Geomatrix

APPENDIX A

Transformer A Area Analytical Results

Analytical Resources, Incorporated
Analytical Chemists and Consultants

May 1, 2006

Larry McGaughey
Geomatrix
600 University Suite 1020
Seattle, WA 98101

RE: Project No: Former Rhone Poulenc / 8769
ARI Job No: JH44

Dear Larry:

Please find enclosed the original chain of custody documentation (COC) and the final results for the project referenced above. Analytical Resources Inc. (ARI) accepted six soil samples on April 28, 2006. ARI received the samples intact and there were no discrepancies in the paperwork.

The laboratory analyzed the samples for PCBs and NWTPH-HCID, as requested on the COC. Several samples contained DRO (diesel range organics) that do not match any ARI standard patterns.

No analytical complications were noted. Quality control analysis results are included for your review.

A copy of these reports and all associated raw data will remain on file electronically with ARI. If you have any questions or require additional information, please feel free to contact me at your convenience.

Sincerely,
ANALYTICAL RESOURCES, INC.

Stephanie Lucas

Stephanie Lucas
Project Manager
(206) 695-6213
steph@arilabs.com

Enclosures

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: J444	Turn-around Requested: 1-day
ARI Client Company: Geomatrix	Phone: 206-342-1760
Client Contact: Larry McGaughy	
Client Project Name: Former Rhone Poulenc	
Client Project #: 8769	Samplers: Dwight Smith

Page: 1 of 1

Date: 4-28-06 | Ice Present? Y

No. of Coolers: 1 | Cooler Temps: 3.5

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	PCBs	TPH-HCID							Notes/Comments
RP1-042806	4-28-06	0800	S	1	X	X							
RP2-042806		0833			X	X							
RP3-042806		0837			X	X							
RP4-042806		0846			X	X							
RP5-042806		0852			X	X							
RP6-042806		0902			X	X							

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Dwight Smith	(Signature) Bob Congleton	(Signature)	(Signature)
	Printed Name: Dwight Smith	Printed Name: BOB CONGLETON	Printed Name:	Printed Name:
	Company: Geomatrix	Company: ARI	Company:	Company:
	Date & Time: 4/28/06 946	Date & Time: 4/28/06 945	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082

Sample ID: RP1-042806
SAMPLE

Lab Sample ID: JH44A
LIMS ID: 06-7044
Matrix: Soil
Data Release Authorized:
Reported: 05/01/06

QC Report No: JH44-Geomatrix
Project: Former Rhone Poulanc 8769
Date Sampled: 04/28/06
Date Received: 04/28/06

Date Extracted: 04/28/06
Date Analyzed: 05/01/06 01:19
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 12.5 g-dry-wt
Final Extract Volume: 4.0 mL
Dilution Factor: 1.00
Silica Gel: Yes
pH: 7.2
Percent Moisture: 14.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	32	< 32 U
53469-21-9	Aroclor 1242	32	< 32 U
12672-29-6	Aroclor 1248	32	< 32 U
11097-69-1	**Aroclor 1254**	**32**	**34**
11096-82-5	**Aroclor 1260**	**32**	**25 J**
11104-28-2	Aroclor 1221	32	< 32 U
11141-16-5	Aroclor 1232	32	< 32 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	109%
Tetrachlorometaxylene	69.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082

Sample ID: RP2-042806
SAMPLE

Lab Sample ID: JH44B
LIMS ID: 06-7045
Matrix: Soil
Data Release Authorized:
Reported: 05/01/06

QC Report No: JH44-Geomatrix
Project: Former Rhone Poulanc 8769
Date Sampled: 04/28/06
Date Received: 04/28/06

Date Extracted: 04/28/06
Date Analyzed: 05/01/06 01:37
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 2.68 g-dry-wt
Final Extract Volume: 4.0 mL
Dilution Factor: 1.00
Silica Gel: Yes
pH: 6.7
Percent Moisture: 33.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	150	< 150 U
53469-21-9	Aroclor 1242	150	< 150 U
12672-29-6	Aroclor 1248	150	< 150 U
11097-69-1	**Aroclor 1254**	**150**	**650**
11096-82-5	Aroclor 1260	220	< 220 Y
11104-28-2	Aroclor 1221	150	< 150 U
11141-16-5	Aroclor 1232	150	< 150 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	79.2%
Tetrachlorometaxylene	60.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082

Sample ID: RP3-042806
SAMPLE

Lab Sample ID: JH44C
LIMS ID: 06-7046
Matrix: Soil
Data Release Authorized:
Reported: 05/01/06

QC Report No: JH44-Geomatrix
Project: Former Rhone Poulanc 8769
Date Sampled: 04/28/06
Date Received: 04/28/06

Date Extracted: 04/28/06
Date Analyzed: 05/01/06 01:55
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 13.6 g-dry-wt
Final Extract Volume: 4.0 mL
Dilution Factor: 1.00
Silica Gel: Yes
pH: 6.6
Percent Moisture: 24.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	30	< 30 U
53469-21-9	Aroclor 1242	30	< 30 U
12672-29-6	Aroclor 1248	30	< 30 U
11097-69-1	**Aroclor 1254**	**30**	**96**
11096-82-5	Aroclor 1260	59	< 59 Y
11104-28-2	Aroclor 1221	30	< 30 U
11141-16-5	Aroclor 1232	30	< 30 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	79.0%
Tetrachlorometaxylene	43.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082

Sample ID: RP4-042806
SAMPLE

Lab Sample ID: JH44D
LIMS ID: 06-7047
Matrix: Soil
Data Release Authorized:
Reported: 05/01/06

QC Report No: JH44-Geomatrix
Project: Former Rhone Poulanc 8769
Date Sampled: 04/28/06
Date Received: 04/28/06

Date Extracted: 04/28/06
Date Analyzed: 05/01/06 02:13
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 13.5 g-dry-wt
Final Extract Volume: 4.0 mL
Dilution Factor: 1.00
Silica Gel: Yes
pH: 6.8
Percent Moisture: 20.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	30	< 30 U
53469-21-9	Aroclor 1242	30	< 30 U
12672-29-6	Aroclor 1248	30	< 30 U
11097-69-1	**Aroclor 1254**	**30**	**81**
11096-82-5	Aroclor 1260	30	< 30 U
11104-28-2	Aroclor 1221	30	< 30 U
11141-16-5	Aroclor 1232	30	< 30 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	69.8%
Tetrachlorometaxylene	56.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082

Sample ID: RP5-042806
SAMPLE

Lab Sample ID: JH44E
LIMS ID: 06-7048
Matrix: Soil
Data Release Authorized:
Reported: 05/01/06

QC Report No: JH44-Geomatrix
Project: Former Rhone Poulanc 8769
Date Sampled: 04/28/06
Date Received: 04/28/06

Date Extracted: 04/28/06
Date Analyzed: 05/01/06 02:31
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 13.3 g-dry-wt
Final Extract Volume: 4.0 mL
Dilution Factor: 1.00
Silica Gel: Yes
pH: 6.8
Percent Moisture: 21.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	30	< 30 U
53469-21-9	Aroclor 1242	30	< 30 U
12672-29-6	Aroclor 1248	30	< 30 U
11097-69-1	**Aroclor 1254**	**30**	**51**
11096-82-5	Aroclor 1260	30	< 30 U
11104-28-2	Aroclor 1221	30	< 30 U
11141-16-5	Aroclor 1232	30	< 30 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	71.2%
Tetrachlorometaxylene	63.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082

Sample ID: RP6-042806
SAMPLE

Lab Sample ID: JH44F
LIMS ID: 06-7049
Matrix: Soil
Data Release Authorized:
Reported: 05/01/06

QC Report No: JH44-Geomatrix
Project: Former Rhone Poulanc 8769
Date Sampled: 04/28/06
Date Received: 04/28/06

Date Extracted: 04/28/06
Date Analyzed: 05/01/06 02:49
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: No
Florisil Cleanup: No

Sample Amount: 13.1 g-dry-wt
Final Extract Volume: 4.0 mL
Dilution Factor: 1.00
Silica Gel: Yes
pH: 6.5
Percent Moisture: 18.4%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	31	< 31 U
53469-21-9	Aroclor 1242	31	< 31 U
12672-29-6	Aroclor 1248	31	< 31 U
11097-69-1	**Aroclor 1254**	**31**	**94**
11096-82-5	**Aroclor 1260**	**31**	**45**
11104-28-2	Aroclor 1221	31	< 31 U
11141-16-5	Aroclor 1232	31	< 31 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	93.8%
Tetrachlorometaxylene	66.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082

Sample ID: MB-042806
METHOD BLANK

Lab Sample ID: MB-042806
LIMS ID: 06-7044
Matrix: Soil
Data Release Authorized:
Reported: 05/01/06

QC Report No: JH44-Geomatrix
Project: Former Rhone Poulanc 8769
Date Sampled: NA
Date Received: NA

Date Extracted: 04/28/06
Date Analyzed: 05/01/06 00:43
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 12.0 g
Final Extract Volume: 4.0 mL
Dilution Factor: 1.00
Silica Gel: Yes
pH: NA
Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	33	< 33 U
53469-21-9	Aroclor 1242	33	< 33 U
12672-29-6	Aroclor 1248	33	< 33 U
11097-69-1	Aroclor 1254	33	< 33 U
11096-82-5	Aroclor 1260	33	< 33 U
11104-28-2	Aroclor 1221	33	< 33 U
11141-16-5	Aroclor 1232	33	< 33 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	75.5%
Tetrachlorometaxylene	71.0%

ANALYTICAL RESOURCES INCORPORATED

SW8082/PCB SOIL/SEDIMENTS SURROGATE RECOVERY SUMMARY

Matrix: Soil

QC Report No: JH44-Geomatrix
Project: Former Rhone Poulanc 8769

Client ID	DCBP	TCMX	TOT OUT
MB-042806	75.5%	71.0%	0
LCS-042806	73.2%	69.5%	0
RP1-042806	109%	69.2%	0
RP2-042806	79.2%	60.5%	0
RP3-042806	79.0%	43.0%	0
RP4-042806	69.8%	56.0%	0
RP5-042806	71.2%	63.8%	0
RP6-042806	93.8%	66.2%	0

	LCS/MB LIMITS	QC LIMITS
(DCBP) = Decachlorobiphenyl	(49-140)	(30-164)
(TCMX) = Tetrachlorometaxylene	(30-135)	(26-143)

Prep Method: SW3550B
Log Number Range: 06-7044 to 06-7049

FORM-II SW8082

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082

Sample ID: LCS-042806
LAB CONTROL

Lab Sample ID: LCS-042806
LIMS ID: 06-7044
Matrix: Soil
Data Release Authorized:
Reported: 05/01/06

