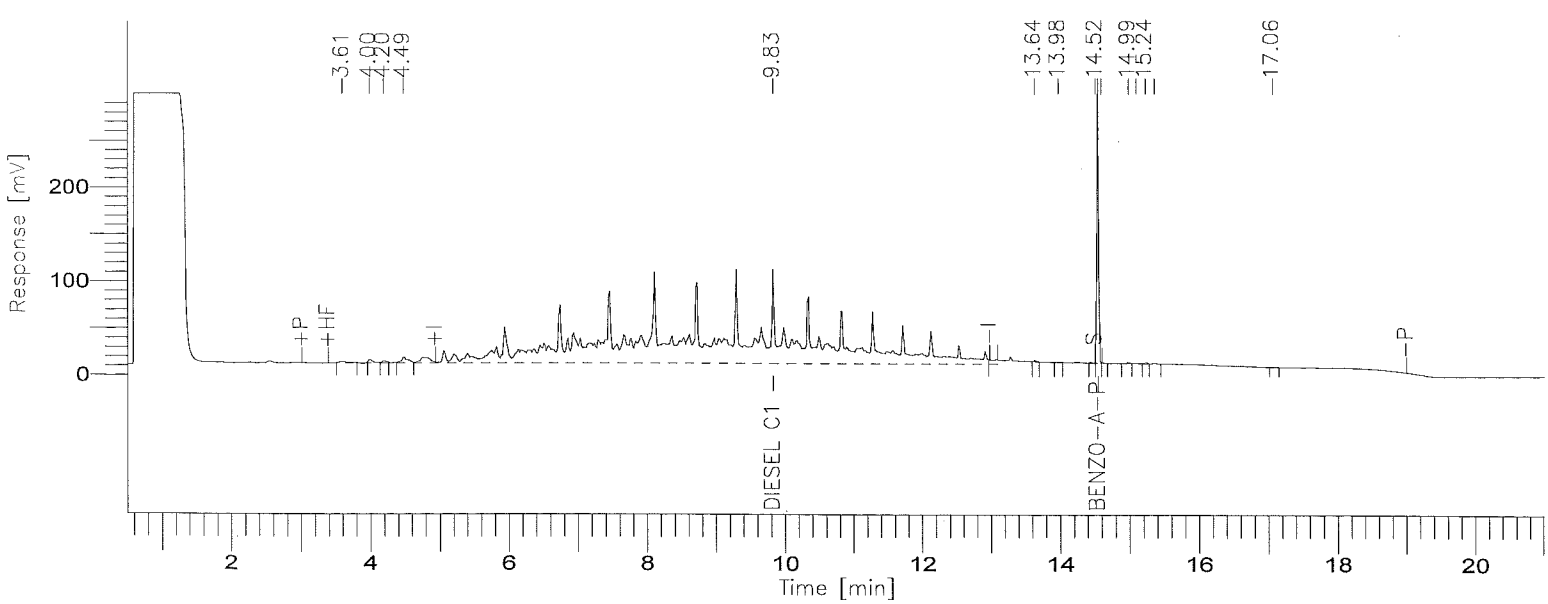
Raw Data File : C:\TC4\DATA_01\O09A045.RAW
Result File : C:\TC4\DATA_01\O09A045.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A045.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A045.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\O09A045.R
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: 15



001178

BOE-C6-0159599

8015B(TEPH)

GC01/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% RECOVERY
9.834	DIESEL C10-C24	8587351.00	290.4305	250.00	116.17
14.550	BENZO-A-PYRENE	482969.44	11.4417	12.50	91.53
		9070320.44	301.8722	262.50	207.71

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_01\O09A045.TX0

TEPH

SAMPLE AND QC DATA

$C_8 \rightarrow C_{40}^+$

Date(s) Analyzed: 10-7, 12-00

Instrument ID: GC1 GC2 GC3

Lab #: EOI290371

Batch #: 0076467

Samples: 1, 3, 4, 5, 7, 8, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 23

MB on G3 in unused data, report from GC1

61	Sample	371-11	DLC7X102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
62	Sample	371-12	DLC80102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
63	Sample	371-13	DLC81102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
64	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
65	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
66	Sample	371-14	DLC82102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
67	Sample	371-15	DLC83102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample	371-17	DLC85102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample	371-18	DLC86102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
70	Sample	371-19	DLC87102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
71	Sample	371-21	DLC89102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
72	Sample	371-23	DLC8C102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
73	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
74	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
75	Sample	371-MB	DLEKJ103B	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
76	Sample	371-LCS	DLEKJ102C	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
77	Sample	371-25	DLC8E102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
78	Sample	371-26	DLC8F102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
79	Sample	371-31	DLC8L102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
80	Sample	371-33	DLC8N102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
81	Sample	371-35	DLC8Q102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
82	Sample	371-36	DLC8R102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
83	Sample	371-37	DLC8T102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
84	Sample	371-39	DLC8W102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
85	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
86	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
87	Sample	371-40	DLC8X102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
88	Sample	371-41	DLC91102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
89	Sample	371-44	DLC96102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
90	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
91	Std Check	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
92	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
93	Sample	345-MB	DL7M4103B	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
94	Sample	345-LCS	DL7M4104C	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
95	Sample	345-01	DL666103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	1006.000	0.000	100.000
96	Sample	345-02	DL667103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	961.000	0.000	100.000
97	Sample	345-03	DL668103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	1021.000	0.000	100.000
98	Sample	344-01	DL65X103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
99	Sample	345-04	DL669103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
100	Sample	345-06 2X	DL66C103	ICAL 9/27/	1.000	1.000	1.000	2.000	5.000	20.000	0.000	100.000
101	Sample	345-07	DL66D103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
102	Sample	345-09	DL66G103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
[illegible]	Sample	MECL2	MECL2	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
105	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
106	Sample	341-MB	DLEM0101B	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
107	Sample	341-LCS	DLEM0102C	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
108	Sample	341-04	DLC1H103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	1009.000	0.000	100.000
109	Sample	341-04 MS	DLC1H104S	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	1035.000	0.000	100.000
110	Sample	341-04 MSD	DLC1H105D	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	1035.000	0.000	100.000
111	Sample	341-05	DLC1J1003	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	982.000	0.000	100.000
112	Sample	341-06	DLC1L103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	979.000	0.000	100.000
113	Sample	MECL2	MECL2	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
114	Sample	341-MB	DLEKJ101B	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
115	Sample	341-LCS	DLEKJ102C	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
116	Sample	341-01	DLC1D103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
117	Sample	341-01 MS	DLC1D104S	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
118	Sample	341-01 MSD	DLC1D105D	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
119	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
120	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
121	Sample	341-03	DLC1G1003	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
122	Sample	343-01	DLC1T103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
123	Sample	346-01	DLC21103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
124	Sample	346-02	DLC24103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
125	Sample	346-03	DLC25103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
126	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
127	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
128	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
129	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
130	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
131	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
132	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
133	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
134	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
135	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
136	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
137	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
138	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
[illegible]	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
141	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
142	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
143	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
144	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
145	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
146	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
147	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000

Turbochrom Sequence File : C:\TC4\DATA_3\006.SEQ
Created by : EM on : 10/5/00 11:15 AM
Edited by : EC on : 10/7/00 02:07 PM
Description :

Number of Times Edited : 13

Sequence File Header Information:

Number of Rows : 152
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 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
2	Sample	DAILY RT MARKER	C8-C40	ICAL 9/27/	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 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
4	Sample	#TEPH158 MOTORO	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
5	Sample	163-MB	DL885101B	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
6	Sample	163-LCS	DL885102C	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
7	Sample	163-01	DL11M104	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
8	Sample	163-02	DL127104	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
9	Sample	163-03	DL796101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
10	Sample	345-08	DL66F103	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
11	Sample	345-08 MS	DL66F104S	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
12	Sample	345-08 MSD	DL66F105D	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
13	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
14	Sample	#TEPH158 MOTORO	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
15	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
16	Sample	333-MB	DL885101B	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample	333-LCS	DL885102C	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
18	Sample	333-01	DL62M102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
19	Sample	333-02	DL62P102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
20	Sample	333-03	DL62Q102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
21	Sample	333-04	DL62T102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
22	Sample	333-05	DL62V102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
23	Sample	333-06	DL62X102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
24	Sample	MECL2	MECL2	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
25	Sample	333-MB	DL887101B	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
26	Sample	333-LCS	DL887102C	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
27	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
28	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
29	Sample	333-07	DL631102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
30	Sample	333-07 MS	DL63110QS	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
31	Sample	333-07 MSD	DL63110RD	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
32	Sample	333-08	DL632102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
33	Sample	333-09	DL633102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
34	Sample	333-10	DL635102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
35	Sample	333-11	DL637102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
36	Sample	333-12	DL63A102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
37	Sample	333-13	DL63C102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
38	Sample	333-14	DL63D102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
39	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
40	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
41	Sample	333-15	DL63E102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
42	Sample	333-16	DL63F102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
43	Sample	333-17	DL63H102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
44	Sample	333-18	DL63J102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
45	Sample	333-19	DL63L102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
46	Sample	333-20	DL63M102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
47	Sample	333-21	DL63N102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
48	Sample	333-22	DL63T102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
49	Sample	333-23	DL63V102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
50	Sample	333-24	DL63W102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
51	Sample	333-26	DL640102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
52	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
53	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
54	Sample	371-01	DLC7J102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
55	Sample	371-03	DLC7JL192	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
56	Sample	371-04	DLC7N102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
57	Sample	371-05	DLC7P102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
58	Sample	371-07	DLC7R102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
59	Sample	371-08	DLC7T102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
60	Sample	371-10	DLC7W102	ICAL 9/27/	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 : 10/9/00 03:06 PM
Sample Number: 1000 PPM Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 02:48 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

out high

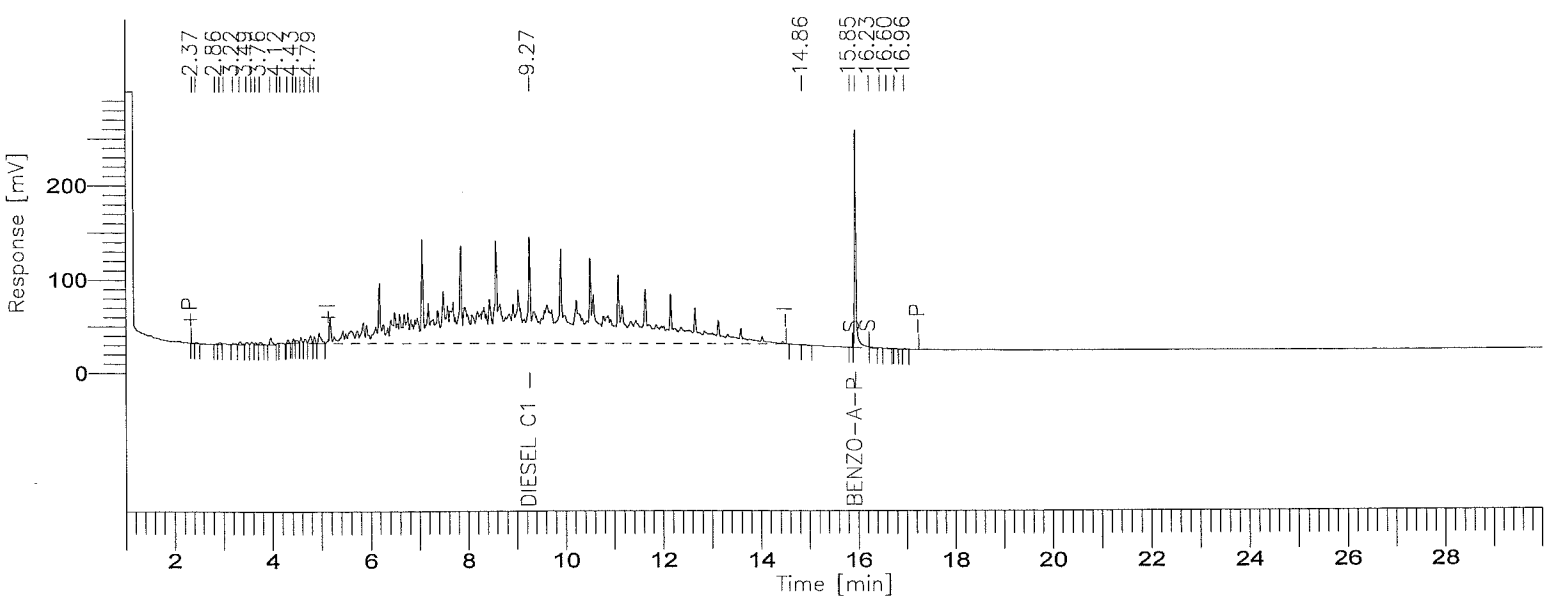
Raw Data File : C:\TC4\DATA_3\006_052.RAW
Result File : C:\TC4\DATA_3\006_052.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C25 from C:\TC4\DATA_3\006_052.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C25 from C:\TC4\DATA_3\006_052.RST
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C25 from C:\TC4\DATA_3\006_052.RST
Sequence File : C:\TC4\DATA_3\006.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: 31



8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.373		1826	0.0018	------	----------
2.451		3827	0.0038	------	----------
2.855		966	0.0010	------	----------
2.938		6560	0.0066	------	----------
3.027		5189	0.0052	------	----------
3.222		5464	0.0055	------	----------
3.351		9678	0.0097	------	----------
3.487		7731	0.0077	------	----------
3.585		6898	0.0069	------	----------
3.667		4534	0.0045	------	----------
3.762		8095	0.0081	------	----------
3.978		23787	0.0238	------	----------
4.119		3293	0.0033	------	----------
4.183		8212	0.0082	------	----------
4.321		9022	0.0090	------	----------
4.433		10056	0.0101	------	----------
4.498		10337	0.0103	------	----------
4.587		14873	0.0149	------	----------
4.676		13522	0.0135	------	----------
4.787		30084	0.0301	------	----------
4.869		16955	0.0170	------	----------
4.968		41548	0.0415	------	----------
9.270	DIESEL C10C25	12169827	1202.7794	1000.0	20.28
14.863		1641	0.0016	------	----------
15.847		1978	0.0020	------	----------
15.952	BENZO-A-PYRENE	508471	57.1265	50.0	14.25
16.233		6764	0.0068	------	----------
16.463		3887	0.0039	------	----------
16.603		2751	0.0028	------	----------
16.768		1360	0.0014	------	----------
16.961		1752	0.0018	------	----------
		12940889	1260.1684		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

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Report stored in ASCII file: C:\TC4\DATA_3\O06_052.TXO

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/9/00 03:06 PM
Sample Number: 30 PPM Study : ICAL 9/30/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 03:27 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

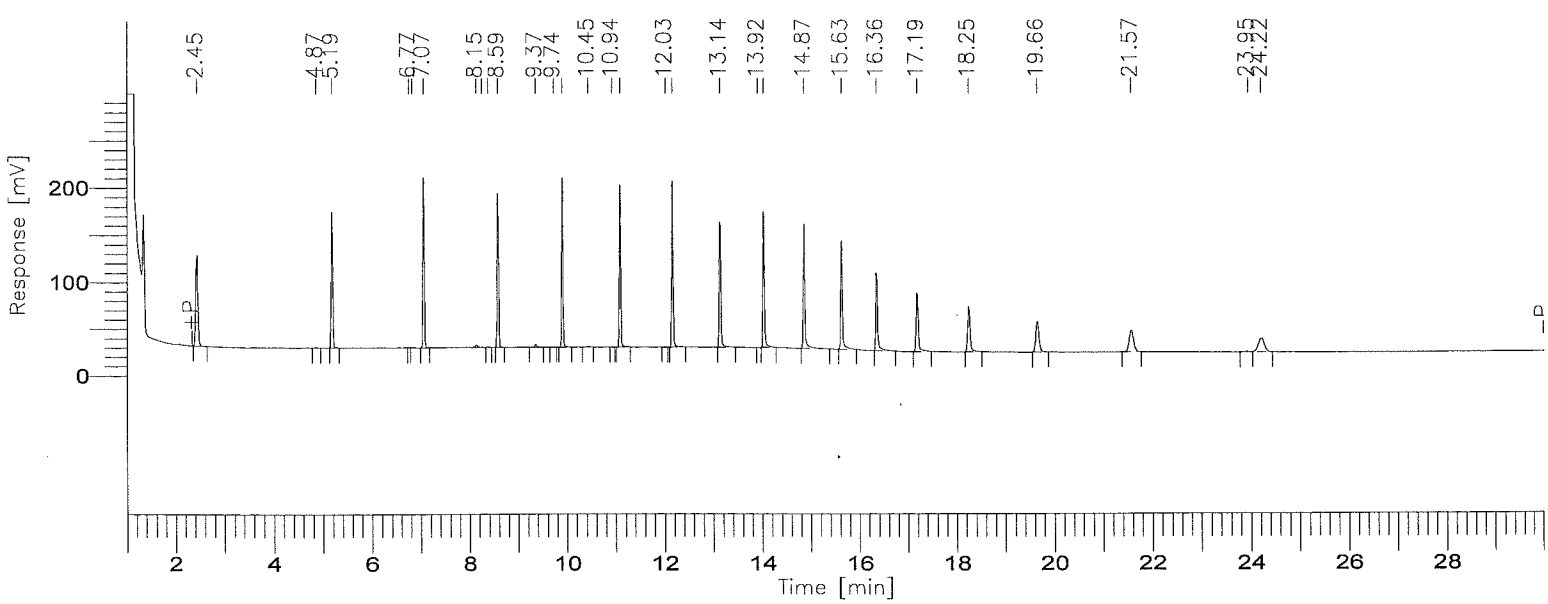
Raw Data File : C:\TC4\DATA_3\O06_053.RAW
Result File : C:\TC4\DATA_3\O06_053.RST
Inst Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\O06_053.RST
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\O06_053.RST
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\O06_053.RST
Sequence File : C:\TC4\DATA_3\O06.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
' ltiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 30



001186

BOE-C6-0159607

8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.749	C8-C9	303546	27.7792	30.0	-7.40
6.075	C10-C11	327455	27.9420	30.0	-6.86
7.769	C12-C13	339509	27.2952	30.0	-9.02
9.181	C14-C15	341602	27.9529	30.0	-6.82
10.441	C16-C17	338421	27.7973	30.0	-7.34
11.579	C18-C19	337110	27.7110	30.0	-7.63
13.051	C20-C23	657940	27.7135	30.0	-7.62
14.784	C24-C27	600357	27.6577	30.0	-7.81
16.357	C28-C31	477286	26.3420	30.0	-12.19
18.348	C32-C35	357434	26.8300	30.0	-10.57
21.815	C36-C39	297483	29.1291	30.0	-2.90
27.034	C40+	124095	29.2402	30.0	-2.53
		4502237	333.3900		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.446		301836	0.3018	------	----------
4.868		1709	0.0017	------	----------
		303546	0.3035		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.189		324116	0.3241	------	----------
6.770		1402	0.0014	------	----------
6.829		1938	0.0019	------	----------
		327455	0.3275		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
7.068		328314	0.3283	------	----------
8.150		8908	0.0089	------	----------
8.263		573	0.0006	------	----------
8.385		1713	0.0017	------	----------
		339509	0.3395		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.588		332858	0.3329	------	----------
9.368		7648	0.0076	------	----------
9.735		1096	0.0011	------	----------
		341602	0.3416		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.914		335537	0.3355	------	----------
10.445		1767	0.0018	------	----------
10.936		1117	0.0011	------	----------
		338421	0.3384		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.097		335358	0.3354	------	----------
12.029		1752	0.0018	------	----------
		337110	0.3371		

oup Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.166		333606	0.3336	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
13.141		323791	0.3238	------	----------
13.916		543	0.0005	------	----------
		657940	0.6579		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.036		304255	0.3043	------	----------
14.865		296102	0.2961	------	----------
		600357	0.6004		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.632		254478	0.2545	------	----------
16.356		222808	0.2228	------	----------
		477286	0.4773		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.190		191314	0.1913	------	----------
18.252		166121	0.1661	------	----------
		357434	0.3574		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
19.660		151269	0.1513	------	----------
21.571		142828	0.1428	------	----------
23.945		3385	0.0034	------	----------
		297483	0.2975		

Group Report For : C40+

˙me [ɩmin]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
24.216		124095	0.1241	------	----------
		124095	0.1241		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_053.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/7/00 11:09 AM
Sample Number: 1000 PPM Study : ICAL 9/27/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 10:40 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

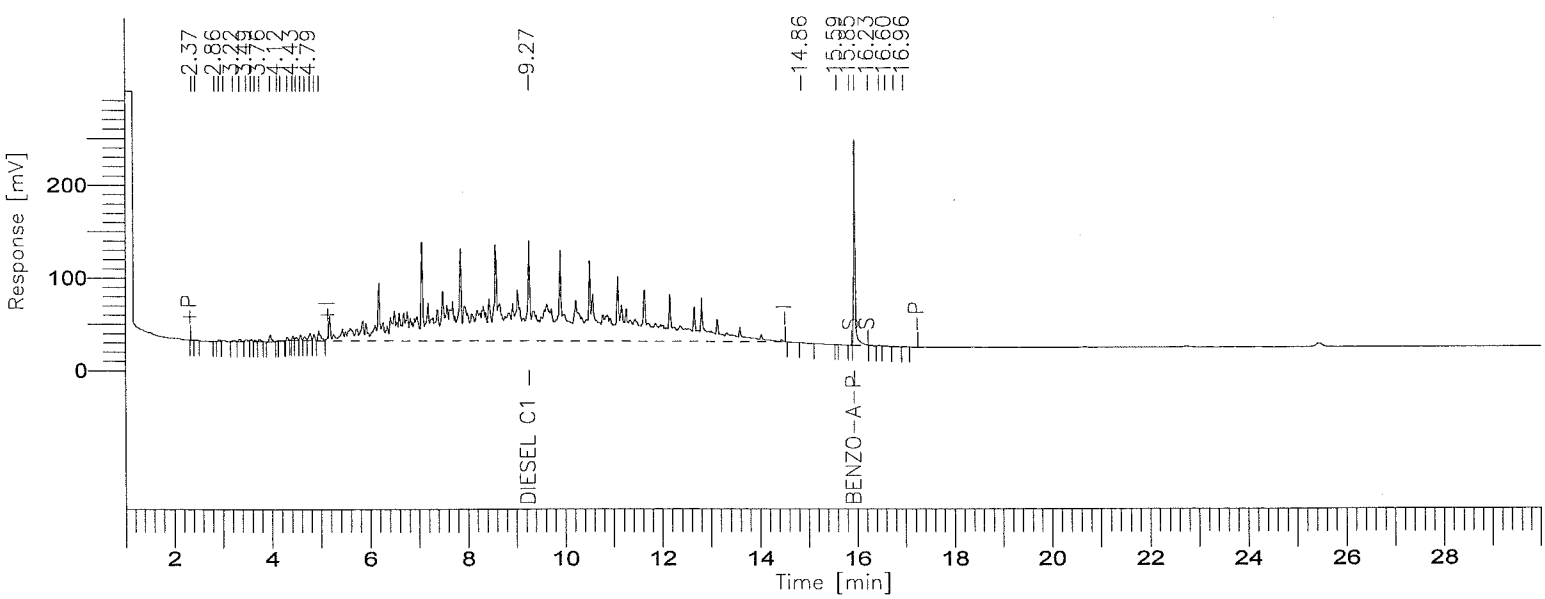
Raw Data File : C:\TC4\DATA_3\006_064.RAW
Result File : C:\TC4\DATA_3\006_064.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C25 from C:\TC4\DATA_3\006_064.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C25
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C25
Sequence File : C:\TC4\DATA_3\006.SEQ

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: 32



001191

BOE-C6-0159612

8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.374		1808	0.0018	------	----------
2.451		3857	0.0039	------	----------
2.856		880	0.0009	------	----------
2.939		6217	0.0062	------	----------
3.029		4778	0.0048	------	----------
3.224		5385	0.0054	------	----------
3.352		9503	0.0095	------	----------
3.488		8017	0.0080	------	----------
3.586		6528	0.0065	------	----------
3.668		4643	0.0046	------	----------
3.763		8180	0.0082	------	----------
3.979		22822	0.0228	------	----------
4.120		3021	0.0030	------	----------
4.185		7878	0.0079	------	----------
4.322		8948	0.0089	------	----------
4.433		10010	0.0100	------	----------
4.498		10125	0.0101	------	----------
4.588		14446	0.0144	------	----------
4.677		13020	0.0130	------	----------
4.788		28862	0.0289	------	----------
4.869		16236	0.0162	------	----------
4.969		39483	0.0395	------	----------
9.270	DIESEL C10C25	11739776	1160.2762	1000.0	16.03
14.863		2159	0.0022	------	----------
15.586		662	0.0007	------	----------
15.847		1812	0.0018	------	----------
15.951	BENZO-A-PYRENE	479400	53.8603	50.0	7.72
16.233		5895	0.0059	------	----------
16.463		3976	0.0040	------	----------
16.597		3165	0.0032	------	----------
16.767		1634	0.0016	------	----------
16.961		1721	0.0017	------	----------
		12474848	1214.3922		

.ssing Component Report

Component	Expected Retention (Calibration File)

All components were found

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STL - LOS ANGELES

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Report stored in ASCII file: C:\TC4\DATA_3\O06_064.TXO

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/7/00 11:49 AM
Sample Number: 30 PPM Study : ICAL 9/30/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 11:19 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

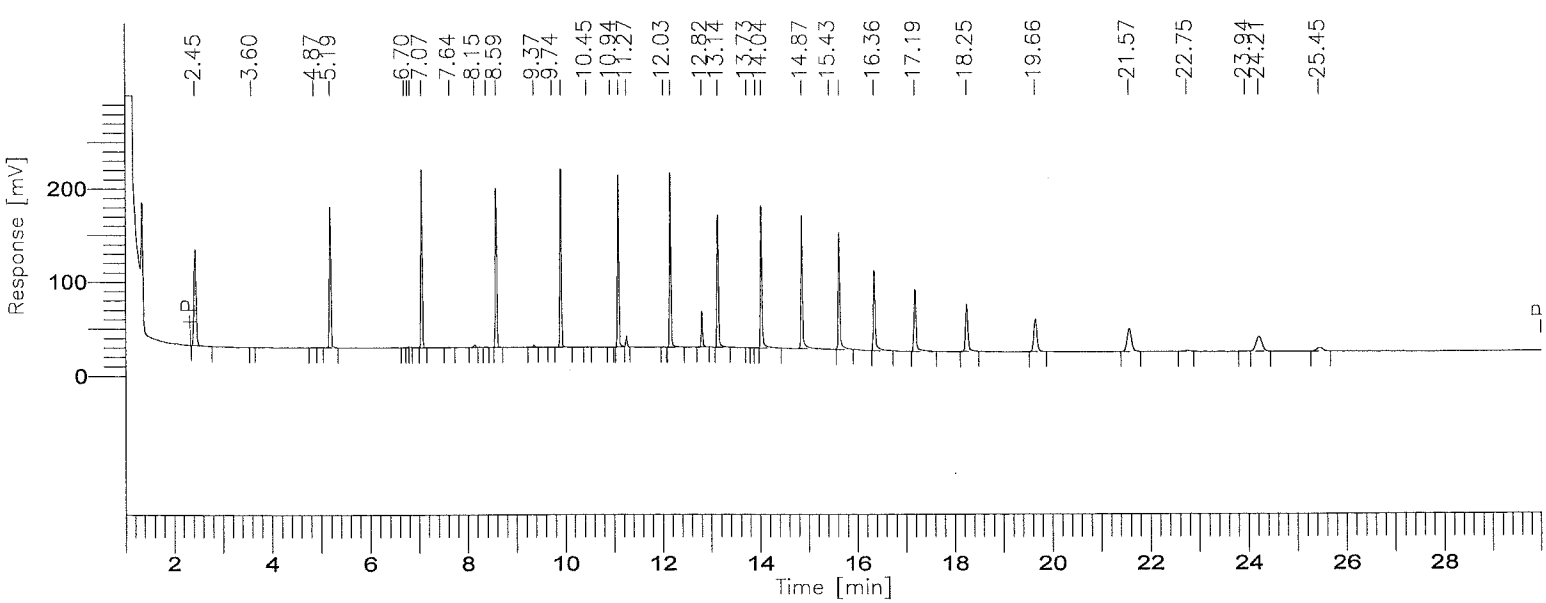
Raw Data File : C:\TC4\DATA_3\O06_065.RAW
Result File : C:\TC4\DATA_3\O06_065.RST
Inst Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\O06_065.RST
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
' 'tiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 38



001193

BOE-C6-0159615

8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.749	C8-C9	324446	29.6919	30.0	-1.03
6.075	C10-C11	347765	29.6751	30.0	-1.08
7.769	C12-C13	356716	28.6786	30.0	-4.40
9.181	C14-C15	357954	29.2910	30.0	-2.36
10.441	C16-C17	357624	29.3746	30.0	-2.08
11.579	C18-C19	376487	30.9479	30.0	3.16
13.051	C20-C23	764118	32.1859	30.0	7.29
14.784	C24-C27	646728	29.7940	30.0	-0.69
16.357	C28-C31	505578	27.9034	30.0	-6.99
18.348	C32-C35	383372	28.7770	30.0	-4.08
21.815	C36-C39	321005	31.4324	30.0	4.77
27.034	C40+	167552	39.4801	30.0	31.60
		4909346	367.2317		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.448		322025	0.3220	------	----------
3.602		552	0.0006	------	----------
4.868		1869	0.0019	------	----------
		324446	0.3244		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.189		342576	0.3426	------	----------
6.700		759	0.0008	------	----------
6.769		2487	0.0025	------	----------
6.829		1942	0.0019	------	----------
		347765	0.3478		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
7.068		346357	0.3464	------	----------
7.636		1674	0.0017	------	----------
8.151		6766	0.0068	------	----------
8.385		1919	0.0019	------	----------
		356716	0.3567		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.589		351000	0.3510	------	----------
9.368		5800	0.0058	------	----------
9.735		1154	0.0012	------	----------
		357954	0.3580		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.915		354774	0.3548	------	----------
10.447		1749	0.0017	------	----------
10.938		1101	0.0011	------	----------
		357624	0.3576		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.097		353249	0.3532	------	----------
11.265		21358	0.0214	------	----------
12.028		1880	0.0019	------	----------
		376487	0.3765		

Group Report For : C20-C23

Time	Component	Area	ACTUAL	TRUE	%

[min]	Name	[µV·s]	VALUE (PPM)	VALUE	D
[illegible].166		353197	0.3532	------	----------
12.817		71601	0.0716	------	----------
13.142		338318	0.3383	------	----------
13.731		342	0.0003	------	----------
13.917		660	0.0007	------	----------
		764118	0.7641		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.036		327806	0.3278	------	----------
14.865		314915	0.3149	------	----------
15.429		4008	0.0040	------	----------
		646728	0.6467		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.632		268884	0.2689	------	----------
16.358		236693	0.2367	------	----------
		505578	0.5056		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.191		207508	0.2075	------	----------
18.254		175864	0.1759	------	----------
		383372	0.3834		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
19.662		159410	0.1594	------	----------
21.573		151095	0.1511	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
22.747		6838	0.0068	------	----------
23.939		3662	0.0037	------	----------
		321005	0.3210		

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
24.214		133144	0.1331	------	----------
25.449		34408	0.0344	------	----------
		167552	0.1676		

Missing Component Report

Component	Expected Retention (Calibration File)
All components were found	

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_065.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/7/00 05:03 PM
Sample Number: 1000 PPM Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 04:34 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Diesel out log
BAP-dk

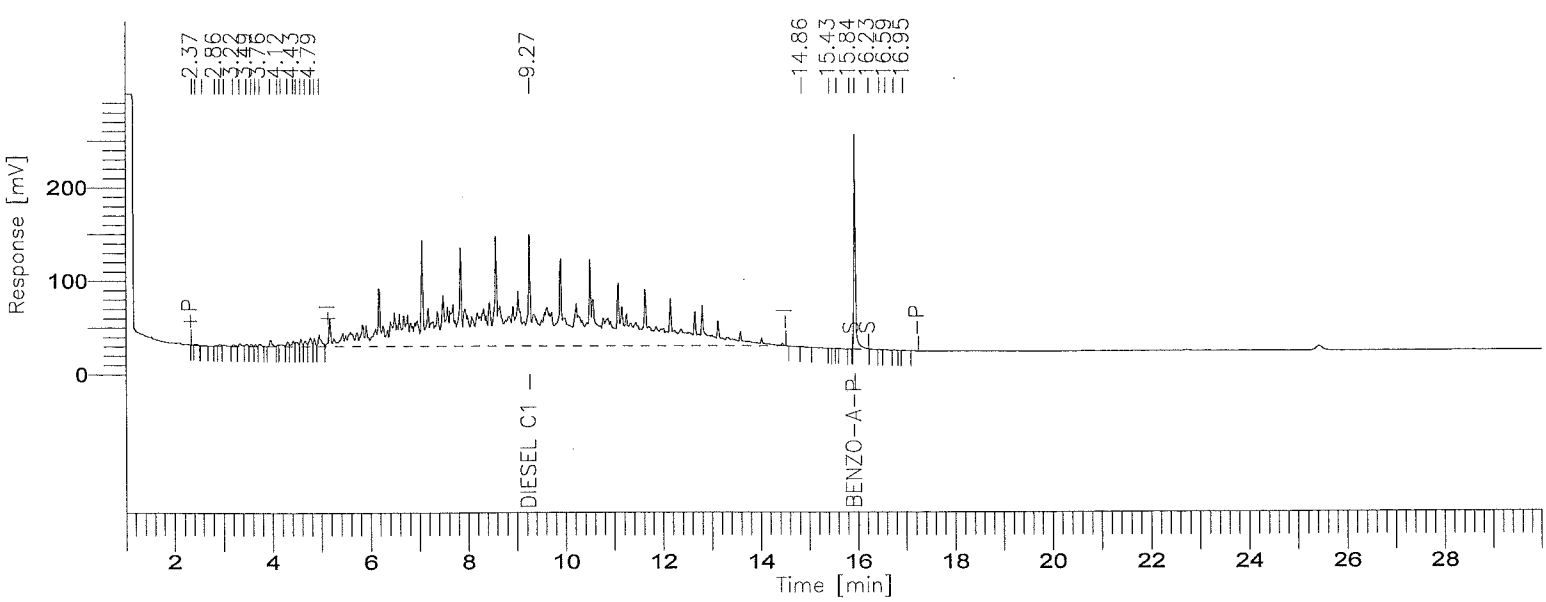
Raw Data File : C:\TC4\DATA_3\006_073.RAW
Result File : C:\TC4\DATA_3\006_073.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C25 from C:\TC4\DATA_3\006_073.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C25
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C25
Sequence File : C:\TC4\DATA_3\006.SEQ

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: 34



8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.372		1551	0.0016	------	----------
2.449		4315	0.0043	------	----------
2.591		758	0.0008	------	----------
2.855		807	0.0008	------	----------
2.937		6217	0.0062	------	----------
3.027		4615	0.0046	------	----------
3.223		5463	0.0055	------	----------
3.351		9761	0.0098	------	----------
3.486		7771	0.0078	------	----------
3.584		7011	0.0070	------	----------
3.667		4606	0.0046	------	----------
3.760		8289	0.0083	------	----------
3.976		25918	0.0259	------	----------
4.119		4780	0.0048	------	----------
4.183		13531	0.0135	------	----------
4.320		15790	0.0158	------	----------
4.431		24887	0.0249	------	----------
4.496		19954	0.0200	------	----------
4.586		24019	0.0240	------	----------
4.673		22255	0.0223	------	----------
4.785		41523	0.0415	------	----------
4.867		24265	0.0243	------	----------
4.967		55873	0.0559	------	----------
9.268	DIESEL C10C25	12545632	1239.9213	1000.0	23.99
14.860		1990	0.0020	------	----------
15.428		494	0.0005	------	----------
15.584		612	0.0006	------	----------
15.843		1922	0.0019	------	----------
15.949	BENZO-A-PYRENE	491665	55.2383	50.0	10.48
16.233		5725	0.0057	------	----------
16.459		3329	0.0033	------	----------
16.593		3081	0.0031	------	----------
16.764		1484	0.0015	------	----------
16.954		1725	0.0017	------	----------
		13391618	1295.5139		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

==========

S_L - LOS ANGELES

==========

Report stored in ASCII file: C:\TC4\DATA_3\O06_073.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/7/00 05:42 PM
Sample Number: 30 PPM Study : ICAL 9/30/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 05:13 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

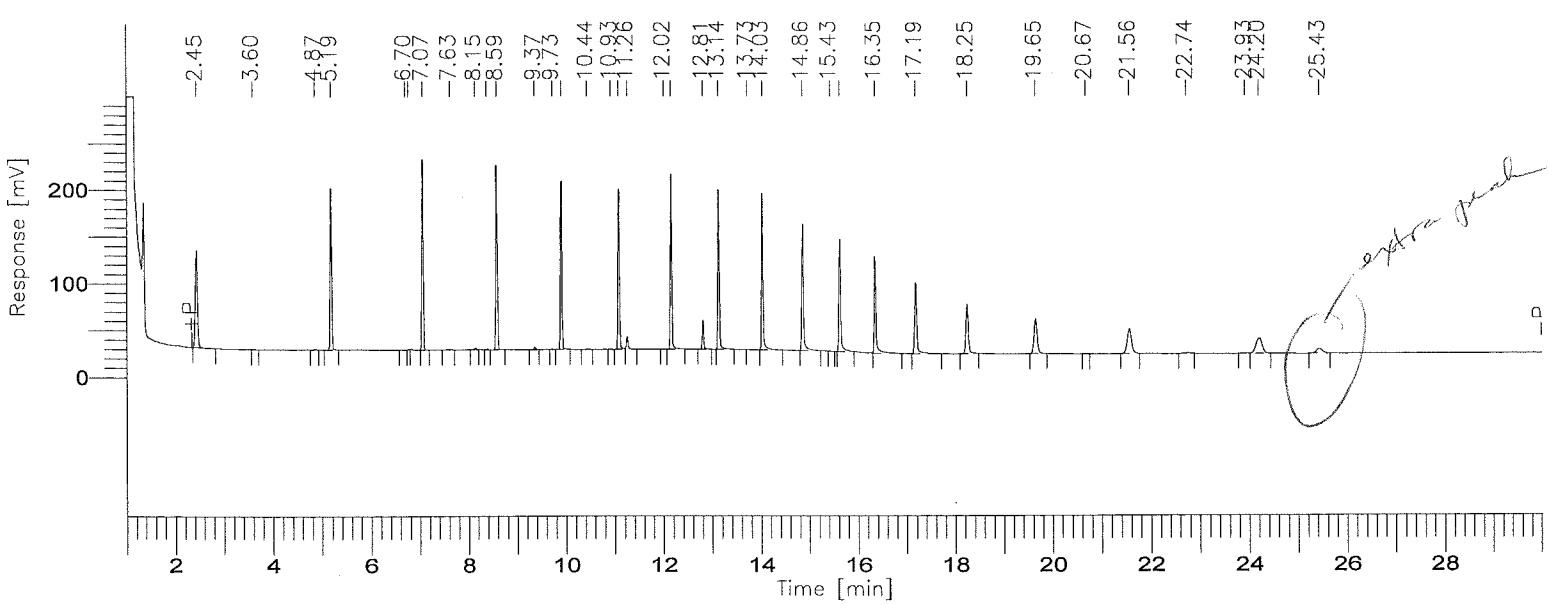
Raw Data File : C:\TC4\DATA_3\O06_074.RAW
Result File : C:\TC4\DATA_3\O06_074.RST
Inst Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\O06_074.RST
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 37



001201

BOE-C6-0159623

8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.749	C8-C9	336240	30.7713	30.0	2.57
6.074	C10-C11	358540	30.5945	30.0	1.98
7.769	C12-C13	373648	30.0398	30.0	0.13
9.180	C14-C15	375708	30.7437	30.0	2.48
10.441	C16-C17	373847	30.7071	30.0	2.36
11.579	C18-C19	407206	33.4730	30.0	11.58
13.051	C20-C23	787288	33.1618	30.0	10.54
14.784	C24-C27	665959	30.6799	30.0	2.27
16.356	C28-C31	536738	29.6232	30.0	-1.26
18.348	C32-C35	403668	30.3005	30.0	1.00
21.815	C36-C39	337879	33.0846	30.0	10.28
27.034	C40+	182217	42.9356	30.0	43.12
		5138938	386.1151		

due to carryover

Approved by Fred Kent 10-9-00 CP

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.445		333694	0.3337	------	----------
3.601		604	0.0006	------	----------
4.866		1942	0.0019	------	----------
		336240	0.3362		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.186		357197	0.3572	------	----------
6.698		638	0.0006	------	----------
6.768		706	0.0007	------	----------
		358540	0.3585		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
7.066		364002	0.3640	------	----------
7.632		2200	0.0022	------	----------
8.148		5518	0.0055	------	----------
8.384		1928	0.0019	------	----------
		373648	0.3736		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.586		369310	0.3693	------	----------
9.366		5246	0.0052	------	----------
9.733		1152	0.0012	------	----------
		375708	0.3757		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.912		371312	0.3713	------	----------
10.444		1388	0.0014	------	----------
10.934		1147	0.0011	------	----------
		373847	0.3738		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.094		372547	0.3725	------	----------
11.261		32710	0.0327	------	----------
12.022		1949	0.0019	------	----------
		407206	0.4072		

Group Report For : C20-C23

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

12.164	368755	0.3688	------	----------
12.814	60994	0.0610	------	----------
13.137	357149	0.3571	------	----------
13.728	390	0.0004	------	----------
	787288	0.7873		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.034		342793	0.3428	------	----------
14.862		322559	0.3226	------	----------
15.428		607	0.0006	------	----------
		665959	0.6660		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.629		282375	0.2824	------	----------
16.353		254363	0.2544	------	----------
		536738	0.5367		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.186		219526	0.2195	------	----------
18.247		184142	0.1841	------	----------
		403668	0.4037		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
19.653		168006	0.1680	------	----------
20.672		1179	0.0012	------	----------
21.564		158611	0.1586	------	----------
22.735		6493	0.0065	------	----------
23.929		3589	0.0036	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
		337879	0.3379		

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
24.201		139977	0.1400	------	----------
25.434		42240	0.0422	------	----------
		182217	0.1822		

Missing Component Report

Component	Expected Retention (Calibration File)
All components were found	

LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_074.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/8/00 12:56 AM
Sample Number: 1000 PPM Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/8/00 12:26 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

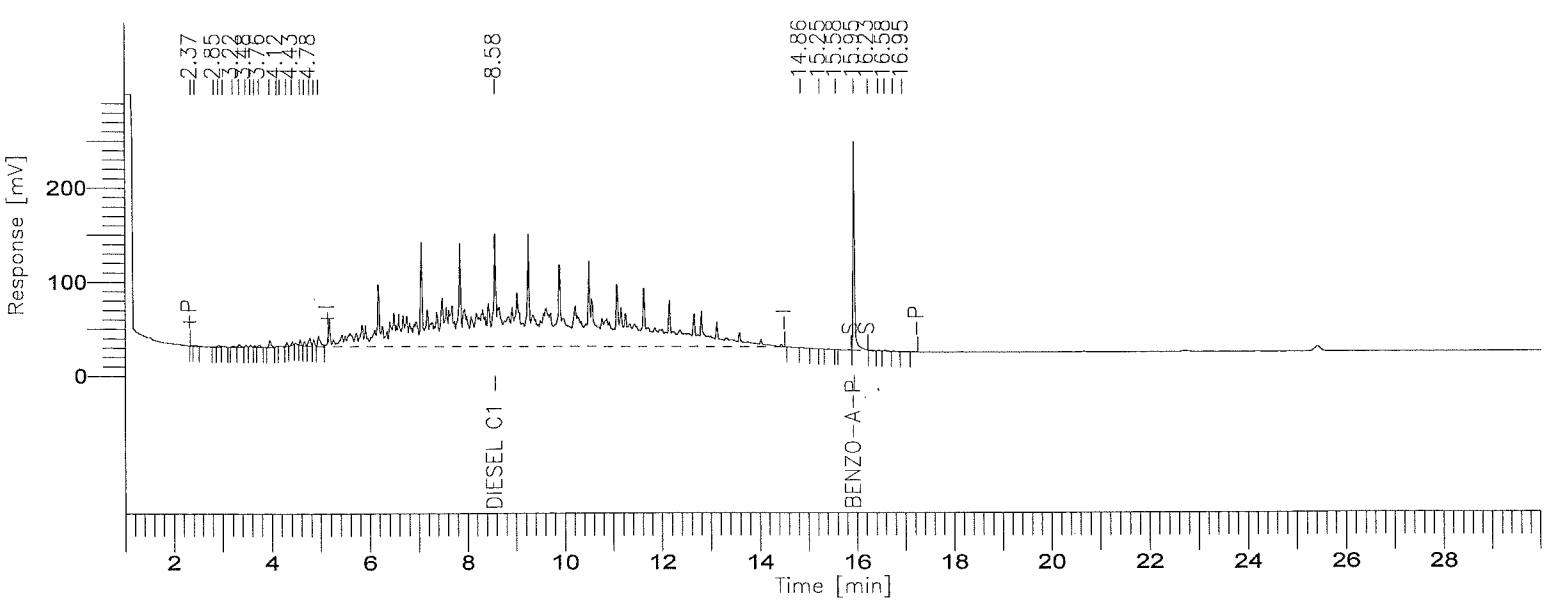
Raw Data File : C:\TC4\DATA_3\O06_085.RAW
Result File : C:\TC4\DATA_3\O06_085.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C25 from C:\TC4\DATA_3\O06_085.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C25
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C25
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 31



001206

BOE-C6-0159628

8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.368		1370	0.0014	------	----------
2.447		4101	0.0041	------	----------
2.849		1006	0.0010	------	----------
2.934		6466	0.0065	------	----------
3.023		4600	0.0046	------	----------
3.220		5263	0.0053	------	----------
3.348		9494	0.0095	------	----------
3.483		7307	0.0073	------	----------
3.582		6745	0.0067	------	----------
3.664		4286	0.0043	------	----------
3.756		8001	0.0080	------	----------
3.972		24219	0.0242	------	----------
4.118		3849	0.0038	------	----------
4.181		8656	0.0087	------	----------
4.318		9738	0.0097	------	----------
4.429		7595	0.0076	------	----------
4.584		11778	0.0118	------	----------
4.670		12134	0.0121	------	----------
4.783		29830	0.0298	------	----------
4.865		16629	0.0166	------	----------
4.965		42785	0.0428	------	----------
8.584	DIESEL C10C25	12147604	1200.5830	1000.0	20.06
14.858		2227	0.0022	------	----------
15.250		844	0.0008	------	----------
15.583		641	0.0006	------	----------
15.948	BENZO-A-PYRENE	486018	54.6039	50.0	9.21
16.233		5248	0.0052	------	----------
16.455		3541	0.0035	------	----------
16.582		3857	0.0039	------	----------
16.762		1737	0.0017	------	----------
16.953		1723	0.0017	------	----------
		12879293	1255.4325		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

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Report stored in ASCII file: C:\TC4\DATA_3\O06_085.TXO

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/8/00 01:35 AM
Sample Number: 30 PPM Study : ICAL 9/30/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/8/00 01:05 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

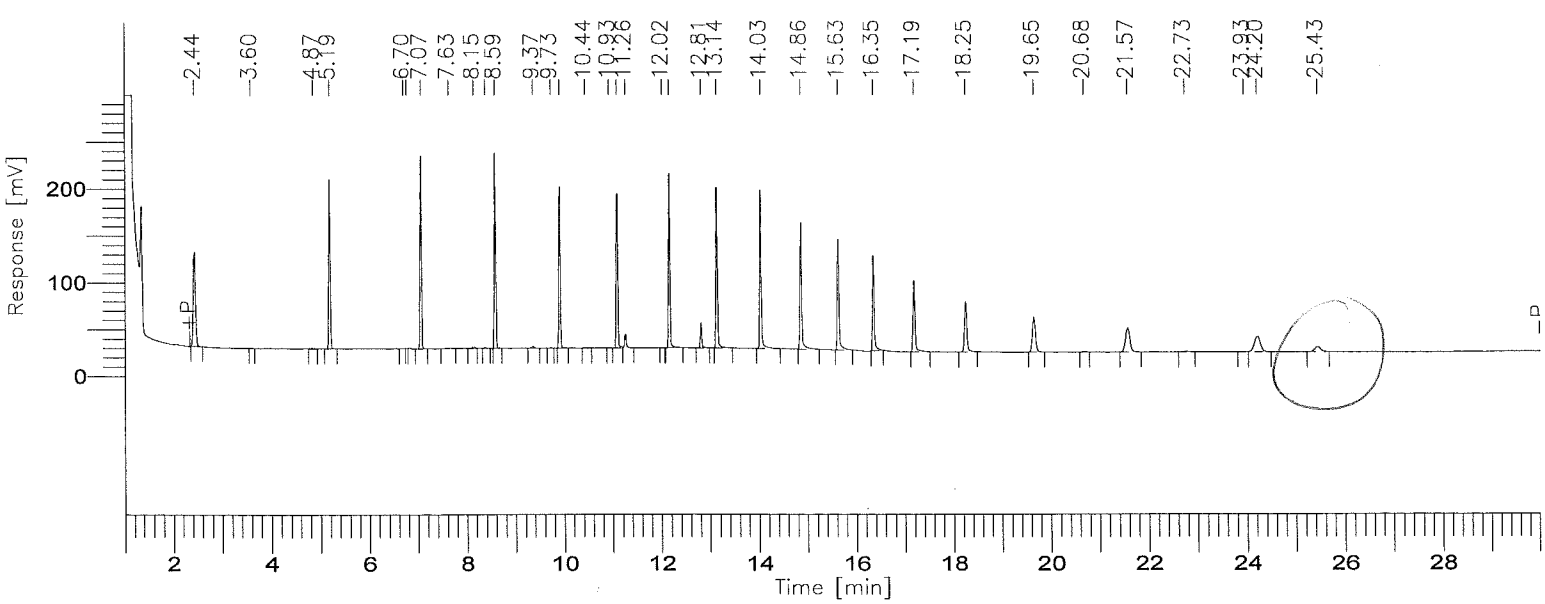
Raw Data File : C:\TC4\DATA_3\O06_086.RAW
Result File : C:\TC4\DATA_3\O06_086.RST
Inst Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\O06_086.RST
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 35



8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.749	C8-C9	335310	30.6862	30.0	2.29
6.074	C10-C11	363044	30.9788	30.0	3.26
7.769	C12-C13	380216	30.5678	30.0	1.89
9.180	C14-C15	381148	31.1888	30.0	3.96
10.441	C16-C17	379645	31.1834	30.0	3.94
11.579	C18-C19	414762	34.0941	30.0	13.65
13.051	C20-C23	788222	33.2012	30.0	10.67
14.784	C24-C27	670983	30.9114	30.0	3.04
16.356	C28-C31	524659	28.9565	30.0	-3.48
18.348	C32-C35	402933	30.2453	30.0	0.82
21.815	C36-C39	345970	33.8769	30.0	12.92
27.034	C40+	188432	44.4000	30.0	48.00
		5175323	390.2903		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.444		332850	0.3328	------	----------
3.597		440	0.0004	------	----------
4.865		2020	0.0020	------	----------
		335310	0.3353		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.185		362258	0.3623	------	----------
6.697		562	0.0006	------	----------
6.767		224	0.0002	------	----------
		363044	0.3630		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
7.066		369904	0.3699	------	----------
7.632		2819	0.0028	------	----------
8.147		5422	0.0054	------	----------
8.383		2071	0.0021	------	----------
		380216	0.3802		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.585		374481	0.3745	------	----------
9.365		5360	0.0054	------	----------
9.732		1307	0.0013	------	----------
		381148	0.3811		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.910		377021	0.3770	------	----------
10.441		1516	0.0015	------	----------
10.934		1108	0.0011	------	----------
		379645	0.3796		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.092		376547	0.3765	------	----------
11.260		36204	0.0362	------	----------
12.022		2011	0.0020	------	----------
		414762	0.4148		

Group Report For : C20-C23

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

12.164	373522	0.3735	------	----------
12.814	53312	0.0533	------	----------
[illegible].137	361388	0.3614	------	----------
	788222	0.7882		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.034		346117	0.3461	------	----------
14.862		324866	0.3249	------	----------
		670983	0.6710		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.629		284701	0.2847	------	----------
[illegible]6.353		239958	0.2400	------	----------
		524659	0.5247		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.186		216420	0.2164	------	----------
18.248		186513	0.1865	------	----------
		402933	0.4029		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
19.653		169379	0.1694	------	----------
[illegible]0.676		3063	0.0031	------	----------
[illegible]1.565		162493	0.1625	------	----------
22.734		7211	0.0072	------	----------
23.929		3824	0.0038	------	----------
		345970	0.3460		

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
24.203		142280	0.1423	------	----------
25.433		46152	0.0462	------	----------
		188432	0.1884		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_086.TXO

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD Time : 10/8/00 04:12 AM
Sample Number: 1000 PPM Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/8/00 03:43 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

out high (diesel)
BAP - ok

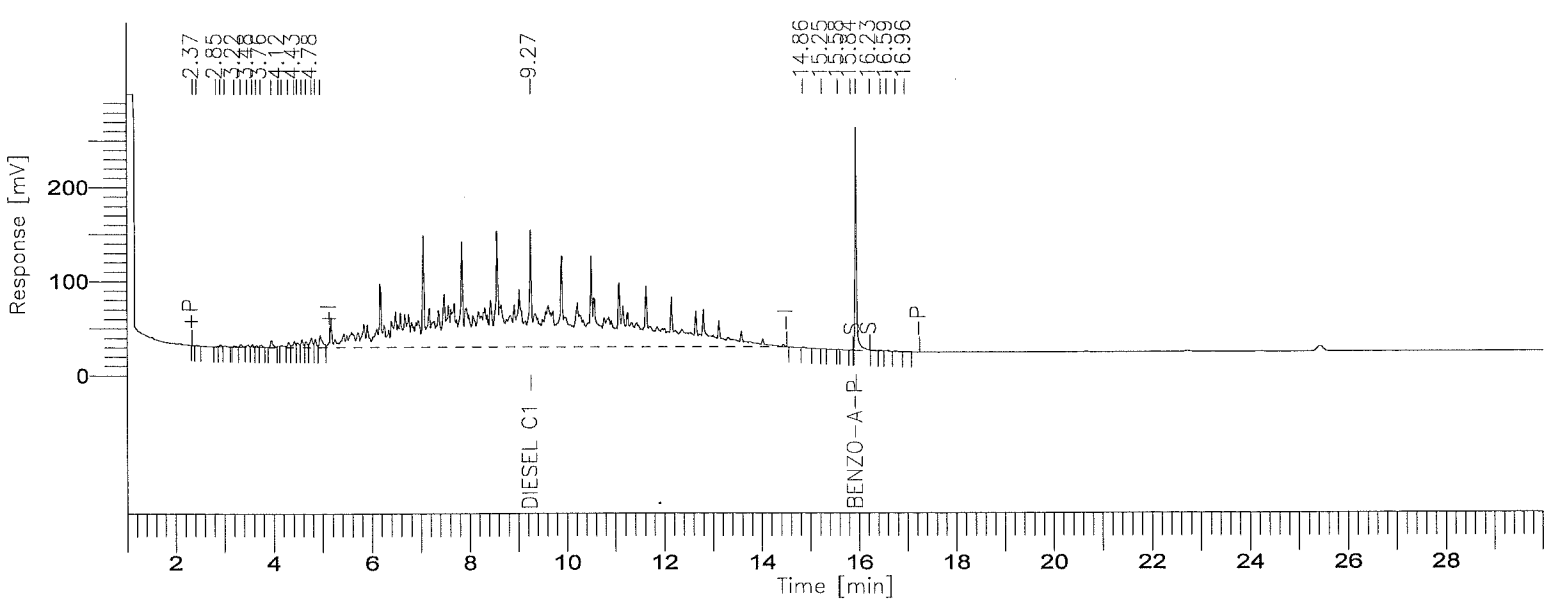
Raw Data File : C:\TC4\DATA_3\006_090.RAW
Result File : C:\TC4\DATA_3\006_090.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C25 from C:\TC4\DATA_3\006_090.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C25
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C25
Sequence File : C:\TC4\DATA_3\006.SEQ

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: 33



001214

BOE-C6-0159636

8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.370		1580	0.0016	------	----------
2.449		4192	0.0042	------	----------
2.851		1017	0.0010	------	----------
2.935		6624	0.0066	------	----------
3.025		4834	0.0048	------	----------
3.221		5702	0.0057	------	----------
3.349		9616	0.0096	------	----------
3.484		6739	0.0067	------	----------
3.583		6014	0.0060	------	----------
3.666		4196	0.0042	------	----------
3.758		8024	0.0080	------	----------
3.974		26959	0.0270	------	----------
4.118		5036	0.0050	------	----------
4.182		13957	0.0140	------	----------
4.319		16485	0.0165	------	----------
4.430		25928	0.0259	------	----------
4.494		20546	0.0205	------	----------
4.585		24931	0.0249	------	----------
4.672		22901	0.0229	------	----------
4.784		43401	0.0434	------	----------
4.867		24970	0.0250	------	----------
4.966		58303	0.0583	------	----------
9.267	DIESEL C10C25	13104699	1295.1755	1000.0	29.52
14.861		2284	0.0023	------	----------
15.250		925	0.0009	------	----------
15.584		708	0.0007	------	----------
15.843		1944	0.0019	------	----------
15.949	BENZO-A-PYRENE	510271	57.3287	50.0	14.66
16.233		5945	0.0059	------	----------
16.459		3927	0.0039	------	----------
16.585		3789	0.0038	------	----------
16.765		1943	0.0019	------	----------
16.956		1966	0.0020	------	----------
		13980358	1352.8696		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

001215

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STL - LOS ANGELES

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Report stored in ASCII file: C:\TC4\DATA_3\O06_090.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/8/00 04:51 AM
Sample Number: 30 PPM Study : ICAL 9/30/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/8/00 04:22 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

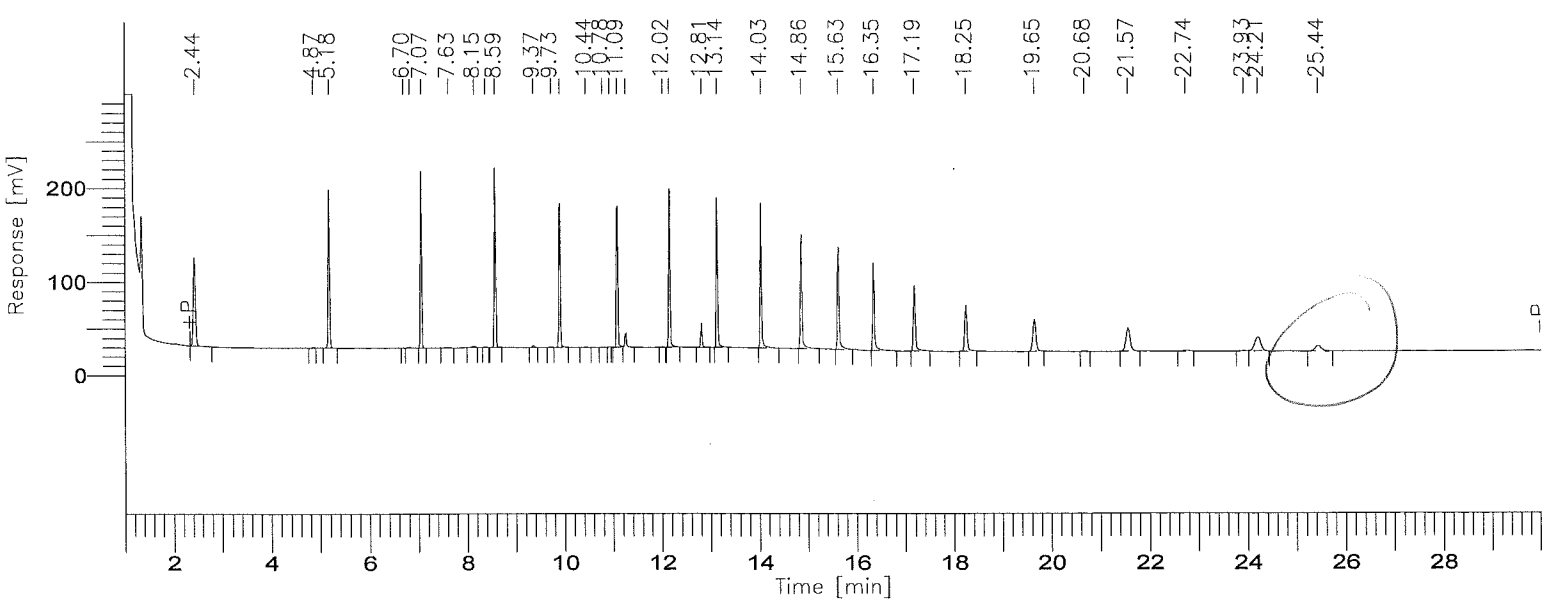
Raw Data File : C:\TC4\DATA_3\006_091.RAW
Result File : C:\TC4\DATA_3\006_091.RST
Inst Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\006_091.RST
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A
Sequence File : C:\TC4\DATA_3\006.SEQ

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: 35



001217

BOE-C6-0159639

8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.749	C8-C9	309049	28.2828	30.0	-5.72
6.074	C10-C11	338342	28.8709	30.0	-3.76
7.769	C12-C13	350064	28.1437	30.0	-6.19
9.180	C14-C15	350158	28.6530	30.0	-4.49
10.441	C16-C17	349293	28.6903	30.0	-4.37
11.579	C18-C19	384294	31.5896	30.0	5.30
13.051	C20-C23	721421	30.3874	30.0	1.29
14.784	C24-C27	614545	28.3113	30.0	-5.63
16.356	C28-C31	491982	27.1530	30.0	-9.49
18.348	C32-C35	367606	27.5936	30.0	-8.02
21.815	C36-C39	315954	30.9377	30.0	3.13
27.034	C40+	181970	42.8774	30.0	42.92
		4774676	361.4909		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.438		307163	0.3072	------	----------
4.865		1886	0.0019	------	----------
		309049	0.3090		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.184		335016	0.3350	------	----------
6.697		610	0.0006	------	----------
6.821		2715	0.0027	------	----------
		338342	0.3383		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
7.065		339774	0.3398	------	----------
7.631		2662	0.0027	------	----------
8.146		5758	0.0058	------	----------
8.382		1869	0.0019	------	----------
		350064	0.3501		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.585		343911	0.3439	------	----------
9.365		5257	0.0053	------	----------
9.732		990	0.0010	------	----------
		350158	0.3502		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.909		346025	0.3460	------	----------
10.442		1541	0.0015	------	----------
10.784		629	0.0006	------	----------
10.933		1098	0.0011	------	----------
		349293	0.3493		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.092		345722	0.3457	------	----------
11.260		36745	0.0367	------	----------
12.022		1827	0.0018	------	----------
		384294	0.3843		

Group Report For : C20-C23

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

12.164	340525	0.3405	------	----------
13.814	52017	0.0520	------	----------
15.136	328879	0.3289	------	----------
	721421	0.7214		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.033		316618	0.3166	------	----------
14.861		297927	0.2979	------	----------
		614545	0.6145		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.629		260206	0.2602	------	----------
16.353		231776	0.2318	------	----------
		491982	0.4920		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.186		197582	0.1976	------	----------
18.247		170024	0.1700	------	----------
		367606	0.3676		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
19.654		154966	0.1550	------	----------
20.675		2297	0.0023	------	----------
21.565		148681	0.1487	------	----------
22.738		6972	0.0070	------	----------
23.929		3037	0.0030	------	----------

	315954	0.3160

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
24.210		131045	0.1310	------	----------
25.439		50925	0.0509	------	----------
		181970	0.1820		

Missing Component Report

Component	Expected Retention (Calibration File)
All components were found	

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_091.TXO

Turbochrom Sequence File : C:\TC4\DATA_3\011.SEQ
Created by : EM on : 10/11/00 01:42 PM
Edited by : EC on : 10/12/00 11:02 AM
Description :

Number of Times Edited : 14

FJK 10/13/00

Sequence File Header Information:

Number of Rows : 73
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 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
2	Sample	DAILY RT MARKER	C8-C40	ICAL 9/27/	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 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
4	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
5	Std Check	#TEPH00-178 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
6	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
7	Sample	371-01	DLC7L102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
8	Sample	333-13 2X		ICAL 9/27/	1.000	1.000	1.000	2.000	5.000	20.000	0.000	100.000
9	Sample	MECL2	MECL2	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
10	Std Check	#TEPH00-178 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
11	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
12	Sample	233-MB	DLJ2F101B	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
13	Sample	233-LCS	DLJ2F102C	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
14	Sample	262-02	DLGPR102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
15	Sample	262-03	DLGPT102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
16	Sample	233-01	DLGAH102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample	233-01 MS	DLGAH10RS	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
	Sample	233-01 MSD	DLGAH10TD	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
19	Sample	233-02	DLGAN102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
20	Sample	233-04	DLGC3101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
21	Sample	233-05	DLGC9101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
22	Sample	233-06	DLGCF101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
23	Sample	233-07	DLGCL101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
24	Sample	233-08	DLGCP101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
25	Std Check	#TEPH00-178 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
26	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
27	Std Check	#TEPH00-178 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
28	Sample	371-01	DLC7L102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
29	Sample	333-13 2X		ICAL 9/27/	1.000	1.000	1.000	2.000	5.000	20.000	0.000	100.000
30	Std Check	#TEPH00-178 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
31	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
32	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
33	Sample	MECL2	MECL2	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
34	Sample	MECL2	MECL2	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
35	Sample	DAILY RT MARKER	C8-C40	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
36	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
37	Std Check	#TEPH00-178 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
38	Sample	233-09	DLGCR101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
39	Sample	233-10	DLGD2101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
40	Sample	233-11	DLGD3101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
41	Sample	233-12	DLGD4101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
42	Sample	233-13	DLGD9101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
43	Sample	233-14	DLGDE101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
44	Sample	233-15	DLGDG101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
45	Sample	233-16	DLGE5101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
46	Sample	233-17	DLGE6101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
47	Sample	233-18	DLGE7101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
48	Sample	233-19	DLGE8101	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
49	Std Check	#TEPH00-178 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
50	Sample	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
51	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
52	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
53	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
54	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
55	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
56	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
57	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
58	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
59	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
60	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/12/00 06:51 AM
Sample Number: 30 PPM Study : ICAL 9/30/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/12/00 06:21 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

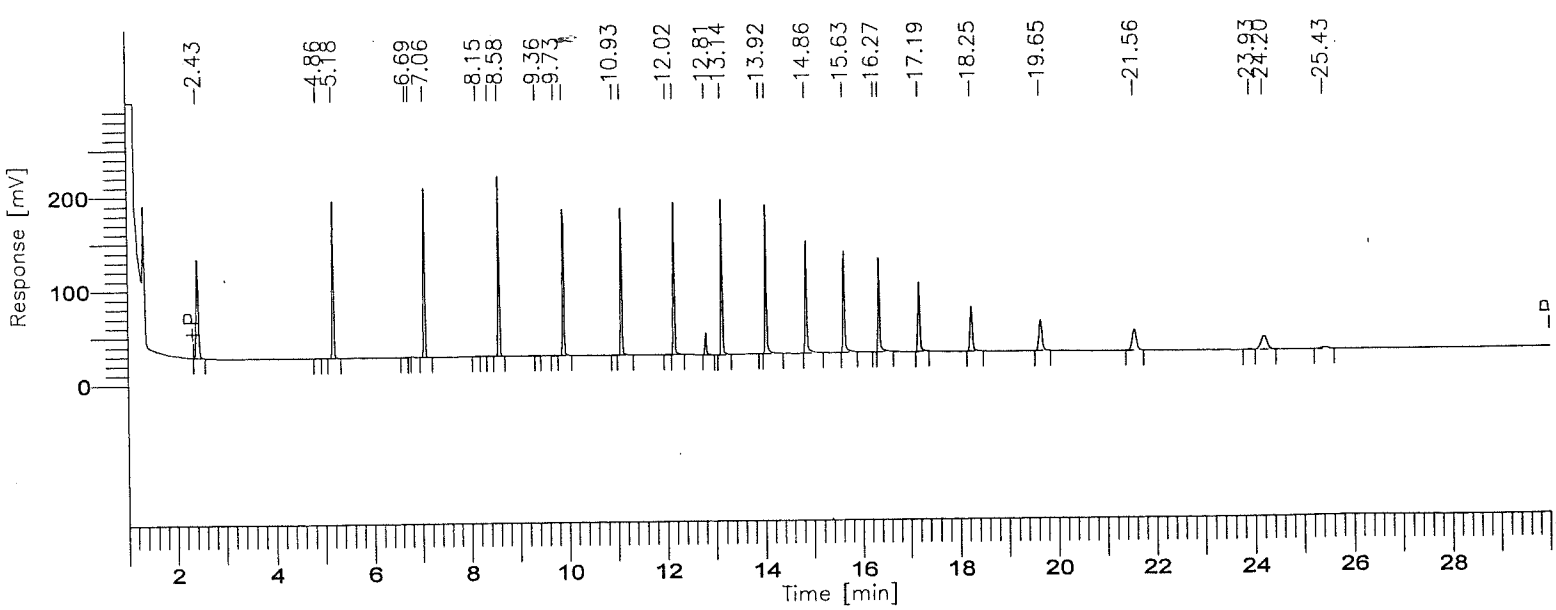
Raw Data File : C:\TC4\DATA_3\O11_026.RAW
Result File : C:\TC4\DATA_3\O11_026.RST
Inst Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\O11_026.RST
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A
Sequence File : C:\TC4\DATA_3\O11.SEQ

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: 31



8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.749	C8-C9	309364	28.3117	30.0	-5.63
6.074	C10-C11	330422	28.1952	30.0	-6.02
7.769	C12-C13	338895	27.2458	30.0	-9.18
9.180	C14-C15	342272	28.0077	30.0	-6.64
10.441	C16-C17	344201	28.2721	30.0	-5.76
11.579	C18-C19	345667	28.4144	30.0	-5.29
13.051	C20-C23	716980	30.2004	30.0	0.67
14.784	C24-C27	623145	28.7075	30.0	-4.31
16.356	C28-C31	505344	27.8905	30.0	-7.03
18.348	C32-C35	365372	27.4258	30.0	-8.58
21.815	C36-C39	290070	28.4033	30.0	-5.32
27.034	C40+	141238	33.2797	30.0	10.93
		4652971	344.3541		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.434		307476	0.3075	------	----------
4.864		1888	0.0019	------	----------
		309364	0.3094		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.183		329258	0.3293	------	----------
6.693		534	0.0005	------	----------
6.765		630	0.0006	------	----------
		330422	0.3304		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
.064		334554	0.3346	------	----------
8.147		2496	0.0025	------	----------
8.382		1845	0.0018	------	----------
		338895	0.3389		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.584		339373	0.3394	------	----------
9.364		1939	0.0019	------	----------
9.732		960	0.0010	------	----------
		342272	0.3423		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.907		343041	0.3430	------	----------
10.933		1160	0.0012	------	----------
		344201	0.3442		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.090		343643	0.3436	------	----------
12.020		2024	0.0020	------	----------
		345667	0.3457		

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.162		340782	0.3408	------	----------
12.813		48369	0.0484	------	----------
13.136		327472	0.3275	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
.915		358	0.0004	------	----------
		716980	0.7170		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.033		321405	0.3214	------	----------
14.860		301740	0.3017	------	----------
		623145	0.6231		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.627		268936	0.2689	------	----------
.265		388	0.0004	------	----------
16.352		236020	0.2360	------	----------
		505344	0.5053		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.185		196863	0.1969	------	----------
18.245		168509	0.1685	------	----------
		365372	0.3654		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
19.651		147594	0.1476	------	----------
21.563		138329	0.1383	------	----------
23.930		4148	0.0041	------	----------
		290070	0.2901		

Group Report For : C40+

Time in]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
24.199		124943	0.1249	------	----------
25.426		16295	0.0163	------	----------
		141238	0.1412		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O11_026.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-178 DIESEL STD Time : 10/12/00 07:36 AM
Sample Number: 1000 PPM Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/12/00 07:06 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

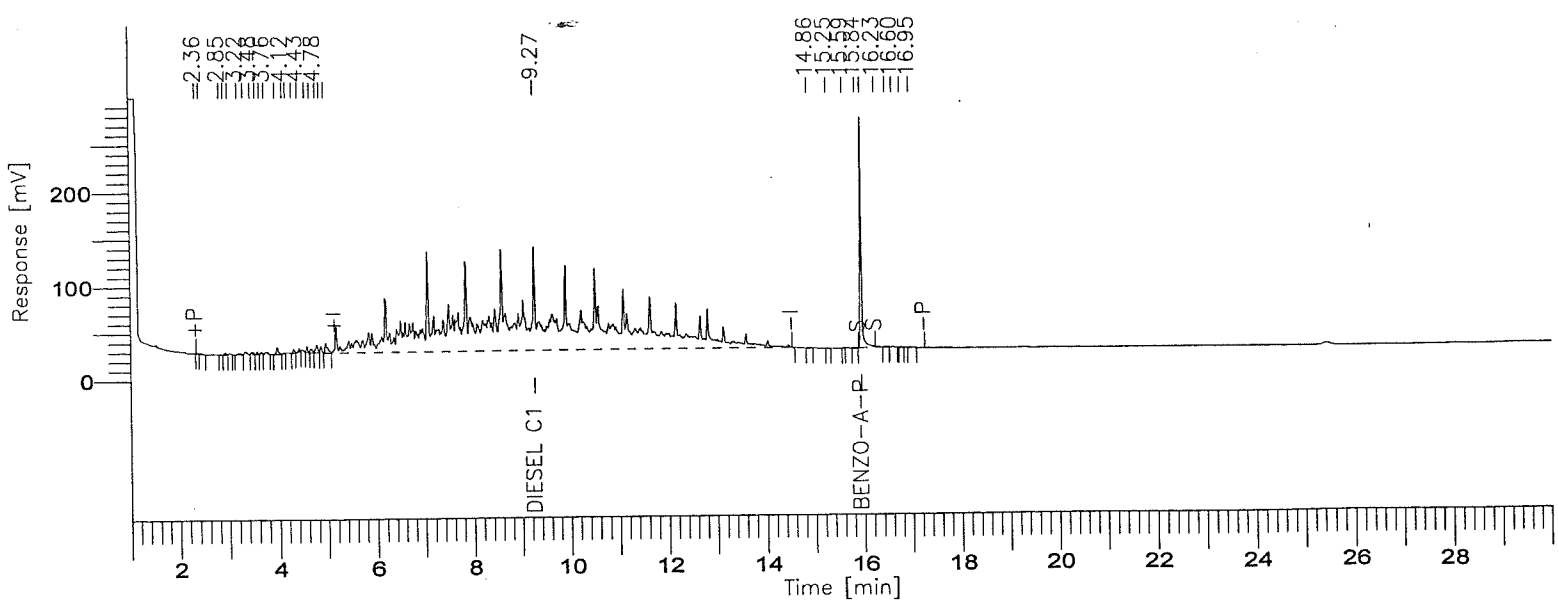
Raw Data File : C:\TC4\DATA_3\O11_027.RAW
Result File : C:\TC4\DATA_3\O11_027.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C25 from C:\TC4\DATA_3\O11_027.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C25
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C25
Sequence File : C:\TC4\DATA_3\O11.SEQ

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: 32



8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.364		1275	0.0013	------	----------
2.443		3610	0.0036	------	----------
2.845		916	0.0009	------	----------
2.933		6156	0.0062	------	----------
3.021		4257	0.0043	------	----------
3.219		5753	0.0058	------	----------
3.347		10279	0.0103	------	----------
3.483		8104	0.0081	------	----------
3.581		6568	0.0066	------	----------
3.664		4996	0.0050	------	----------
3.756		8243	0.0082	------	----------
3.973		23103	0.0231	------	----------
4.117		3591	0.0036	------	----------
4.182		8195	0.0082	------	----------
4.318		9214	0.0092	------	----------
4.430		7200	0.0072	------	----------
4.585		11524	0.0115	------	----------
4.672		11997	0.0120	------	----------
4.784		27985	0.0280	------	----------
4.867		15703	0.0157	------	----------
4.966		39564	0.0396	------	----------
9.268	DIESEL C10C25	11213155	1108.2287	1000.0	10.82
14.863		2083	0.0021	------	----------
15.250		508	0.0005	------	----------
15.585		776	0.0008	------	----------
15.843		2596	0.0026	------	----------
15.949	BENZO-A-PYRENE	517703	58.1636	50.0	16.33
16.233		4165	0.0042	------	----------
16.458		2278	0.0023	------	----------
16.599		1678	0.0017	------	----------
16.764		1568	0.0016	------	----------
16.954		1853	0.0019	------	----------
		11966595	1166.6281		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

==========

STL - LOS ANGELES

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Report stored in ASCII file: C:\TC4\DATA_3\O11_027.TXO

Software Version: 4.1<2F12>
Sample Name : #TEPH00-178 DIESEL STD Time : 10/12/00 09:32 AM
Sample Number: 1000 PPM Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/12/00 09:02 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

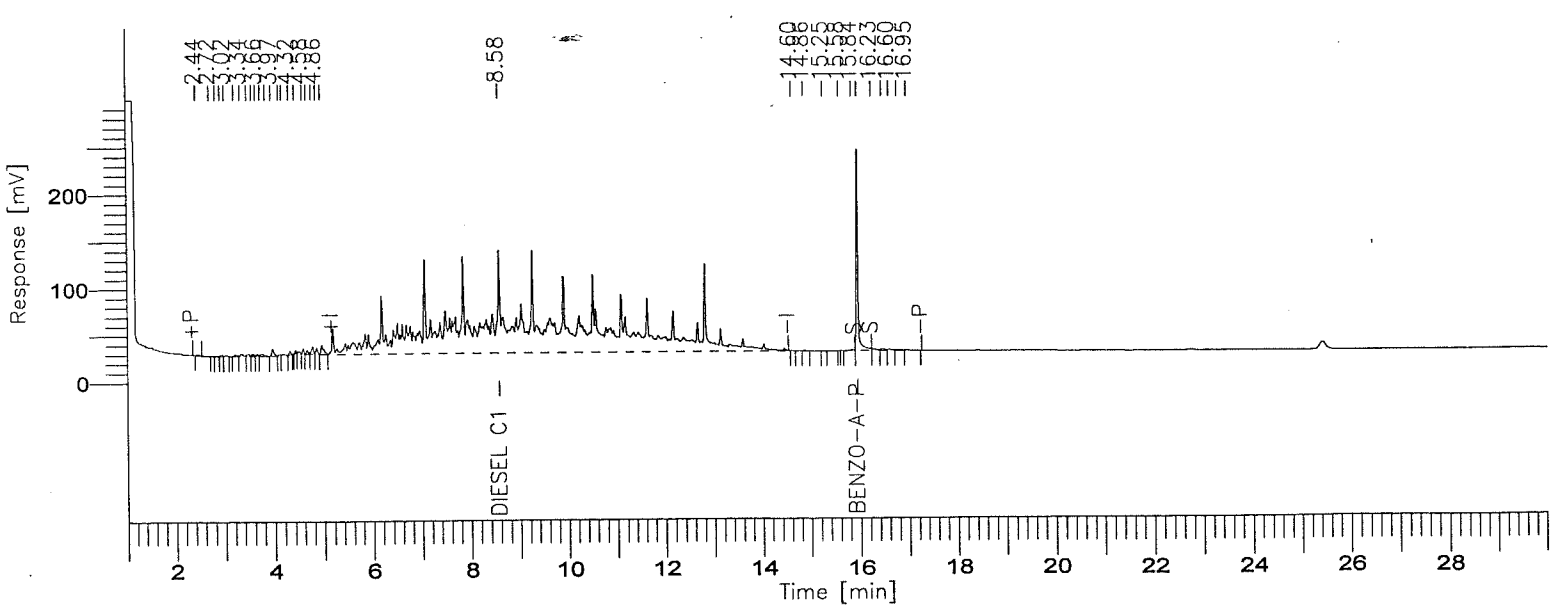
Raw Data File : C:\TC4\DATA_3\O11_030.RAW
Result File : C:\TC4\DATA_3\O11_030.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C25 from C:\TC4\DATA_3\O11_030.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C25
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C25
Sequence File : C:\TC4\DATA_3\O11.SEQ

