RMT Integrated Environmental Solutions

1153 Bordeaux Drive, Suite 208
Sunnyvale, CA 94089
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SL/2536

January 16, 2004

Mr. Barney Chan
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Subject: Results of Lateral Extent Soil Sampling and Grab Groundwater Samples for the Residential/Commercial Property Located at 762 Stewart Court Alameda, California

Dear Mr. Chan:

Per your request, additional soil samples have been collected from four soil borings (D-1, D-2, D-3 and D-4) to define the lateral extent of petroleum hydrocarbons detected in soil excavation D located at the north end of the property located at 762 Stewart Court in Alameda, California (Figure 1). In addition, a grab groundwater sample was collected from three borings (D-1, D-2 and D-4).

All four soil samples were analyzed for petroleum hydrocarbons as diesel (C10-C24), motor oil (C24-C36) and lead. One of the soil samples (D-1S) was also analyzed for semi-volatile organic compounds (SVOCs). All three grab groundwater samples were analyzed for diesel (C10-C-24), motor oil (C24-C36) and lead. One of the grab groundwater samples (D-1GW) was also analyzed for SVOCs.

Petroleum hydrocarbons were detected in all soil and grab groundwater samples. The laboratory reported that the molecular weight of the detected chemical compounds are heavier than diesel, but lighter than motor oil. Chromatograms were provided in a prior submittal to you; the detected compounds seem to resemble mineral oil.

Low concentrations of phenanthrene was detected in one soil sample, but SVOCs were not detected in groundwater. Lead was detected at 4.2 ug/L in grab groundwater sample D-1GW.

In light of the historical commercial land use at the 762 Stewart Court property, and the current use of the property for commercial purposes, the detected chemical concentrations in soil and groundwater are understandable.

The current tenant, who operates the remodeling contractor business at the 762 Stewart Court Property, has been in escrow for over one year and would like to finalize the purchase of the property. The bank needs a letter from Alameda County that no further investigation or remediation is required for the 762 Stewart Court property.

In light of the investigative work and remediation work completed to date at the 762 Stewart Court Property, I believe that we have a complete enough understanding of the extent of mineral oil remaining in soil and groundwater.

The property owner, Ms. Patricia Santanna, is a private individual who is trying to close the estate of her late father, namely the 762 Stewart Court property. As the executor of the estate, her duty is to settle the estate as expeditiously, as possible. Ms. Santanna wants to do the right thing by selling the property, disclosing the presence of residual hydrocarbons at the property to all buyers, and performing remedial investigations and extensive soil excavating. I must stress that Ms. Santanna is a private individual, and that the majority of liquid assets have been exhausted.

Ms. Santanna is not asking for clean closure, and is more than willing to accept deed restrictions. I believe we are at the point where administrative controls will limit human health risks to acceptable levels. Numerous precedents exist where an asphalt and/or concrete "cap" is installed over residual soil contamination. The majority of the property is covered with buildings and a concrete floor. The outdoor area is used to park vehicles during the day, and can be covered with asphalt. Ms. Santanna has an agreement with the tenant/buyer of the property, that as a condition of the sale, the outdoor area will be paved.

Ms. Santanna is financially unable to continue any further remediation work. I would like to call you this week to discuss your thoughts.

I have summarized the detected chemical concentrations in soil and groundwater. Additional work with respect to soil remediation is not possible, without potentially causing damage to the foundation of the existing structures. Additional investigation of groundwater will exhaust what little liquid assets remain in the estate of Ms. Santanna's late father. I look forward to discussing the language for the deed restriction so the sale of the property can proceed and so that the estate can finally be settled.

SAMPLE ID NO.	ANALYTES			
	Diesel C10-C24	Motor Oil C24-C36	Phenanthrene	Lead
GRAB GROUNDWATER SAMPLE NO.	(ug/L)	(ug/L)	(ug/L)	(ug/L)
D-1GW	180,000 (H) (Y)	63,000 (L) (Y)	<31	4.2
D-2GW	1,100 (H) (Y)	1,900 L (Y)	--	<3.0
D-4GW	3,400 (H) (Y)	1,200 L (Y)	--	<3.0

SOIL SAMPLE NO.	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
D-1S	11,000 (H) (Y)	3,700 L (Y)	1.5	67
D-2S	40 (H) (Y)	310	--	120
D-3S	97 (H) (Y)	330	--	88
D-4S	3,800 (H) (Y)	3,000 (L) (Y)	--	80

Notes:

H = Heavier hydrocarbons contributed to the quantitation
L = Lighter hydrocarbons contributed to the quantitation
Y = Sample exhibits chromatographic pattern which does not resemble the standard

If you have and questions or comments, please contact me at 408-368-7796.

Sincerely,

Alan Lui

RMT, Inc.

Alan Lui, P.E.
Senior Project Manager

Attachment: December 11, 2003 Soil and Groundwater Sample Locations Figure

cc: Ms. Patricia Santanna
Ms. Judith Bright
Mr. Michael Bacon, RMT
Central Files

Diesel C10-24 | mo C24-36 | Phenanthrene | lead

SOIL SAMPLE NO.	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
D-1S	11,000 (H) (Y)	3,700 L (Y)	1.5	67
D-2S	40 (H) (Y)	310	--	120
D-3S	97 (H) (Y)	330	--	88
D-4S	3,800 (H) (Y)	3,000 (L) (Y)	--	80

Notes:

H = Heavier hydrocarbons contributed to the quantitation
L = Lighter hydrocarbons contributed to the quantitation
Y = Sample exhibits chromatographic pattern which does not resemble the standard

If you have and questions or comments, please contact me at 408-368-7796.

Sincerely,

Alan Lui

RMT, Inc.

Alan Lui, P.E.
Senior Project Manager

	main peak	extends to
D-1 gw	~C18	C36+
D-2 gw	~C24	C40+
D-4 gw	C20	C40+
Diesel	C14-16	C22-24
mo	C26	C36+

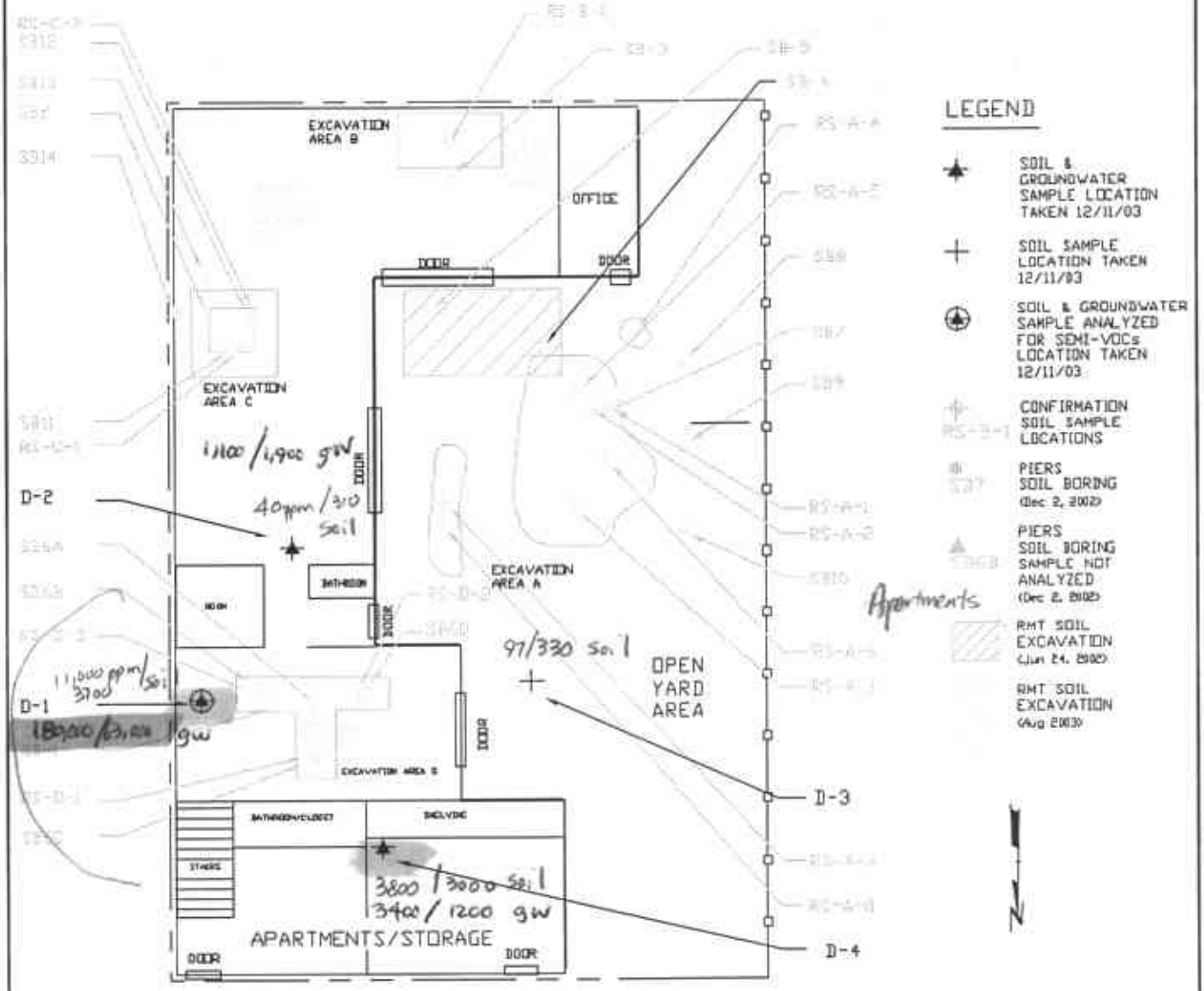
Attachment: December 11, 2003 Soil and Groundwater Sample Locations Figure

cc: Ms. Patricia Santanna
Ms. Judith Bright
Mr. Michael Bacon, RMT
Central Files

D-3s C26 C36+ ← mo
D-4s C20-22 C36+

Potential ESL's

	TPH d	TPH mo	lead
B1 soil res	500	500	200
B2 soil com	500	1000	750
E-2 GW res	10 ppm	—	
gw com	29 ppm	—	