QC Report No: JH44-Geomatrix
Project: Former Rhone Poulanc 8769
Date Sampled: NA
Date Received: NA

Date Extracted: 04/28/06
Date Analyzed: 05/01/06 01:01
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: No
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 12.0 g-dry-wt
Final Extract Volume: 4.0 mL
Dilution Factor: 1.00
Silica Gel: Yes
pH: NA
Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Aroclor 1016	108	167	64.7%
Aroclor 1260	119	167	71.3%

PCB Surrogate Recovery

Decachlorobiphenyl	73.2%
Tetrachlorometaxylene	69.5%

Results reported in µg/kg (ppb)

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
NWTPH-HCID Method by GC/FID
Page 1 of 1
Matrix: Soil

QC Report No: JH44-Geomatrix
Project: Former Rhone Poulanc
8769

Data Release Authorized:
Reported: 05/01/06

ARI ID	Sample ID	Extraction Date	Analysis Date	DL	Range	Result
MB-042806	Method Blank	04/28/06	04/28/06	1.0	Gas	< 20 U
06-7044					Diesel	< 50 U
					Oil	< 100 U
					o-Terphenyl	106%
JH44A	RP1-042806	04/28/06	04/28/06	1.0	Gas	< 58 U
06-7044	HC ID: **DRO/RRO**				**Diesel**	**> 140**
					Oil	**> 290**
					o-Terphenyl	86.1%
JH44B	RP2-042806	04/28/06	04/28/06	1.0	Gas	< 30 U
06-7045	HC ID: **DRO/RRO**				**Diesel**	**> 75**
					Oil	**> 150**
					o-Terphenyl	94.0%
JH44C	RP3-042806	04/28/06	04/28/06	1.0	Gas	< 26 U
06-7046	HC ID: ---				Diesel	< 66 U
					Oil	< 130 U
					o-Terphenyl	102%
JH44D	RP4-042806	04/28/06	04/28/06	1.0	Gas	< 25 U
06-7047	HC ID: **DRO/RRO**				**Diesel**	**> 63**
					Oil	**> 130**
					o-Terphenyl	91.3%
JH44E	RP5-042806	04/28/06	04/29/06	10	Gas	< 630 U
06-7048	HC ID: **DRO/RRO**				**Diesel**	**> 1,600**
					Oil	**> 3,200**
					o-Terphenyl	92.7%
JH44F	RP6-042806	04/28/06	04/29/06	10	Gas	< 610 U
06-7049	HC ID: **DRO/RRO**				**Diesel**	**> 1,500**
					Oil	< 3,000 U
					o-Terphenyl	85.6%

Reported in mg/kg (ppm)

Gas value based on total peaks in the range from Toluene to C12.
Diesel value based on the total peaks in the range from C12 to C24.
Oil value based on the total peaks in the range from C24 to C38.

ANALYTICAL RESOURCES INCORPORATED

HCID SURROGATE RECOVERY SUMMARY

Matrix: Soil

QC Report No: JH44-Geomatrix
Project: Former Rhone Poulanc
8769

Client ID	O-TER	TOT OUT
042806MB	106%	0
RP1-042806	86.1%	0
RP2-042806	94.0%	0
RP3-042806	102%	0
RP4-042806	91.3%	0
RP5-042806	92.7%	0
RP6-042806	85.6%	0

	LCS/MB LIMITS	QC LIMITS
(O-TER) = o-Terphenyl	(68-122)	(45-136)

Prep Method: SW3550B
Log Number Range: 06-7044 to 06-7049

FORM-II HCID

Data File: /chem3/fid3a.i/20060428.b/0428a022.d

Date : 28-APR-2006 19:51

Client ID:

Instrument: fid3a.i

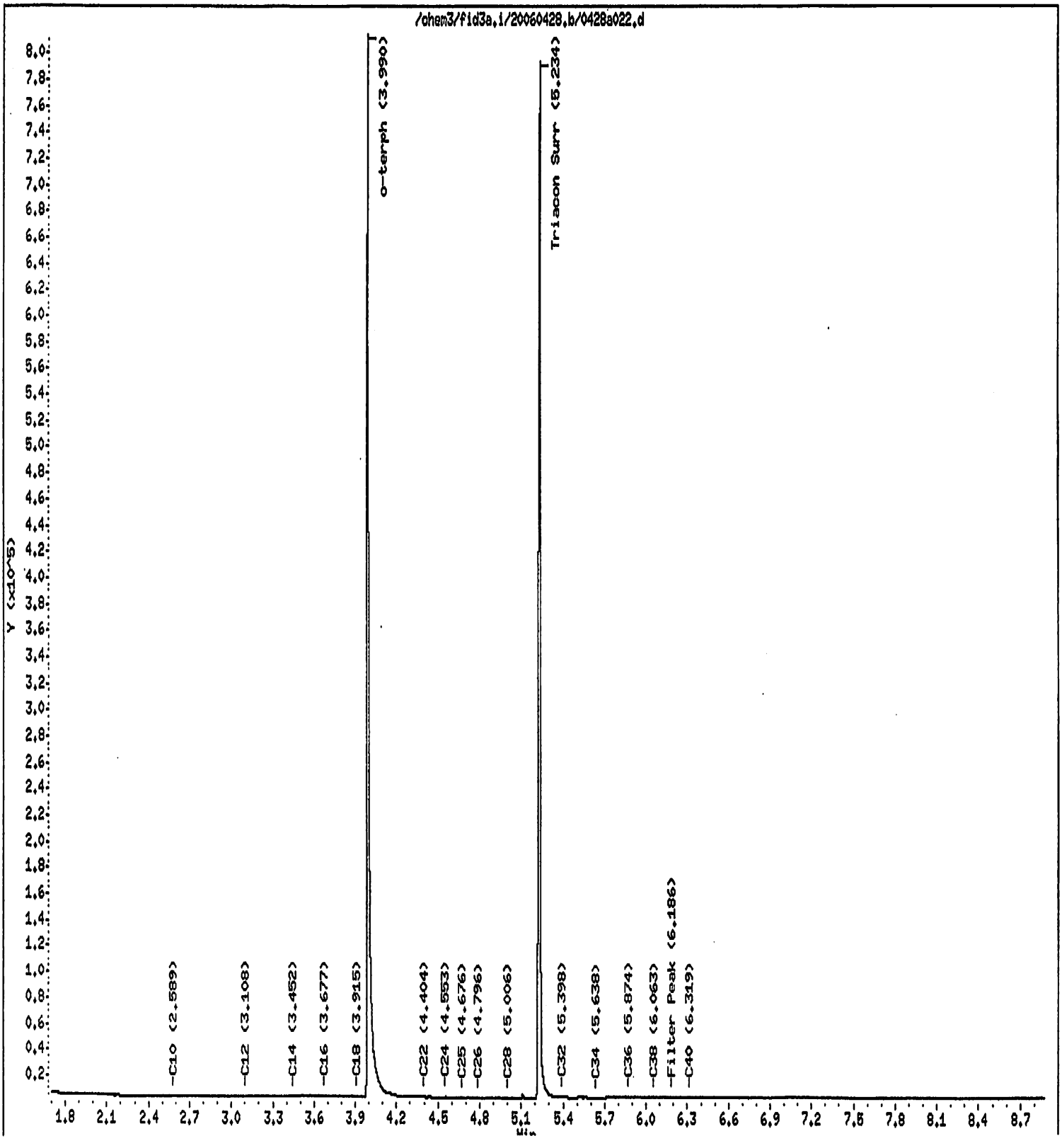
Sample Info: JH44MBS1

Method Blank

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060428.b/0428a023.d

Date : 28-APR-2006 20:09

Client ID:

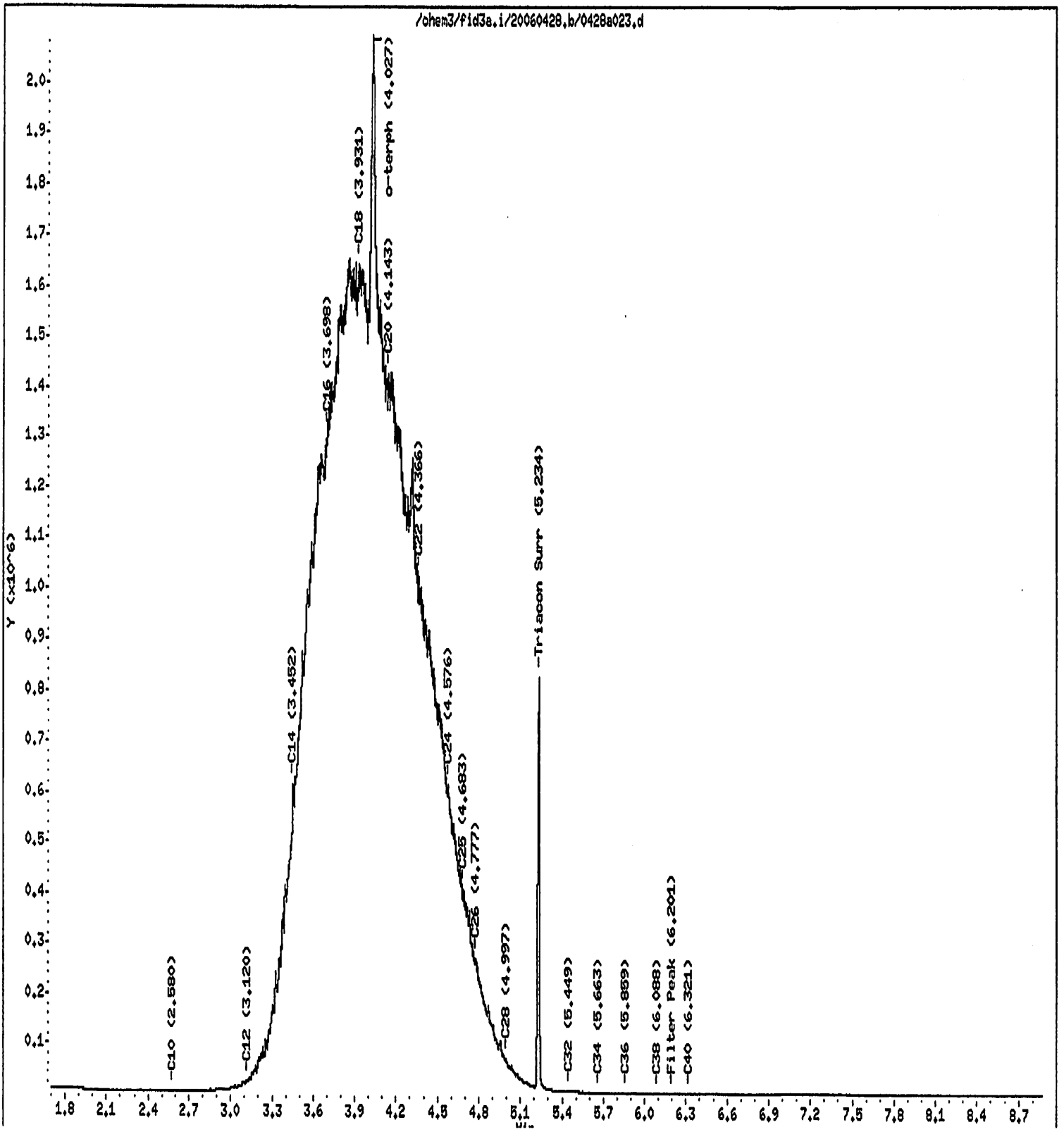
Instrument: fid3a.i

Sample Info: JH44A RPI-042806

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060428.b/0428a024.d

Date : 28-APR-2006 20:26

Client ID:

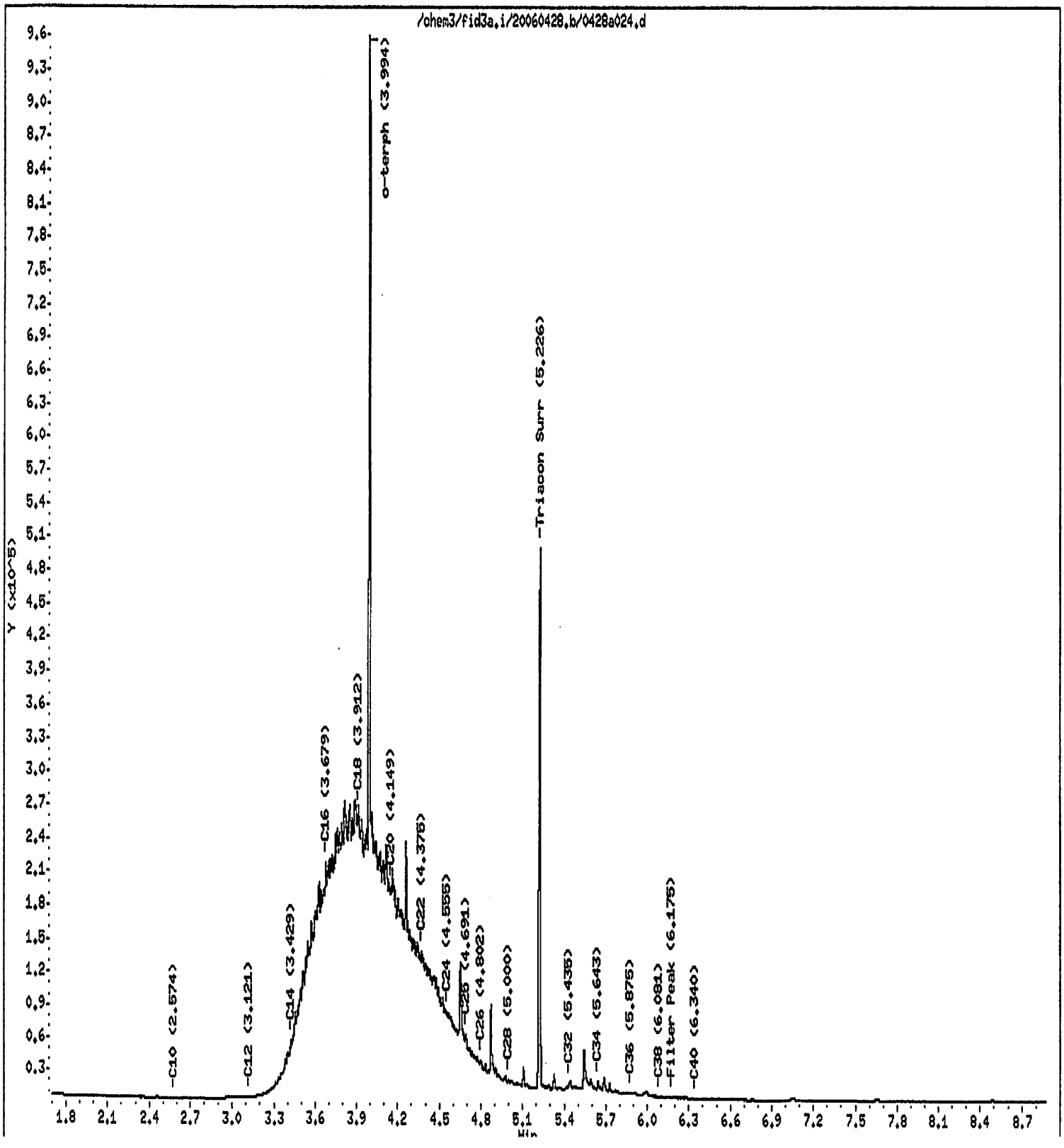
Instrument: fid3a.i

Sample Info: JH44B RP2-042806

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060428.b/0428a025.d

Date : 28-APR-2006 20:43

Client ID:

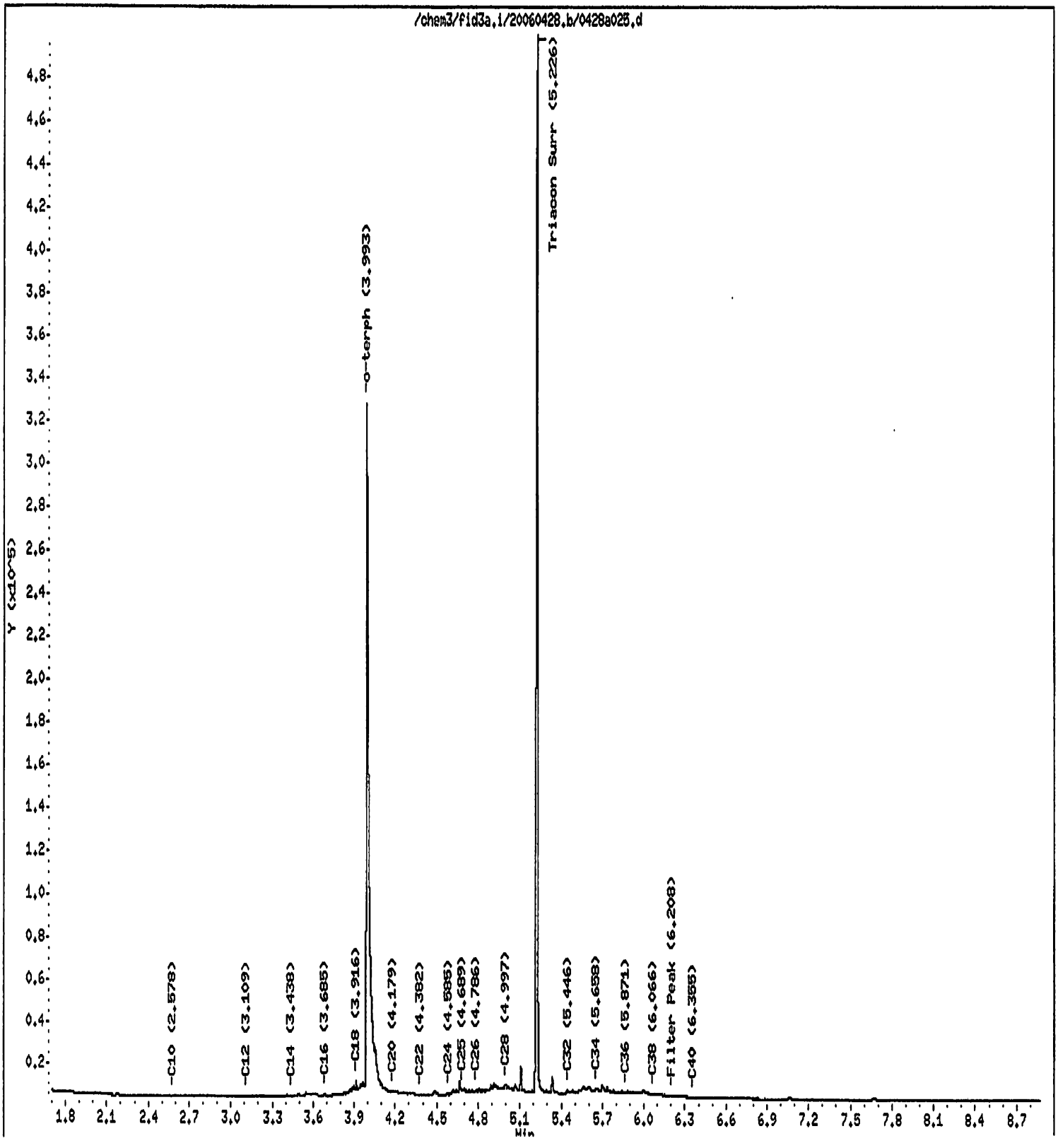
Instrument: fid3a.i

Sample Info: JH44C R93-042806

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060428.b/0428a026.d

Date : 28-APR-2006 21:00

Client ID:

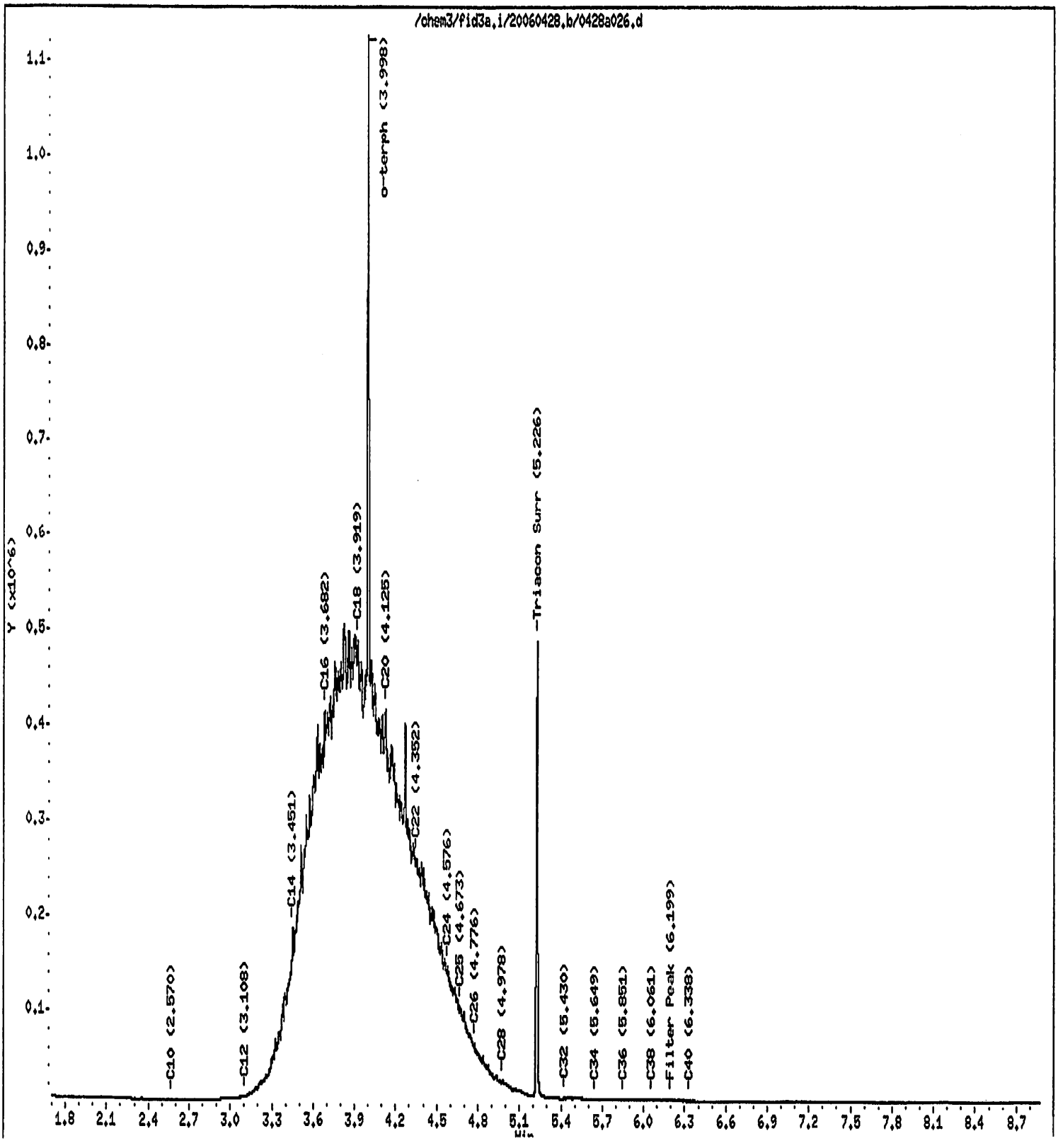
Instrument: fid3a.i

Sample Info: JH44D RP4-042806

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



10x Dilution

Data File: /chem3/fid3a.i/20060429.b/0429a011.d

Date : 29-APR-2006 11:03

Client ID:

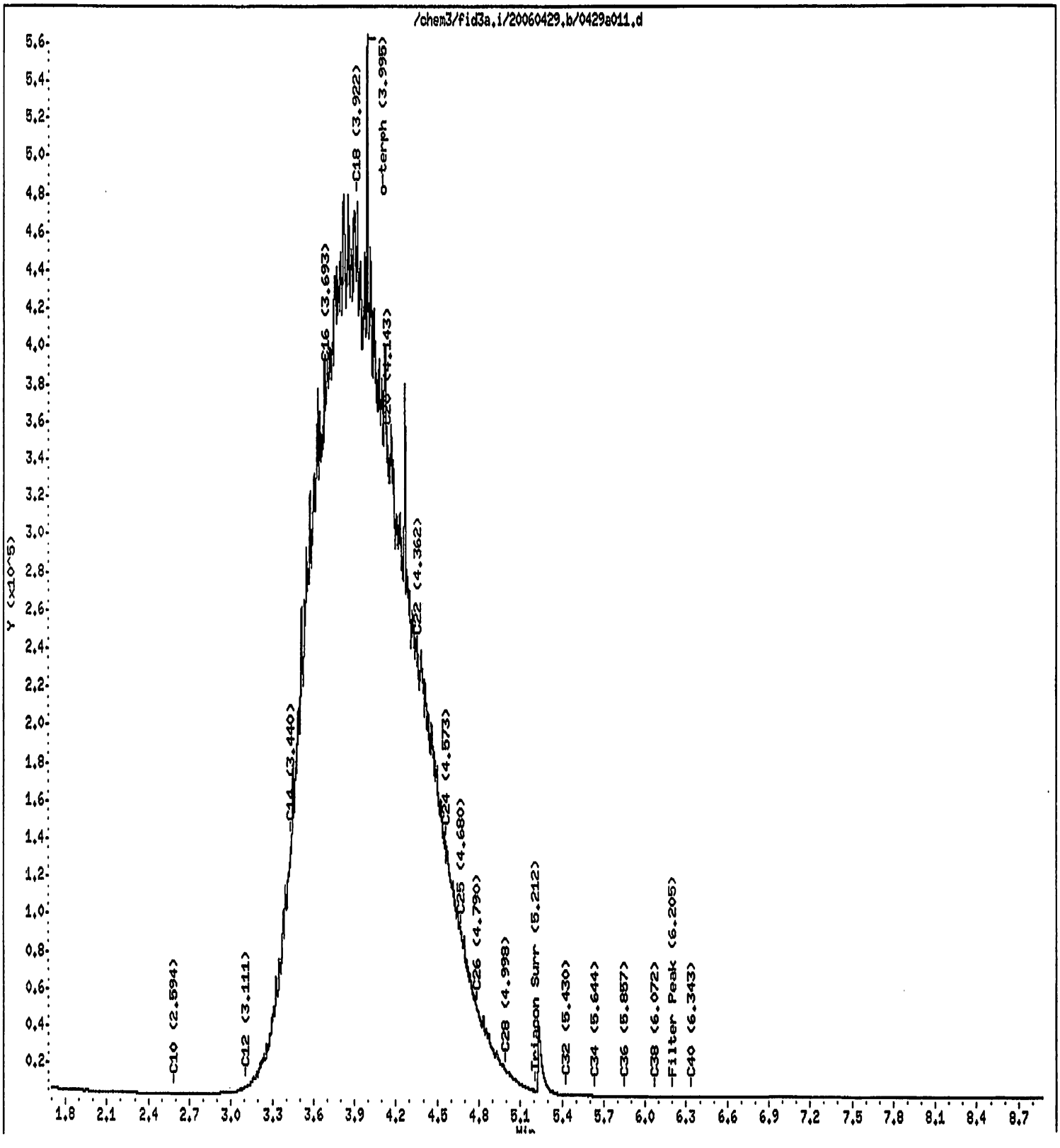
Instrument: fid3a.i

Sample Info: JH44E,10 RPS-042806

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



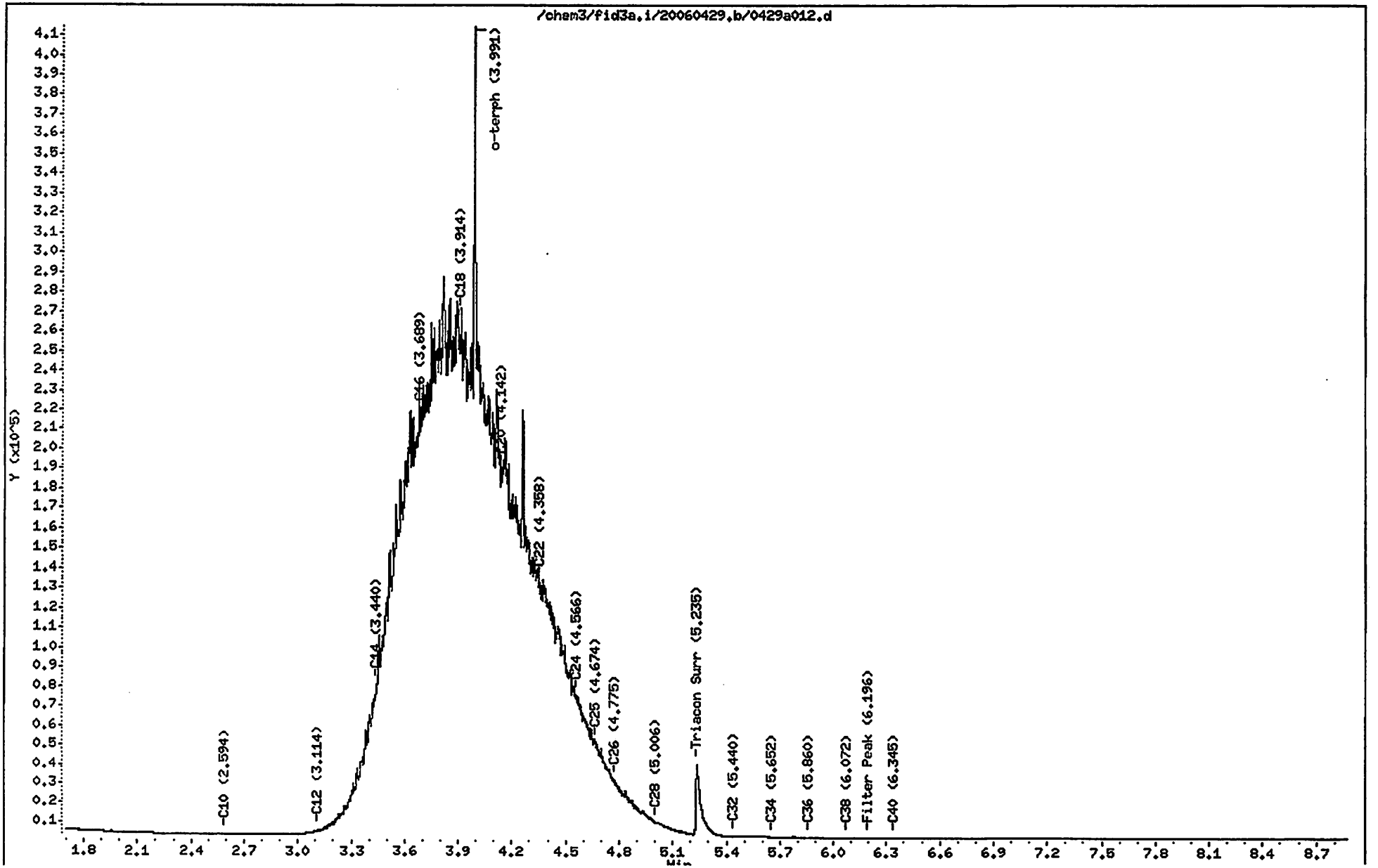
Data File: /chem3/fid3a.i/20060429.b/0429a012.d
Date : 29-APR-2006 11:20
Client ID:
Sample Info: JH44F,10 RP6-042806