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: 34



001231

BOE-C6-0159653

8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.439		1795	0.0018	------	----------
2.717		956	0.0010	------	----------
2.843		962	0.0010	------	----------
2.930		5411	0.0054	------	----------
3.017		4374	0.0044	------	----------
3.216		5567	0.0056	------	----------
3.342		10231	0.0102	------	----------
3.480		7792	0.0078	------	----------
3.578		6231	0.0062	------	----------
3.661		4675	0.0047	------	----------
3.753		8664	0.0087	------	----------
3.847		752	0.0008	------	----------
3.969		22395	0.0224	------	----------
4.115		3746	0.0037	------	----------
'.179		7993	0.0080	------	----------
4.316		9150	0.0092	------	----------
4.426		6440	0.0064	------	----------
4.583		11204	0.0112	------	----------
4.668		11485	0.0115	------	----------
4.781		25500	0.0255	------	----------
4.864		16799	0.0168	------	----------
4.963		39077	0.0391	------	----------
8.584	DIESEL C10C25	10937751	1081.0097	1000.0	8.10
14.604		874	0.0009	------	----------
14.856		2430	0.0024	------	----------
15.252		776	0.0008	------	----------
15.582		688	0.0007	------	----------
15.837		5700	0.0057	------	----------
15.946	BENZO-A-PYRENE	518172	58.2164	50.0	16.43
16.233		12639	0.0126	------	----------
16.453		13344	0.0133	------	----------
16.595		6983	0.0070	------	----------
16.761		5855	0.0059	------	----------
16.949		2221	0.0022	------	----------
		11718630	1139.4888		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

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S - LOS ANGELES

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Report stored in ASCII file: C:\TC4\DATA_3\O11_030.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/12/00 10:11 AM
Sample Number: 30 PPM Study : ICAL 9/30/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/12/00 09:41 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

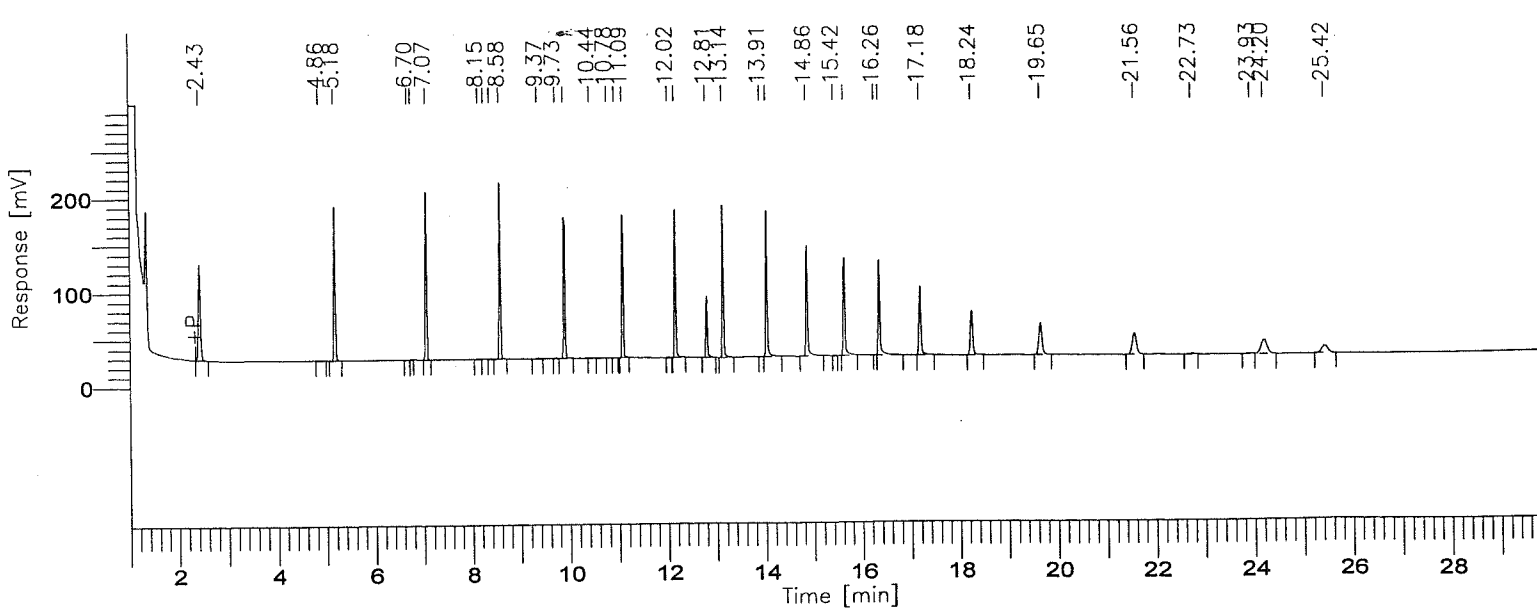
Raw Data File : C:\TC4\DATA_3\O11_031.RAW
Result File : C:\TC4\DATA_3\O11_031.RST
Inst Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\O11_031.RST
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A
Sequence File : C:\TC4\DATA_3\O11.SEQ

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



001234

8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.749	C8-C9	302710	27.7027	30.0	-7.66
6.074	C10-C11	322690	27.5353	30.0	-8.22
7.769	C12-C13	330868	26.6004	30.0	-11.33
9.180	C14-C15	334075	27.3369	30.0	-8.88
10.441	C16-C17	336839	27.6674	30.0	-7.78
11.579	C18-C19	332904	27.3652	30.0	-8.78
13.051	C20-C23	790126	33.2814	30.0	10.94
14.784	C24-C27	606628	27.9466	30.0	-6.84
16.356	C28-C31	503481	27.7877	30.0	-7.37
18.348	C32-C35	369682	27.7493	30.0	-7.50
21.815	C36-C39	302476	29.6180	30.0	-1.27
27.034	C40+	198883	46.8624	30.0	56.21
		4731358	357.4534		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.432		301069	0.3011	------	----------
4.863		1640	0.0016	------	----------
		302710	0.3027		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.183		320966	0.3210	------	----------
6.696		406	0.0004	------	----------
6.766		1318	0.0013	------	----------
		322690	0.3227		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
.065		325237	0.3252	------	----------
8.148		3192	0.0032	------	----------
8.259		612	0.0006	------	----------
8.382		1826	0.0018	------	----------
		330868	0.3309		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.584		330620	0.3306	------	----------
9.365		2474	0.0025	------	----------
9.732		980	0.0010	------	----------
		334075	0.3341		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.907		334071	0.3341	------	----------
10.440		1147	0.0011	------	----------
10.784		536	0.0005	------	----------
10.933		1085	0.0011	------	----------
		336839	0.3368		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.090		330985	0.3310	------	----------
12.020		1918	0.0019	------	----------
		332904	0.3329		

Group Report For : C20-C23

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

12.162	331808	0.3318	------	----------
12.812	138467	0.1385	------	----------
13.136	319310	0.3193	------	----------
[illegible].914	541	0.0005	------	----------
	790126	0.7901		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.033		311801	0.3118	------	----------
14.860		294274	0.2943	------	----------
15.421		553	0.0006	------	----------
		606628	0.6066		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
[illegible].627		262864	0.2629	------	----------
16.264		298	0.0003	------	----------
16.351		240319	0.2403	------	----------
		503481	0.5035		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.183		199044	0.1990	------	----------
18.244		170637	0.1706	------	----------
		369682	0.3697		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
19.649		151672	0.1517	------	----------
21.560		141455	0.1415	------	----------
22.727		5079	0.0051	------	----------
23.926		4270	0.0043	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
		302476	0.3025		

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
24.196		129459	0.1295	------	----------
25.419		69424	0.0694	------	----------
		198883	0.1989		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O11_031.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-167 RT MARKER Time : 10/12/00 11:03 AM
Sample Number: 30 PPM Study : ICAL 9/30/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/12/00 10:21 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

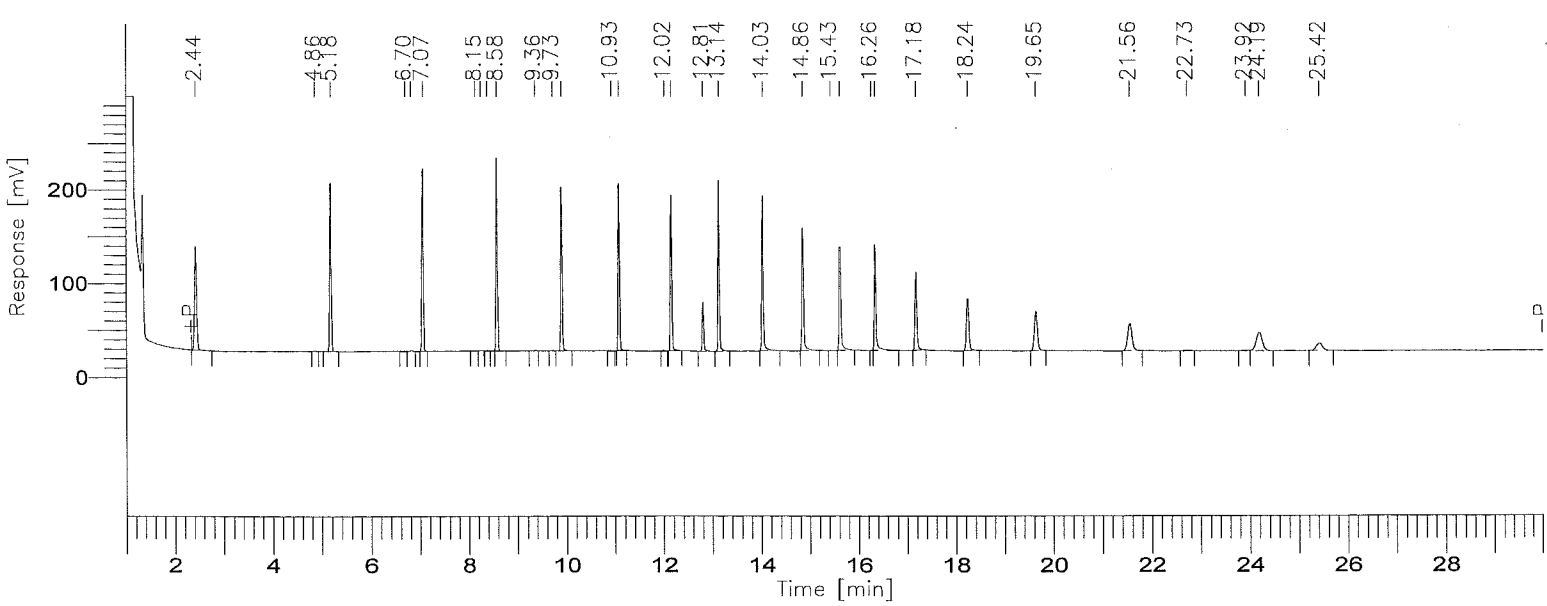
Raw Data File : C:\TC4\DATA_3\O11_032.RAW
Result File : C:\TC4\DATA_3\O11_032.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O11_032.RST
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\O11_032.RST
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\O11_032.RST
Sequence File : C:\TC4\DATA_3\O11.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: 33



001239

BOE-C6-0159661

8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.749	C8-C9	335276	30.6831	30.0	2.28
6.074	C10-C11	357232	30.4828	30.0	1.61
7.769	C12-C13	364834	29.3311	30.0	-2.23
9.180	C14-C15	369438	30.2307	30.0	0.77
10.441	C16-C17	371332	30.5005	30.0	1.67
11.579	C18-C19	370829	30.4828	30.0	1.61
13.051	C20-C23	843852	35.5444	30.0	18.48
14.784	C24-C27	673006	31.0046	30.0	3.35
16.356	C28-C31	556833	30.7323	30.0	2.44
18.348	C32-C35	424610	31.8724	30.0	6.24
21.815	C36-C39	374420	36.6626	30.0	22.21
27.034	C40+	233878	55.1085	30.0	83.69
		5275539	402.6357		

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.435		333362	0.3334	------	----------
4.864		1914	0.0019	------	----------
		335276	0.3353		

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
5.184		353774	0.3538	------	----------
6.697		803	0.0008	------	----------
6.820		2655	0.0027	------	----------
		357232	0.3572		

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
7.065		360354	0.3604	------	----------
8.145		1799	0.0018	------	----------
8.255		654	0.0007	------	----------
8.382		2026	0.0020	------	----------
		364834	0.3648		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
8.584		366698	0.3667	------	----------
9.364		1629	0.0016	------	----------
9.731		1111	0.0011	------	----------
		369438	0.3694		

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
9.906		370216	0.3702	------	----------
10.932		1116	0.0011	------	----------
		371332	0.3713		

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
11.088		368824	0.3688	------	----------
12.019		2005	0.0020	------	----------
		370829	0.3708		

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
12.161		368148	0.3681	------	----------
12.810		120956	0.1210	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
13.135		354748	0.3547	------	----------
		843852	0.8439		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
14.032		345370	0.3454	------	----------
14.857		326912	0.3269	------	----------
15.432		724	0.0007	------	----------
		673006	0.6730		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.625		291310	0.2913	------	----------
16.264		377	0.0004	------	----------
16.351		265146	0.2651	------	----------
		556833	0.5568		

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
17.182		222821	0.2228	------	----------
18.242		201789	0.2018	------	----------
		424610	0.4246		

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
19.647		185857	0.1859	------	----------
21.556		179152	0.1792	------	----------
22.725		4688	0.0047	------	----------
23.919		4723	0.0047	------	----------

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
		374420	0.3744		

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
24.192		164681	0.1647	------	----------
25.415		69197	0.0692	------	----------
		233878	0.2339		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

Report stored in ASCII file: C:\TC4\DATA_3\O11_032.TX0

Lot/Sample: E0I290371-001 C-2-9-5 TICs.....: N Report Results: Y
WO#.....: DLC7J-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: 10/12/00
Inject Time..: 7:44 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O11_028A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:47:32
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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			10.1696	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			28.6235	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	10.883	87.0712		

Software Version: 4.1<2F12>
Sample Name : 371-01 Time : 10/12/00 09:54 AM
Sample Number: DLC7L102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/12/00 07:44 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

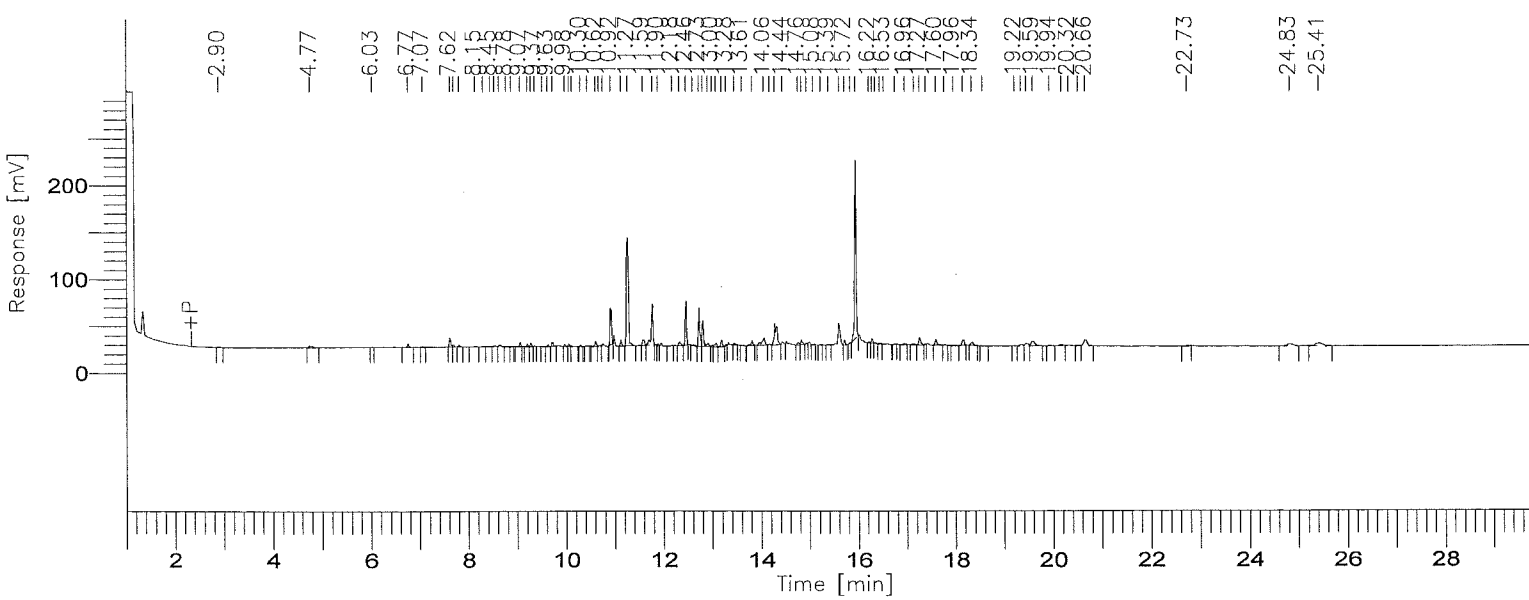
Raw Data File : C:\TC4\DATA_3\O11_028A.RAW
Result File : C:\TC4\DATA_3\O11_028A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O11_028A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O11.SEQ

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: 92



001245

BOE-C6-0159667

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	9804	0.2243	-------	10.0	
6.07	C10-C11	7798	0.1664	-------	10.0	
7.77	C12-C13	38264	0.7691	-------	10.0	
9.18	C14-C15	47624	0.9743	-------	10.0	
10.44	C16-C17	118843	2.4404	-------	10.0	
11.58	C18-C19	494860	10.1696	-------	10.0	
13.05	C20-C23	317158	3.3398	-------	10.0	
14.78	C24-C27	177129	2.0400	-------	10.0	
16.36	C28-C31	536360	7.4006	-------	10.0	
18.35	C32-C35	102848	1.9300	-------	10.0	
21.82	C36-C39	77018	1.8854	-------	10.0	
27.03	C40+	44654	2.6304	-------	10.0	
		1972360	33.9702			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.90		948	0.0002	-------	10.0	
4.77		8856	0.0022	-------	10.0	
		9804	0.0025			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
6.03		824	0.0002	-------	10.0	
6.77		6974	0.0017	-------	10.0	
		7798	0.0019			

Group Report For : C12-C13

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
07		2709	0.0007	-------	10.0
..62		22065	0.0055	-------	10.0
7.70		4687	0.0012	-------	10.0
7.82		4030	0.0010	-------	10.0
8.15		1824	0.0005	-------	10.0
8.30		1717	0.0004	-------	10.0
8.45		1232	0.0003	-------	10.0
		38264	0.0096		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.54		3524	0.0009	-------	10.0	
8.64		5349	0.0013	-------	10.0	
8.78		2708	0.0007	-------	10.0	
8.88		741	0.0002	-------	10.0	
9.07		7742	0.0019	-------	10.0	
9.22		4959	0.0012	-------	10.0	
29		6435	0.0016	-------	10.0	
.37		1157	0.0003	-------	10.0	
9.52		1432	0.0004	-------	10.0	
9.63		3563	0.0009	-------	10.0	
9.73		10014	0.0025	-------	10.0	
		47624	0.0119			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.98		3396	0.0008	-------	10.0	
10.07		4434	0.0011	-------	10.0	
10.13		1483	0.0004	-------	10.0	
10.30		2744	0.0007	-------	10.0	
10.45		2579	0.0006	-------	10.0	
10.62		10245	0.0026	-------	10.0	
10.69		3458	0.0009	-------	10.0	
10.76		5997	0.0015	-------	10.0	
.92		84508	0.0211	-------	10.0	
		118843	0.0297			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.13		11188	0.0028	-------	10.0	
11.27		353481	0.0884	-------	10.0	
11.59		20898	0.0052	-------	10.0	
11.78		105781	0.0264	-------	10.0	
11.90		3511	0.0009	-------	10.0	
		494860	0.1237			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.18		2320	0.0006	-------	10.0	
12.33		11810	0.0030	-------	10.0	
12.46		86348	0.0216	-------	10.0	
12.60		4647	0.0012	-------	10.0	
12.73		88160	0.0220	-------	10.0	
12.81		58583	0.0146	-------	10.0	
12.92		11709	0.0029	-------	10.0	
13.00		3054	0.0008	-------	10.0	
13.08		9455	0.0024	-------	10.0	
13.20		15617	0.0039	-------	10.0	
13.28		3188	0.0008	-------	10.0	
13.45		5067	0.0013	-------	10.0	
13.61		2066	0.0005	-------	10.0	
13.82		15133	0.0038	-------	10.0	
		317158	0.0793			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.06		37678	0.0094	-------	10.0	
14.18		3525	0.0009	-------	10.0	
14.29		97081	0.0243	-------	10.0	
14.44		7545	0.0019	-------	10.0	
14.76		7516	0.0019	-------	10.0	
14.83		13529	0.0034	-------	10.0	
.94		2448	0.0006	-------	10.0	
15.07		2564	0.0006	-------	10.0	
15.23		1543	0.0004	-------	10.0	
15.39		3699	0.0009	-------	10.0	
		177129	0.0443			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.61		69062	0.0173	-------	10.0	
15.72		8844	0.0022	-------	10.0	
15.83		2260	0.0006	-------	10.0	
15.94		422077	0.1055	-------	10.0	
16.22		2896	0.0007	-------	10.0	
16.29		9423	0.0024	-------	10.0	
16.35		3224	0.0008	-------	10.0	
16.44		4426	0.0011	-------	10.0	
16.53		7917	0.0020	-------	10.0	
16.75		1257	0.0003	-------	10.0	
16.96		4974	0.0012	-------	10.0	
		536360	0.1341			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.15		5757	0.0014	-------	10.0	
17.27		22010	0.0055	-------	10.0	
17.39		1049	0.0003	-------	10.0	
17.60		18912	0.0047	-------	10.0	
17.77		2592	0.0006	-------	10.0	
17.96		1814	0.0005	-------	10.0	
18.16		19140	0.0048	-------	10.0	
18.34		9908	0.0025	-------	10.0	
18.55		1774	0.0004	-------	10.0	
19.22		1114	0.0003	-------	10.0	
19.34		6629	0.0017	-------	10.0	
19.46		12149	0.0030	-------	10.0	
		102848	0.0257			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.59		26217	0.0066	-------	10.0	
19.94		1156	0.0003	-------	10.0	
20.17		8291	0.0021	-------	10.0	
20.32		4721	0.0012	-------	10.0	
20.51		3121	0.0008	-------	10.0	
20.66		31812	0.0080	-------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
22.73		1700	0.0004	-------	10.0	
		77018	0.0193			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
24.82		16871	0.0042	-------	10.0	
25.41		27782	0.0069	-------	10.0	
		44654	0.0112			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

SAL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O11_028A.TXO

Software Version: 4.1<2F12>
Sample Name : 371-01 Time : 10/12/00 09:58 AM
Sample Number: DLC7L102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/12/00 07:44 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

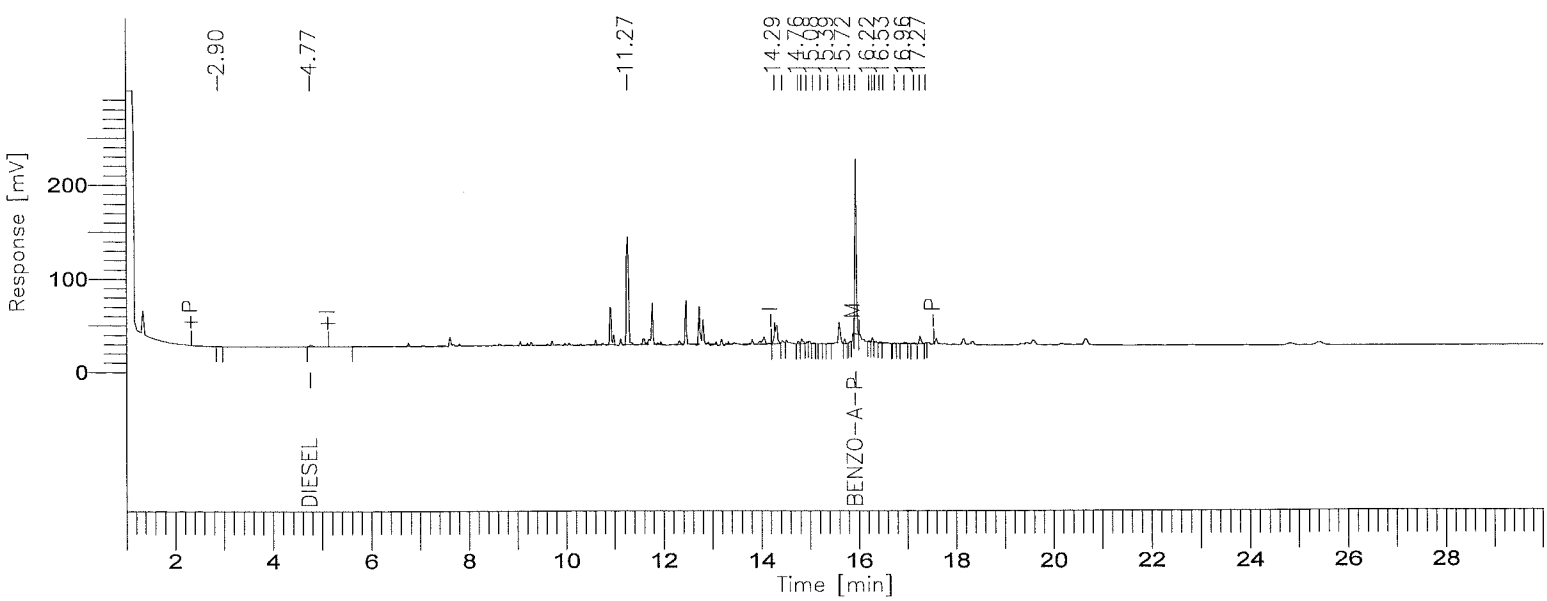
Raw Data File : C:\TC4\DATA_3\O11_028.RAW
Result File : C:\TC4\DATA_3\O11_028.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O11_028.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O11_028.RST
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O11_028.RST
Sequence File : C:\TC4\DATA_3\O11.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



001251

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.77	DIESEL	12321	0.3154	-------	10.0	
15.94	BENZO-A-PYRENE	387501	10.8839	87.07	10.0	
		399822	11.1992			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

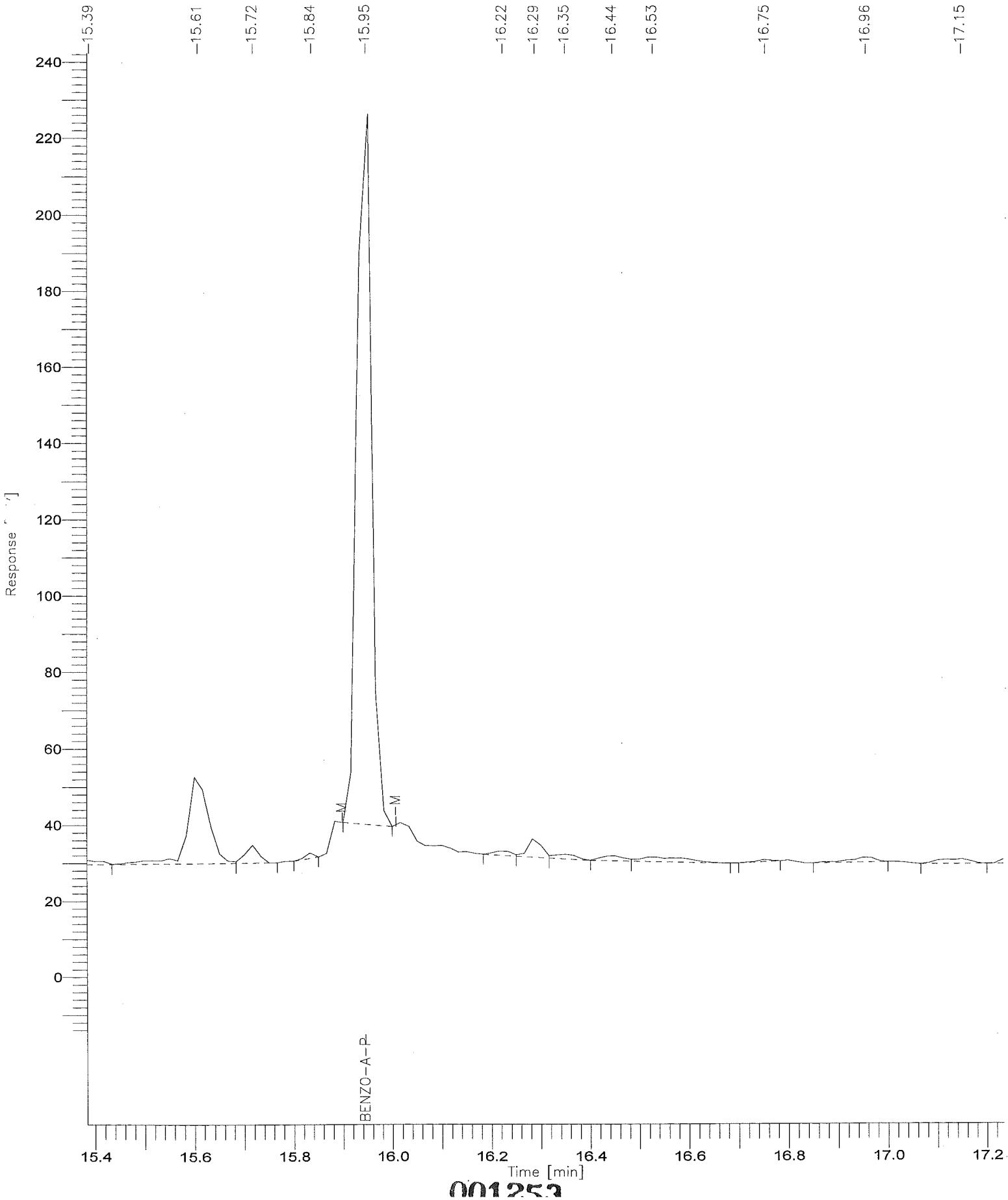
STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O11_028.TXO

Chromatogram

Sample Name : 371-01
FileName : C:\TC4\DATA_3\011_028.RAW
Method :
S Time : 15.38 min End Time : 17.23 min
S Factor: 0.0 Plot Offset: -15 mV

Sample #: DLC7L102 Page 1 of 1
Date : 10/12/00 09:58 AM
Time of Injection: 10/12/00 07:44 AM
Low Point : -15.09 mV High Point : 242.34 mV
Plot Scale: 257.4 mV



001253

BOE-C6-0159675

Lot/Sample: E0I290371-003 C-2-10-1 TICs.....: N Report Results: Y
WO#.....: DLC7L-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: 10/12/00
Inject Time..: 7:44 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O11_028
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:48:46
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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			5.5229	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	10.883	87.0712		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-003 C-2-10-1 TICs.....: N Report Results: Y
WO#.....: DLC7L-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 : 371-03 Time : 10/9/00 03:34 PM
Sample Number: DLC7JL192 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 04:46 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

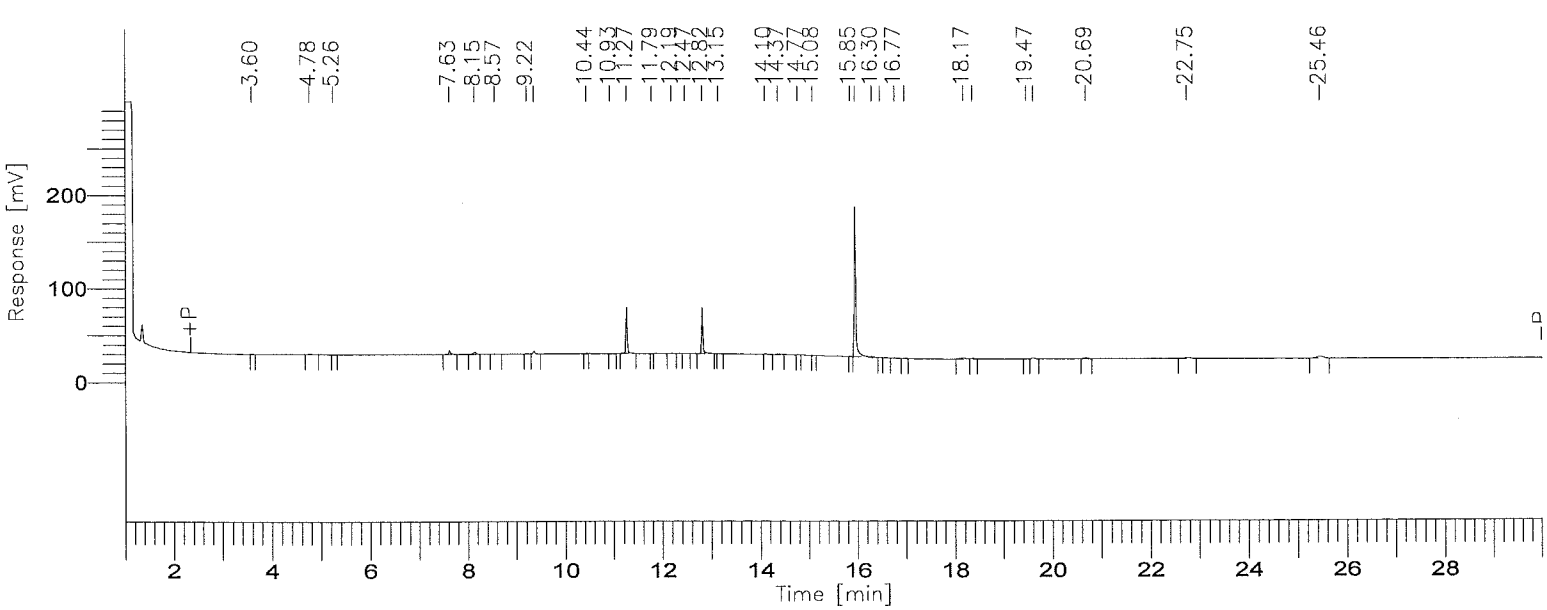
Raw Data File : C:\TC4\DATA_3\O06_055A.RAW
Result File : C:\TC4\DATA_3\O06_055A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_055A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 33



001256

BOE-C6-0159678

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	4099	0.0938	-------	10.0	
6.07	C10-C11	717	0.0153	-------	10.0	
7.77	C12-C13	16542	0.3325	-------	10.0	
9.18	C14-C15	9056	0.1853	-------	10.0	
10.44	C16-C17	2205	0.0453	-------	10.0	
11.58	C18-C19	91860	1.8878	-------	10.0	
13.05	C20-C23	95768	1.0085	-------	10.0	
14.78	C24-C27	5000	0.0576	-------	10.0	
16.36	C28-C31	362268	4.9985	-------	10.0	
18.35	C32-C35	11059	0.2075	-------	10.0	
21.82	C36-C39	19232	0.4708	-------	10.0	
27.03	C40+	16560	0.9755	-------	10.0	
		634366	10.2782			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		604	0.0002	-------	10.0	
4.78		3495	0.0009	-------	10.0	
		4099	0.0010			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.26		717	0.0002	-------	10.0	
		717	0.0002			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

7.63	9284	0.0023	-------	10.0
15	7258	0.0018	-------	10.0
	16542	0.0041		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.57		628	0.0002	-------	10.0	
9.22		1707	0.0004	-------	10.0	
9.37		6721	0.0017	-------	10.0	
		9056	0.0023			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
44		1734	0.0004	-------	10.0	
10.93		471	0.0001	-------	10.0	
		2205	0.0006			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.27		91470	0.0229	-------	10.0	
11.79		390	0.0001	-------	10.0	
		91860	0.0230			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.19		900	0.0002	-------	10.0	
12.47		489	0.0001	-------	10.0	
12.82		93772	0.0234	-------	10.0	
13.15		607	0.0002	-------	10.0	
		95768	0.0239			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.10		1103	0.0003	-------	10.0	
14.37		2974	0.0007	-------	10.0	
14.77		611	0.0002	-------	10.0	
15.08		312	0.0001	-------	10.0	
		5000	0.0013			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.85		1378	0.0003	-------	10.0	
15.95		349576	0.0874	-------	10.0	
16.30		6718	0.0017	-------	10.0	
16.46		1779	0.0004	-------	10.0	
16.77		1938	0.0005	-------	10.0	
16.96		880	0.0002	-------	10.0	
		362268	0.0906			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		7416	0.0019	-------	10.0	
18.35		2480	0.0006	-------	10.0	
19.47		1163	0.0003	-------	10.0	
		11059	0.0028			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.61		5070	0.0013	-------	10.0	
[illegible].69		5426	0.0014	-------	10.0	
[illegible].75		8736	0.0022	-------	10.0	
		19232	0.0048			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.45		16560	0.0041	-------	10.0	
		16560	0.0041			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_055A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-03 Time : 10/7/00 05:15 AM
Sample Number: DLC7JL192 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 04:46 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

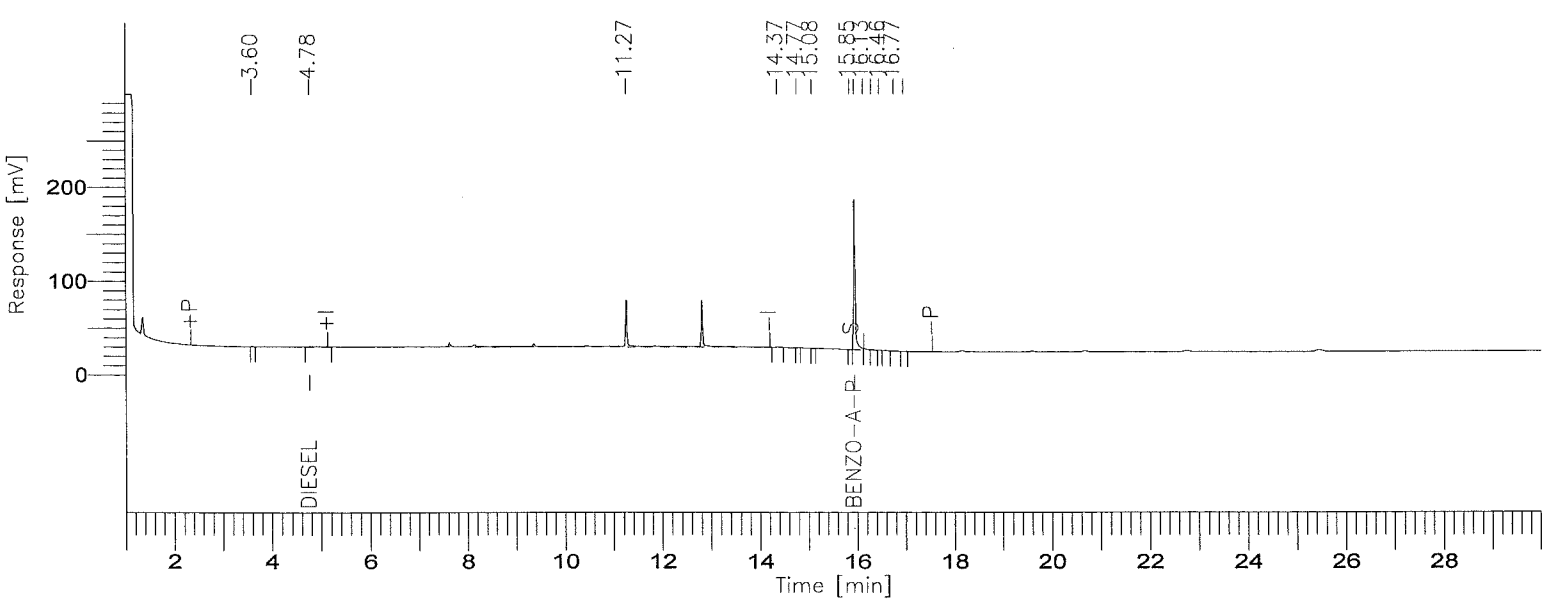
Raw Data File : C:\TC4\DATA_3\O06_055.RAW
Result File : C:\TC4\DATA_3\O06_055.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_055.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 13



001261

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.78	DIESEL	5533	0.1416	-------	10.0	
15.95	BENZO-A-PYRENE	344640	9.6800	77.44	10.0	
		350172	9.8216			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\006_055.TX0

Lot/Sample: E0I290371-004 C-2-10-5 TICs.....: N Report Results: Y
WO#.....: DLC7N-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: 10/07/00
Inject Time..: 5:25 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_056A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:49:06
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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			6.9402	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	10.776	86.212		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-004 C-2-10-5 TICs.....: N Report Results: Y
WO#.....: DLC7N-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 : 371-04 Time : 10/9/00 03:34 PM
Sample Number: DLC7N102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 05:25 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

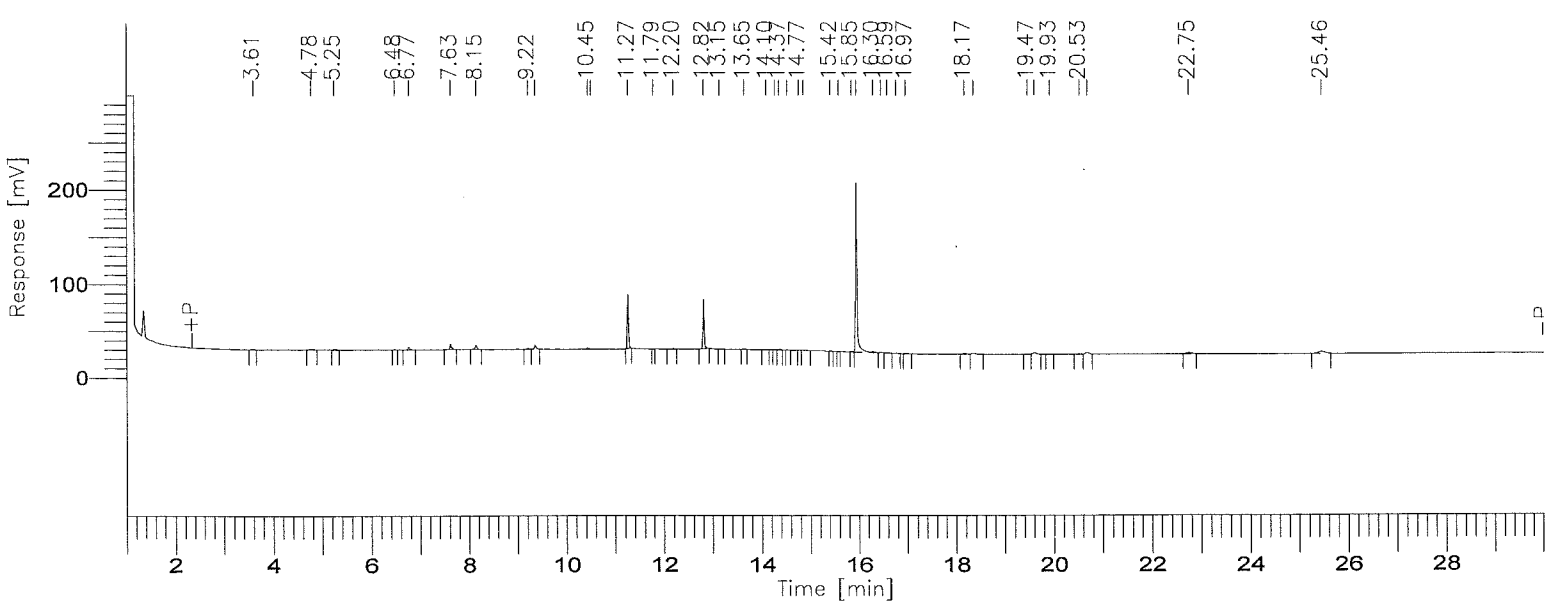
Raw Data File : C:\TC4\DATA_3\O06_056A.RAW
Result File : C:\TC4\DATA_3\O06_056A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_056A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 41



001265

BOE-C6-0159687

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	5016	0.1147	-------	10.0	
6.07	C10-C11	9520	0.2031	-------	10.0	
7.77	C12-C13	23613	0.4746	-------	10.0	
9.18	C14-C15	11910	0.2436	-------	10.0	
10.44	C16-C17	4604	0.0946	-------	10.0	
11.58	C18-C19	103512	2.1272	-------	10.0	
13.05	C20-C23	98431	1.0365	-------	10.0	
14.78	C24-C27	10742	0.1237	-------	10.0	
16.36	C28-C31	409966	5.6566	-------	10.0	
18.35	C32-C35	13283	0.2493	-------	10.0	
21.82	C36-C39	28336	0.6937	-------	10.0	
27.03	C40+	20650	1.2165	-------	10.0	
		739583	12.2341			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.61		854	0.0002	-------	10.0	
4.78		4162	0.0010	-------	10.0	
		5016	0.0013			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		3612	0.0009	-------	10.0	
6.48		367	0.0001	-------	10.0	
6.77		5541	0.0014	-------	10.0	
		9520	0.0024			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].63		11470	0.0029	-------	10.0	
8.15		12143	0.0030	-------	10.0	
		23613	0.0059			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.22		2895	0.0007	-------	10.0	
9.37		9015	0.0023	-------	10.0	
		11910	0.0030			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].45		4155	0.0010	-------	10.0	
10.51		449	0.0001	-------	10.0	
		4604	0.0012			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.27		102875	0.0257	-------	10.0	
11.79		637	0.0002	-------	10.0	
		103512	0.0259			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].20		1994	0.0005	-------	10.0	
12.82		94332	0.0236	-------	10.0	
13.15		759	0.0002	-------	10.0	
13.65		1346	0.0003	-------	10.0	

	98431	0.0246

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.10		1756	0.0004	-------	10.0	
14.28		1051	0.0003	-------	10.0	
14.37		3156	0.0008	-------	10.0	
14.53		526	0.0001	-------	10.0	
14.77		1176	0.0003	-------	10.0	
14.86		2131	0.0005	-------	10.0	
15.42		946	0.0002	-------	10.0	
		10742	0.0027			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible]59		661	0.0002	-------	10.0	
[illegible].85		1524	0.0004	-------	10.0	
15.95		389339	0.0973	-------	10.0	
16.30		8585	0.0021	-------	10.0	
16.46		3735	0.0009	-------	10.0	
16.59		2453	0.0006	-------	10.0	
16.77		2054	0.0005	-------	10.0	
16.97		1614	0.0004	-------	10.0	
		409966	0.1025			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		5804	0.0015	-------	10.0	
18.36		5279	0.0013	-------	10.0	
19.47		2200	0.0005	-------	10.0	
		13283	0.0033			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

19.61	7777	0.0019	-------	10.0
1^ 93	1140	0.0003	-------	10.0
2..53	3653	0.0009	-------	10.0
20.69	6976	0.0017	-------	10.0
22.75	8790	0.0022	-------	10.0
	28336	0.0071		

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.45		20650	0.0052	-------	10.0	
		20650	0.0052			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_056A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-04 Time : 10/7/00 05:54 AM
Sample Number: DLC7N102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 05:25 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

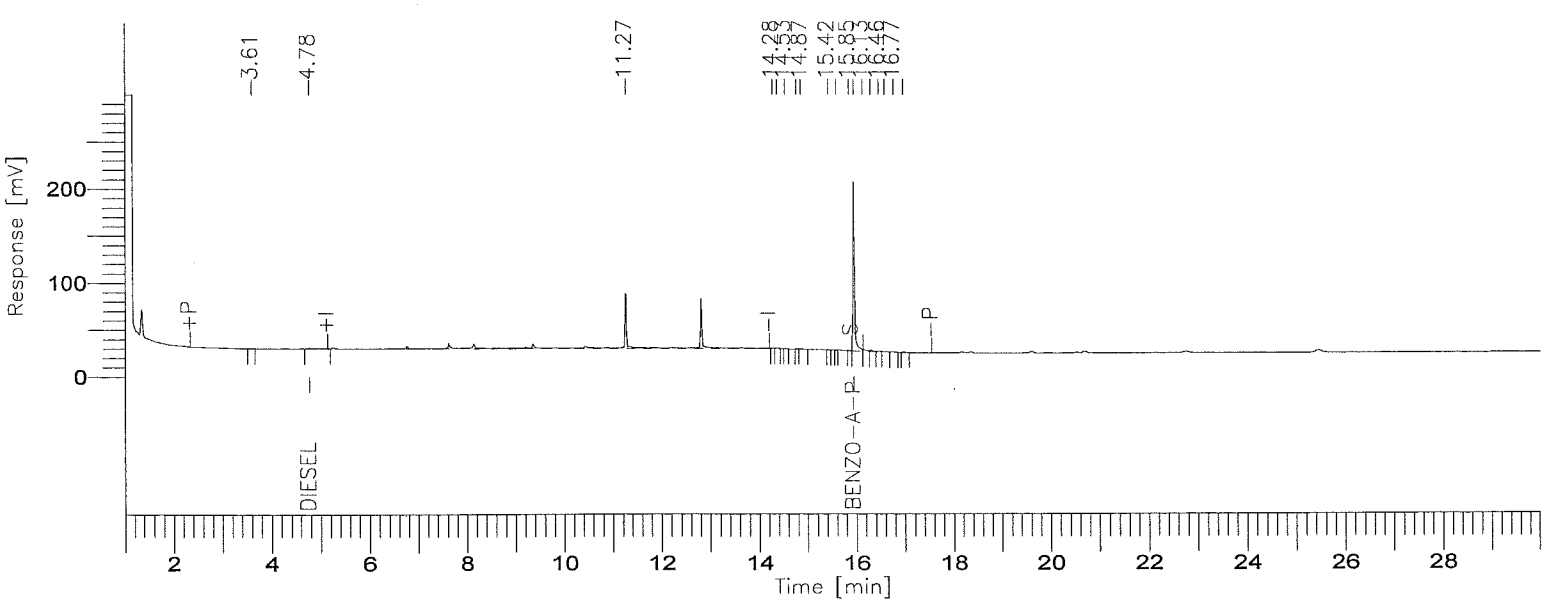
Raw Data File : C:\TC4\DATA_3\O06_056.RAW
Result File : C:\TC4\DATA_3\O06_056.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_056.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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



001270

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.78	DIESEL	6629	0.1697	-------	10.0	
15.95	BENZO-A-PYRENE	383677	10.7765	86.21	10.0	
		390306	10.9461			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\006_056.TX0

Lot/Sample: E0I290371-005 C-2-11-5 TICs.....: N Report Results: Y
WO#.....: DLC7P-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: 10/07/00
Inject Time..: 6:04 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_057A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:49:32
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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	9.0553	72.4424		

Software Version: 4.1<2F12>
Sample Name : 371-05 Time : 10/9/00 03:34 PM
Sample Number: DLC7P102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 06:04 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

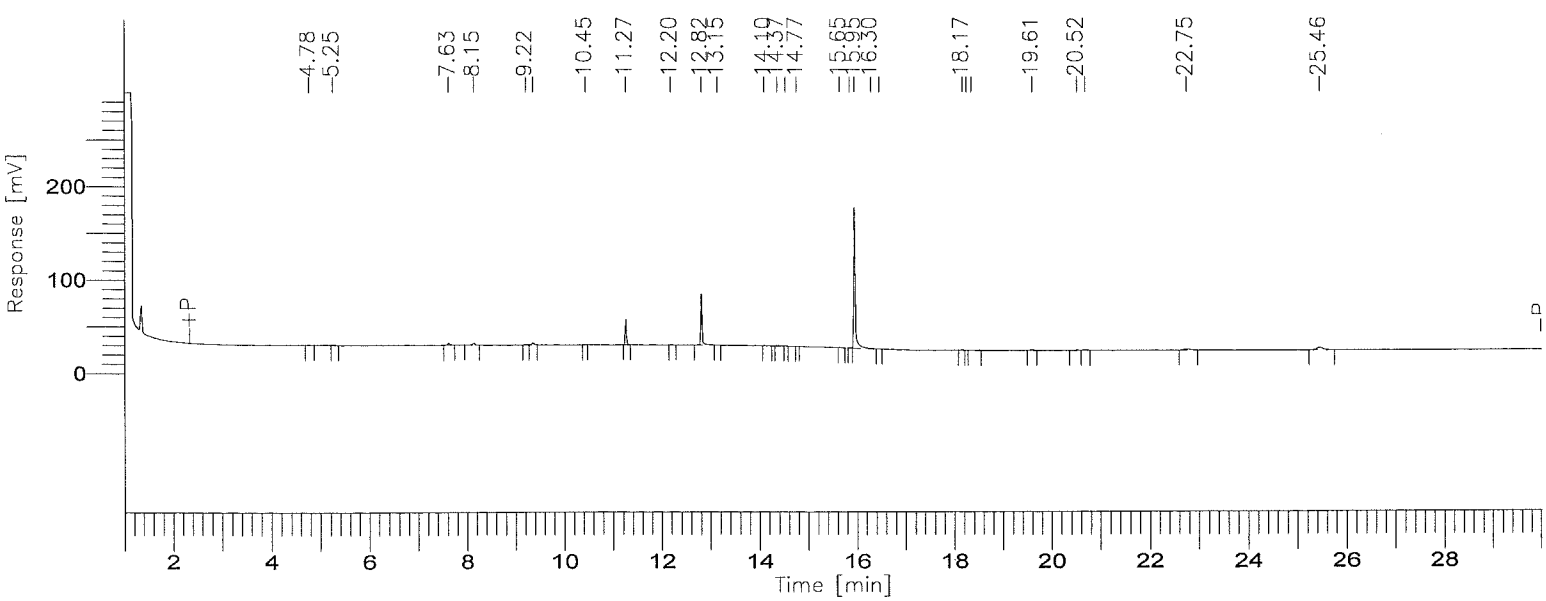
Raw Data File : C:\TC4\DATA_3\O06_057A.RAW
Result File : C:\TC4\DATA_3\O06_057A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_057A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	1702	0.0390	-------	10.0	
6.07	C10-C11	1128	0.0241	-------	10.0	
7.77	C12-C13	12548	0.2522	-------	10.0	
9.18	C14-C15	7495	0.1533	-------	10.0	
10.44	C16-C17	1262	0.0259	-------	10.0	
11.58	C18-C19	47461	0.9753	-------	10.0	
13.05	C20-C23	107841	1.1356	-------	10.0	
14.78	C24-C27	4063	0.0468	-------	10.0	
16.36	C28-C31	335001	4.6223	-------	10.0	
18.35	C32-C35	4817	0.0904	-------	10.0	
21.82	C36-C39	15995	0.3916	-------	10.0	
27.03	C40+	24677	1.4537	-------	10.0	
		563990	9.2101			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.78		1702	0.0004	-------	10.0	
		1702	0.0004			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		1128	0.0003	-------	10.0	
		1128	0.0003			

oup Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

7.63	5116	0.0013	-------	10.0
8.15	7432	0.0019	-------	10.0
	12548	0.0031		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.22		1505	0.0004	-------	10.0	
9.37		5990	0.0015	-------	10.0	
		7495	0.0019			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.45		1262	0.0003	-------	10.0	
		1262	0.0003			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.27		47461	0.0119	-------	10.0	
		47461	0.0119			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.19		679	0.0002	-------	10.0	
12.82		106180	0.0265	-------	10.0	
13.15		982	0.0002	-------	10.0	
		107841	0.0270			

Group Report For : C24-C27

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
1[illegible] 10		914	0.0002	-------	10.0
1[illegible].37		2142	0.0005	-------	10.0
14.53		545	0.0001	-------	10.0
14.77		462	0.0001	-------	10.0
		4063	0.0010		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.65		461	0.0001	-------	10.0	
15.85		1270	0.0003	-------	10.0	
15.95		326840	0.0817	-------	10.0	
16.30		4665	0.0012	-------	10.0	
16.46		1765	0.0004	-------	10.0	
		335001	0.0838			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		2250	0.0006	-------	10.0	
18.25		951	0.0002	-------	10.0	
18.35		1617	0.0004	-------	10.0	
		4817	0.0012			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.60		2337	0.0006	-------	10.0	
20.52		1709	0.0004	-------	10.0	
20.69		2761	0.0007	-------	10.0	
22.75		9188	0.0023	-------	10.0	
		15995	0.0040			

Group Report For : C40+

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
2 46		24677	0.0062	-------	10.0
		24677	0.0062		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_057A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-05 Time : 10/7/00 06:34 AM
Sample Number: DLC7P102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 06:04 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

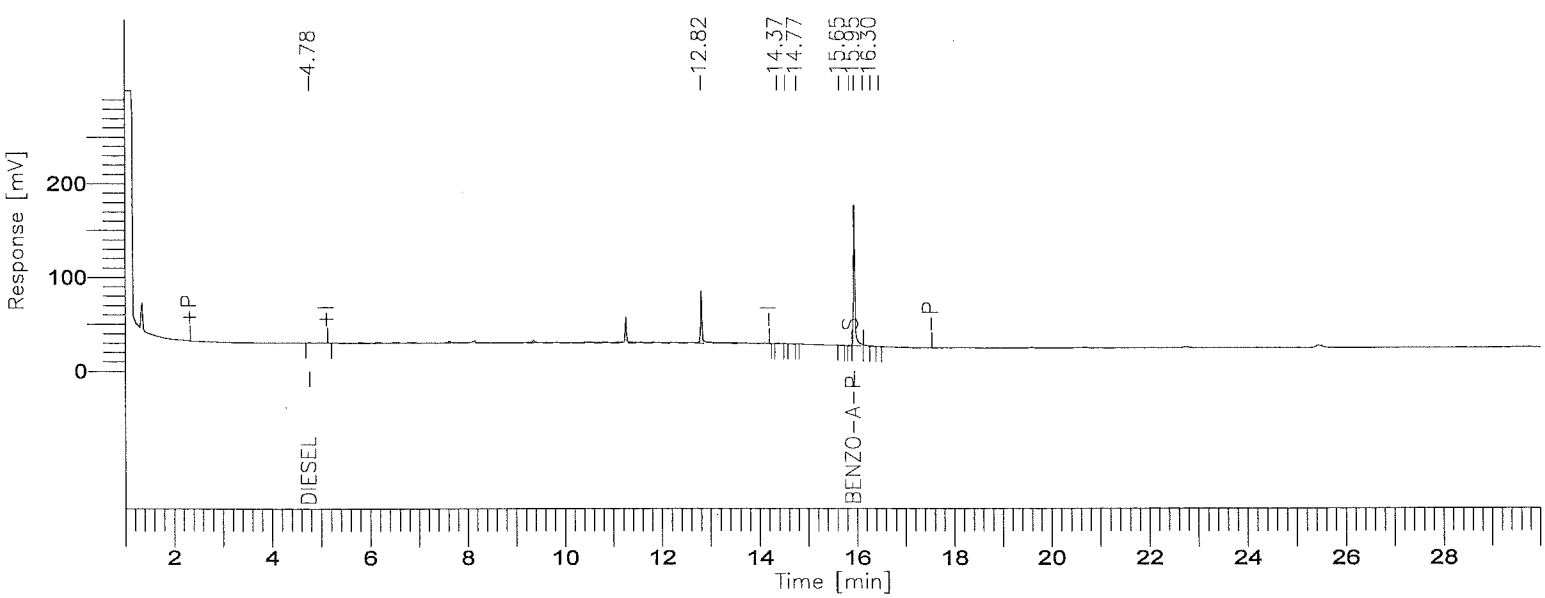
Raw Data File : C:\TC4\DATA_3\O06_057.RAW
Result File : C:\TC4\DATA_3\O06_057.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_057.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 11



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.78	DIESEL	3216	0.0823	-------	10.0	
15.95	BENZO-A-PYRENE	322398	9.0553	72.44	10.0	
		325613	9.1376			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_057.TXO

Lot/Sample: E0I290371-007 C-2-12-3 TICs.....: N Report Results: Y
WO#.....: DLC7R-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: 10/07/00
Inject Time..: 6:44 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_058A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:49:49
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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			8.3124	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	11.482	91.8568		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-007 C-2-12-3 TICs.....: N Report Results: Y
WO#.....: DLC7R-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 : 371-07 Time : 10/9/00 03:34 PM
Sample Number: DLC7R102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 06:44 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

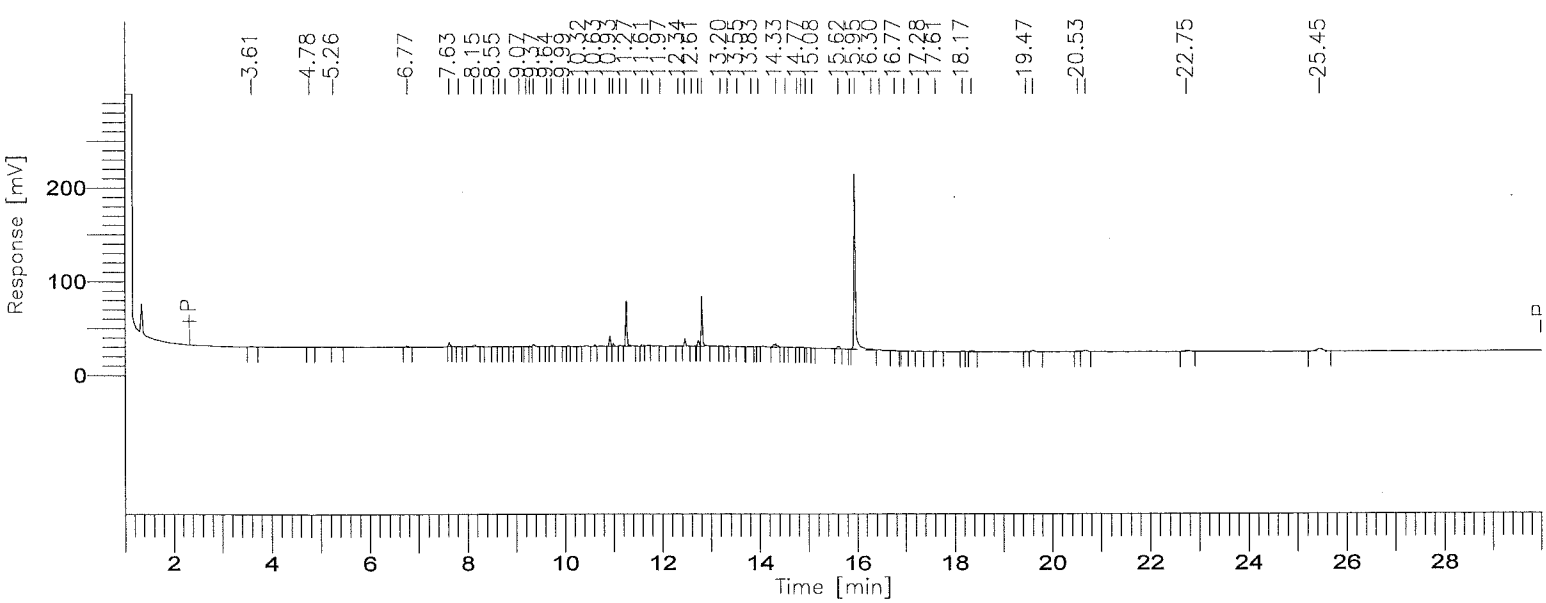
Raw Data File : C:\TC4\DATA_3\O06_058A.RAW
Result File : C:\TC4\DATA_3\O06_058A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_058A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 62



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	4604	0.1053	-------	10.0	
6.07	C10-C11	4572	0.0975	-------	10.0	
7.77	C12-C13	17217	0.3460	-------	10.0	
9.18	C14-C15	18531	0.3791	-------	10.0	
10.44	C16-C17	31667	0.6503	-------	10.0	
11.58	C18-C19	103572	2.1285	-------	10.0	
13.05	C20-C23	142261	1.4981	-------	10.0	
14.78	C24-C27	21768	0.2507	-------	10.0	
16.36	C28-C31	445825	6.1514	-------	10.0	
18.35	C32-C35	14419	0.2706	-------	10.0	
21.82	C36-C39	25019	0.6124	-------	10.0	
27.03	C40+	24837	1.4631	-------	10.0	
		854292	13.9530			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		1096	0.0003	-------	10.0	
4.78		3509	0.0009	-------	10.0	
		4604	0.0012			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		1554	0.0004	-------	10.0	
6.77		3018	0.0008	-------	10.0	
		4572	0.0011			

Group Report For : C12-C13

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
63		8126	0.0020	-------	10.0
,.83		1159	0.0003	-------	10.0
8.15		7309	0.0018	-------	10.0
8.31		623	0.0002	-------	10.0
		17217	0.0043		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.55		1314	0.0003	-------	10.0	
8.65		1647	0.0004	-------	10.0	
8.78		939	0.0002	-------	10.0	
9.07		1938	0.0005	-------	10.0	
9.22		1611	0.0004	-------	10.0	
9.30		2048	0.0005	-------	10.0	
9.37		6093	0.0015	-------	10.0	
9.64		761	0.0002	-------	10.0	
9.73		2180	0.0005	-------	10.0	
		18531	0.0046			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.99		896	0.0002	-------	10.0	
10.08		1008	0.0003	-------	10.0	
10.32		813	0.0002	-------	10.0	
10.45		2516	0.0006	-------	10.0	
10.63		2742	0.0007	-------	10.0	
10.93		18872	0.0047	-------	10.0	
11.00		4821	0.0012	-------	10.0	
		31667	0.0079			

Group Report For : C18-C19

me [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.14		2568	0.0006	-------	10.0	
11.27		92140	0.0230	-------	10.0	
11.61		4699	0.0012	-------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.72		2821	0.0007	-------	10.0	
11.97		1344	0.0003	-------	10.0	
		103572	0.0259			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.34		3208	0.0008	-------	10.0	
12.47		16404	0.0041	-------	10.0	
12.61		1338	0.0003	-------	10.0	
12.74		14912	0.0037	-------	10.0	
12.82		98610	0.0247	-------	10.0	
13.20		2074	0.0005	-------	10.0	
13.34		1253	0.0003	-------	10.0	
13.55		976	0.0002	-------	10.0	
13.83		2628	0.0007	-------	10.0	
13.98		858	0.0002	-------	10.0	
		142261	0.0356			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.33		15865	0.0040	-------	10.0	
14.53		974	0.0002	-------	10.0	
14.77		1750	0.0004	-------	10.0	
14.85		2430	0.0006	-------	10.0	
14.95		301	0.0001	-------	10.0	
15.08		447	0.0001	-------	10.0	
		21768	0.0054			

Group Report For : C28-C31

Time in]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.62		8555	0.0021	-------	10.0	
15.85		1785	0.0004	-------	10.0	
15.95		416953	0.1042	-------	10.0	
16.30		8386	0.0021	-------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
16.46		6123	0.0015	-------	10.0	
16.77		2432	0.0006	-------	10.0	
16.96		1591	0.0004	-------	10.0	
		445825	0.1115			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.28		2192	0.0005	-------	10.0	
17.61		2396	0.0006	-------	10.0	
18.17		2419	0.0006	-------	10.0	
18.36		5266	0.0013	-------	10.0	
19.47		2147	0.0005	-------	10.0	
		14419	0.0036			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.61		7568	0.0019	-------	10.0	
20.53		2209	0.0006	-------	10.0	
20.69		7365	0.0018	-------	10.0	
22.75		7877	0.0020	-------	10.0	
		25019	0.0063			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.45		24837	0.0062	-------	10.0	
		24837	0.0062			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

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STL - LOS ANGELES

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Report stored in ASCII file: C:\TC4\DATA_3\O06_058A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-07 Time : 10/7/00 07:13 AM
Sample Number: DLC7R102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 06:44 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

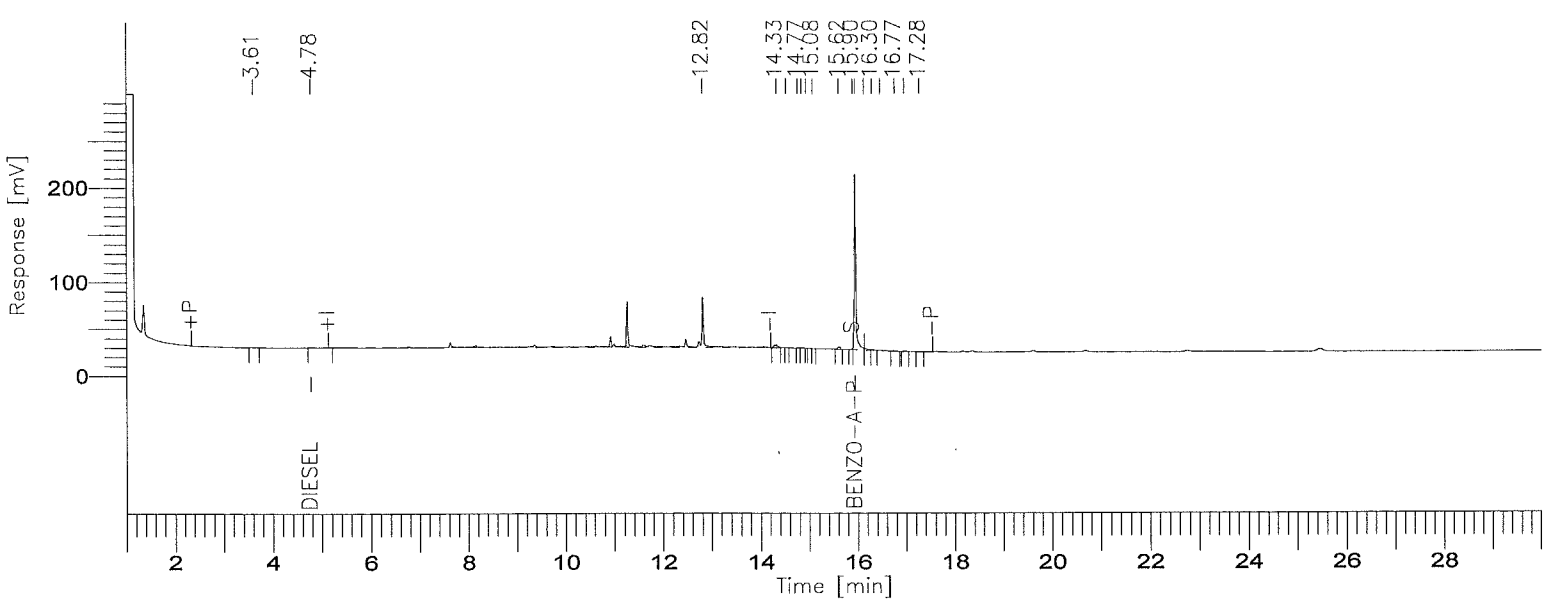
Raw Data File : C:\TC4\DATA_3\006_058.RAW
Result File : C:\TC4\DATA_3\006_058.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\006_058.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\006.SEQ

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



001288

BOE-C6-0159710

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.78	DIESEL	6275	0.1606	-------	10.0	
15.95	BENZO-A-PYRENE	408799	11.4821	91.86	10.0	
		415074	11.6427			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_058.TX0

Lot/Sample: E0I290371-008 C-2-13-5 TICs.....: N Report Results: Y
WO#.....: DLC7T-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: 10/07/00
Inject Time..: 7:23 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_059A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:50:05
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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	10.264	82.1152		

Software Version: 4.1<2F12>
Sample Name : 371-08 Time : 10/9/00 03:34 PM
Sample Number: DLC7T102 Study : ICAL 9/27/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 07:23 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

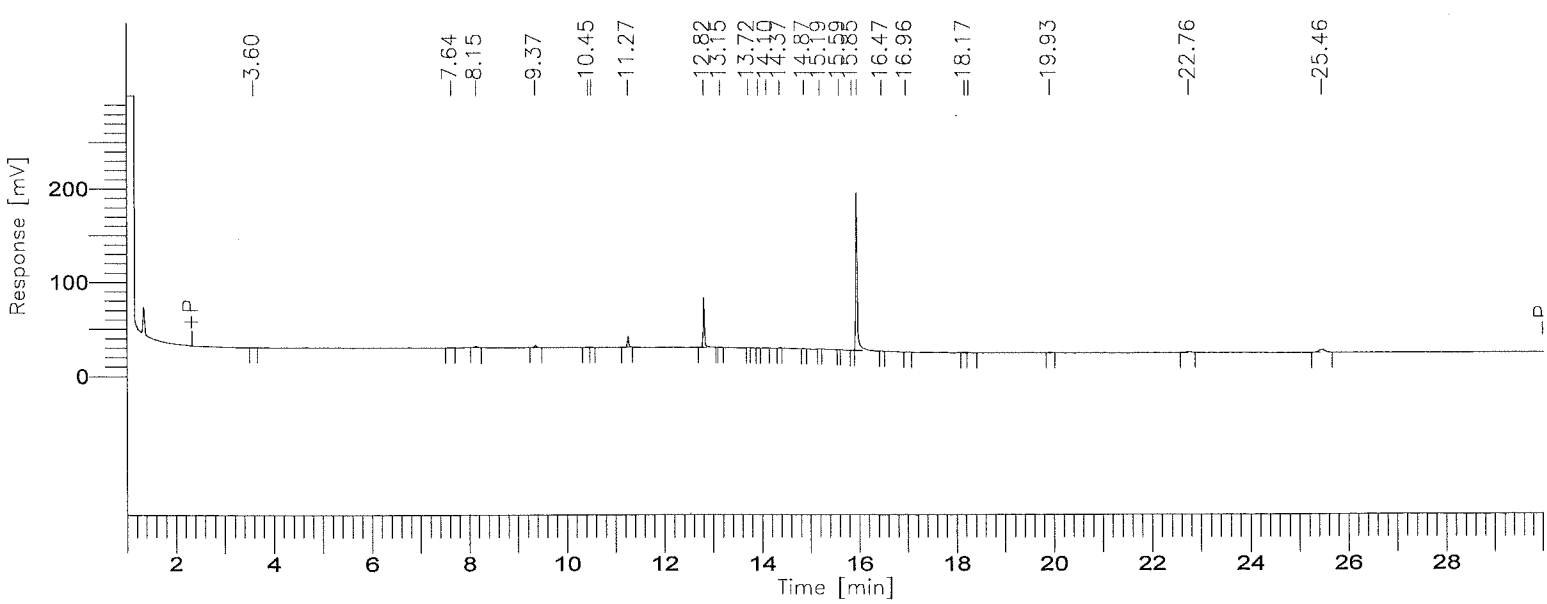
Raw Data File : C:\TC4\DATA_3\O06_059A.RAW
Result File : C:\TC4\DATA_3\O06_059A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_059A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
' 'tiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 25



001291

BOE-C6-0159713

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	730	0.0167	-------	10.0	
6.07	C10-C11	0	0.0000	-------	10.0	
7.77	C12-C13	7743	0.1556	-------	10.0	
9.18	C14-C15	5498	0.1125	-------	10.0	
10.44	C16-C17	1838	0.0378	-------	10.0	
11.58	C18-C19	20938	0.4303	-------	10.0	
13.05	C20-C23	101368	1.0675	-------	10.0	
14.78	C24-C27	7286	0.0839	-------	10.0	
16.36	C28-C31	380198	5.2459	-------	10.0	
18.35	C32-C35	2603	0.0488	-------	10.0	
21.82	C36-C39	9689	0.2372	-------	10.0	
27.03	C40+	26738	1.5751	-------	10.0	
		564632	9.0112			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		730	0.0002	-------	10.0	
		730	0.0002			

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
7.64		1538	0.0004	-------	10.0	
8.15		6205	0.0016	-------	10.0	

	7743	0.0019

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.37		5498	0.0014	-------	10.0	
		5498	0.0014			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.45		1323	0.0003	-------	10.0	
10.51		516	0.0001	-------	10.0	
		1838	0.0005			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.27		20938	0.0052	-------	10.0	
		20938	0.0052			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.82		99858	0.0250	-------	10.0	
13.15		622	0.0002	-------	10.0	
13.72		438	0.0001	-------	10.0	
13.93		450	0.0001	-------	10.0	
		101368	0.0253			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

14.10		1745	0.0004	-------	10.0
14.37		3385	0.0008	-------	10.0
1[illegible] 87		965	0.0002	-------	10.0
1[illegible].19		1192	0.0003	-------	10.0
		7286	0.0018		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.59		654	0.0002	-------	10.0	
15.85		1503	0.0004	-------	10.0	
15.95		375269	0.0938	-------	10.0	
16.47		1748	0.0004	-------	10.0	
16.96		1024	0.0003	-------	10.0	
		380198	0.0950			

Group Report For : C32-C35

[illegible]me [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		1360	0.0003	-------	10.0	
18.25		1243	0.0003	-------	10.0	
		2603	0.0007			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.93		2176	0.0005	-------	10.0	
22.75		7513	0.0019	-------	10.0	
		9689	0.0024			

Group Report For : C40+

[illegible]me [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.46		26738	0.0067	-------	10.0	
		26738	0.0067			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_059A.TXO

Software Version: 4.1<2F12>
Sample Name : 371-08 Time : 10/7/00 07:52 AM
Sample Number: DLC7T102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 07:23 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

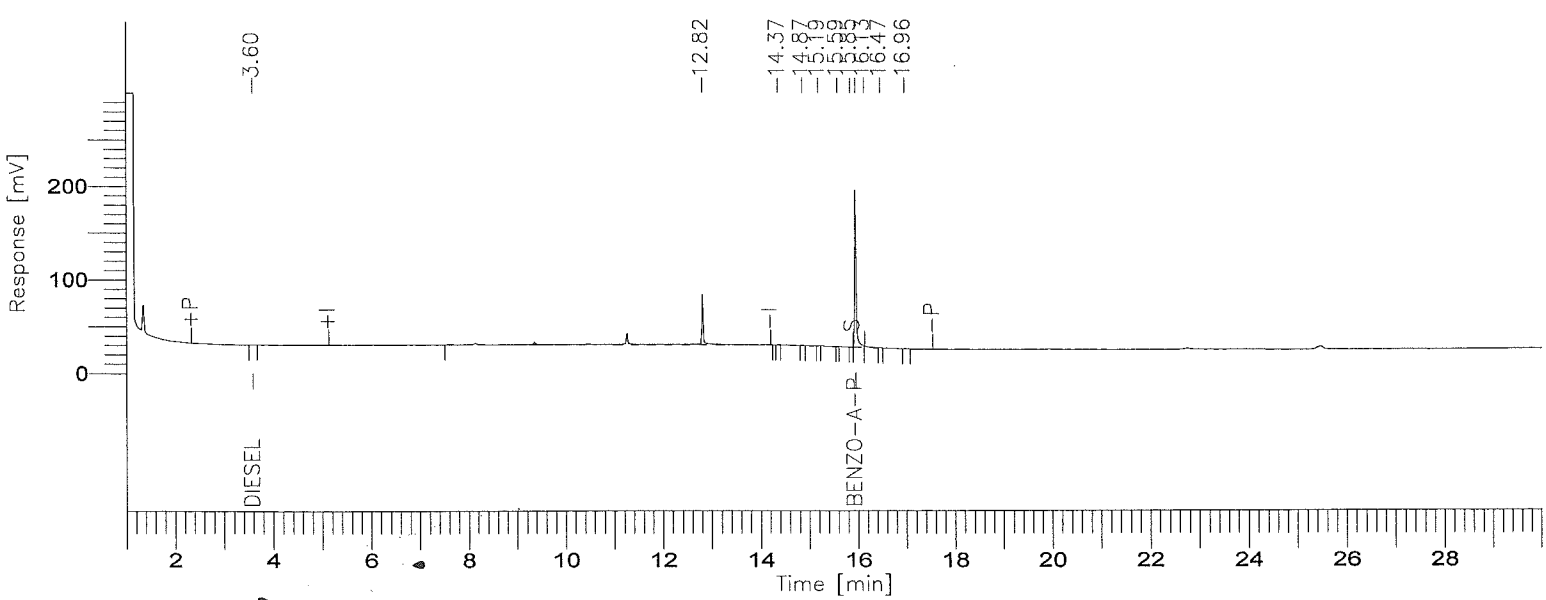
Raw Data File : C:\TC4\DATA_3\O06_059.RAW
Result File : C:\TC4\DATA_3\O06_059.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_059.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 11



001296

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60	DIESEL	730	0.0187	-------	10.0	
15.95	BENZO-A-PYRENE	365444	10.2644	82.11	10.0	
		366174	10.2830			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\006_059.TX0

Lot/Sample: E0I290371-010 C-2-14-5 TICs.....: N Report Results: Y
WO#.....: DLC7W-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: 10/07/00
Inject Time..: 8:02 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_060A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:50:18
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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			6.8859	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	9.1831	73.4648		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-010 C-2-14-5 TICs.....: N Report Results: Y
WO#.....: DLC7W-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 : 371-10 Time : 10/9/00 03:35 PM
Sample Number: DLC7W102 Study : ICAL 9/27/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 08:02 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