762 STEWART COURT

DRAWING IS NOT TO SCALE

ppm diesel / ppm mo (soil)
ppb diesel / ppb mo gw

RMT INC.	SANTANNA 762 STEWART COURT ALAMEDA, CALIFORNIA	DRAWN BY: C.G. APPROVED BY: A.L. PROJECT NO. 00-90225.02 FILE NO. SANTANNA LATERAL EXTENT DATE: December 12, 2003
	DECEMBER 11, 2003 SOIL AND GROUNDWATER SAMPLE LOCATIONS	

Soil Boring Descriptions
December 11, 2003
762 Stewart Court, Alameda, California
Santanna Project

Boring ID	Depth Interval (feet bgs)	Description	Soil Sample Depth (ft bgs)
D-1S	0-2 2-4 4-6 6-8	6" concrete layer, rocky, dark brown/black, sandy soil loose, moist, dark brown/black sandy soil, moist, dark brown/black, sandy silt moist, dark brown/black, sandy silt Groundwater at about 8-9 feet bgs	soil sample taken at 5.5 - 6.0 feet
D-2S	0-2 2-4 4-6 6-8	6" concrete layer, rocky, dark brown/black, sandy soil moist, dark greyish black sandy silt, very moist, yellowish brown/grey, sandy silt very moist, yellowish brown/grey, sandy silt Groundwater at about 8-9 feet bgs	soil sample taken at 3.5 - 4.0 feet
D-3S	0-2 2-4 4-6 6-8 8-10 10-12	rocky, brown/yellow, sandy soil moist, loose, brown/yellow sandy soil moist, dark brown/black, sandy silt moist/wet, dark brown/black, sandy silt moist/wet; dark brown/ black, sandy clay wet, drark brown/black, sandy clay Groundwater at about 9-10 feet bgs	soil sample taken at 3-3.5 feet
D-4S	0-2 2-4 4-6 6-8	6" concrete layer, rocky, dark brown/black, moist, sandy soil moist, dark brown/black sandy clay moist, black, sandy clay very moist, black, sandy clay Groundwater at about 8-9 feet bgs	soil sample taken at 2-2.5 feet

Curtis & Tompkins, Ltd., Analytical Laboratories. Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

ANALYTICAL REPORT

Prepared for:

RMT, Inc.
1153 Bordeaux Drive
Suite 208
Sunnyvale, CA 94089

Date: 31-DEC-03
Lab Job Number: 169394
Project ID: STANDARD
Location: Santanna

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

Curtis & Tompkins, Ltd.

Laboratory Number: **169394**
Client: **RMT Inc.**
Location: **Santanna**
Project number: **00-06606.01**

Received Date: **12/11/03**

CASE NARRATIVE

This hardcopy data package contains sample results and batch QC results for three water and four soil samples that were received on December 11, 2003. The samples were received cold and intact.

Total Extractable Hydrocarbons-Diesel, Motor Oil by EPA 8015B

Many samples were analyzed at dilutions, which caused the surrogate to be diluted out.

Low spike recovery was observed in the matrix spike duplicate of sample 169408-008. The matrix spike sample was not a sample from this site. The associated laboratory control sample met acceptance criteria.

No other analytical problems were encountered.

Semivolatile Organics by EPA8270C

Low 2-fluorobiphenyl and terphenyl-d14 surrogate recoveries were observed in sample D-1GW. The sample was re-analyzed with similar results, indicating that this outlier was due to matrix interference.

Sample D-1S was analyzed at a dilution due to non-target compound interferences. This dilution caused the surrogates to be diluted out.

No other analytical problems were encountered.

Lead by EPA 6010B

No analytical problems were encountered.

CHAIN OF CUSTODY FORM

Page 1 of 1

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

C&T LOGIN # 169394

Sampler: C. Gaspay
Report To: Alan Lau
Company: EMT, INC.
Telephone: (408) 744-6505
Fax: (408) 744-0154

Project No: 00-06606.01
Project Name: SANTANNA
Project P.O.: 00-06606.01
Turnaround Time: Standard

For Laboratory Use

Laboratory Number	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCl	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Field Notes	Analyses: EPA 8015 as Diesel	Analyses: EPA 8015 as Motor Oil	Analyses: Lead	Analyses: EPA 8270 Semi-Volatiles
	D-1S		X			1					4 soil samples all	X	X	X	X
	D-2S		X			1					analyzed for diesel,	X	X	X	
	D-3S		X			1					motor oil, & lead.	X	X	X	
	D-4S		X			1						X	X	X	
	D-1GW			X		3					[illegible]	X	X	X	X
	D-2GW			X		2					+3 water samples	X	X	X	
	D-4GW			X		2					all analyzed for diesel,	X	X	X	
											motor oil, & lead				
	Trip Blank			X		~~2~~ 3						X	X	X	X
						JAW 12-11-03					Sample D-1S & D1GW				
											analyzed for semi-vols				
											also.				
											+ Filler at lab				

Notes:

Received ☐ On Ice ☐ Cold ☐ Ambient ☒ Intact

Trip Blank logged in on "HOLD"
JAW 12-11-03

RELINQUISHED BY:		RECEIVED BY:	
Signature	12/11/03 DATE/TIME	Signature	12/11/03 DATE/TIME
Signature	1654 DATE/TIME	Signature	12-11-03 9:50 DATE/TIME
	DATE/TIME		DATE/TIME

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Received:	12/11/03
Units:	ug/L	Prepared:	12/15/03
Batch#:	86947	Analyzed:	12/16/03
Sampled:	12/11/03		

Field ID: D-1GW
Type: SAMPLE
Lab ID: 169394-005
Diln Fac: 50.00

Analyte	Result	RL
Diesel C10-C24	180,000 H Y	2,500
Motor Oil C24-C36	63,000 L Y	15,000

Surrogate	%REC	Limits
Hexacosane	DO	44-146

Field ID: D-2GW
Type: SAMPLE
Lab ID: 169394-006
Diln Fac: 1.000

Analyte	Result	RL
Diesel C10-C24	1,100 H Y	50
Motor Oil C24-C36	1,900 L Y	300

Surrogate	%REC	Limits
Hexacosane	84	44-146

Field ID: D-4GW
Type: SAMPLE
Lab ID: 169394-007
Diln Fac: 1.000

Analyte	Result	RL
Diesel C10-C24	3,400 H Y	50
Motor Oil C24-C36	1,200 L Y	300

Surrogate	%REC	Limits
Hexacosane	87	44-146

Type: BLANK
Lab ID: QC235213
Diln Fac: 1.000

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	118	44-146

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

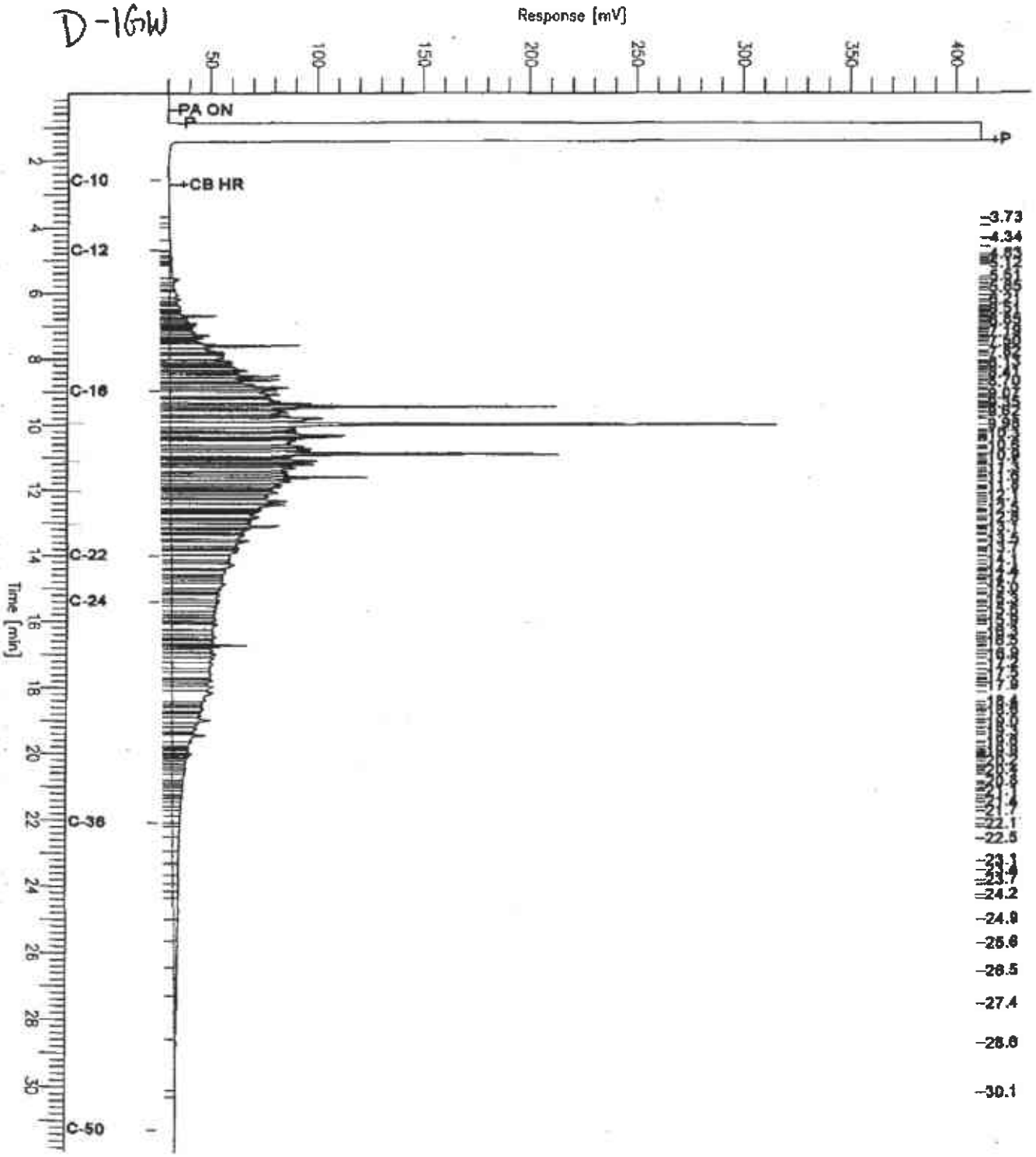
6.0

Chromatogram

Sample Name : 169394-005,86947
FileName : G:\GC17\CHA\350A010.RAW
Method : AIEH344.MTH
Start Time : 0.01 min End Time : 31.91 min
Scale Factor: 0.0 Plot Offset: 26 mV