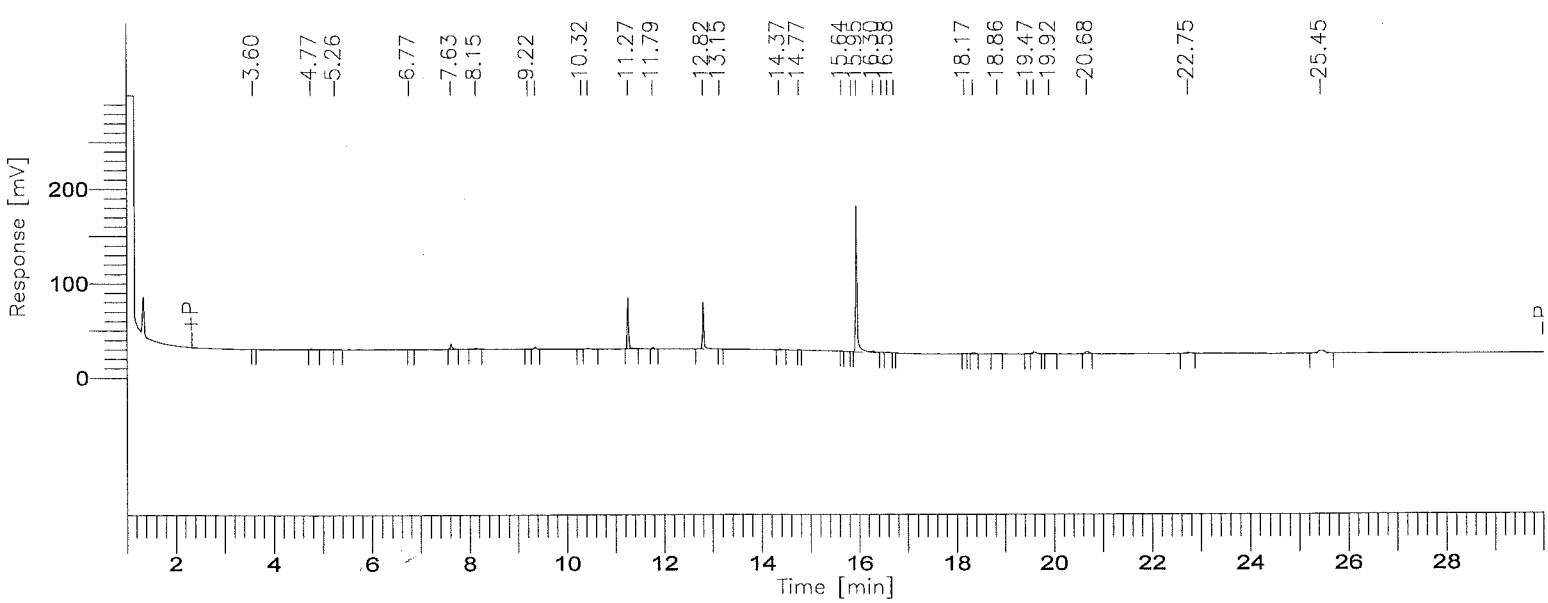
Raw Data File : C:\TC4\DATA_3\O06_060A.RAW
Result File : C:\TC4\DATA_3\O06_060A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_060A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
' 'tiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 32



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	5906	0.1351	-------	10.0	
6.07	C10-C11	1602	0.0342	-------	10.0	
7.77	C12-C13	18576	0.3734	-------	10.0	
9.18	C14-C15	6797	0.1390	-------	10.0	
10.44	C16-C17	2950	0.0606	-------	10.0	
11.58	C18-C19	107697	2.2132	-------	10.0	
13.05	C20-C23	94992	1.0003	-------	10.0	
14.78	C24-C27	4567	0.0526	-------	10.0	
16.36	C28-C31	345302	4.7644	-------	10.0	
18.35	C32-C35	11466	0.2152	-------	10.0	
21.82	C36-C39	31881	0.7804	-------	10.0	
27.03	C40+	27648	1.6287	-------	10.0	
		659384	11.3971			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		678	0.0002	-------	10.0	
4.77		5228	0.0013	-------	10.0	
		5906	0.0015			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.26		964	0.0002	-------	10.0	
6.77		639	0.0002	-------	10.0	
		1602	0.0004			

Group Report For : C12-C13

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
[illegible] 63		12617	0.0032	-------	10.0
[illegible].15		5959	0.0015	-------	10.0
		18576	0.0046		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.22		1548	0.0004	-------	10.0	
9.37		5249	0.0013	-------	10.0	
		6797	0.0017			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].32		859	0.0002	-------	10.0	
[illegible].45		2091	0.0005	-------	10.0	
		2950	0.0007			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.27		104694	0.0262	-------	10.0	
11.78		3004	0.0008	-------	10.0	
		107697	0.0269			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].82		94268	0.0236	-------	10.0	
[illegible].15		724	0.0002	-------	10.0	
		94992	0.0237			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.37		2817	0.0007	-------	10.0	
14.77		1750	0.0004	-------	10.0	
		4567	0.0011			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.64		410	0.0001	-------	10.0	
15.85		1320	0.0003	-------	10.0	
15.95		331619	0.0829	-------	10.0	
16.30		7016	0.0018	-------	10.0	
16.46		2323	0.0006	-------	10.0	
16.58		2123	0.0005	-------	10.0	
16.72		491	0.0001	-------	10.0	
		345302	0.0863			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		1963	0.0005	-------	10.0	
18.35		5115	0.0013	-------	10.0	
18.86		1965	0.0005	-------	10.0	
19.46		2423	0.0006	-------	10.0	
		11466	0.0029			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.61		10722	0.0027	-------	10.0	
.92		2684	0.0007	-------	10.0	
20.68		11359	0.0028	-------	10.0	
22.75		7116	0.0018	-------	10.0	
		31881	0.0080			

Group Report For : C40+

T e [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.45		27648	0.0069	-------	10.0	
		27648	0.0069			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_060A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-10 Time : 10/7/00 08:32 AM
Sample Number: DLC7W102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 08:02 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

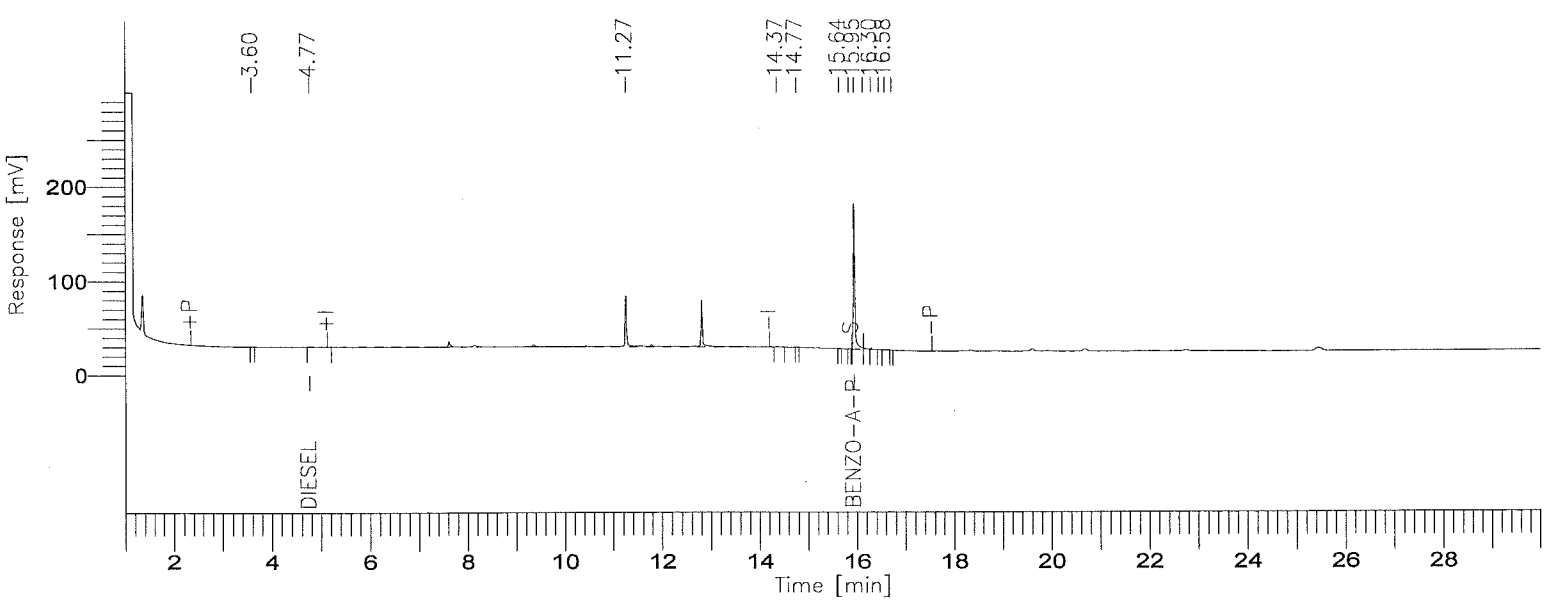
Raw Data File : C:\TC4\DATA_3\O06_060.RAW
Result File : C:\TC4\DATA_3\O06_060.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_060.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 13



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.77	DIESEL	7108	0.1819	-------	10.0	
15.95	BENZO-A-PYRENE	326949	9.1831	73.47	10.0	
		334057	9.3651			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_060.TXO

Lot/Sample: E0I290371-011 C-2-14-10 TICs.....: N Report Results: Y
WO#.....: DLC7X-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: 10/07/00
Inject Time..: 8:42 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_061A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:50:32
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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			6.2728	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	8.9384	71.5072		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-011 C-2-14-10 TICs.....: N Report Results: Y
WO#.....: DLC7X-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 : 371-11 Time : 10/9/00 03:35 PM
Sample Number: DLC7X102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 08:42 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

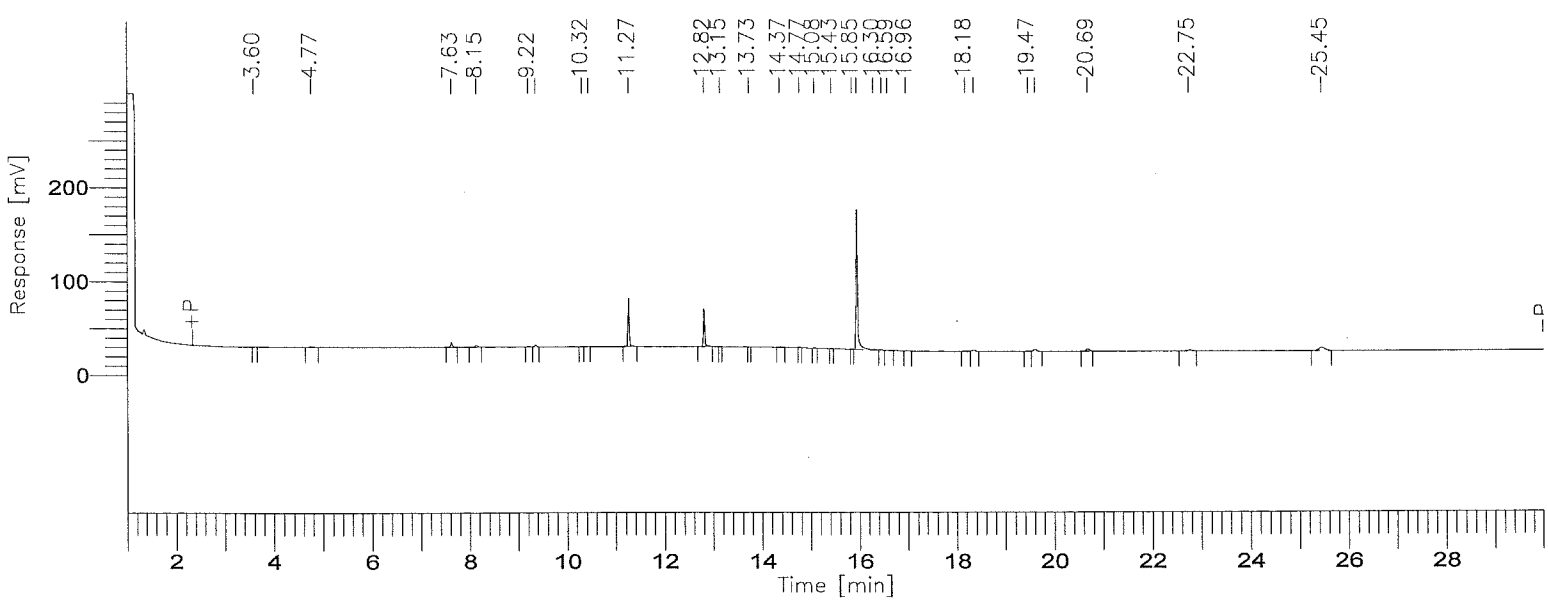
Raw Data File : C:\TC4\DATA_3\O06_061A.RAW
Result File : C:\TC4\DATA_3\O06_061A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_061A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 29



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	5028	0.1150	-------	10.0	
6.07	C10-C11	0	0.0000	-------	10.0	
7.77	C12-C13	16894	0.3395	-------	10.0	
9.18	C14-C15	7302	0.1494	-------	10.0	
10.44	C16-C17	1735	0.0356	-------	10.0	
11.58	C18-C19	94813	1.9484	-------	10.0	
13.05	C20-C23	75947	0.7998	-------	10.0	
14.78	C24-C27	4864	0.0560	-------	10.0	
16.36	C28-C31	335382	4.6275	-------	10.0	
18.35	C32-C35	12349	0.2317	-------	10.0	
21.82	C36-C39	28496	0.6976	-------	10.0	
27.03	C40+	28232	1.6631	-------	10.0	
		611043	10.6638			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		659	0.0002	-------	10.0	
4.77		4369	0.0011	-------	10.0	
		5028	0.0013			

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
7.63		10830	0.0027	-------	10.0	
8.15		6064	0.0015	-------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
		16894	0.0042			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.22		2238	0.0006	-------	10.0	
9.37		5065	0.0013	-------	10.0	
		7302	0.0018			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.32		583	0.0001	-------	10.0	
[illegible] 45		1152	0.0003	-------	10.0	
		1735	0.0004			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.27		94813	0.0237	-------	10.0	
		94813	0.0237			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.82		75162	0.0188	-------	10.0	
13.15		479	0.0001	-------	10.0	
[illegible].73		306	0.0001	-------	10.0	
		75947	0.0190			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
1..37		2194	0.0005	-------	10.0	
14.77		1664	0.0004	-------	10.0	
15.08		551	0.0001	-------	10.0	
15.43		454	0.0001	-------	10.0	
		4864	0.0012			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.85		1264	0.0003	-------	10.0	
15.95		322713	0.0807	-------	10.0	
16.30		5844	0.0015	-------	10.0	
16.46		2429	0.0006	-------	10.0	
16.59		2254	0.0006	-------	10.0	
16.96		878	0.0002	-------	10.0	
		335382	0.0838			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.18		3984	0.0010	-------	10.0	
18.35		5793	0.0014	-------	10.0	
19.47		2572	0.0006	-------	10.0	
		12349	0.0031			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.61		10031	0.0025	-------	10.0	
20.69		11324	0.0028	-------	10.0	
22.75		7142	0.0018	-------	10.0	
		28496	0.0071			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2[illegible].45		28232	0.0071	-------	10.0	
		28232	0.0071			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_061A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-11 Time : 10/7/00 09:11 AM
Sample Number: DLC7X102 Study : ICAL 9/27/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 08:42 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

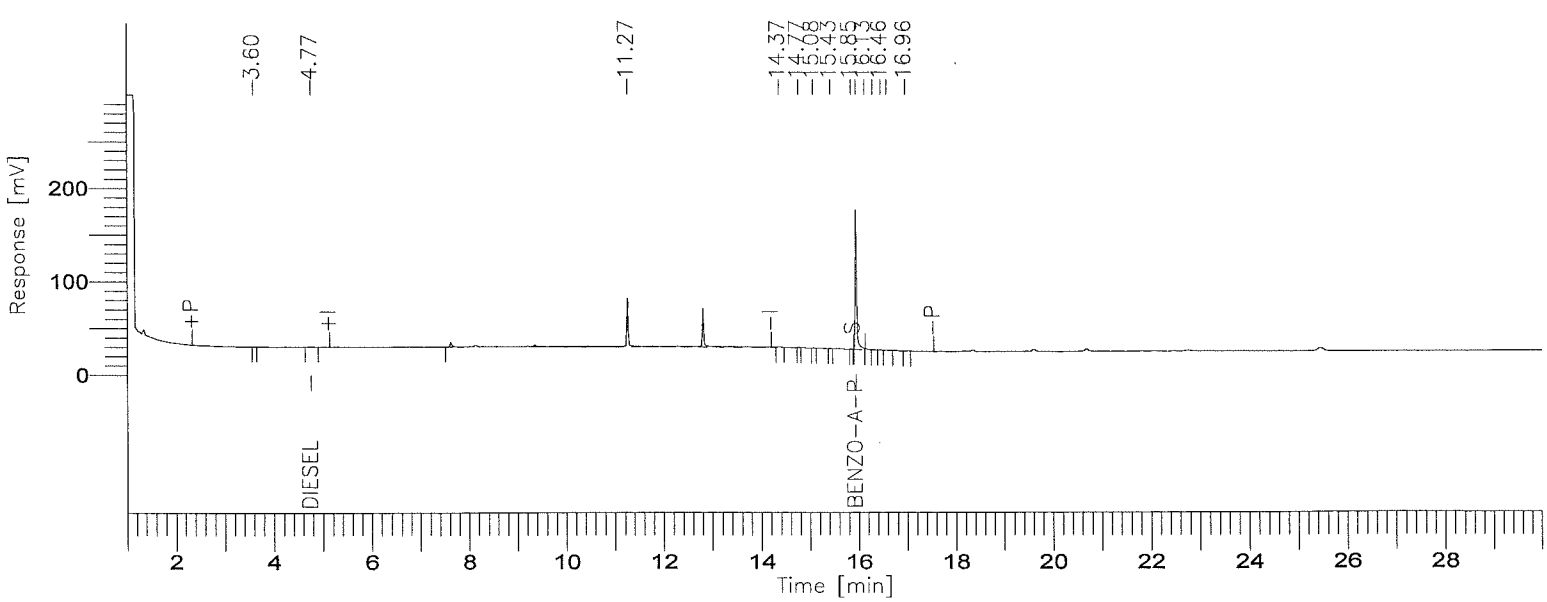
Raw Data File : C:\TC4\DATA_3\O06_061.RAW
Result File : C:\TC4\DATA_3\O06_061.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_061.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
' 'tiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 14



001314

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.77	DIESEL	4369	0.1118	-------	10.0	
15.95	BENZO-A-PYRENE	318236	8.9384	71.51	10.0	
		322605	9.0502			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_061.TX0

Lot/Sample: E0I290371-012 C-2-14-15 TICs.....: N Report Results: Y
WO#.....: DLC80-1-02 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: 10/07/00
Inject Time..: 9:21 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_062A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:51:01
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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	9.9968	79.9744		

Software Version: 4.1<2F12>
Sample Name : 371-12 Time : 10/9/00 03:35 PM
Sample Number: DLC80102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 09:21 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

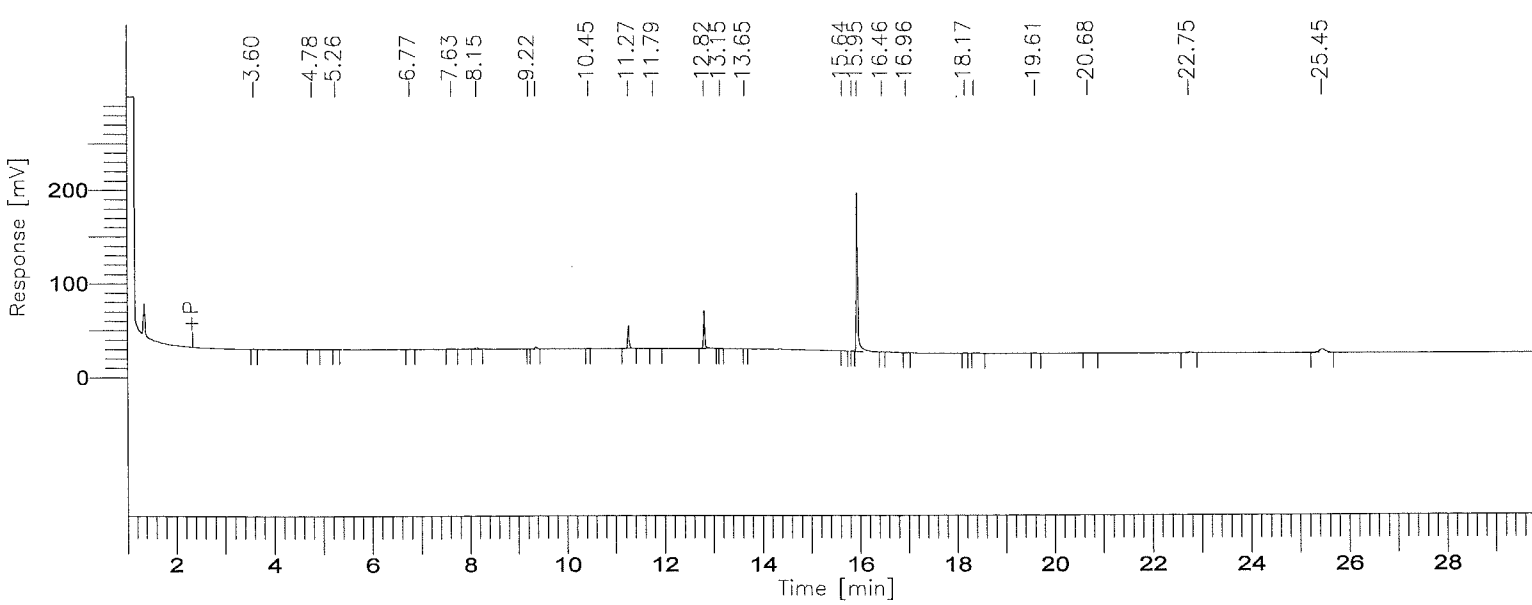
Raw Data File : C:\TC4\DATA_3\006_062A.RAW
Result File : C:\TC4\DATA_3\006_062A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\006_062A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\006.SEQ

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



001317

BOE-C6-0159739

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	1948	0.0446	-------	10.0	
6.07	C10-C11	2040	0.0435	-------	10.0	
7.77	C12-C13	9985	0.2007	-------	10.0	
9.18	C14-C15	6007	0.1229	-------	10.0	
10.44	C16-C17	1118	0.0230	-------	10.0	
11.58	C18-C19	49353	1.0142	-------	10.0	
13.05	C20-C23	78326	0.8248	-------	10.0	
14.78	C24-C27	0	0.0000	-------	10.0	
16.36	C28-C31	369954	5.1045	-------	10.0	
18.35	C32-C35	1538	0.0289	-------	10.0	
21.82	C36-C39	10378	0.2541	-------	10.0	
27.03	C40+	30124	1.7745	-------	10.0	
		560771	9.4356			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		716	0.0002	-------	10.0	
4.78		1232	0.0003	-------	10.0	
		1948	0.0005			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.26		1097	0.0003	-------	10.0	
6.77		942	0.0002	-------	10.0	
		2040	0.0005			

Group Report For : C12-C13

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
[illegible] 63		3969	0.0010	-------	10.0
[illegible].15		6016	0.0015	-------	10.0
		9985	0.0025		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.22		940	0.0002	-------	10.0	
9.37		5066	0.0013	-------	10.0	
		6007	0.0015			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible] 45		1118	0.0003	-------	10.0	
		1118	0.0003			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.27		47975	0.0120	-------	10.0	
11.78		1378	0.0003	-------	10.0	
		49353	0.0123			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.82		77552	0.0194	-------	10.0	
[illegible].15		486	0.0001	-------	10.0	
[illegible].65		288	0.0001	-------	10.0	
		78326	0.0196			

Group Report For : C24-C27

N peaks available to report

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.64		409	0.0001	-------	10.0	
15.85		1324	0.0003	-------	10.0	
15.95		365216	0.0913	-------	10.0	
16.46		2053	0.0005	-------	10.0	
16.96		952	0.0002	-------	10.0	
		369954	0.0925			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		1000	0.0003	-------	10.0	
18.36		538	0.0001	-------	10.0	
		1538	0.0004			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.61		1232	0.0003	-------	10.0	
20.68		2610	0.0007	-------	10.0	
22.75		6536	0.0016	-------	10.0	
		10378	0.0026			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.45		30124	0.0075	-------	10.0	
		30124	0.0075			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_062A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-12 Time : 10/7/00 09:50 AM
Sample Number: DLC80102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 09:21 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

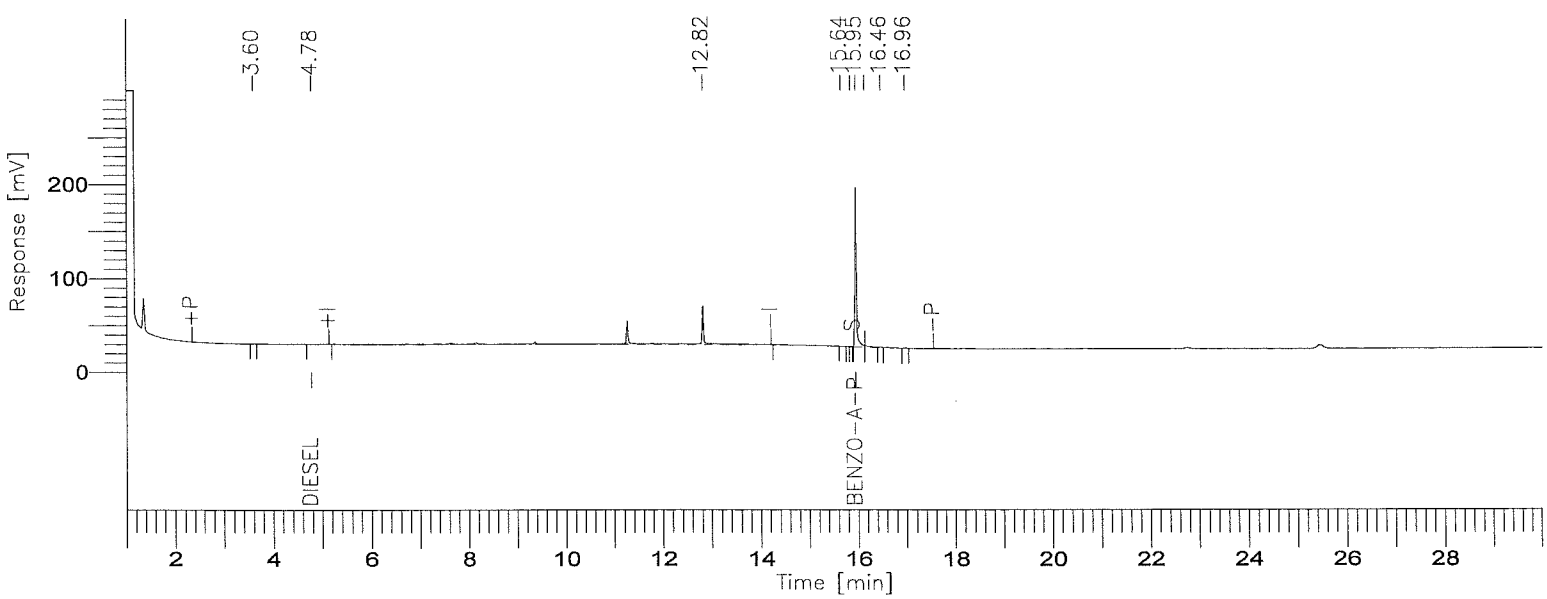
Raw Data File : C:\TC4\DATA_3\006_062.RAW
Result File : C:\TC4\DATA_3\006_062.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\006_062.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\006.SEQ

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)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.78	DIESEL	2100	0.0538	-------	10.0	
15.95	BENZO-A-PYRENE	355919	9.9968	79.97	10.0	
		358019	10.0506			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_062.TXO

Lot/Sample: E0I290371-013 C-2-15-1 TICs.....: N Report Results: Y
WO#.....: DLC81-1-02 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: 10/07/00
Inject Time..: 10:00 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_063A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:51:11
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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			6.8930	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	8.3493	66.7944		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-013 C-2-15-1 TICs.....: N Report Results: Y
WO#.....: DLC81-1-02 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 : 371-13 Time : 10/9/00 03:35 PM
Sample Number: DLC81102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 10:00 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

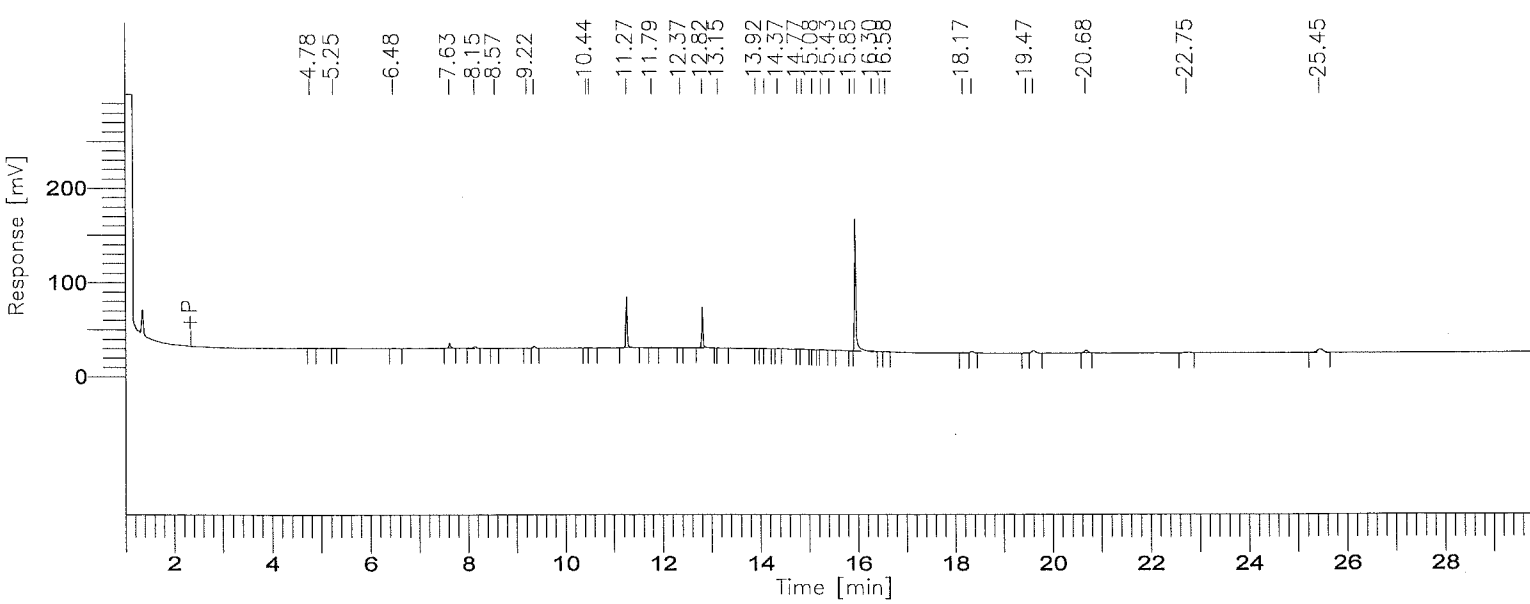
Raw Data File : C:\TC4\DATA_3\006_063A.RAW
Result File : C:\TC4\DATA_3\006_063A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\006_063A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\006.SEQ

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



001326

BOE-C6-0159748

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	3792	0.0868	-------	10.0	
6.07	C10-C11	1334	0.0285	-------	10.0	
7.77	C12-C13	17895	0.3597	-------	10.0	
9.18	C14-C15	6789	0.1389	-------	10.0	
10.44	C16-C17	1935	0.0397	-------	10.0	
11.58	C18-C19	103696	2.1310	-------	10.0	
13.05	C20-C23	82874	0.8727	-------	10.0	
14.78	C24-C27	10162	0.1170	-------	10.0	
16.36	C28-C31	311149	4.2932	-------	10.0	
18.35	C32-C35	13573	0.2547	-------	10.0	
21.82	C36-C39	33507	0.8202	-------	10.0	
27.03	C40+	31443	1.8522	-------	10.0	
		618150	10.9946			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.78		3792	0.0009	-------	10.0	
		3792	0.0009			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		645	0.0002	-------	10.0	
6.48		690	0.0002	-------	10.0	
		1334	0.0003			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

7.63	11850	0.0030	-------	10.0
15	6045	0.0015	-------	10.0
	17895	0.0045		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.57		536	0.0001	-------	10.0	
9.22		1077	0.0003	-------	10.0	
9.37		5176	0.0013	-------	10.0	
		6789	0.0017			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
44		1298	0.0003	-------	10.0	
.51		637	0.0002	-------	10.0	
		1935	0.0005			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.27		102543	0.0256	-------	10.0	
11.78		1153	0.0003	-------	10.0	
		103696	0.0259			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.37		452	0.0001	-------	10.0	
.82		81294	0.0203	-------	10.0	
13.15		792	0.0002	-------	10.0	
13.92		336	0.0001	-------	10.0	
		82874	0.0207			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.10		1417	0.0004	-------	10.0	
14.37		1886	0.0005	-------	10.0	
14.77		2122	0.0005	-------	10.0	
14.86		1626	0.0004	-------	10.0	
15.08		457	0.0001	-------	10.0	
15.25		2048	0.0005	-------	10.0	
15.43		606	0.0002	-------	10.0	
		10162	0.0025			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.85		1256	0.0003	-------	10.0	
15.95		301257	0.0753	-------	10.0	
16.30		5033	0.0013	-------	10.0	
[illegible].46		1910	0.0005	-------	10.0	
[illegible].58		1693	0.0004	-------	10.0	
		311149	0.0778			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		4190	0.0010	-------	10.0	
18.35		6250	0.0016	-------	10.0	
19.47		3133	0.0008	-------	10.0	
		13573	0.0034			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].61		13310	0.0033	-------	10.0	
20.68		13537	0.0034	-------	10.0	
22.75		6660	0.0017	-------	10.0	
		33507	0.0084			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.45		31443	0.0079	-------	10.0	
		31443	0.0079			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_063A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-13 Time : 10/7/00 10:30 AM
Sample Number: DLC81102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 10:00 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

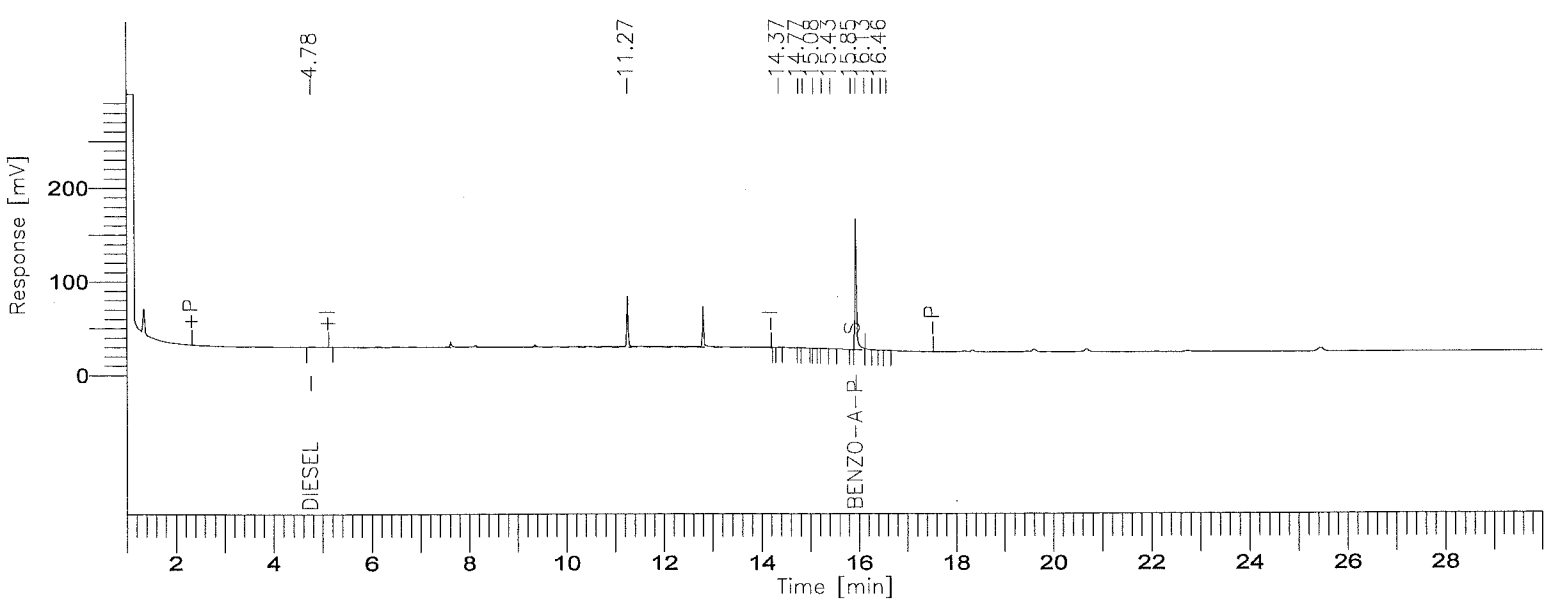
Raw Data File : C:\TC4\DATA_3\006_063.RAW
Result File : C:\TC4\DATA_3\006_063.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\006_063.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\006.SEQ

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: 14



001331

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.78	DIESEL	5220	0.1336	-------	10.0	
15.95	BENZO-A-PYRENE	297262	8.3493	66.79	10.0	
		302482	8.4829			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_063.TXO

Lot/Sample: E0I290371-014 C-2-15-5 TICs.....: N Report Results: Y
WO#.....: DLC82-1-02 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: 10/07/00
Inject Time..: 11:58 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_066A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:51:26
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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			5.7309	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	10.999	87.992		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-014 C-2-15-5 TICs.....: N Report Results: Y
WO#.....: DLC82-1-02 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 : 371-14 Time : 10/9/00 03:36 PM
Sample Number: DLC82102 Study : ICAL 9/27/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 11:58 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

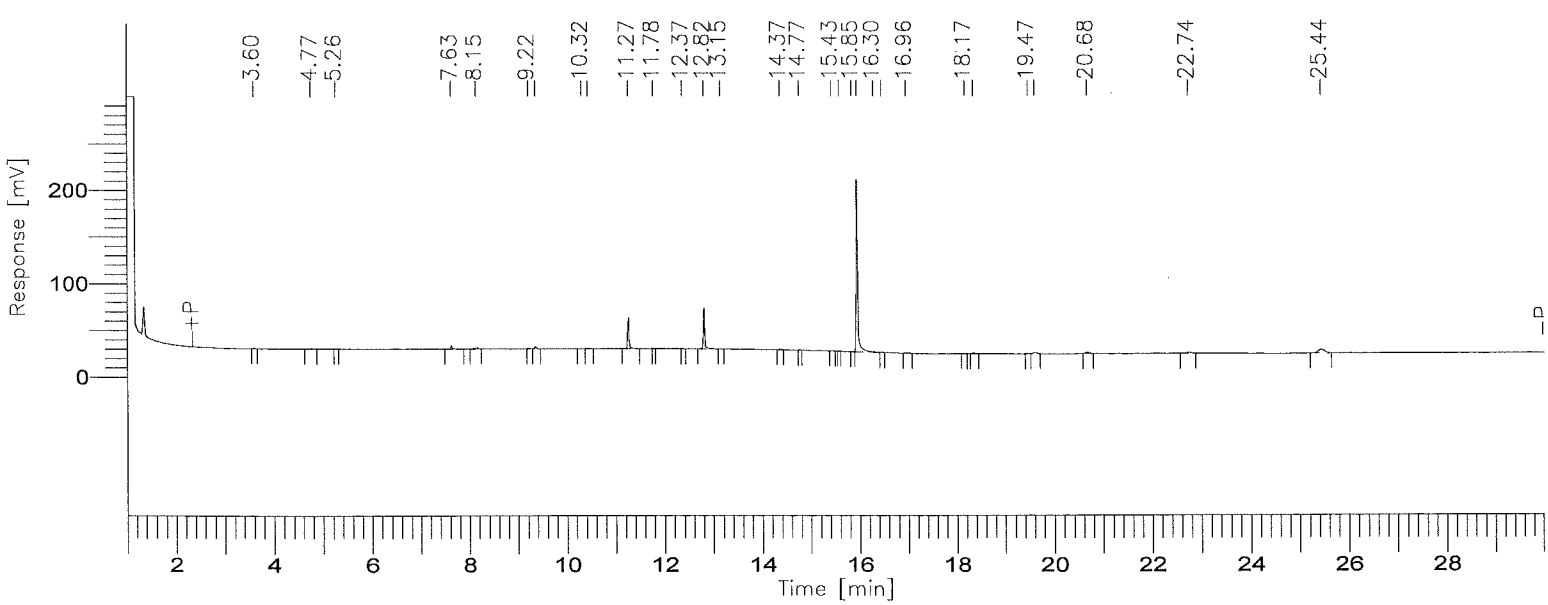
Raw Data File : C:\TC4\DATA_3\O06_066A.RAW
Result File : C:\TC4\DATA_3\O06_066A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_066A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
' tiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 30



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	3312	0.0758	-------	10.0	
6.07	C10-C11	636	0.0136	-------	10.0	
7.77	C12-C13	13370	0.2687	-------	10.0	
9.18	C14-C15	6904	0.1412	-------	10.0	
10.44	C16-C17	1789	0.0367	-------	10.0	
11.58	C18-C19	65979	1.3559	-------	10.0	
13.05	C20-C23	85056	0.8957	-------	10.0	
14.78	C24-C27	4516	0.0520	-------	10.0	
16.36	C28-C31	408398	5.6350	-------	10.0	
18.35	C32-C35	6228	0.1169	-------	10.0	
21.82	C36-C39	20401	0.4994	-------	10.0	
27.03	C40+	34685	2.0432	-------	10.0	
		651276	11.1341			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		728	0.0002	-------	10.0	
4.77		2585	0.0006	-------	10.0	
		3312	0.0008			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.26		636	0.0002	-------	10.0	
		636	0.0002			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

7.63		7750	0.0019	-------	10.0
15		5620	0.0014	-------	10.0
		13370	0.0033		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.22		1941	0.0005	-------	10.0	
9.37		4963	0.0012	-------	10.0	
		6904	0.0017			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.32		464	0.0001	-------	10.0	
44		1325	0.0003	-------	10.0	
		1789	0.0004			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		65414	0.0164	-------	10.0	
11.78		565	0.0001	-------	10.0	
		65979	0.0165			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.37		361	0.0001	-------	10.0	
.82		83914	0.0210	-------	10.0	
.15		781	0.0002	-------	10.0	
		85056	0.0213			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.37		2999	0.0007	-------	10.0	
14.77		970	0.0002	-------	10.0	
15.43		547	0.0001	-------	10.0	
		4516	0.0011			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.59		718	0.0002	-------	10.0	
15.85		1550	0.0004	-------	10.0	
15.95		397080	0.0993	-------	10.0	
16.29		5530	0.0014	-------	10.0	
16.46		2101	0.0005	-------	10.0	
16.96		1418	0.0004	-------	10.0	
		408398	0.1021			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		1194	0.0003	-------	10.0	
18.35		3459	0.0009	-------	10.0	
19.47		1576	0.0004	-------	10.0	
		6228	0.0016			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.60		6551	0.0016	-------	10.0	
20.68		7058	0.0018	-------	10.0	
[illegible].74		6792	0.0017	-------	10.0	
		20401	0.0051			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
20.44		34685	0.0087	-------	10.0	
		34685	0.0087			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_066A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-14 Time : 10/7/00 12:28 PM
Sample Number: DLC82102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 11:58 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

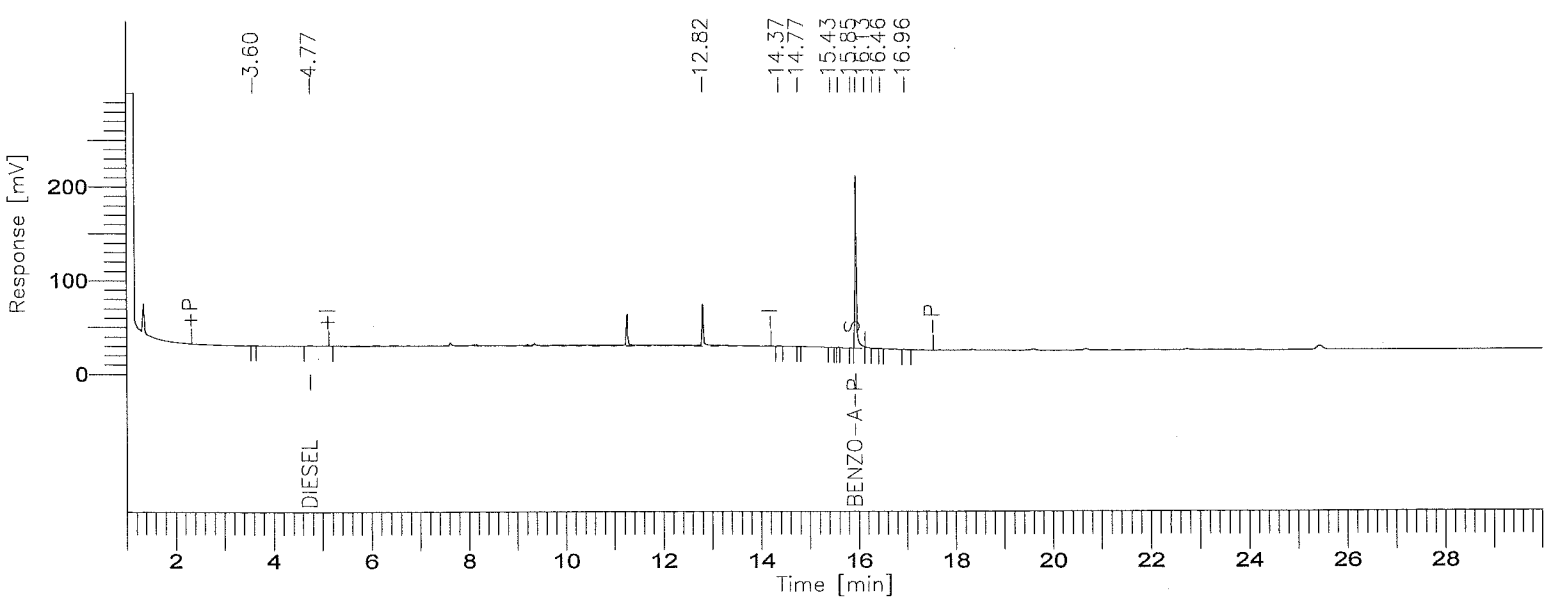
Raw Data File : C:\TC4\DATA_3\O06_066.RAW
Result File : C:\TC4\DATA_3\O06_066.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_066.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 13



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.77	DIESEL	4804	0.1230	-------	10.0	
15.95	BENZO-A-PYRENE	391598	10.9990	87.99	10.0	
		396403	11.1219			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_066.TX0

Lot/Sample: E0I290371-015 C-2-16-5 TICs.....: N Report Results: Y
WO#.....: DLC83-1-02 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: 10/07/00
Inject Time..: 12:38 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_067A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:51:44
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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			6.4834	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	10.041	80.3336		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-015 C-2-16-5 TICs.....: N Report Results: Y
WO#.....: DLC83-1-02 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 : 371-15 Time : 10/9/00 03:36 PM
Sample Number: DLC83102 Study : ICAL 9/27/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 12:38 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

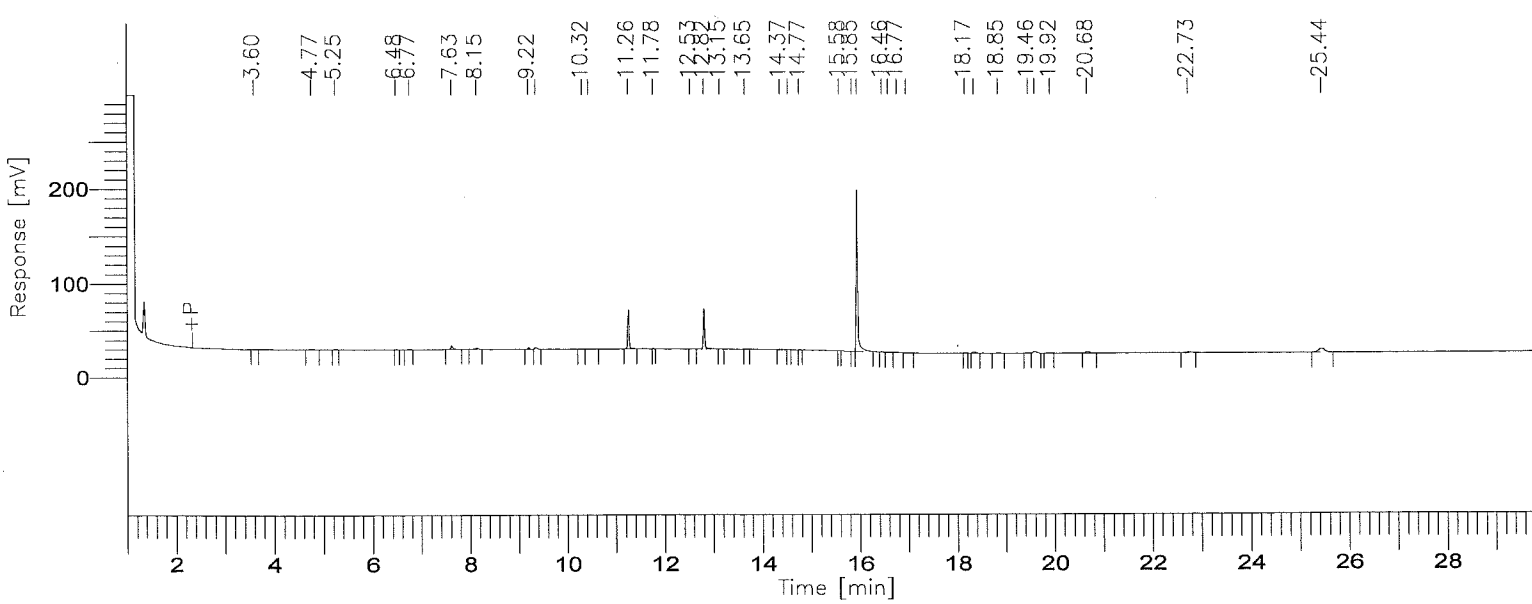
Raw Data File : C:\TC4\DATA_3\O06_067A.RAW
Result File : C:\TC4\DATA_3\O06_067A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_067A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
' ltiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 36



001344

BOE-C6-0159766

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	4007	0.0917	-------	10.0	
6.07	C10-C11	2102	0.0449	-------	10.0	
7.77	C12-C13	15824	0.3180	-------	10.0	
9.18	C14-C15	8184	0.1674	-------	10.0	
10.44	C16-C17	2570	0.0528	-------	10.0	
11.58	C18-C19	84687	1.7404	-------	10.0	
13.05	C20-C23	86803	0.9141	-------	10.0	
14.78	C24-C27	5122	0.0590	-------	10.0	
16.36	C28-C31	370211	5.1081	-------	10.0	
18.35	C32-C35	11290	0.2119	-------	10.0	
21.82	C36-C39	26119	0.6394	-------	10.0	
27.03	C40+	35121	2.0689	-------	10.0	
		652041	11.4164			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		768	0.0002	-------	10.0	
4.77		3239	0.0008	-------	10.0	
		4007	0.0010			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		978	0.0002	-------	10.0	
6.48		357	0.0001	-------	10.0	
6.77		768	0.0002	-------	10.0	
		2102	0.0005			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.63		9882	0.0025	-------	10.0	
8.15		5942	0.0015	-------	10.0	
		15824	0.0040			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.22		3272	0.0008	-------	10.0	
9.37		4912	0.0012	-------	10.0	
		8184	0.0020			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.32		580	0.0001	-------	10.0	
10.44		1990	0.0005	-------	10.0	
		2570	0.0006			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		83651	0.0209	-------	10.0	
11.78		1036	0.0003	-------	10.0	
		84687	0.0212			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.53		566	0.0001	-------	10.0	
12.82		84960	0.0212	-------	10.0	
13.15		755	0.0002	-------	10.0	
13.65		522	0.0001	-------	10.0	

	86803	0.0217

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.37		2976	0.0007	-------	10.0	
14.53		844	0.0002	-------	10.0	
14.76		1302	0.0003	-------	10.0	
		5122	0.0013			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.58		623	0.0002	-------	10.0	
15.85		1366	0.0003	-------	10.0	
15.95		360913	0.0902	-------	10.0	
16.46		1752	0.0004	-------	10.0	
[illegible]59		2128	0.0005	-------	10.0	
[illegible].76		1984	0.0005	-------	10.0	
16.96		1446	0.0004	-------	10.0	
		370211	0.0926			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		1877	0.0005	-------	10.0	
18.35		5421	0.0014	-------	10.0	
18.85		1831	0.0005	-------	10.0	
19.46		2161	0.0005	-------	10.0	
		11290	0.0028			

Group Report For : C36-C39

[illegible]me [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.60		8413	0.0021	-------	10.0	
19.92		1826	0.0005	-------	10.0	
20.68		9314	0.0023	-------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
22.73		6566	0.0016	-------	10.0	
		26119	0.0065			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.44		35121	0.0088	-------	10.0	
		35121	0.0088			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

TL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_067A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-15 Time : 10/7/00 01:07 PM
Sample Number: DLC83102 Study : ICAL 9/27/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 12:38 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

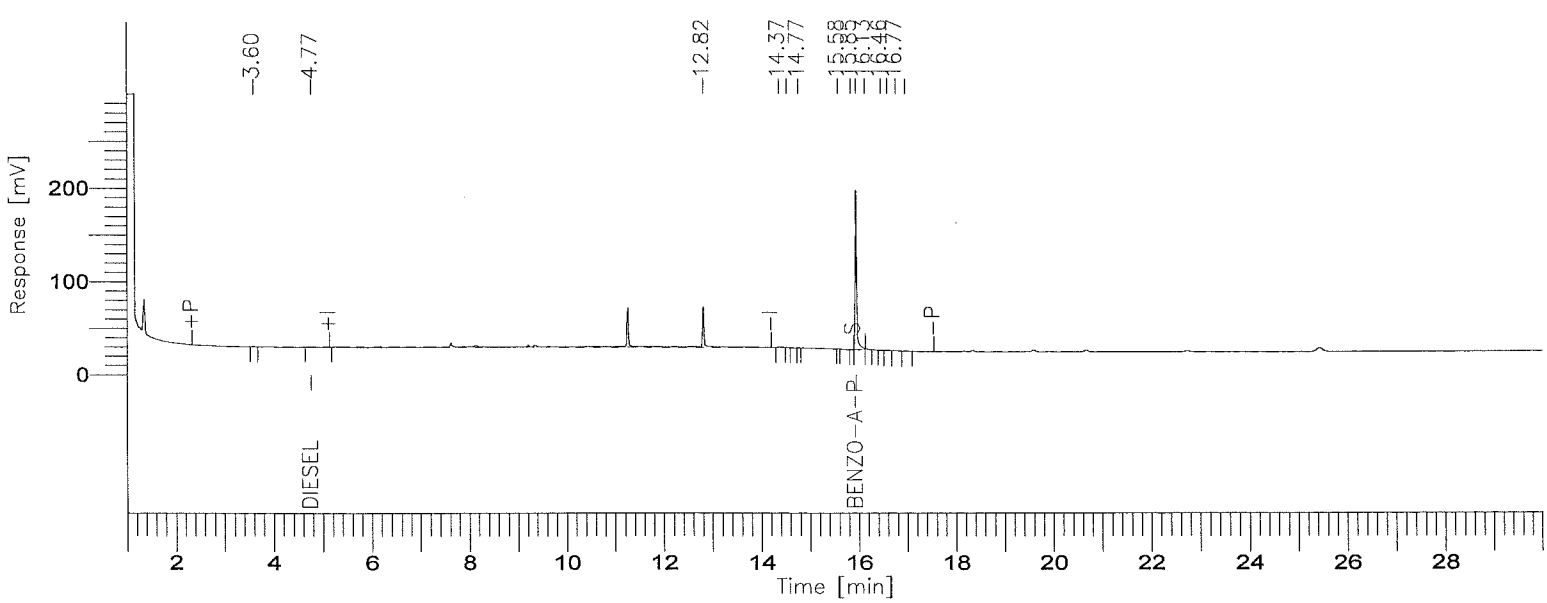
Raw Data File : C:\TC4\DATA_3\O06_067.RAW
Result File : C:\TC4\DATA_3\O06_067.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_067.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
' ltiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 14



001349

BOE-C6-0159771

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.77	DIESEL	5078	0.1300	-------	10.0	
15.95	BENZO-A-PYRENE	357516	10.0417	80.33	10.0	
		362594	10.1717			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_067.TX0

Lot/Sample: E0I290371-017 C-2-17-1 TICs.....: N Report Results: Y
WO#.....: DLC85-1-02 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: 10/07/00
Inject Time..: 13:17 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_068A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:51:55
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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			7.3011	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	9.4861	75.8888		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-017 C-2-17-1 TICs.....: N Report Results: Y
WO#.....: DLC85-1-02 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 : 371-17 Time : 10/9/00 03:36 PM
Sample Number: DLC85102 Study : ICAL 9/27/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 01:17 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

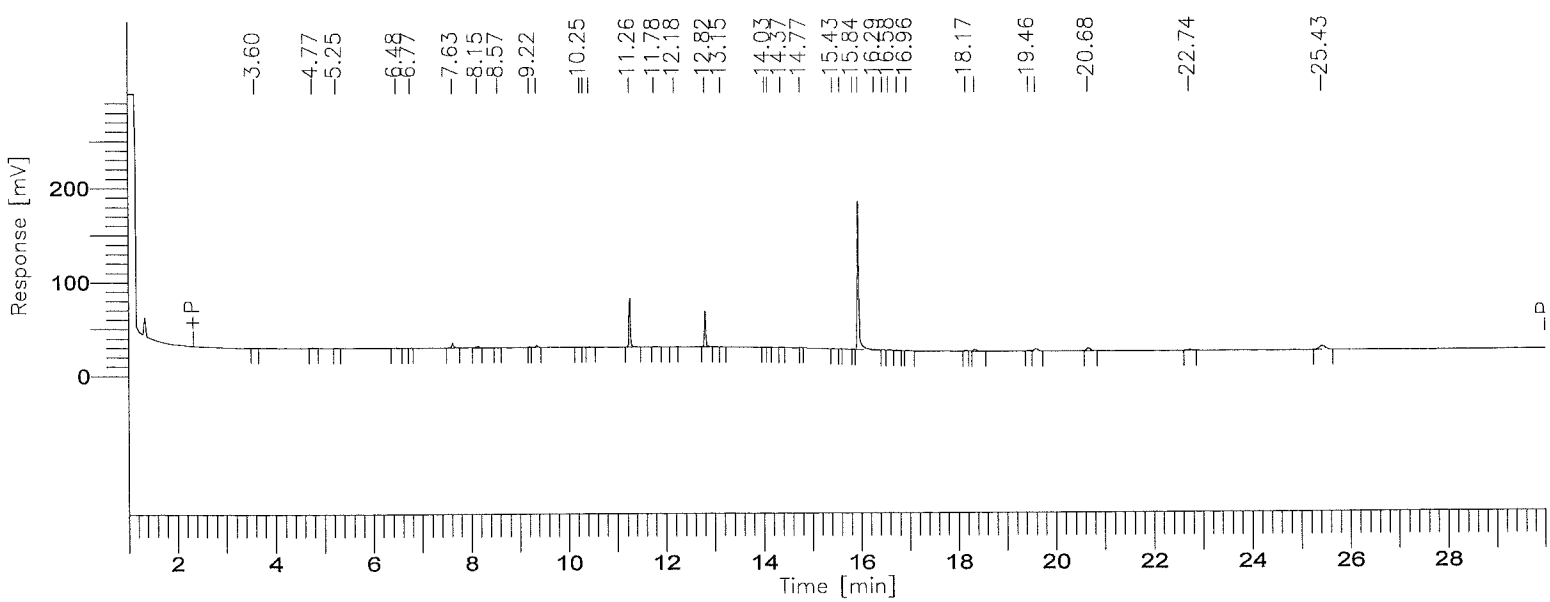
Raw Data File : C:\TC4\DATA_3\O06_068A.RAW
Result File : C:\TC4\DATA_3\O06_068A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_068A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
' ltiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 38



001353

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	4838	0.1107	-------	10.0	
6.07	C10-C11	2760	0.0589	-------	10.0	
7.77	C12-C13	18262	0.3670	-------	10.0	
9.18	C14-C15	7294	0.1492	-------	10.0	
10.44	C16-C17	2899	0.0595	-------	10.0	
11.58	C18-C19	108666	2.2331	-------	10.0	
13.05	C20-C23	72915	0.7678	-------	10.0	
14.78	C24-C27	6556	0.0755	-------	10.0	
16.36	C28-C31	358989	4.9533	-------	10.0	
18.35	C32-C35	11843	0.2222	-------	10.0	
21.82	C36-C39	33346	0.8163	-------	10.0	
27.03	C40+	36456	2.1475	-------	10.0	
		664824	11.9612			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		806	0.0002	-------	10.0	
4.77		4032	0.0010	-------	10.0	
		4838	0.0012			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		1167	0.0003	-------	10.0	
6.48		742	0.0002	-------	10.0	
6.77		851	0.0002	-------	10.0	
		2760	0.0007			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].63		12478	0.0031	-------	10.0	
8.15		5784	0.0014	-------	10.0	
		18262	0.0046			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.57		630	0.0002	-------	10.0	
9.22		1560	0.0004	-------	10.0	
9.37		5103	0.0013	-------	10.0	
		7294	0.0018			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.25		480	0.0001	-------	10.0	
10.32		536	0.0001	-------	10.0	
10.44		1883	0.0005	-------	10.0	
		2899	0.0007			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		107332	0.0268	-------	10.0	
11.78		1334	0.0003	-------	10.0	
		108666	0.0272			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.18		626	0.0002	-------	10.0	
12.82		71473	0.0179	-------	10.0	
13.15		816	0.0002	-------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
		72915	0.0182			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.03		616	0.0002	-------	10.0	
14.10		839	0.0002	-------	10.0	
14.37		2423	0.0006	-------	10.0	
14.76		2088	0.0005	-------	10.0	
15.43		590	0.0001	-------	10.0	
		6556	0.0016			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.58		531	0.0001	-------	10.0	
15.84		1282	0.0003	-------	10.0	
15.95		342656	0.0857	-------	10.0	
16.29		6205	0.0016	-------	10.0	
16.46		2457	0.0006	-------	10.0	
16.58		2416	0.0006	-------	10.0	
16.76		2256	0.0006	-------	10.0	
16.96		1186	0.0003	-------	10.0	
		358989	0.0897			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		2050	0.0005	-------	10.0	
18.34		6727	0.0017	-------	10.0	
19.46		3065	0.0008	-------	10.0	
		11843	0.0030			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
1[illegible].60		12107	0.0030	-------	10.0	
20.68		14999	0.0037	-------	10.0	
22.74		6240	0.0016	-------	10.0	
		33346	0.0083			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.43		36456	0.0091	-------	10.0	
		36456	0.0091			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_068A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-17 Time : 10/7/00 01:47 PM
Sample Number: DLC85102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 01:17 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

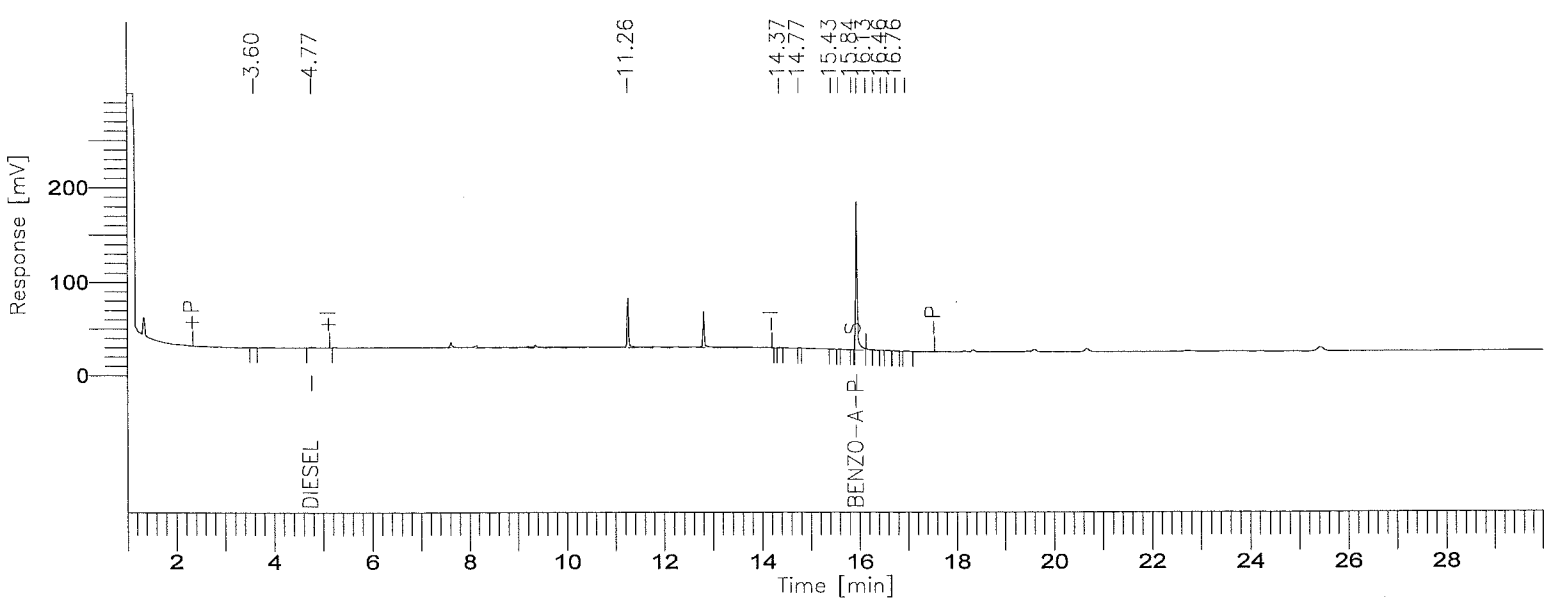
Raw Data File : C:\TC4\DATA_3\O06_068.RAW
Result File : C:\TC4\DATA_3\O06_068.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_068.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 15



001358

BOE-C6-0159780

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.77	DIESEL	6602	0.1690	-------	10.0	
15.95	BENZO-A-PYRENE	337735	9.4861	75.89	10.0	
		344337	9.6551			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\006_068.TX0

Lot/Sample: E0I290371-018 C-2-17-5 TICs.....: N Report Results: Y
WO#.....: DLC86-1-02 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: 10/07/00
Inject Time..: 13:57 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_069A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:52:24
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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			6.5885	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	9.7449	77.9592		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-018 C-2-17-5 TICs.....: N Report Results: Y
WO#.....: DLC86-1-02 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 : 371-18 Time : 10/9/00 03:36 PM
Sample Number: DLC86102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 01:57 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

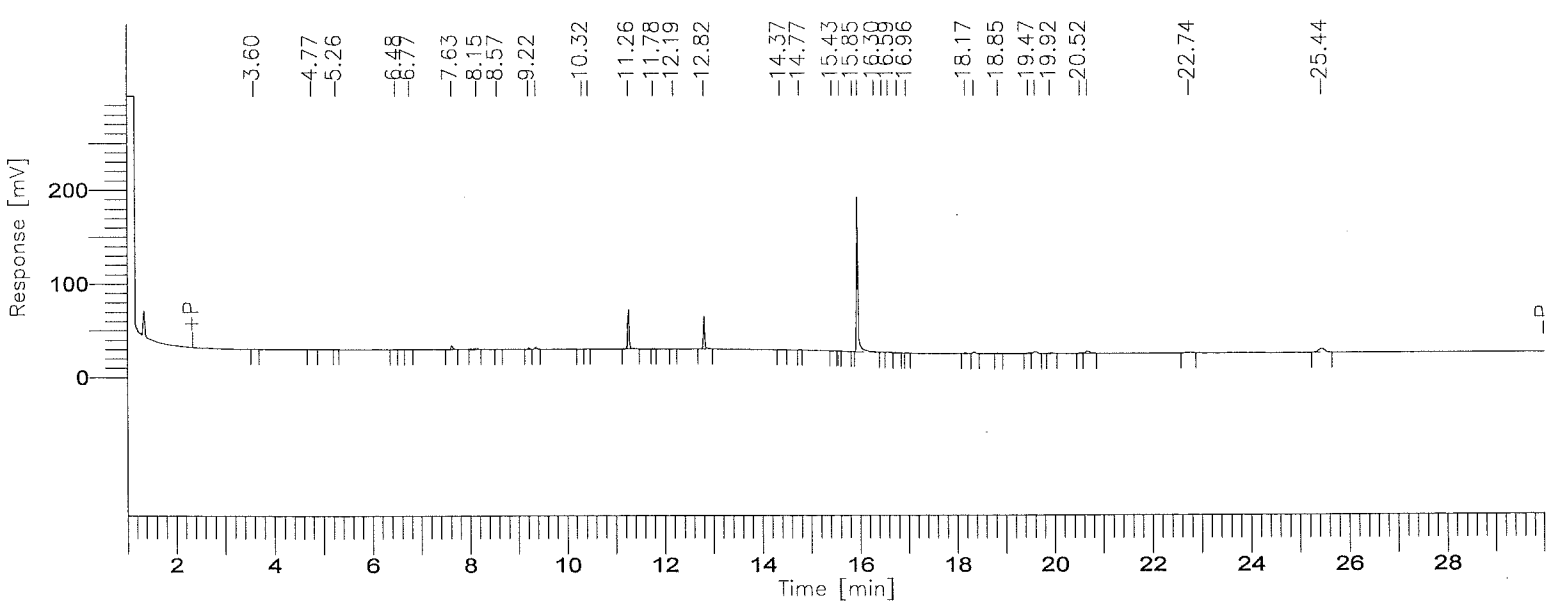
Raw Data File : C:\TC4\DATA_3\O06_069A.RAW
Result File : C:\TC4\DATA_3\O06_069A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_069A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 37



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	3366	0.0770	-------	10.0	
6.07	C10-C11	1961	0.0418	-------	10.0	
7.77	C12-C13	15022	0.3019	-------	10.0	
9.18	C14-C15	8044	0.1646	-------	10.0	
10.44	C16-C17	1694	0.0348	-------	10.0	
11.58	C18-C19	89174	1.8326	-------	10.0	
13.05	C20-C23	66859	0.7041	-------	10.0	
14.78	C24-C27	4034	0.0465	-------	10.0	
16.36	C28-C31	367690	5.0733	-------	10.0	
18.35	C32-C35	12231	0.2295	-------	10.0	
21.82	C36-C39	30465	0.7458	-------	10.0	
27.03	C40+	36055	2.1239	-------	10.0	
		636596	11.3757			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		697	0.0002	-------	10.0	
4.77		2669	0.0007	-------	10.0	
		3366	0.0008			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		668	0.0002	-------	10.0	
6.48		598	0.0001	-------	10.0	
6.77		694	0.0002	-------	10.0	
		1961	0.0005			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
..63		9107	0.0023	-------	10.0	
8.15		5916	0.0015	-------	10.0	
		15022	0.0038			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.57		436	0.0001	-------	10.0	
9.22		2634	0.0007	-------	10.0	
9.37		4974	0.0012	-------	10.0	
		8044	0.0020			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.32		439	0.0001	-------	10.0	
10.44		1255	0.0003	-------	10.0	
		1694	0.0004			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		87780	0.0219	-------	10.0	
11.78		1394	0.0003	-------	10.0	
		89174	0.0223			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.19		551	0.0001	-------	10.0	
12.82		66308	0.0166	-------	10.0	
		66859	0.0167			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.37		1935	0.0005	-------	10.0	
14.77		1417	0.0004	-------	10.0	
15.43		682	0.0002	-------	10.0	
		4034	0.0010			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.59		663	0.0002	-------	10.0	
15.85		1336	0.0003	-------	10.0	
15.95		351833	0.0880	-------	10.0	
16.30		5559	0.0014	-------	10.0	
16.46		2721	0.0007	-------	10.0	
16.58		2943	0.0007	-------	10.0	
16.77		1731	0.0004	-------	10.0	
[illegible] 96		904	0.0002	-------	10.0	
		367690	0.0919			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		3103	0.0008	-------	10.0	
18.35		5574	0.0014	-------	10.0	
18.85		1286	0.0003	-------	10.0	
19.47		2268	0.0006	-------	10.0	
		12231	0.0031			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].60		9052	0.0023	-------	10.0	
19.92		2278	0.0006	-------	10.0	
20.52		1078	0.0003	-------	10.0	
20.68		11740	0.0029	-------	10.0	
22.74		6318	0.0016	-------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
		30465	0.0076			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.44		36055	0.0090	-------	10.0	
		36055	0.0090			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_069A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-18 Time : 10/7/00 02:26 PM
Sample Number: DLC86102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 01:57 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

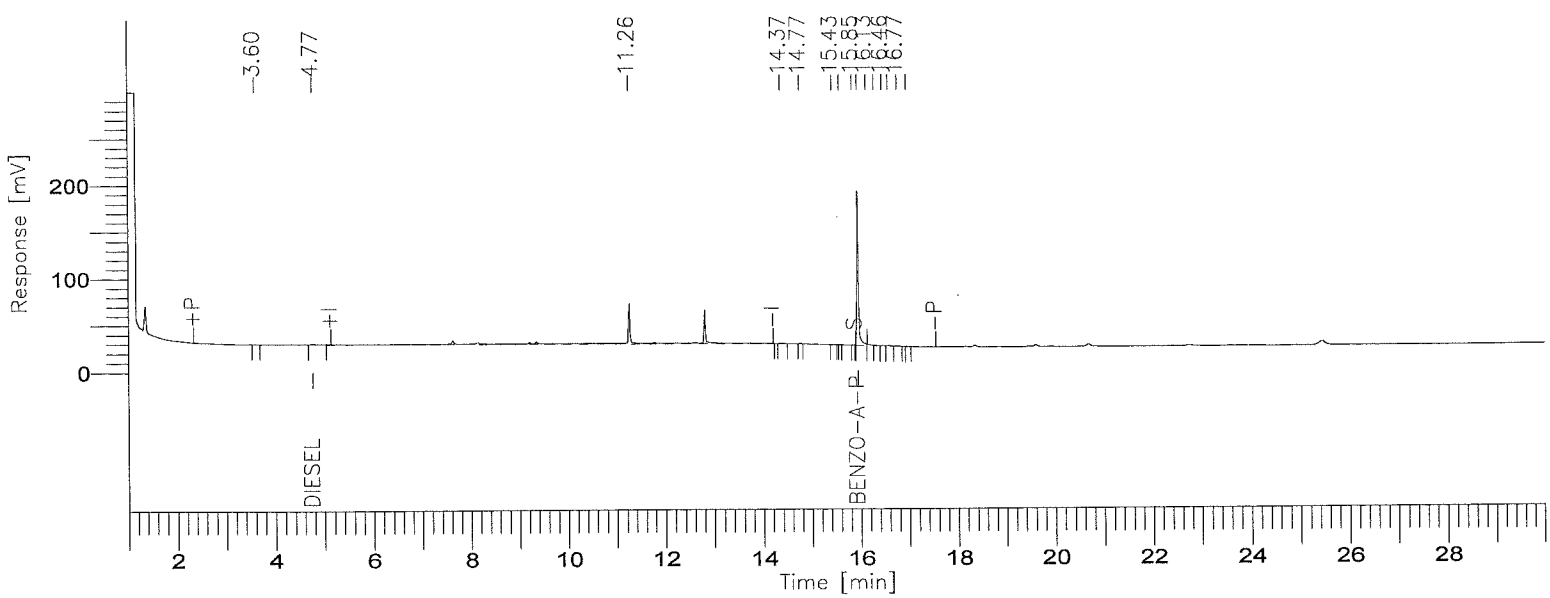
Raw Data File : C:\TC4\DATA_3\O06_069.RAW
Result File : C:\TC4\DATA_3\O06_069.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_069.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 15



001367

BOE-C6-0159789

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.77	DIESEL	3369	0.0862	-------	10.0	
15.95	BENZO-A-PYRENE	346951	9.7449	77.96	10.0	
		350320	9.8312			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_069.TX0

Lot/Sample: E0I290371-019 C-2-18-5 TICs.....: N Report Results: Y
WO#.....: DLC87-1-02 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: 10/07/00
Inject Time..: 14:36 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_070A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:52:36
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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			8.4454	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	8.9310	71.448		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-019 C-2-18-5 TICs.....: N Report Results: Y
WO#.....: DLC87-1-02 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 : 371-19 Time : 10/9/00 03:36 PM
Sample Number: DLC87102 Study : ICAL 9/27/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 02:36 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

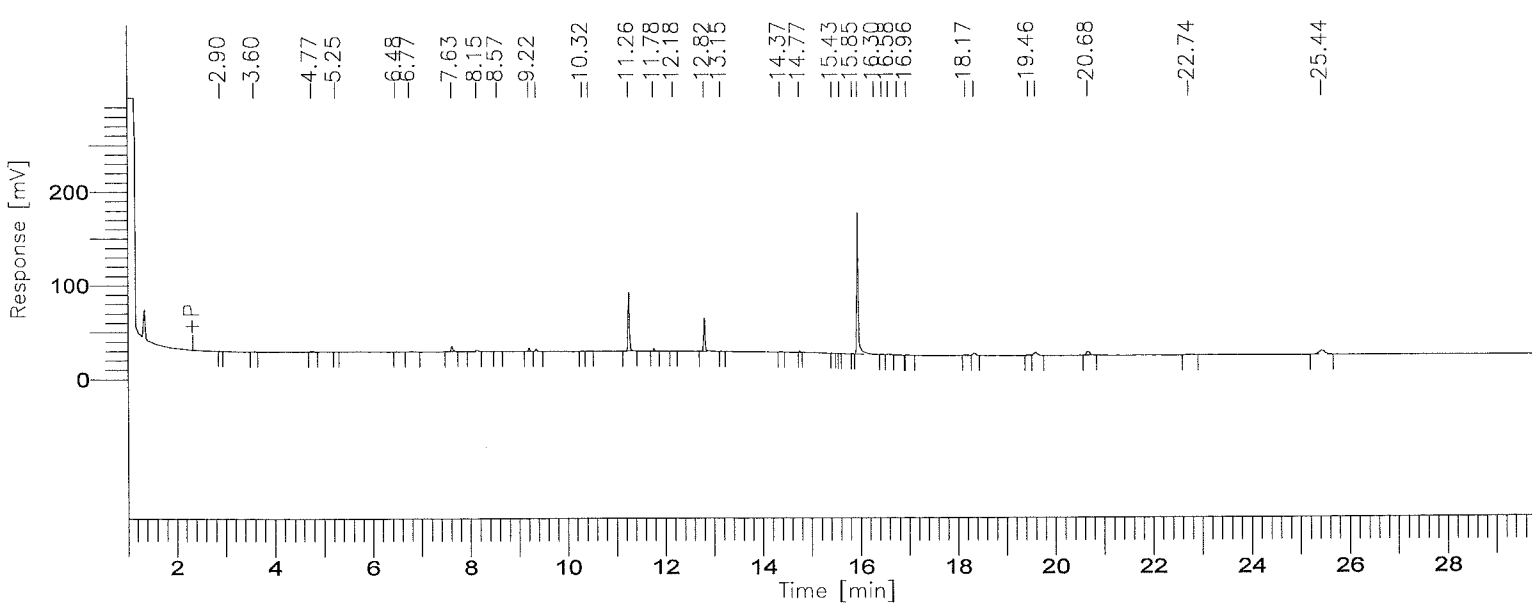
Raw Data File : C:\TC4\DATA_3\O06_070A.RAW
Result File : C:\TC4\DATA_3\O06_070A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_070A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
' ltiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 36



001371

BOE-C6-0159793

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	6454	0.1477	-------	10.0	
6.07	C10-C11	3613	0.0771	-------	10.0	
7.77	C12-C13	20874	0.4195	-------	10.0	
9.18	C14-C15	12546	0.2567	-------	10.0	
10.44	C16-C17	2350	0.0483	-------	10.0	
11.58	C18-C19	136186	2.7987	-------	10.0	
13.05	C20-C23	70781	0.7454	-------	10.0	
14.78	C24-C27	4930	0.0568	-------	10.0	
16.36	C28-C31	338142	4.6656	-------	10.0	
18.35	C32-C35	17567	0.3297	-------	10.0	
21.82	C36-C39	43135	1.0559	-------	10.0	
27.03	C40+	37883	2.2316	-------	10.0	
		694461	12.8328			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.90		636	0.0002	-------	10.0	
3.60		711	0.0002	-------	10.0	
4.77		5107	0.0013	-------	10.0	
		6454	0.0016			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		870	0.0002	-------	10.0	
6.48		1338	0.0003	-------	10.0	
6.77		1405	0.0004	-------	10.0	
		3613	0.0009			

Group Report For : C12-C13

001372

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
..63		14935	0.0037	-------	10.0	
8.15		5939	0.0015	-------	10.0	
		20874	0.0052			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.57		782	0.0002	-------	10.0	
9.22		6487	0.0016	-------	10.0	
9.37		5277	0.0013	-------	10.0	
		12546	0.0031			

Group Report For : C16-C17

Time in]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.32		806	0.0002	-------	10.0	
10.44		1544	0.0004	-------	10.0	
		2350	0.0006			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		131321	0.0328	-------	10.0	
11.78		4865	0.0012	-------	10.0	
		136186	0.0340			

Group Report For : C20-C23

Time in]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.18		588	0.0001	-------	10.0	
12.82		69656	0.0174	-------	10.0	
13.15		537	0.0001	-------	10.0	

	70781	0.0177

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.37		2036	0.0005	-------	10.0	
14.77		2474	0.0006	-------	10.0	
15.43		420	0.0001	-------	10.0	
		4930	0.0012			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.59		522	0.0001	-------	10.0	
15.85		1210	0.0003	-------	10.0	
15.95		322166	0.0805	-------	10.0	
16.30		5344	0.0013	-------	10.0	
[illegible].46		2421	0.0006	-------	10.0	
16.58		3432	0.0009	-------	10.0	
16.77		1891	0.0005	-------	10.0	
16.96		1156	0.0003	-------	10.0	
		338142	0.0845			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		4117	0.0010	-------	10.0	
18.35		9626	0.0024	-------	10.0	
19.46		3824	0.0010	-------	10.0	
		17567	0.0044			

Group Report For : C36-C39

[illegible]me [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.60		16176	0.0040	-------	10.0	
20.68		20142	0.0050	-------	10.0	
22.74		6818	0.0017	-------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
		43135	0.0108			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.44		37883	0.0095	-------	10.0	
		37883	0.0095			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_070A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-19 Time : 10/7/00 03:05 PM
Sample Number: DLC87102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 02:36 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

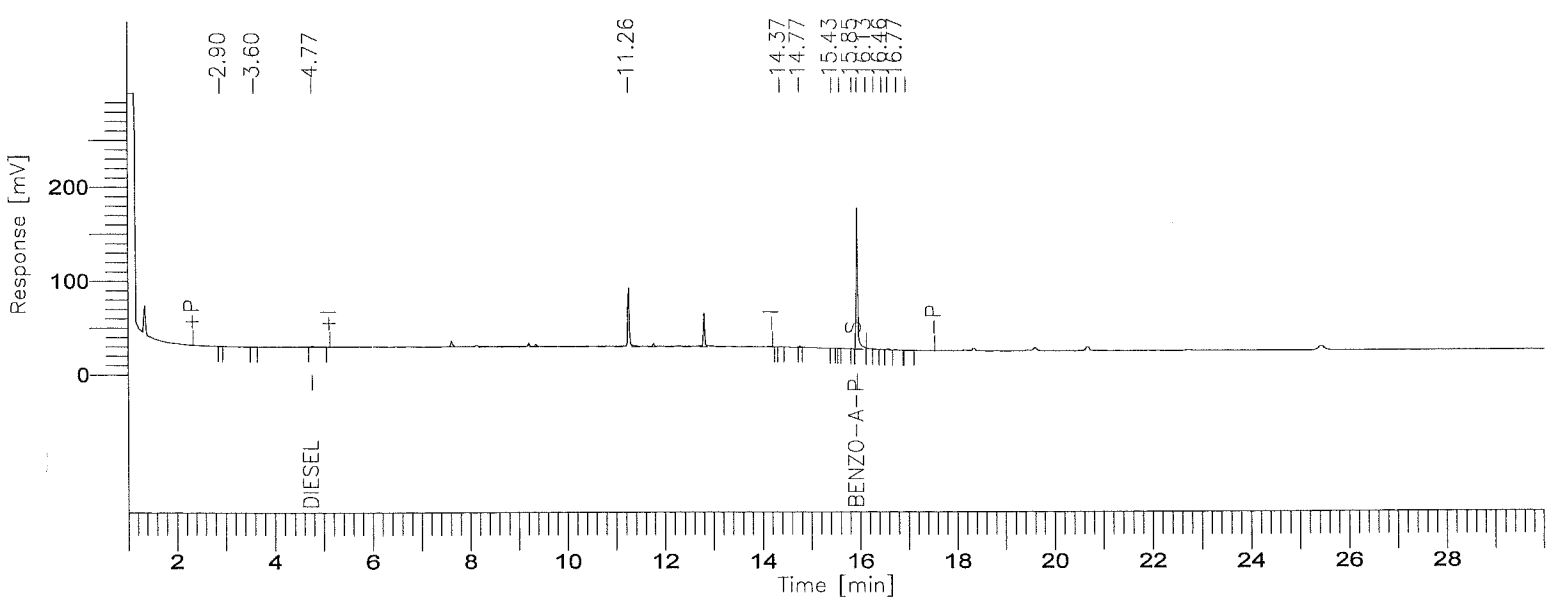
Raw Data File : C:\TC4\DATA_3\006_070.RAW
Result File : C:\TC4\DATA_3\006_070.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\006_070.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\006.SEQ

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



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.77	DIESEL	6339	0.1622	-------	10.0	
15.95	BENZO-A-PYRENE	317973	8.9310	71.45	10.0	
		324312	9.0933			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_070.TX0

Lot/Sample: E0I290371-021 C-2-19-5 TICs.....: N Report Results: Y
WO#.....: DLC89-1-02 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: 10/07/00
Inject Time..: 15:15 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_071A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:52:50
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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			6.7461	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	10.051	80.4088		

Notes:
J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-021 C-2-19-5 TICs.....: N Report Results: Y
WO#.....: DLC89-1-02 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 : 371-21 Time : 10/9/00 03:36 PM
Sample Number: DLC89102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 03:15 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

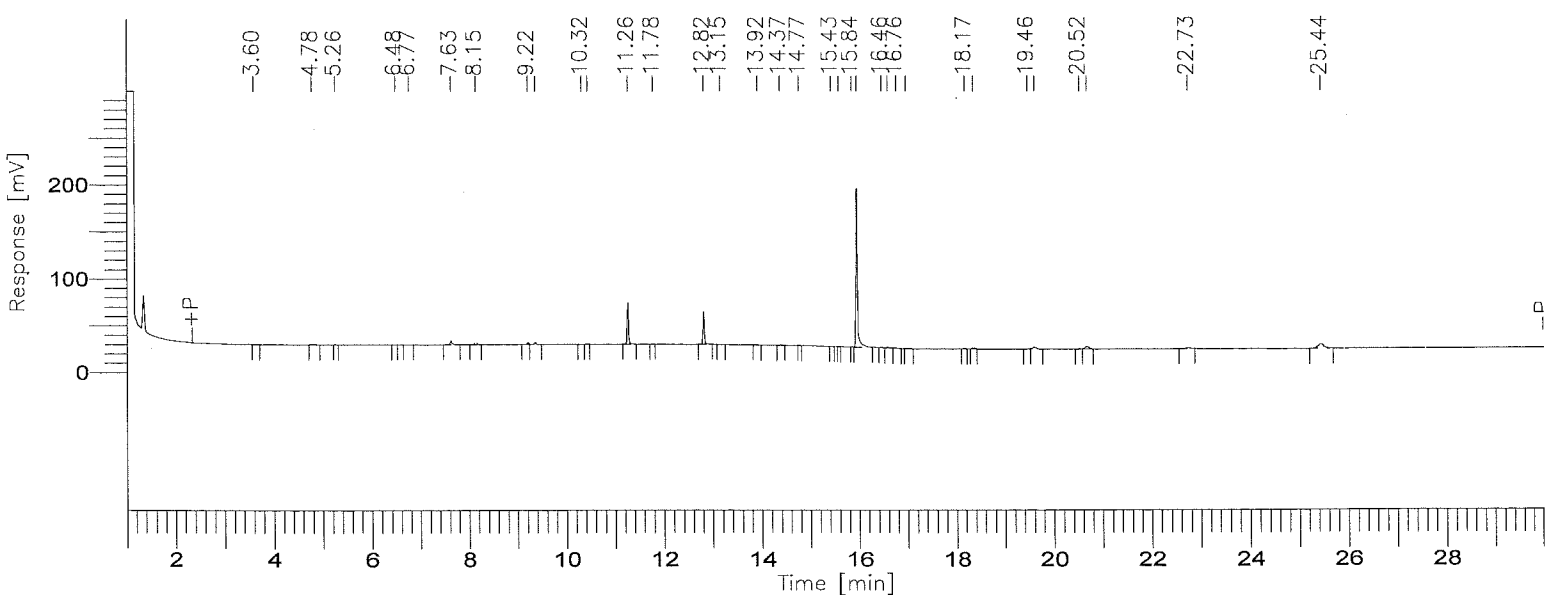
Raw Data File : C:\TC4\DATA_3\O06_071A.RAW
Result File : C:\TC4\DATA_3\O06_071A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_071A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 34



001380

BOE-C6-0159802

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	4001	0.0915	-------	10.0	
6.07	C10-C11	1867	0.0398	-------	10.0	
7.77	C12-C13	16437	0.3304	-------	10.0	
9.18	C14-C15	9069	0.1855	-------	10.0	
10.44	C16-C17	1888	0.0388	-------	10.0	
11.58	C18-C19	92823	1.9076	-------	10.0	
13.05	C20-C23	67176	0.7074	-------	10.0	
14.78	C24-C27	3958	0.0456	-------	10.0	
16.36	C28-C31	370602	5.1135	-------	10.0	
18.35	C32-C35	9470	0.1777	-------	10.0	
21.82	C36-C39	29675	0.7264	-------	10.0	
27.03	C40+	39375	2.3195	-------	10.0	
		646341	11.6837			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		786	0.0002	-------	10.0	
4.78		3215	0.0008	-------	10.0	
		4001	0.0010			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		671	0.0002	-------	10.0	
6.48		404	0.0001	-------	10.0	
6.77		792	0.0002	-------	10.0	
		1867	0.0005			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.63		10683	0.0027	-------	10.0	
8.15		5754	0.0014	-------	10.0	
		16437	0.0041			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.22		3734	0.0009	-------	10.0	
9.37		5334	0.0013	-------	10.0	
		9069	0.0023			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.32		572	0.0001	-------	10.0	
10.44		1316	0.0003	-------	10.0	
		1888	0.0005			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		92035	0.0230	-------	10.0	
11.78		788	0.0002	-------	10.0	
		92823	0.0232			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.82		65730	0.0164	-------	10.0	
13.15		506	0.0001	-------	10.0	
13.92		940	0.0002	-------	10.0	
		67176	0.0168			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.37		1970	0.0005	-------	10.0	
14.76		1361	0.0003	-------	10.0	
15.43		627	0.0002	-------	10.0	
		3958	0.0010			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.58		761	0.0002	-------	10.0	
15.84		1345	0.0003	-------	10.0	
15.95		361010	0.0903	-------	10.0	
16.46		1808	0.0005	-------	10.0	
16.58		2957	0.0007	-------	10.0	
16.76		1507	0.0004	-------	10.0	
16.96		1215	0.0003	-------	10.0	
		370602	0.0927			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		2071	0.0005	-------	10.0	
18.35		5022	0.0013	-------	10.0	
19.46		2377	0.0006	-------	10.0	
		9470	0.0024			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.60		9447	0.0024	-------	10.0	
.52		1030	0.0003	-------	10.0	
20.67		13118	0.0033	-------	10.0	
22.73		6080	0.0015	-------	10.0	
		29675	0.0074			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.44		39375	0.0098	-------	10.0	
		39375	0.0098			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_071A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-21 Time : 10/7/00 03:45 PM
Sample Number: DLC89102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 03:15 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

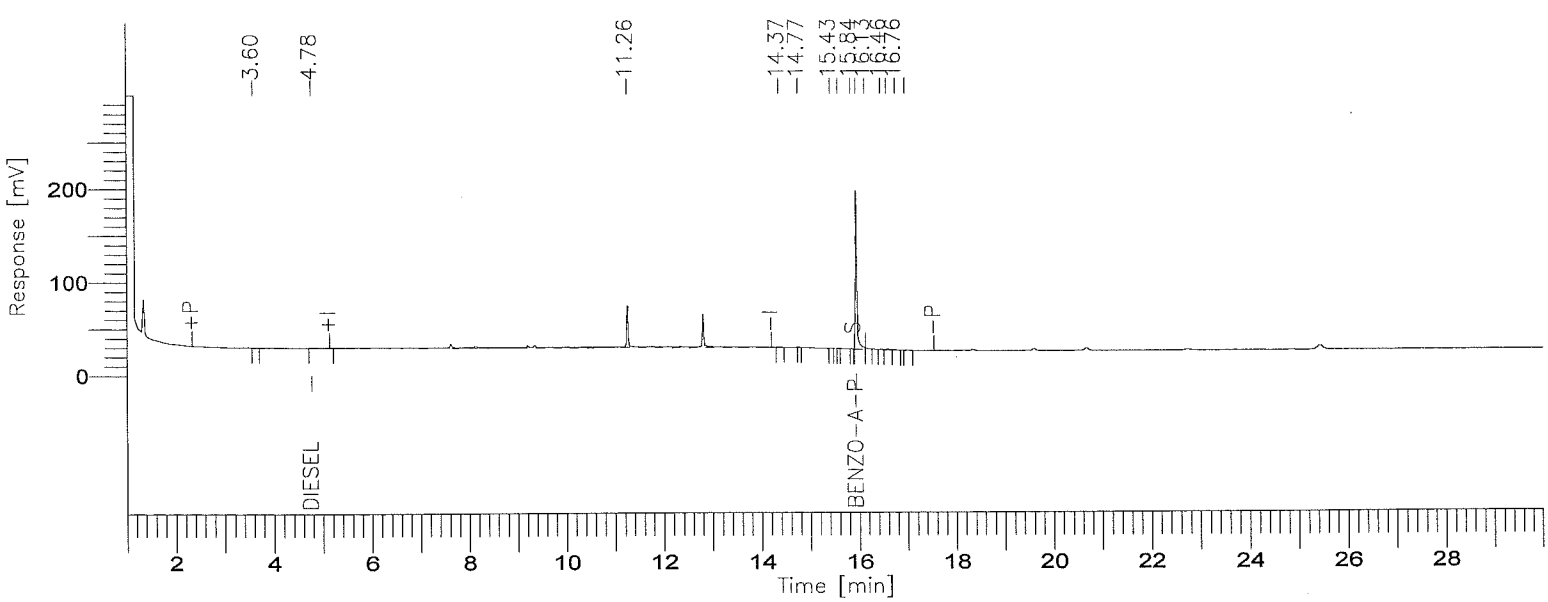
Raw Data File : C:\TC4\DATA_3\O06_071.RAW
Result File : C:\TC4\DATA_3\O06_071.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_071.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 14



001385

BOE-C6-0159807

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.78	DIESEL	4635	0.1186	-------	10.0	
15.95	BENZO-A-PYRENE	357853	10.0511	80.41	10.0	
		362488	10.1698			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_071.TX0

Lot/Sample: E0I290371-023 C-2-21-5 TICs.....: N Report Results: Y
WO#.....: DLC8C-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: 10/07/00
Inject Time..: 15:54 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_072A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/13 9:29:42
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276467
MS Run Number: 0276249
Prep Time....: 13:00-17:00
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			5.1461	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	10.944	87.5552		

Notes:
J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-023 C-2-21-5 TICs.....: N Report Results: Y
WO#.....: DLC8C-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 : 371-23 Time : 10/9/00 03:36 PM
Sample Number: DLC8C102 Study : ICAL 9/27/00
(rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 03:54 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

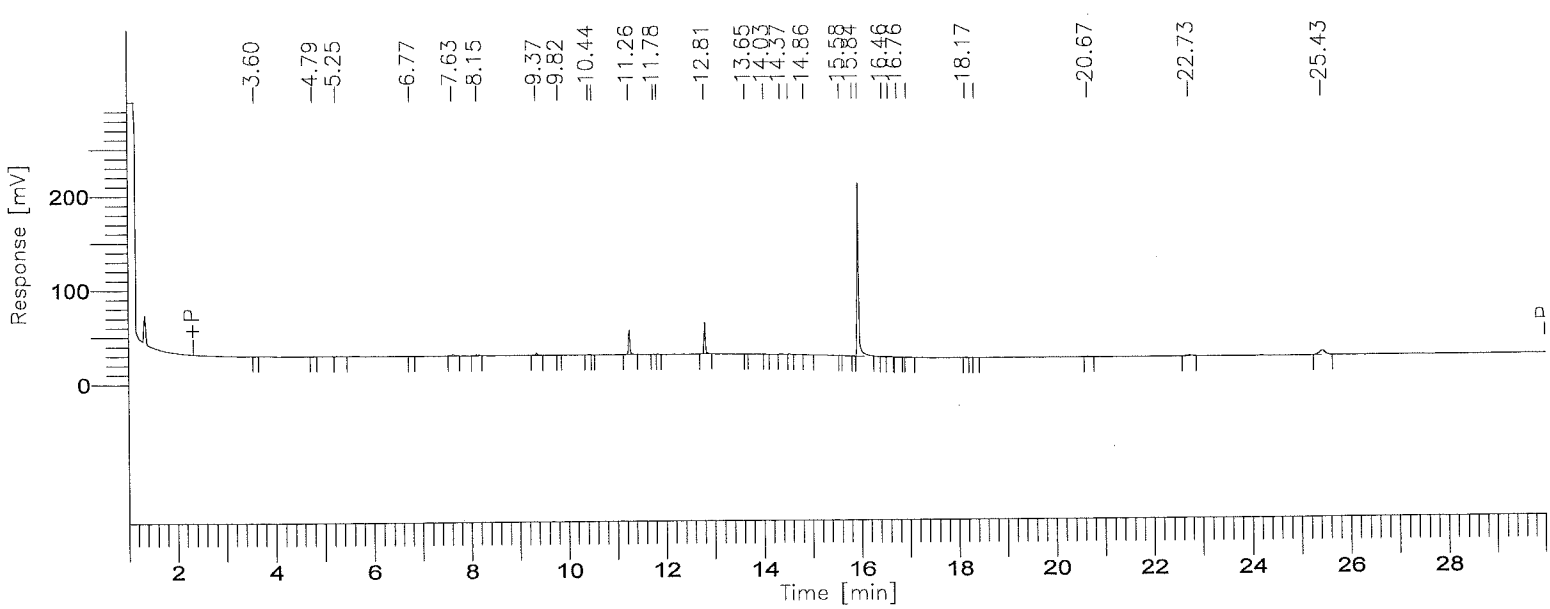
Raw Data File : C:\TC4\DATA_3\O06_072A.RAW
Result File : C:\TC4\DATA_3\O06_072A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_072A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
' 'tiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 31



001389

BOE-C6-0159811

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	1538	0.0352	-------	10.0	
6.07	C10-C11	1759	0.0375	-------	10.0	
7.77	C12-C13	10496	0.2110	-------	10.0	
9.18	C14-C15	5581	0.1142	-------	10.0	
10.44	C16-C17	1365	0.0280	-------	10.0	
11.58	C18-C19	59046	1.2134	-------	10.0	
13.05	C20-C23	65820	0.6931	-------	10.0	
14.78	C24-C27	5874	0.0677	-------	10.0	
16.36	C28-C31	403970	5.5739	-------	10.0	
18.35	C32-C35	2082	0.0391	-------	10.0	
21.82	C36-C39	9744	0.2385	-------	10.0	
27.03	C40+	38552	2.2710	-------	10.0	
		605828	10.5226			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		664	0.0002	-------	10.0	
4.79		875	0.0002	-------	10.0	
		1538	0.0004			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		1117	0.0003	-------	10.0	
6.77		642	0.0002	-------	10.0	
		1759	0.0004			

Group Report For : C12-C13

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
63		4822	0.0012	-------	10.0
.15		5674	0.0014	-------	10.0
		10496	0.0026		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.37		5138	0.0013	-------	10.0	
9.82		443	0.0001	-------	10.0	
		5581	0.0014			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
44		1100	0.0003	-------	10.0	
.52		265	0.0001	-------	10.0	
		1365	0.0003			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		57862	0.0145	-------	10.0	
11.78		716	0.0002	-------	10.0	
11.85		468	0.0001	-------	10.0	
		59046	0.0148			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.81		65292	0.0163	-------	10.0	
13.65		528	0.0001	-------	10.0	
		65820	0.0165			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.03		378	0.0001	-------	10.0	
14.37		2875	0.0007	-------	10.0	
14.53		1493	0.0004	-------	10.0	
14.86		1128	0.0003	-------	10.0	
		5874	0.0015			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.58		686	0.0002	-------	10.0	
15.84		1445	0.0004	-------	10.0	
15.95		393319	0.0983	-------	10.0	
16.46		1819	0.0005	-------	10.0	
16.58		2546	0.0006	-------	10.0	
16.76		2218	0.0006	-------	10.0	
[illegible]95		1937	0.0005	-------	10.0	
		403970	0.1010			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		1376	0.0003	-------	10.0	
18.36		707	0.0002	-------	10.0	
		2082	0.0005			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
20.67		3677	0.0009	-------	10.0	
[illegible].73		6066	0.0015	-------	10.0	
		9744	0.0024			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2[illegible].43		38552	0.0096	-------	10.0	
		38552	0.0096			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_072A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-23 Time : 10/7/00 04:24 PM
Sample Number: DLC8C102 Study : ICAL 9/27/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 03:54 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

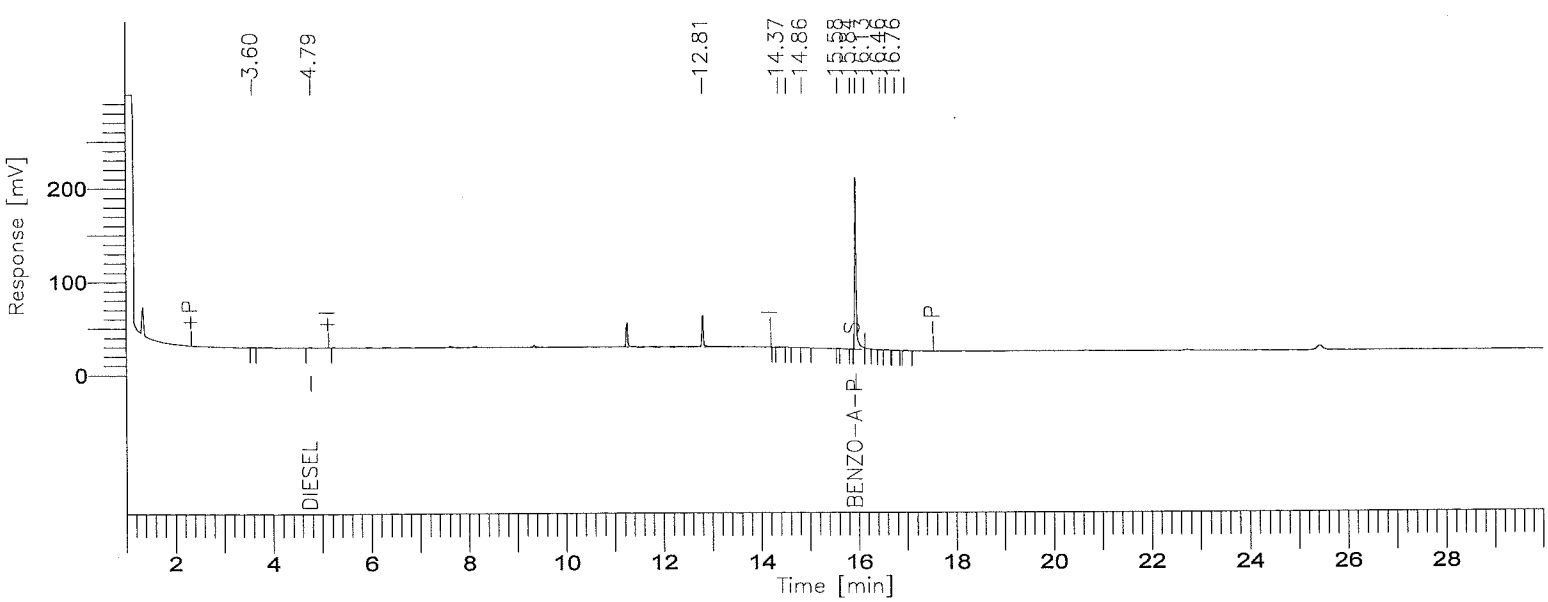
Raw Data File : C:\TC4\DATA_3\O06_072.RAW
Result File : C:\TC4\DATA_3\O06_072.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_072.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
' ltiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 14



001394

BOE-C6-0159816

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.79	DIESEL	2629	0.0673	-------	10.0	
15.95	BENZO-A-PYRENE	389657	10.9444	87.56	10.0	
		392286	11.0117			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_072.TX0

TEPH

SAMPLE AND QC DATA

C8 → C40+

Date(s) Analyzed: 10-7,8-00

Instrument ID: GC1 GC2 GC3

Lab #: EOI290371

Batch #: 0276468

Samples: B, C, 25, 26, 31, 33, 35, 36, 37, 39, 40, 41, 44

EXTRACTION NOTES

BOE-C6-0159819

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/12/00
Time: 19:19:38

QC BATCH: 0276468

PREP DATE: 10/02/00
COMP DATE: 10/02/00

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
10/13/00	10/06/00	E0I290371-040 **DLC8X-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-041 **DLC91-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-044 **DLC96-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/11/00	0/00/00	E0J020000-468 **DLEKJ-1-01**B		0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/11/00	0/00/00	E0J020000-468 **DLEKJ-1-02**C		0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1561-1DCS/5000PPM/1M TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	0/00/00	E0J020000-468 **DLEKJ-1-03**B		0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	0/00/00	E0J020000-468 **DLEKJ-1-04**C		0B	KI	SOLID		NA	NA	NA		.0		.0	TEPH1561-1DCS/5000PPM/1M TEPH1562-1SCS/250PPM/1ML
COMMENTS:															

SPKD BY: CA MECL2/T08286 NA2SO4/8024
METHOD: SOLID/SOLVENT EXTRACTION (AUTO SHAKER).
RELINQUISHED BY/DATE: CA 10-03-00 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-C6-0159820

001398

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/12/00
Time: 19:19:38

BOE-C6-0159821

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: 0276468 *
****

PREP DATE: 10/02/00
COMP DATE: 10/02/00

Reviewer/Date: APAHIDEC / 10/02/00

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
10/11/00	10/05/00	E0I290341-001 **DLC1D-1-03**	R	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/11/00	10/05/00	E0I290341-001 **DLC1D-1-04S**	R	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1561-1DCS/5000PPM/1M TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/11/00	10/05/00	E0I290341-001 **DLC1D-1-05D**	R	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1561-1DCS/5000PPM/1M TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/11/00	10/05/00	E0I290341-002 **DLC1F-1-03**	R	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/11/00	10/05/00	E0I290341-003 **DLC1G-1-03**	R	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/11/00	10/05/00	E0I290343-001 **DLC1T-1-03**	R	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/11/00	10/05/00	E0I290346-001 **DLC21-1-03**	R	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															

RQC058

Severn Trent Laboratories, Inc.
EXTRACTION BENCH WORKSHEET

Run Date: 10/12/00
Time: 19:19:38

QC BATCH: 0276468

PREP DATE: 10/02/00
COMP DATE: 10/02/00

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
10/11/00	10/05/00	E0I290346-002 **DLC24-1-03**	R	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/11/00	10/05/00	E0I290346-003 **DLC25-1-03**	R	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-025 **DLC8E-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-026 **DLC8F-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-031 **DLC8L-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-033 **DLC8N-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-035 **DLC8Q-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-036 **DLC8R-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-037 **DLC8T-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															
10/13/00	10/06/00	E0I290371-039 **DLC8W-1-02**	DR	0B	KI	SOLID	**20g** 5.00mL	NA	NA	NA	MECL2	80.0		.0	TEPH1562-1SCS/250PPM/1ML
COMMENTS:															

BOE-C6-0159822

001400

Lot/Sample: E0J020000-468B INTRA-LAB BLANK TICs.....: N Report Results: Y
WO#.....: DLEKJ-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: 10/07/00
Inject Time..: 19:52 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_075A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/27/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/13 9:35:32
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number:
Prep Time....: 13:00-17:00
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		
04980	Diesel Range Organics			ND	10	6		
05013	Motor Oil Range Organic			ND	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	11.369	90.9544		

Software Version: 4.1<2F12>
Sample Name : 371-MB Time : 10/9/00 03:37 PM
Sample Number: DLEKJ103B Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 05:52 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

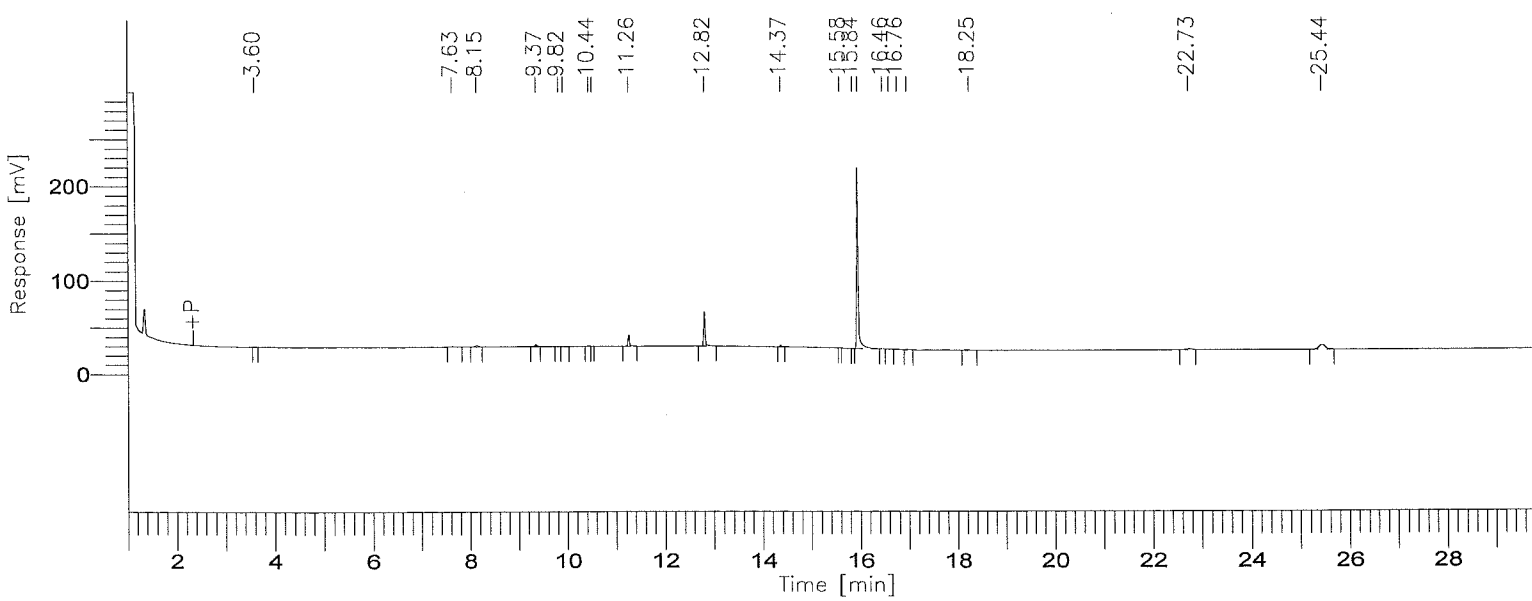
Raw Data File : C:\TC4\DATA_3\O06_075A.RAW
Result File : C:\TC4\DATA_3\O06_075A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_075A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	583	0.0133	-------	10.0	
6.07	C10-C11	0	0.0000	-------	10.0	
7.77	C12-C13	7569	0.1521	-------	10.0	
9.18	C14-C15	5724	0.1171	-------	10.0	
10.44	C16-C17	1668	0.0343	-------	10.0	
11.58	C18-C19	26724	0.5492	-------	10.0	
13.05	C20-C23	72169	0.7600	-------	10.0	
14.78	C24-C27	3112	0.0358	-------	10.0	
16.36	C28-C31	429929	5.9321	-------	10.0	
18.35	C32-C35	1418	0.0266	-------	10.0	
21.82	C36-C39	6430	0.1574	-------	10.0	
27.03	C40+	42981	2.5319	-------	10.0	
		598307	10.3098			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		583	0.0001	-------	10.0	
		583	0.0001			

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
7.63		1757	0.0004	-------	10.0	
8.15		5812	0.0015	-------	10.0	

	7569	0.0019

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.37		4902	0.0012	-------	10.0	
9.82		822	0.0002	-------	10.0	
		5724	0.0014			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.92		478	0.0001	-------	10.0	
10.44		935	0.0002	-------	10.0	
10.52		255	0.0001	-------	10.0	
		1668	0.0004			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		26724	0.0067	-------	10.0	
		26724	0.0067			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.82		72169	0.0180	-------	10.0	
		72169	0.0180			

oup Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.37		3112	0.0008	-------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
		3112	0.0008			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.58		693	0.0002	-------	10.0	
15.84		1434	0.0004	-------	10.0	
15.95		417133	0.1043	-------	10.0	
16.46		3535	0.0009	-------	10.0	
16.60		3024	0.0008	-------	10.0	
16.76		2538	0.0006	-------	10.0	
16.96		1572	0.0004	-------	10.0	
		429929	0.1075			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.25		1418	0.0004	-------	10.0	
		1418	0.0004			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
22.73		6430	0.0016	-------	10.0	
		6430	0.0016			

Group Report For : C40+

Time in]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.44		42981	0.0107	-------	10.0	
		42981	0.0107			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_075A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-MB Time : 10/7/00 06:22 PM
Sample Number: DLEKJ103B Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 05:52 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

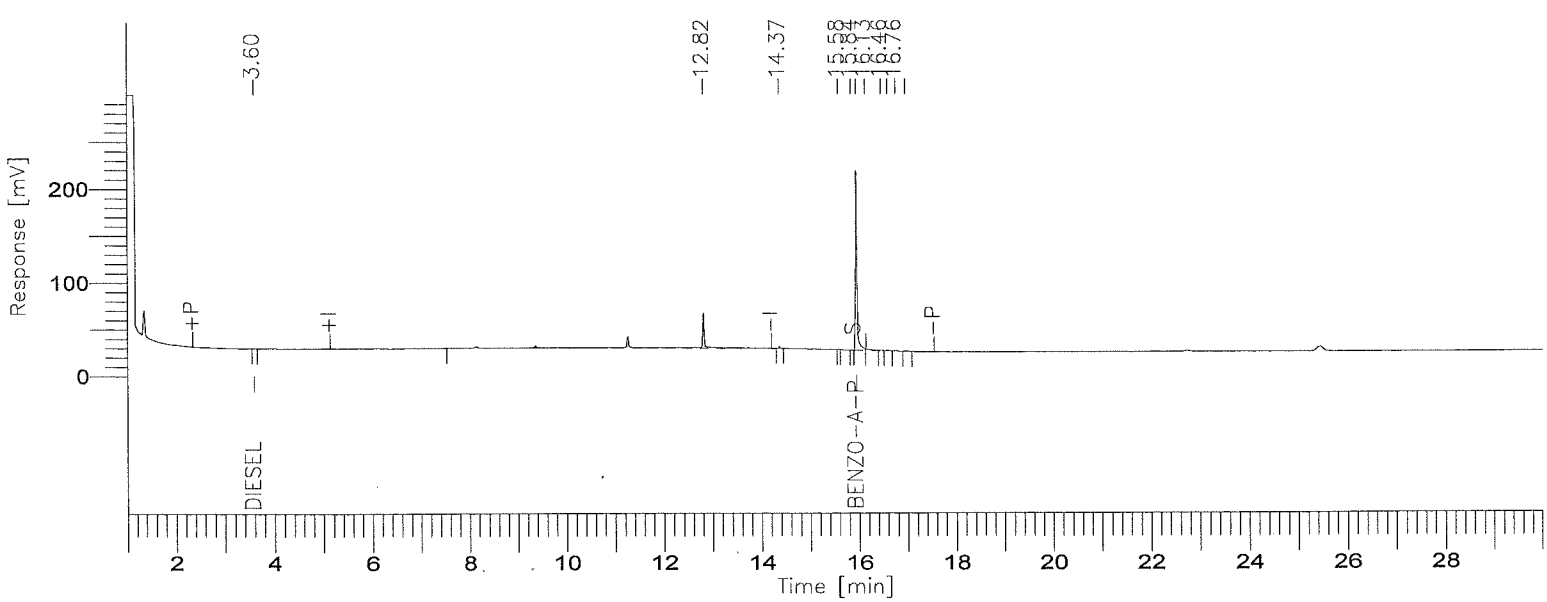
Raw Data File : C:\TC4\DATA_3\O06_075.RAW
Result File : C:\TC4\DATA_3\O06_075.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_075.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 11



001407

BOE-C6-0159829

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60	DIESEL	583	0.0149	-------	10.0	
15.95	BENZO-A-PYRENE	404782	11.3693	90.95	10.0	
		405365	11.3842			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_075.TX0

Lot/Sample: E0J020000-468C INTRA-LAB CHECK TICs.....: N Report Results: Y
WO#.....: DLEKJ-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: 10/07/00
Inject Time..: 18:32 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_076A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/27/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/02 17:10:16
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number:
Prep Time....: 13:00-13:00
Init Wgt/Vol.: 20 Units: g
Final Wgt/Vol: 5.00 Units: mL
pH Values.: I) .0 1) .0 2) .0
Extract Solv.: Amt..:
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
04980	Diesel Range Organics			250	NA	0	0		NA
05013	Motor Oil Range Organic			250	NA	0	0		NA
03052	TPH (as Diesel)			250	226.4781	90.59	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	10.651	85.2136		NA

Software Version: 4.1<2F12>
Sample Name : 371-LCS Time : 10/7/00 07:01 PM
Sample Number: DLEKJ102C Study : ICAL 9/27/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 06:32 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

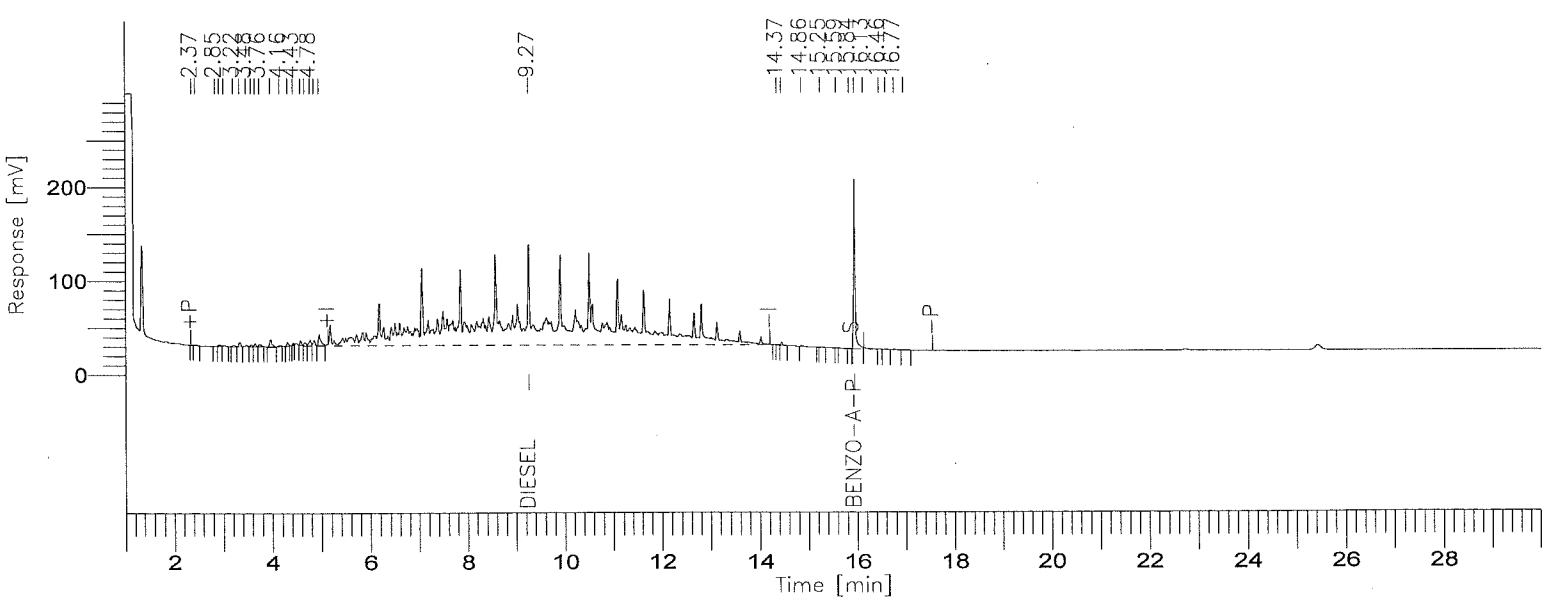
Raw Data File : C:\TC4\DATA_3\O06_076.RAW
Result File : C:\TC4\DATA_3\O06_076.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_076.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
' ltiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 33



001410

BOE-C6-0159832

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% RECOVERY	FN
9.268	DIESEL	8848562	226.4781	250.0000	90.59	
15.949	BENZO-A-PYRENE	379235	10.6517	12.5000	85.21	
		9227797				

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_076.TX0

Lot/Sample: E0I290371-025 C-2-22-1 TICs.....: N Report Results: Y
WO#.....: DLC8E-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: 10/07/00
Inject Time..: 19:11 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_077A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:55:49
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number: 0276246
Prep Time....: 13:00-17:00
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			5.5543	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	10.393	83.144		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-025 C-2-22-1 TICs.....: N Report Results: Y
WO#.....: DLC8E-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 : 371-25 Time : 10/9/00 03:37 PM
Sample Number: DLC8E102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 07:11 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

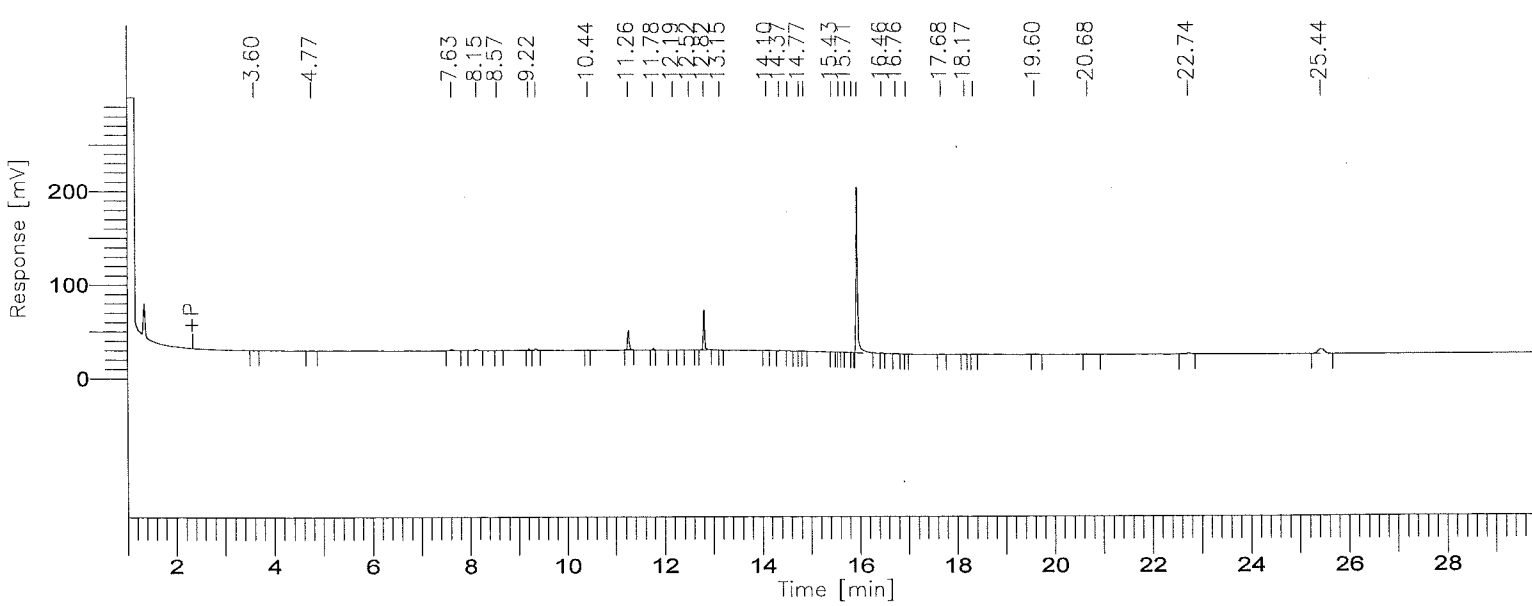
Raw Data File : C:\TC4\DATA_3\006_077A.RAW
Result File : C:\TC4\DATA_3\006_077A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\006_077A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\006.SEQ

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: 34



001414

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	2166	0.0495	-------	10.0	
6.07	C10-C11	0	0.0000	-------	10.0	
7.77	C12-C13	10610	0.2133	-------	10.0	
9.18	C14-C15	8983	0.1838	-------	10.0	
10.44	C16-C17	1238	0.0254	-------	10.0	
11.58	C18-C19	48638	0.9995	-------	10.0	
13.05	C20-C23	81034	0.8533	-------	10.0	
14.78	C24-C27	5400	0.0622	-------	10.0	
16.36	C28-C31	382146	5.2728	-------	10.0	
18.35	C32-C35	3488	0.0655	-------	10.0	
21.82	C36-C39	13408	0.3282	-------	10.0	
27.03	C40+	44247	2.6065	-------	10.0	
		601357	10.6599			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		780	0.0002	-------	10.0	
4.77		1386	0.0003	-------	10.0	
		2166	0.0005			

Group Report For : C10-C11

No peaks available to report

Group Report For : C12-C13

me [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.63		4681	0.0012	-------	10.0	
8.15		5929	0.0015	-------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
		10610	0.0027			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.57		472	0.0001	-------	10.0	
9.22		3429	0.0009	-------	10.0	
9.37		5082	0.0013	-------	10.0	
		8983	0.0022			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
44		1238	0.0003	-------	10.0	
		1238	0.0003			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		45812	0.0115	-------	10.0	
11.78		2826	0.0007	-------	10.0	
		48638	0.0122			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.19		700	0.0002	-------	10.0	
.52		484	0.0001	-------	10.0	
12.82		79472	0.0199	-------	10.0	
13.15		378	0.0001	-------	10.0	
		81034	0.0203			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.10		579	0.0001	-------	10.0	
14.37		2234	0.0006	-------	10.0	
14.53		841	0.0002	-------	10.0	
14.77		482	0.0001	-------	10.0	
14.86		717	0.0002	-------	10.0	
15.43		547	0.0001	-------	10.0	
		5400	0.0013			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.58		637	0.0002	-------	10.0	
15.71		1080	0.0003	-------	10.0	
15.84		1450	0.0004	-------	10.0	
15.95		373748	0.0934	-------	10.0	
[illegible]46		1745	0.0004	-------	10.0	
16.76		2802	0.0007	-------	10.0	
16.95		684	0.0002	-------	10.0	
		382146	0.0955			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.68		1406	0.0004	-------	10.0	
18.17		571	0.0001	-------	10.0	
18.34		1512	0.0004	-------	10.0	
		3488	0.0009			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.60		2942	0.0007	-------	10.0	
20.68		3966	0.0010	-------	10.0	
22.74		6498	0.0016	-------	10.0	

	13408	0.0034

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.44		44247	0.0111	-------	10.0	
		44247	0.0111			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_077A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-25 Time : 10/7/00 07:41 PM
Sample Number: DLC8E102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 07:11 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

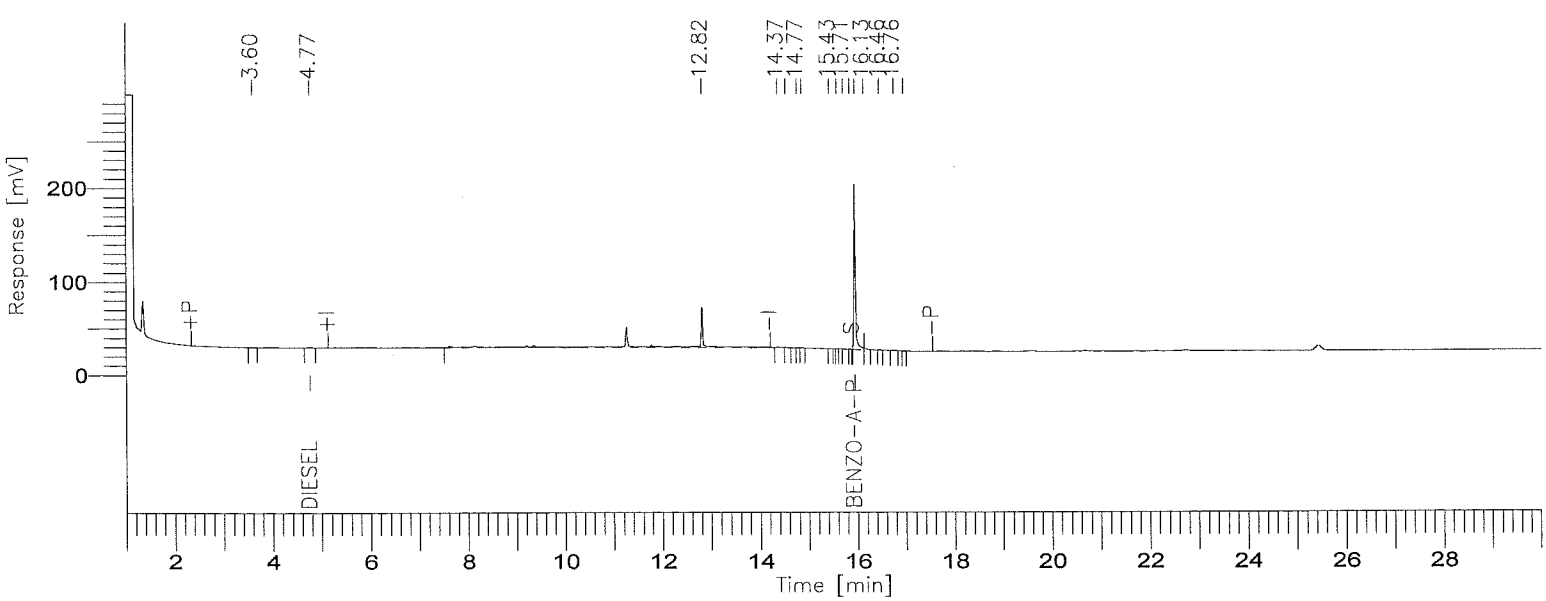
Raw Data File : C:\TC4\DATA_3\O06_077.RAW
Result File : C:\TC4\DATA_3\O06_077.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_077.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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



001419

BOE-C6-0159841

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.77	DIESEL	1386	0.0355	-------	10.0	
15.95	BENZO-A-PYRENE	370023	10.3930	83.14	10.0	
		371409	10.4284			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_077.TXO

Lot/Sample: E0I290371-026 C-2-22-5 TICs.....: N Report Results: Y
WO#.....: DLC8F-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: 10/07/00
Inject Time..: 19:50 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_078A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:56:02
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number: 0276246
Prep Time....: 13:00-17:00
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	11.643	93.1488		

Software Version: 4.1<2F12>
Sample Name : 371-26 Time : 10/9/00 03:37 PM
Sample Number: DLC8F102 Study : ICAL 9/27/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 07:50 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

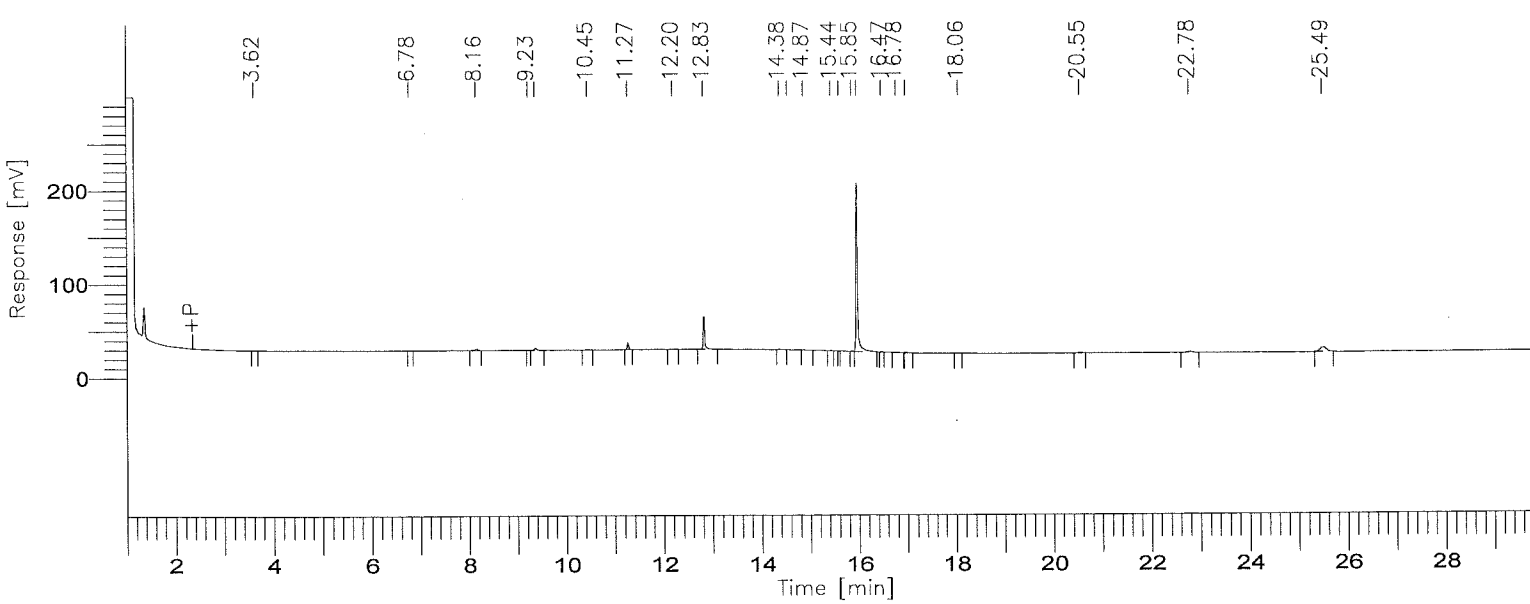
Raw Data File : C:\TC4\DATA_3\006_078A.RAW
Result File : C:\TC4\DATA_3\006_078A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\006_078A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\006.SEQ

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
' ltiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 23



001422

BOE-C6-0159844

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	624	0.0143	-------	10.0	
6.07	C10-C11	628	0.0134	-------	10.0	
7.77	C12-C13	5710	0.1148	-------	10.0	
9.18	C14-C15	6131	0.1254	-------	10.0	
10.44	C16-C17	1263	0.0259	-------	10.0	
11.58	C18-C19	13864	0.2849	-------	10.0	
13.05	C20-C23	84522	0.8900	-------	10.0	
14.78	C24-C27	7405	0.0853	-------	10.0	
16.36	C28-C31	430828	5.9445	-------	10.0	
18.35	C32-C35	1002	0.0188	-------	10.0	
21.82	C36-C39	9687	0.2371	-------	10.0	
27.03	C40+	43254	2.5480	-------	10.0	
		604916	10.3024			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.61		624	0.0002	-------	10.0	
		624	0.0002			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
6.78		628	0.0002	-------	10.0	
		628	0.0002			

oup Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

8.16		5710	0.0014	-------	10.0
		5710	0.0014		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.23		673	0.0002	-------	10.0	
9.38		5458	0.0014	-------	10.0	
		6131	0.0015			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.45		1263	0.0003	-------	10.0	
		1263	0.0003			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.27		13864	0.0035	-------	10.0	
		13864	0.0035			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.20		624	0.0002	-------	10.0	
12.82		83898	0.0210	-------	10.0	
		84522	0.0211			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

14.38		2810	0.0007	-------	10.0
14.55		2026	0.0005	-------	10.0
1 87		1534	0.0004	-------	10.0
1 .44		1034	0.0003	-------	10.0
		7405	0.0019		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.60		606	0.0002	-------	10.0	
15.85		1640	0.0004	-------	10.0	
15.96		422587	0.1056	-------	10.0	
16.47		2017	0.0005	-------	10.0	
16.78		2296	0.0006	-------	10.0	
16.97		1683	0.0004	-------	10.0	
		430828	0.1077			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.06		1002	0.0003	-------	10.0	
		1002	0.0003			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
20.55		2212	0.0006	-------	10.0	
22.78		7475	0.0019	-------	10.0	
		9687	0.0024			

Group Report For : C40+

me [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.49		43254	0.0108	-------	10.0	
		43254	0.0108			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_078A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-26 Time : 10/7/00 08:20 PM
Sample Number: DLC8F102 Study : ICAL 9/27/00
(rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 07:50 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

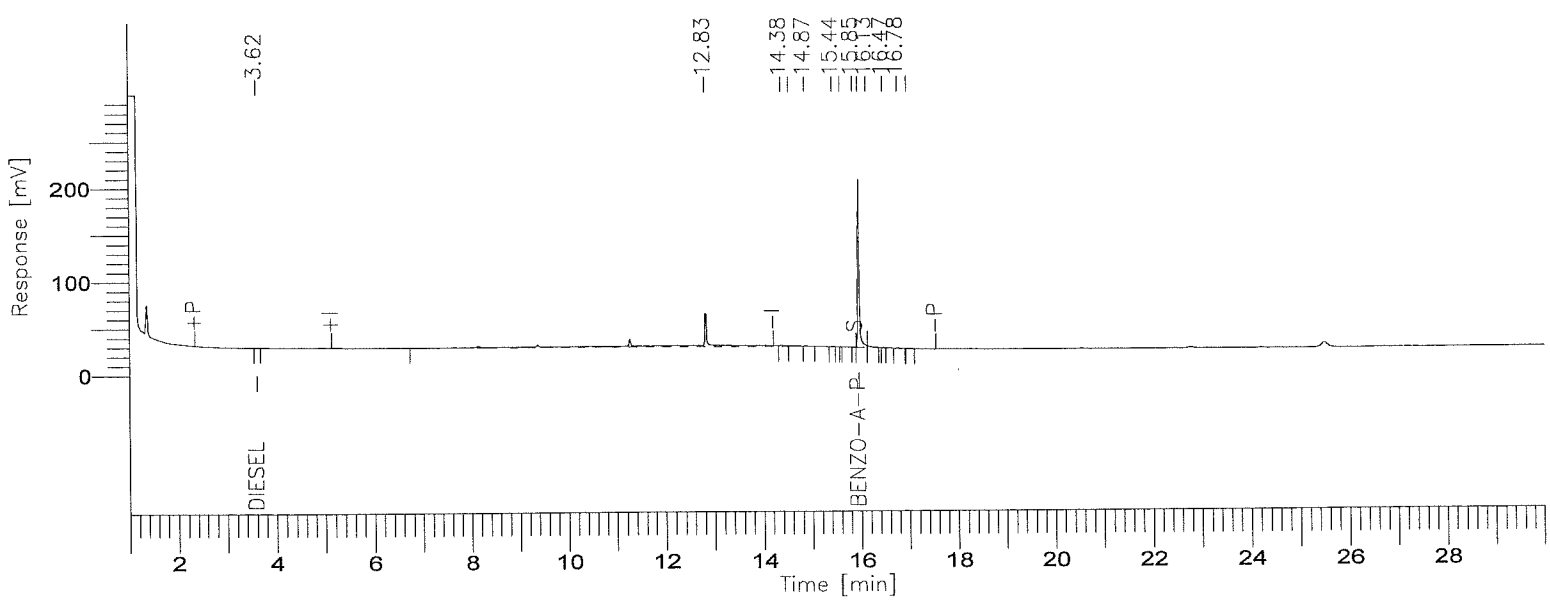
Raw Data File : C:\TC4\DATA_3\O06_078.RAW
Result File : C:\TC4\DATA_3\O06_078.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_078.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
' ltiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 13



001427

BOE-C6-0159849

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.61	DIESEL	624	0.0160	-------	10.0	
15.96	BENZO-A-PYRENE	414550	11.6436	93.15	10.0	
		415174	11.6596			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_078.TX0

Lot/Sample: E0I290371-031 C-2-27-5 TICs.....: N Report Results: Y
WO#.....: DLC8L-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: 10/07/00
Inject Time..: 20:30 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_079A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:56:17
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number: 0276246
Prep Time....: 13:00-17:00
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	9.2889	74.3112		

Software Version: 4.1<2F12>
Sample Name : 371-31 Time : 10/9/00 03:37 PM
Sample Number: DLC8L102 Study : ICAL 9/27/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 08:30 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

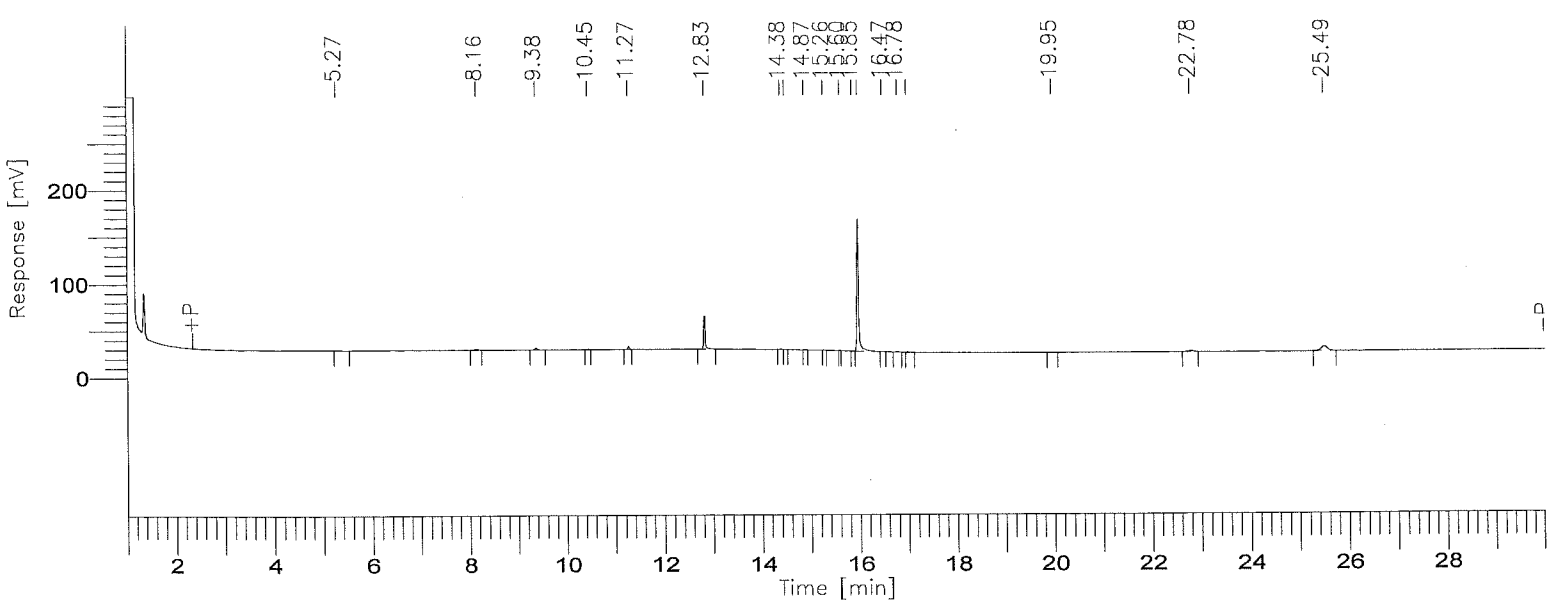
Raw Data File : C:\TC4\DATA_3\006_079A.RAW
Result File : C:\TC4\DATA_3\006_079A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\006_079A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\006.SEQ

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
' ltiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 19



001429

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	0	0.0000	-------	10.0	
6.07	C10-C11	1087	0.0232	-------	10.0	
7.77	C12-C13	5725	0.1151	-------	10.0	
9.18	C14-C15	5406	0.1106	-------	10.0	
10.44	C16-C17	1118	0.0229	-------	10.0	
11.58	C18-C19	6215	0.1277	-------	10.0	
13.05	C20-C23	84926	0.8943	-------	10.0	
14.78	C24-C27	3854	0.0444	-------	10.0	
16.36	C28-C31	345599	4.7685	-------	10.0	
18.35	C32-C35	0	0.0000	-------	10.0	
21.82	C36-C39	8776	0.2148	-------	10.0	
27.03	C40+	44738	2.6354	-------	10.0	
		507443	8.9569			

Group Report For : C8-C9

No peaks available to report

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.27		1087	0.0003	-------	10.0	
		1087	0.0003			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.16		5725	0.0014	-------	10.0	
		5725	0.0014			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.38		5406	0.0014	-------	10.0	
		5406	0.0014			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.45		1118	0.0003	-------	10.0	
		1118	0.0003			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.27		6215	0.0016	-------	10.0	
		6215	0.0016			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.83		84926	0.0212	-------	10.0	
		84926	0.0212			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.38		1307	0.0003	-------	10.0	
.47		744	0.0002	-------	10.0	
14.87		923	0.0002	-------	10.0	
15.26		880	0.0002	-------	10.0	
		3854	0.0010			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.60		456	0.0001	-------	10.0	
15.85		1326	0.0003	-------	10.0	
15.96		339348	0.0848	-------	10.0	
16.47		1920	0.0005	-------	10.0	
16.78		1459	0.0004	-------	10.0	
16.97		1090	0.0003	-------	10.0	
		345599	0.0864			

Group Report For : C32-C35

No peaks available to report

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.95		1418	0.0004	-------	10.0	
22.78		7357	0.0018	-------	10.0	
		8776	0.0022			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.49		44738	0.0112	-------	10.0	
		44738	0.0112			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_079A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-31 Time : 10/7/00 08:59 PM
Sample Number: DLC8L102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 08:30 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

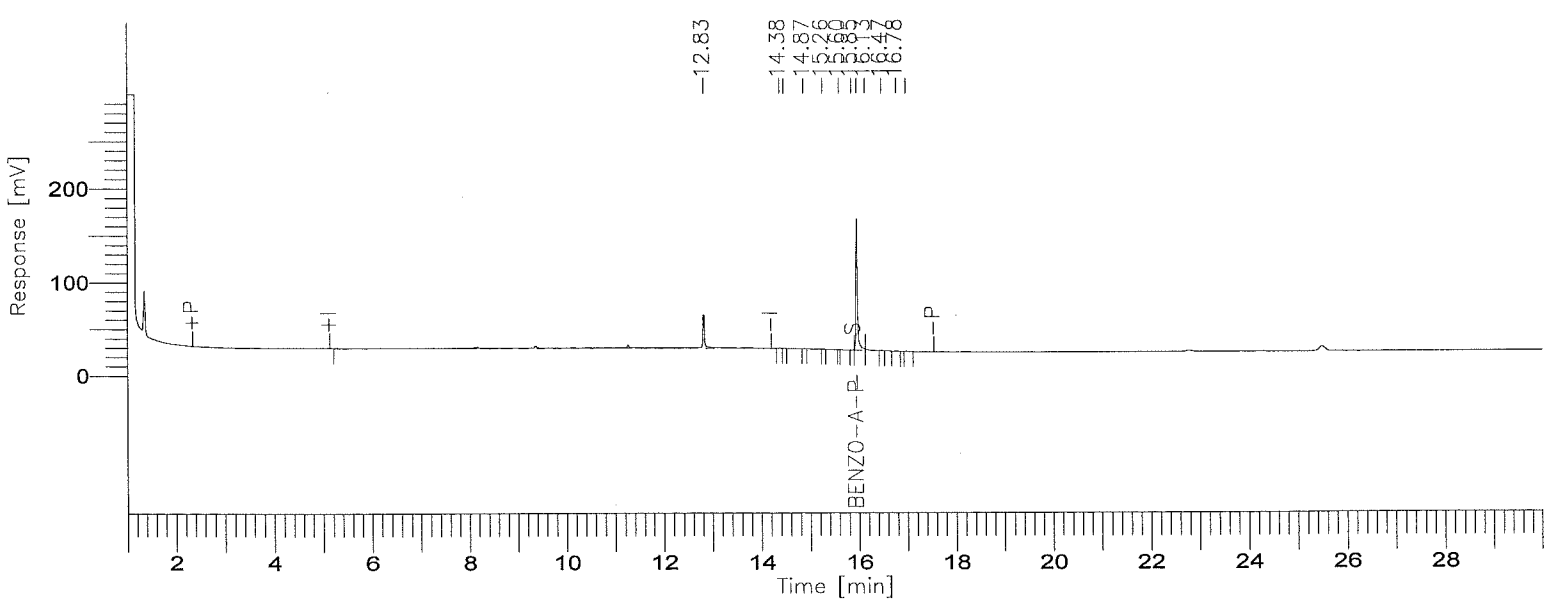
Raw Data File : C:\TC4\DATA_3\O06_079.RAW
Result File : C:\TC4\DATA_3\O06_079.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_079.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.62	DIESEL	0	0.0000	-------	10.0	
15.96	BENZO-A-PYRENE	330713	9.2889	74.31	10.0	
		330713	9.2889			

Missing Component Report

Component	Expected Retention (Calibration File)
DIESEL	7.618

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_079.TXO

Lot/Sample: E0I290371-033 C-2-28-5 TICs.....: N Report Results: Y
WO#.....: DLC8N-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: 10/07/00
Inject Time..: 21:09 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_080A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:57:16
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number: 0276246
Prep Time....: 13:00-17:00
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			5.0908	10	5	J	J
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			11.4673	10	5		

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	9.5617	76.4936		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-033 C-2-28-5 TICs.....: N Report Results: Y
WO#.....: DLC8N-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 : 371-33 Time : 10/9/00 03:37 PM
Sample Number: DLC8N102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 09:09 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

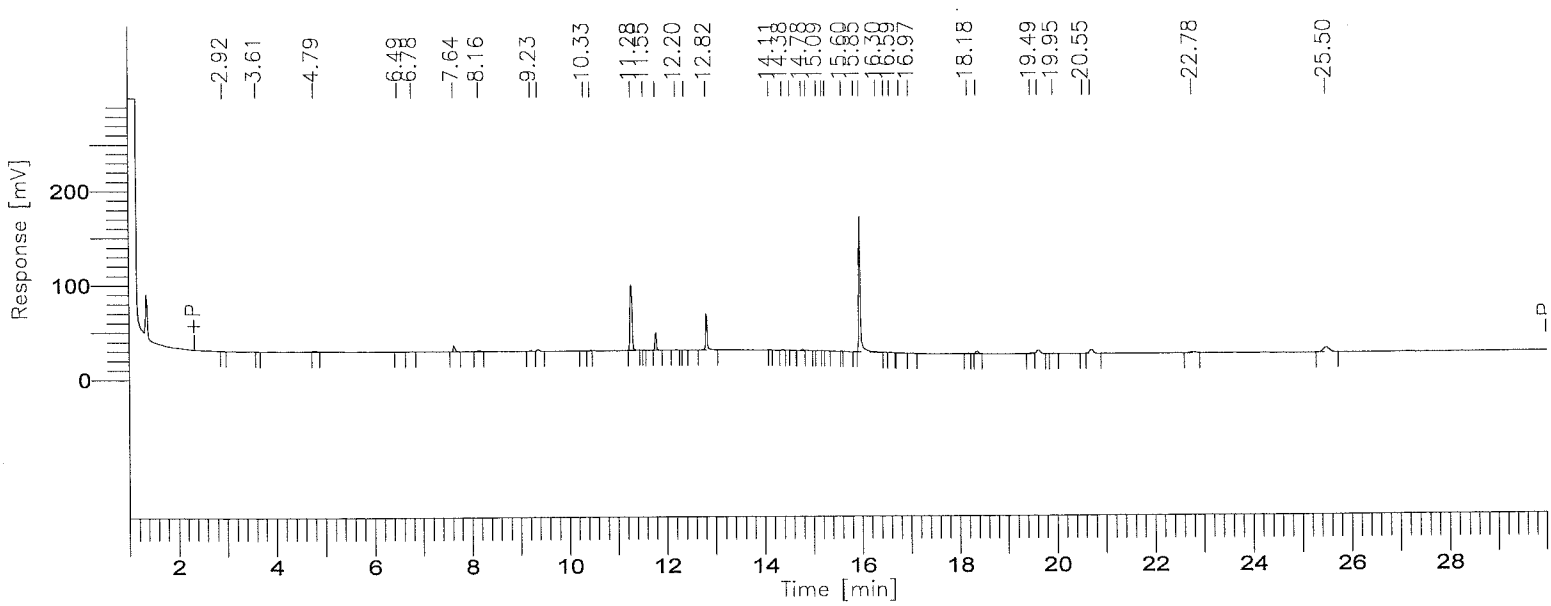
Raw Data File : C:\TC4\DATA_3\006_080A.RAW
Result File : C:\TC4\DATA_3\006_080A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\006_080A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\006.SEQ

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: 42



001438

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	7339	0.1679	-------	10.0	
6.07	C10-C11	1953	0.0417	-------	10.0	
7.77	C12-C13	21364	0.4294	-------	10.0	
9.18	C14-C15	6990	0.1430	-------	10.0	
10.44	C16-C17	2506	0.0515	-------	10.0	
11.58	C18-C19	247720	5.0908	-------	10.0	
13.05	C20-C23	88276	0.9296	-------	10.0	
14.78	C24-C27	13473	0.1552	-------	10.0	
16.36	C28-C31	362389	5.0002	-------	10.0	
18.35	C32-C35	16770	0.3147	-------	10.0	
21.82	C36-C39	48520	1.1878	-------	10.0	
27.03	C40+	45036	2.6529	-------	10.0	
		862335	16.1645			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.92		943	0.0002	-------	10.0	
3.61		461	0.0001	-------	10.0	
4.78		5935	0.0015	-------	10.0	
		7339	0.0018			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
6.49		1090	0.0003	-------	10.0	
6.78		862	0.0002	-------	10.0	
		1953	0.0005			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.64		15640	0.0039	-------	10.0	
8.16		5724	0.0014	-------	10.0	
		21364	0.0053			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.23		1931	0.0005	-------	10.0	
9.38		5059	0.0013	-------	10.0	
		6990	0.0017			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.33		841	0.0002	-------	10.0	
10.45		1666	0.0004	-------	10.0	
		2506	0.0006			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.28		206973	0.0517	-------	10.0	
11.55		665	0.0002	-------	10.0	
11.79		40082	0.0100	-------	10.0	
		247720	0.0619			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.20		873	0.0002	-------	10.0	
12.38		490	0.0001	-------	10.0	
12.82		86913	0.0217	-------	10.0	

88276	0.0221	

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.11		1658	0.0004	-------	10.0	
14.38		2553	0.0006	-------	10.0	
14.54		771	0.0002	-------	10.0	
14.77		3836	0.0010	-------	10.0	
14.87		1243	0.0003	-------	10.0	
15.08		988	0.0002	-------	10.0	
15.20		936	0.0002	-------	10.0	
15.26		1489	0.0004	-------	10.0	
		13473	0.0034			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.60		579	0.0001	-------	10.0	
15.85		1633	0.0004	-------	10.0	
15.96		345382	0.0863	-------	10.0	
16.30		7235	0.0018	-------	10.0	
16.47		2461	0.0006	-------	10.0	
16.59		2376	0.0006	-------	10.0	
16.78		1547	0.0004	-------	10.0	
16.97		1175	0.0003	-------	10.0	
		362389	0.0906			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.18		2407	0.0006	-------	10.0	
18.36		9548	0.0024	-------	10.0	
19.49		4815	0.0012	-------	10.0	
		16770	0.0042			

Group Report For : C36-C39

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
1[illegible] 63		18636	0.0047	-------	10.0
1[illegible].95		1392	0.0003	-------	10.0
20.55		759	0.0002	-------	10.0
20.71		20727	0.0052	-------	10.0
22.78		7006	0.0018	-------	10.0
		48520	0.0121		

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.50		45036	0.0113	-------	10.0	
		45036	0.0113			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_080A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-33 Time : 10/7/00 09:39 PM
Sample Number: DLC8N102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 09:09 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

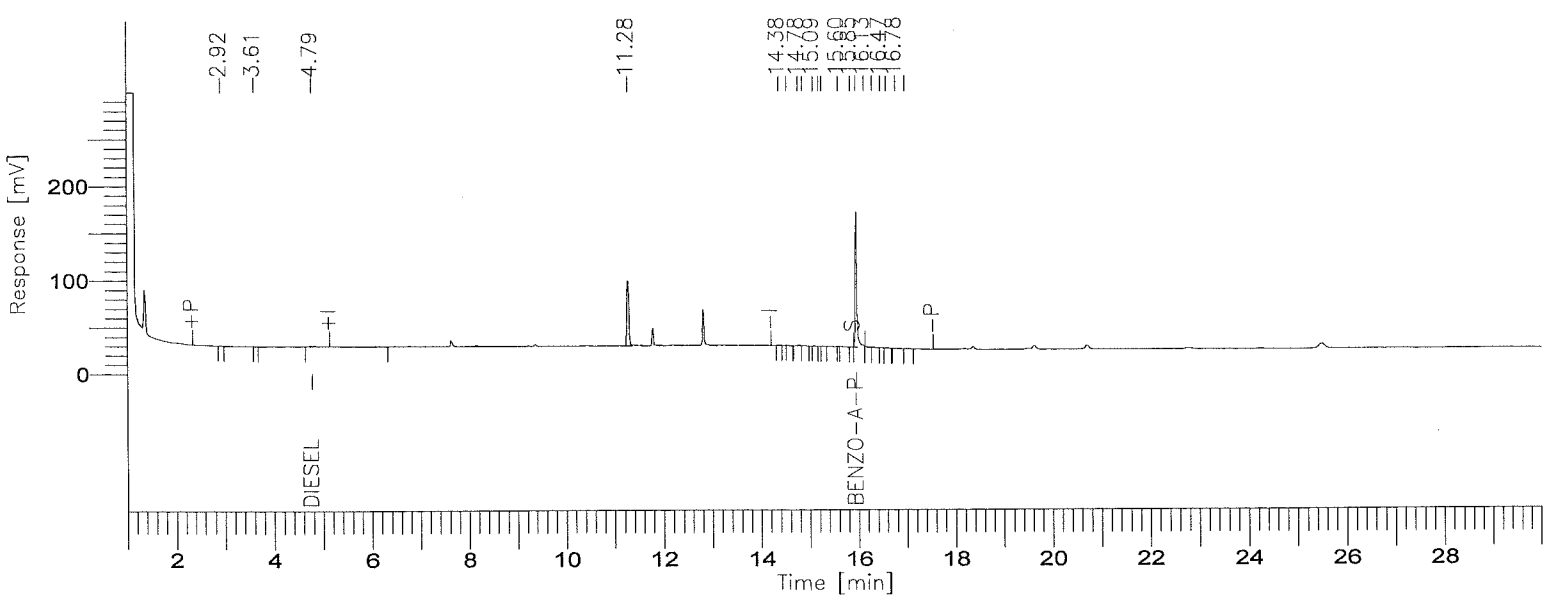
Raw Data File : C:\TC4\DATA_3\006_080.RAW
Result File : C:\TC4\DATA_3\006_080.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\006_080.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\006.SEQ

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



001443

BOE-C6-0159866

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.78	DIESEL	13116	0.3357	-------	10.0	
15.96	BENZO-A-PYRENE	340426	9.5617	76.49	10.0	
		353542	9.8974			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_080.TX0

Lot/Sample: E0I290371-035 C-2-29-1 TICs.....: N Report Results: Y
WO#.....: DLC8Q-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: 10/07/00
Inject Time..: 21:49 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_081A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:57:25
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number: 0276246
Prep Time....: 13:00-17:00
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			8.4905	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	9.7458	77.9664		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-035 C-2-29-1 TICs.....: N Report Results: Y
WO#.....: DLC8Q-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 : 371-35 Time : 10/7/00 10:18 PM
Sample Number: DLC8Q102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 09:49 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