Sample #: 86947 Page 1 of 1
Date : 12/16/03 05:53 PM
Time of Injection: 12/16/03 05:18 PM
Low Point : 26.20 mV High Point : 411.97 mV
Plot Scale: 385.8 mV

D-16W

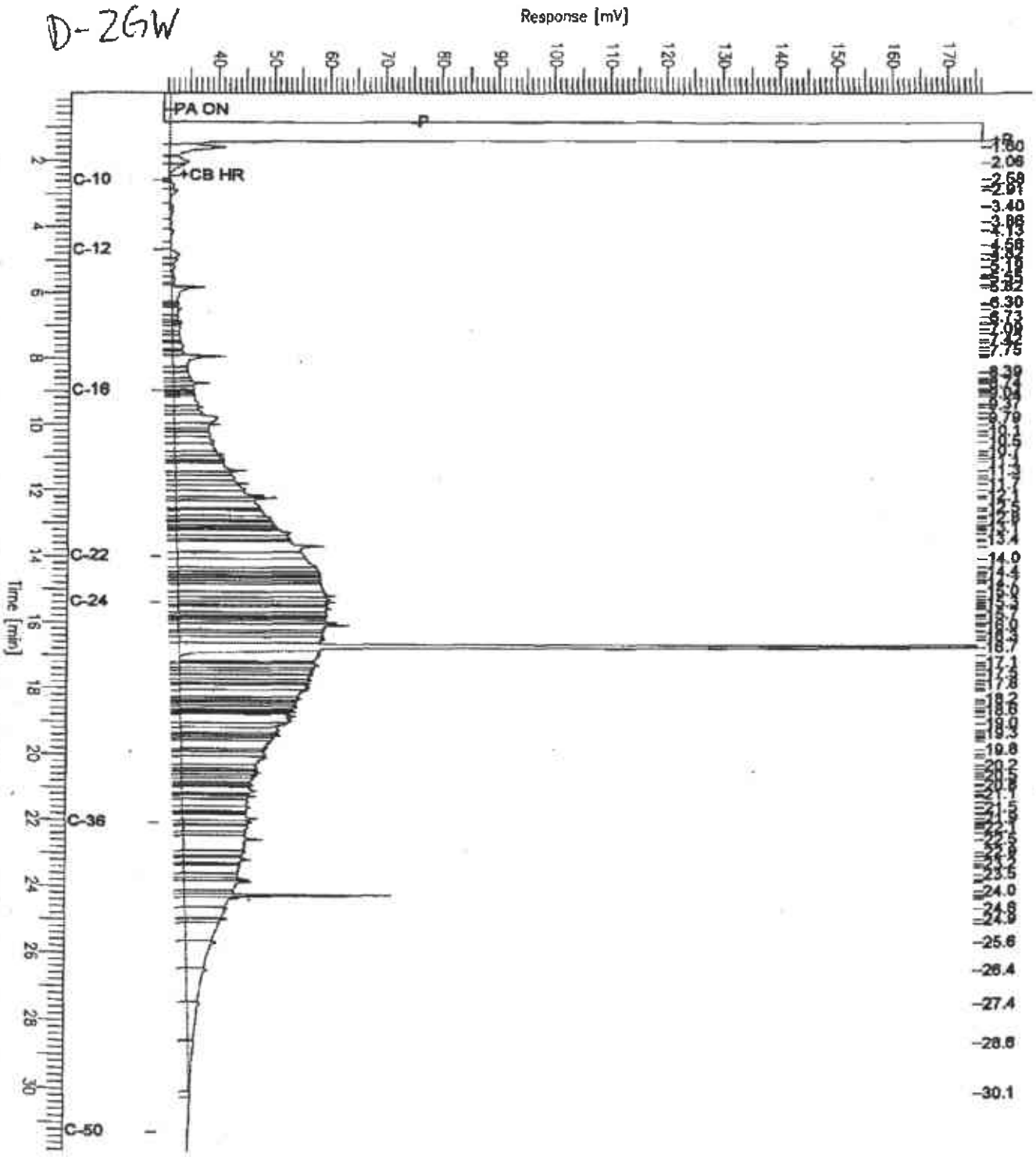


Chromatogram

Sample Name : 169394-006,86947
FileName : G:\GC17\CHA\350A009.RAW
Method : ATEH344.MTH
Start Time : 0.01 min End Time : 31.83 min
Scale Factor: 0.0 Plot Offset: 30 mV

Sample #: 86947 Page 1 of 1
Date : 12/16/03 05:42 PM
Time of Injection: 12/16/03 04:37 PM
Low Point : 30.10 mV High Point : 176.30 mV
Plot Scale: 146.2 mV

D-2GW

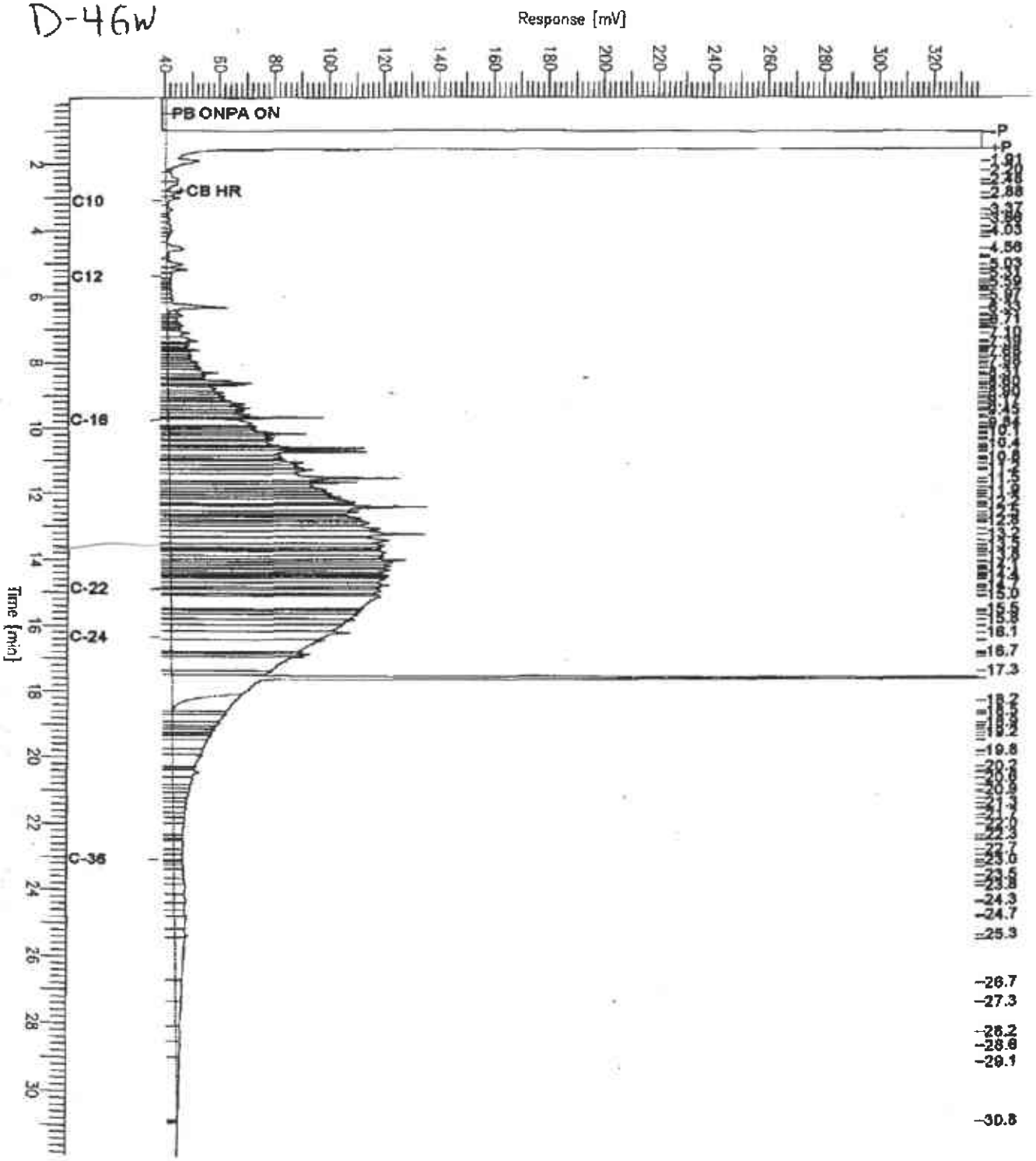


Chromatogram

Sample Name : 169394-007,86947
FileName : G:\GC15\CHB\350B006.RAW
Method : BTEH346.MTH
Start Time : 0.01 min End Time : 31.91 min
Scale Factor: 0.0 Plot Offset: 39 mV

Sample #: 86947 Page 1 of 1
Date : 12/16/03 05:39 PM
Time of Injection: 12/16/03 04:53 PM
Low Point : 38.95 mV High Point : 337.70 mV
Plot Scale: 298.7 mV