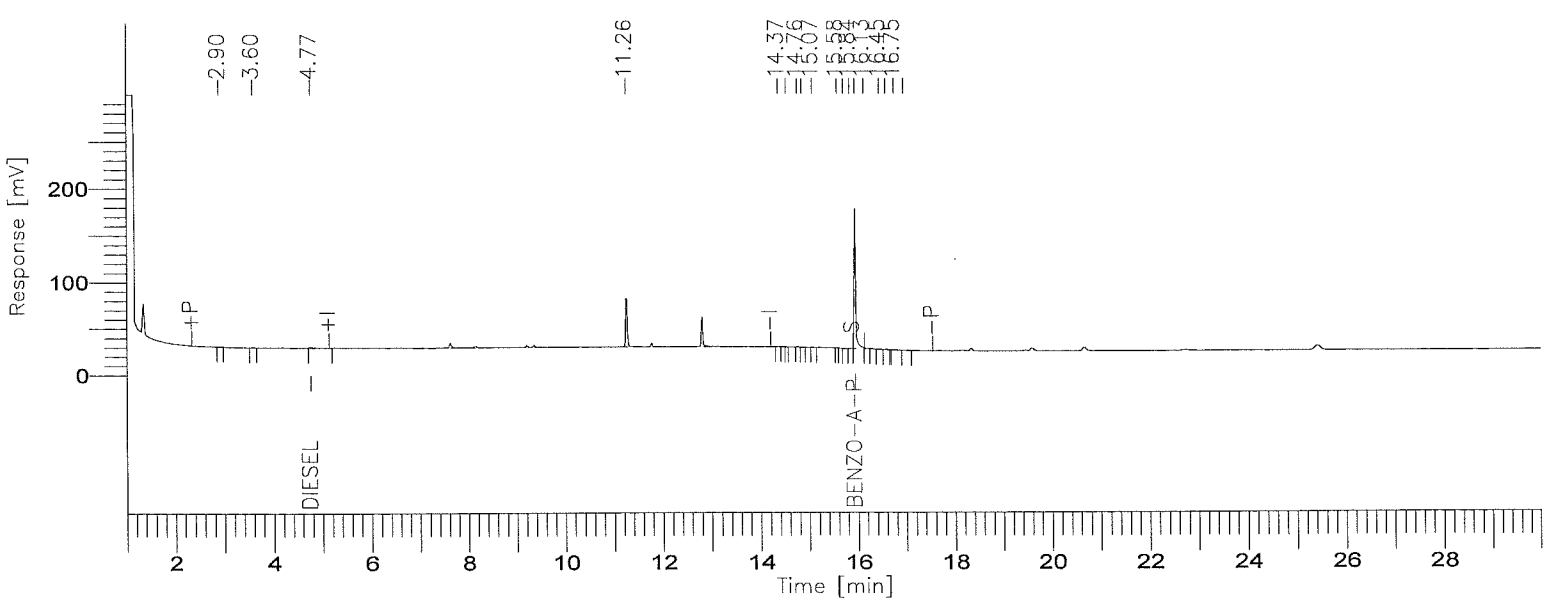
Raw Data File : C:\TC4\DATA_3\O06_081.RAW
Result File : C:\TC4\DATA_3\O06_081.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_081.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.77	DIESEL	6076	0.1555	-------	10.0	
15.95	BENZO-A-PYRENE	346980	9.7458	77.97	10.0	
		353057	9.9013			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_081.TX0

Software Version: 4.1<2F12>
Sample Name : 371-35 Time : 10/9/00 03:37 PM
Sample Number: DLC8Q102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 09:49 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

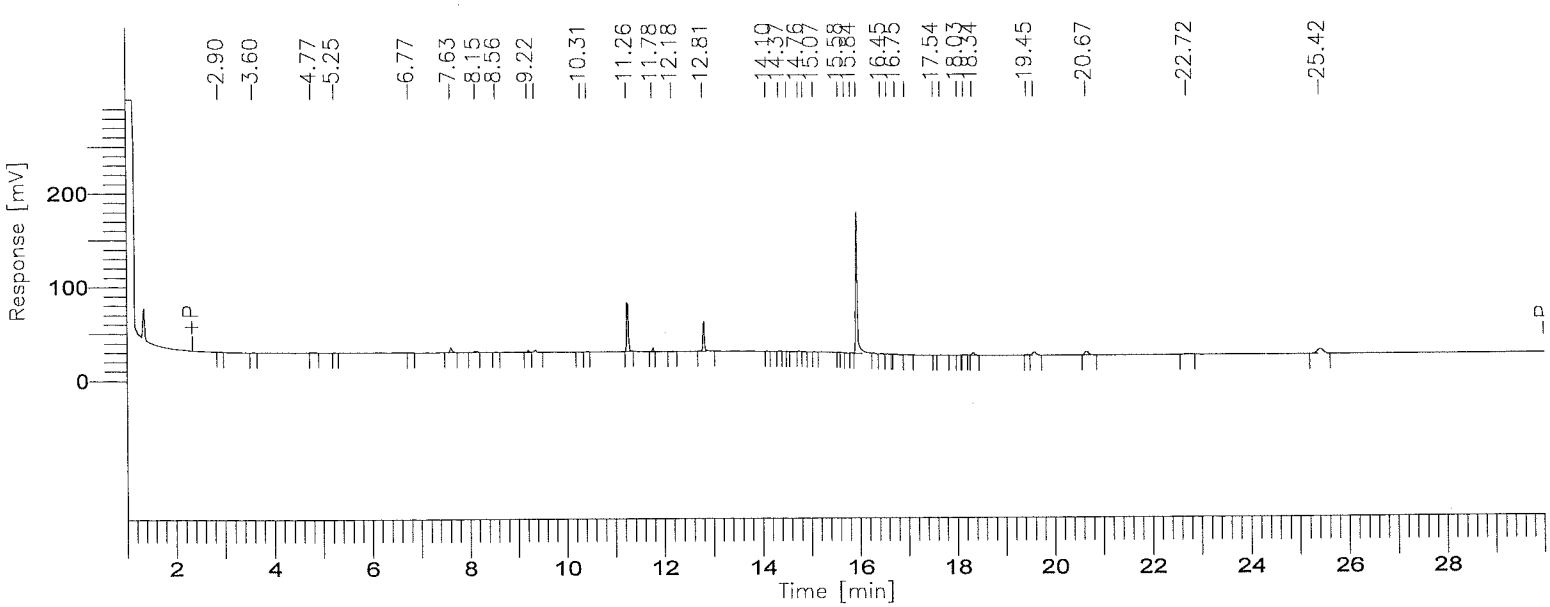
Raw Data File : C:\TC4\DATA_3\O06_081A.RAW
Result File : C:\TC4\DATA_3\O06_081A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_081A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 40



001449

BOE-C6-0159872

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	5802	0.1327	-------	10.0	
6.07	C10-C11	1712	0.0365	-------	10.0	
7.77	C12-C13	19635	0.3946	-------	10.0	
9.18	C14-C15	10202	0.2087	-------	10.0	
10.44	C16-C17	2221	0.0456	-------	10.0	
11.58	C18-C19	136276	2.8005	-------	10.0	
13.05	C20-C23	70260	0.7399	-------	10.0	
14.78	C24-C27	8091	0.0932	-------	10.0	
16.36	C28-C31	361346	4.9858	-------	10.0	
18.35	C32-C35	17736	0.3328	-------	10.0	
21.82	C36-C39	41177	1.0080	-------	10.0	
27.03	C40+	42435	2.4997	-------	10.0	
		716894	13.2781			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.90		711	0.0002	-------	10.0	
3.60		678	0.0002	-------	10.0	
4.77		4412	0.0011	-------	10.0	
		5802	0.0015			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		616	0.0002	-------	10.0	
6.76		1096	0.0003	-------	10.0	
		1712	0.0004			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
..63		13851	0.0035	-------	10.0	
8.15		5784	0.0014	-------	10.0	
		19635	0.0049			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.56		720	0.0002	-------	10.0	
9.22		4172	0.0010	-------	10.0	
9.36		5311	0.0013	-------	10.0	
		10202	0.0026			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.31		758	0.0002	-------	10.0	
10.44		1463	0.0004	-------	10.0	
		2221	0.0006			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		129043	0.0323	-------	10.0	
11.78		7233	0.0018	-------	10.0	
		136276	0.0341			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.18		896	0.0002	-------	10.0	
12.81		69364	0.0173	-------	10.0	
		70260	0.0176			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.10		556	0.0001	-------	10.0	
14.37		2206	0.0006	-------	10.0	
14.53		431	0.0001	-------	10.0	
14.76		2514	0.0006	-------	10.0	
14.85		915	0.0002	-------	10.0	
15.07		843	0.0002	-------	10.0	
15.58		627	0.0002	-------	10.0	
		8091	0.0020			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.72		770	0.0002	-------	10.0	
15.84		1642	0.0004	-------	10.0	
15.95		350059	0.0875	-------	10.0	
[illegible]45		2191	0.0005	-------	10.0	
[illegible].58		2655	0.0007	-------	10.0	
16.75		2707	0.0007	-------	10.0	
16.95		1323	0.0003	-------	10.0	
		361346	0.0903			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.54		437	0.0001	-------	10.0	
17.68		1924	0.0005	-------	10.0	
18.03		850	0.0002	-------	10.0	
18.16		2068	0.0005	-------	10.0	
18.34		8586	0.0021	-------	10.0	
19.45		3872	0.0010	-------	10.0	
		17736	0.0044			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

19.59	15814	0.0040	-------	10.0
20.66	18908	0.0047	-------	10.0
? 72	6455	0.0016	-------	10.0
	41177	0.0103		

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.42		42435	0.0106	-------	10.0	
		42435	0.0106			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_081A.TX0

Lot/Sample: E0I290371-036 C-2-29-5 TICs.....: N Report Results: Y
WO#.....: DLC8R-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: 10/07/00
Inject Time..: 22:28 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_082A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/13 9:44:08
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number: 0276246
Prep Time....: 13:00-17:00
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			8.9048	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	10.735	85.8832		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-036 C-2-29-5 TICs.....: N Report Results: Y
WO#.....: DLC8R-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 : 371-36 Time : 10/9/00 03:37 PM
Sample Number: DLC8R102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 10:28 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

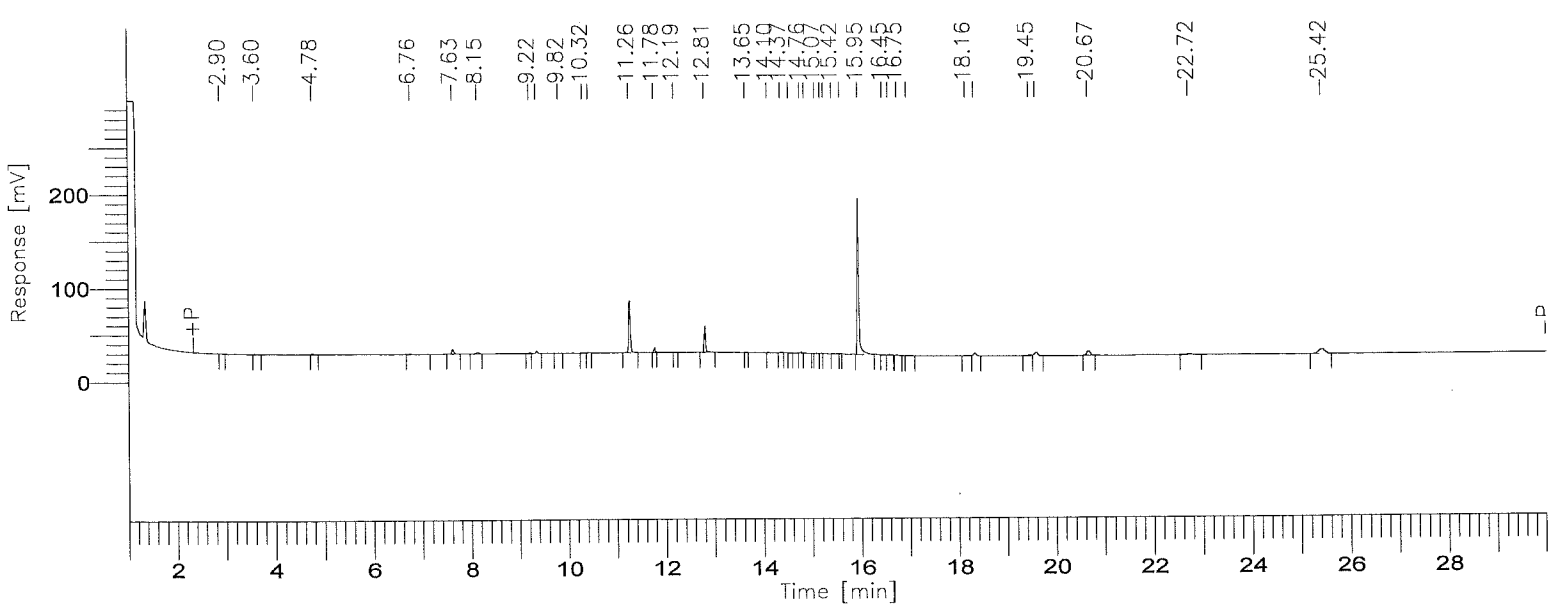
Raw Data File : C:\TC4\DATA_3\006_082A.RAW
Result File : C:\TC4\DATA_3\006_082A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\006_082A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\006.SEQ

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: 38



001456

BOE-C6-0159879

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	6188	0.1416	-------	10.0	
6.07	C10-C11	289	0.0062	-------	10.0	
7.77	C12-C13	19412	0.3902	-------	10.0	
9.18	C14-C15	7291	0.1492	-------	10.0	
10.44	C16-C17	2315	0.0475	-------	10.0	
11.58	C18-C19	150188	3.0864	-------	10.0	
13.05	C20-C23	60685	0.6390	-------	10.0	
14.78	C24-C27	13334	0.1536	-------	10.0	
16.36	C28-C31	395158	5.4523	-------	10.0	
18.35	C32-C35	20541	0.3855	-------	10.0	
21.82	C36-C39	47373	1.1597	-------	10.0	
27.03	C40+	43584	2.5674	-------	10.0	
		766358	14.1785			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.90		714	0.0002	-------	10.0	
3.60		938	0.0002	-------	10.0	
4.77		4536	0.0011	-------	10.0	
		6188	0.0015			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
6.76		289	0.0001	-------	10.0	
		289	0.0001			

Group Report For : C12-C13

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
7.63		13794	0.0034	-------	10.0
8.14		5618	0.0014	-------	10.0
		19412	0.0049		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.22		1750	0.0004	-------	10.0	
9.36		4764	0.0012	-------	10.0	
9.82		777	0.0002	-------	10.0	
		7291	0.0018			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.31		737	0.0002	-------	10.0	
10.43		1578	0.0004	-------	10.0	
		2315	0.0006			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		141077	0.0353	-------	10.0	
11.78		9111	0.0023	-------	10.0	
		150188	0.0375			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.19		492	0.0001	-------	10.0	
12.81		59823	0.0150	-------	10.0	
13.65		370	0.0001	-------	10.0	
		60685	0.0152			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.10		1458	0.0004	-------	10.0	
14.37		3202	0.0008	-------	10.0	
14.53		537	0.0001	-------	10.0	
14.76		3076	0.0008	-------	10.0	
14.85		1147	0.0003	-------	10.0	
15.07		962	0.0002	-------	10.0	
15.18		455	0.0001	-------	10.0	
15.25		1762	0.0004	-------	10.0	
15.42		735	0.0002	-------	10.0	
		13334	0.0033			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.58		490	0.0001	-------	10.0	
[illegible]95		386456	0.0966	-------	10.0	
[illegible].45		1941	0.0005	-------	10.0	
16.58		3010	0.0008	-------	10.0	
16.75		2074	0.0005	-------	10.0	
16.95		1187	0.0003	-------	10.0	
		395158	0.0988			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.16		4730	0.0012	-------	10.0	
18.34		11200	0.0028	-------	10.0	
19.45		4611	0.0012	-------	10.0	
		20541	0.0051			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.59		17221	0.0043	-------	10.0	
20.67		22748	0.0057	-------	10.0	

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.10		1458	0.0004	-------	10.0	
14.37		3202	0.0008	-------	10.0	
14.53		537	0.0001	-------	10.0	
14.76		3076	0.0008	-------	10.0	
14.85		1147	0.0003	-------	10.0	
15.07		962	0.0002	-------	10.0	
15.18		455	0.0001	-------	10.0	
15.25		1762	0.0004	-------	10.0	
15.42		735	0.0002	-------	10.0	
		13334	0.0033			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.58		490	0.0001	-------	10.0	
[illegible]95		386456	0.0966	-------	10.0	
[illegible].45		1941	0.0005	-------	10.0	
16.58		3010	0.0008	-------	10.0	
16.75		2074	0.0005	-------	10.0	
16.95		1187	0.0003	-------	10.0	
		395158	0.0988			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.16		4730	0.0012	-------	10.0	
18.34		11200	0.0028	-------	10.0	
19.45		4611	0.0012	-------	10.0	
		20541	0.0051			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.59		17221	0.0043	-------	10.0	
20.67		22748	0.0057	-------	10.0	

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.10		1458	0.0004	-------	10.0	
14.37		3202	0.0008	-------	10.0	
14.53		537	0.0001	-------	10.0	
14.76		3076	0.0008	-------	10.0	
14.85		1147	0.0003	-------	10.0	
15.07		962	0.0002	-------	10.0	
15.18		455	0.0001	-------	10.0	
15.25		1762	0.0004	-------	10.0	
15.42		735	0.0002	-------	10.0	
		13334	0.0033			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.58		490	0.0001	-------	10.0	
[illegible]95		386456	0.0966	-------	10.0	
[illegible].45		1941	0.0005	-------	10.0	
16.58		3010	0.0008	-------	10.0	
16.75		2074	0.0005	-------	10.0	
16.95		1187	0.0003	-------	10.0	
		395158	0.0988			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.16		4730	0.0012	-------	10.0	
18.34		11200	0.0028	-------	10.0	
19.45		4611	0.0012	-------	10.0	
		20541	0.0051			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.59		17221	0.0043	-------	10.0	
20.67		22748	0.0057	-------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
22.72		7403	0.0019	-------	10.0	
		47373	0.0118			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.42		43584	0.0109	-------	10.0	
		43584	0.0109			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

[illegible] - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_082A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-36 Time : 10/7/00 10:58 PM
Sample Number: DLC8R102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 10:28 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

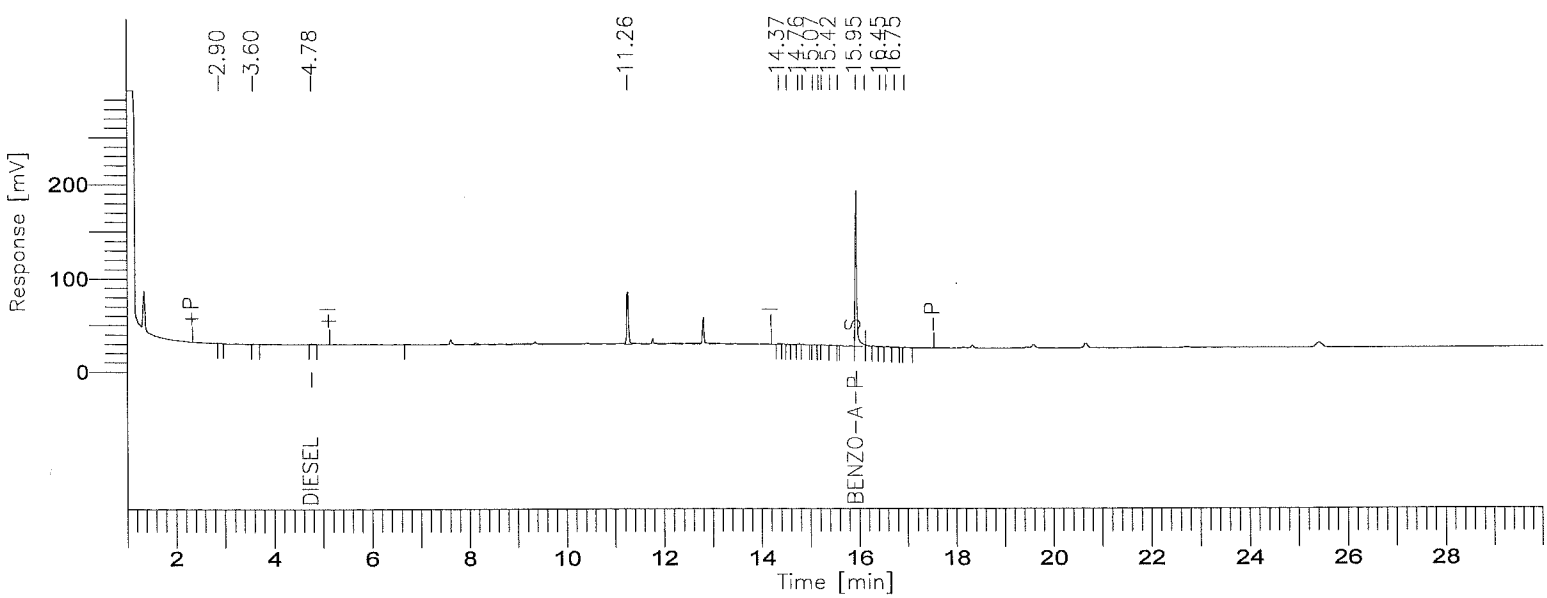
Raw Data File : C:\TC4\DATA_3\O06_082.RAW
Result File : C:\TC4\DATA_3\O06_082.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_082.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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



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BOE-C6-0159886

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.77	DIESEL	4536	0.1161	-------	10.0	
15.95	BENZO-A-PYRENE	382213	10.7354	85.88	10.0	
		386749	10.8515			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_082.TX0

Lot/Sample: E0I290371-037 C-2-30-5 TICs.....: N Report Results: Y
WO#.....: DLC8T-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: 10/07/00
Inject Time..: 23:07 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_083A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:57:56
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number: 0276246
Prep Time....: 13:00-17:00
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			8.5568	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	8.9016	71.2128		

Notes:
J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-037 C-2-30-5 TICs.....: N Report Results: Y
WO#.....: DLC8T-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 : 371-37 Time : 10/9/00 03:37 PM
Sample Number: DLC8T102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 11:07 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

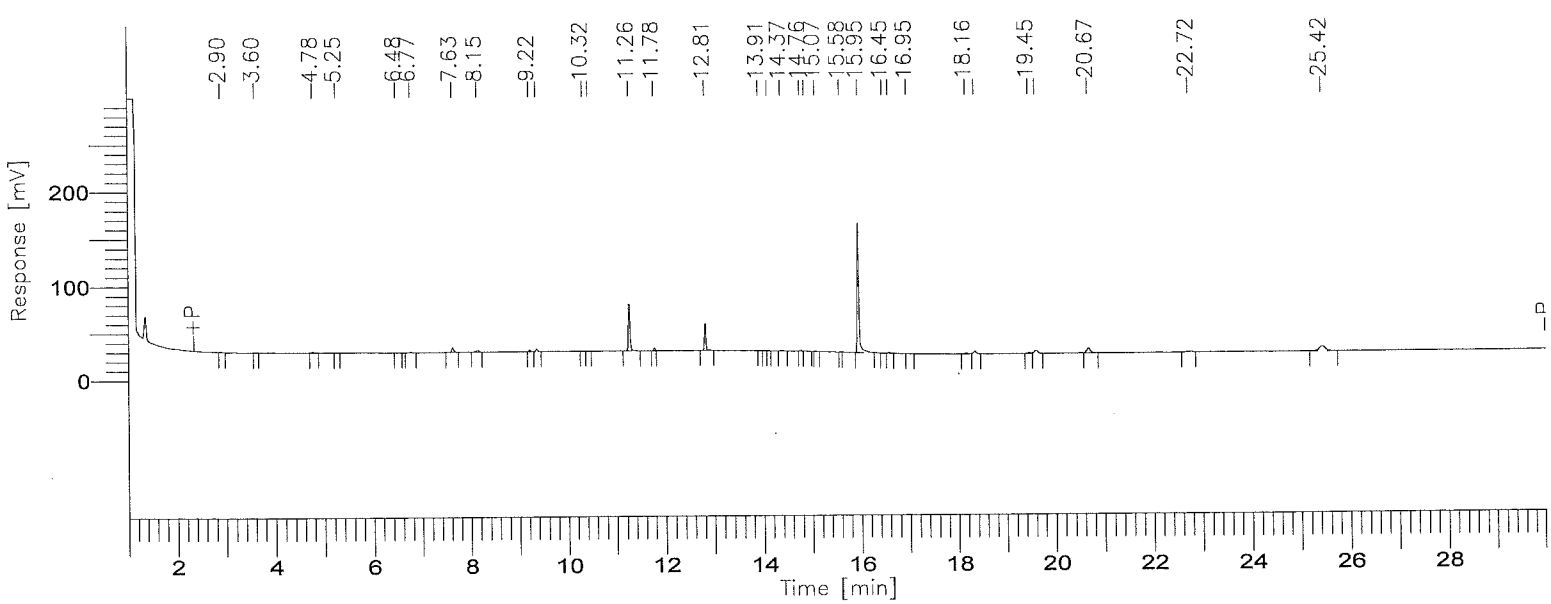
Raw Data File : C:\TC4\DATA_3\O06_083A.RAW
Result File : C:\TC4\DATA_3\O06_083A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_083A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 33



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	5827	0.1333	-------	10.0	
6.07	C10-C11	3240	0.0691	-------	10.0	
7.77	C12-C13	19040	0.3827	-------	10.0	
9.18	C14-C15	8544	0.1748	-------	10.0	
10.44	C16-C17	2626	0.0539	-------	10.0	
11.58	C18-C19	129951	2.6705	-------	10.0	
13.05	C20-C23	58630	0.6174	-------	10.0	
14.78	C24-C27	8304	0.0956	-------	10.0	
16.36	C28-C31	326650	4.5070	-------	10.0	
18.35	C32-C35	19174	0.3598	-------	10.0	
21.82	C36-C39	46074	1.1279	-------	10.0	
27.03	C40+	46472	2.7375	-------	10.0	
		674533	12.9297			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.90		845	0.0002	-------	10.0	
3.60		602	0.0002	-------	10.0	
4.78		4380	0.0011	-------	10.0	
		5827	0.0015			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		891	0.0002	-------	10.0	
6.48		867	0.0002	-------	10.0	
6.77		1482	0.0004	-------	10.0	
		3240	0.0008			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
[illegible].63		12698	0.0032	-------	10.0	
8.15		6342	0.0016	-------	10.0	
		19040	0.0048			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.22		3128	0.0008	-------	10.0	
9.36		5417	0.0014	-------	10.0	
		8544	0.0021			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.32		717	0.0002	-------	10.0	
10.44		1909	0.0005	-------	10.0	
		2626	0.0007			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		124931	0.0312	-------	10.0	
11.78		5020	0.0013	-------	10.0	
		129951	0.0325			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.81		58296	0.0146	-------	10.0	
13.91		334	0.0001	-------	10.0	
		58630	0.0147			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.10		895	0.0002	-------	10.0	
14.37		2208	0.0006	-------	10.0	
14.76		2862	0.0007	-------	10.0	
14.85		1066	0.0003	-------	10.0	
15.07		1272	0.0003	-------	10.0	
		8304	0.0021			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.58		526	0.0001	-------	10.0	
15.95		320324	0.0801	-------	10.0	
16.45		1690	0.0004	-------	10.0	
16.58		3245	0.0008	-------	10.0	
16.95		865	0.0002	-------	10.0	
		326650	0.0817			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.16		4472	0.0011	-------	10.0	
18.34		10443	0.0026	-------	10.0	
19.45		4258	0.0011	-------	10.0	
		19174	0.0048			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.60		16089	0.0040	-------	10.0	
.67		24136	0.0060	-------	10.0	
22.72		5850	0.0015	-------	10.0	
		46074	0.0115			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.42		46472	0.0116	-------	10.0	
		46472	0.0116			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_083A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-37 Time : 10/7/00 11:37 PM
Sample Number: DLC8T102 Study : ICAL 9/27/00
(rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 11:07 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

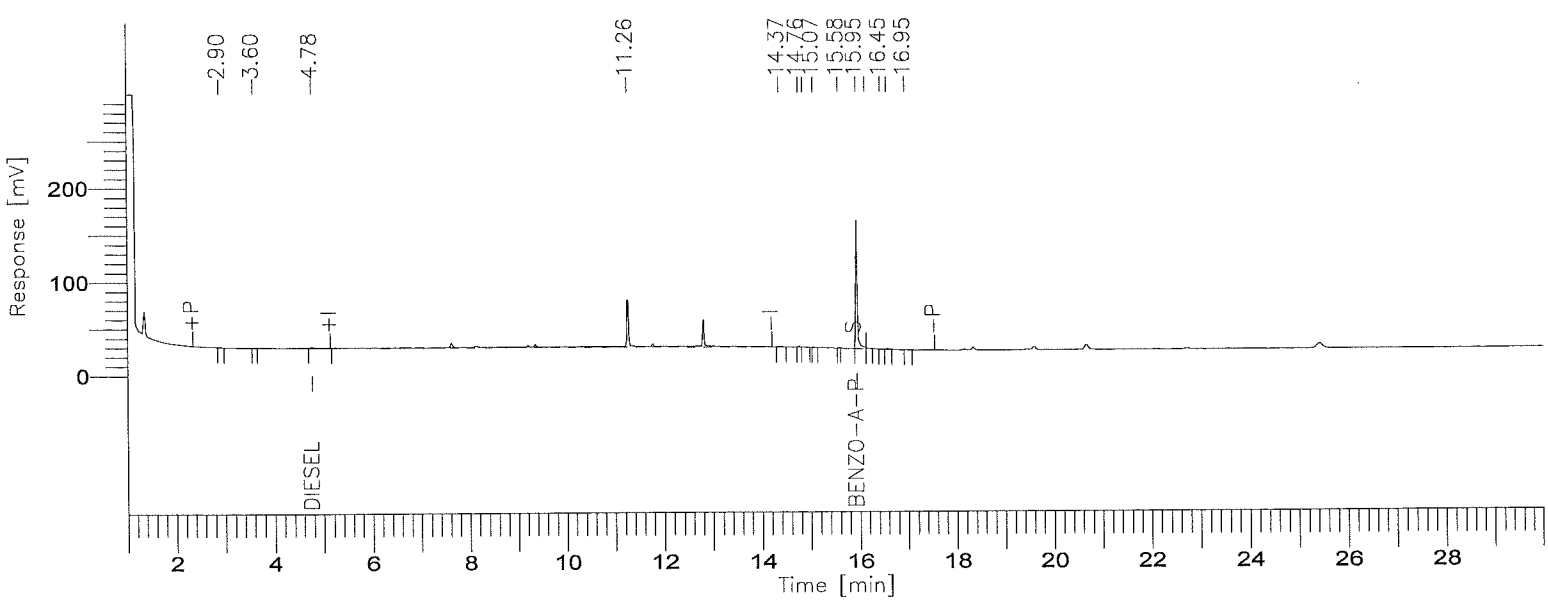
Raw Data File : C:\TC4\DATA_3\006_083.RAW
Result File : C:\TC4\DATA_3\006_083.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\006_083.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\006.SEQ

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
' 'tiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 14



001470

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.78	DIESEL	6336	0.1622	-------	10.0	
15.95	BENZO-A-PYRENE	316926	8.9016	71.21	10.0	
		323262	9.0638			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_083.TX0

Lot/Sample: E0I290371-039 C-2-31-5 TICs.....: N Report Results: Y
WO#.....: DLC8W-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: 10/07/00
Inject Time..: 23:47 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_084A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:58:06
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number: 0276246
Prep Time....: 13:00-17:00
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			5.2455	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	9.3936	75.1488		

Notes:
J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-039 C-2-31-5 TICs.....: N Report Results: Y
WO#.....: DLC8W-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:

Lot/Sample: E0I290371-039 C-2-31-5 TICs.....: N Report Results: Y
WO#.....: DLC8W-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:

Lot/Sample: E0I290371-039 C-2-31-5 TICs.....: N Report Results: Y
WO#.....: DLC8W-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 : 371-39 Time : 10/9/00 03:37 PM
Sample Number: DLC8W102 Study : ICAL 9/27/00
(rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 11:47 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

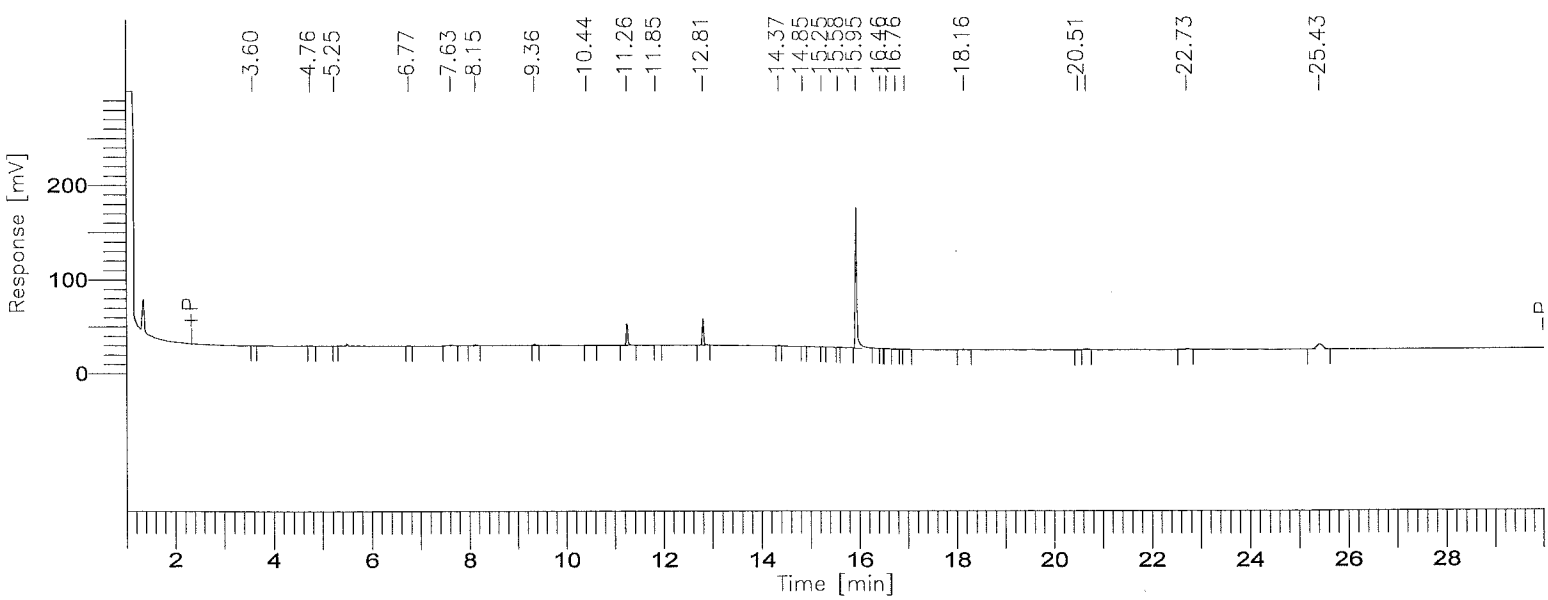
Raw Data File : C:\TC4\DATA_3\006_084A.RAW
Result File : C:\TC4\DATA_3\006_084A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\006_084A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\006.SEQ

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
tiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 25



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	1544	0.0353	-------	10.0	
6.07	C10-C11	1038	0.0221	-------	10.0	
7.77	C12-C13	10512	0.2113	-------	10.0	
9.18	C14-C15	4862	0.0995	-------	10.0	
10.44	C16-C17	1682	0.0345	-------	10.0	
11.58	C18-C19	52574	1.0804	-------	10.0	
13.05	C20-C23	57487	0.6054	-------	10.0	
14.78	C24-C27	4248	0.0489	-------	10.0	
16.36	C28-C31	346412	4.7797	-------	10.0	
18.35	C32-C35	2502	0.0470	-------	10.0	
21.82	C36-C39	12466	0.3052	-------	10.0	
27.03	C40+	43981	2.5908	-------	10.0	
		539308	9.8601			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		680	0.0002	-------	10.0	
4.76		865	0.0002	-------	10.0	
		1544	0.0004			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		473	0.0001	-------	10.0	
6.77		565	0.0001	-------	10.0	
		1038	0.0003			

Group Report For : C12-C13

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
63		4851	0.0012	-------	10.0
.15		5660	0.0014	-------	10.0
		10512	0.0026		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.36		4862	0.0012	-------	10.0	
		4862	0.0012			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.44		1682	0.0004	-------	10.0	
		1682	0.0004			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		52102	0.0130	-------	10.0	
11.85		473	0.0001	-------	10.0	
		52574	0.0131			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.81		57487	0.0144	-------	10.0	
		57487	0.0144			

Group Report For : C24-C27

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
37		2858	0.0007	-------	10.0
14.85		764	0.0002	-------	10.0
15.25		625	0.0002	-------	10.0
		4248	0.0011		

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.58		572	0.0001	-------	10.0	
15.95		338252	0.0846	-------	10.0	
16.46		1514	0.0004	-------	10.0	
16.58		2941	0.0007	-------	10.0	
16.76		1880	0.0005	-------	10.0	
16.95		1252	0.0003	-------	10.0	
		346412	0.0866			

oup Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.16		2502	0.0006	-------	10.0	
		2502	0.0006			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
20.51		887	0.0002	-------	10.0	
20.67		5432	0.0014	-------	10.0	
22.72		6147	0.0015	-------	10.0	
		12466	0.0031			

oup Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.42		43981	0.0110	-------	10.0	

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
-						
-						
		43981	0.0110			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_084A.TXO

Software Version: 4.1<2F12>
Sample Name : 371-39 Time : 10/8/00 12:16 AM
Sample Number: DLC8W102 Study : ICAL 9/27/00
(rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/7/00 11:47 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

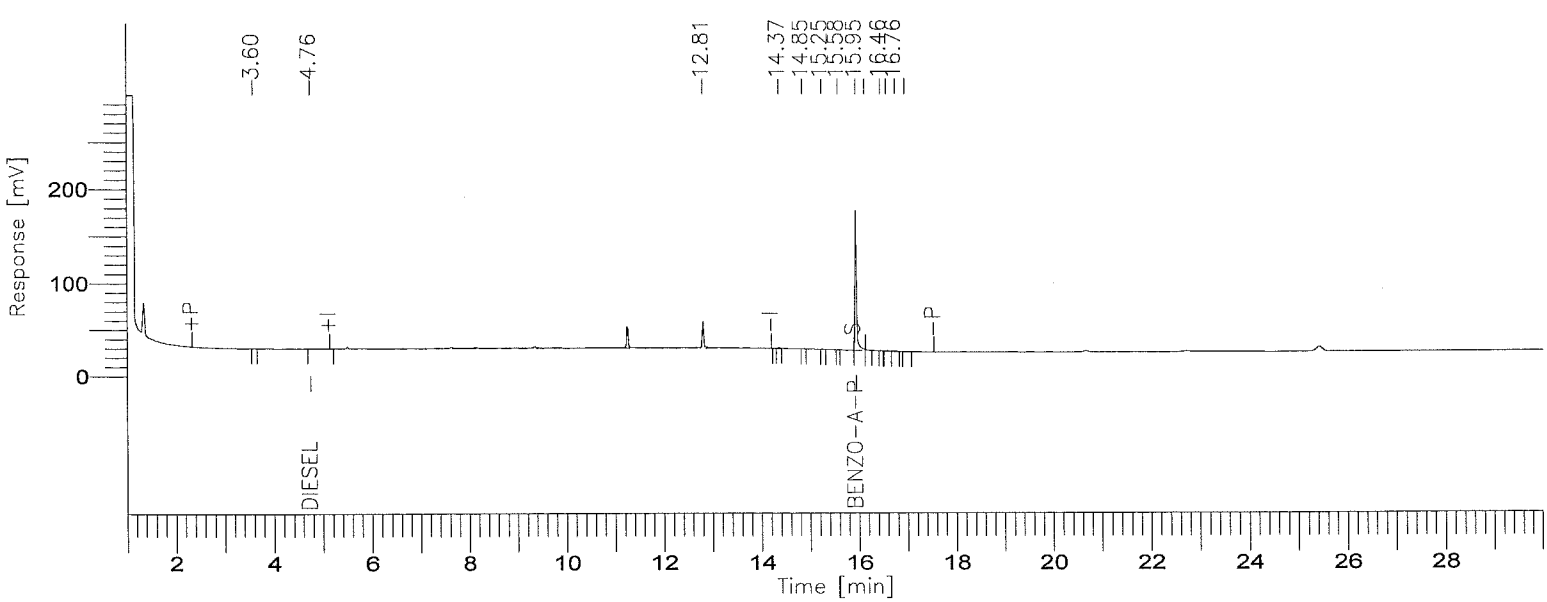
Raw Data File : C:\TC4\DATA_3\O06_084.RAW
Result File : C:\TC4\DATA_3\O06_084.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_084.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
`tiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 13



001479

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.76	DIESEL	1226	0.0314	-------	10.0	
15.95	BENZO-A-PYRENE	334441	9.3936	75.15	10.0	
		335667	9.4249			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\006_084.TX0

Lot/Sample: E0I290371-040 C-2-31-10 TICs.....: N Report Results: Y
WO#.....: DLC8X-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: 10/08/00
Inject Time..: 1:45 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_087A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/12 19:58:16
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number: 0276246
Prep Time....: 13:00-17:00
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			7.8201	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	9.2027	73.6216		

Notes:
J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-040 C-2-31-10 TICs.....: N Report Results: Y
WO#.....: DLC8X-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 : 371-40 Time : 10/9/00 03:44 PM
Sample Number: DLC8X102 Study : ICAL 9/27/00
(rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/8/00 01:45 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

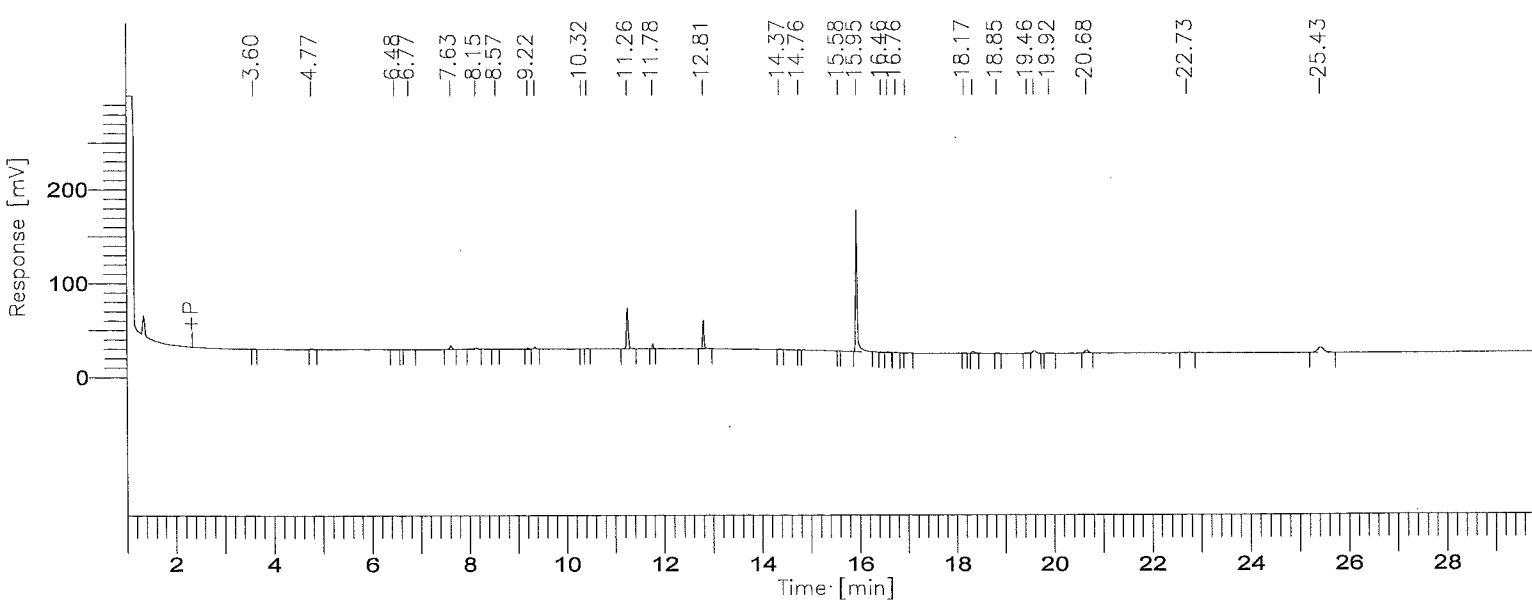
Raw Data File : C:\TC4\DATA_3\O06_087A.RAW
Result File : C:\TC4\DATA_3\O06_087A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_087A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
tiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 31



001483

BOE-C6-0159910

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	3918	0.0896	-------	10.0	
6.07	C10-C11	1733	0.0370	-------	10.0	
7.77	C12-C13	15282	0.3071	-------	10.0	
9.18	C14-C15	7990	0.1635	-------	10.0	
10.44	C16-C17	2012	0.0413	-------	10.0	
11.58	C18-C19	116318	2.3904	-------	10.0	
13.05	C20-C23	58948	0.6208	-------	10.0	
14.78	C24-C27	3893	0.0448	-------	10.0	
16.36	C28-C31	339275	4.6812	-------	10.0	
18.35	C32-C35	11815	0.2217	-------	10.0	
21.82	C36-C39	36082	0.8833	-------	10.0	
27.03	C40+	48554	2.8602	-------	10.0	
		645822	12.3409			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		676	0.0002	-------	10.0	
4.77		3242	0.0008	-------	10.0	
		3918	0.0010			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
6.48		792	0.0002	-------	10.0	
6.77		941	0.0002	-------	10.0	
		1733	0.0004			

Group Report For : C12-C13

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
63		9127	0.0023	-------	10.0
6.15		6154	0.0015	-------	10.0
		15282	0.0038		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.57		444	0.0001	-------	10.0	
9.22		2550	0.0006	-------	10.0	
9.37		4996	0.0012	-------	10.0	
		7990	0.0020			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.32		616	0.0002	-------	10.0	
10.44		1396	0.0003	-------	10.0	
		2012	0.0005			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		107520	0.0269	-------	10.0	
11.78		8798	0.0022	-------	10.0	
		116318	0.0291			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.81		58948	0.0147	-------	10.0	
		58948	0.0147			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.37		2073	0.0005	-------	10.0	
14.76		1820	0.0005	-------	10.0	
		3893	0.0010			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.58		635	0.0002	-------	10.0	
15.95		330896	0.0827	-------	10.0	
16.46		1810	0.0005	-------	10.0	
16.58		2672	0.0007	-------	10.0	
16.76		1674	0.0004	-------	10.0	
16.95		1589	0.0004	-------	10.0	
		339275	0.0848			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		1608	0.0004	-------	10.0	
18.34		6398	0.0016	-------	10.0	
18.84		936	0.0002	-------	10.0	
19.46		2873	0.0007	-------	10.0	
		11815	0.0030			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.60		12117	0.0030	-------	10.0	
19.92		2559	0.0006	-------	10.0	
.67		15115	0.0038	-------	10.0	
22.73		6291	0.0016	-------	10.0	
		36082	0.0090			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.43		48554	0.0121	-------	10.0	
		48554	0.0121			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_087A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-40 Time : 10/8/00 02:14 AM
Sample Number: DLC8X102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/8/00 01:45 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

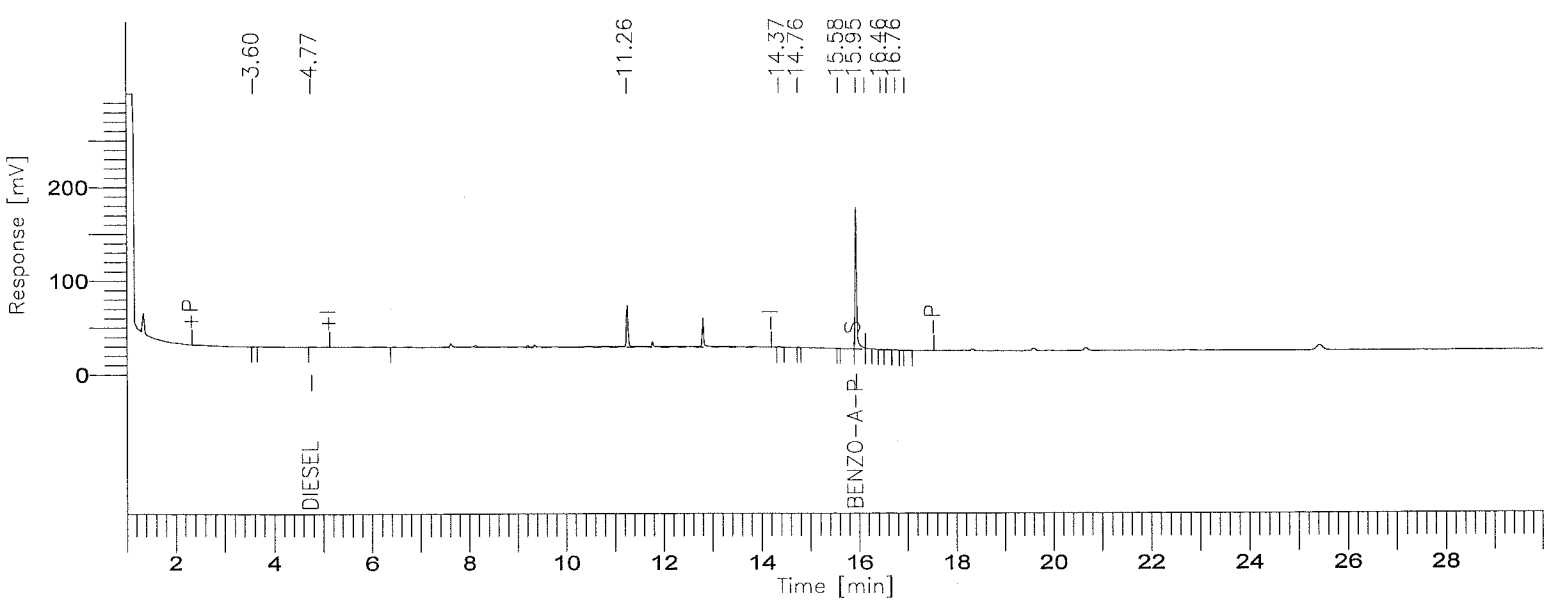
Raw Data File : C:\TC4\DATA_3\O06_087.RAW
Result File : C:\TC4\DATA_3\O06_087.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_087.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.77	DIESEL	7876	0.2016	-------	10.0	
15.95	BENZO-A-PYRENE	327647	9.2027	73.62	10.0	
		335523	9.4043			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_087.TXO

Lot/Sample: E0I290371-041 C-2-31-15 TICs.....: N Report Results: Y
WO#.....: DLC91-1-02 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: 10/08/00
Inject Time..: 2:24 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_088A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/13 9:46:50
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number: 0276246
Prep Time....: 13:00-17:00
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			7.8754	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	11.158	89.2664		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-041 C-2-31-15 TICs.....: N Report Results: Y
WO#.....: DLC91-1-02 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 : 371-41 Time : 10/9/00 03:45 PM
Sample Number: DLC91102 Study : ICAL 9/27/00
C rator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/8/00 02:24 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

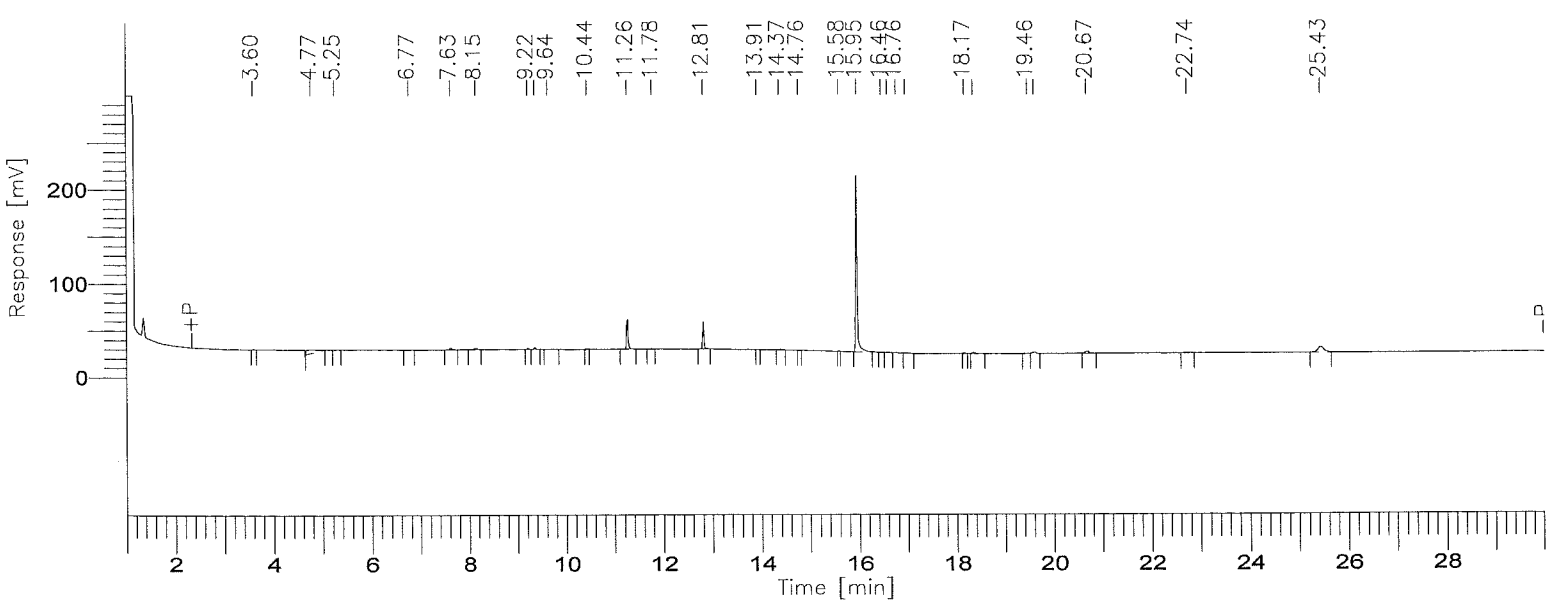
Raw Data File : C:\TC4\DATA_3\O06_088A.RAW
Result File : C:\TC4\DATA_3\O06_088A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_088A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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
ltiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 29



001492

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	67018	1.5333	-------	10.0	
6.07	C10-C11	1888	0.0403	-------	10.0	
7.77	C12-C13	12637	0.2540	-------	10.0	
9.18	C14-C15	8185	0.1674	-------	10.0	
10.44	C16-C17	1250	0.0257	-------	10.0	
11.58	C18-C19	74324	1.5274	-------	10.0	
13.05	C20-C23	56502	0.5950	-------	10.0	
14.78	C24-C27	4059	0.0467	-------	10.0	
16.36	C28-C31	410680	5.6665	-------	10.0	
18.35	C32-C35	6649	0.1248	-------	10.0	
21.82	C36-C39	24264	0.5940	-------	10.0	
27.03	C40+	47225	2.7819	-------	10.0	
		714680	13.3569			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		780	0.0002	-------	10.0	
4.77		66238	0.0166	-------	10.0	
		67018	0.0168			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		951	0.0002	-------	10.0	
6.77		938	0.0002	-------	10.0	
		1888	0.0005			

Group Report For : C12-C13

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
63		6640	0.0017	-------	10.0
6.15		5997	0.0015	-------	10.0
		12637	0.0032		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.22		2294	0.0006	-------	10.0	
9.37		5058	0.0013	-------	10.0	
9.64		834	0.0002	-------	10.0	
		8185	0.0020			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.44		1250	0.0003	-------	10.0	
		1250	0.0003			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		72083	0.0180	-------	10.0	
11.78		2241	0.0006	-------	10.0	
		74324	0.0186			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
13.81		56174	0.0140	-------	10.0	
13.91		328	0.0001	-------	10.0	
		56502	0.0141			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.37		2995	0.0007	-------	10.0	
14.76		1064	0.0003	-------	10.0	
		4059	0.0010			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.58		707	0.0002	-------	10.0	
15.95		401728	0.1004	-------	10.0	
16.46		2104	0.0005	-------	10.0	
16.58		2804	0.0007	-------	10.0	
16.76		1807	0.0005	-------	10.0	
16.95		1530	0.0004	-------	10.0	
		410680	0.1027			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
18.17		1349	0.0003	-------	10.0	
18.34		3470	0.0009	-------	10.0	
19.46		1830	0.0005	-------	10.0	
		6649	0.0017			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.60		7027	0.0018	-------	10.0	
20.67		10802	0.0027	-------	10.0	
22.73		6435	0.0016	-------	10.0	
		24264	0.0061			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2[illegible].43		47225	0.0118	-------	10.0	
		47225	0.0118			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_088A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-41 Time : 10/8/00 02:53 AM
Sample Number: DLC91102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/8/00 02:24 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

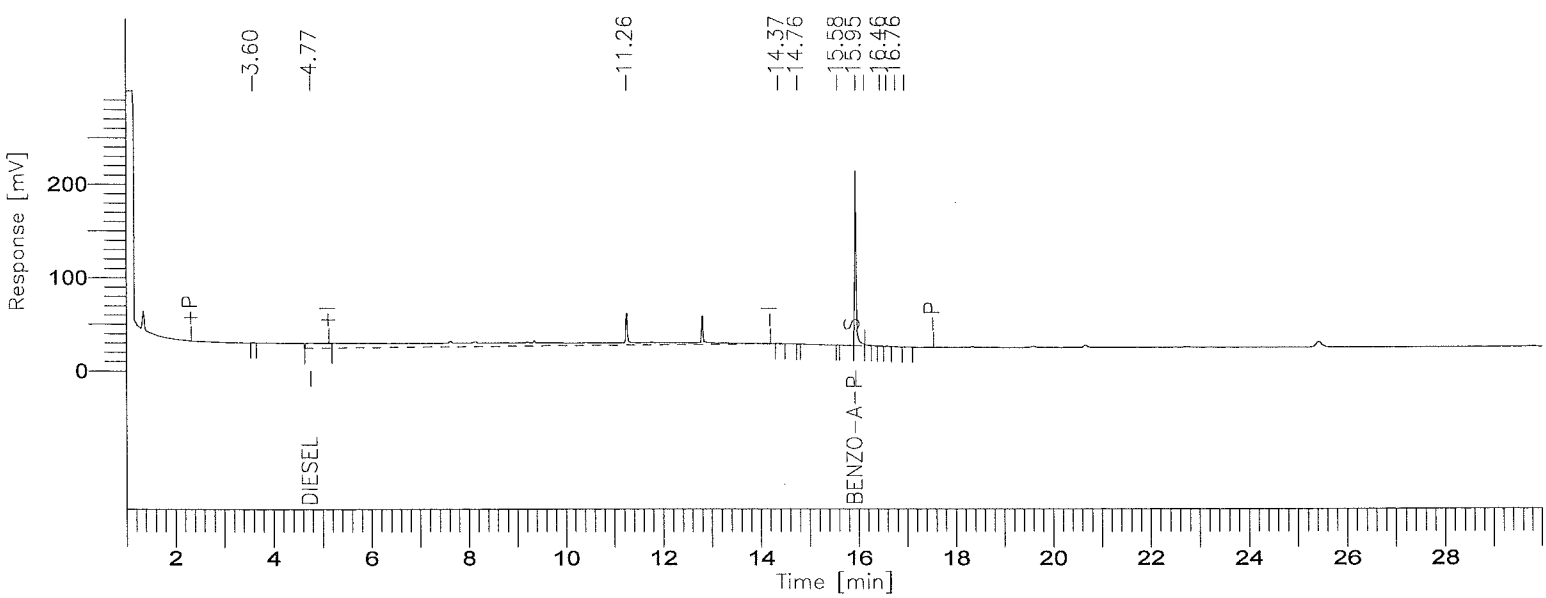
Raw Data File : C:\TC4\DATA_3\O06_088.RAW
Result File : C:\TC4\DATA_3\O06_088.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_088.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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



001497

BOE-C6-0159924

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
4.77	DIESEL	174419	4.4642	-------	10.0	
15.95	BENZO-A-PYRENE	397270	11.1583	89.27	10.0	
		571689	15.6225			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_088.TXO

Lot/Sample: E0I290371-044 C-2-33-5 TICs.....: N Report Results: Y
WO#.....: DLC96-1-02 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: 10/08/00
Inject Time..: 3:03 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O06_089A
Instr ID: G03 Column: RTX-1 ID: .53
Sampling date.....: 9/29/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:BIDWELLL 0/10/13 9:47:25
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number: 0276246
Prep Time....: 13:00-17:00
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			6.7425	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	9.8043	78.4344		

Notes:

J Estimated result. Result is less than RL.

(Continued on next page)

Lot/Sample: E0I290371-044 C-2-33-5 TICs.....: N Report Results: Y
WO#.....: DLC96-1-02 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 : 371-44 Time : 10/9/00 03:45 PM
Sample Number: DLC96102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/8/00 03:03 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

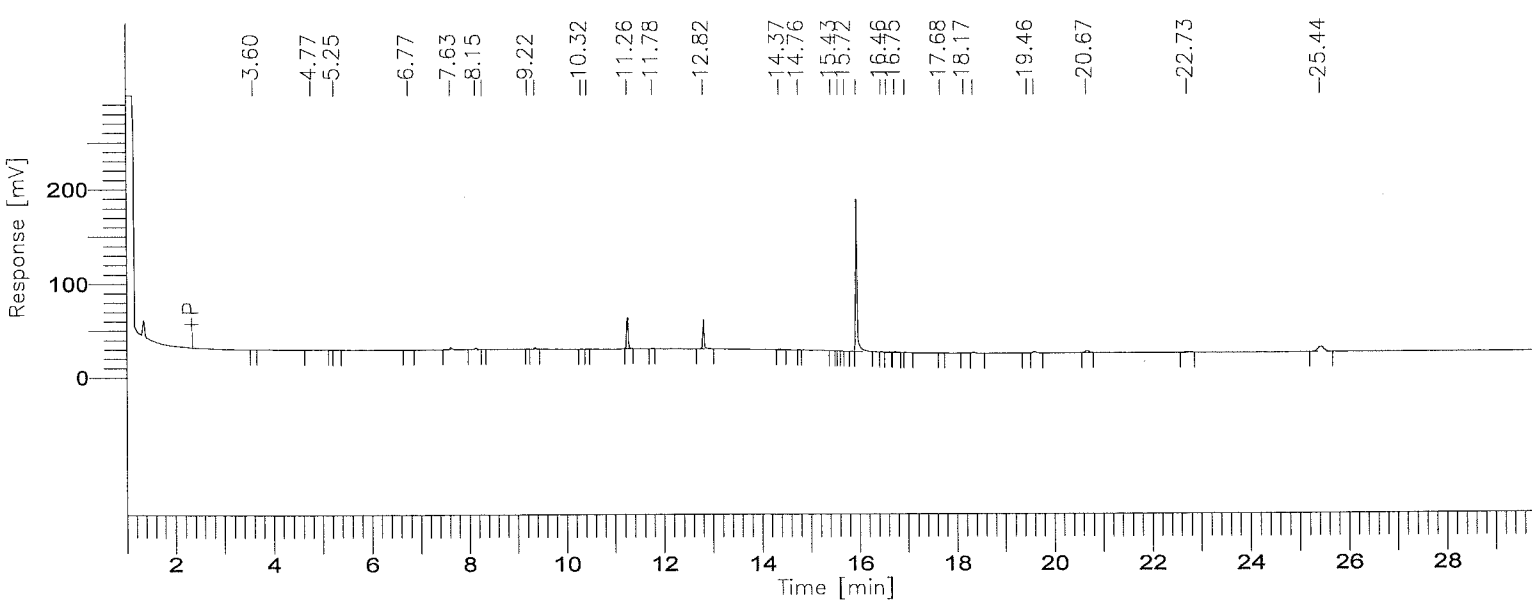
Raw Data File : C:\TC4\DATA_3\O06_089A.RAW
Result File : C:\TC4\DATA_3\O06_089A.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_089A.RS
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 32



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	4575	0.1047	-------	10.0	
6.07	C10-C11	2104	0.0449	-------	10.0	
7.77	C12-C13	15947	0.3205	-------	10.0	
9.18	C14-C15	6594	0.1349	-------	10.0	
10.44	C16-C17	1898	0.0390	-------	10.0	
11.58	C18-C19	75738	1.5564	-------	10.0	
13.05	C20-C23	60598	0.6381	-------	10.0	
14.78	C24-C27	5222	0.0601	-------	10.0	
16.36	C28-C31	362914	5.0074	-------	10.0	
18.35	C32-C35	10395	0.1951	-------	10.0	
21.82	C36-C39	24636	0.6031	-------	10.0	
27.03	C40+	48456	2.8544	-------	10.0	
		619076	11.5586			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.60		600	0.0001	-------	10.0	
4.77		3975	0.0010	-------	10.0	
		4575	0.0011			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.25		1043	0.0003	-------	10.0	
6.77		1061	0.0003	-------	10.0	
		2104	0.0005			

Group Report For : C12-C13

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

[min]	Name	[µV·s]	(ppm)	REC	mg/kg
63		8561	0.0021	-------	10.0
.15		6793	0.0017	-------	10.0
8.28		592	0.0001	-------	10.0
		15947	0.0040		

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.22		1543	0.0004	-------	10.0	
9.36		5052	0.0013	-------	10.0	
		6594	0.0016			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.31		599	0.0001	-------	10.0	
10.44		1299	0.0003	-------	10.0	
		1898	0.0005			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26		74265	0.0186	-------	10.0	
11.78		1473	0.0004	-------	10.0	
		75738	0.0189			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.81		60598	0.0151	-------	10.0	
		60598	0.0151			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.37		3504	0.0009	-------	10.0	
14.76		1125	0.0003	-------	10.0	
15.43		594	0.0001	-------	10.0	
		5222	0.0013			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.58		606	0.0002	-------	10.0	
15.71		534	0.0001	-------	10.0	
15.95		352146	0.0880	-------	10.0	
16.46		1859	0.0005	-------	10.0	
16.58		2468	0.0006	-------	10.0	
16.75		4109	0.0010	-------	10.0	
16.95		1192	0.0003	-------	10.0	
		362914	0.0907			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.68		1223	0.0003	-------	10.0	
18.16		2990	0.0007	-------	10.0	
18.34		4095	0.0010	-------	10.0	
19.46		2086	0.0005	-------	10.0	
		10395	0.0026			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.60		7837	0.0020	-------	10.0	
20.67		10446	0.0026	-------	10.0	
22.73		6352	0.0016	-------	10.0	
		24636	0.0062			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
25.43		48456	0.0121	-------	10.0	
		48456	0.0121			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_089A.TX0

Software Version: 4.1<2F12>
Sample Name : 371-44 Time : 10/8/00 03:33 AM
Sample Number: DLC96102 Study : ICAL 9/27/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 10/8/00 03:03 AM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

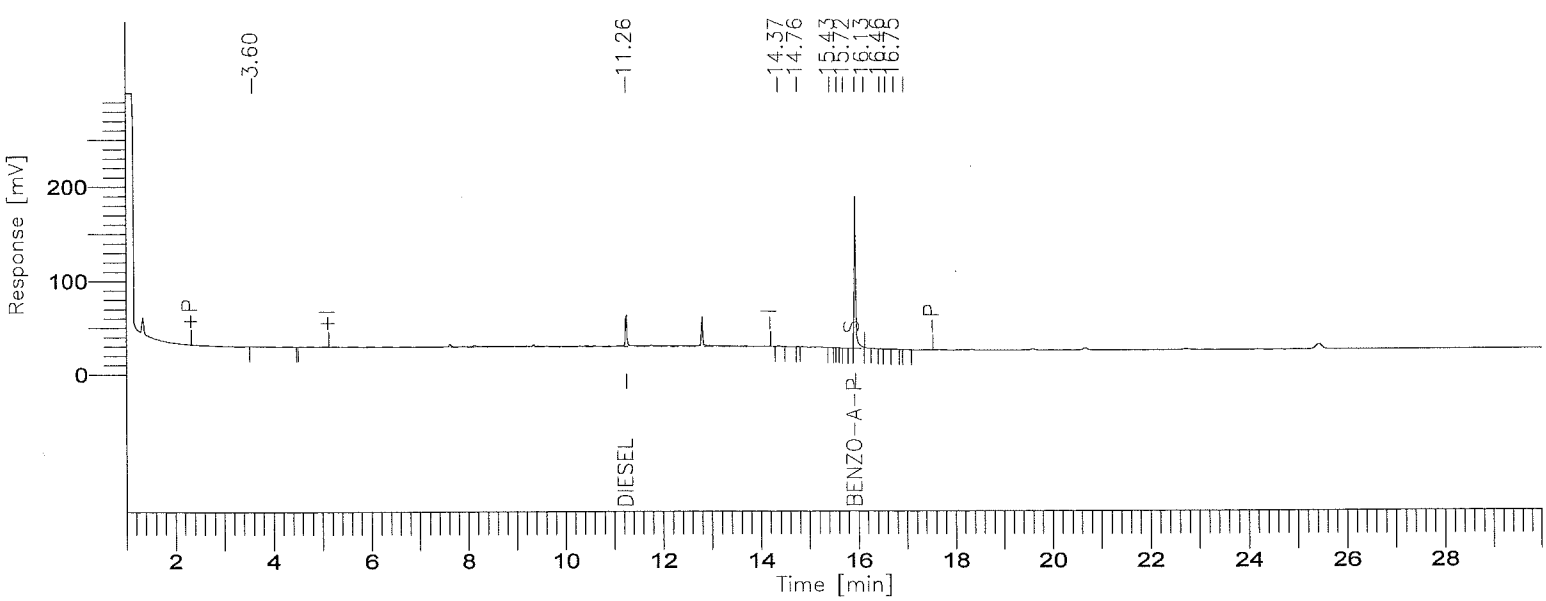
Raw Data File : C:\TC4\DATA_3\O06_089.RAW
Result File : C:\TC4\DATA_3\O06_089.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\O06_089.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\O06.SEQ

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: 13



001506

BOE-C6-0159933

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.26	DIESEL	440706	11.2798	-------	10.0	
15.95	BENZO-A-PYRENE	349066	9.8043	78.43	10.0	
		789772	21.0842			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\O06_089.TX0

TEPH

SAMPLE AND QC DATA

Date(s) Analyzed: 10-11-00

Instrument ID: GC1 GC2 GC3

Lab #: EOI 290371

Batch #: 0276468

Samples: BATCH QC EOI 290341-1, LS, LD

Turbochrom Sequence File : C:\TC4\DATA_2\010.SEQ
Created by : EM on : 10/10/00 07:50 AM
Edited by : EC on : 10/11/00 10:47 AM
Description :

Number of Times Edited : 13

Sequence File Header Information:

FJC 10/13/00

Number of Rows : 78
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-9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
2	Sample	DAILY RT MARKER	C8-C40	ICAL-9/26/	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-10/05	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
4	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL-10/05	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
5	Sample	MECL2	MECL2	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
6	Sample	MECL2	MECL2	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
7	Sample	MECL2	MECL2	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
8	Sample	DAILY RT MARKER	C8-C40	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
9	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL-10/05	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
10	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL-10/05	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
11	Cal:Replace	#TEPH00-175 DIE	40 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
12	Cal:Replace	#TEPH00-176 DIE	100 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
13	Cal:Replace	#TEPH00-178 DIE	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
14	Cal:Replace	#TEPH00-179 DIE	2000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
15	Cal:Replace	#TEPH00-181 DIE	5000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
16	Std Check	#TEPH00-129 SEC	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
[illegible]	Sample	MECL2	MECL2	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
[illegible]	Cal:Replace	#TEPH00-183 MOT	80 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
19	Cal:Replace	#TEPH00-184 MOT	100 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
20	Cal:Replace	#TEPH00-186 MOT	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
21	Cal:Replace	#TEPH00-187 MOT	2000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
22	Cal:Replace	#TEPH00-189 MOT	5000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
23	Std Check	TEPH00-141 SECO	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
24	Sample	341-MB	DLEM0101B	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
25	Sample	341-LCS	DLEM0102C	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
26	Sample	341-04	DLC1H103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1009.000	0.000	100.000
27	Sample	341-04 MS	DLC1H104S	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1035.000	0.000	100.000
28	Sample	341-04 MSD	DLC1H105D	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1035.000	0.000	100.000
29	Sample	341-MB	DLEKJ101B	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
30	Sample	341-LCS	DLEKJ102C	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
31	Sample	341-01	DLC1D103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
32	Sample	341-01 MS	DLC1D103S	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
33	Sample	341-01 MSD	DLC1D105D	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
34	Std Check	#TEPH00-129 SEC	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
35	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
36	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
37	Sample	344-01	DL65X103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
38	Sample	345-MB	DL7M4103B	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
39	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
40	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
41	Sample	345-LCS	DL7M4104C	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
42	Sample	345-01	DL666103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1006.000	0.000	100.000
43	Sample	345-02	DL667103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	961.000	0.000	100.000
44	Sample	345-03	DL668103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1021.000	0.000	100.000
45	Sample	345-04	DL669103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
46	Sample	345-06 2X	DL66C103	ICAL-10/10	1.000	1.000	1.000	2.000	5.000	20.000	0.000	100.000
47	Sample	345-07	DL66D103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
48	Sample	345-09	DL66G103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
49	Sample	MECL2	MECL2	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
50	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
51	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
[illegible]	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
[illegible]	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
54	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
55	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
56	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
57	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
58	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
59	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
60	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000

Software Version: 4.1<2F12>
Sample Name : 341-MB
Sample Number: DLEKJ101B
Operator :

not used analyzed on 6/03

Time : 10/11/00 08:56 AM
Study : ICAL-10/10/00

Instrument : GC/FID-02A
Channel : A
A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2104574729
Data Acquisition Time: 10/11/00 04:20 AM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

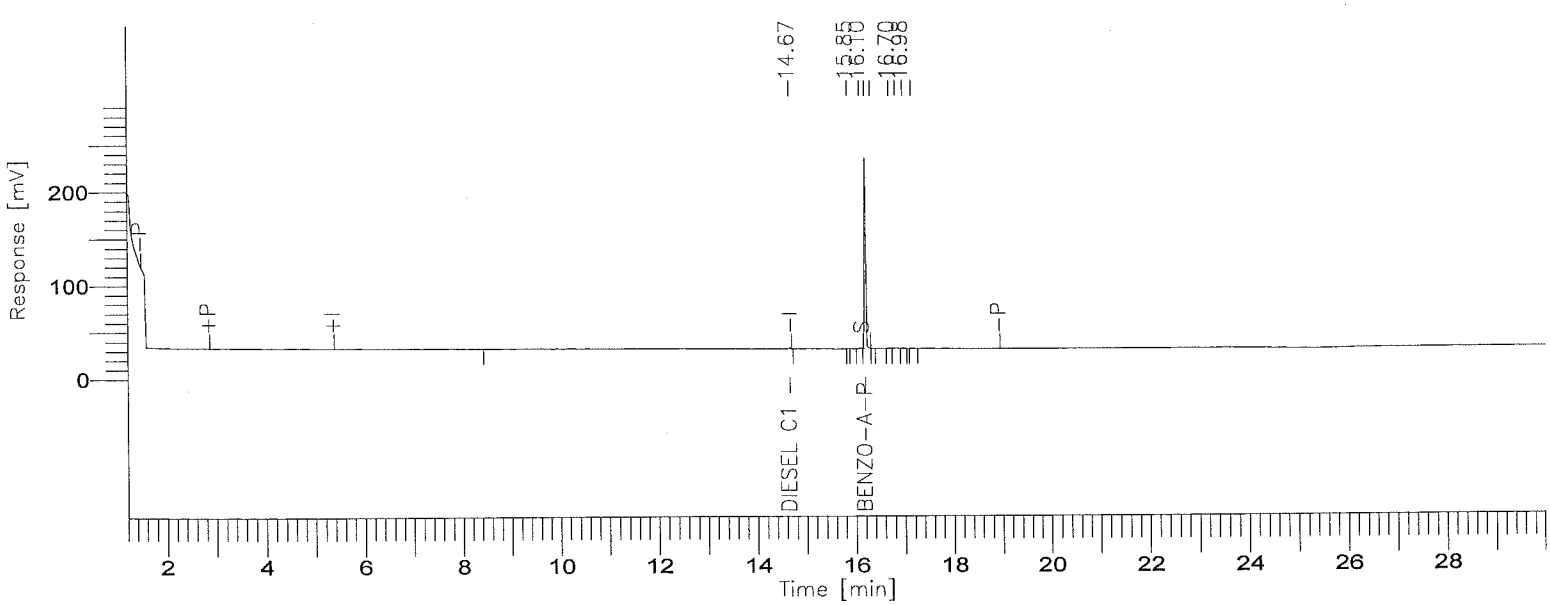
Raw Data File : C:\TC4\DATA_2\O10_029.RAW
Result File : C:\TC4\DATA_2\O10_029.RST
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_029.RST
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Sequence File : C:\TC4\DATA_2\O10.SEQ

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



001510

BOE-C6-0159937

8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.67	DIESEL C10C25	13635	0.475	------	10.0	
16.21	BENZO-A-PYRENE	433761	12.993	103.9	10.0	
		447396	13.468	103.9	20.0	

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_2\O10_029.TXO

Software Version: 4.1<2F12>
Sample Name : 341-LCS
Sample Number: DLEKJ102C
C rator :

not used analyzed on 6C03

Time : 10/11/00 08:56 AM
Study : ICAL-10/10/00

Instrument : GC/FID-02A
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2104574729 Data Acquisition Time: 10/11/00 05:00 AM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

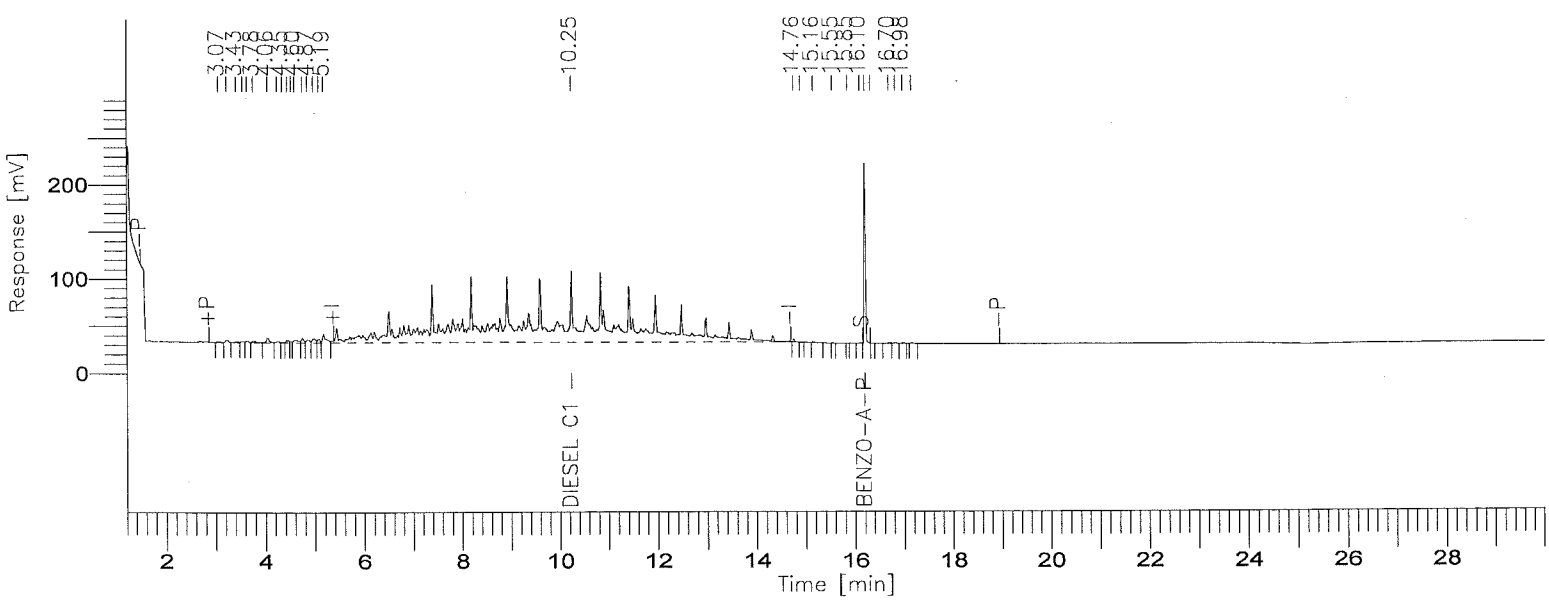
Raw Data File : C:\TC4\DATA_2\O10_030.RAW
Result File : C:\TC4\DATA_2\O10_030.RST
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_030.RST
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Sequence File : C:\TC4\DATA_2\O10.SEQ