D-46W

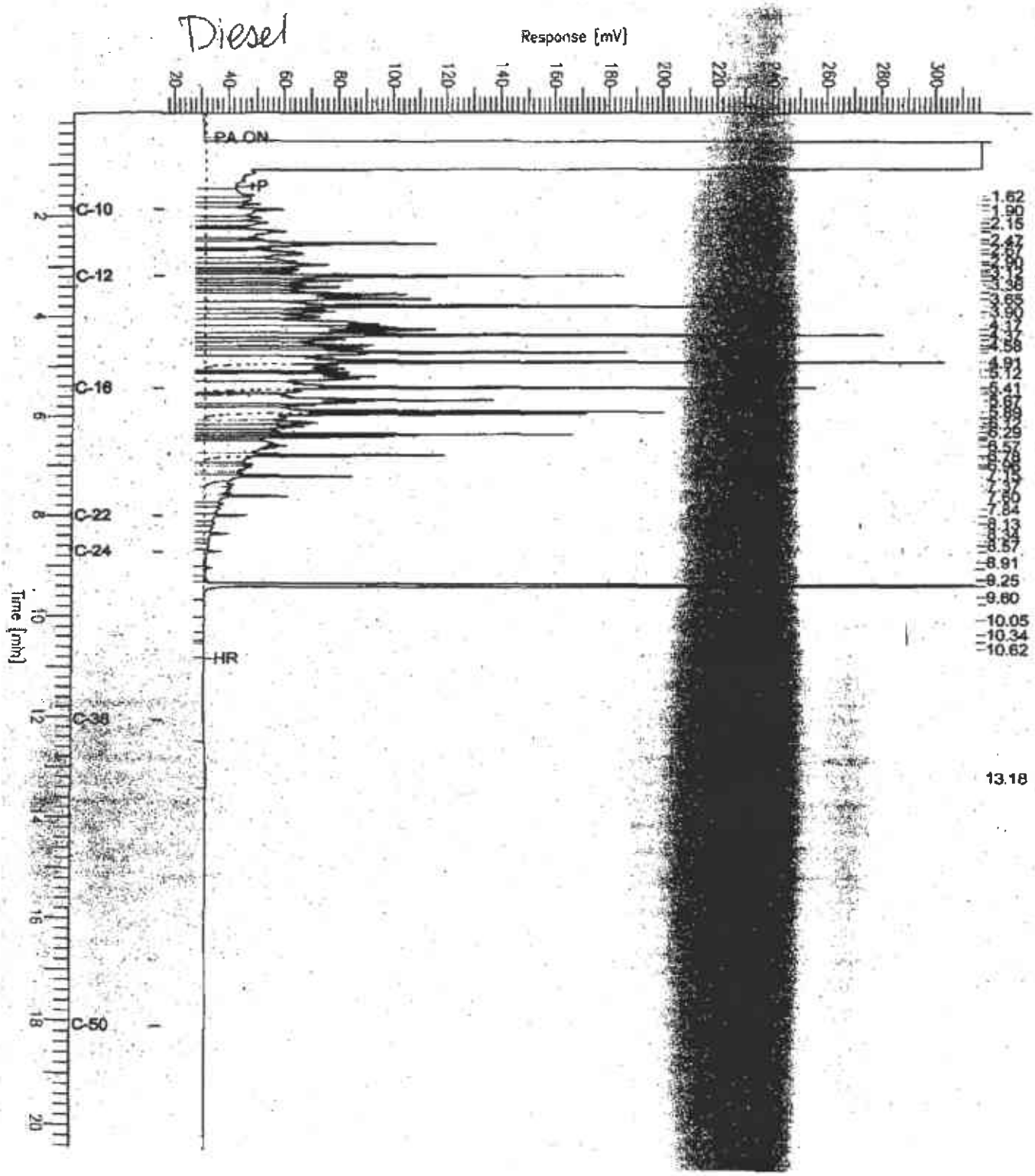


Chromatogram

Sample Name : ccv,03ws1851,da1
FileName : G:\GC11\CHA\349A002.RAW
Method : ATEH3498.MTH
Start Time : 0.01 min End Time : 20.45 min
Scale Factor: 0.0 Plot Offset: 16 mV

Sample #: 500ng/L
Date : 12/15/03 11:50 AM
Time of Injection: 12/15/03 11:23 AM
Low Point : 16.22 mV High Point : 317.10 mV
Plot Scale: 300.9 mV

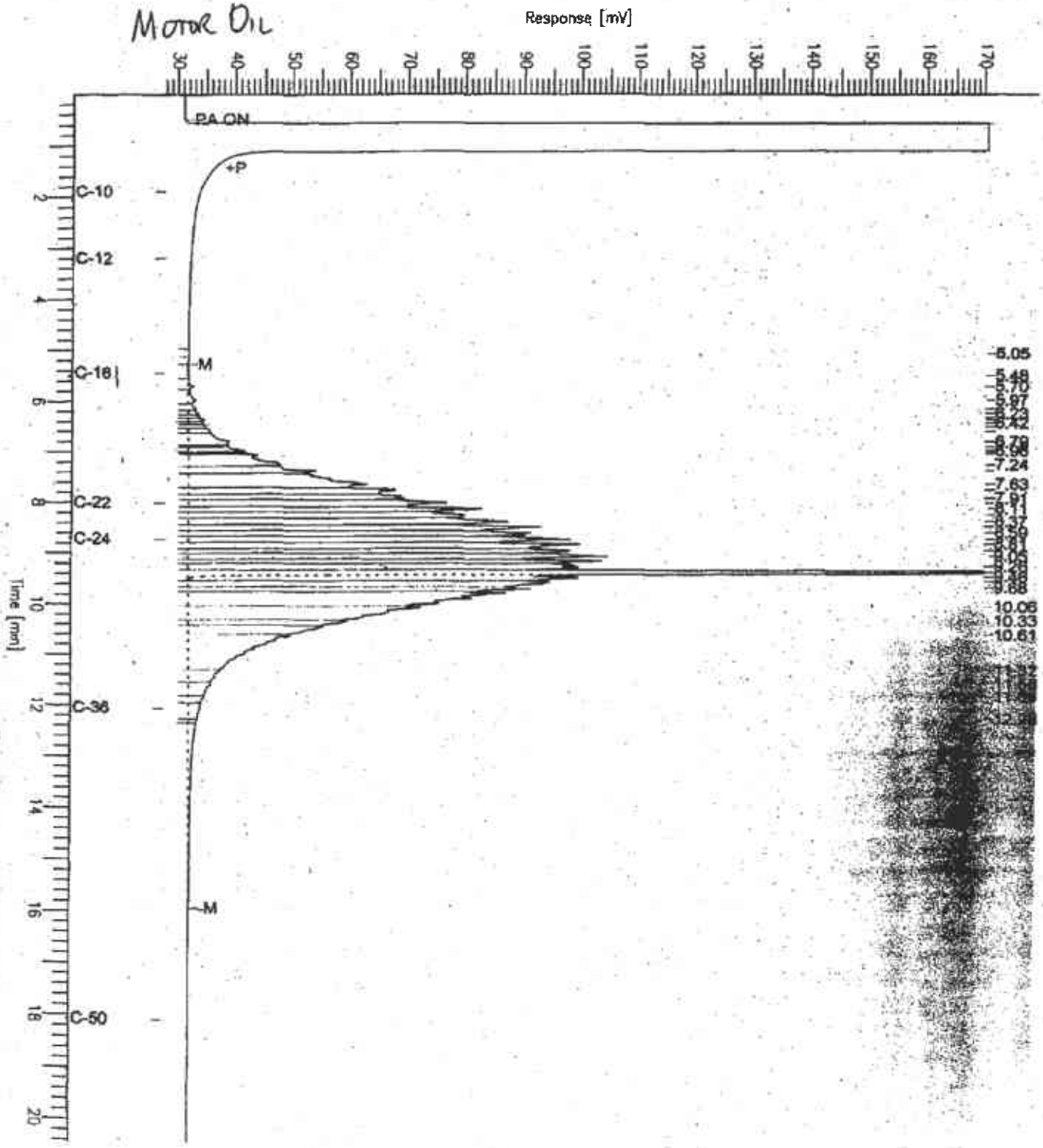
Diesel



Chromatogram

Sample Name : ccv,03wn2007,mo
FileName : G:\GC11\CHA\369A003.RAW
Method : ATEH349S.MTH
Start Time : 0.01 min End Time : 20.45 min
Scale Factor: 0.0 Plot Offset: 28 mV

Sample #: 500mg/L Page 1 of 1
Date : 12/15/03 12:28 PM
Time of Injection: 12/15/03 11:52 AM
Low Point : 27.91 mV High Point : 170.96 mV
Plot Scale: 142.6 mV



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Total Extractable Hydrocarbons

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	86947
Units:	ug/L	Prepared:	12/15/03
Diln Fac:	1.000	Analyzed:	12/16/03

Type: BS Lab ID: QC235214

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,019	81	38-137

Surrogate	%REC	Limits
Hexacosane	80	44-146

Type: BSD Lab ID: QC235215

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,026	81	38-137	0	35

Surrogate	%REC	Limits
Hexacosane	83	44-146

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd

Total Extractable Hydrocarbons

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	12/11/03
Units:	mg/Kg	Received:	12/11/03
Basis:	as received	Prepared:	12/16/03
Batch#:	86970		

Field ID: D-1S
Type: SAMPLE
Lab ID: 169394-001

Diln Fac: 50.00
Analyzed: 12/17/03

Analyte	Result	RL
Diesel C10-C24	11,000 H Y	50
Motor Oil C24-C36	3,700 L Y	250

Surrogate	%REC	Limits
Hexacosane	DO	36-141

Field ID: D-2S
Type: SAMPLE
Lab ID: 169394-002

Diln Fac: 5.000
Analyzed: 12/17/03

Analyte	Result	RL
Diesel C10-C24	40 H Y	5.0
Motor Oil C24-C36	310	25

Surrogate	%REC	Limits
Hexacosane	84	36-141

Field ID: D-3S
Type: SAMPLE
Lab ID: 169394-003

Diln Fac: 5.000
Analyzed: 12/17/03

Analyte	Result	RL
Diesel C10-C24	97 H Y	5.0
Motor Oil C24-C36	330	25

Surrogate	%REC	Limits
Hexacosane	81	36-141

Field ID: D-4S
Type: SAMPLE
Lab ID: 169394-004

Diln Fac: 20.00
Analyzed: 12/17/03

Analyte	Result	RL
Diesel C10-C24	3,800 H Y	20
Motor Oil C24-C36	3,000 L Y	100

Surrogate	%REC	Limits
Hexacosane	DO	36-141

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

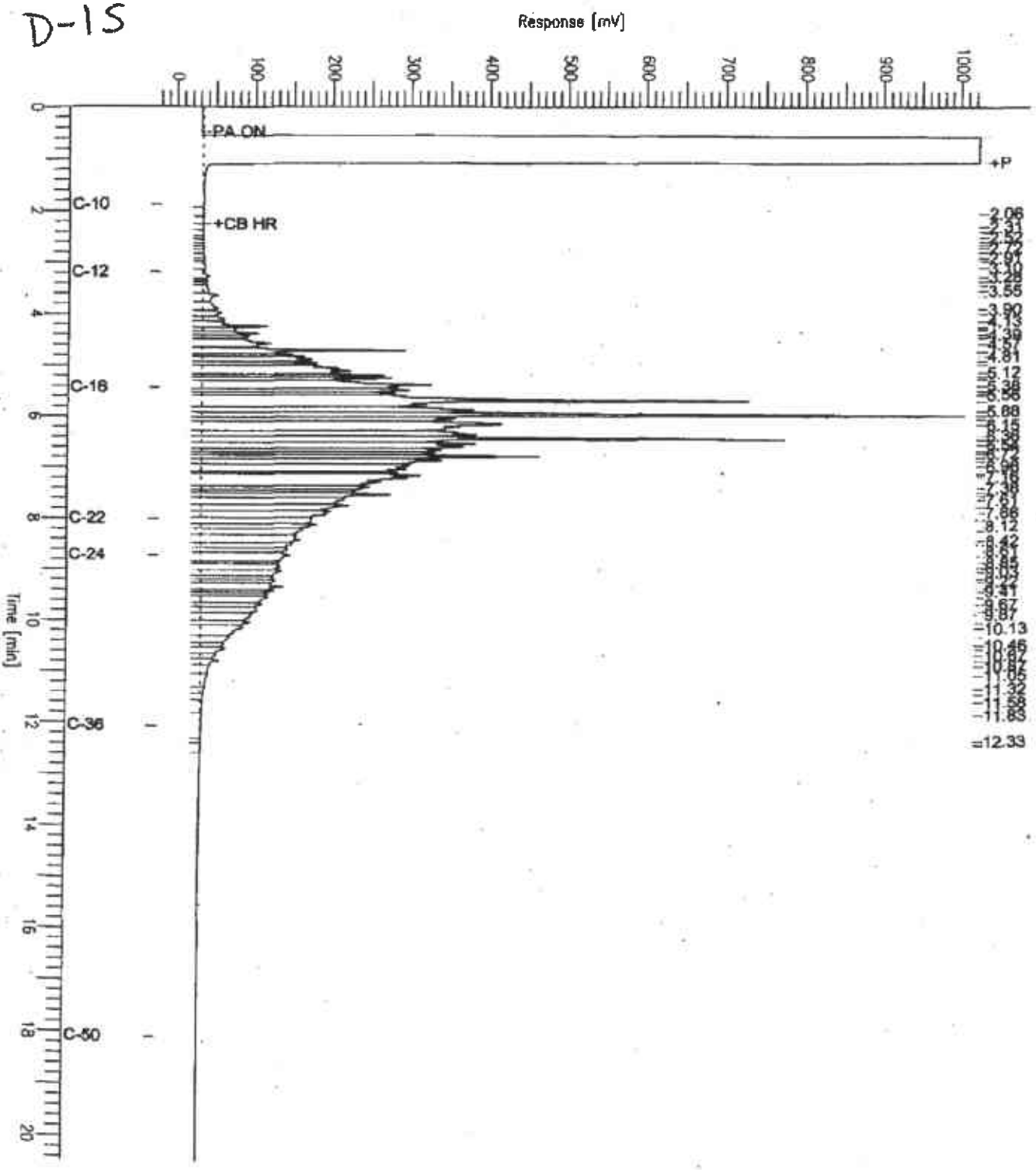
4.0

Chromatogram

Sample Name : 169394-001,85970
FileName : G:\GC11\CHA\349A092.RAW
Method : ATEH3508.MTH
Start Time : 0.00 min End Time : 20.46 min
Scale Factor: 0.0 Plot Offset: -21 mV

Sample #: 84970 Page 1 of 1
Date : 12/17/03 09:20 AM
Time of Injection: 12/17/03 06:24 AM
Low Point : -20.96 mV High Point : 1024.00 mV
Plot Scale: 1045.0 mV

D-15



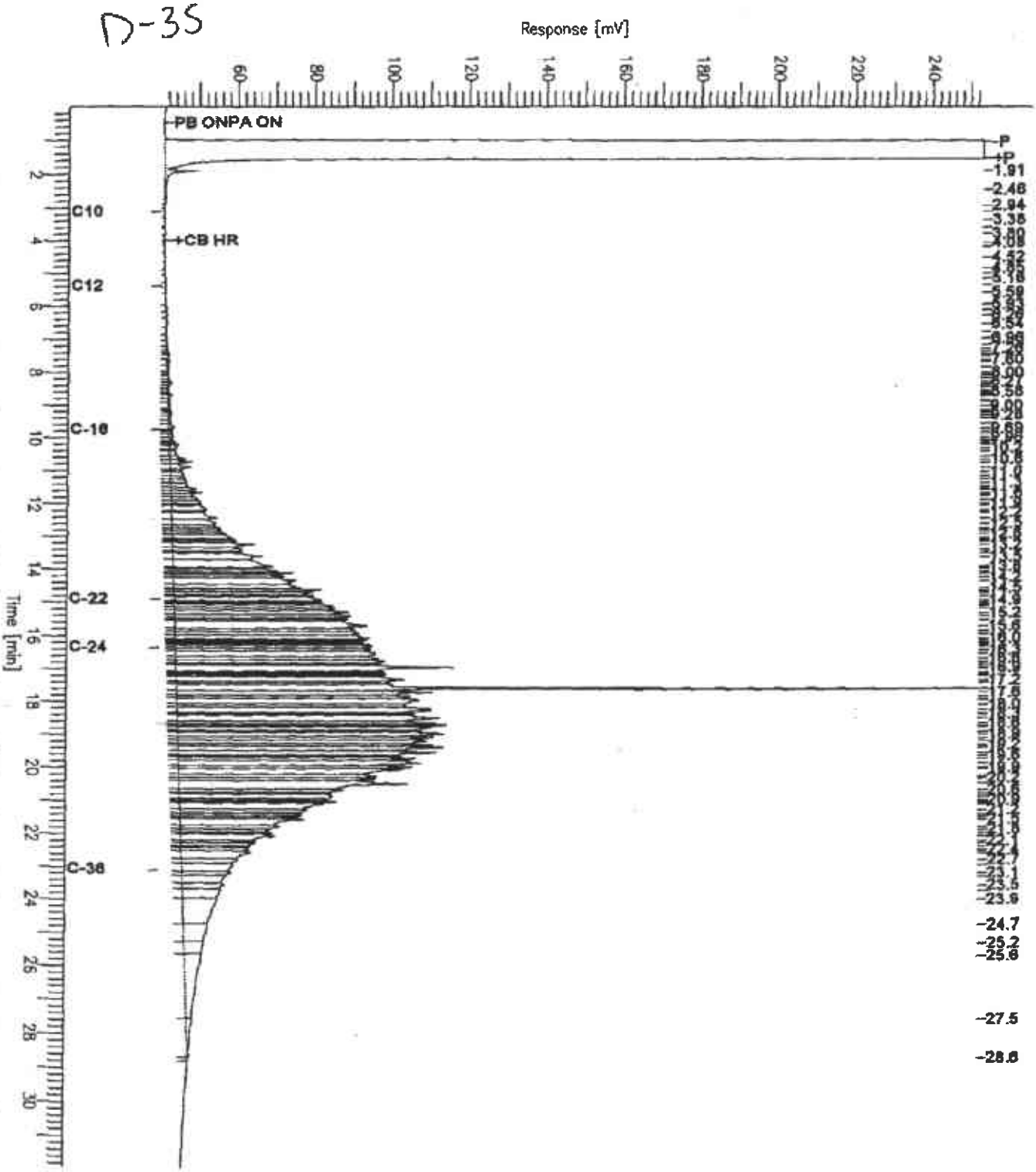
Chromatogram

Chromatogram

Sample Name : 169394-003,86970
FileName : G:\GC15\CHB\350B033.RAW
Method : BTEH346.MTH
Start Time : 0.01 min End Time : 31.91 min
Scale Factor: 0.0 Plot Offset: 40 mV

Sample #: 86970 Page 1 of 1
Date : 12/17/03 12:26 PM
Time of Injection: 12/17/03 11:49 AM
Low Point : 60.08 mV High Point : 253.32 mV
Plot Scale: 213.2 mV

D-35

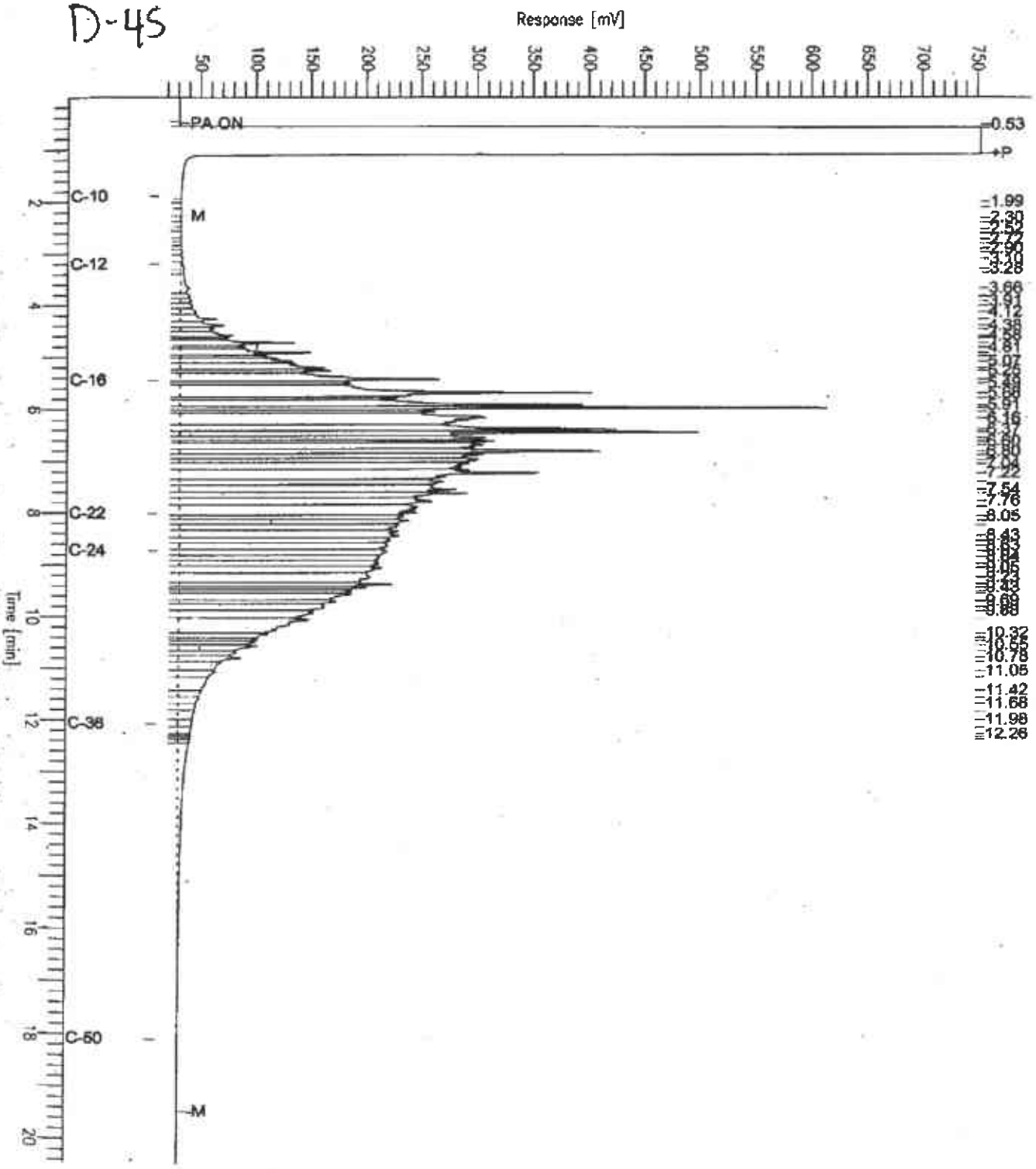


Chromatogram

Sample Name : 169394-004,86970
FileName : G:\GC11\CHA\349A090.RAW
Method : ATEH350S.MTH
Start Time : 0.01 min End Time : 20.45 min
Scale Factor: 0.0 Plot Offset: 12 mV