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: 30



001512

BOE-C6-0159939

8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.25	DIESEL C10C25	6709622	233.652	------	10.0	
16.21	BENZO-A-PYRENE	410185	12.287	98.3	10.0	
		7119807	245.939	98.3	20.0	

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_2\O10_030.TX0

Software Version: 4.1<2F12>
Sample Name : 341-01 Time : 10/11/00 08:56 AM
Sample Number: DLC1D103 Study : ICAL-10/10/00
Operator :

Instrument : GC/FID-02A Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2104574729 Data Acquisition Time: 10/11/00 05:39 AM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

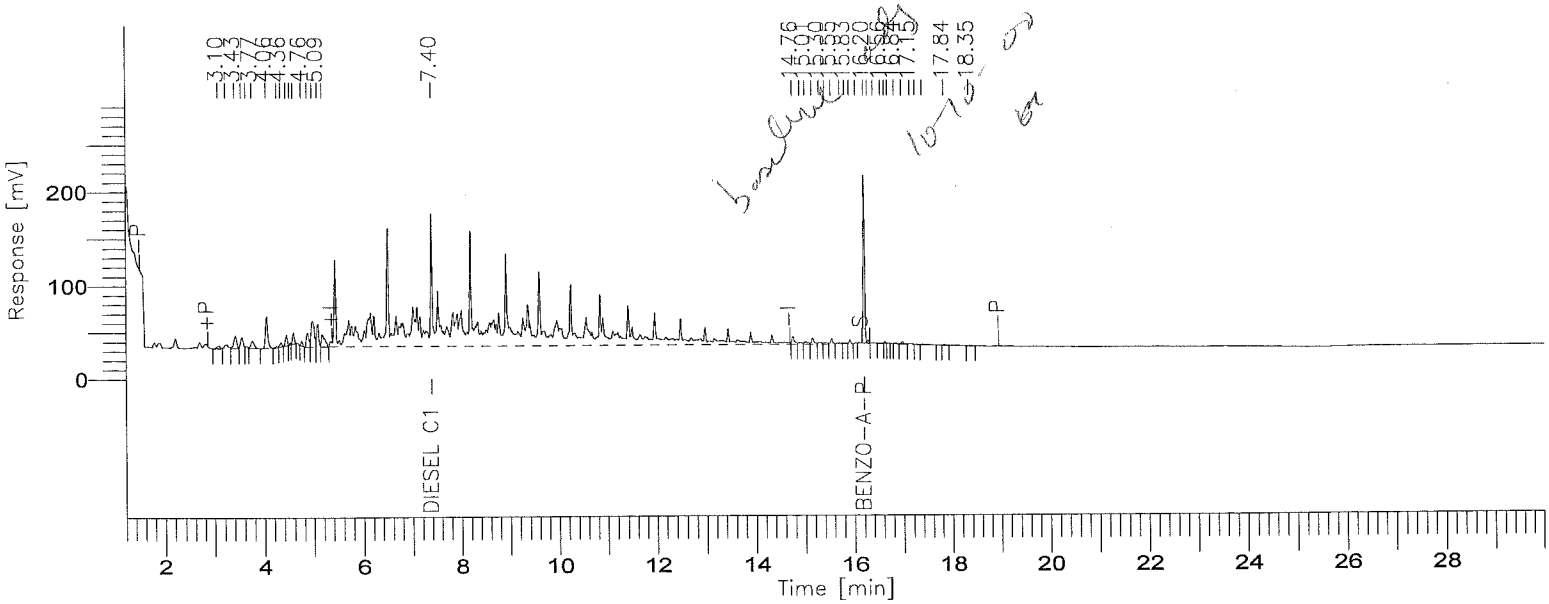
Raw Data File : C:\TC4\DATA_2\O10_031.RAW
Result File : C:\TC4\DATA_2\O10_031.RST
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_031.RST
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Sequence File : C:\TC4\DATA_2\O10.SEQ

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: 42



001514

BOE-C6-0159941

8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.40	DIESEL C10C25	8209636	285.888	------	10.0	
16.20	BENZO-A-PYRENE	360315	10.793	86.3	10.0	
		8569952	296.681	86.3	20.0	

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_2\O10_031.TX0

Software Version: 4.1<2F12>
Sample Name : 341-01 MS Time : 10/11/00 08:56 AM
Sample Number: DLC1D103S Study : ICAL-10/10/00
C rator :

Instrument : GC/FID-02A Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2104574729 Data Acquisition Time: 10/11/00 06:18 AM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

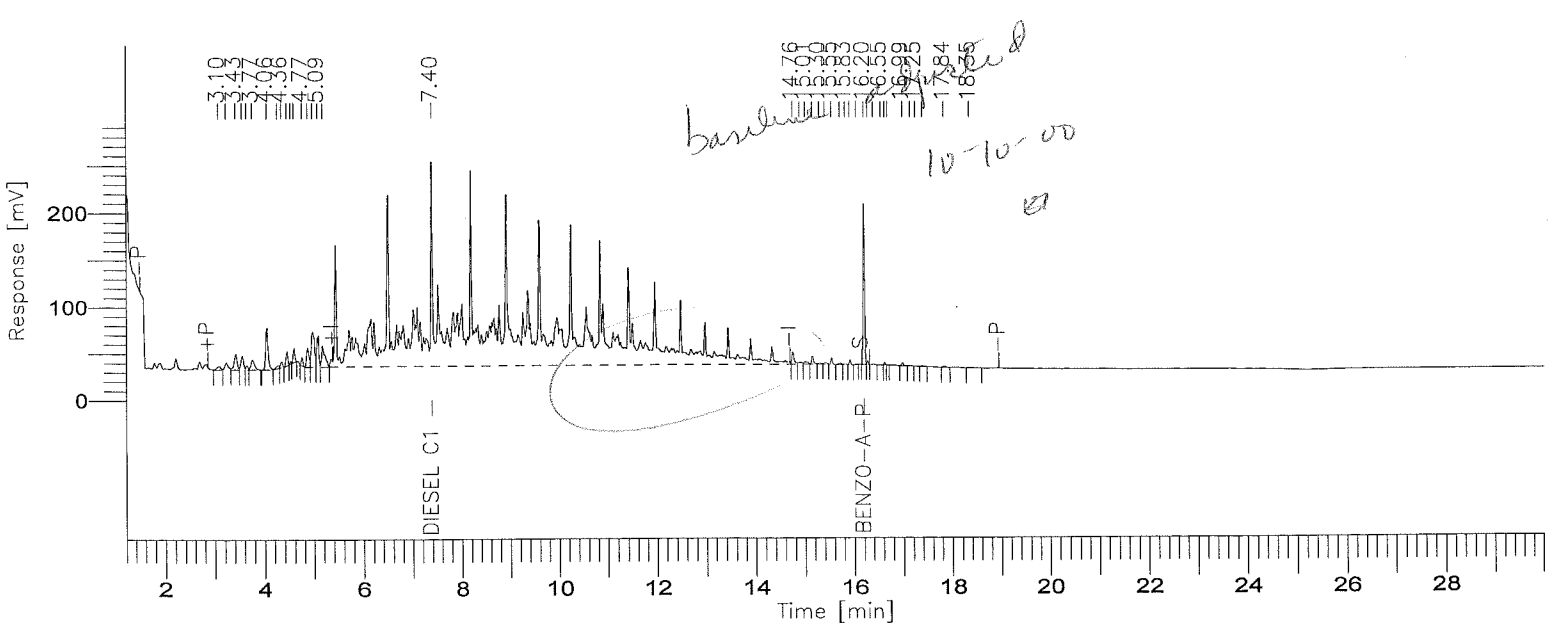
Raw Data File : C:\TC4\DATA_2\O10_032.RAW
Result File : C:\TC4\DATA_2\O10_032.RST
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_032.RST
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Sequence File : C:\TC4\DATA_2\O10.SEQ

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
M tiplier : 5.0000 Divisor : 20.0000 Addend : 0.0000
User1 : TPHDA User2 :
User3 : User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 41



001516

BOE-C6-0159943

8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.40	DIESEL C10C25	15680711	546.057	------	10.0	
16.20	BENZO-A-PYRENE	346854	10.390	83.1	10.0	
		16027565	556.447	83.1	20.0	

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_2\O10_032.TXO

Software Version: 4.1<2F12>
Sample Name : 341-01 MSD Time : 10/11/00 08:56 AM
Sample Number: DLC1D105D Study : ICAL-10/10/00
Operator :

Instrument : GC/FID-02A Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2104574729 Data Acquisition Time: 10/11/00 06:57 AM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_2\O10_033.RAW
Result File : C:\TC4\DATA_2\O10_033.RST
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_033.RST
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Sequence File : C:\TC4\DATA_2\O10.SEQ

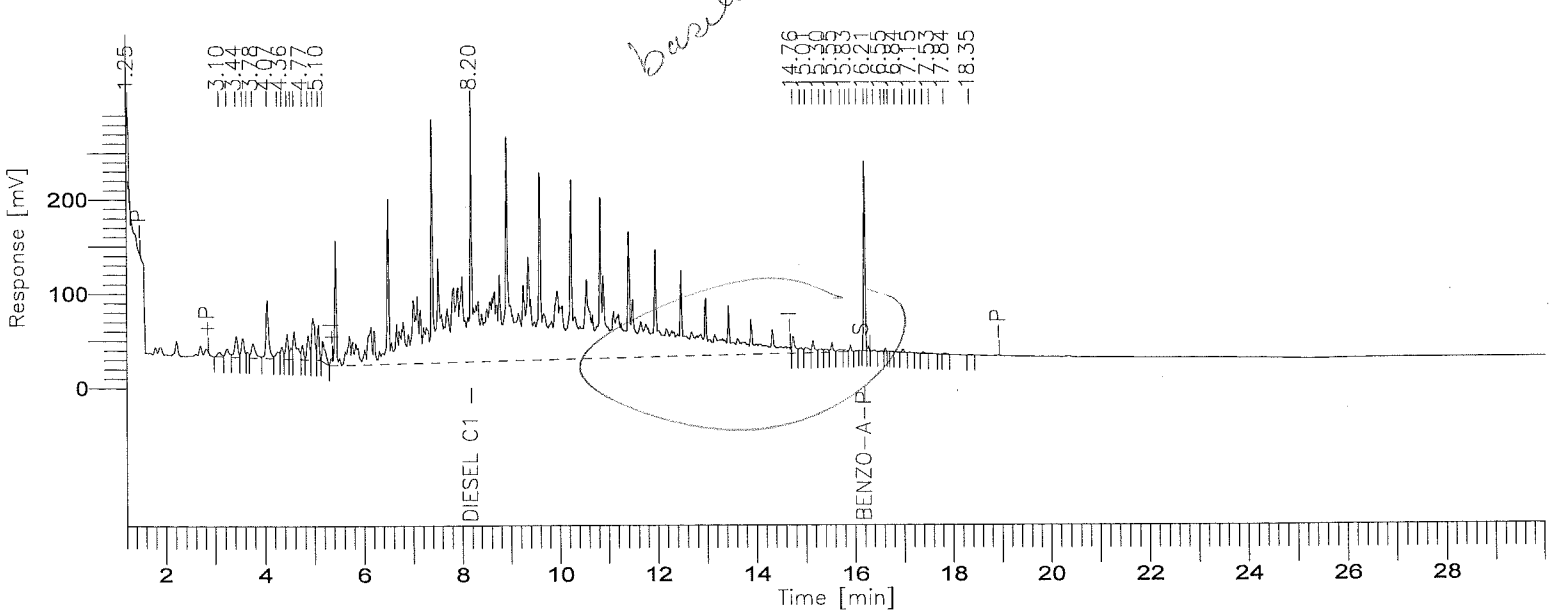
Sample Volume : 1.0000 uL Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

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: 44

baseline adjusted 10-10-00



001518

8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.20	DIESEL C10C25	20848956	726.033	------	10.0	
16.21	BENZO-A-PYRENE	428285	12.829	102.6	10.0	
		21277241	738.862	102.6	20.0	

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_2\O10_033.TXO

Software Version: 4.1<2F12>
Sample Name : #TEPH00-171 DIESEL STD
Sample Number: 1000 PPM
Operator :

Time : 10/11/00 09:01 AM
Study : ICAL-10/10/00

Instrument : GC/FID-02A
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2104574729 Data Acquisition Time: 10/11/00 08:29 AM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_2\O10_035.RAW
Result File : C:\TC4\DATA_2\O10_035.RST
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_035.RST
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_035.RST
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_035.RST
Sequence File : C:\TC4\DATA_2\O10.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

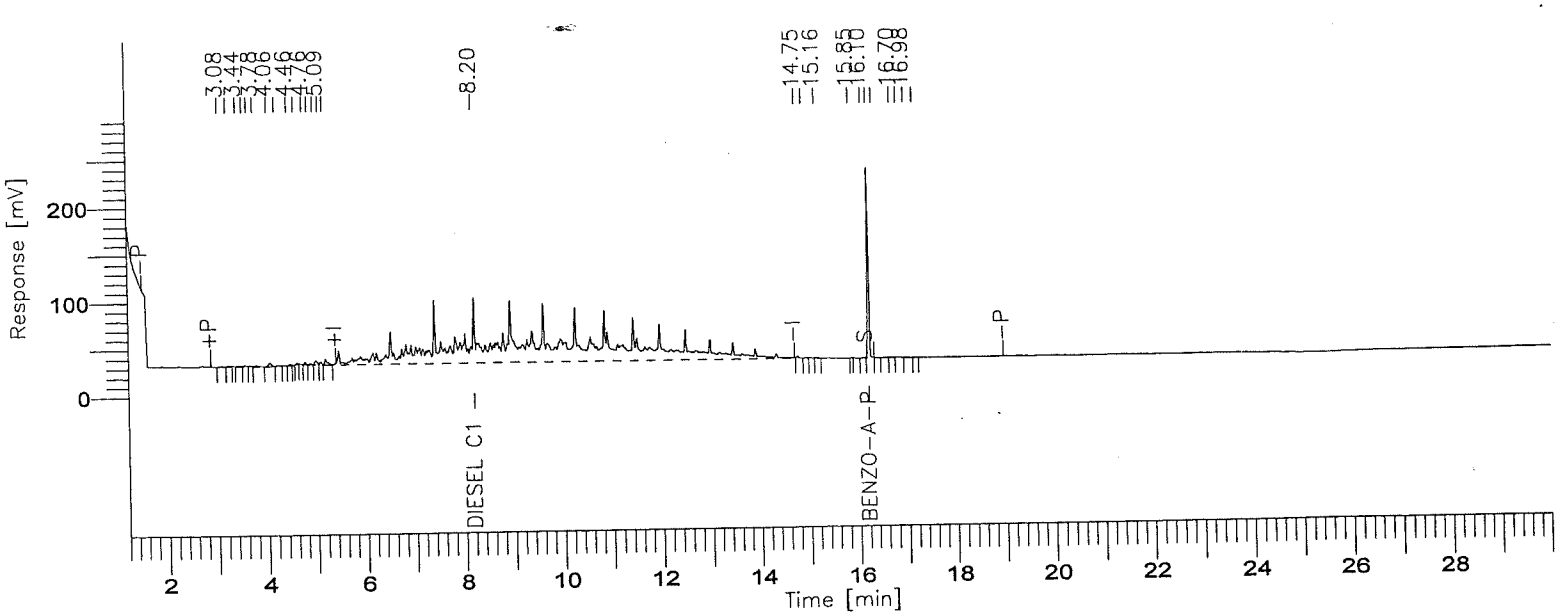
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 27



001520

BOE-C6-0159947

8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.077		3534.00	0.0035	------	----------
3.240		3501.00	0.0035	------	----------
3.435		3383.67	0.0034	------	----------
3.561		3454.33	0.0035	------	----------
3.653		2495.00	0.0025	------	----------
3.776		5864.00	0.0059	------	----------
4.061		13771.50	0.0138	------	----------
4.220		2698.00	0.0027	------	----------
4.460		5006.00	0.0050	------	----------
4.599		4116.50	0.0041	------	----------
4.763		6574.00	0.0066	------	----------
4.872		4934.66	0.0049	------	----------
4.987		16136.97	0.0161	------	----------
5.091		9006.87	0.0090	------	----------
5.185		23841.66	0.0238	------	----------
8.199	DIESEL C10C25	6967496.93	970.5299	1000.0	-2.95
14.754		5405.13	0.0054	------	----------
14.903		814.78	0.0008	------	----------
15.159		1660.00	0.0017	------	----------
15.849		608.00	0.0006	------	----------
16.102		2181.00	0.0022	------	----------
16.205	BENZO-A-PYRENE	413567.00	49.5524	50.0	-0.90
16.317		805.00	0.0008	------	----------
16.699		2206.11	0.0022	------	----------
16.829		2063.89	0.0021	------	----------
16.979		1789.50	0.0018	------	----------
17.153		1449.00	0.0014	------	----------
		7508364.50	1020.2096		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_2\O10_035.TX0

Software Version: 4.1<2F12>
Sample Name : #TEPH00-158 MOTOROIL STD
Sample Number: 1000 PPM
Operator :

Time : 10/11/00 09:43 AM
Study : ICAL-10/10/00

Instrument : GC/FID-02A
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2104574729 Data Acquisition Time: 10/11/00 09:09 AM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_2\O10_036.RAW
Result File : C:\TC4\DATA_2\O10_036.RST
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_036.RST
Proc Method : C:\TC4\DATA_2\METHODS\MC25C36.mth
Calib Method : C:\TC4\DATA_2\METHODS\MC25C36.mth
Sequence File : C:\TC4\DATA_2\O10.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

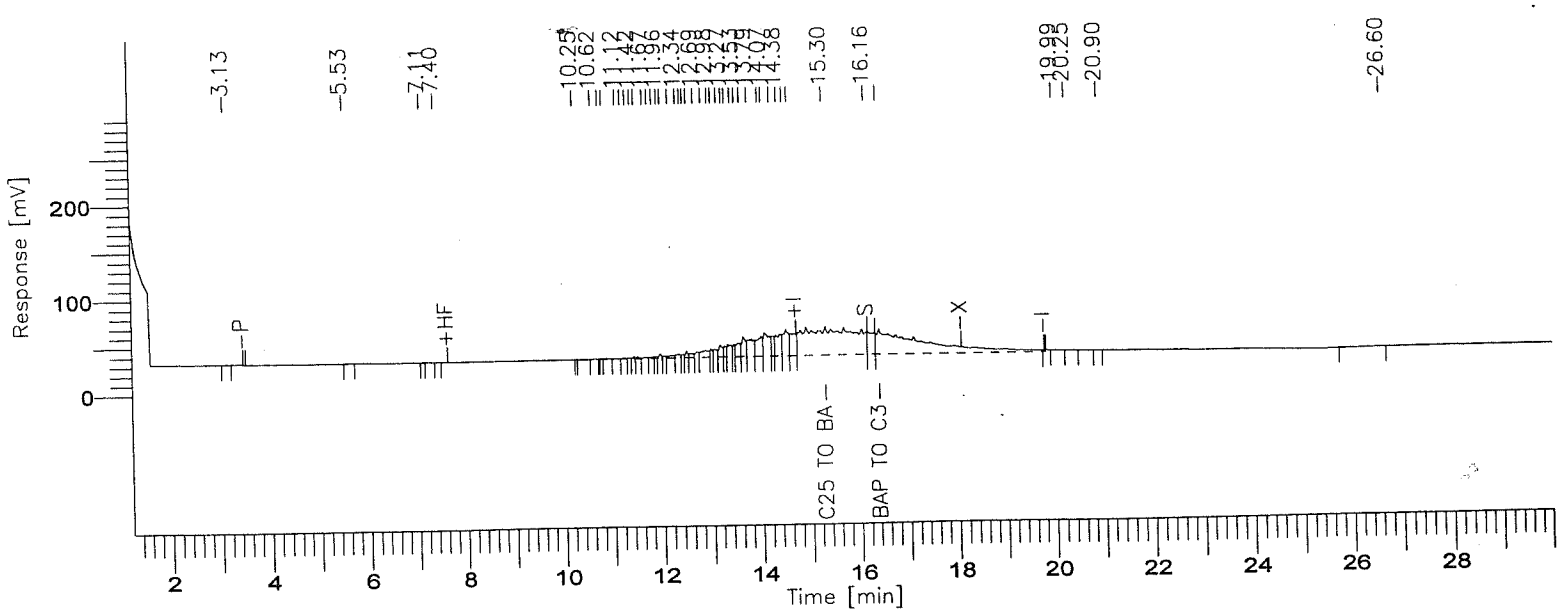
Noise Threshold: 1
Multiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 100
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 47



8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.133		478.00	0.0005	------	----------
5.534		913.50	0.0009	------	----------
7.111		601.00	0.0006	------	----------
7.398		217.00	0.0002	------	----------
10.248		949.00	0.0009	------	----------
10.620		3040.00	0.0030	------	----------
10.770		1867.00	0.0019	------	----------
10.849		4378.00	0.0044	------	----------
11.115		2517.00	0.0025	------	----------
11.220		4232.00	0.0042	------	----------
11.321		2496.00	0.0025	------	----------
11.418		6170.00	0.0062	------	----------
11.498		7013.00	0.0070	------	----------
11.672		8320.00	0.0083	------	----------
11.772		9447.00	0.0094	------	----------
11.870		5280.00	0.0053	------	----------
11.963		15653.00	0.0157	------	----------
12.035		9512.00	0.0095	------	----------
12.191		23438.00	0.0234	------	----------
12.340		22310.00	0.0223	------	----------
12.418		12258.00	0.0123	------	----------
12.482		22319.00	0.0223	------	----------
12.553		27569.00	0.0276	------	----------
12.692		30978.00	0.0310	------	----------
12.854		81372.00	0.0814	------	----------
12.979		30084.00	0.0301	------	----------
13.053		45981.00	0.0460	------	----------
13.169		70852.00	0.0709	------	----------
13.268		42978.00	0.0430	------	----------
13.330		82346.00	0.0823	------	----------
13.451		36440.00	0.0364	------	----------
13.532		91890.00	0.0919	------	----------
13.638		118093.00	0.1181	------	----------
13.787		170647.00	0.1706	------	----------
14.003		181835.00	0.1818	------	----------
14.072		212453.00	0.2125	------	----------
14.244		82502.00	0.0825	------	----------
14.384		190728.00	0.1907	------	----------
14.500		215162.00	0.2152	------	----------
14.596		202402.00	0.2024	------	----------
15.299	MOTOROIL C25 TO C36	3852248.00	917.6651	1000.0	-8.23

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
160		219920.00	0.2199	------	----------
19.994		2215.92	0.0022	------	----------
20.247		1878.58	0.0019	------	----------
20.902		742.00	0.0007	------	----------
26.604		5258.50	0.0053	------	----------
		6159983.50	919.9728		

Group Report For : MOTOROIL C25 TO C36

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
15.299	C25 TO BAP	2079459.00	931.5211	0.0	----------
16.396	BAP TO C36	1772789.00	903.2211	0.0	----------
		3852248.00	1834.7422		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_2\O10_036.TX0

PDE120 Severn Trent Laboratories, Inc. Date 10/11/2000
Page: 1 Data Review Time 11:37:44

Lot/Sample: E0I290341-001 B1 20' TICs.....: N Report Results: Y
WO#.....: DLC1D-1-03 Est. Results: N 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: 10/11/00
Inject Time..: 5:39 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O10_031
Instr ID: G02 Column: RTX-1 ID: .53
Sampling date.....: 9/27/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:CONCEPCE 0/10/11 12:35:16
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number: 0276246
Prep Time....: 13:00-17:00
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
04490	Diesel Range Organics (	*		NA	10			NA
04980	Diesel Range Organics			323.774	10	6		
05013	Motor Oil Range Organic			60.117	10	5		
03052	TPH (as Diesel)	*		NA	10	5		NA
03053	TPH (as Motor Oil)	*		NA	10	5		NA

SYN#	Surrogate Recovery	Exc Code	Spike Amount	Measured Amount	Percent Recovery	Data Qual	Report Qual
00211	Benzo(a)pyrene		12.5	10.793	86.344		

Notes:
The pattern is a mixture of diesel and unknown hydrocarbons eluting from before c10 to C32.

Software Version: 4.1<2F12>
Sample Name : 341-01 Time : 10/11/00 10:51 AM
Sample Number: DLC1D103 Study : ICAL-10/10/00
Operator :

Instrument : GC/FID-02A Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2104574729 Data Acquisition Time: 10/11/00 05:39 AM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

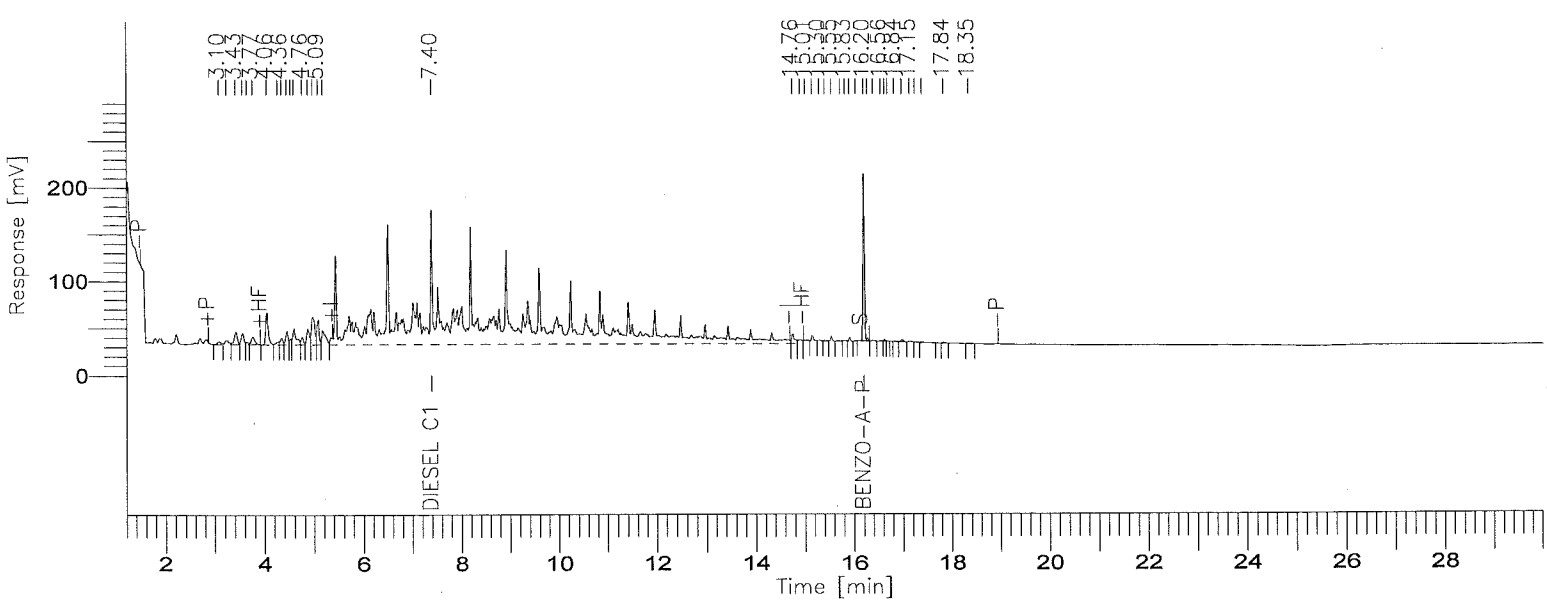
Raw Data File : C:\TC4\DATA_2\O10_031.RAW
Result File : C:\TC4\DATA_2\O10_031.RST
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_031.RST
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_031.RST
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_031.RST
Sequence File : C:\TC4\DATA_2\O10.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: 42



001526

8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.40	DIESEL C10C25	9297580	323.774	------	10.0	
16.20	BENZO-A-PYRENE	360315	10.793	86.3	10.0	
		9657895	334.567	86.3	20.0	

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_2\O10_031.TX0

Lot/Sample: E0I290341-001S B1 20' TICs.....: N Report Results: Y
WO#.....: DLC1D-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: 10/11/00
Inject Time..: 6:18 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O10_032
Instr ID: G02 Column: RTX-1 ID: .53
Sampling date.....: 9/27/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:CONCEPCE 0/10/02 17:10:17
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number: 0276246
Prep Time....: 13:00-13:00
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	601.5837	111.1	32.66		
	Sample amount: 323.774								
05013	Motor Oil Range Organic			250	NA	0	0		NA
	Sample amount: 60.117								
03052	TPH (as Diesel)			250	NA	0	0		NA
	Sample amount: NA								
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	10.389	83.1176		NA

Software Version: 4.1<2F12>
Sample Name : 341-01 MS Time : 10/11/00 10:52 AM
Sample Number: DLC1D103S Study : ICAL-10/10/00
Operator :

Instrument : GC/FID-02A Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2104574729 Data Acquisition Time: 10/11/00 06:18 AM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

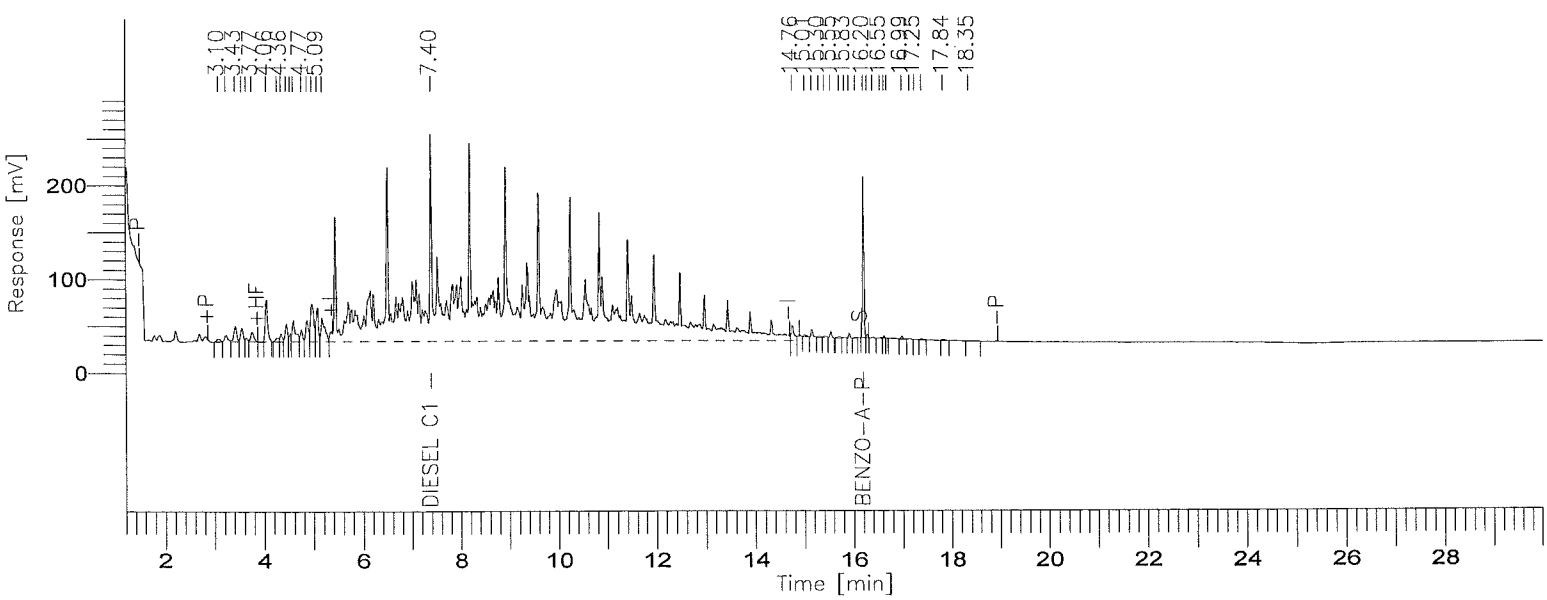
Raw Data File : C:\TC4\DATA_2\O10_032.RAW
Result File : C:\TC4\DATA_2\O10_032.RST
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_032.RST
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_032.RST
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_032.RST
Sequence File : C:\TC4\DATA_2\O10.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: 40



001529

BOE-C6-0159956

8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% RECOVERY
7.402	DIESEL C10C25	17275232.00	601.5837	250.00	240.63
16.204	BENZO-A-PYRENE	346853.84	10.3897	12.50	83.12
		17622085.84	611.9734	262.50	323.75

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_2\O10_032.TX0

Lot/Sample: E0I290341-001D B1 20' TICs.....: N Report Results: Y
WO#.....: DLC1D-1-05 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: 10/11/00
Inject Time..: 16:57 Inject Vol: 1.0 Units: uL
Analyst.....: 356074 Elvie Concepcion
Dil Factor: 1.00 Instr File: O10_033
Instr ID: G02 Column: RTX-1 ID: .53
Sampling date.....: 9/27/00
Leach Date.....: 0/00/00
Leach Batch.....:
Buffer Type.....:
Leach Weight.....: .0
Leach Volume.....: 0 Units:
Entered by.....:CONCEPCE 0/10/02 17:10:17
Prep Comments.....:
Analysis Comments...:
Result Units.....:mg/kg

Prep Date....: 10/02/00
QC Batch.....: 0276468
MS Run Number: 0276246
Prep Time....: 13:00-13:00
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	836.4505	205.0	32.66	a	a
	Sample amount: 323.774								
05013	Motor Oil Range Organic			250	NA	0	0		NA
	Sample amount: 60.117								
03052	TPH (as Diesel)			250	NA	0	0		NA
	Sample amount: NA								
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	12.829	102.632		NA

Notes:

a Spiked analyte recovery is outside stated control limits.

Software Version: 4.1<2F12>
Sample Name : 341-01 MSD Time : 10/11/00 10:54 AM
Sample Number: DLC1D105D Study : ICAL-10/10/00
Operator :

Instrument : GC/FID-02A Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2104574729 Data Acquisition Time: 10/11/00 06:57 AM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

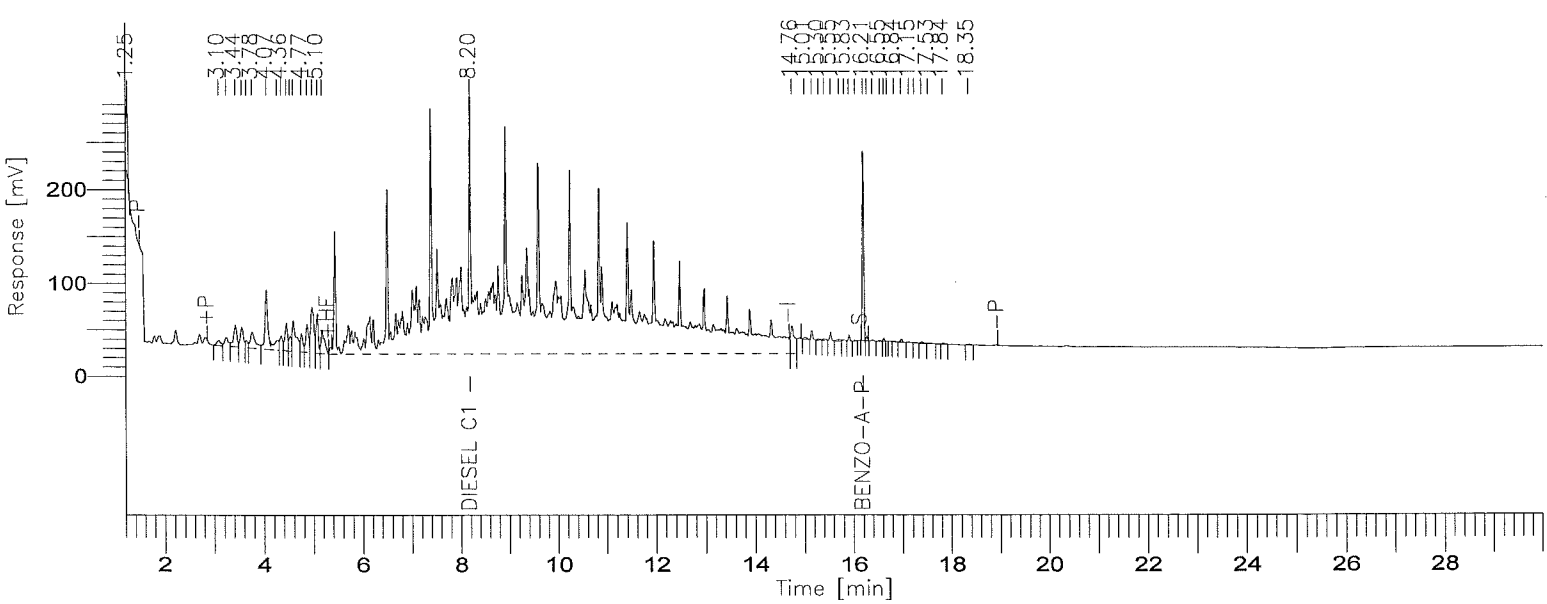
Raw Data File : C:\TC4\DATA_2\O10_033.RAW
Result File : C:\TC4\DATA_2\O10_033.RST
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_033.RST
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_033.RST
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_033.RST
Sequence File : C:\TC4\DATA_2\O10.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: 43



8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% RECOVERY
8.200	DIESEL C10C25	24019727.00	836.4504	250.00	334.58
16.206	BENZO-A-PYRENE	428285.47	12.8290	12.50	102.63
		24448012.47	849.2794	262.50	437.21

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_2\O10_033.TX0

INITIAL CALIBRATION DATA

Date Analyzed: 082800

Instrument ID: GC01

Diesel $C_{10} \rightarrow C_{24}$

BOE-C6-0159961

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

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: Ulm or 76 Edwards Stds

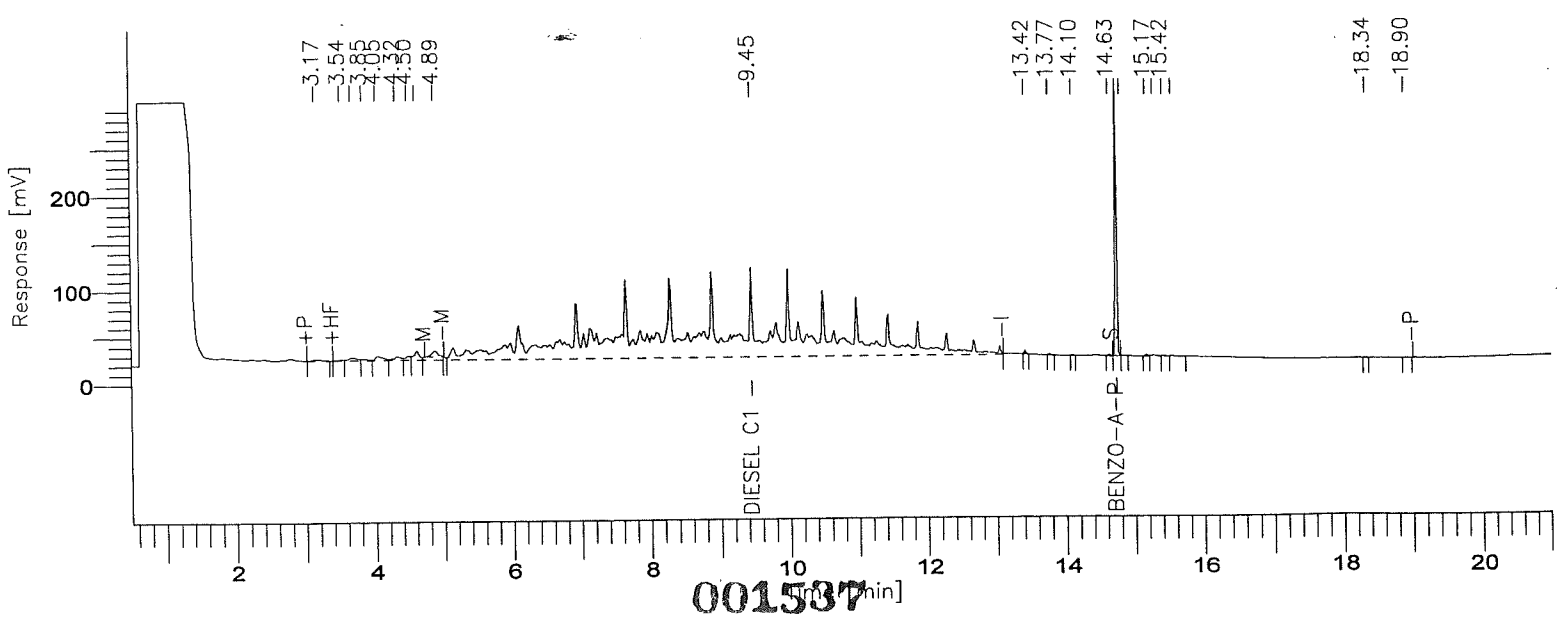
Raw Data File : C:\TC4\DATA_01\828_011.RAW
Result File : C:\TC4\DATA_01\828_011.RST
Inst Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\828_011.R
Proc Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\828_011.R
Calib Method : C:\TC4\DATA_01\METHODS\DBC10C24 from C:\TC4\DATA_01\828_011.R
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



001537

BOE-C6-0159964

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	------	----------
4.101		905	0.0009	------	----------
14.629		2583	0.0026	------	----------
14.735	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.TXO

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

ıfidence 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
Sample Number: 40 PPM
Operator :

Time : 8/28/00 03:17 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 12:43 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

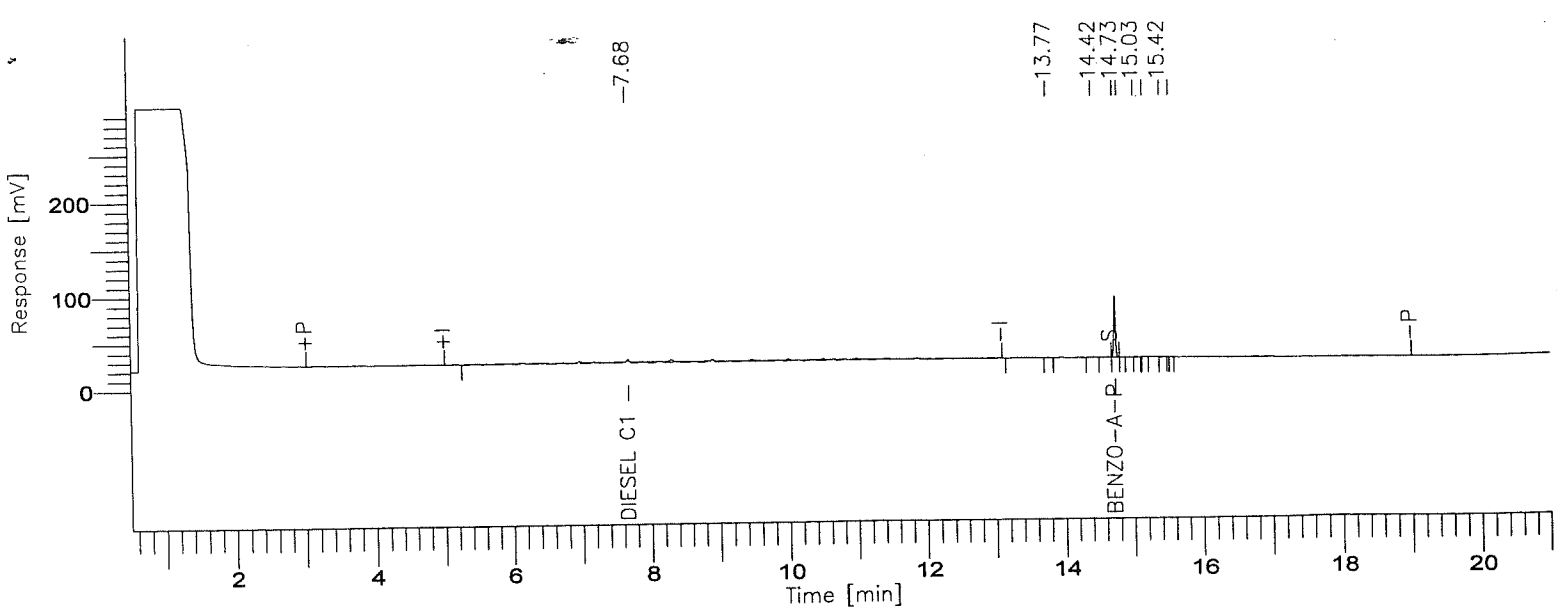
Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
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:

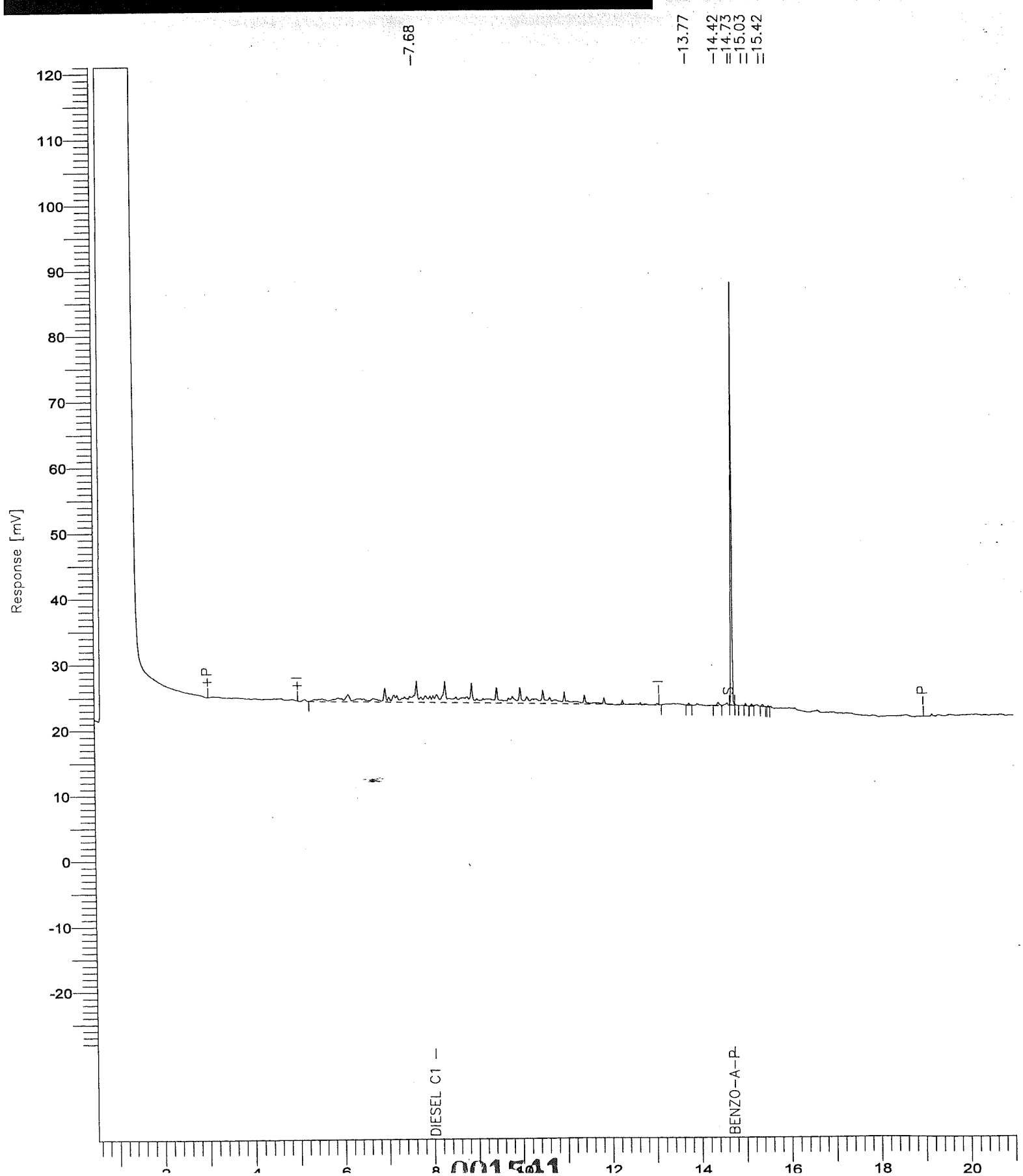
Total number of peaks detected: 9



001540

BOE-C6-0159967

[redacted]


7.68
13.77
14.42
14.73
15.03
15.42
Response [mV]
120
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
P
I
I
S
P
DIESEL C1
BENZO-A-P
2
4
6
8
10
12
14
16
18
20

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

nfidence 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
S ple Number: 100 PPM
Operator :

Time : 8/28/00 03:18 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 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

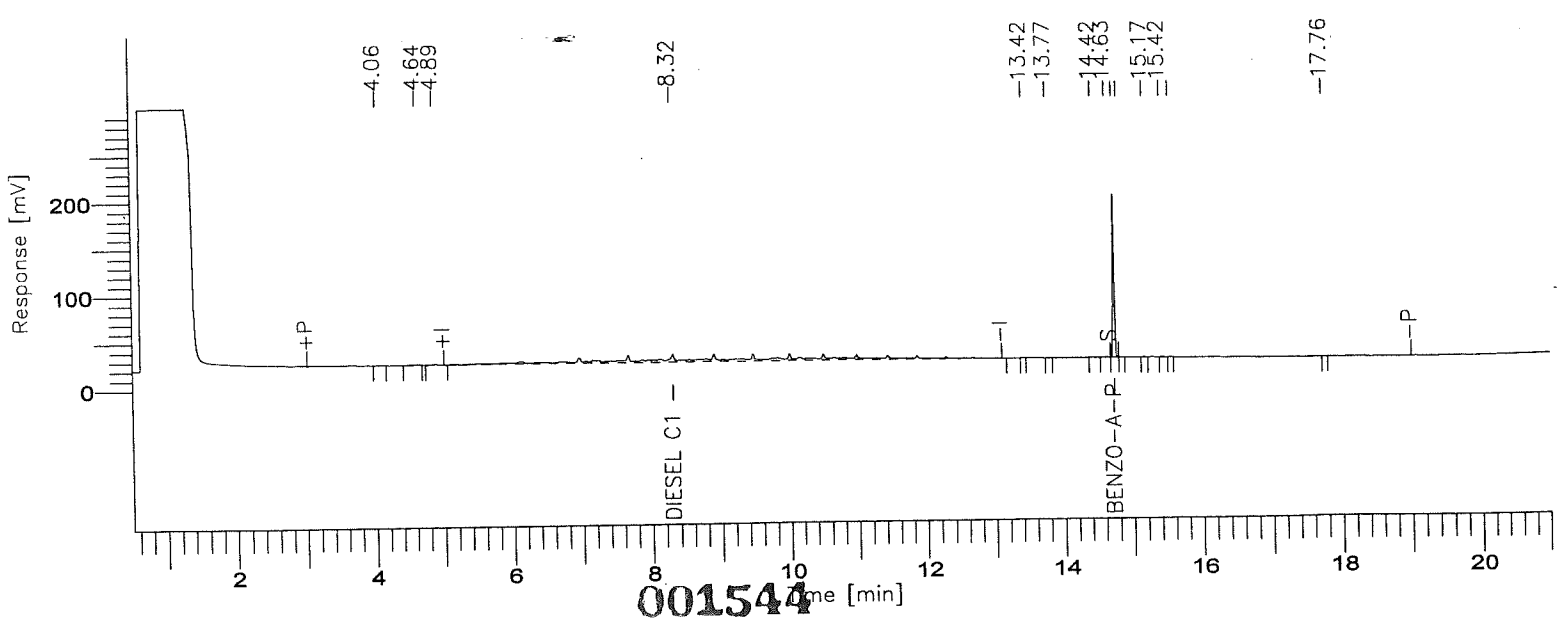
Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

ise 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



001544

BOE-C6-0159971

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
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: 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

ıfidence 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

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 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

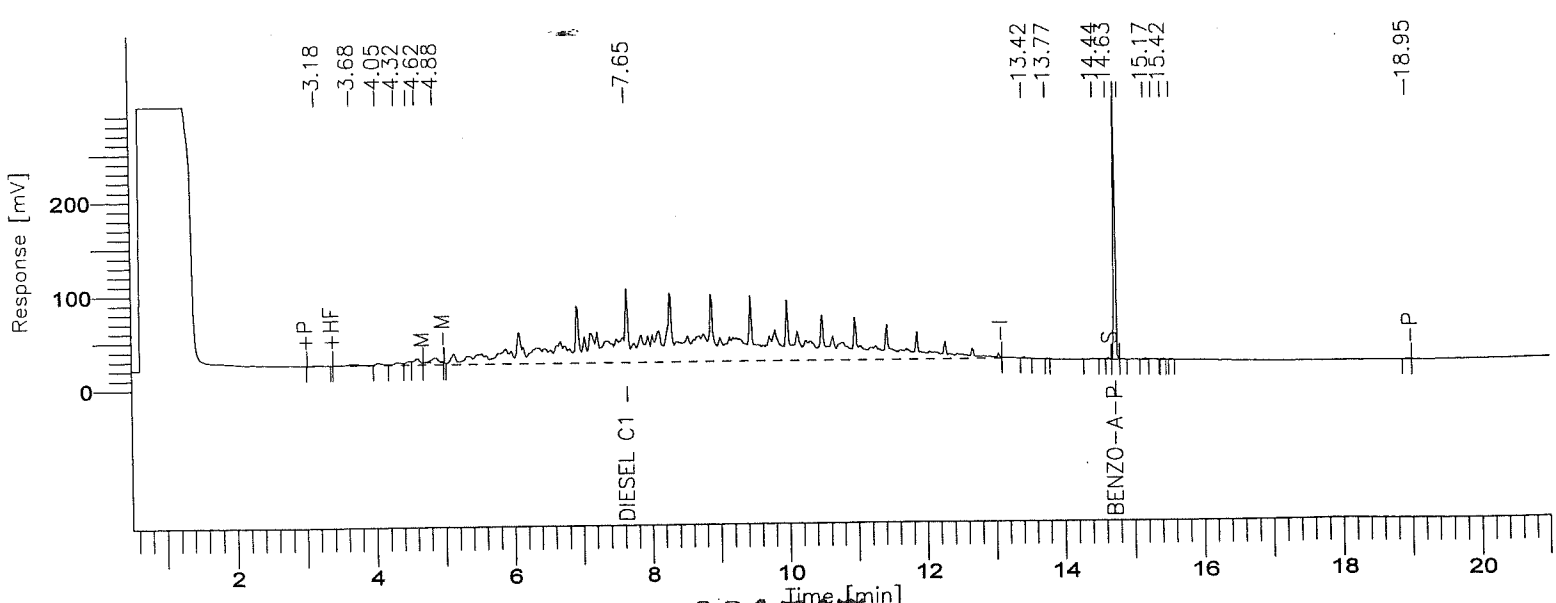
Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Noise Threshold: 50
Multiplier : 1.0000
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: 19



001547

BOE-C6-0159974

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
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: 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

nfidence 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
S ple Number: 2000 PPM
Operator :

Time : 8/28/00 03:20 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 02:12 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

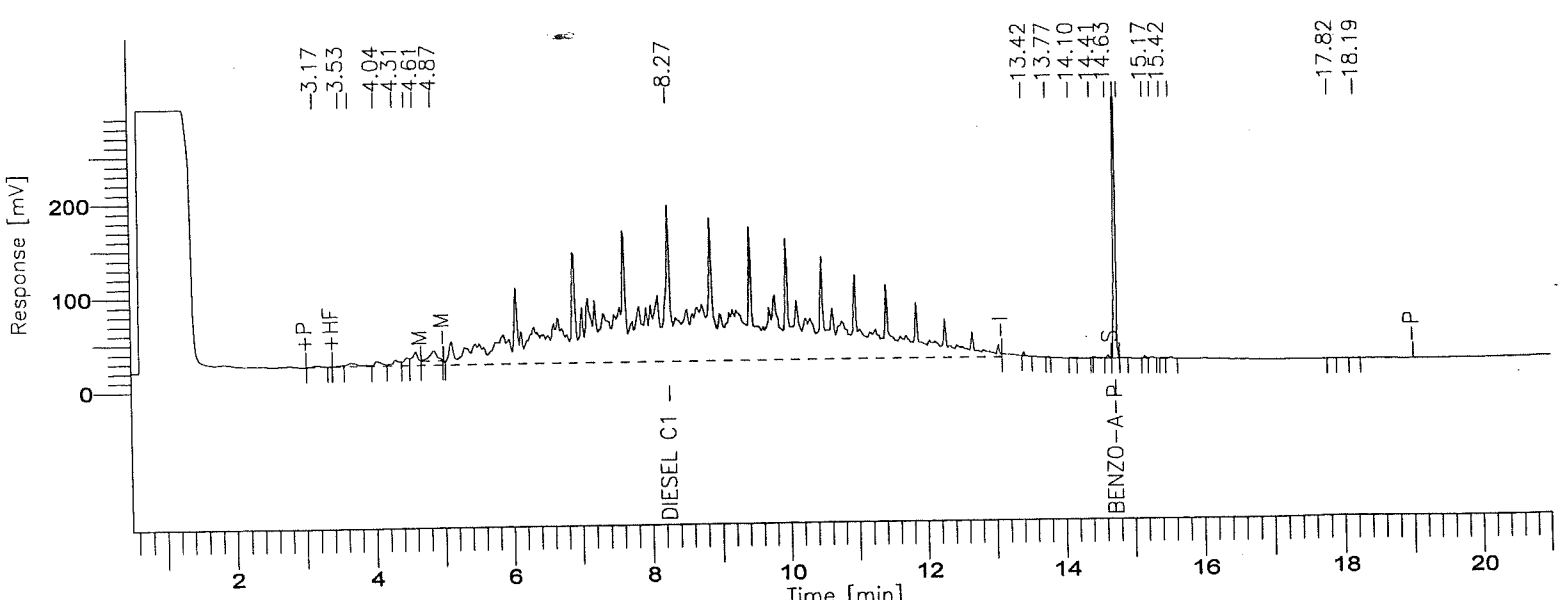
Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

. ise 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



001550

BOE-C6-0159977

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.TX0

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
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: 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

nfidence 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

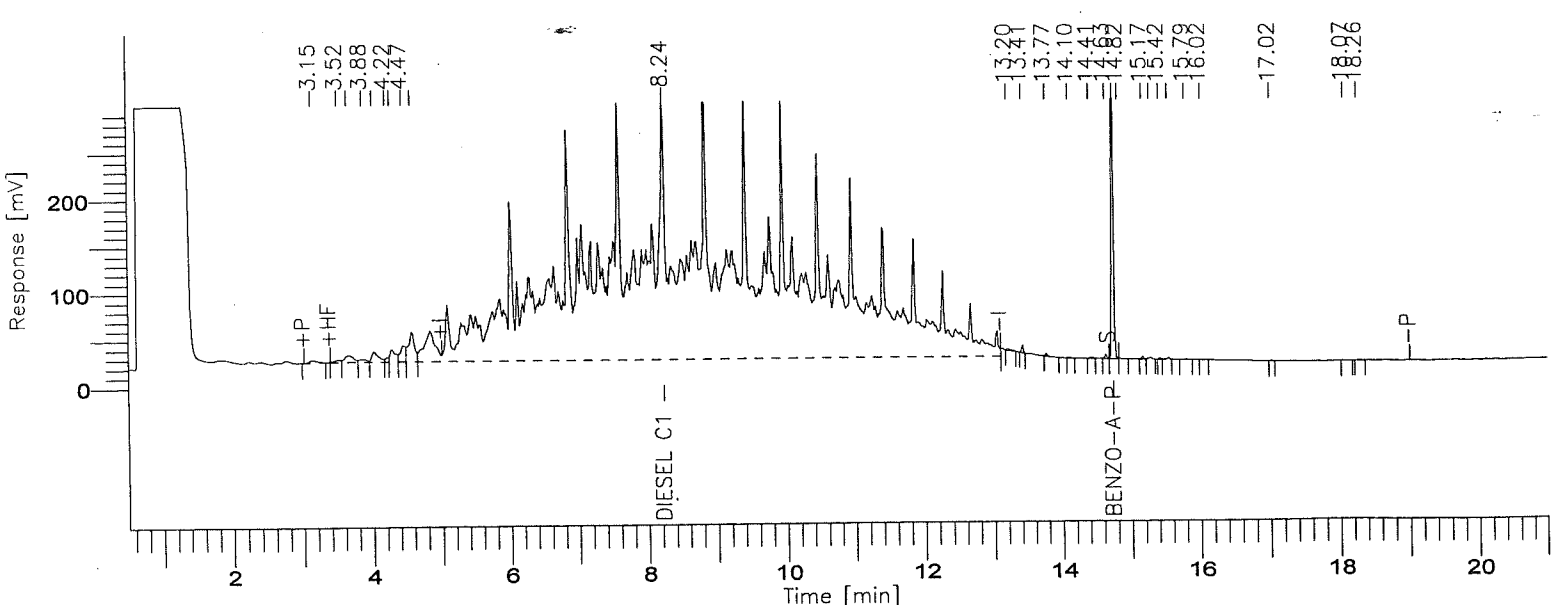
Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Noise Threshold: 50
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



001553

BOE-C6-0159980

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

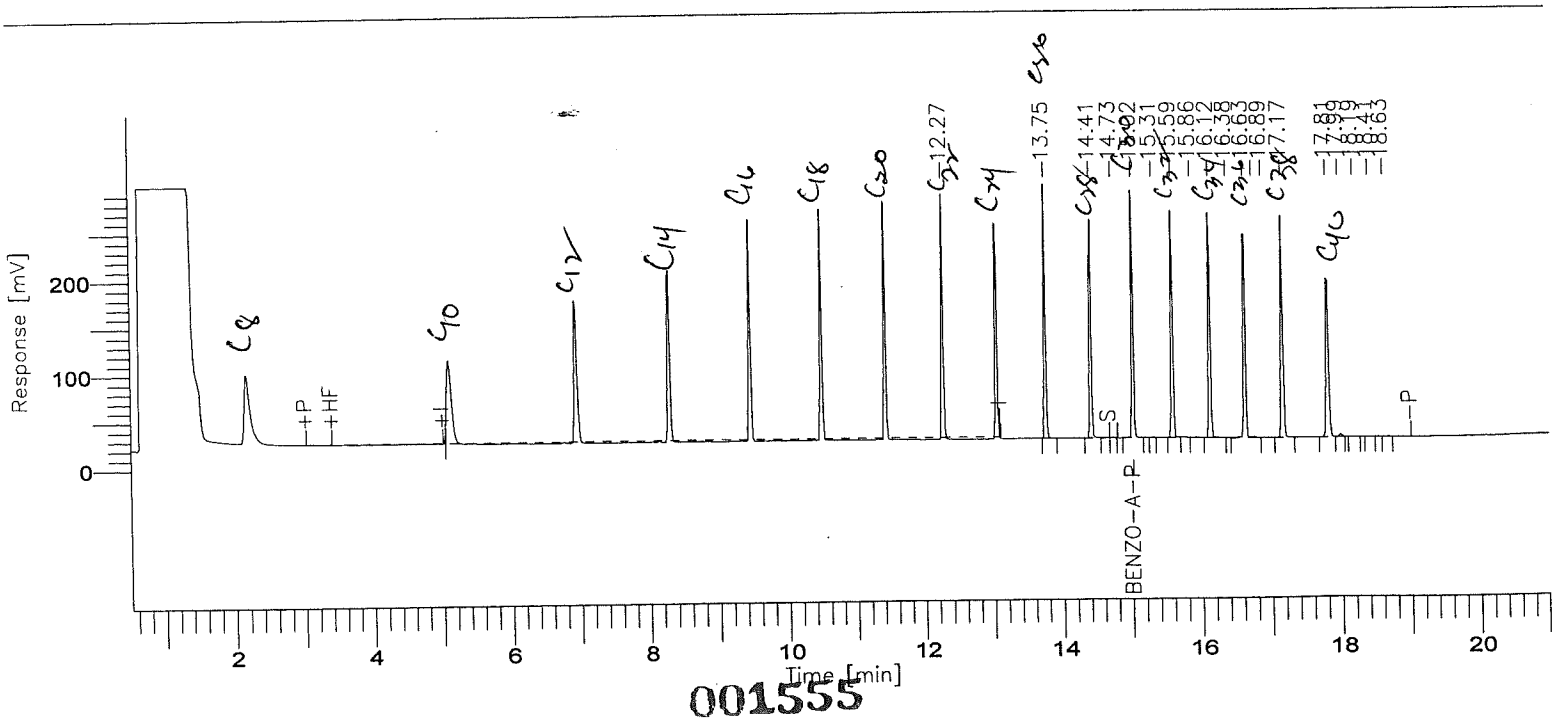
Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
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



001555

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 :

Number 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
	Sample			ICAL 8/28/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
	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
20	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
9	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

Diesel ICAL good check 8-28-00 EC

001557

INITIAL CALIBRATION DATA

Date Analyzed: 10-10-00

Instrument ID: GC02

Diesel C10 → C25

Turbochrom Method File : C:\TC4\DATA_2\METHODS\DBC10C25.MTH
Created by : ELVIE on : 8/4/99 01:46 PM
Edited by : LB on : 10/11/00 08:05 AM
Description :

Number of Times Edited : 103
Number of Times Calibrated : 682

G202 Diesel C_{10}-C_{25}

DB C_{10} C_{25}. Mth.
10/10/00
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 1.500
Event #2 - +P at 2.879
Event #3 - +HF at 2.900
Event #4 - +I at 5.383
Event #5 - -I at 14.696
Event #6 - -HF at 14.770
Event #7 - S at 16.157
Event #8 - S at 16.311
Event #9 - -P at 18.950

Annotated Replot Parameters :
No replot will be printed

Report Format files :
No report format files given

User Programs :
User Program #1 : C:\windows\system\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

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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 C10C25

Component Type : Single Peak Component
Retention Time : 10.019 min Search Window: 10.00 s, 50.00 %
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	294659.21	3077.65	----------	----------	1
2	100.0000	748071.25	7483.08	----------	----------	1
3	1000.0000	6957720.14	69050.37	----------	----------	1
4	2000.0000	14137271.62	139800.46	----------	----------	1
5	5000.0000	35108870.67	347843.94	----------	----------	1

Average Calibration Factor = 7179.064567 (%RSD = 3.21)

BENZO-A-PYRENE

Component Type : Single Peak Component
Retention Time : 16.232 min Search Window: 2.00 s, 1.00 %
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	82408.05	40351.44	----------	----------	1
2	25.0000	208340.78	97988.78	----------	----------	1
3	50.0000	414705.65	201693.36	----------	----------	1
4	80.0000	675250.94	340817.13	----------	----------	1
5	100.0000	842111.75	453471.30	----------	----------	1

Average Calibration Factor = 8346.060804 (%RSD = 1.01)

Software Version: 4.1<2F12>
Sample Name : #TEPH00-129 SECOND SOURCE DIESEL STD Time : 10/11/00 08:20 AM
Sample Number: 1000 PPM Study : ICAL-10/10/00
Operator :

Instrument : GC/FID-02A Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2104574729 Data Acquisition Time: 10/11/00 07:50 AM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Second, source - good to use BC
From Ext. lab. diesel
Stock #1660-2

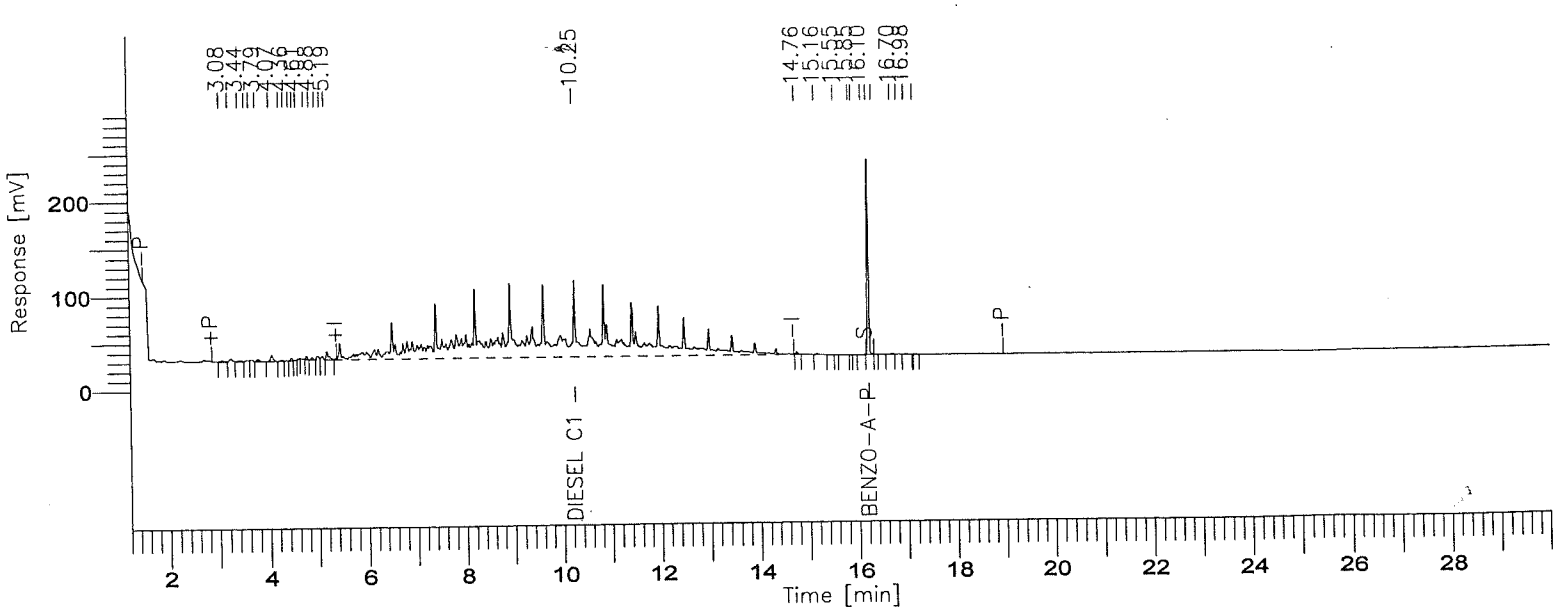
Raw Data File : C:\TC4\DATA_2\O10_034.RAW
Result File : C:\TC4\DATA_2\O10_034.RST
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_034.RST
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25
Sequence File : C:\TC4\DATA_2\O10.SEQ

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: 30



8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.082		7659.25	0.0077	------	----------
3.251		13202.79	0.0132	------	----------
3.442		6976.54	0.0070	------	----------
3.573		7354.46	0.0074	------	----------
3.663		7779.84	0.0078	------	----------
3.786		12853.12	0.0129	------	----------
4.069		24137.00	0.0241	------	----------
4.268		5631.77	0.0056	------	----------
4.361		1817.73	0.0018	------	----------
4.464		7558.80	0.0076	------	----------
4.537		931.20	0.0009	------	----------
4.607		3283.00	0.0033	------	----------
4.770		8370.50	0.0084	------	----------
4.882		7235.80	0.0072	------	----------
4.994		15806.90	0.0158	------	----------
5.096		10560.30	0.0106	------	----------
5.191		33802.00	0.0338	------	----------
10.249	DIESEL C10C25	6860908.69	955.6828	1000.0	-4.43
14.761		7658.31	0.0077	------	----------
15.163		3268.00	0.0033	------	----------
15.549		900.50	0.0009	------	----------
15.852		943.20	0.0009	------	----------
15.912		1291.80	0.0013	------	----------
16.104		2099.00	0.0021	------	----------
16.211	BENZO-A-PYRENE	444342.33	53.2398	50.0	6.48
16.317		428.17	0.0004	------	----------
16.701		2545.88	0.0025	------	----------
16.832		2269.12	0.0023	------	----------
16.982		1766.00	0.0018	------	----------
17.156		1678.00	0.0017	------	----------
		7505060.00	1009.1224		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

==========

Report stored in ASCII file: C:\TC4\DATA_2\O10_034.TX0

Software Version: 4.1<2F12>
Date: 10/11/00 08:04 AM
Sample Name : #TEPH00-175 DIESEL STD
Data File : C:\TC4\DATA_2\010_011.RAW Date: 10/10/00 04:35 PM
S ıence File: C:\TC4\DATA_2\010.SEQ Cycle: 11 Channel : A
Instrument : GC/FID-02A Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_2\METHODS\DBC10C25.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 C10C25	10.019	40.00000	294659.208772	7366.480219	23.36	8	------	------	1	0
BENZO-A-PYRENE	16.232	10.00000	82408.054054	8240.805405	0.20	10	------	------	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 C10C25	0.000000	7179.064567	----------	----------	--------	9
BENZO-A-PYRENE	0.000000	8346.060804	----------	----------	--------	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 : #TEPH00-175 DIESEL STD
Sample Number: 40 PPM
Operator :

Time : 10/11/00 08:04 AM
Study : ICAL-10/10/00

Instrument : GC/FID-02A
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2104574729 Data Acquisition Time: 10/10/00 04:35 PM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_2\O10_011.RAW
Result File : C:\TC4\DATA_2\O10_011.rst
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_011.rst
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Sequence File : C:\TC4\DATA_2\O10.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

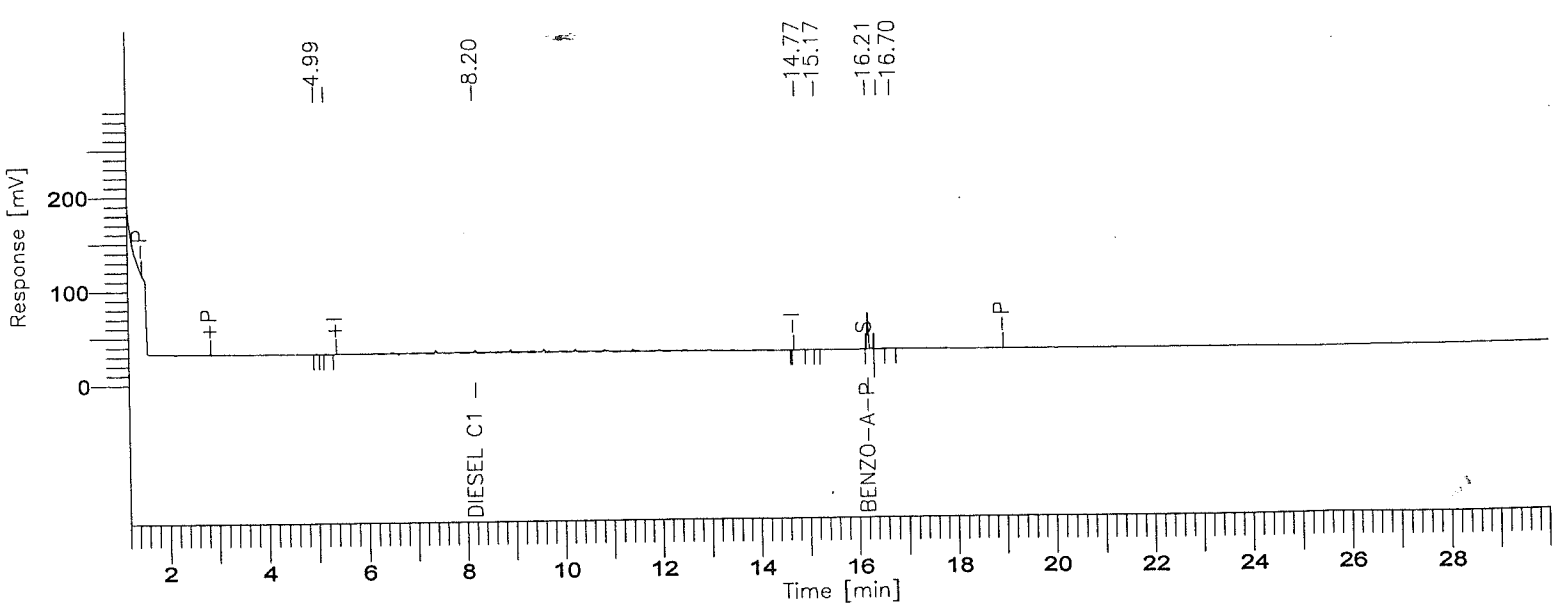
Area Reject : 0.000000
Dilution Factor : 1.00

Noise Threshold: 50
Multiplier : 1.0000
Area Threshold : 200
Divisor : 1.0000
Bunch Factor: 1
Addend : 0.0000

r1 : TPHDA
User2 :
User3 :
User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 8



8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.20	DIESEL C10C25	294659	41.044	------	10.0	
16.21	BENZO-A-PYRENE	82408	9.874	79.0	10.0	
		377067	50.918	79.0	20.0	

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

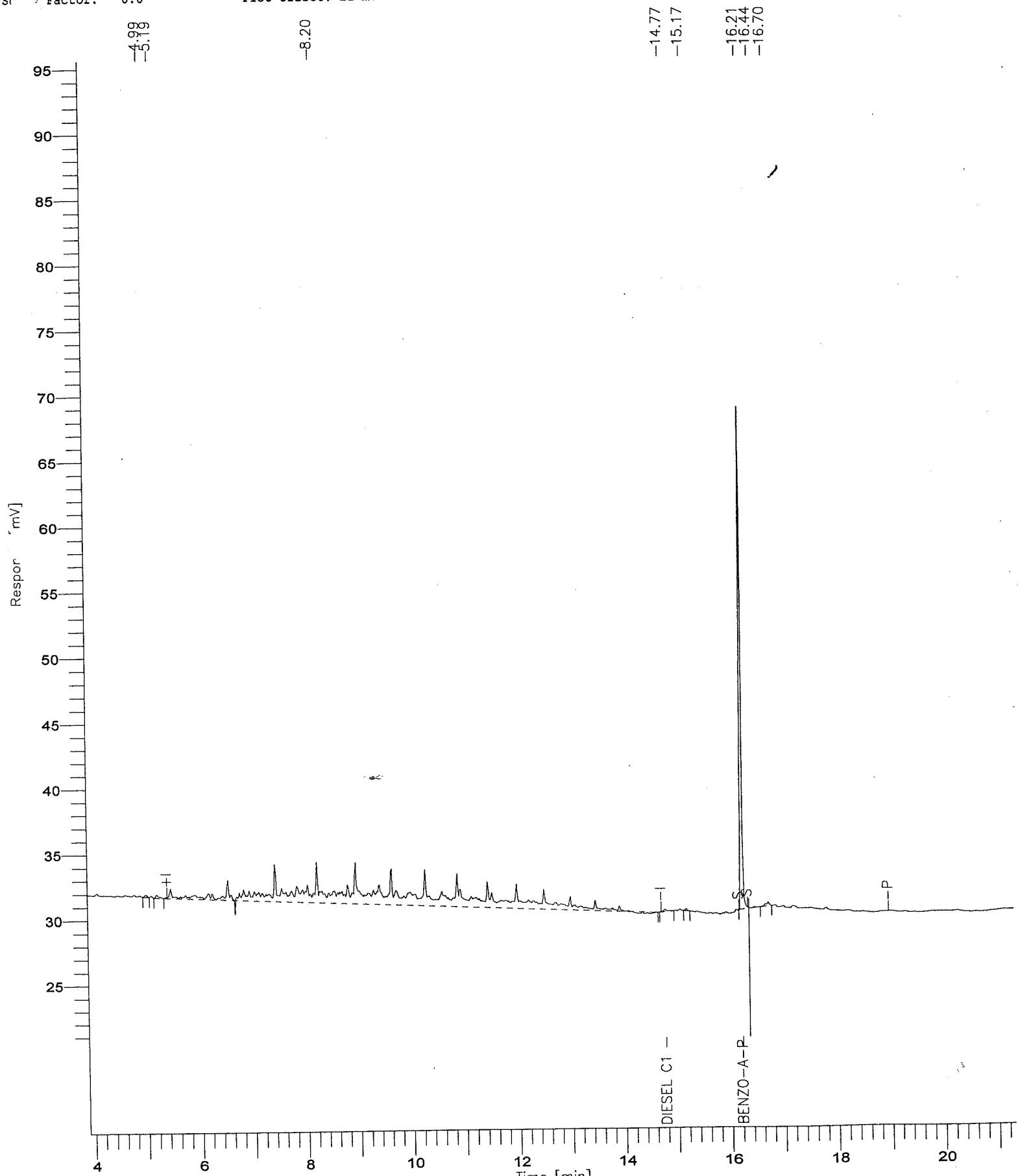
STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_2\O10_011.TX0