Sample #: 86970 Page 1 of 1
Date : 12/17/03 10:49 AM
Time of Injection: 12/17/03 10:14 AM
Low Point : 12.42 mV High Point : 753.31 mV
Plot Scale: 740.9 mV

D-45

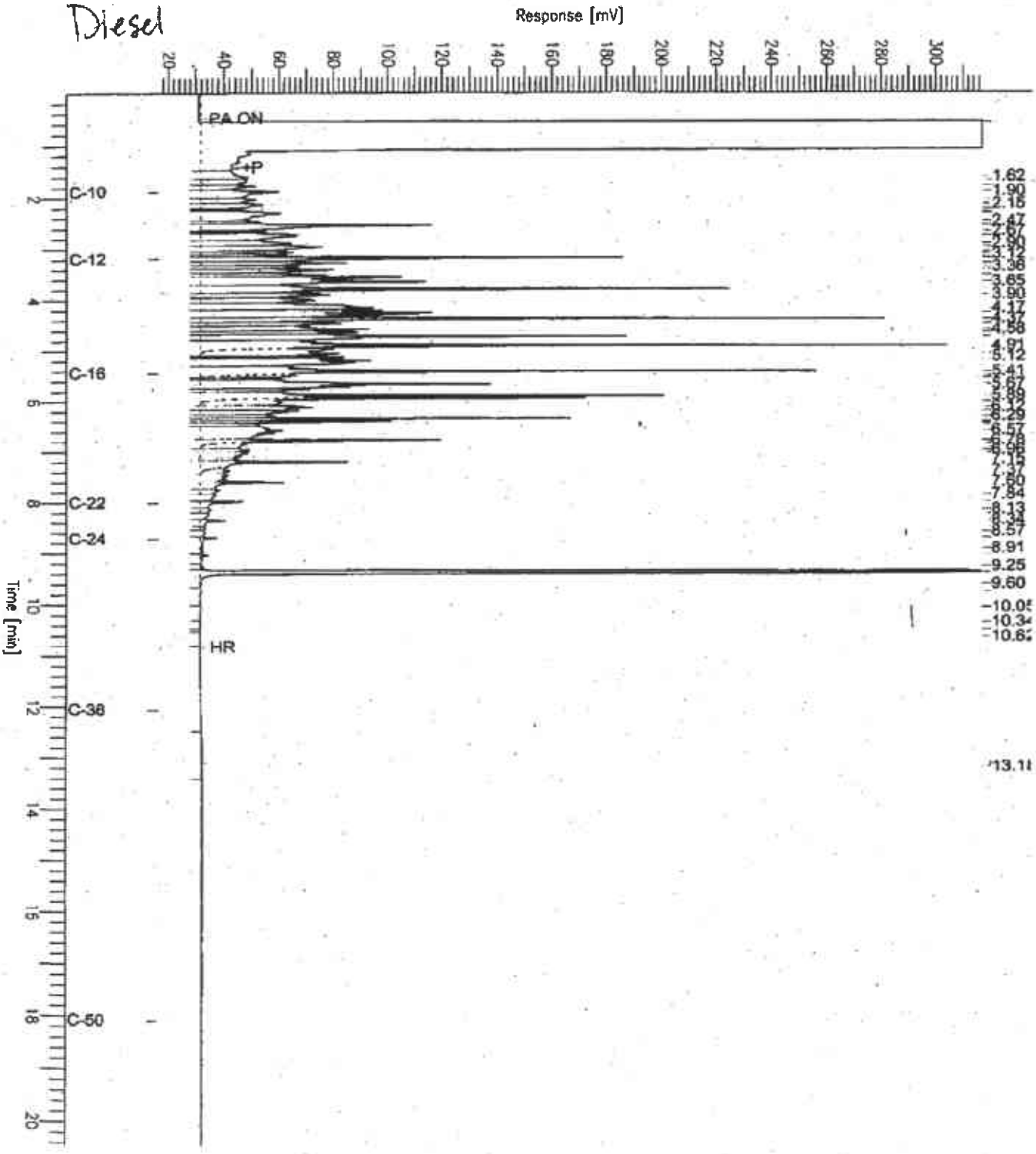


Chromatogram

Sample Name : ccv,03ws1851,dsl
FileName : G:\GC11\CHA\349A002.RAW
Method : ATEH3498.MTH
Start Time : 0.01 min End Time : 20.45 min
Scale Factor: 0.0 Plot Offset: 16 mV

Sample #: 500ng/L
Date : 12/15/03 11:50 AM
Time of Injection: 12/15/03 11:23 AM
Low Point : 16.22 mV High Point : 317.10 mV
Plot Scale: 300.9 mV

Diesel

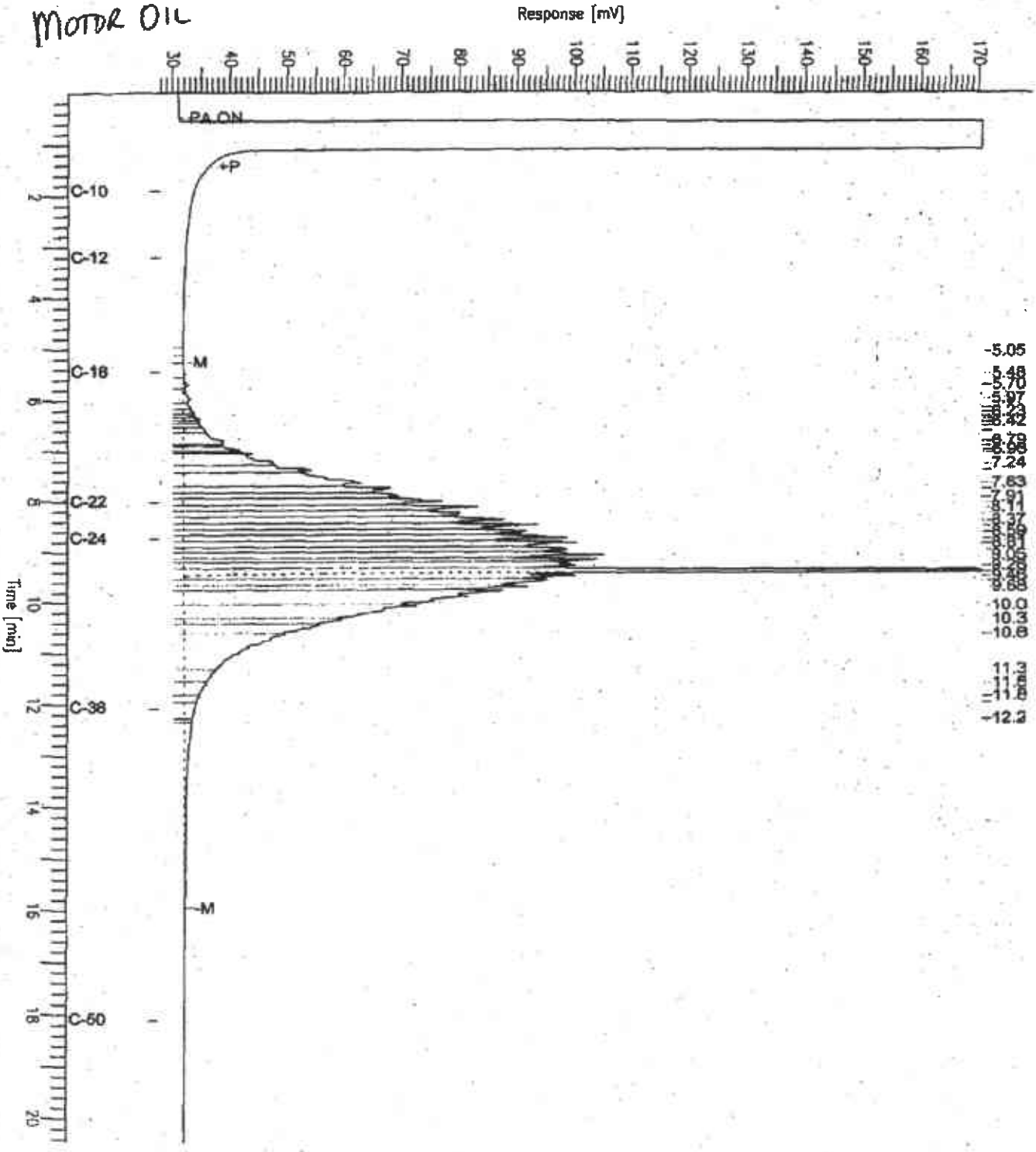


Chromatogram

Sample Name : ccv,03ms2007,md
FileName : G:\GC11\CHN\349A003.RAW
Method : MTEH3499.MTH
Start Time : 0.01 min End Time : 20.45 min
Scale Factor: 0.0 Plot Offset: 28 mV

Sample #: 500mg/L Page 1 of 1
Date : 12/15/03 12:28 PM
Time of Injection: 12/15/03 11:52 AM
Low Point : 27.91 mV High Point : 170.56 mV
Plot Scale: 142.6 mV

MOTOR OIL



Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	12/11/03
Units:	mg/Kg	Received:	12/11/03
Basis:	as received	Prepared:	12/16/03
Batch#:	86970		