Chromatogram

Sample Name : #TEPH00-175 DIESEL STD
FileName : C:\TC4\DATA_2\010_011.RAW
Method :
Start Time : 3.88 min End Time : 21.30 min
Sc Factor: 0.0 Plot Offset: 21 mV

Sample #: 40 PPM
Date : 10/11/00 07:58 AM
Time of Injection: 10/10/00 04:35 PM
Low Point : 20.55 mV High Point : 95.63 mV
Plot Scale: 75.1 mV



001567

Software Version: 4.1<2F12>
Date: 10/11/00 08:00 AM
Sample Name : #TEPH00-176 DIESEL STD
Data File : C:\TC4\DATA_2\O10_012.RAW Date: 10/10/00 05:14 PM
S ·uence File: C:\TC4\DATA_2\O10.SEQ Cycle: 12 Channel : A
Instrument : GC/FID-02A Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_2\METHODS\DBC10C25.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 C10C25	12.457	100.00000	748071.252632	7480.712526	22.68	8	------	------	1	0
BENZO-A-PYRENE	16.232	25.00000	208340.782609	8333.631304	0.20	10	------	------	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 C10C25	0.000000	2893.063594	----------	----------	--------	9
BENZO-A-PYRENE	0.000000	8346.060804	----------	----------	--------	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 : #TEPH00-176 DIESEL STD Time : 10/11/00 08:00 AM
Sample Number: 100 PPM Study : ICAL-10/10/00
Operator :

Instrument : GC/FID-02A Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2104574729 Data Acquisition Time: 10/10/00 05:14 PM
Delay Time : 1.20 min.
End Time : 23.17 min.
Sampling Rate : 1.0000 pts/sec

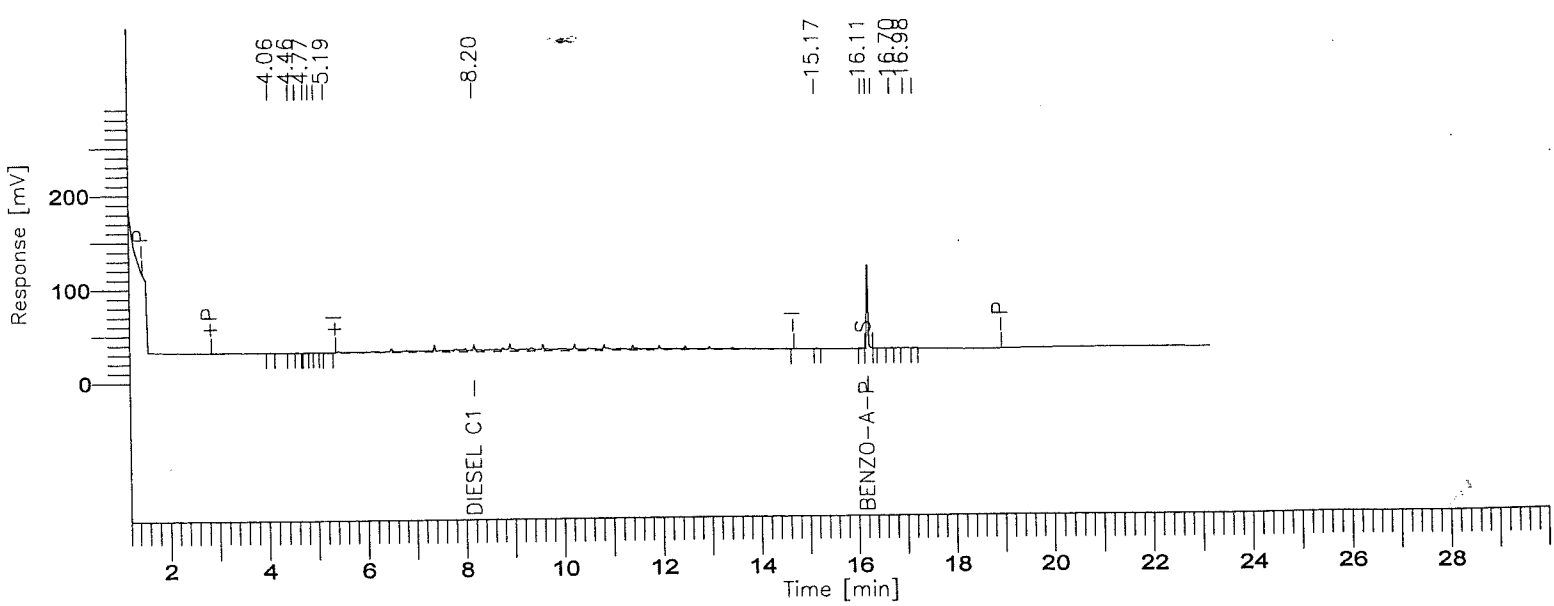
Raw Data File : C:\TC4\DATA_2\O10_012.RAW
Result File : C:\TC4\DATA_2\O10_012.rst
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_012.rst
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Sequence File : C:\TC4\DATA_2\O10.SEQ

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: 15



001569

BOE-C6-0159996

8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.20	DIESEL C10C25	748071	258.574	------	10.0	
16.21	BENZO-A-PYRENE	208341	24.963	199.7	10.0	
		956412	283.537	199.7	20.0	

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

port stored in ASCII file: C:\TC4\DATA_2\O10_012.TXO

Software Version: 4.1<2F12>
Date: 10/11/00 07:54 AM
Sample Name : #TEPH00-178 DIESEL STD
Data File : C:\TC4\DATA_2\O10_013.RAW Date: 10/10/00 05:54 PM
Sequence File: C:\TC4\DATA_2\O10.SEQ Cycle: 13 Channel : A
Instrument : GC/FID-02A Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_2\METHODS\DBC10C25.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 C10C25	13.114	1000.00000	6957720.143836	6957.720144	16.72	8	------	------	1	0
BENZO-A-PYRENE	16.307	50.00000	414705.652174	8294.113043	0.51	10	------	------	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 C10C25	0.000000	3998.157809	----------	----------	--------	9
BENZO-A-PYRENE	0.000000	2335.742091	----------	----------	--------	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 : #TEPH00-178 DIESEL STD Time : 10/11/00 07:54 AM
Sample Number: 1000 PPM Study : ICAL-10/10/00
Operator :

Instrument : GC/FID-02A Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 2104574729 Data Acquisition Time: 10/10/00 05:54 PM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

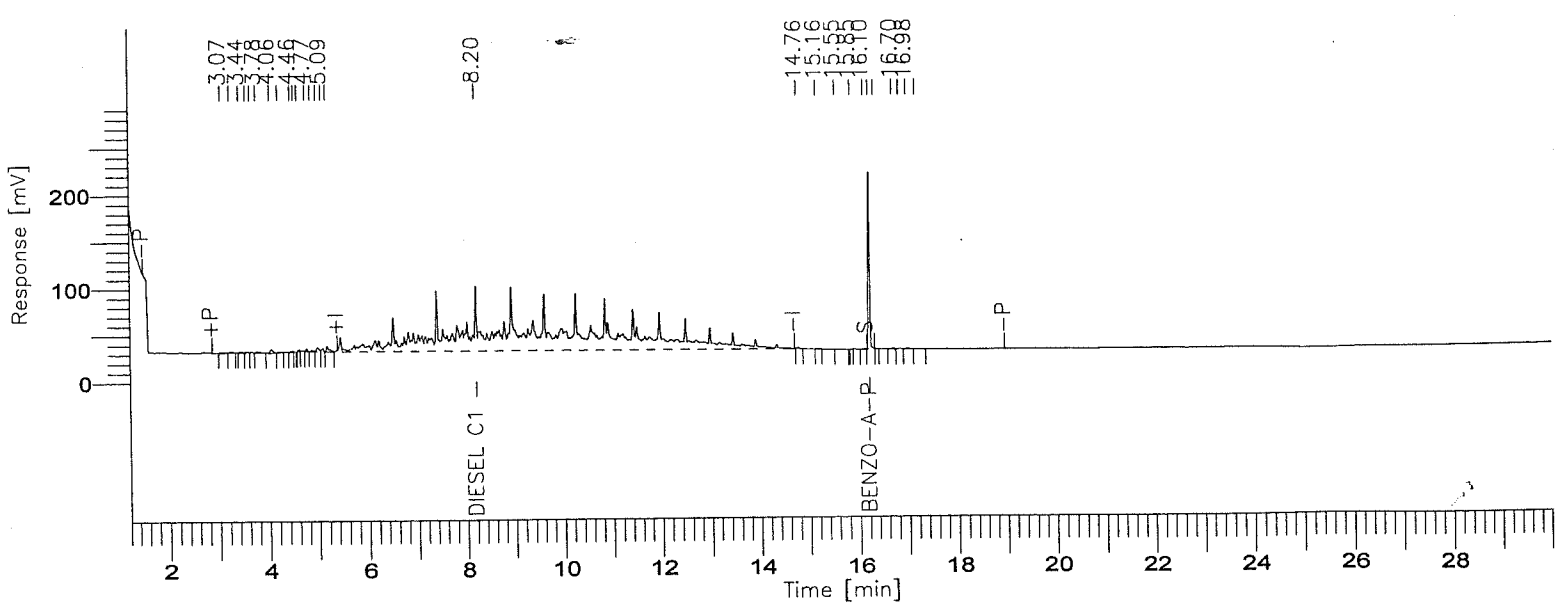
Raw Data File : C:\TC4\DATA_2\O10_013.RAW
Result File : C:\TC4\DATA_2\O10_013.rst
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_013.rst
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Sequence File : C:\TC4\DATA_2\O10.SEQ

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



001572

8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.20	DIESEL C10C25	6957720	1740.231	------	10.0	
16.21	BENZO-A-PYRENE	414706	177.548	1420.4	10.0	
		7372426	1917.779	1420.4	20.0	

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

. port stored in ASCII file: C:\TC4\DATA_2\O10_013.TX0

Software Version: 4.1<2F12>
Date: 10/11/00 08:01 AM
Sample Name : #TEPH00-179 DIESEL STD
Data File : C:\TC4\DATA_2\O10_014.RAW Date: 10/10/00 06:33 PM
Sequence File: C:\TC4\DATA_2\O10.SEQ Cycle: 14 Channel : A
Instrument : GC/FID-02A Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

==========

Updating method : C:\TC4\DATA_2\METHODS\DBC10C25.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 C10C25	11.586	2000.00000	1.41372716e+07	7068.635812	25.40	8	------	------	1	0
BENZO-A-PYRENE	16.232	80.00000	675250.941176	8440.636765	0.20	10	------	------	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 C10C25	0.000000	4306.498756	----------	----------	--------	9
BENZO-A-PYRENE	0.000000	8346.060804	----------	----------	--------	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 : #TEPH00-179 DIESEL STD
Sample Number: 2000 PPM
Operator :

Time : 10/11/00 08:01 AM
Study : ICAL-10/10/00

Instrument : GC/FID-02A
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2104574729 Data Acquisition Time: 10/10/00 06:33 PM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_2\O10_014.RAW
Result File : C:\TC4\DATA_2\O10_014.rst
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_014.rst
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Sequence File : C:\TC4\DATA_2\O10.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

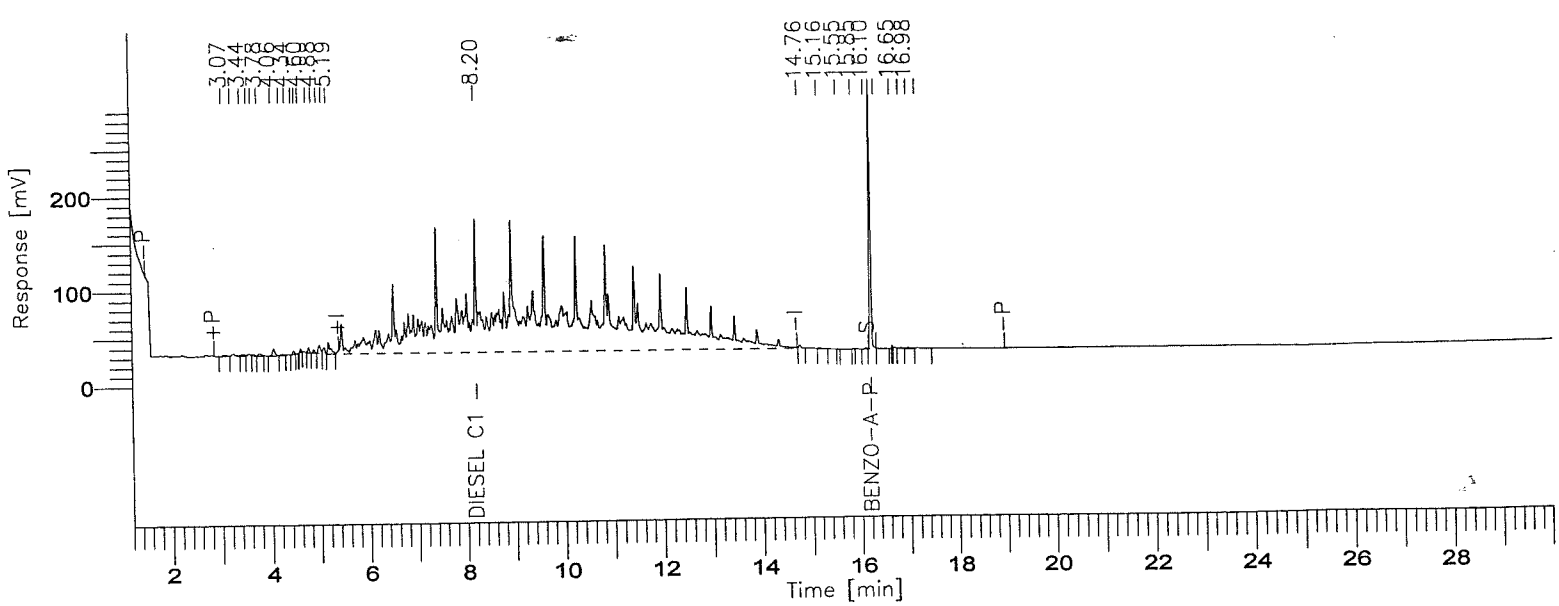
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 29



8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.20	DIESEL C10C25	14137272	3282.776	------	10.0	
16.21	BENZO-A-PYRENE	675251	80.907	647.3	10.0	
		14812523	3363.683	647.3	20.0	

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_2\O10_014.TXO

Software Version: 4.1<2F12>
Date: 10/11/00 08:02 AM
Sample Name : #TEPH00-181 DIESEL STD
Data File : C:\TC4\DATA_2\O10_015.RAW Date: 10/10/00 07:13 PM
Sequence File: C:\TC4\DATA_2\O10.SEQ Cycle: 15 Channel : A
Instrument : GC/FID-02A Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_2\METHODS\DBC10C25.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 C10C25	10.840	5000.00000	3.51088707e+07	7021.774134	25.19	8	------	------	1	0
BENZO-A-PYRENE	16.232	100.00000	842111.750000	8421.117500	0.20	10	------	------	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 C10C25	0.000000	5710.758523	----------	----------	--------	9
BENZO-A-PYRENE	0.000000	8346.060804	----------	----------	--------	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 : #TEPH00-181 DIESEL STD
Sample Number: 5000 PPM
Operator :

Time : 10/11/00 08:02 AM
Study : ICAL-10/10/00

Instrument : GC/FID-02A
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2104574729 Data Acquisition Time: 10/10/00 07:13 PM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_2\O10_015.RAW
Result File : C:\TC4\DATA_2\O10_015.rst
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_015.rst
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Sequence File : C:\TC4\DATA_2\O10.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Noise Threshold: 50
Multiplier : 1.0000

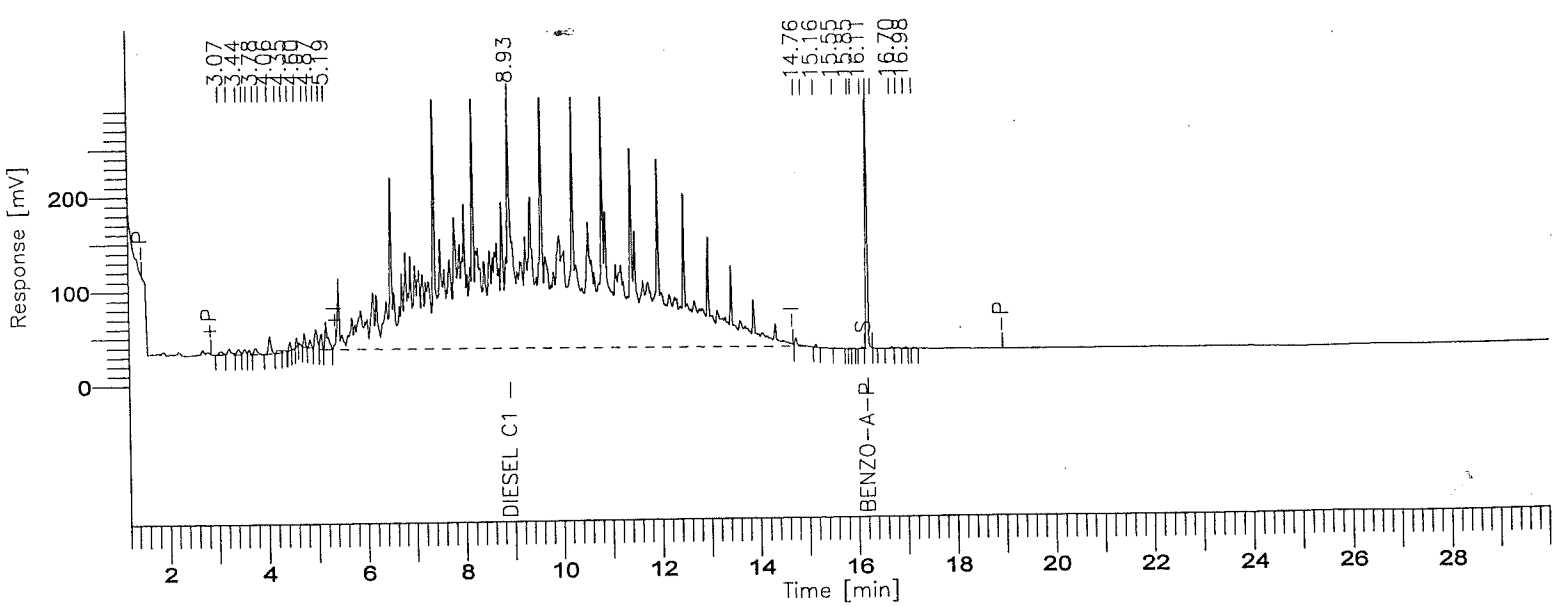
Area Threshold : 200
Divisor : 1.0000

Bunch Factor: 1
Addend : 0.0000

User1 : TPHDA
User2 :
User3 :
User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 31



8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.93	DIESEL C10C25	35108871	6147.847	------	10.0	
16.21	BENZO-A-PYRENE	842112	100.899	807.2	10.0	
		35950982	6248.746	807.2	20.0	

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_2\O10_015.TXO

Software Version: 4.1<2F12>
Sample Name : DAILY RT MARKER
Sample Number: C8-C40
Operator :

Time : 10/10/00 03:07 PM
Study : ICAL-10/10/00

Instrument : GC/FID-02A
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 2104574729 Data Acquisition Time: 10/10/00 02:37 PM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_2\O10_008.RAW
Result File : C:\TC4\DATA_2\O10_008.RST
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_008.RST
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25
Sequence File : C:\TC4\DATA_2\O10.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Noise Threshold: 50
Multiplier : 1.0000

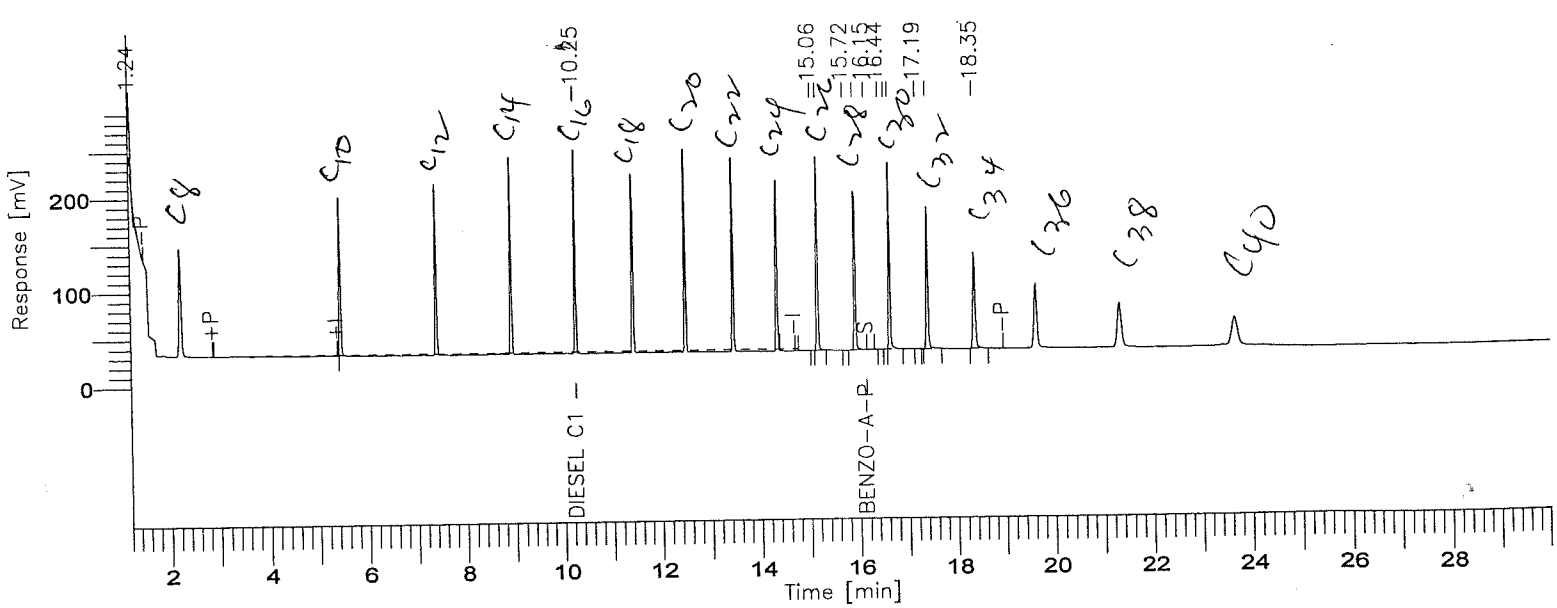
Area Threshold : 200
Divisor : 1.0000

Bunch Factor: 1
Addend : 0.0000

User1 : TPHDA
User2 :
User3 :
User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 13



8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
10.25	DIESEL C10C25	2216602	285.702	------	10.0	
16.15	BENZO-A-PYRENE	901	0.095	0.8	10.0	
		2217503	285.797	0.8	20.0	

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_2\O10_008.TXO

Turbochrom Sequence File : C:\TC4\DATA_2\010.SEQ
Created by : EM on : 10/10/00 07:50 AM
Edited by : EC on : 10/11/00 07:43 AM
Description :

Number of Times Edited : 9

Sequence File Header Information:

Number of Rows : 90
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-9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
2	Sample	DAILY RT MARKER	C8-C40	ICAL-9/26/	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-10/05	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
4	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL-10/05	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
5	Sample	MECL2	MECL2	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
6	Sample	MECL2	MECL2	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
7	Sample	MECL2	MECL2	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
8	Sample	DAILY RT MARKER	C8-C40	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
9	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL-10/05	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
10	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL-10/05	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
11	Cal:Replace	#TEPH00-175 DIE	40 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
12	Cal:Replace	#TEPH00-176 DIE	100 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
13	Cal:Replace	#TEPH00-178 DIE	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
14	Cal:Replace	#TEPH00-179 DIE	2000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
15	Cal:Replace	#TEPH00-181 DIE	5000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
16	Std Check	#TEPH00-129 SEC	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
17	Sample	MECL2	MECL2	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
[illegible]	Cal:Replace	#TEPH00-183 MOT	80 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
[illegible]	Cal:Replace	#TEPH00-184 MOT	100 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
20	Cal:Replace	#TEPH00-186 MOT	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
21	Cal:Replace	#TEPH00-187 MOT	2000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
22	Cal:Replace	#TEPH00-189 MOT	5000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
23	Std Check	TEPH00-141 SECO	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
24	Sample	341-MB	DLEM0101B	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
25	Sample	341-LCS	DLEM0102C	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1009.000	0.000	100.000
26	Sample	341-04	DLC1H103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1035.000	0.000	100.000
27	Sample	341-04 MS	DLC1H104S	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1035.000	0.000	100.000
28	Sample	341-04 MSD	DLC1H105D	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
29	Sample	341-MB	DLEKJ101B	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
30	Sample	341-LCS	DLEKJ102C	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
31	Sample	341-01	DLC1D103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
32	Sample	341-01 MS	DLC1D103S	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
33	Sample	341-01 MSD	DLC1D105D	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
34	Std Check	#TEPH00-129 SEC	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
35	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
36	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
37	Sample	345-MB	DL7M4103B	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
38	Sample	345-LCS	DL7M4104C	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1006.000	0.000	100.000
39	Sample	345-01	DL666103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	961.000	0.000	100.000
40	Sample	345-02	DL667103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1021.000	0.000	100.000
41	Sample	345-03	DL668103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
42	Sample	344-01	DL65X103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
43	Sample	345-04	DL669103	ICAL-10/10	1.000	1.000	1.000	2.000	5.000	20.000	0.000	100.000
44	Sample	345-06 2X	DL66C103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
45	Sample	345-07	DL66D103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
46	Sample	345-09	DL66G103	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
47	Sample	MECL2	MECL2	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
48	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
49	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
50	Sample	341-MB	DLEM0101B	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
51	Sample	341-LCS	DLEM0102C	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	979.000	0.000	100.000
52	Sample	341-05	DLC1J103	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
3	Sample	341-06	DLC1L103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
54	Sample	341-MB	DLEKJ101B	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
55	Sample	341-LCS	DLEKJ102C	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
56	Sample	341-02	DLC1F103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
57	Sample	341-03	DLC1G103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
58	Sample	343-01	DLC1T103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
59	Sample	346-01	DLC21103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
60	Sample	346-02	DLC24103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000

61	Sample	346-03	DLC25103	ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
62	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
63	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL-10/10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
64	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
65	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
66	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
67	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
68	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
69	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
[illegible]	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
71	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
72	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
73	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
74	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
75	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
76	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
77	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
78	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
79	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
80	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
81	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
82	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
83	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
84	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
85	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
86	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
87	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
88	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
89	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
90	Sample			ICAL-10/10	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000

Software Version: 4.1<2F12>
Sample Name : #TEPH00-129 SECOND SOURCE DIESEL STD Time : 10/11/00 08:09 AM
Sample Number: 1000 PPM Study : ICAL-10/10/00
Operator :

Instrument : GC/FID-02A Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

out high

Interface Serial # : 2104574729 Data Acquisition Time: 10/10/00 07:52 PM
Delay Time : 1.20 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Second source reinjected within 24 hrs
10-10-00 BC

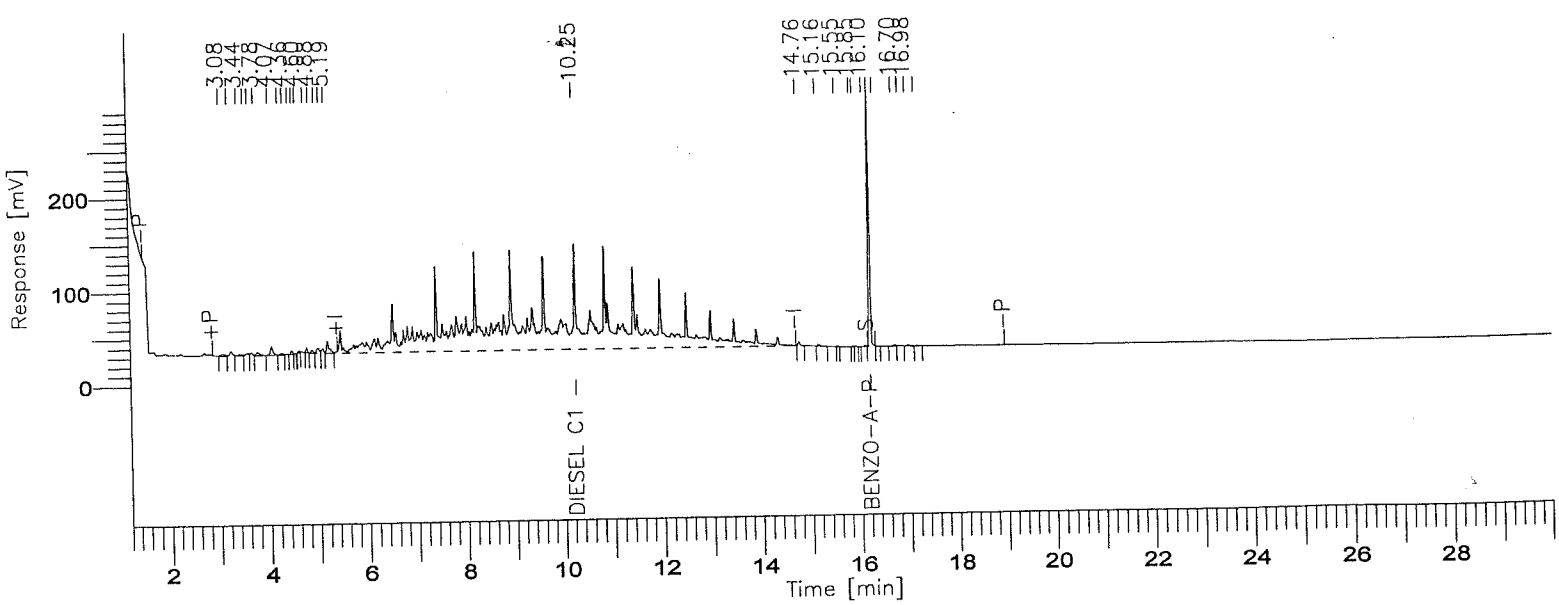
Raw Data File : C:\TC4\DATA_2\O10_016.RAW
Result File : C:\TC4\DATA_2\O10_016.RST
Inst Method : C:\TC4\DATA_2\METHODS\DBC10C25 from C:\TC4\DATA_2\O10_016.RST
Proc Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Calib Method : C:\TC4\DATA_2\METHODS\DBC10C25.mth
Sequence File : C:\TC4\DATA_2\O10.SEQ

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: 30



8015B(TEPH)

GC02/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
3.079		9765.84	0.0098	------	----------
3.249		17806.16	0.0178	------	----------
3.438		9647.58	0.0096	------	----------
3.569		10005.79	0.0100	------	----------
3.660		10480.84	0.0105	------	----------
3.784		17561.79	0.0176	------	----------
4.066		33988.00	0.0340	------	----------
4.265		8263.62	0.0083	------	----------
4.357		2522.88	0.0025	------	----------
4.461		10764.00	0.0108	------	----------
4.534		1074.50	0.0011	------	----------
4.604		4746.00	0.0047	------	----------
4.767		11264.00	0.0113	------	----------
4.877		9964.45	0.0100	------	----------
4.990		23170.34	0.0232	------	----------
5.093		14549.71	0.0145	------	----------
5.187		47872.89	0.0479	------	----------
10.248	DIESEL C10C25	9802108.43	1365.3740	1000.0	36.54
14.757		11218.67	0.0112	------	----------
15.162		4187.00	0.0042	------	----------
15.548		1144.00	0.0011	------	----------
15.851		1286.22	0.0013	------	----------
15.910		1737.78	0.0017	------	----------
16.104		2995.33	0.0030	------	----------
16.212	BENZO-A-PYRENE	644714.67	77.2478	50.0	54.50
16.317		713.00	0.0007	------	----------
16.700		3534.03	0.0035	------	----------
16.831		3367.27	0.0034	------	----------
16.982		2677.19	0.0027	------	----------
17.156		2778.00	0.0028	------	----------
		10725910.00	1442.9009		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

==========

Report stored in ASCII file: C:\TC4\DATA_2\O10_016.TX0

INITIAL CALIBRATION DATA

Date Analyzed: 9-27-00

Instrument ID: GC3

$C_{10} \rightarrow C_{24}$

Turbochrom Method File : C:\TC4\DATA_3\METHODS\DBC10C24.MTH
C ıted by : ELVIE on : 2/17/00 02:19 PM
Edıted by : LB on : 9/27/00 05:51 PM
Description :

Number of Times Edited : 51
Number of Times Calibrated : 514

GC03 Diesel $C_{10} \rightarrow C_{24}$

DBC10C24. Mth.
092700

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

ɜeline Timed Events :
Event #1 - -P at 0.170
Event #2 - +P at 2.350
Event #3 - +I at 5.158
Event #4 - -I at 14.210
Event #5 - S at 15.934
Event #6 - S at 16.137
Event #7 - -P at 17.550

Annotated Replot Parameters :
No replot will be printed

Report Format files :
No report format files given

User Programs :
User Program #1 : C:\WINDOWS\SYSTEM\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

001588

Unknown peaks will be quantitated using a response factor of 1.000000e+06

Component Information :

DIESEL

Component Type : Single Peak Component
Retention Time : 7.883 min Search Window: 27.00 s, 48.00 %
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	376467.00	4592.08	----------	----------	1
2	100.0000	1058613.00	11412.27	----------	----------	1
3	1000.0000	9779947.98	99682.65	----------	----------	1
4	2000.0000	19697106.00	204974.69	----------	----------	1
5	5000.0000	46057727.00	448654.89	----------	----------	1

Average Calibration Factor = 9767.570275 (%RSD = 5.40) ok

BENZO-A-PYRENE

Component Type : Single Peak Component
Retention Time : 15.984 min Search Window: 3.00 s, 1.00 %
Reference Component:
Find peak closest to expected RT 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	91491.00	44358.00	----------	----------	1
2	25.0000	224787.40	108330.68	----------	----------	1
3	50.0000	412742.00	199872.21	----------	----------	1
4	80.0000	710063.78	342822.08	----------	----------	1
5	100.0000	923275.14	424010.92	----------	----------	1

Average Calibration Factor = 8900.796942 (%RSD = 4.34) ok

Software Version: 4.1<2F12>
S. ,le Name : #TEPH00-129 SECOND SOURCE DIESEL STD Time : 9/27/00 05:51 PM
Sample Number: 1000 PPM Study : ICAL 9/~~26~~/00
27 9-27-00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 9/27/00 04:48 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Second source - good 9-27-00
From Ext. lab diesel
Stock # 1560-2

Raw Data File : C:\TC4\DATA_3\927_038.RAW
Result File : C:\TC4\DATA_3\927_038.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\927_038.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\927_038.RST
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\927_038.RST
Sequence File : C:\TC4\DATA_3\927.SEQ

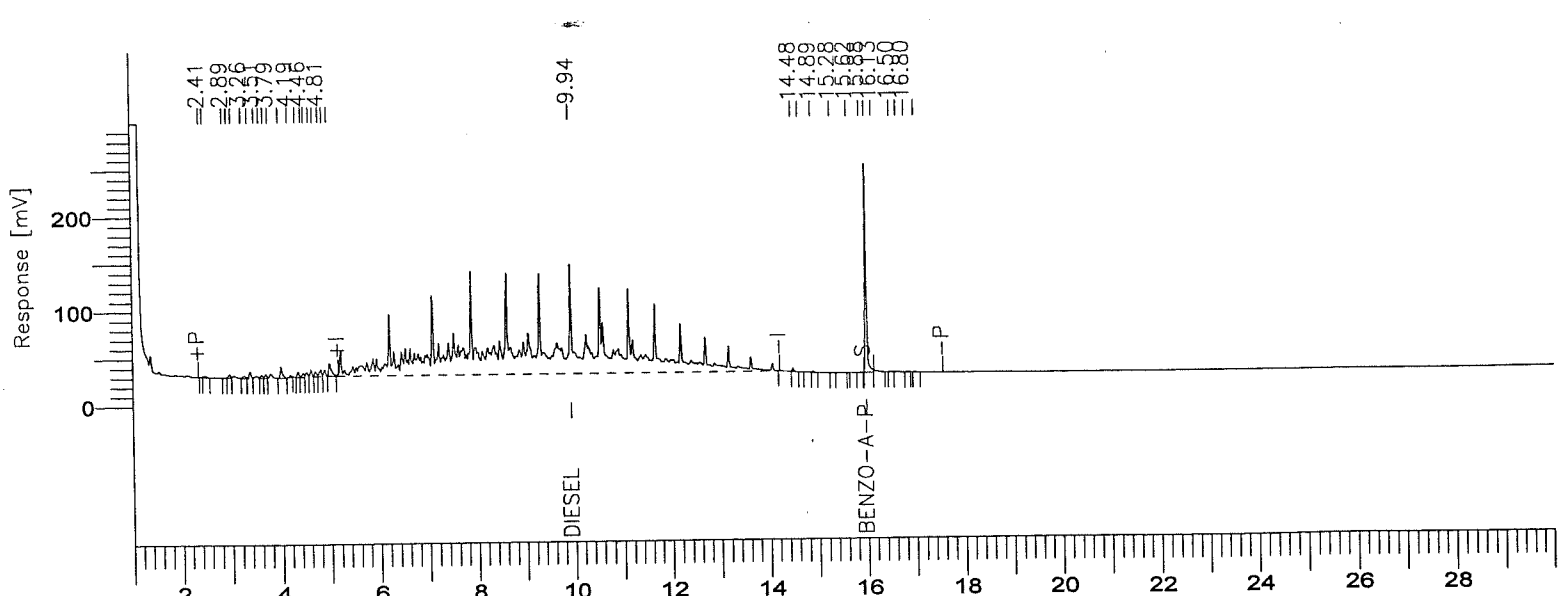
Source: Union 76, Edinger, Sta Ana

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: 34



001550

BOE-C6-0160017

8015B(TEPH)

GC03/FID:RTX-1

Time [min]	Component Name	Area [µV·s]	ACTUAL VALUE (PPM)	TRUE VALUE	% D
2.412		1570	0.0016	------	----------
2.486		7178	0.0072	------	----------
2.890		1791	0.0018	------	----------
2.970		11269	0.0113	------	----------
3.056		9838	0.0098	------	----------
3.256		9651	0.0097	------	----------
3.381		18797	0.0188	------	----------
3.513		10092	0.0101	------	----------
3.616		10177	0.0102	------	----------
3.697		11924	0.0119	------	----------
3.790		19249	0.0192	------	----------
.003		37444	0.0374	------	----------
4.191		6252	0.0063	------	----------
4.348		14655	0.0147	------	----------
4.456		15245	0.0152	------	----------
4.519		15954	0.0160	------	----------
4.616		21614	0.0216	------	----------
4.703		17634	0.0176	------	----------
4.814		26844	0.0268	------	----------
4.893		19660	0.0197	------	----------
4.991		52546	0.0525	------	----------
9.935	DIESEL	9629543	998.7155	1000.0	-0.13
14.484		7770	0.0078	------	----------
14.632		680	0.0007	------	----------
14.888		3166	0.0032	------	----------
15.281		1097	0.0011	------	----------
15.619		460	0.0005	------	----------
15.877		2027	0.0020	------	----------
15.983	BENZO-A-PYRENE	452185	50.8028	50.0	1.61
16.133		10169	0.0102	------	----------
16.497		1640	0.0016	------	----------
16.639		1840	0.0018	------	----------
16.802		1434	0.0014	------	----------
6.997		1378	0.0014	------	----------
		10452774	1049.8893		

Missing Component Report
Component Expected Retention (Calibration File)

001591

Software Version: 4.1<2F12>
D ɜ: 9/27/00 05:43 PM
Sample Name : #TEPH00-98 DIESEL STD
Data File : C:\TC4\DATA_3\927_033.RAW Date: 9/27/00 01:32 PM
Sequence File: C:\TC4\DATA_3\927.SEQ Cycle: 33 Channel : A
Instrument : GC/FID-03 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_3\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	7.883	40.00000	376467.000000	9411.675000	0.01	5	------	------	1	0
BENZO-A-PYRENE	15.984	10.00000	91491.000000	9149.100000	0.01	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	0.000000	10098.582796	----------	----------	--------	9
BENZO-A-PYRENE	0.000000	8947.223353	----------	----------	--------	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
Sample Number: 40 PPM
Operator :

Time : 9/27/00 05:43 PM
Study : ICAL 9/~~26~~/00
21 9-27-00 ET

Instrument : GC/FID-03
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 8293570026 Data Acquisition Time: 9/27/00 01:32 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_3\927_033.RAW
Result File : C:\TC4\DATA_3\927_033.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\927_033.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24.mth
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24.mth
Sequence File : C:\TC4\DATA_3\927.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

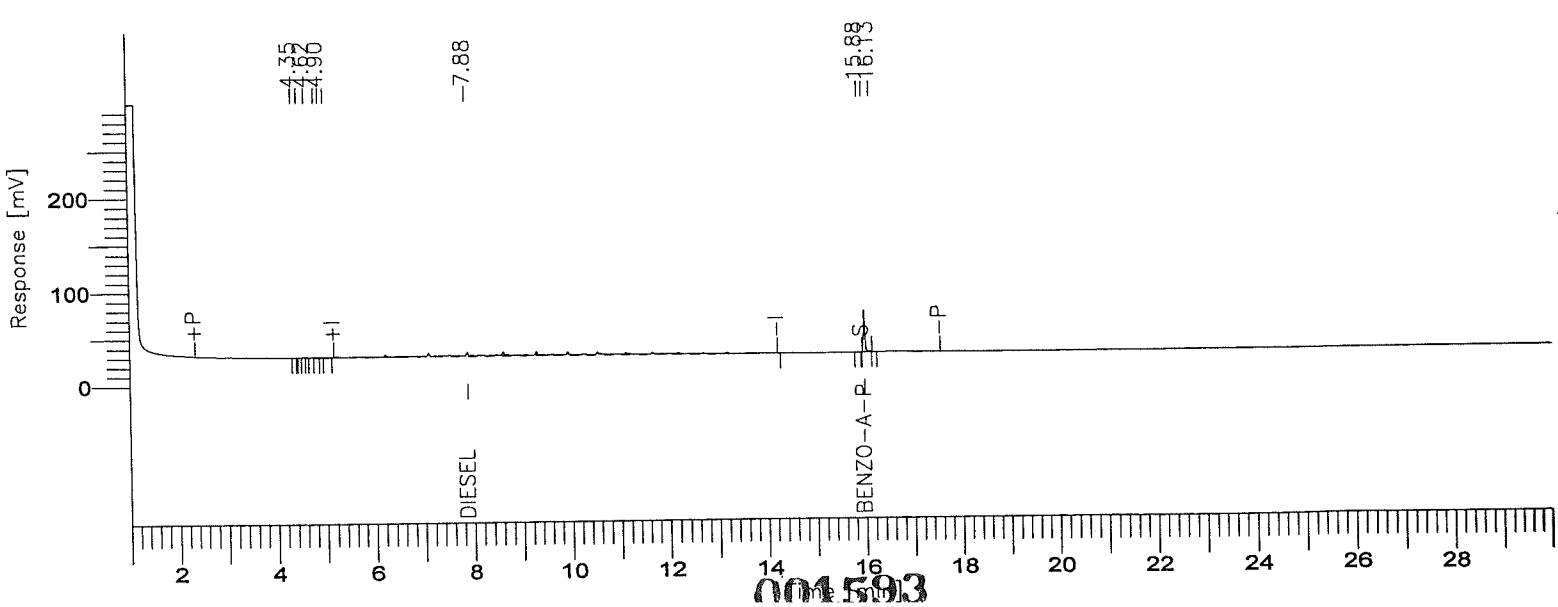
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 10



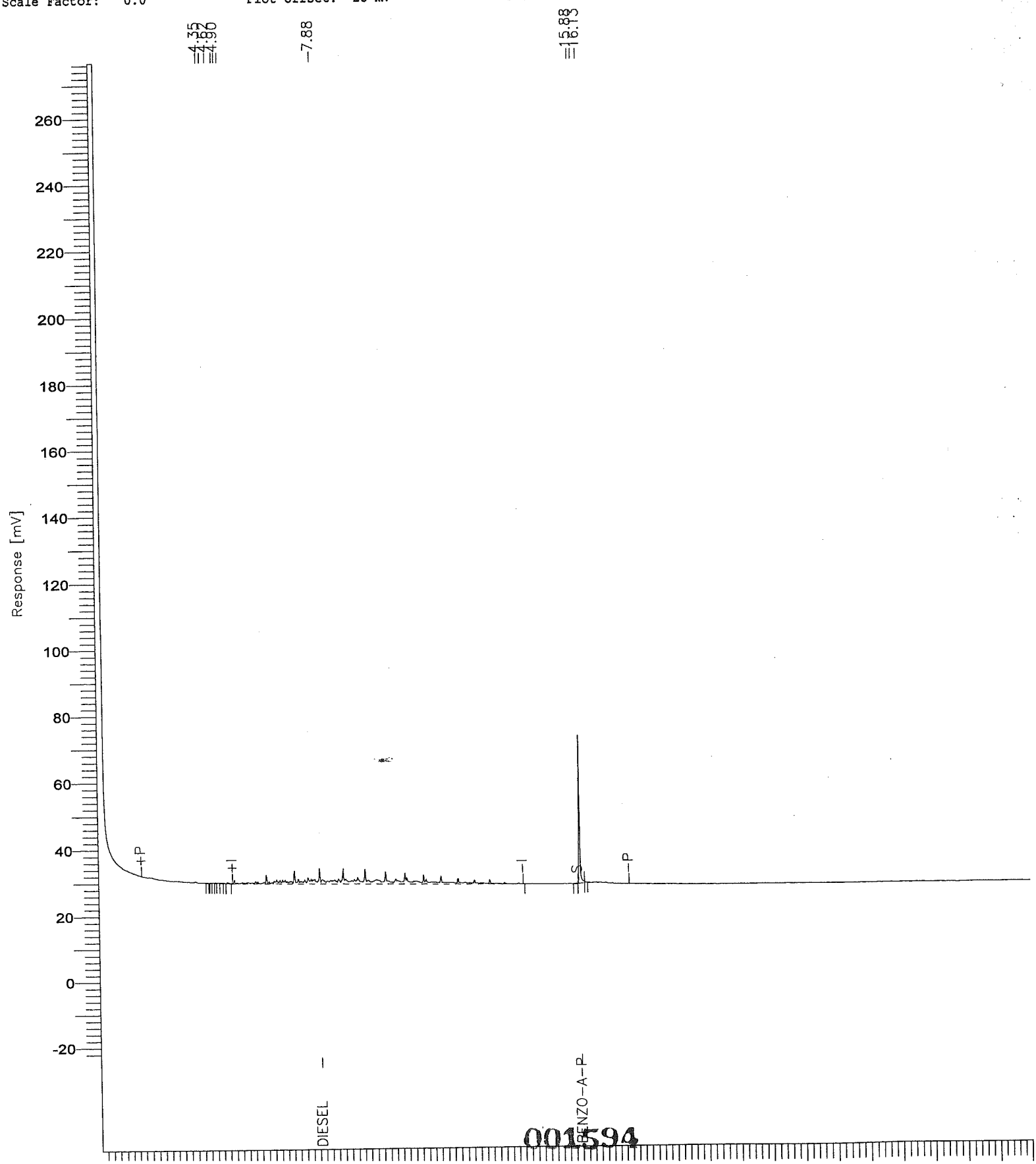
001593

BOE-C6-0160020

Chromatogram

Sam. Name : #TEPH00-98 DIESEL STD
FileName : C:\TC4\DATA_3\927_033.RAW
Method :
Start Time : 1.02 min End Time : 30.00 min
Scale Factor: 0.0 Plot Offset: -23 mV

Sample #: 40 PPM
Date : 9/27/00 05:45 PM
Time of Injection: 9/27/00 01:32 PM
Low Point : -23.30 mV High Point : 276.70 mV
Plot Scale: 300.0 mV



001594

BOE-C6-0160021

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.88	DIESEL	376467	37.2792	-------	10.0	
15.98	BENZO-A-PYRENE	91491	10.2256	81.81	10.0	
		467958	47.5048			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\927_033.TX0

Software Version: 4.1<2F12>
Date: 9/27/00 05:43 PM
Sample Name : #TEPH00-99 DIESEL STD
Data File : C:\TC4\DATA_3\927_034.RAW Date: 9/27/00 02:12 PM
Sequence File: C:\TC4\DATA_3\927.SEQ Cycle: 34 Channel : A
Instrument : GC/FID-03 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

==========

Updating method : C:\TC4\DATA_3\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	7.883	100.00000	1058613.000000	10586.130000	0.01	5	------	------	1	0
BENZO-A-PYRENE	15.984	25.00000	224787.400000	8991.496000	0.01	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	0.000000	9987.160885	----------	----------	--------	9
BENZO-A-PYRENE	0.000000	8922.225826	----------	----------	--------	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
Sample Number: 100 PPM
Operator :

Time : 9/27/00 05:43 PM
Study : ICAL 9/~~26~~/00
27 9-27-00

Instrument : GC/FID-03
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 8293570026 Data Acquisition Time: 9/27/00 02:12 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

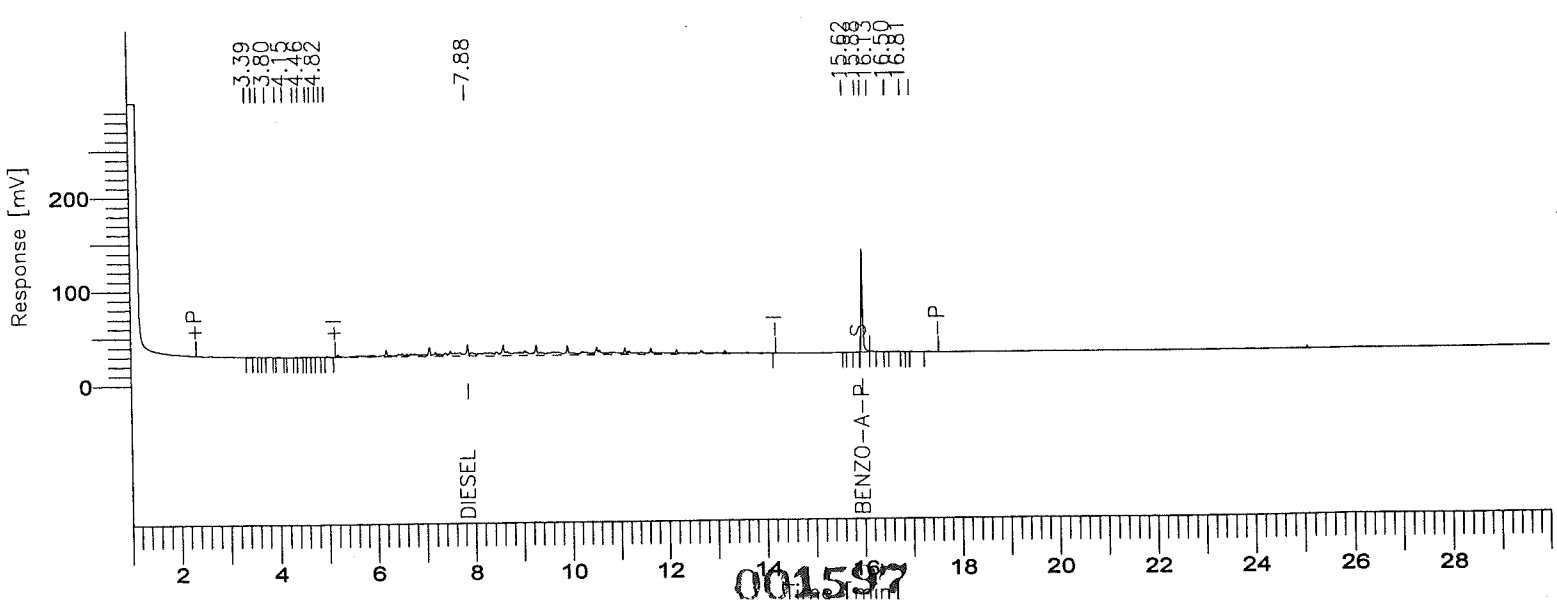
Raw Data File : C:\TC4\DATA_3\927_034.RAW
Result File : C:\TC4\DATA_3\927_034.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\927_034.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24.mth
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24.mth
Sequence File : C:\TC4\DATA_3\927.SEQ

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: 21



001597

BOE-C6-0160024

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.88	DIESEL	1058613	105.9974	-------	10.0	
15.98	BENZO-A-PYRENE	224787	25.1941	201.55	10.0	
		1283400	131.1915			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\927_034.TX0

Software Version: 4.1<2F12>
Date: 9/27/00 05:43 PM
Sample Name : #TEPH00-160 DIESEL STD
Data File : C:\TC4\DATA_3\927_035.RAW Date: 9/27/00 02:51 PM
Sequence File: C:\TC4\DATA_3\927.SEQ Cycle: 35 Channel : A
Instrument : GC/FID-03 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_3\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	7.883	1000.00000	9779947.977236	9779.947977	0.01	5	------	------	1	0
BENZO-A-PYRENE	15.984	50.00000	412742.000000	8254.840000	0.01	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	0.000000	9903.265314	----------	----------	--------	9
BENZO-A-PYRENE	0.000000	8913.770869	----------	----------	--------	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 : #TEPH00-160 DIESEL STD
Sample Number: 1000 PPM
Operator :

Time : 9/27/00 05:43 PM
Study : ICAL 9/~~26~~/00
27 9-27-00 EC

Instrument : GC/FID-03
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 8293570026 Data Acquisition Time: 9/27/00 02:51 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_3\927_035.RAW
Result File : C:\TC4\DATA_3\927_035.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\927_035.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24.mth
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24.mth
Sequence File : C:\TC4\DATA_3\927.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

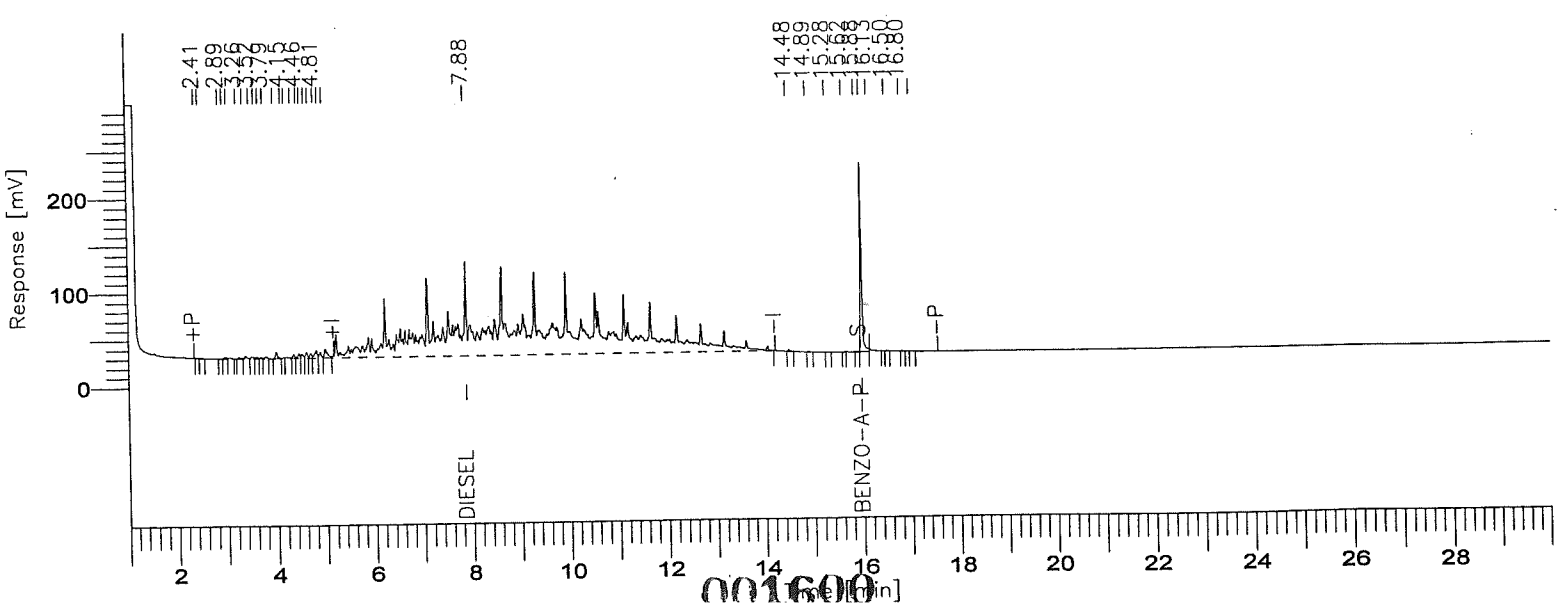
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 33



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.88	DIESEL	9779948	987.5478	-------	10.0	
15.98	BENZO-A-PYRENE	412742	46.3039	370.43	10.0	
		10192690	1033.8517			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\927_035.TX0

Software Version: 4.1<2F12>
L e: 9/27/00 05:43 PM
Sample Name : #TEPH00-101 DIESEL STD
Data File : C:\TC4\DATA_3\927_036.RAW Date: 9/27/00 03:30 PM
Sequence File: C:\TC4\DATA_3\927.SEQ Cycle: 36 Channel : A
Instrument : GC/FID-03 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

==========

Updating method : C:\TC4\DATA_3\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	7.883	2000.00000	1.96971060e+07	9848.553000	0.01	5	------	------	1	0
BENZO-A-PYRENE	15.984	80.00000	710063.782609	8875.797283	0.01	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	0.000000	9769.585169	----------	----------	--------	9
BENZO-A-PYRENE	0.000000	8913.770869	----------	----------	--------	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>
S ple Name : #TEPH00-101 DIESEL STD
Sample Number: 2000 PPM
Operator :

Time : 9/27/00 05:43 PM
Study : ICAL 9/~~26~~/00
27 9-27-00

Instrument : GC/FID-03
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 8293570026 Data Acquisition Time: 9/27/00 03:30 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_3\927_036.RAW
Result File : C:\TC4\DATA_3\927_036.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\927_036.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24.mth
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24.mth
Sequence File : C:\TC4\DATA_3\927.SEQ

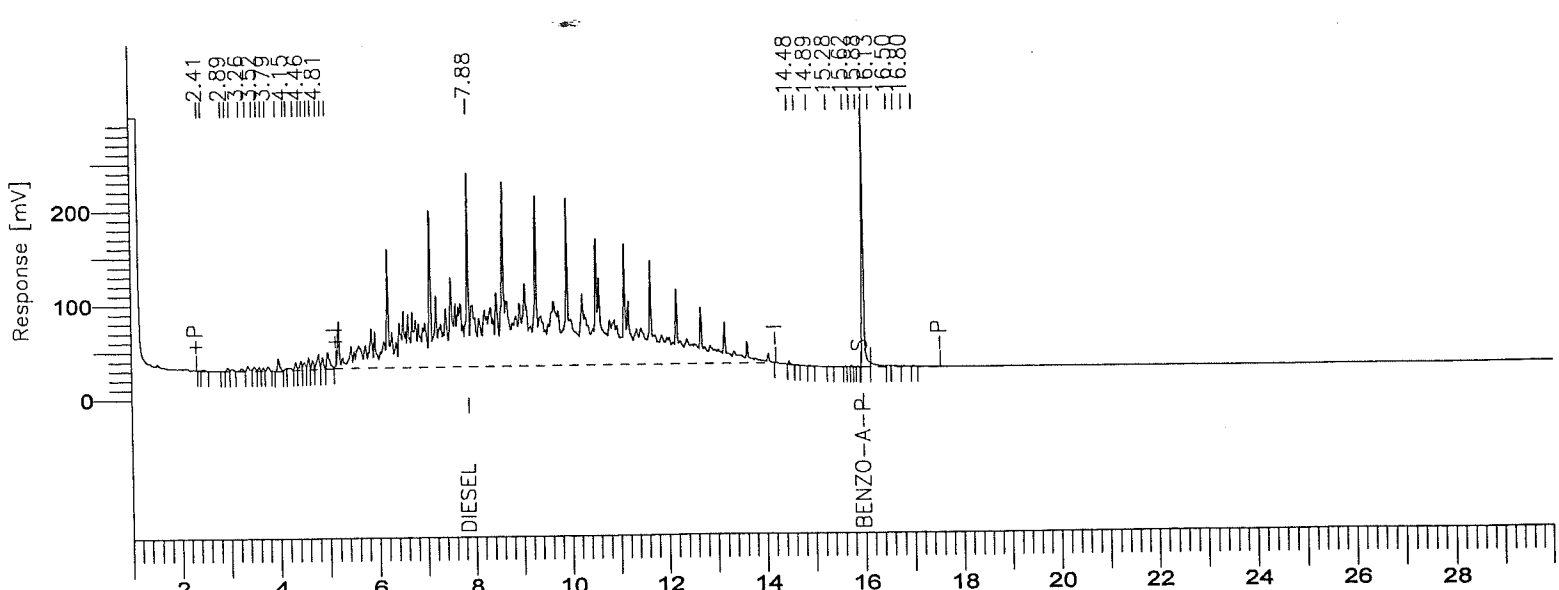
Sample Volume : 1.0000 uL
Sample Amount : 1.0000

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: 36



001603

BOE-C6-0160030

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.88	DIESEL	19697106	2016.1661	-------	10.0	
15.98	BENZO-A-PYRENE	710064	79.6592	637.27	10.0	
		20407170	2095.8252			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\927_036.TX0

Software Version: 4.1<2F12>
Date: 9/27/00 05:48 PM
Sample Name : #TEPH00-102 DIESEL STD
Data File : C:\TC4\DATA_3\927_037.RAW Date: 9/27/00 04:09 PM
Sequence File: C:\TC4\DATA_3\927.SEQ Cycle: 37 Channel : A
Instrument : GC/FID-03 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_3\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	7.883	5000.00000	4.60577270e+07	9211.545400	0.01	5	------	------	1	0
BENZO-A-PYRENE	15.984	100.00000	923275.142857	9232.751429	0.01	5	------	------	1	0

ıfidence 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	0.000000	9767.570275	----------	----------	--------	9
BENZO-A-PYRENE	0.000000	8900.796942	----------	----------	--------	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 : 9/27/00 05:48 PM
Study : ICAL 9/~~26~~/00
27 9-27-00 [illegible]

Instrument : GC/FID-03
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 8293570026 Data Acquisition Time: 9/27/00 04:09 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_3\927_037.RAW
Result File : C:\TC4\DATA_3\927_037.rst
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\927_037.rst
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24.mth
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24.mth
Sequence File : C:\TC4\DATA_3\927.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

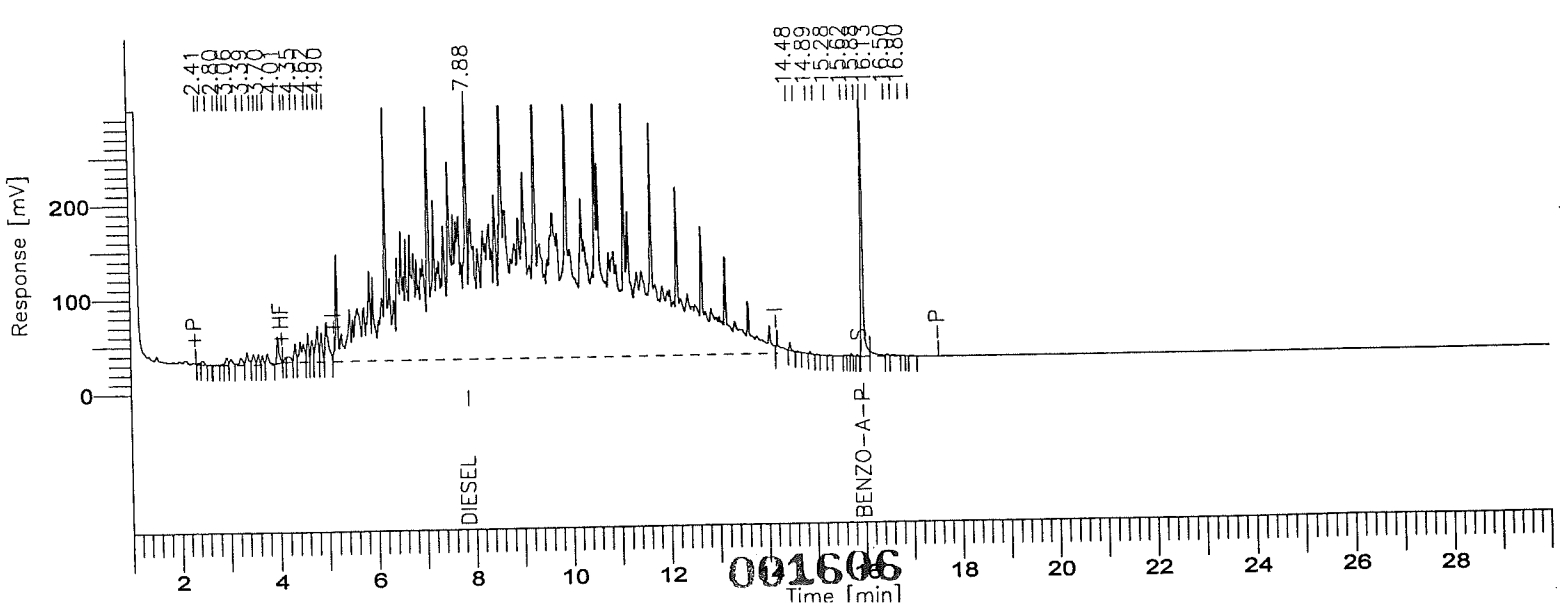
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 38



001606

BOE-C6-0160033

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.88	DIESEL	46057727	4715.3720	-------	10.0	
15.99	BENZO-A-PYRENE	923275	103.7295	829.84	10.0	
		46981002	4819.1015			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\927_037.TX0

S ftware Version: 4.1<2F12>
Sample Name : DAILY RT MARKER
Sample Number: C8-C40
Operator :

Time : 9/27/00 01:23 PM
Study : ICAL 9/~~26~~27/00 9-27-00

Instrument : GC/FID-03
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 8293570026 Data Acquisition Time: 9/27/00 12:53 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_3\927_032.RAW
Result File : C:\TC4\DATA_3\927_032.RST
Inst Method : C:\TC4\DATA_3\METHODS\DBC10C24 from C:\TC4\DATA_3\927_032.RST
Proc Method : C:\TC4\DATA_3\METHODS\DBC10C24
Calib Method : C:\TC4\DATA_3\METHODS\DBC10C24
Sequence File : C:\TC4\DATA_3\927.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

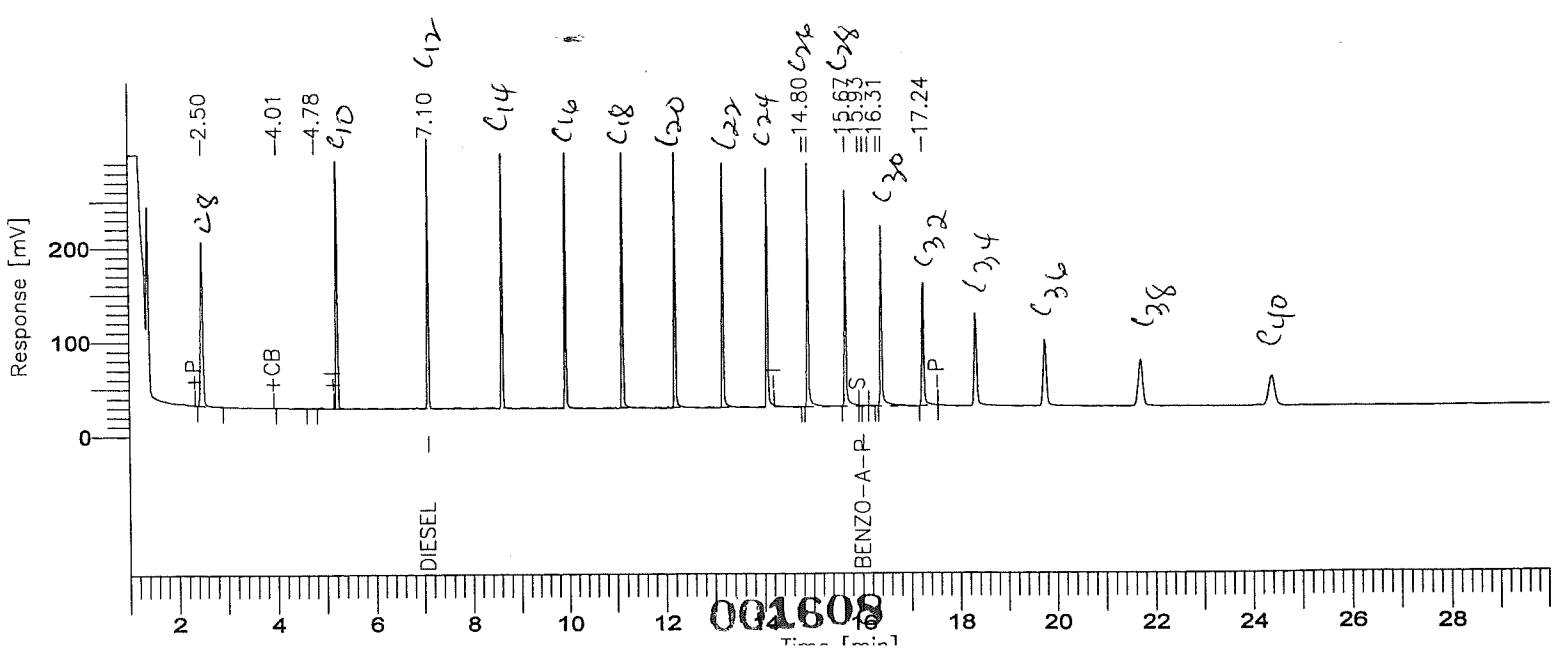
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 13



001608

BOE-C6-0160035

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.10	DIESEL	4719128	398.6318	-------	10.0	
16.03	BENZO-A-PYRENE	6091	0.6809	5.45	10.0	
		4725219	399.3127			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\927_032.TX0

T· ·bochrom Sequence File : C:\TC4\DATA_3\927.SEQ
C..ated by : EM on : 9/26/00 01:59 PM
Edited by : EC on : 9/27/00 05:36 PM
Description :

Number of Times Edited : 15

Sequence File Header Information:

Number of Rows : 70
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 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
2	Sample	DAILY RT MARKER	C8-C40	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
3	Cal:Replace	#TEPH00-98 DIES	40 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
4	Cal:Replace	#TEPH00-99 DIES	100 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
5	Cal:Replace	#TEPH00-160 DIE	1000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
6	Cal:Replace	#TEPH00-101 DIE	2000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
7	Cal:Replace	#TEPH00-102 DIE	5000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
8	Std Check	#TEPH00-129 SEC	1000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
9	Sample	MECL2	MECL2	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
10	Cal:Replace	#TEPH00-165 RT	10 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
11	Cal:Replace	#TEPH00-166 RT	20 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
	Cal:Replace	#TEPH00-167 RT	30 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
	Cal:Replace	#TEPH00-168 RT	40 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
14	Cal:Replace	#TEPH00-169 RT	50 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
15	Sample	MECL2	MECL2	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
16	Cal:Replace	#TEPH00-135 MOT	80 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
17	Cal:Replace	#TEPH00-136 MOT	500 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
18	Cal:Replace	#TEPH00-158 MOT	1000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
19	Cal:Replace	#TEPH00-138 MOT	2000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
20	Cal:Replace	#TEPH00-140 MOT	5000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
21	Std Check	#TEPH00-141 SEC	1000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
22	Std Check	#TEPH00-160 DIE	1000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
23	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
24	Sample	#TEPH00-171 DIE	1000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
25	Sample	233-MB	DL1LC101B	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
26	Sample	233-LCS	DL1LC102C	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
27	Sample	233-04	DKRLH104	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
28	Sample	233-04 MS	DKRLH108S	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
29	Sample	233-04 MSD	DKRLH109D	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
30	Sample	#TEPH00-171 DIE	1000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
31	Sample	MECL2	MECL2	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
32	Sample	DAILY RT MARKER	C8-C40	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
33	Cal:Replace	#TEPH00-98 DIES	40 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
34	Cal:Replace	#TEPH00-99 DIES	100 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
35	Cal:Replace	#TEPH00-160 DIE	1000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
36	Cal:Replace	#TEPH00-101 DIE	2000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
37	Cal:Replace	#TEPH00-102 DIE	5000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
38	Std Check	#TEPH00-129 SEC	1000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
39	Sample	MECL2	MECL2	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
40	Cal:Replace	#TEPH00-135 MOT	80 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
41	Cal:Replace	#TEPH00-136 MOT	500 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
42	Cal:Replace	#TEPH00-158 MOT	1000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
43	Cal:Replace	#TEPH00-138 MOT	2000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
44	Cal:Replace	#TEPH00-140 MOT	5000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
45	Std Check	#TEPH00-141 SEC	1000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
46	Sample	233-MB	DL1LC101B	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
47	Sample	233-LCS	DL1LC102C	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	1000.000	0.000	100.000
48	Sample	233-04	DKRLH104	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	1054.000	0.000	100.000
49	Sample	233-04 MS	DKRLH108S	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	1043.000	0.000	100.000
50	Sample	233-04 MSD	DKRLH109D	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	1058.000	0.000	100.000
51	Sample	233-05	DKRLM104	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	1052.000	0.000	100.000
52	Sample	233-06	DKRLQ104	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	1009.000	0.000	100.000
53	Sample	251-08	DKPE3103	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	882.000	0.000	100.000
54	Sample	251-09	DKPEK103	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	1047.000	0.000	100.000
55	Sample	251-10	DKPEL103	ICAL 9/26/	1.000	1.000	1.000	1.000	5.000	909.000	0.000	100.000
56	Std Check	#TEPH00-160 DIE	1000 PPM	ICAL 9/26/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
57	Std Check	#TEPH00-158 MOT	1000 PPM	ICAL 9/26/	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 → C40T

T·rbochrom Method File : C:\TC4\DATA_01\METHODS\C8-C40A.MTH <Modified>
C ated 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 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

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 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

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	6569[illegible]	[illegible]93	----------	----------	1
4	40.0000	879493.00	440446.22	----------	----------	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)

S ftware Version: 4.1<2F12>
L..e: 10/4/00 09:57 AM
Sample Name : #TEPH00-165 RT MARKER
Data File : C:\TC4\DATA_01\003_019.RAW Date: 10/3/00 09:06 PM
Sequence File: C:\TC4\DATA_01\003.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
-C13	7.314	10.00000	110266.000000	11026.600000	------	1	------	------	1	0
.-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
20-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

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
Sample Number: 10 PPM
Operator :

Time : 10/4/00 09:57 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 09:06 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_019.RAW
Result File : C:\TC4\DATA_01\O03_019.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O03_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\O03.SEQ

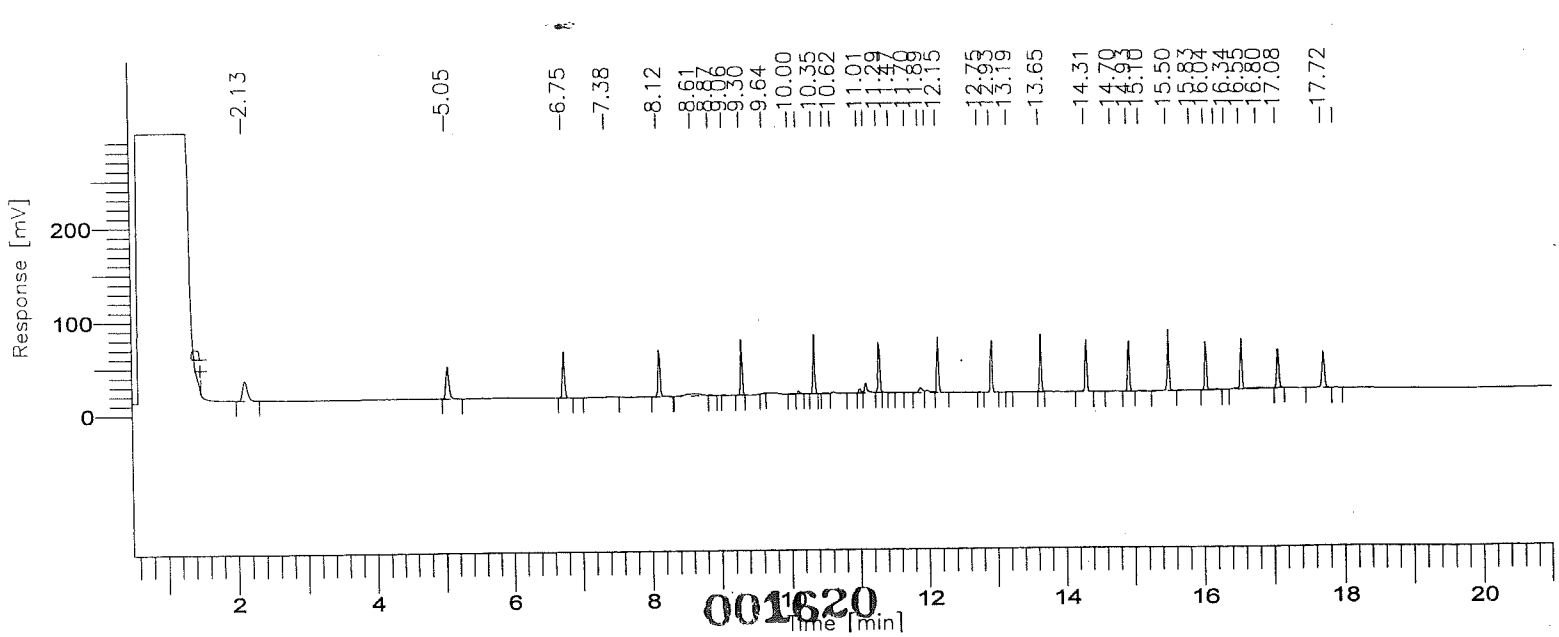
Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
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



001620

BOE-C6-0160047

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	
1.29	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			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

001621

[illegible]5		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
9.30		102360	0.102	------	10.0	
9.64		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			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

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	
16.19		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
Data File : C:\TC4\DATA_01\003_020.RAW Date: 10/3/00 09:36 PM
Sequence File: C:\TC4\DATA_01\003.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
C24-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
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

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

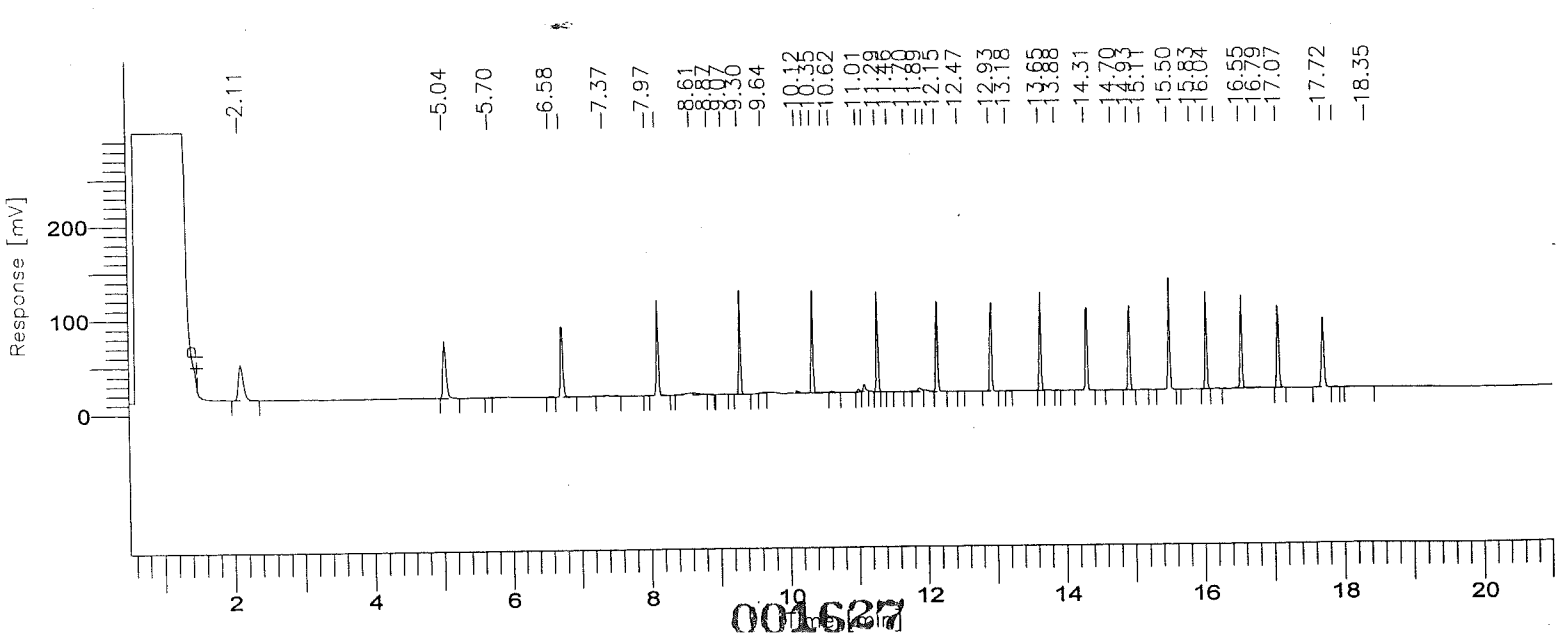
Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Noise Threshold: 50
Multiplier : 1.0000
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: 45



001627

BOE-C6-0160054

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	
.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

[. .1]	Name	[µV·s]	(ppm)	REC	mg/kg
6.74		187743	0.188	------	10.0
7.37		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			

. oup Report For : C16-C17

Time [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

[1 .]	Name	[µV·s]	(ppm)	REC	mg/kg
11.29		181508	0.182	------	10.0
11.46		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	
16.04		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>
D ?: 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
C15	8.586	30.00000	355440.229270	11848.007642	0.00	3	------	------	1	0
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
C24-C27	13.533	30.00000	656313.500000	21877.116667	0.00	3	------	------	1	0
C28-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: Reported based on user criteria

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>
S ple 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

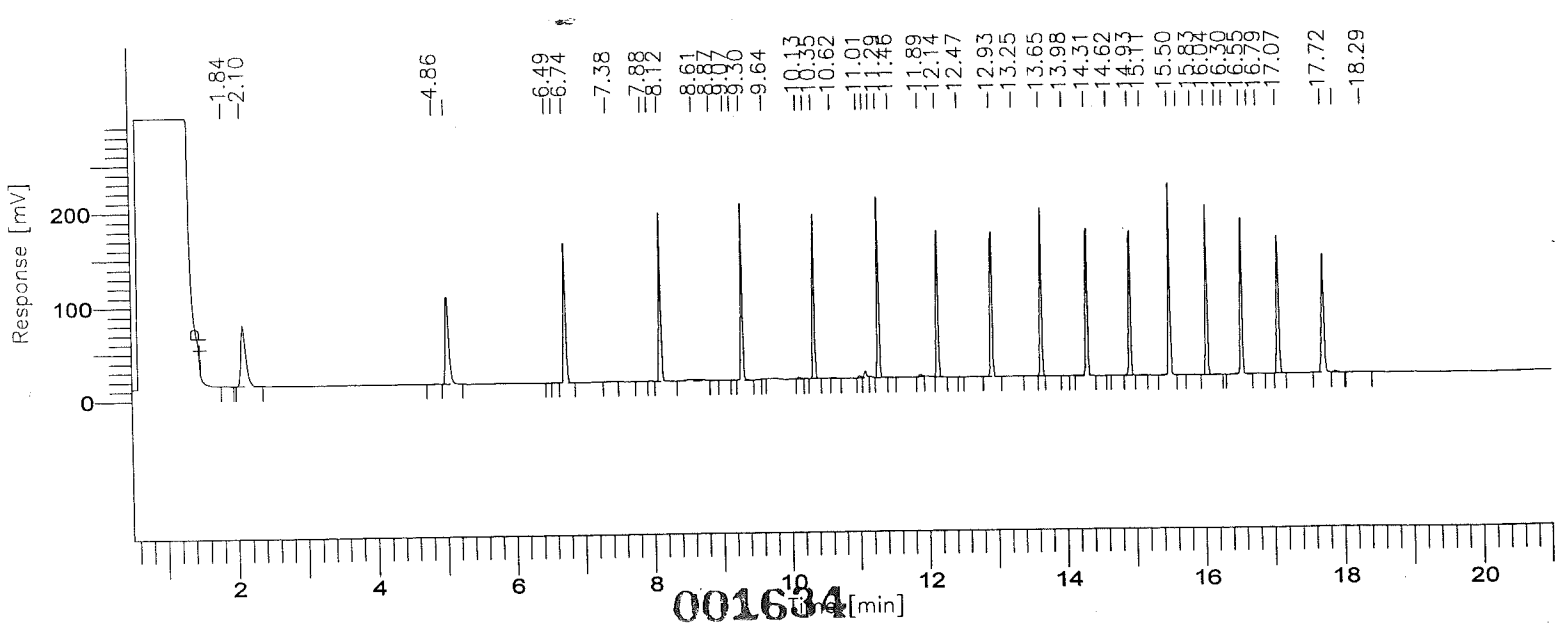
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 50



001634

BOE-C6-0160061

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	
.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

T e [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
6.74		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	
11.09		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	
.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		[illegible]	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	
.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>
D a: 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
0-C23	0.000000	21712.755605	----------	----------	--------	9
24-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

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= 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

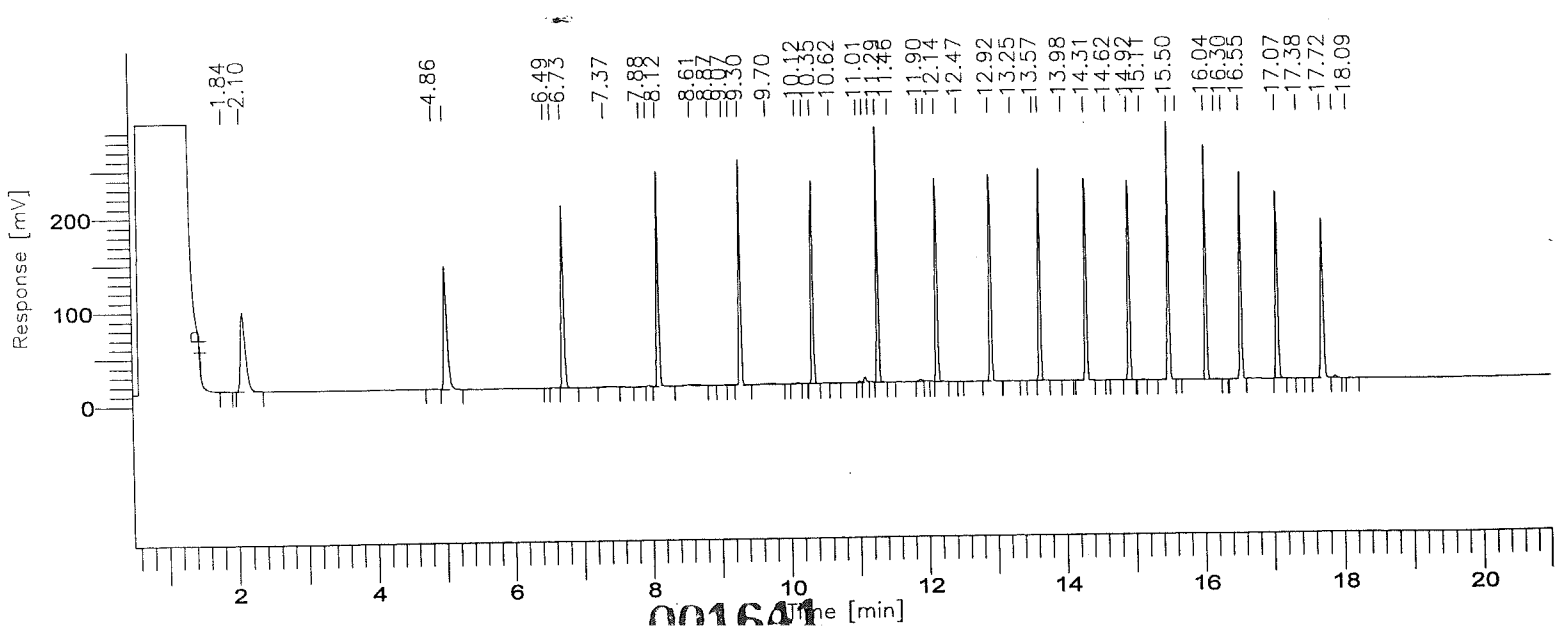
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 50



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	
.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

T e [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			

Group 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	
11.09		14885	0.015	------	10.0	
11.18		3364	0.003	------	10.0	
		461316	0.461			

(up 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	
13.98		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	
[illegible]		[illegible]	0.004	------	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
17.72		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\O03_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
C24-C27	13.534	50.00000	1058488.000000	21169.760000	0.00	5	------	------	1	0
C28-C31	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
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

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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>
ple Name : #TEPH00-169 RT MARKER
Sample Number: 50 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 11:06 PM
Delay Time : 0.50 min.
End Time : 21.00 min.
Sampling Rate : 1.0000 pts/sec

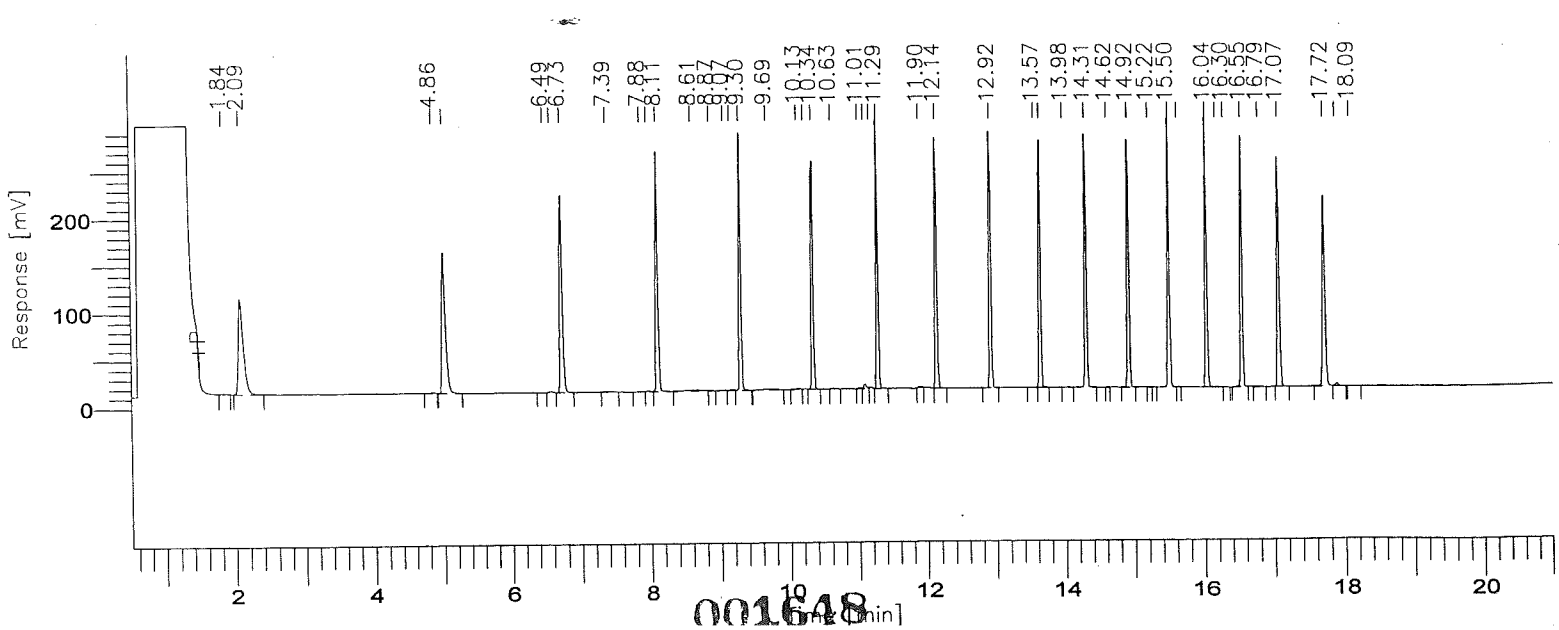
Raw Data File : C:\TC4\DATA_01\O03_023.RAW
Result File : C:\TC4\DATA_01\O03_023.RST
Inst Method : C:\TC4\DATA_01\METHODS\C8-C40A from C:\TC4\DATA_01\O03_023.RS
Proc Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_01\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_01\O03.SEQ

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: 46



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BOE-C6-0160075

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	
9.29	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			

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Group Report For : C12-C13

e [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
6.73		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	
).62		1826	0.002	------	10.0	
11.01		4763	0.005	------	10.0	
11.09		13471	0.013	------	10.0	
11.18		4362	0.004	------	10.0	
		543631	0.544			

up 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	
16.18		3624	0.004	------	10.0	
16.29		619	0.001	------	10.0	
		1061258	1.061			

ıp 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\O03_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>
ıple 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

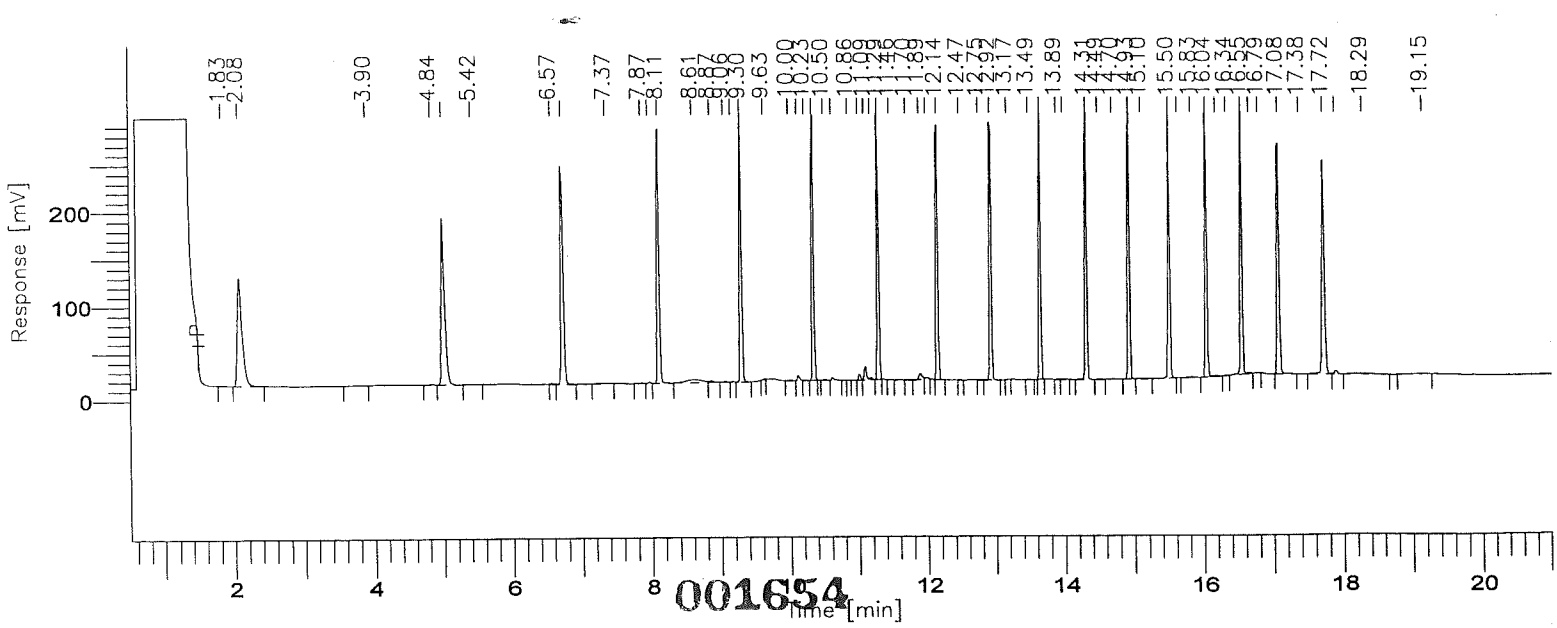
Sample Volume : 1.0000 uL
Sample Amount : 1.0000

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



001654

BOE-C6-0160081

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	
[illegible].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	
6.57		2937	0.003	------	10.0	
		590150	0.590			

ıe [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
6.72		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
.0.34		572752	0.573	------	10.0	
10.50		2561	0.003	------	10.0	
10.62		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	
[illegible]		[illegible]	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

.me [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

n]	Name	[µV·s]	(ppm)	REC	mg/kg
15.50		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.TX0

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
16	Sample	MECL2	MECL2	ICAL10/03/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
17	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
52	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

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
[illegible]	Sample	285-44		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
[illegible]	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
68	Sample	285-49		ICAL8/28/0	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
69	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

INITIAL CALIBRATION DATA

Date Analyzed: 9-30-00

Instrument ID: GC3 $C_8 \rightarrow C_{40}$

Turbochrom Method File : C:\TC4\DATA_3\METHODS\C8-C40A.MTH
Created by : ELVIE on : 6/8/00 12:16 PM
Edited by : EC on : 10/3/00 09:34 AM
Description : SOLVENT = METHYLENE CHLORIDE

Number of Times Edited : 23
Number of Times Calibrated : 583

ICAL 9-30-00

ALL AUG CF

10 → 50 ppm

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 0.170
Event #2 - +P at 2.350
Event #3 - -P at 30.000

Annotated Replot Parameters :
No replot will be printed

Report Format files :
No report format files given

User Programs :
User Program #1 : C:\WINDOWS\SYSTEM\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 :

001662

Component Type : Timed Group
Start Time : 2.366 min End Time : 5.132 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
2	10.0000	120337.00	39946.04	----------	----------	1
3	20.0000	226005.50	75020.56	----------	----------	1
4	30.0000	303374.00	100489.55	----------	----------	1
5	40.0000	403122.00	134237.60	----------	----------	1
6	50.0000	555543.00	185156.35	----------	----------	1

Average Calibration Factor = 10927.070333 (%RSD = 7.63)

C10-C11
Component Type : Timed Group
Start Time : 5.133 min End Time : 7.016 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
2	10.0000	132947.00	63911.23	----------	----------	1
3	20.0000	241379.65	118484.68	----------	----------	1
4	30.0000	323707.41	155991.68	----------	----------	1
5	40.0000	426246.34	207570.18	----------	----------	1
6	50.0000	589271.27	292047.13	----------	----------	1

Average Calibration Factor = 11719.102756 (%RSD = 9.15)

C12-C13
Component Type : Timed Group
Start Time : 7.017 min End Time : 8.521 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
2	10.0000	143039.00	66902.03	----------	----------	1

4	30.0000	345186.59	161232.46	----------	----------	1
5	40.0000	445503.66	213721.25	----------	----------	1
6	50.0000	617666.23	300200.40	----------	----------	1

Average Calibration Factor = 12438.435577 (%RSD = 10.05)

C14-C15

Component Type : Timed Group
Start Time : 8.522 min End Time : 9.839 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
2	10.0000	138236.50	73047.88	----------	----------	1
3	20.0000	253744.50	134643.61	----------	----------	1
4	30.0000	335742.50	177775.72	----------	----------	1
5	40.0000	445609.00	241127.59	----------	----------	1
6	50.0000	613035.00	335734.00	----------	----------	1

Average Calibration Factor = 12220.643333 (%RSD = 9.16)

C16-C17

Component Type : Timed Group
Start Time : 9.840 min End Time : 11.042 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
2	10.0000	135687.00	74929.69	----------	----------	1
3	20.0000	253170.00	137689.40	----------	----------	1
4	30.0000	336301.00	184089.00	----------	----------	1
5	40.0000	445358.00	240457.70	----------	----------	1
6	50.0000	615091.00	330582.25	----------	----------	1

Average Calibration Factor = 12174.600667 (%RSD = 8.42)

C18-C19

Component Type : Timed Group
Start Time : 11.043 min End Time : 12.115 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000

001664

Value 4: 0.000000
Value 5: 30.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
2	10.0000	136065.00	73256.78	----------	----------	1
3	20.0000	251706.50	135964.36	----------	----------	1
4	30.0000	334546.00	180770.03	----------	----------	1
5	40.0000	446154.00	238807.06	----------	----------	1
6	50.0000	616439.00	330374.91	----------	----------	1

Average Calibration Factor = 12165.197667 (%RSD = 8.55)

C20-C23

Component Type : Timed Group
Start Time : 12.116 min End Time : 13.986 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
2	10.0000	264438.00	133754.97	----------	----------	1
3	20.0000	490506.50	248632.76	----------	----------	1
4	30.0000	655573.50	327344.82	----------	----------	1
5	40.0000	871408.50	434090.37	----------	----------	1
6	50.0000	1204859.00	604073.11	----------	----------	1

Average Calibration Factor = 23740.793500 (%RSD = 8.28)

C24-C27

Component Type : Timed Group
Start Time : 13.987 min End Time : 15.580 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
2	10.0000	237875.00	110836.87	----------	----------	1
3	20.0000	443077.50	205976.48	----------	----------	1
4	30.0000	599012.50	276296.02	----------	----------	1
5	40.0000	805271.00	369286.42	----------	----------	1
6	50.0000	1124656.50	508806.80	----------	----------	1

Average Calibration Factor = 21706.672667 (%RSD = 7.52)

C28-C31

Component Type : Timed Group
Start Time : 15.581 min End Time : 17.132 min
Reference Component:

Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
2	10.0000	199711.00	85536.16	----------	----------	1
3	20.0000	376542.00	163616.99	----------	----------	1
4	30.0000	494995.50	217638.29	----------	----------	1
5	40.0000	669676.00	290089.91	----------	----------	1
6	50.0000	927712.50	396269.36	----------	----------	1

Average Calibration Factor = 18118.840000 (%RSD = 8.11)

C32-C35
Component Type : Timed Group
Start Time : 17.133 min End Time : 19.563 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
2	10.0000	137456.50	45047.54	----------	----------	1
3	20.0000	262553.00	87668.31	----------	----------	1
4	30.0000	383095.00	126675.12	----------	----------	1
5	40.0000	504487.50	163219.67	----------	----------	1
6	50.0000	717781.00	229710.80	----------	----------	1

Average Calibration Factor = 13322.188167 (%RSD = 5.43)

C36-C39
Component Type : Timed Group
Start Time : 19.564 min End Time : 24.067 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
2	10.0000	87995.00	16799.85	----------	----------	1
3	20.0000	192964.17	36778.97	----------	----------	1
4	30.0000	330001.12	62545.57	----------	----------	1
5	40.0000	400158.85	76082.63	----------	----------	1
6	50.0000	580556.27	111473.32	----------	----------	1

Average Calibration Factor = 10212.568428 (%RSD = 10.88)

C40+

Component Type : Timed Group
Start Time : 24.068 min End Time : 30.000 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 30.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
2	10.0000	34073.00	3928.30	----------	----------	1
3	20.0000	78143.33	8926.06	----------	----------	1
4	30.0000	140891.88	16017.58	----------	----------	1
5	40.0000	171219.65	20171.83	----------	----------	1
6	50.0000	246423.23	28863.58	----------	----------	1

Average Calibration Factor = 4243.963738 (%RSD = 14.37)

Software Version: 4.1<2F12>
D e: 10/3/00 09:26 AM
Sample Name : #TEPH00-165 RT MARKER
Data File : C:\TC4\DATA_3\930_004.RAW Date: 9/30/00 02:03 PM
Sequence File: C:\TC4\DATA_3\930.SEQ Cycle: 4 Channel : A
Instrument : GC/FID-03 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_3\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	3.749	10.00000	120337.000000	12033.700000	0.00	5	------	------	1	0
C10-C11	6.074	10.00000	132947.000000	13294.700000	0.00	5	------	------	1	0
C12-C13	7.769	10.00000	143039.000000	14303.900000	0.00	5	------	------	1	0
C14-C15	9.180	10.00000	138236.500000	13823.650000	0.00	5	------	------	1	0
C16-C17	10.441	10.00000	135687.000000	13568.700000	0.00	5	------	------	1	0
C18-C19	11.579	10.00000	136065.000000	13606.500000	0.00	5	------	------	1	0
C20-C23	13.051	10.00000	264438.000000	26443.800000	0.00	5	------	------	1	0
C24-C27	14.784	10.00000	237875.000000	23787.500000	0.00	5	------	------	1	0
C28-C31	16.356	10.00000	199711.000000	19971.100000	0.00	5	------	------	1	0
C32-C35	18.348	10.00000	137456.500000	13745.650000	0.00	5	------	------	1	0
C36-C39	21.815	10.00000	87995.000000	8799.500000	0.00	5	------	------	1	0
C40+	27.034	10.00000	34073.000000	3407.300000	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	14872.714167	----------	----------	--------	9
C10-C11	0.000000	16013.459002	----------	----------	--------	9
C12-C13	0.000000	16922.292804	----------	----------	--------	9
C14-C15	0.000000	16593.863889	----------	----------	--------	9
C16-C17	0.000000	16481.711944	----------	----------	--------	9
C18-C19	0.000000	16517.379167	----------	----------	--------	9
C20-C23	0.000000	32280.833333	----------	----------	--------	9
C24-C27	0.000000	29785.327361	----------	----------	--------	9
C28-C31	0.000000	25416.396806	----------	----------	--------	9
C32-C35	0.000000	19550.275833	----------	----------	--------	9
C36-C39	0.000000	15488.629116	----------	----------	--------	9
C40+	0.000000	6566.547134	----------	----------	--------	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
Sample Number: 10 PPM
Operator :

Time : 10/3/00 09:26 AM
Study : ICAL 9/30/00

Instrument : GC/FID-03
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 8293570026 Data Acquisition Time: 9/30/00 02:03 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_3\930_004.RAW
Result File : C:\TC4\DATA_3\930_004.rst
Inst Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\930_004.rst
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\930.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Noise Threshold: 50
Multiplier : 1.0000

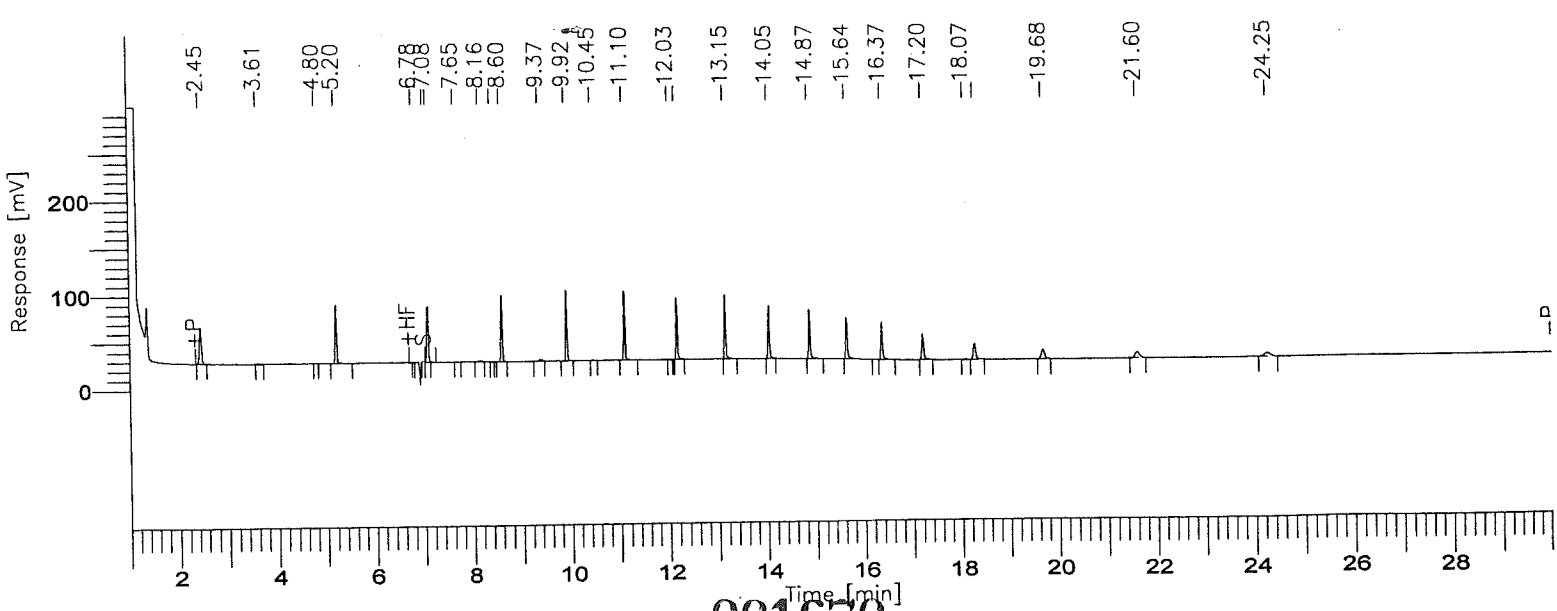
Area Threshold : 200
Divisor : 1.0000

Bunch Factor: 1
Addend : 0.0000

User1 : TPHDA
User2 :
User3 :
User4 :
User5 :

Instrument Conditions:

Total number of peaks detected: 28



001670

BOE-C6-0160097

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	120337	8.0911	-------	10.0	
6.07	C10-C11	132947	8.3022	-------	10.0	
7.77	C12-C13	143039	8.4527	-------	10.0	
9.18	C14-C15	138236	8.3306	-------	10.0	
10.44	C16-C17	135687	8.2326	-------	10.0	
11.58	C18-C19	136065	8.2377	-------	10.0	
13.05	C20-C23	264438	8.1918	-------	10.0	
14.78	C24-C27	237875	7.9863	-------	10.0	
16.36	C28-C31	199711	7.8576	-------	10.0	
18.35	C32-C35	137456	7.0309	-------	10.0	
21.82	C36-C39	87995	5.6813	-------	10.0	
27.03	C40+	34073	5.1889	-------	10.0	
		1767860	91.5836			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.45		117152	0.1172	-------	10.0	
3.61		2312	0.0023	-------	10.0	
4.80		873	0.0009	-------	10.0	
		120337	0.1203			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.20		128073	0.1281	-------	10.0	
6.78		665	0.0007	-------	10.0	
7.00		4209	0.0042	-------	10.0	
		132947	0.1329			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.07		136297	0.1363	-------	10.0	
7.65		265	0.0003	-------	10.0	
8.16		5808	0.0058	-------	10.0	
8.39		669	0.0007	-------	10.0	
		143039	0.1430			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.60		133116	0.1331	-------	10.0	
9.37		5120	0.0051	-------	10.0	
		138236	0.1382			

oup Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.92		134384	0.1344	-------	10.0	
10.45		1303	0.0013	-------	10.0	
		135687	0.1357			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.10		135220	0.1352	-------	10.0	
12.03		845	0.0008	-------	10.0	
		136065	0.1361			

roup Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.17		132364	0.1324	-------	10.0	
13.15		132074	0.1321	-------	10.0	

	264438	0.2644

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.05		121034	0.1210	-------	10.0	
14.87		116841	0.1168	-------	10.0	
		237875	0.2379			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.64		109242	0.1092	-------	10.0	
16.37		90469	0.0905	-------	10.0	
		199711	0.1997			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.20		75120	0.0751	-------	10.0	
18.07		2582	0.0026	-------	10.0	
18.27		59755	0.0598	-------	10.0	
		137456	0.1375			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.68		47141	0.0471	-------	10.0	
21.60		40854	0.0409	-------	10.0	
		87995	0.0880			

Group Report For : C40+

Time	Component	Area	Final Results	% SURR	REP. LIMIT	FN

001673

2..25	34073	0.0341	-------	10.0
	34073	0.0341		

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\930_004.TX0

Software Version: 4.1<2F12>
Date: 10/3/00 09:26 AM
Sample Name : #TEPH00-166 RT MARKER
Data File : C:\TC4\DATA_3\930_005.RAW Date: 9/30/00 02:43 PM
Sequence File: C:\TC4\DATA_3\930.SEQ Cycle: 5 Channel : A
Instrument : GC/FID-03 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_3\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	3.749	20.00000	226005.500000	11300.275000	0.00	5	------	------	1	0
C10-C11	6.074	20.00000	241379.651515	12068.982576	0.00	5	------	------	1	0
C12-C13	7.769	20.00000	257822.848485	12891.142424	0.00	5	------	------	1	0
C14-C15	9.180	20.00000	253744.500000	12687.225000	0.00	5	------	------	1	0
C16-C17	10.441	20.00000	253170.000000	12658.500000	0.00	5	------	------	1	0
C18-C19	11.579	20.00000	251706.500000	12585.325000	0.00	5	------	------	1	0
C20-C23	13.051	20.00000	490506.500000	24525.325000	0.00	5	------	------	1	0
C24-C27	14.784	20.00000	443077.500000	22153.875000	0.00	5	------	------	1	0
C28-C31	16.356	20.00000	376542.000000	18827.100000	0.00	5	------	------	1	0
C32-C35	18.348	20.00000	262553.000000	13127.650000	0.00	5	------	------	1	0
C36-C39	21.815	20.00000	192964.166667	9648.208333	0.00	5	------	------	1	0
C40+	27.034	20.00000	78143.333333	3907.166667	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	14227.976667	----------	----------	--------	9
C10-C11	0.000000	15327.394309	----------	----------	--------	9
C12-C13	0.000000	16194.261663	----------	----------	--------	9
C14-C15	0.000000	15910.547222	----------	----------	--------	9
C16-C17	0.000000	15788.953611	----------	----------	--------	9
C18-C19	0.000000	15827.050000	----------	----------	--------	9
C20-C23	0.000000	30905.275000	----------	----------	--------	9
C24-C27	0.000000	28485.869028	----------	----------	--------	9
C28-C31	0.000000	24429.284306	----------	----------	--------	9
C32-C35	0.000000	18545.759167	----------	----------	--------	9
C36-C39	0.000000	14346.654536	----------	----------	--------	9
C40+	0.000000	6043.642547	----------	----------	--------	9

Calibration Status Explanations:
1 = Component not calibrated: Rejected based on user criteria
2 = Component not calibrated: Was not found in peak/group list

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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 : 10/3/00 09:26 AM
Study : ICAL 9/30/00

Instrument : GC/FID-03
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 8293570026 Data Acquisition Time: 9/30/00 02:43 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_3\930_005.RAW
Result File : C:\TC4\DATA_3\930_005.rst
Inst Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\930_005.rst
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\930.SEQ

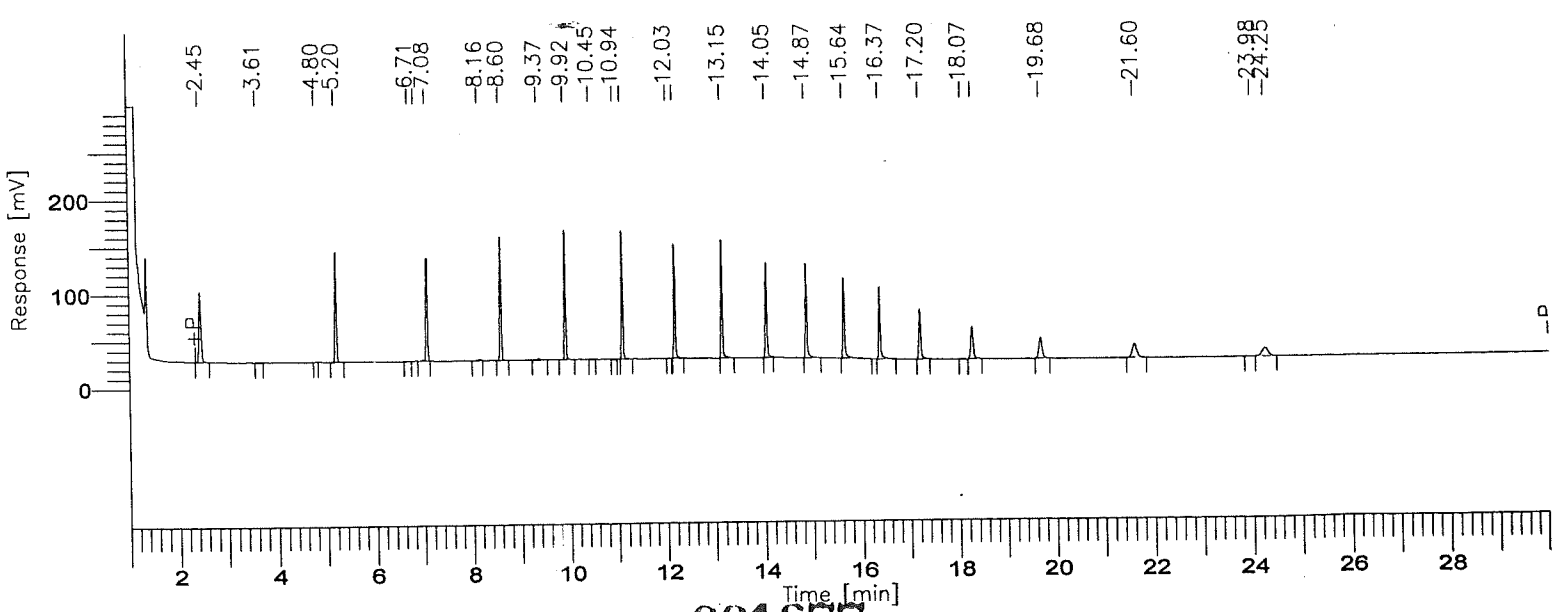
Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
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-C6-0160104

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	226006	15.8846	-------	10.0	
6.07	C10-C11	241380	15.7483	-------	10.0	
7.77	C12-C13	257823	15.9206	-------	10.0	
9.18	C14-C15	253744	15.9482	-------	10.0	
10.44	C16-C17	253170	16.0346	-------	10.0	
11.58	C18-C19	251706	15.9036	-------	10.0	
13.05	C20-C23	490506	15.8713	-------	10.0	
14.78	C24-C27	443078	15.5543	-------	10.0	
16.36	C28-C31	376542	15.4136	-------	10.0	
18.35	C32-C35	262553	14.1570	-------	10.0	
21.82	C36-C39	192964	13.4501	-------	10.0	
27.03	C40+	78143	12.9298	-------	10.0	
		3327616	182.8160			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.45		222846	0.2228	-------	10.0	
3.61		2514	0.0025	-------	10.0	
4.80		646	0.0006	-------	10.0	
		226006	0.2260			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.20		238902	0.2389	-------	10.0	
5.71		368	0.0004	-------	10.0	
6.83		2110	0.0021	-------	10.0	
		241380	0.2414			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.08		252451	0.2525	-------	10.0	
8.16		5372	0.0054	-------	10.0	
		257823	0.2578			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.60		248679	0.2487	-------	10.0	
9.37		5066	0.0051	-------	10.0	
		253744	0.2537			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.92		250736	0.2507	-------	10.0	
10.45		1146	0.0011	-------	10.0	
10.94		1288	0.0013	-------	10.0	
		253170	0.2532			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.10		250388	0.2504	-------	10.0	
12.03		1318	0.0013	-------	10.0	
		251706	0.2517			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.17		247149	0.2471	-------	10.0	
13.15		243358	0.2434	-------	10.0	

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.04		224820	0.2248	-------	10.0	
14.87		218258	0.2183	-------	10.0	
		443078	0.4431			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.64		204075	0.2041	-------	10.0	
16.37		172467	0.1725	-------	10.0	
		376542	0.3765			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.20		142821	0.1428	-------	10.0	
18.07		2233	0.0022	-------	10.0	
18.27		117499	0.1175	-------	10.0	
		262553	0.2626			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.68		99366	0.0994	-------	10.0	
21.60		91190	0.0912	-------	10.0	
23.98		2408	0.0024	-------	10.0	
		192964	0.1930			

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

T: [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
		78143	0.0781			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\930_005.TX0

Software Version: 4.1<2F12>
Date: 10/3/00 09:26 AM
Sample Name : #TEPH00-167 RT MARKER
Data File : C:\TC4\DATA_3\930_006.RAW Date: 9/30/00 03:22 PM
Sequence File: C:\TC4\DATA_3\930.SEQ Cycle: 6 Channel : A
Instrument : GC/FID-03 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_3\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	3.749	30.00000	303374.000000	10112.466667	0.00	5	------	------	1	0
C10-C11	6.074	30.00000	323707.414634	10790.247154	0.00	5	------	------	1	0
C12-C13	7.769	30.00000	345186.585366	11506.219512	0.00	5	------	------	1	0
C15	9.180	30.00000	335742.500000	11191.416667	0.00	5	------	------	1	0
C17	10.441	30.00000	336301.000000	11210.033333	0.00	5	------	------	1	0
C18-C19	11.579	30.00000	334546.000000	11151.533333	0.00	5	------	------	1	0
C20-C23	13.051	30.00000	655573.500000	21852.450000	0.00	5	------	------	1	0
C24-C27	14.784	30.00000	599012.500000	19967.083333	0.00	5	------	------	1	0
C28-C31	16.356	30.00000	494995.500000	16499.850000	0.00	5	------	------	1	0
C32-C35	18.348	30.00000	383095.000000	12769.833333	0.00	5	------	------	1	0
C36-C39	21.815	30.00000	330001.116279	11000.037209	0.00	5	------	------	1	0
C40+	27.034	30.00000	140891.883721	4696.396124	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	13673.821111	----------	----------	--------	9
C10-C11	0.000000	14757.733586	----------	----------	--------	9
C12-C13	0.000000	15636.944608	----------	----------	--------	9
C14-C15	0.000000	15300.177778	----------	----------	--------	9
C16-C17	0.000000	15183.081389	----------	----------	--------	9
C18-C19	0.000000	15207.005556	----------	----------	--------	9
C20-C23	0.000000	29706.191667	----------	----------	--------	9
C24-C27	0.000000	27339.988472	----------	----------	--------	9
C28-C31	0.000000	23458.837083	----------	----------	--------	9
C32-C35	0.000000	17871.356389	----------	----------	--------	9
C36-C39	0.000000	13956.889349	----------	----------	--------	9
C40+	0.000000	5875.154957	----------	----------	--------	9

Calibration Status Explanations:
- 1 = Component not calibrated: Rejected based on user criteria

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 : 10/3/00 09:26 AM
Study : ICAL 9/30/00

Instrument : GC/FID-03
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 8293570026 Data Acquisition Time: 9/30/00 03:22 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_3\930_006.RAW
Result File : C:\TC4\DATA_3\930_006.rst
Inst Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\930_006.rst
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\930.SEQ

Sample Volume : 1.0000 uL
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

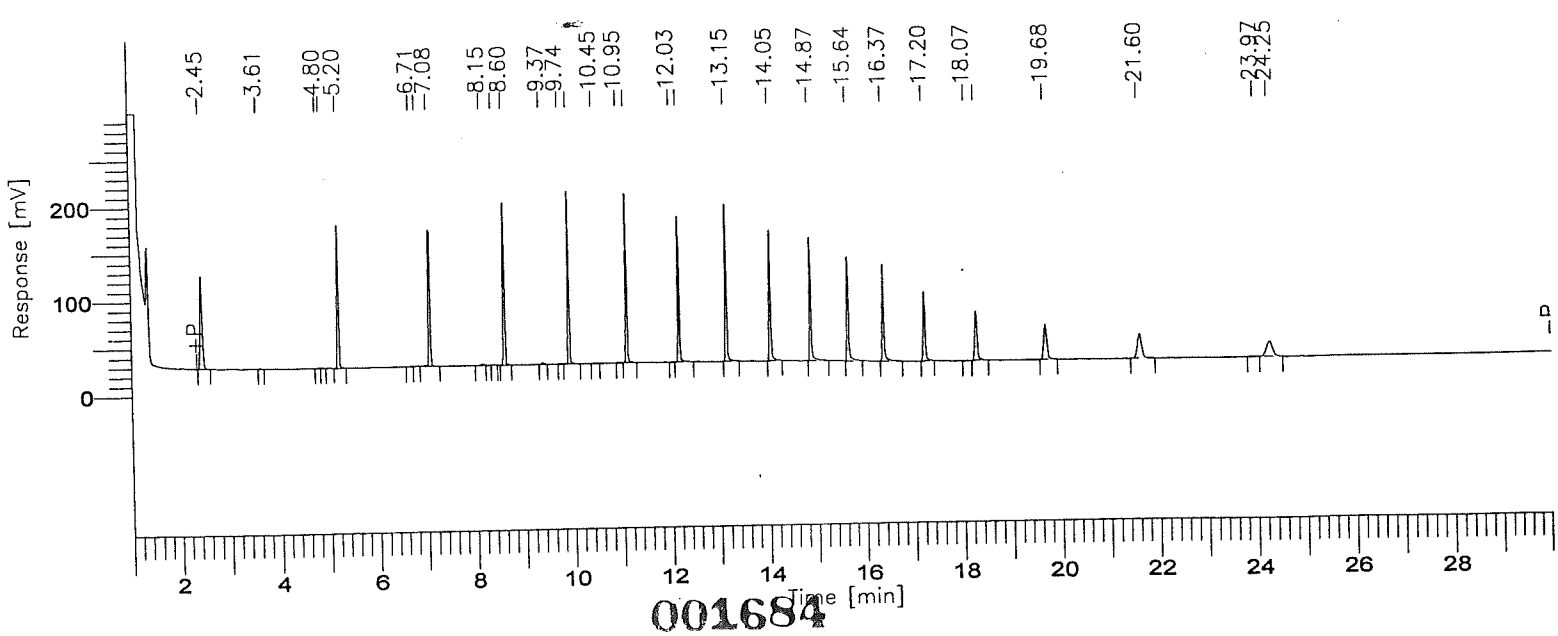
Noise Threshold: 50
Multiplier : 1.0000
User1 : TPHDA
User3 :
User5 :

Area Threshold : 200
Divisor : 1.0000
User2 :
User4 :

Bunch Factor: 1
Addend : 0.0000

Instrument Conditions:

Total number of peaks detected: 31



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BOE-C6-0160111

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	303374	22.1865	-------	10.0	
6.07	C10-C11	323707	21.9348	-------	10.0	
7.77	C12-C13	345187	22.0751	-------	10.0	
9.18	C14-C15	335742	21.9437	-------	10.0	
10.44	C16-C17	336301	22.1497	-------	10.0	
11.58	C18-C19	334546	21.9995	-------	10.0	
13.05	C20-C23	655574	22.0686	-------	10.0	
14.78	C24-C27	599012	21.9098	-------	10.0	
16.36	C28-C31	494996	21.1006	-------	10.0	
18.35	C32-C35	383095	21.4363	-------	10.0	
21.82	C36-C39	330001	23.6443	-------	10.0	
7.03	C40+	140892	23.9810	-------	10.0	
		4582427	266.4297			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.45		298343	0.2983	-------	10.0	
3.61		1992	0.0020	-------	10.0	
4.80		1276	0.0013	-------	10.0	
4.87		1762	0.0018	-------	10.0	
		303374	0.3034			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.20		319310	0.3193	-------	10.0	
6.70		952	0.0010	-------	10.0	
6.83		3445	0.0034	-------	10.0	
		323707	0.3237			

Group Report For : C12-C13

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.07		338287	0.3383	-------	10.0	
8.15		5215	0.0052	-------	10.0	
8.39		1685	0.0017	-------	10.0	
		345187	0.3452			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.60		329596	0.3296	-------	10.0	
9.37		5033	0.0050	-------	10.0	
9.74		1114	0.0011	-------	10.0	
		335742	0.3357			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.92		333556	0.3336	-------	10.0	
10.45		1314	0.0013	-------	10.0	
10.95		1431	0.0014	-------	10.0	
		336301	0.3363			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.10		332680	0.3327	-------	10.0	
12.03		1866	0.0019	-------	10.0	
		334546	0.3345			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

1[illegible].7	332340	0.3323	-------	10.0
15.15	323233	0.3232	-------	10.0
	655574	0.6556		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.05		305106	0.3051	-------	10.0	
14.87		293906	0.2939	-------	10.0	
		599012	0.5990			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
.64		262082	0.2621	-------	10.0	
16.37		232914	0.2329	-------	10.0	
		494996	0.4950			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.20		199975	0.2000	-------	10.0	
18.07		2453	0.0025	-------	10.0	
18.27		180667	0.1807	-------	10.0	
		383095	0.3831			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.68		166412	0.1664	-------	10.0	
21.60		160107	0.1601	-------	10.0	
23.97		3482	0.0035	-------	10.0	
		330001	0.3300			

Gr ıp Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
24.25		140892	0.1409	-------	10.0	
		140892	0.1409			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\930_006.TX0

Software Version: 4.1<2F12>
Date: 10/3/00 09:26 AM
Sample Name : #TEPH00-168 RT MARKER
Data File : C:\TC4\DATA_3\930_007.RAW Date: 9/30/00 04:01 PM
Sequence File: C:\TC4\DATA_3\930.SEQ Cycle: 7 Channel : A
Instrument : GC/FID-03 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_3\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	3.749	40.00000	403122.000000	10078.050000	0.00	5	------	------	1	0
C10-C11	6.074	40.00000	426246.344828	10656.158621	0.00	5	------	------	1	0
C12-C13	7.769	40.00000	445503.655172	11137.591379	0.00	5	------	------	1	0
-C15	9.180	40.00000	445609.000000	11140.225000	0.00	5	------	------	1	0
-C17	10.441	40.00000	445358.000000	11133.950000	0.00	5	------	------	1	0
C18-C19	11.579	40.00000	446154.000000	11153.850000	0.00	5	------	------	1	0
C20-C23	13.051	40.00000	871408.500000	21785.212500	0.00	5	------	------	1	0
C24-C27	14.784	40.00000	805271.000000	20131.775000	0.00	5	------	------	1	0
C28-C31	16.356	40.00000	669676.000000	16741.900000	0.00	5	------	------	1	0
C32-C35	18.348	40.00000	504487.500000	12612.187500	0.00	5	------	------	1	0
C36-C39	21.815	40.00000	400158.850000	10003.971250	0.00	5	------	------	1	0
C40+	27.034	40.00000	171219.650000	4280.491250	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	13038.733611	----------	----------	--------	9
C10-C11	0.000000	14078.463058	----------	----------	--------	9
C12-C13	0.000000	14919.600553	----------	----------	--------	9
C14-C15	0.000000	14602.569444	----------	----------	--------	9
C16-C17	0.000000	14475.860556	----------	----------	--------	9
C18-C19	0.000000	14497.484722	----------	----------	--------	9
20-C23	0.000000	28316.814583	----------	----------	--------	9
24-C27	0.000000	26009.215556	----------	----------	--------	9
C28-C31	0.000000	22383.685000	----------	----------	--------	9
C32-C35	0.000000	16982.633472	----------	----------	--------	9
C36-C39	0.000000	13205.233443	----------	----------	--------	9
C40+	0.000000	5561.806696	----------	----------	--------	9

Calibration Status Explanations:
1 = Component not calibrated: Rejected based on user criteria
[illegible] 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>
S ple Name : #TEPH00-168 RT MARKER
Sample Number: 40 PPM
Operator :

Time : 10/3/00 09:26 AM
Study : ICAL 9/30/00

Instrument : GC/FID-03
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 1000

Interface Serial # : 8293570026 Data Acquisition Time: 9/30/00 04:01 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

Raw Data File : C:\TC4\DATA_3\930_007.RAW
Result File : C:\TC4\DATA_3\930_007.rst
Inst Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\930_007.rst
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\930.SEQ

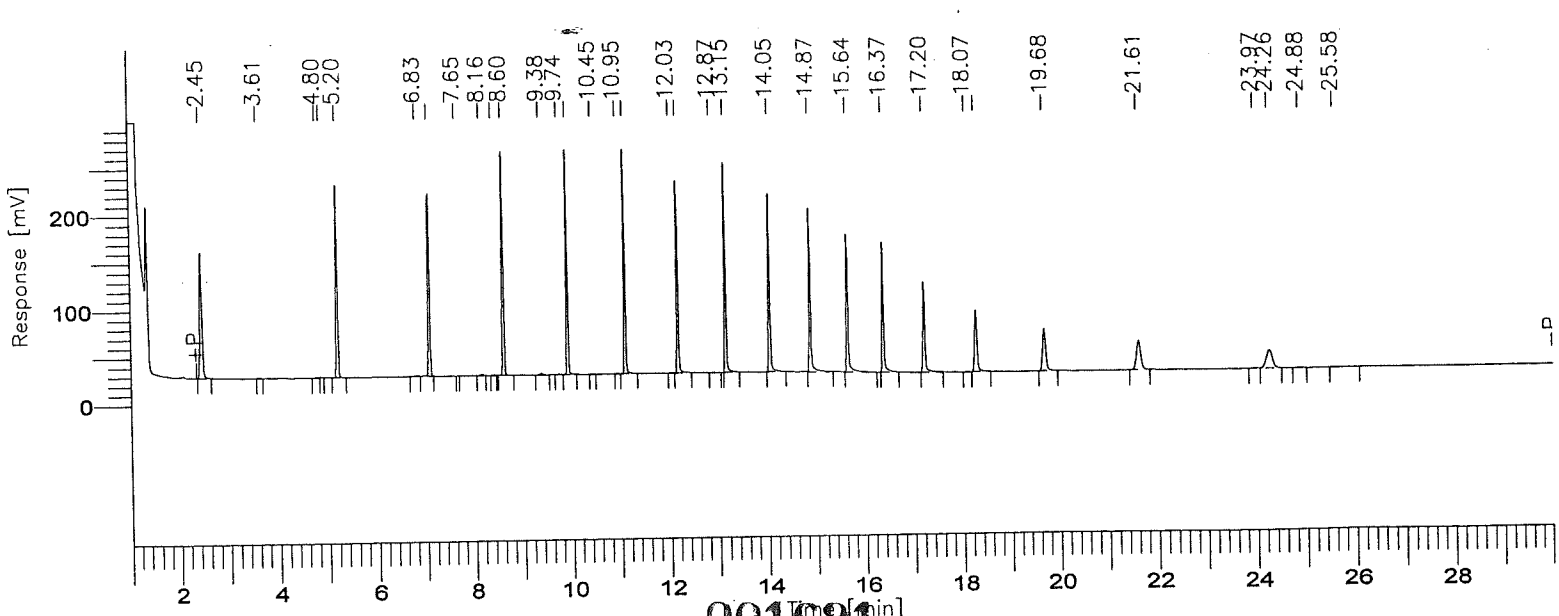
Sample Volume : 1.0000 uL
Sample Amount : 1.0000

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: 34



001691

BOE-C6-0160118

8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	403122	30.9173	-------	10.0	
6.07	C10-C11	426246	30.2765	-------	10.0	
7.77	C12-C13	445504	29.8603	-------	10.0	
9.18	C14-C15	445609	30.5158	-------	10.0	
10.44	C16-C17	445358	30.7656	-------	10.0	
11.58	C18-C19	446154	30.7746	-------	10.0	
13.05	C20-C23	871408	30.7735	-------	10.0	
14.78	C24-C27	805271	30.9610	-------	10.0	
16.36	C28-C31	669676	29.9180	-------	10.0	
18.35	C32-C35	504488	29.7061	-------	10.0	
21.82	C36-C39	400159	30.3031	-------	10.0	
[illegible].03	C40+	171220	30.7849	-------	10.0	
		6034214	365.5566			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.45		397752	0.3978	-------	10.0	
3.61		1892	0.0019	-------	10.0	
4.80		1318	0.0013	-------	10.0	
4.88		2160	0.0022	-------	10.0	
		403122	0.4031			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.20		422942	0.4229	-------	10.0	
6.83		3304	0.0033	-------	10.0	
		426246	0.4262			

T e [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.08		438071	0.4381	-------	10.0	
7.65		322	0.0003	-------	10.0	
8.16		4821	0.0048	-------	10.0	
8.39		2290	0.0023	-------	10.0	
		445504	0.4455			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.60		439278	0.4393	-------	10.0	
9.38		4990	0.0050	-------	10.0	
9.74		1342	0.0013	-------	10.0	
		445609	0.4456			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.92		442614	0.4426	-------	10.0	
10.45		933	0.0009	-------	10.0	
10.95		1811	0.0018	-------	10.0	
		445358	0.4454			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.10		443725	0.4437	-------	10.0	
12.03		2429	0.0024	-------	10.0	
		446154	0.4462			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

T e [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
12.87		1410	0.0014	-------	10.0	
13.15		428605	0.4286	-------	10.0	
		871408	0.8714			

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.05		410356	0.4104	-------	10.0	
14.87		394916	0.3949	-------	10.0	
		805271	0.8053			

Group Report For : C28-C31

me [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.64		362461	0.3625	-------	10.0	
16.37		307215	0.3072	-------	10.0	
		669676	0.6697			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.20		272154	0.2722	-------	10.0	
18.07		2203	0.0022	-------	10.0	
18.27		230130	0.2301	-------	10.0	
		504488	0.5045			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.68		204996	0.2050	-------	10.0	
21.61		190818	0.1908	-------	10.0	
23.97		4346	0.0043	-------	10.0	

	400159	0.4002

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
24.26		168104	0.1681	-------	10.0	
24.88		1966	0.0020	-------	10.0	
25.58		1150	0.0012	-------	10.0	
		171220	0.1712			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\930_007.TX0

	400159	0.4002

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
24.26		168104	0.1681	-------	10.0	
24.88		1966	0.0020	-------	10.0	
25.58		1150	0.0012	-------	10.0	
		171220	0.1712			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\930_007.TX0

	400159	0.4002

Group Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
24.26		168104	0.1681	-------	10.0	
24.88		1966	0.0020	-------	10.0	
25.58		1150	0.0012	-------	10.0	
		171220	0.1712			

Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\930_007.TX0

Software Version: 4.1<2F12>
D: : 10/3/00 09:26 AM
Sample Name : #TEPH00-169 RT MARKER
Data File : C:\TC4\DATA_3\930_008.RAW Date: 9/30/00 04:41 PM
Sequence File: C:\TC4\DATA_3\930.SEQ Cycle: 8 Channel : A
Instrument : GC/FID-03 Rack/Vial: 0/0 Operator:
Sample Amount : 1.0000 Dilution Factor : 1.00

AUTO-CALIBRATION REPORT

Updating method : C:\TC4\DATA_3\METHODS\C8-C40A.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
C8-C9	3.749	50.00000	555543.000000	11110.860000	0.00	6	------	------	1	0
C10-C11	6.074	50.00000	589271.271429	11785.425429	0.00	6	------	------	1	0
C12-C13	7.769	50.00000	617666.228571	12353.324571	0.00	6	------	------	1	0
C14-C15	9.180	50.00000	613035.000000	12260.700000	0.00	6	------	------	1	0
C16-C17	10.441	50.00000	615091.000000	12301.820000	0.00	6	------	------	1	0
C18-C19	11.579	50.00000	616439.000000	12328.780000	0.00	6	------	------	1	0
C20-C23	13.051	50.00000	1204859.000000	24097.180000	0.00	6	------	------	1	0
C24-C27	14.784	50.00000	1124656.500000	22493.130000	0.00	6	------	------	1	0
C28-C31	16.356	50.00000	927712.500000	18554.250000	0.00	6	------	------	1	0
C32-C35	18.348	50.00000	717781.000000	14355.620000	0.00	6	------	------	1	0
C36-C39	21.815	50.00000	580556.267442	11611.125349	0.00	6	------	------	1	0
C40+	27.034	50.00000	246423.232558	4928.464651	0.00	6	------	------	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	13117.125278	----------	----------	--------	9
C10-C11	0.000000	14197.485630	----------	----------	--------	9
C12-C13	0.000000	15133.329648	----------	----------	--------	9
C14-C15	0.000000	14791.752778	----------	----------	--------	9
C16-C17	0.000000	14668.400556	----------	----------	--------	9
C18-C19	0.000000	14673.164722	----------	----------	--------	9
C20-C23	0.000000	28598.594583	----------	----------	--------	9
C24-C27	0.000000	26018.060556	----------	----------	--------	9
C28-C31	0.000000	21756.066667	----------	----------	--------	9
C32-C35	0.000000	15683.706806	----------	----------	--------	9
C36-C39	0.000000	11443.640357	----------	----------	--------	9
C40+	0.000000	4672.403115	----------	----------	--------	9

Calibration Status Explanations:
- 1 = Component not calibrated: Reported based on user criteria

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 Time : 10/3/00 09:26 AM
Sample Number: 50 PPM Study : ICAL 9/30/00
Operator :

Instrument : GC/FID-03 Channel : A A/D mV Range : 1000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 8293570026 Data Acquisition Time: 9/30/00 04:41 PM
Delay Time : 1.00 min.
End Time : 30.00 min.
Sampling Rate : 1.0000 pts/sec

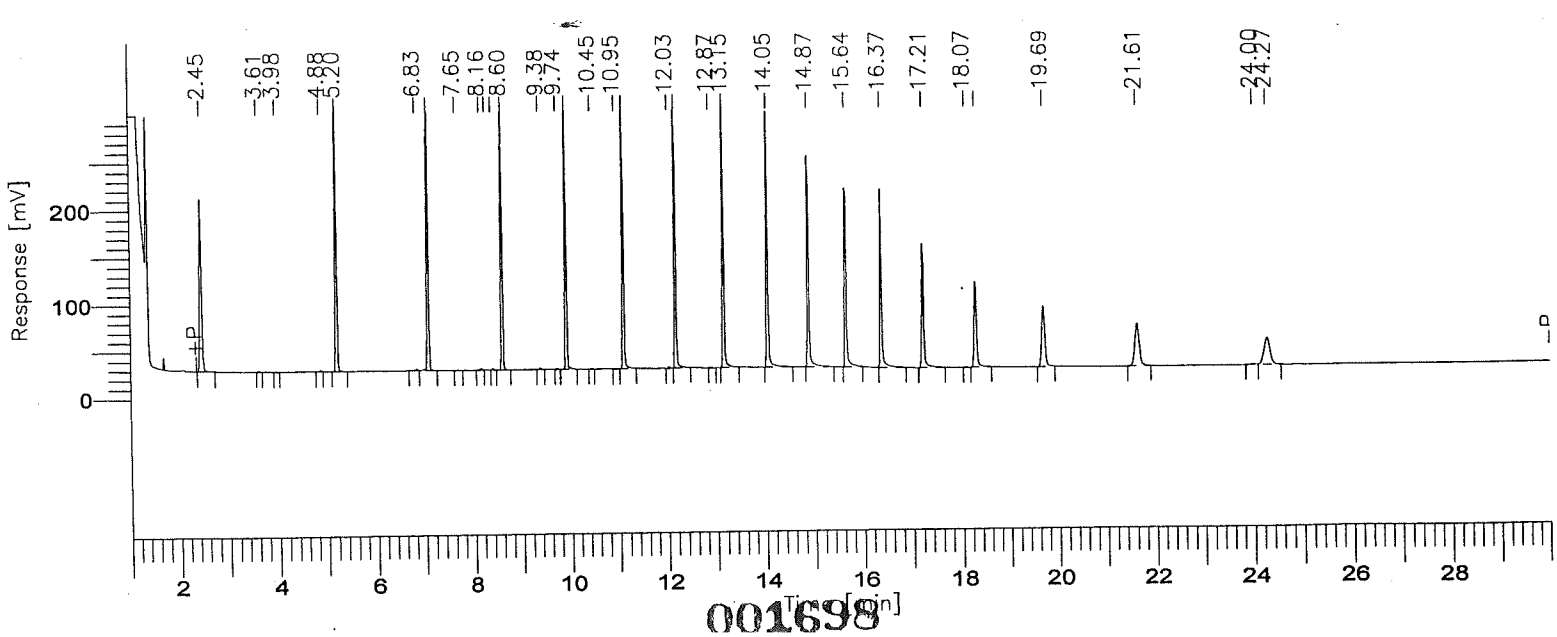
Raw Data File : C:\TC4\DATA_3\930_008.RAW
Result File : C:\TC4\DATA_3\930_008.rst
Inst Method : C:\TC4\DATA_3\METHODS\C8-C40A from C:\TC4\DATA_3\930_008.rst
Proc Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Calib Method : C:\TC4\DATA_3\METHODS\C8-C40A.mth
Sequence File : C:\TC4\DATA_3\930.SEQ

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: 33



8015B(TEPH)

GC03/FID: RTX-1

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
3.75	C8-C9	555543	42.3525	-------	10.0	
6.07	C10-C11	589271	41.5053	-------	10.0	
7.77	C12-C13	617666	40.8150	-------	10.0	
9.18	C14-C15	613035	41.4444	-------	10.0	
10.44	C16-C17	615091	41.9331	-------	10.0	
11.58	C18-C19	616439	42.0113	-------	10.0	
13.05	C20-C23	1204859	42.1300	-------	10.0	
14.78	C24-C27	1124656	43.2260	-------	10.0	
16.36	C28-C31	927712	42.6416	-------	10.0	
18.35	C32-C35	717781	45.7660	-------	10.0	
21.82	C36-C39	580556	50.7318	-------	10.0	
[illegible].03	C40+	246423	52.7401	-------	10.0	
		8409034	527.2971			

Group Report For : C8-C9

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
2.45		549737	0.5497	-------	10.0	
3.61		2086	0.0021	-------	10.0	
3.98		573	0.0006	-------	10.0	
4.88		3147	0.0031	-------	10.0	
		555543	0.5555			

Group Report For : C10-C11

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
5.20		583106	0.5831	-------	10.0	
6.83		6165	0.0062	-------	10.0	
		589271	0.5893			

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
7.08		606860	0.6069	-------	10.0	
7.65		429	0.0004	-------	10.0	
8.16		5921	0.0059	-------	10.0	
8.27		1112	0.0011	-------	10.0	
8.39		3344	0.0033	-------	10.0	
		617666	0.6177			

Group Report For : C14-C15

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
8.60		606258	0.6063	-------	10.0	
9.38		5028	0.0050	-------	10.0	
9.74		1749	0.0017	-------	10.0	
		613035	0.6130			

Group Report For : C16-C17

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
9.92		611843	0.6118	-------	10.0	
10.45		1091	0.0011	-------	10.0	
10.95		2157	0.0022	-------	10.0	
		615091	0.6151			

Group Report For : C18-C19

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
11.10		613036	0.6130	-------	10.0	
12.03		3403	0.0034	-------	10.0	
		616439	0.6164			

Group Report For : C20-C23

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN

1 .7		610120	0.6101	-------	10.0
12.87		945	0.0009	-------	10.0
13.15		593793	0.5938	-------	10.0
		1204859	1.2049		

Group Report For : C24-C27

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
14.05		575535	0.5755	-------	10.0	
14.87		549122	0.5491	-------	10.0	
		1124656	1.1247			

Group Report For : C28-C31

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
15.64		488080	0.4881	-------	10.0	
16.37		439632	0.4396	-------	10.0	
		927712	0.9277			

Group Report For : C32-C35

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
17.21		384669	0.3847	-------	10.0	
18.07		2284	0.0023	-------	10.0	
18.27		330828	0.3308	-------	10.0	
		717781	0.7178			

Group Report For : C36-C39

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
19.69		294552	0.2946	-------	10.0	
21.61		279211	0.2792	-------	10.0	
24.00		6793	0.0068	-------	10.0	
		580500	0.5806			

C up Report For : C40+

Time [min]	Component Name	Area [µV·s]	Final Results (ppm)	% SURR REC	REP. LIMIT mg/kg	FN
24.27		246423	0.2464	-------	10.0	
		246423	0.2464			

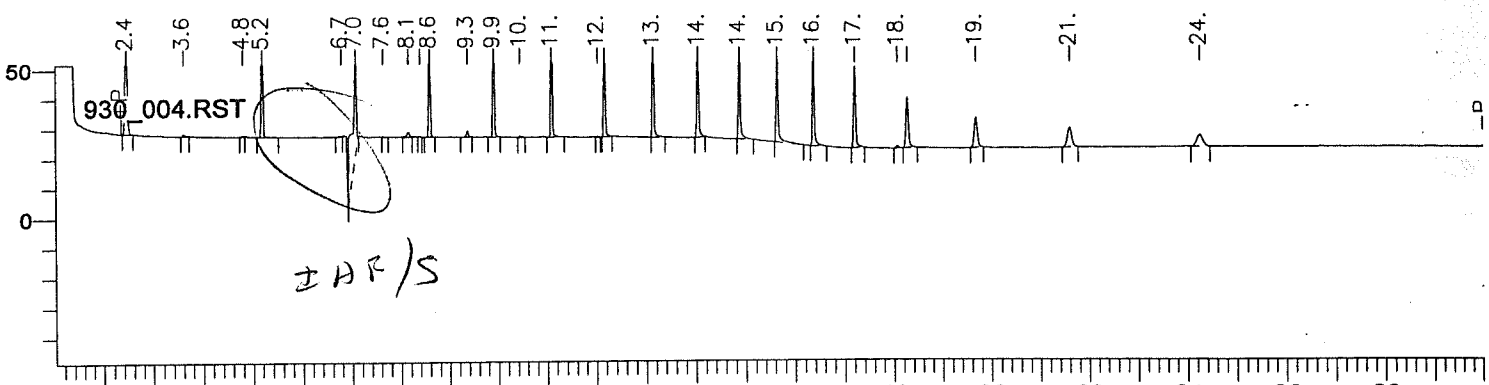
Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

STL - LOS ANGELES

Report stored in ASCII file: C:\TC4\DATA_3\930_008.TX0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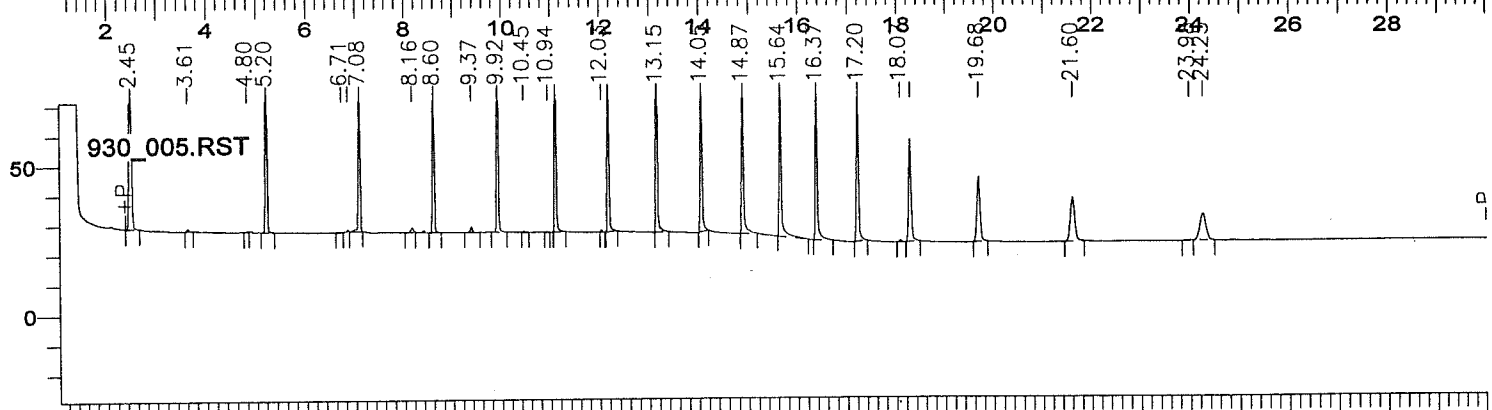
IAR/S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17.20
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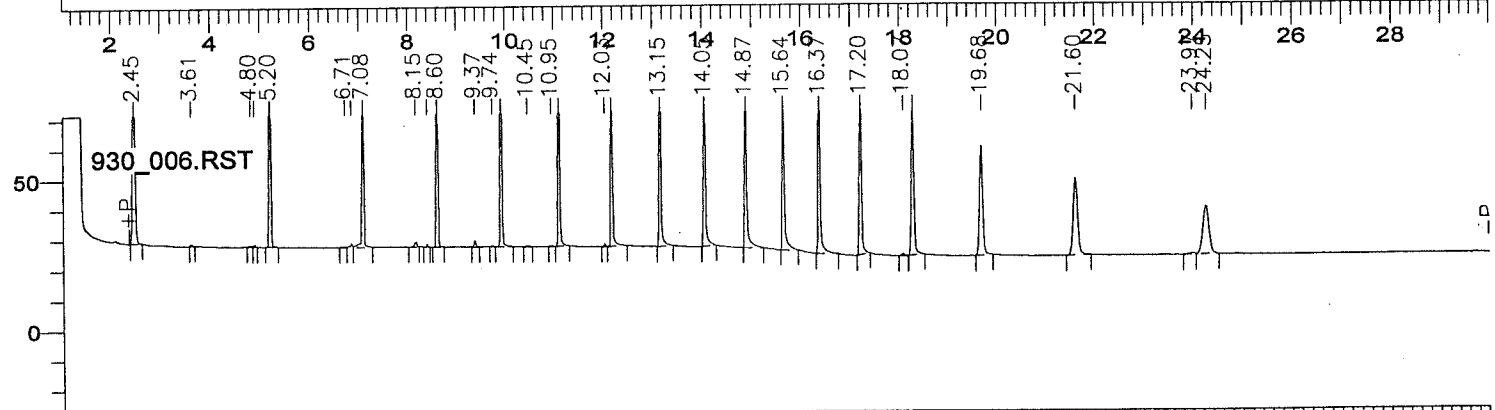
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3.61
4.80
5.20
6.71
7.08
8.15
8.60
9.37
9.74
10.45
10.95
12.02
13.15
14.05
14.87
15.64
16.37
17.20
18.07
19.68
21.60
23.96
24.25
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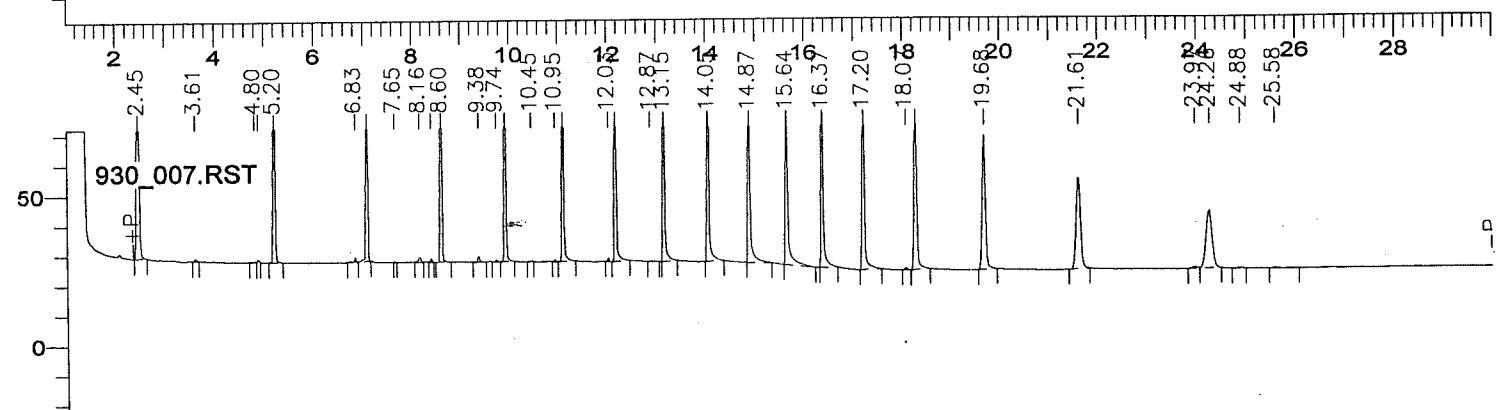
28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2.45
3.61
4.80
5.20
6.83
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8.16
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9.74
10.45
10.95
12.02
12.87
13.15
14.05
14.87
15.64
16.37
17.20
18.07
19.68
21.61
23.96
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2
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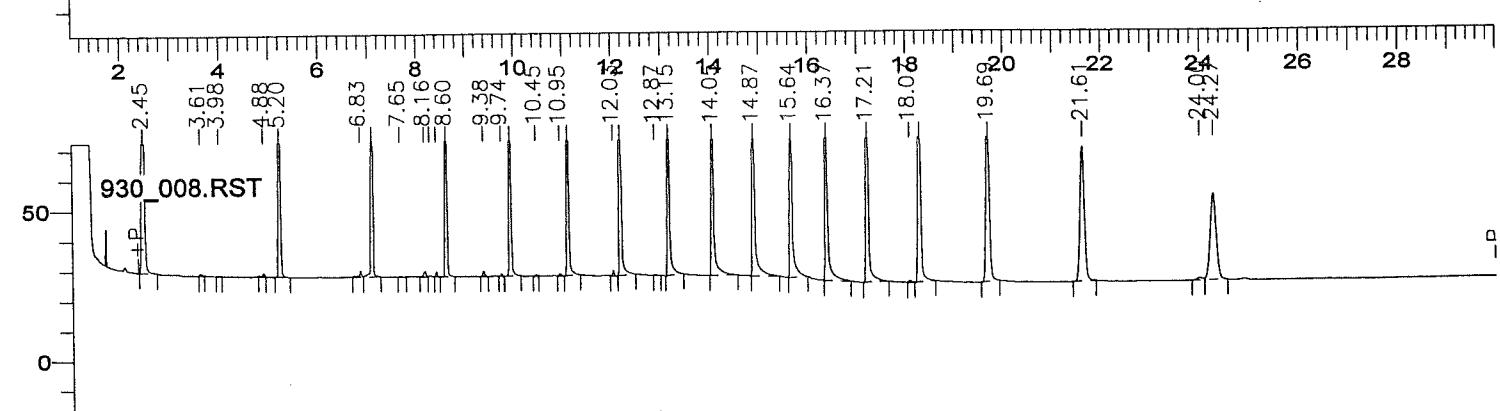
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50
0
2.45
3.61
3.98
4.88
5.20
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8.16
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9.38
9.74
10.45
10.95
12.02
12.87
13.15
14.05
14.87
15.64
16.37
17.21
18.07
19.68
21.61
24.25
2
4
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16
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20
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24
26
28

Plot Title	Start Time	End Time	Scale (mV)	Offset (mV)
9´ 004.RST	1.00	30.00	100.00	-48.30

Sample Name : #TEPH00-165 RT MARKER
Sample Number : 10 PPM
Instrument File Name : C:\TC4\DATA_3\METHODS\C8-C40A

930_005.RST	1.00	30.00	100.00	-28.73

Sample Name : #TEPH00-166 RT MARKER
Sample Number : 20 PPM
Instrument File Name : C:\TC4\DATA_3\METHODS\C8-C40A

930_006.RST	1.00	30.00	100.00	-28.42

Sample Name : #TEPH00-167 RT MARKER
Sample Number : 30 PPM
Instrument File Name : C:\TC4\DATA_3\METHODS\C8-C40A

930_007.RST	1.00	30.00	100.00	-28.00

Sample Name : #TEPH00-168 RT MARKER
Sample Number : 40 PPM
Instrument File Name : C:\TC4\DATA_3\METHODS\C8-C40A

930_008.RST	1.00	30.00	100.00	-27.38

Sample Name : #TEPH00-169 RT MARKER
ıple Number : 50 PPM
Instrument File Name : C:\TC4\DATA_3\METHODS\C8-C40A

Turbochrom Sequence File : C:\TC4\DATA_3\930.SEQ
C ated by : EM on : 9/30/00 11:56 AM
Edited by : EC on : 10/3/00 08:15 AM
Description :

Number of Times Edited : 2

Sequence File Header Information:

Number of Rows : 69
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 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
2	Sample	DAILY RT MARKER	C8-C40	ICAL 9/27/	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 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
4	Cal:Replace	#TEPH00-165 RT	10 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
5	Cal:Replace	#TEPH00-166 RT	20 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
6	Cal:Replace	#TEPH00-167 RT	30 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
7	Cal:Replace	#TEPH00-168 RT	40 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
8	Cal:Replace	#TEPH00-169 RT	50 PPM	ICAL 9/30/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
9	Sample	215-MB	DL3FR103B	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
10	Sample	215-LCS	DL3FR104C	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
11	Sample	215-01	DL1JW102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
12	Sample	215-02	DL1K2102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
13	Sample	215-03	DL1K4102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
14	Sample	215-04	DL1K8102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
15	Sample	215-05	DL1K9102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
16	Sample	215-06	DL1KC102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
17	Sample	215-06 MS	DL1KC10QS	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
18	Sample	215-06 MSD	DL1KC10RD	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
19	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
20	Std Check	#TEPH00-167 RT	30 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
21	Sample	215-07	DL1KE102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
22	Sample	215-08	DL1KG102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
23	Sample	215-10	DL1KJ102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
24	Sample	215-11	DL1KK102	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
25	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
26	Std Check	#TEPH00-167 RT	30 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
27	Sample	MECL2	MECL2	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
28	Sample	DAILY RT MARKER	C8-C40	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
29	Std Check	#TEPH00-171 DIE	1000 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
30	Std Check	#EPH00-167 RT M	30 PPM	ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
31	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
32	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
33	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
34	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
35	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
36	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
37	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
38	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
39	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
40	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
41	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
42	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
43	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
44	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
45	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
46	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
47	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
48	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
49	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
50	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
51	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
52	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
53	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
54	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
55	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
56	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
57	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000
58	Sample			ICAL 9/27/	1.000	1.000	1.000	1.000	5.000	20.000	0.000	100.000