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC235289	Analyzed:	12/16/03

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	98	36-141

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

4.0

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC235290	Batch#:	86970
Matrix:	Soil	Prepared:	12/16/03
Units:	mg/Kg	Analyzed:	12/17/03
Basis:	as received		

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.14	44.38	89	49-129

Surrogate	%REC	Limits
Hexacosane	92	36-141

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	86970
MSS Lab ID:	169408-008	Sampled:	12/11/03
Matrix:	Soil	Received:	12/11/03
Units:	mg/Kg	Prepared:	12/16/03
Basis:	as received	Analyzed:	12/17/03
Diln Fac:	1.000		

Type: MS Lab ID: QC235291

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	128.8	50.33	161.3	64	32-134

Surrogate	%REC	Limits
Hexacosane	80	36-141

Type: MSD Lab ID: QC235292

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.24	141.6	25 *	32-134	13	48

Surrogate	%REC	Limits
Hexacosane	78	36-141

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

11.0

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	D-1GW	Batch#:	86952
Lab ID:	169394-005	Sampled:	12/11/03
Matrix:	Water	Received:	12/11/03
Units:	ug/L	Prepared:	12/15/03
Diln Fac:	2.500	Analyzed:	12/19/03

Analyte	Result	RL
N-Nitrosodimethylamine	ND	31
Phenol	ND	31
bis(2-Chloroethyl)ether	ND	31
2-Chlorophenol	ND	31
1,3-Dichlorobenzene	ND	31
1,4-Dichlorobenzene	ND	31
Benzyl alcohol	ND	31
1,2-Dichlorobenzene	ND	31
2-Methylphenol	ND	31
bis(2-Chloroisopropyl) ether	ND	31
4-Methylphenol	ND	31
N-Nitroso-di-n-propylamine	ND	31
Hexachloroethane	ND	31
Nitrobenzene	ND	31
Isophorone	ND	31
2-Nitrophenol	ND	63
2,4-Dimethylphenol	ND	31
Benzoic acid	ND	160
bis(2-Chloroethoxy)methane	ND	31
2,4-Dichlorophenol	ND	31
1,2,4-Trichlorobenzene	ND	31
Naphthalene	ND	31
4-Chloroaniline	ND	31
Hexachlorobutadiene	ND	31
4-Chloro-3-methylphenol	ND	31
2-Methylnaphthalene	ND	31
Hexachlorocyclopentadiene	ND	160
2,4,6 Trichlorophenol	ND	31
2,4,5-Trichlorophenol	ND	31
2-Chloronaphthalene	ND	31
2-Nitroaniline	ND	63
Dimethylphthalate	ND	31
Acenaphthylene	ND	31
2,6-Dinitrotoluene	ND	31
3-Nitroaniline	ND	63
Acenaphthene	ND	31
2,4-Dinitrophenol	ND	160
4-Nitrophenol	ND	63
Dibenzofuran	ND	31
2,4-Dinitrotoluene	ND	31
Diethylphthalate	ND	31
Fluorene	ND	31
4-Chlorophenyl-phenylether	ND	31
4-Nitroaniline	ND	63
4,6-Dinitro-2-methylphenol	ND	160
N-Nitrosodiphenylamine	ND	31
Azobenzene	ND	31
4-Bromophenyl-phenylether	ND	31
Hexachlorobenzene	ND	31
Pentachlorophenol	ND	63
Phenanthrene	ND	31
Anthracene	ND	31
Di-n-butylphthalate	ND	31
Fluoranthene	ND	31

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

12.0

Curtis & Tompkins, Ltd

Semivolatile Organics by GC/MS

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	D-1GW	Batch#:	86952
Lab ID:	169394-005	Sampled:	12/11/03
Matrix:	Water	Received:	12/11/03
Units:	ug/L	Prepared:	12/15/03
Diln Fac:	2.500	Analyzed:	12/19/03

Analyte	Result	RL
Pyrene	ND	31
Butylbenzylphthalate	ND	31
3,3'-Dichlorobenzidine	ND	63
Benzo(a)anthracene	ND	31
Chrysene	ND	31
bis(2-Ethylhexyl)phthalate	ND	31
Di-n-octylphthalate	ND	31
Benzo(b)fluoranthene	ND	31
Benzo(k)fluoranthene	ND	31
Benzo(a)pyrene	ND	31
Indeno(1,2,3-cd)pyrene	ND	31
Dibenz(a,h)anthracene	ND	31
Benzo(g,h,i)perylene	ND	31

Surrogate	%REC	Limits
2-Fluorophenol	75	27-120
Phenol-d5	71	26-120
2,4,6-Tribromophenol	25	23-126
Nitrobenzene-d5	67	37-120
2-Fluorobiphenyl	11 *	35-120
Terphenyl-d14	6 *	20-129

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd

Semivolatile Organics by GC/MS

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC235222	Batch#:	86952
Matrix:	Water	Prepared:	12/15/03
Units:	ug/L	Analyzed:	12/16/03

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	50
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	50
4-Nitrophenol	ND	20

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC235222	Batch#:	86952
Matrix:	Water	Prepared:	12/15/03
Units:	ug/L	Analyzed:	12/16/03

Analyte	Result	RL
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	50
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	91	27-120
Phenol-d5	87	26-120
2,4,6-Tribromophenol	88	23-126
Nitrobenzene-d5	83	37-120
2-Fluorobiphenyl	95	35-120
Terphenyl-d14	77	20-129

ND= Not Detected
RL= Reporting Limit

13.0

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8270C
Matrix:	Water	Batch#:	86952
Units:	ug/L	Prepared:	12/15/03
Diln Fac:	1.000	Analyzed:	12/16/03

Type: BS Lab ID: QC235223

Analyte	Spiked	Result	%REC	Limits
Phenol	100.0	71.09	71	44-120
2-Chlorophenol	100.0	75.92	76	44-120
1,4-Dichlorobenzene	50.00	30.18	60	40-120
N-Nitroso-di-n-propylamine	50.00	31.21	62	43-120
1,2,4-Trichlorobenzene	50.00	32.69	65	42-120
4-Chloro-3-methylphenol	100.0	70.20	70	46-120
Acenaphthene	50.00	38.21	76	43-120
4-Nitrophenol	100.0	69.79	70	33-137
2,4-Dinitrotoluene	50.00	35.51	71	45-120
Pentachlorophenol	100.0	72.12	72	32-122
Pyrene	50.00	36.10	72	37-120

Surrogate	%REC	Limits
2-Fluorophenol	81	27-120
Phenol-d5	76	26-120
2,4,6-Tribromophenol	76	23-126
Nitrobenzene-d5	69	37-120
2-Fluorobiphenyl	83	35-120
Terphenyl-d14	64	20-129

Type: BSD Lab ID: QC235224

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	100.0	89.19	89	44-120	23	30
2-Chlorophenol	100.0	89.79	90	44-120	17	30
1,4-Dichlorobenzene	50.00	36.13	72	40-120	18	23
N-Nitroso-di-n-propylamine	50.00	38.26	77	43-120	20	29
1,2,4-Trichlorobenzene	50.00	37.34	75	42-120	13	23
4-Chloro-3-methylphenol	100.0	85.52	86	46-120	20	29
Acenaphthene	50.00	44.29	89	43-120	15	29
4-Nitrophenol	100.0	84.47	84	33-137	19	29
2,4-Dinitrotoluene	50.00	43.72	87	45-120	21	26
Pentachlorophenol	100.0	83.32	83	32-122	14	29
Pyrene	50.00	42.14	84	37-120	15	29

Surrogate	%REC	Limits
2-Fluorophenol	99	27-120
Phenol-d5	92	26-120
2,4,6-Tribromophenol	91	23-126
Nitrobenzene-d5	82	37-120
2-Fluorobiphenyl	100	35-120
Terphenyl-d14	79	20-129

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	D-18	Batch#:	86945
Lab ID:	169394-001	Sampled:	12/11/03
Matrix:	Soil	Received:	12/11/03
Units:	ug/Kg	Prepared:	12/15/03
Basis:	as received	Analyzed:	12/19/03
Diln Fac:	20.00		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	6,700
Phenol	ND	6,700
bis(2-Chloroethyl)ether	ND	6,700
2-Chlorophenol	ND	6,700
1,3-Dichlorobenzene	ND	6,700
1,4-Dichlorobenzene	ND	6,700
Benzyl alcohol	ND	6,700
1,2-Dichlorobenzene	ND	6,700
2-Methylphenol	ND	6,700
bis(2-Chloroisopropyl) ether	ND	6,700
4-Methylphenol	ND	6,700
N-Nitroso-di-n-propylamine	ND	6,700
Hexachloroethane	ND	6,700
Nitrobenzene	ND	6,700
Isophorone	ND	6,700
2-Nitrophenol	ND	13,000
2,4-Dimethylphenol	ND	6,700
Benzoic acid	ND	33,000
bis(2-Chloroethoxy)methane	ND	6,700
2,4-Dichlorophenol	ND	6,700
1,2,4-Trichlorobenzene	ND	6,700
Naphthalene	ND	1,300
4-Chloroaniline	ND	6,700
Hexachlorobutadiene	ND	6,700
4-Chloro-3-methylphenol	ND	6,700
2-Methylnaphthalene	ND	1,300
Hexachlorocyclopentadiene	ND	33,000
2,4,6-Trichlorophenol	ND	6,700
2,4,5-Trichlorophenol	ND	6,700
2-Chloronaphthalene	ND	6,700
2-Nitroaniline	ND	13,000
Dimethylphthalate	ND	6,700
Acenaphthylene	ND	1,300
2,6-Dinitrotoluene	ND	6,700
3-Nitroaniline	ND	13,000
Acenaphthene	ND	1,300
2,4-Dinitrophenol	ND	33,000
4-Nitrophenol	ND	13,000
Dibenzofuran	ND	6,700
2,4-Dinitrotoluene	ND	6,700
Diethylphthalate	ND	6,700
Fluorene	ND	1,300
4-Chlorophenyl-phenylether	ND	6,700
4-Nitroaniline	ND	13,000
4,6-Dinitro-2-methylphenol	ND	33,000
N-Nitrosodiphenylamine	ND	6,700
Azobenzene	ND	6,700
4-Bromophenyl-phenylether	ND	6,700
Hexachlorobenzene	ND	6,700
Pentachlorophenol	ND	13,000
Phenanthrene	1,500	1,300
Anthracene	ND	1,300
Di-n-butylphthalate	ND	6,700

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

15.0

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	D-1S	Batch#:	86945
Lab ID:	169394-001	Sampled:	12/11/03
Matrix:	Soil	Received:	12/11/03
Units:	ug/Kg	Prepared:	12/15/03
Basis:	as received	Analyzed:	12/19/03
Diln Fac:	20.00		

Analyte	Result	RL
Fluoranthene	ND	1,300
Pyrene	ND	1,300
Butylbenzylphthalate	ND	6,700
3,3'-Dichlorobenzidine	ND	13,000
Benzo(a)anthracene	ND	1,300
Chrysene	ND	1,300
bis(2-Ethylhexyl)phthalate	ND	6,700
Di-n-octylphthalate	ND	6,700
Benzo(b)fluoranthene	ND	1,300
Benzo(k)fluoranthene	ND	1,300
Benzo(a)pyrene	ND	1,300
Indeno(1,2,3-cd)pyrene	ND	1,300
Dibenz(a,h)anthracene	ND	1,300
Benzo(g,h,i)perylene	ND	1,300

Surrogate	%REC	Limits
2-Fluorophenol	DO	28-120
Phenol-d5	DO	26-120
2,4,6-Tribromophenol	DO	30-120
Nitrobenzene-d5	DO	27-120
2-Fluorobiphenyl	DO	33-121
Terphenyl-d14	DO	20-125

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC235206	Batch#:	86945
Matrix:	Soil	Prepared:	12/15/03
Units:	ug/Kg	Analyzed:	12/16/03
Basis:	as received		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	670
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	67
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	67
Hexachlorocyclopentadiene	ND	1,700
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	670
Dimethylphthalate	ND	330
Acenaphthylene	ND	67
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	670
Acenaphthene	ND	67
2,4-Dinitrophenol	ND	1,700
4-Nitrophenol	ND	670
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	67
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	670
4,6-Dinitro-2-methylphenol	ND	1,700
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	670
Phenanthrene	ND	67
Anthracene	ND	67
Di-n-butylphthalate	ND	330
Fluoranthene	ND	67
Pyrene	ND	67

ND= Not Detected
RL= Reporting Limit

16.0

Curtis & Tompkins, Ltd

Semivolatile Organics by GC/MS

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC235206	Batch#:	86945
Matrix:	Soil	Prepared:	12/15/03
Units:	ug/Kg	Analyzed:	12/16/03
Basis:	as received		

Analyte	Result	RL
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	670
Benzo(a)anthracene	ND	67
Chrysene	ND	67
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	67
Benzo(k)fluoranthene	ND	67
Benzo(a)pyrene	ND	67
Indeno(1,2,3-cd)pyrene	ND	67
Dibenz(a,h)anthracene	ND	67
Benzo(g,h,i)perylene	ND	67

Surrogate	%REC	Limits
2-Fluorophenol	84	28-120
Phenol-d5	79	26-120
2,4,6-Tribromophenol	80	30-120
Nitrobenzene-d5	89	27-120
2-Fluorobiphenyl	94	33-121
Terphenyl-d14	70	20-125

ND= Not Detected
RL= Reporting Limit

16.0

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC235207	Batch#:	86945
Matrix:	Soil	Prepared:	12/15/03
Units:	ug/Kg	Analyzed:	12/16/03
Basis:	as received		

Analyte	Spiked	Result	%REC	Limits
Phenol	3,347	2,468	74	34-121
2-Chlorophenol	3,347	2,749	82	37-120
1,4-Dichlorobenzene	1,673	1,465	88	36-120
N-Nitroso-di-n-propylamine	1,673	1,395	83	33-120
1,2,4-Trichlorobenzene	1,673	1,379	82	36-120
4-Chloro-3-methylphenol	3,347	2,588	77	38-124
Acenaphthene	1,673	1,424	85	38-120
4-Nitrophenol	3,347	3,486	104	19-140
2,4-Dinitrotoluene	1,673	1,293	77	35-120
Pentachlorophenol	3,347	2,352	70	19-122
Pyrene	1,673	1,151	69	33-120

Surrogate	%REC	Limits
2-Fluorophenol	82	28-120
Phenol-d5	78	26-120
2,4,6-Tribromophenol	94	30-120
Nitrobenzene-d5	84	27-120
2-Fluorobiphenyl	95	33-121
Terphenyl-d14	65	20-125

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3550
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	ZZZZZZZZZZ	Batch#:	86945
MSS Lab ID:	169372-028	Sampled:	12/10/03
Matrix:	Soil	Received:	12/11/03
Units:	ug/Kg	Prepared:	12/15/03
Basis:	as received	Analyzed:	12/16/03
Diln Fac:	1.000		

Type: MS Lab ID: QC235208

Analyte	MSS Result	Spiked	Result	%REC	Limits
Phenol	<28.00	3,322	2,041	61	33-120
2-Chlorophenol	<22.00	3,322	2,178	66	34-120
1,4-Dichlorobenzene	<26.00	1,661	1,148	69	24-120
N-Nitroso-di-n-propylamine	<20.00	1,661	1,107	67	25-121
1,2,4-Trichlorobenzene	<22.00	1,661	1,056	64	27-120
4-Chloro-3-methylphenol	<35.00	3,322	2,057	62	29-122
Acenaphthene	<14.00	1,661	1,115	67	20-126
4-Nitrophenol	<36.00	3,322	2,785	84	31-143
2,4-Dinitrotoluene	<22.00	1,661	1,020	61	18-120
Pentachlorophenol	<47.00	3,322	1,527	46	21-122
Pyrene	<11.00	1,661	878.9	53	31-142

Surrogate	%REC	Limits
2-Fluorophenol	68	28-120
Phenol-d5	65	26-120
2,4,6-Tribromophenol	75	30-120
Nitrobenzene-d5	69	27-120
2-Fluorobiphenyl	77	33-121
Terphenyl-d14	52	20-125

Type: MSD Lab ID: QC235209

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	3,320	2,326	70	33-120	13	38
2-Chlorophenol	3,320	2,527	76	34-120	15	32
1,4-Dichlorobenzene	1,660	1,346	81	24-120	16	38
N-Nitroso-di-n-propylamine	1,660	1,293	78	25-121	16	35
1,2,4-Trichlorobenzene	1,660	1,261	76	27-120	18	35
4-Chloro-3-methylphenol	3,320	2,391	72	29-122	15	38
Acenaphthene	1,660	1,293	78	20-126	15	35
4-Nitrophenol	3,320	3,277	99	31-143	16	41
2,4-Dinitrotoluene	1,660	1,184	71	18-120	15	45
Pentachlorophenol	3,320	1,717	52	21-122	12	39
Pyrene	1,660	1,032	62	31-142	16	42

Surrogate	%REC	Limits
2-Fluorophenol	78	28-120
Phenol-d5	75	26-120
2,4,6-Tribromophenol	88	30-120
Nitrobenzene-d5	80	27-120
2-Fluorobiphenyl	89	33-121
Terphenyl-d14	60	20-125

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Lead

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Sampled:	12/11/03
Matrix:	Filtrate	Received:	12/11/03
Units:	ug/L	Prepared:	12/17/03
Diln Fac:	1.000	Analyzed:	12/17/03
Batch#:	86996		

Field ID	Type	Lab ID	Result	RL
D-1GW	SAMPLE	169394-005	4.2	3.0
D-2GW	SAMPLE	169394-006	ND	3.0
D-4GW	SAMPLE	169394-007	ND	3.0
	BLANK	QC235399	ND	3.0

ND= Not Detected
RL= Reporting Limit

1.0

Curtis & Tompkins, Ltd

Lead

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	86996
Matrix:	Filtrate	Prepared:	12/17/03
Units:	ug/L	Analyzed:	12/17/03
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC235400	100.0	106.0	106	68-123		
BSD	QC235401	100.0	116.0	116	68-123	9	27

RPD= Relative Percent Difference

2.6

Curtis & Tompkins, Ltd.

Lead

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	86996
Field ID:	ZZZZZZZZZZ	Sampled:	12/10/03
MSS Lab ID:	169370-002	Received:	12/11/03
Matrix:	Filtrate	Prepared:	12/17/03
Units:	ug/L	Analyzed:	12/17/03
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC235402	2.020	100.0	98.10	96	33-145		
MSD	QC235403		100.0	90.10	88	33-145	9	43

RPD= Relative Percent Difference

3.0

Curtis & Tompkins, Ltd.

Lead

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	86994
Matrix:	Soil	Sampled:	12/11/03
Units:	mg/Kg	Received:	12/11/03
Basis:	as received	Prepared:	12/16/03
Diln Fac:	1.000	Analyzed:	12/17/03

Field ID	Type	Lab ID	Result	RL
D-1S	SAMPLE	169394-001	67	0.13
D-2S	SAMPLE	169394-002	120	0.16
D-3S	SAMPLE	169394-003	88	0.16
D-4S	SAMPLE	169394-004	80	0.15
	BLANK	QC235387	ND	0.15

ND= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.

Lead

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Matrix:	Soil	Batch#:	86994
Units:	mg/Kg	Prepared:	12/16/03
Basis:	as received	Analyzed:	12/17/03

Type	Lab ID	Spk Amt	Result	%REC	Limits	RPD	Lim
BS	QC235388	100.0	94.00	94	71-120		
BSD	QC235389	100.0	92.50	93	71-120	2	20

RPD= Relative Percent Difference

9.0

Curtis & Tompkins, Ltd.

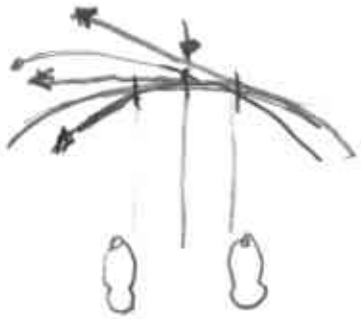
Lead

Lab #:	169394	Location:	Santanna
Client:	RMT, Inc.	Prep:	EPA 3050
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	86994
MSS Lab ID:	169369-003	Sampled:	12/08/03
Matrix:	Soil	Received:	12/11/03
Units:	mg/Kg	Prepared:	12/16/03
Basis:	as received	Analyzed:	12/17/03

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC235390	1.312	95.24	80.00	83	23-137		
MSD	QC235391		100.0	86.50	85	23-137	3	40

RPD= Relative Percent Difference

10.0



7/19/02 16 cy CWM Kettleman City CA
7/29/03 22 ECDC Env. Cell East Carbon UT