Column phase: RTX-1

10x Dilution

Instrument: fid3a.i

Operator: PC
Column diameter: 0.25



ANALYTICAL RESOURCES INCORPORATED

TOTAL HCID RANGE HYDROCARBONS-EXTRACTION REPORT

ARI Job: JH44
Project: Former Rhone Poulanc 8769

Matrix: Soil
Date Received: 04/28/06

ARI ID	Client ID	Sample Amt	Final Vol	Basis	Prep Date
06-7044-042806MB	Method Blank	10.0 g	5.00 mL	-	04/28/06
06-7044-JH44A	RP1-042806	1.74 g	5.00 mL	D	04/28/06
06-7045-JH44B	RP2-042806	6.64 g	10.0 mL	D	04/28/06
06-7046-JH44C	RP3-042806	7.56 g	10.0 mL	D	04/28/06
06-7047-JH44D	RP4-042806	7.94 g	10.0 mL	D	04/28/06
06-7048-JH44E	RP5-042806	1.58 g	5.00 mL	D	04/28/06
06-7049-JH44F	RP6-042806	1.65 g	5.00 mL	D	04/28/06

Basis: D=Dry Weight W=As Received

Data Reporting Qualifiers

Effective 12/28/04

Inorganic Data

U Indicates that the target analyte was not detected at the reported concentration

* Duplicate RPD is not within established control limits

B Reported value is less than the CRDL but ≥ the Reporting Limit

N Matrix Spike recovery not within established control limits

NA Not Applicable, analyte not spiked

H The natural concentration of the spiked element is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible

L Analyte concentration is ≤5 times the Reporting Limit and the replicate control limit defaults to ±1 RL instead of the normal 20% RPD

Organic Data

U Indicates that the target analyte was not detected at the reported concentration

* Flagged value is not within established control limits

B Analyte detected in an associated Method Blank at a concentration greater than one-half of ARI's Reporting Limit or 5% of the regulatory limit or 5% of the analyte concentration in the sample.

J Estimated concentration when the value is less than ARI's established reporting limits

D The spiked compound was not detected due to sample extract dilution

NR Spiked compound recovery is not reported due to chromatographic interference

E Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

S Indicates an analyte response that has saturated the detector. The calculated concentration is not valid; a dilution is required to obtain valid quantification of the analyte

NA The flagged analyte was not analyzed for

NS The flagged analyte was not spiked into the sample

M Estimated value for an analyte detected and confirmed by an analyst but with low spectral match parameters. This flag is used only for GC-MS analyses

N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification"

Y The analyte is not detected at or above the reported concentration. The reporting limit is raised due to chromatographic interference. The Y flag is equivalent to the U flag with a raised reporting limit.

C The analyte was positively identified on only one of two chromatographic columns. Chromatographic interference prevented a positive identification on the second column

P The analyte was detected on both chromatographic columns but the quantified values differ by ≥40% RPD with no obvious chromatographic interference

Geotechnical Data

A The total of all fines fractions. This flag is used to report total fines when only sieve analysis is requested and balances total grain size with sample weight.

F Samples were frozen prior to particle size determination

SM Sample matrix was not appropriate for the requested analysis. This normally refers to samples contaminated with an organic product that interferes with the sieving process and/or moisture content, porosity and saturation calculations

SS Sample did not contain the proportion of "fines" required to perform the pipette portion of the grain size analysis

W Weight of sample in some pipette aliquots was below the level required for accurate weighting

Analytical Resources, Incorporated
Analytical Chemists and Consultants

May 4, 2006

Larry McGaughey
Geomatrix
600 University Suite 1020
Seattle, WA 98101

RE: Project No: Former Rhone Poulenc / 8769
ARI Job No: JH44 (Part II)

Dear Larry:

Please find enclosed the original chain of custody documentation (COC) and the final results for the project referenced above. Analytical Resources Inc. (ARI) accepted six soil samples on April 28, 2006. ARI received the samples intact and there were no discrepancies in the paperwork.

The laboratory initially analyzed the samples for PCBs and NWTPH-HCID, as requested on the COC. Several samples contained DRO (diesel range organics) that do not match any ARI standard patterns, and follow-up acid/silica gel NWTPH-Dx analysis was performed and reported under this data package. Chromatograms are included for your review.

No analytical complications were noted. Quality control analysis results are included for your review.

A copy of these reports and all associated raw data will remain on file electronically with ARI. If you have any questions or require additional information, please feel free to contact me at your convenience.

Sincerely,
ANALYTICAL RESOURCES, INC.

Stephanie Lucas

Stephanie Lucas
Project Manager
(206) 695-6213
steph@arilabs.com

Enclosures

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: J444	Turn-around Requested: 1-day	Page: 1 of 1	
ARI Client Company: Geomatrix	Phone: 206-342-1760	Date: 4-28-06	Ice Present? Y
Client Contact: Larry McGaughy		No. of Coolers: 1	Cooler Temps: 3.5
Client Project Name: Former Rhone Poulenc			
Client Project #: 8769	Samplers: Dwight Smith		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	PCBs	TPH-HCID	Acid Silica NWTPH-Dx added 5-1-06						Notes/Comments
RP1-042806	4-28-06	0800	S	1	X	X	X						
RP2-042806		0833			X	X	X						
RP3-042806		0837			X	X							
RP4-042806		0846			X	X	X						
RP5-042806		0852			X	X	X						
RP6-042806		0902			X	X	X						

COPY

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Dwight Smith	(Signature) Bob Congleton	(Signature)	(Signature)
	Printed Name: Dwight Smith	Printed Name: BOB CONGLETON	Printed Name:	Printed Name:
	Company: Geomatrix	Company: ARI	Company:	Company:
	Date & Time: 4/28/06 946	Date & Time: 4/28/06 945	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
TOTAL DIESEL RANGE HYDROCARBONS
NWTPHD by GC/FID-Silica and Acid Cleaned
Page 1 of 1
Matrix: Soil

QC Report No: JH44-Geomatrix
Project: Former Rhone Poulanc
8769

Data Release Authorized:
Reported: 05/03/06

ARI ID	Sample ID	Extraction Date	Analysis Date	DL	Range	Result mg/kg
MB-050106	Method Blank	05/01/06	05/02/06	1.0	Diesel	< 5.0 U
06-7044	HC ID: ---		FID3A		Motor Oil	< 10 U
					o-Terphenyl	91.8%
JH44A	RP1-042806	05/01/06	05/03/06	100	Diesel	12000
06-7044	HC ID: DRO		FID3A		Motor Oil	< 1200 U
					o-Terphenyl	D
JH44B	RP2-042806	05/01/06	05/02/06	1.0	Diesel	180
06-7045	HC ID: DRO/RRO		FID3A		Motor Oil	99
					o-Terphenyl	72.7%
JH44D	RP4-042806	05/01/06	05/03/06	10	Diesel	3000
06-7047	HC ID: DRO/RRO		FID3A		Motor Oil	300
					o-Terphenyl	82.2%
JH44E	RP5-042806	05/01/06	05/03/06	100	Diesel	25000
06-7048	HC ID: DRO/RRO		FID3A		Motor Oil	2200
					o-Terphenyl	D
JH44F	RP6-042806	05/01/06	05/03/06	100	Diesel	18000
06-7049	HC ID: DRO/RRO		FID3A		Motor Oil	1500
					o-Terphenyl	D

Diesel quantitation on total peaks in the range from C12 to C24.
Motor Oil quantitation on total peaks in the range from C24 to C38.
HC ID: DRO/RRO indicate results of organics or additional hydrocarbons in ranges are not identifiable.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
NWTPHD by GC/FID-Silica and Acid Cleaned

Sample ID: LCS-050106
LAB CONTROL

Lab Sample ID: LCS-050106
LIMS ID: 06-7044
Matrix: Soil
Data Release Authorized:
Reported: 05/03/06

QC Report No: JH44-Geomatrix
Project: Former Rhone Poulanc 8769
Date Sampled: 04/28/06
Date Received: 04/28/06

Date Extracted: 05/01/06
Date Analyzed: 05/02/06 16:48
Instrument/Analyst: FID/JGR

Sample Amount: 10.0 g
Final Extract Volume: 1.0 mL
Dilution Factor: 1.0

Range	Lab Control	Spike Added	Recovery
Diesel	118	150	78.7%

TPHD Surrogate Recovery

o-Terphenyl	75.8%

Results reported in mg/kg

ANALYTICAL RESOURCES INCORPORATED

CLEANED TPHD SURROGATE RECOVERY SUMMARY

Matrix: Soil

QC Report No: JH44-Geomatrix
Project: Former Rhone Poulanc 8769

Client ID	OTER	TOT OUT
MB-050106	91.8%	0
LCS-050106	75.8%	0
RP1-042806	D	0
RP2-042806	72.7%	0
RP4-042806	82.2%	0
RP5-042806	D	0
RP6-042806	D	0

	LCS/MB LIMITS	QC LIMITS
(OTER) = o-Terphenyl	(55-122)	(44-121)

Prep Method: SW3550B
Log Number Range: 06-7044 to 06-7049

FORM-II TPHD

ANALYTICAL RESOURCES INCORPORATED

TOTAL DIESEL RANGE HYDROCARBONS-EXTRACTION REPORT

ARI Job: JH44
Matrix: Soil
Project: Former Rhone Poulanc 8769
Date Received: 04/28/06

ARI ID	Client ID	Client Amt	Final Vol	Basis	Prep Date
06-7044-050106MB1	Method Blank	10.0 g	1.00 mL	-	05/01/06
06-7044-050106LCS1	Lab Control	10.0 g	1.00 mL	-	05/01/06
06-7044-JH44A	RP1-042806	8.62 g	1.00 mL	D	05/01/06
06-7045-JH44B	RP2-042806	6.64 g	1.00 mL	D	05/01/06
06-7047-JH44D	RP4-042806	7.94 g	1.00 mL	D	05/01/06
06-7048-JH44E	RP5-042806	7.87 g	1.00 mL	D	05/01/06
06-7049-JH44F	RP6-042806	8.17 g	1.00 mL	D	05/01/06

Basis: D=Dry Weight W=As Received

Data File: /chem3/fid3a.i/20060502.b/0502a013.d

Date : 02-MAY-2006 16:31

Client ID:

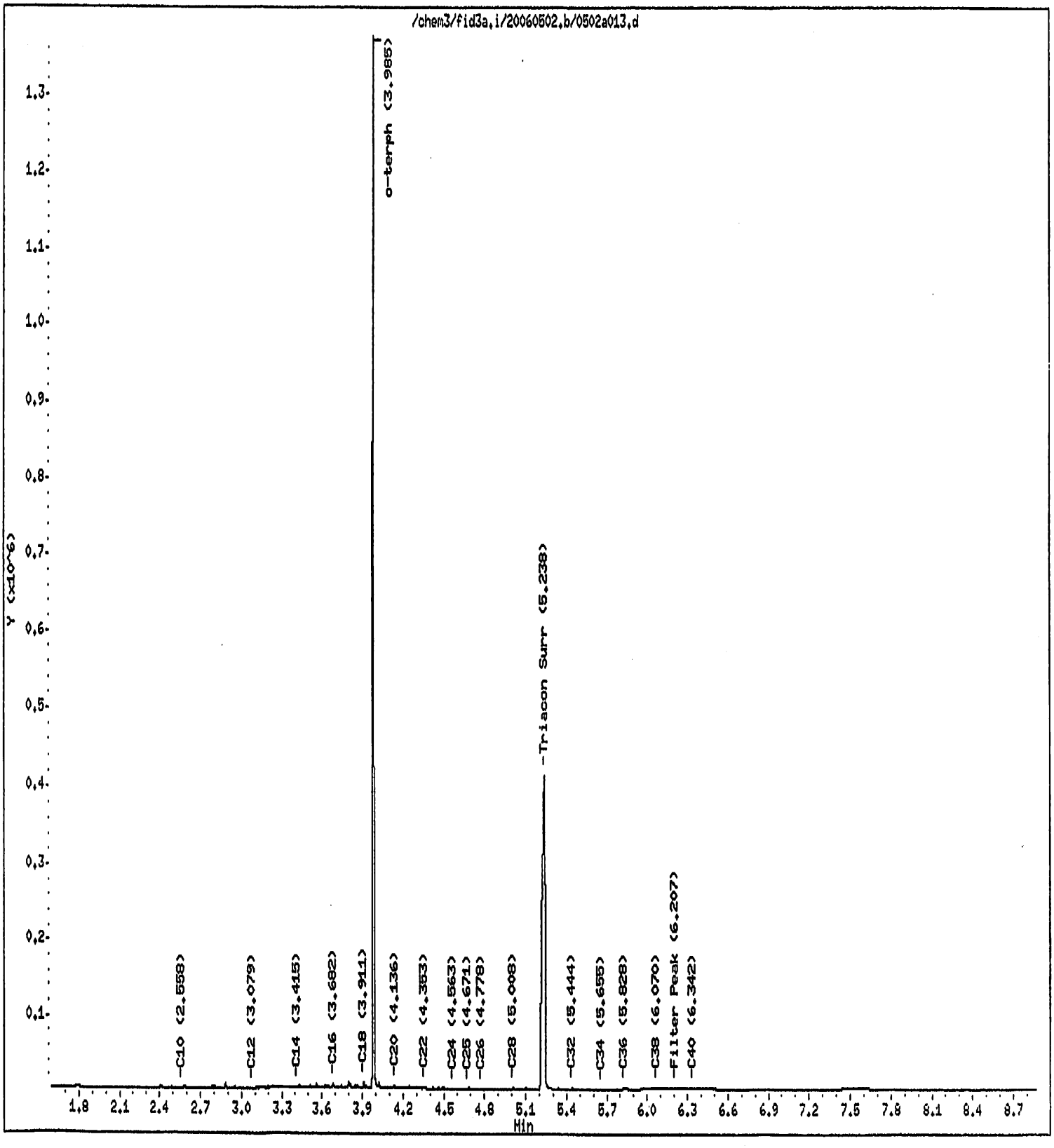
Sample Info: JH44MBS1 Method Blank

Column phase: RTX-1

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060503.b/0503a020.d

Date : 03-MAY-2006 08:59

Client ID:

Sample Info: JH44A,100

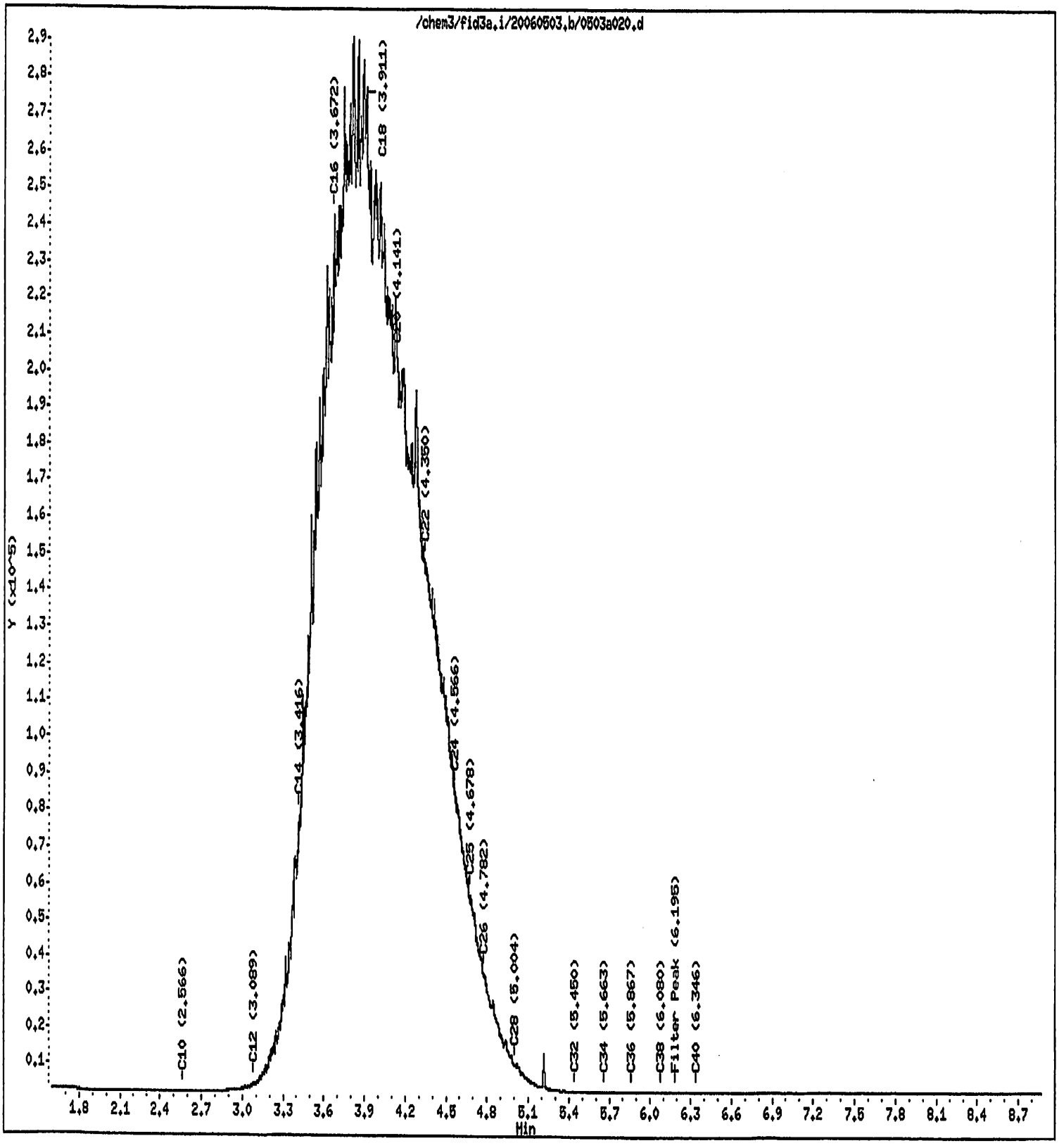
RPI-042806

Column phase: RTX-1

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060502.b/0502a016.d

Date : 02-MAY-2006 17:22

Client ID:

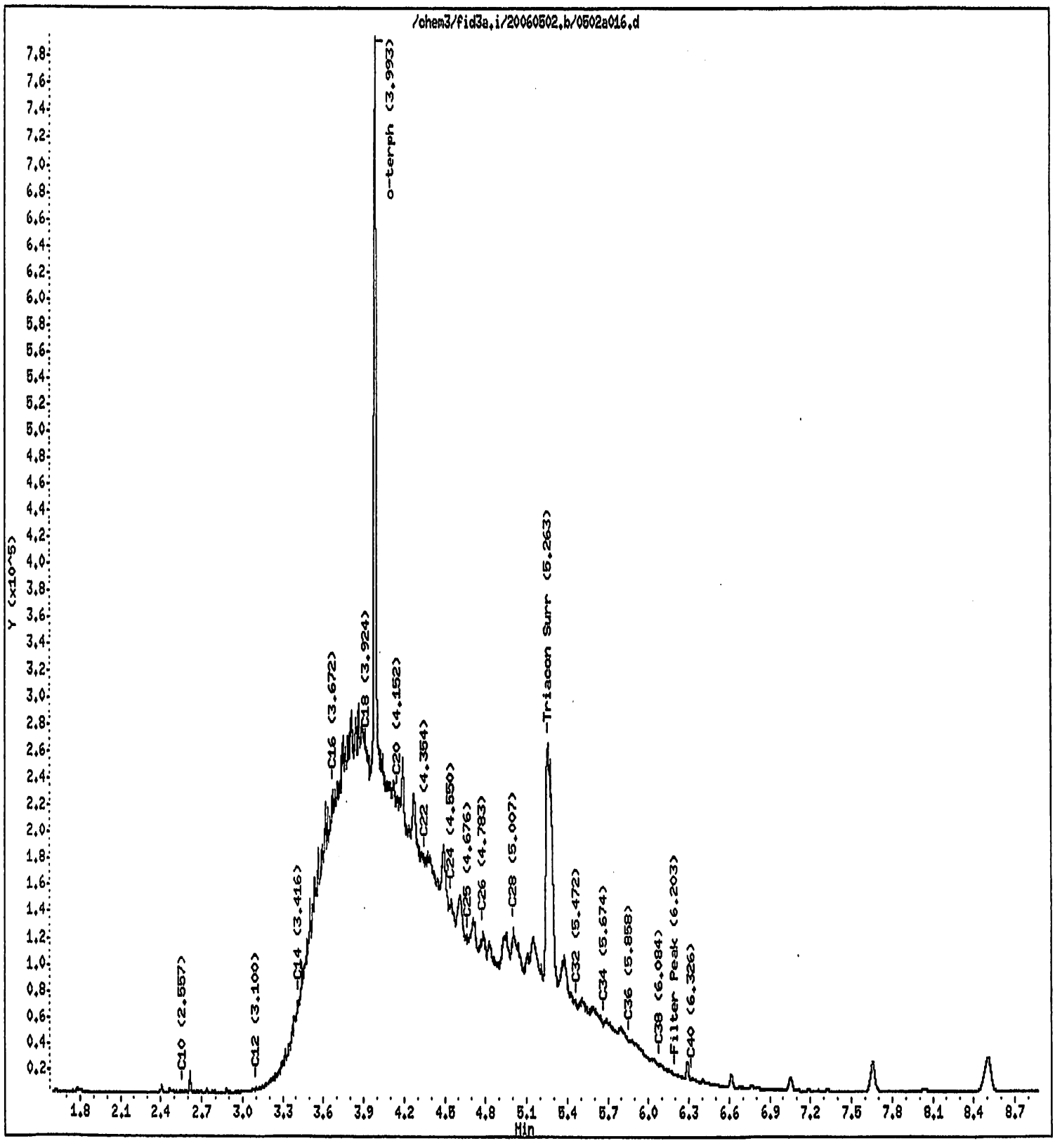
Instrument: fid3a.i

Sample Info: JH44B RP2-042806

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060503.b/0503a021.d

Date : 03-MAY-2006 09:16

Client ID:

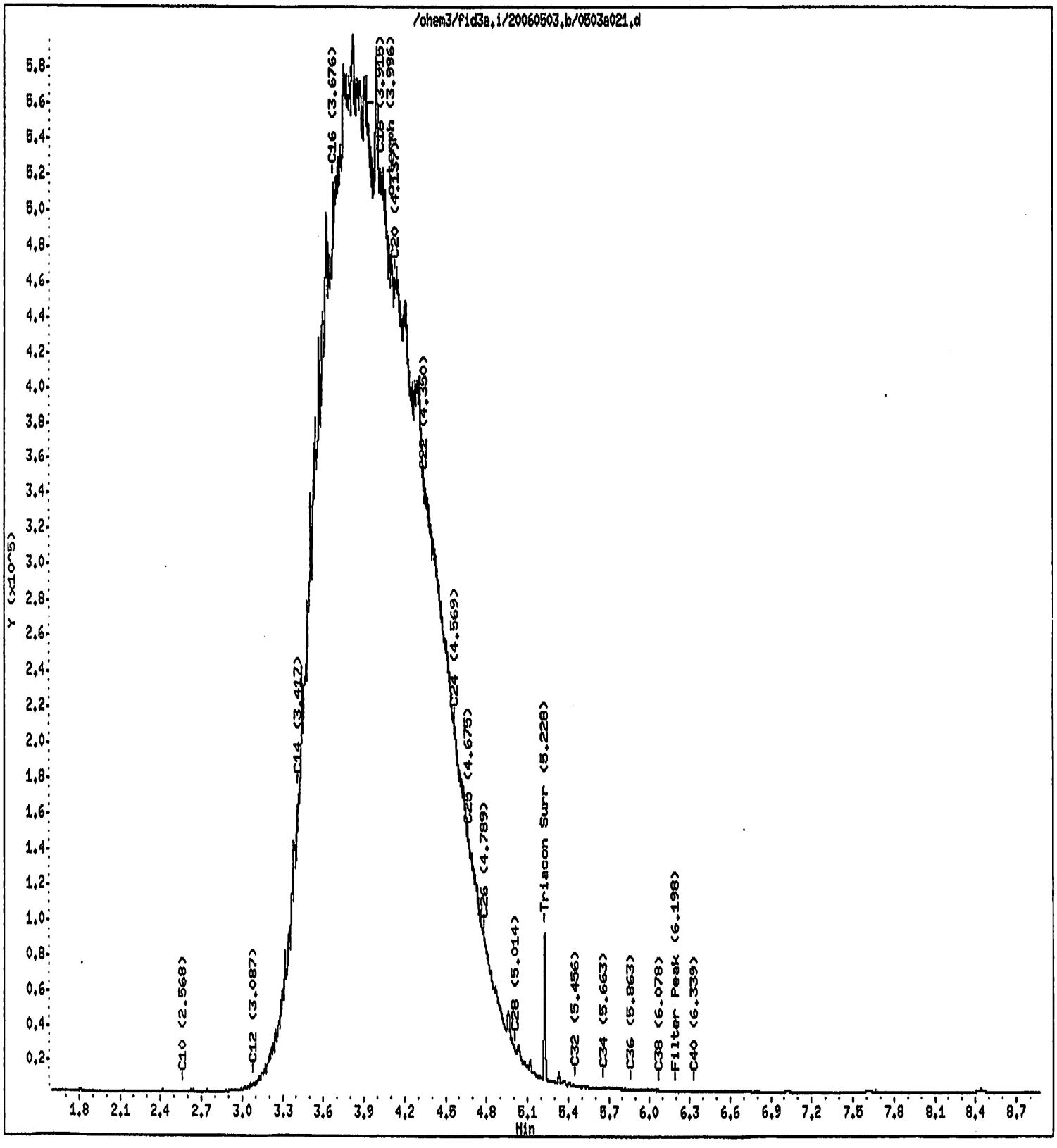
Instrument: fid3a.i

Sample Info: JH44D,10 RP4-042806

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060503.b/0503a022.d

Date : 03-MAY-2006 09:33

Client ID:

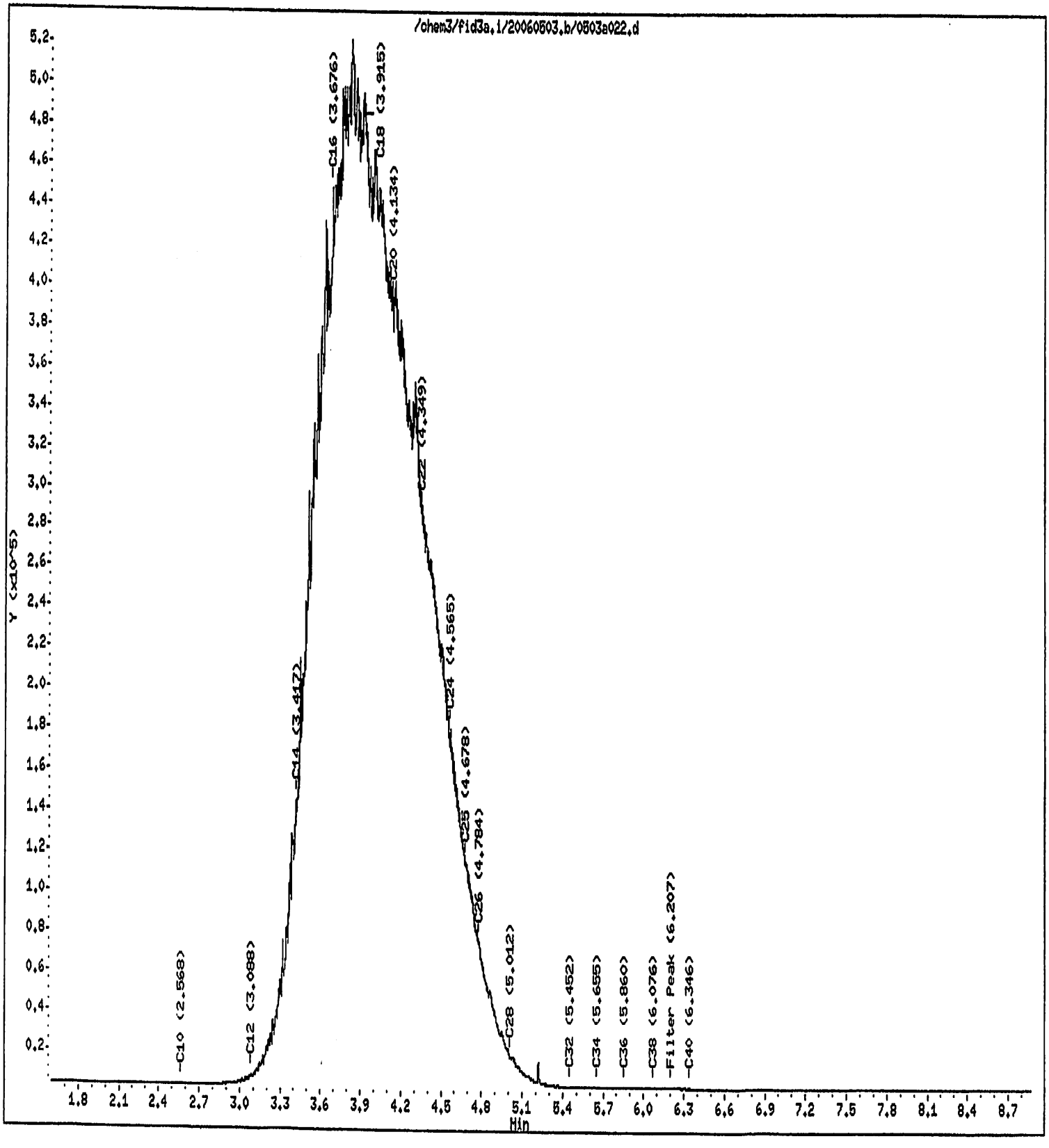
Sample Info: JH44E,100 RPS-042806

Column phase: RTX-1

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060503.b/0503a023.d

Date : 03-MAY-2006 09:49

Client ID:

Sample Info: JH44F,100

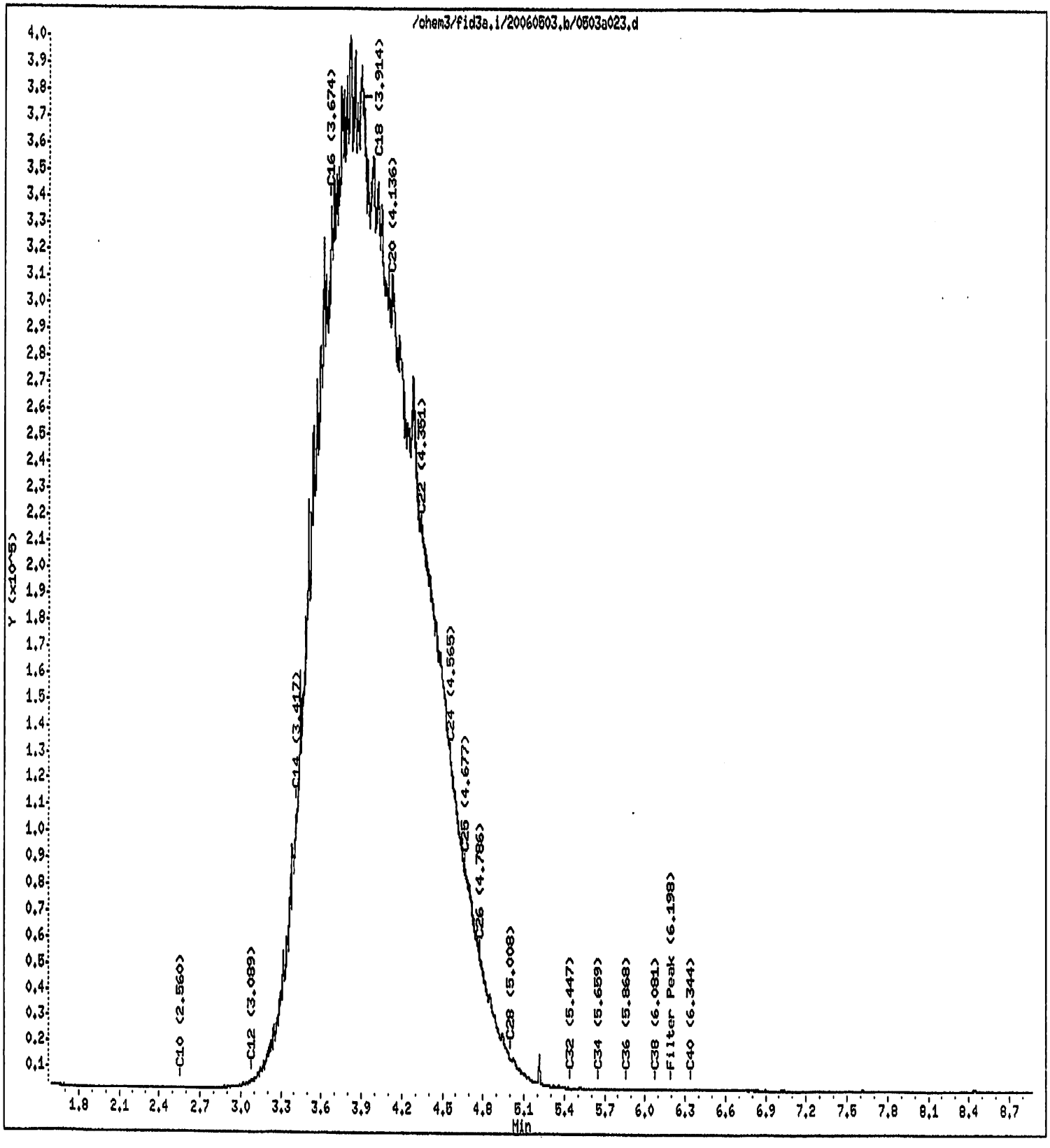
RP6-042806

Column phase: RTX-1

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25



Analytical Resources, Incorporated
Analytical Chemists and Consultants

May 8, 2006

Larry McGaughey
Geomatrix
600 University Suite 1020
Seattle, WA 98101

RE: Project No: Former Rhone Poulenc / 8769.005
ARI Job No: JI06

Dear Larry:

Please find enclosed the original chain of custody documentation (COC) and the final results for the project referenced above. Analytical Resources Inc. (ARI) accepted three soil samples on May 4, 2006. ARI received the samples intact and there were no discrepancies in the paperwork.

The laboratory analyzed the samples for acid/silica gel cleaned NWTPH-D, as requested on the COC.

No analytical complications were noted. Quality control analysis results are included for your review. Chromatograms are included for your review.

A copy of these reports and all associated raw data will remain on file electronically with ARI. If you have any questions or require additional information, please feel free to contact me at your convenience.

Sincerely,
ANALYTICAL RESOURCES, INC.

Stephanie Lucas

Stephanie Lucas
Project Manager
(206) 695-6213
steph@arilabs.com

Enclosures

CHAIN-OF-CUSTODY RECORD J L06 SEA 10004

PROJECT NAME: FRP			DATE: 5/4/06 PAGE 1 OF 1
PROJECT NUMBER: 0769.005	LABORATORY NAME: ARI	CLIENT INFORMATION: Geomatrix	REPORTING REQUIREMENTS:
RESULTS TO: Larry McGaughey	LABORATORY ADDRESS:		
TURNAROUND TIME: 24 hour			
SAMPLE SHIPMENT METHOD:	LABORATORY CONTACT: Stephanie		GEOTRACKER REQUIRED YES (NO)
	LABORATORY PHONE NUMBER:		SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE):

ANALYSES

DATE	TIME	SAMPLE NUMBER	VOC/TPH-D	Acids	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
5/4/06	1030	FRP7-050406	X		8oz Glass Jar	S					1	
5/4/06	1032	FRP6-050406	X		↓	S					1	
5/4/06	1034	FRP9-050406	X		↓	S					1	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: Pat Hoich	5/4/06	11:14	SIGNATURE: Stephanie Lucas	5-4-06	1115
PRINTED NAME: Pat Hoich			PRINTED NAME: Steph Lucas		
COMPANY: Geomatrix			COMPANY: ARI		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS: 3

SAMPLING COMMENTS:

06-7564

06-7566

One Union Square, 600 University Street, Suite 1020
Seattle, Washington 98101-4107
Tel 206.342.1760 Fax 206.342.1761

Geomatrix

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
TOTAL DIESEL RANGE HYDROCARBONS
NWTPHD by GC/FID-Silica and Acid Cleaned
Page 1 of 1
Matrix: Soil

QC Report No: JI06-Geomatrix
Project: 8769.005
FRP

Data Release Authorized: MW
Reported: 05/08/06

ARI ID	Sample ID	Extraction Date	Analysis Date	DL	Range	Result mg/kg
MB-050406	Method Blank	05/04/06	05/04/06	1.0	Diesel	< 5.0 U
06-7564	HC ID: ---		FID3A		Motor Oil	< 10 U
					o-Terphenyl	101%
JI06A	FRP7-050406	05/03/06	05/04/06	1.0	Diesel	< 5.6 U
06-7564	HC ID: ---		FID3A		Motor Oil	< 11 U
					o-Terphenyl	79.1%
JI06B	FRP8-050406	05/03/06	05/04/06	1.0	Diesel	< 5.7 U
06-7565	HC ID: **RRO**		FID3A		**Motor Oil**	**12**
					o-Terphenyl	67.3%
JI06C	FRP9-050406	05/03/06	05/05/06	20	**Diesel**	**3600**
06-7566	HC ID: **DRO/RRO**		FID3A		**Motor Oil**	**280**
					o-Terphenyl	NR

Diesel quantitation on total peaks in the range from C12 to C24.
Motor Oil quantitation on total peaks in the range from C24 to C38.
HC ID: DRO/RRO indicate results of organics or additional hydrocarbons in ranges are not identifiable.

Data File: /chem3/fid3a.i/20060504.b/0504a059.d

Date : 04-MAY-2006 20:37

Client ID:

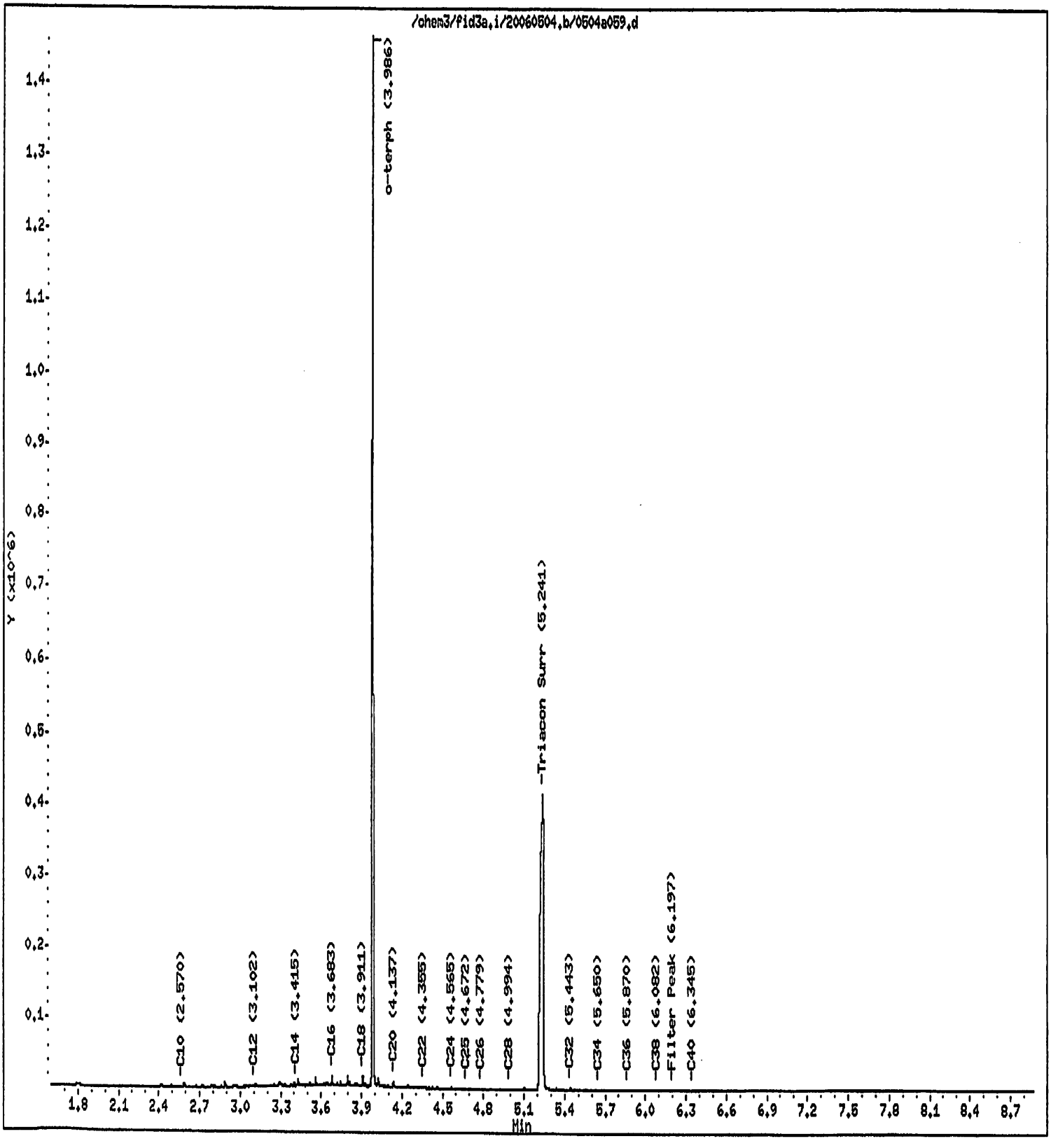
Sample Info: JI06MBS1 Method Blank

Column phase: RTX-1

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25

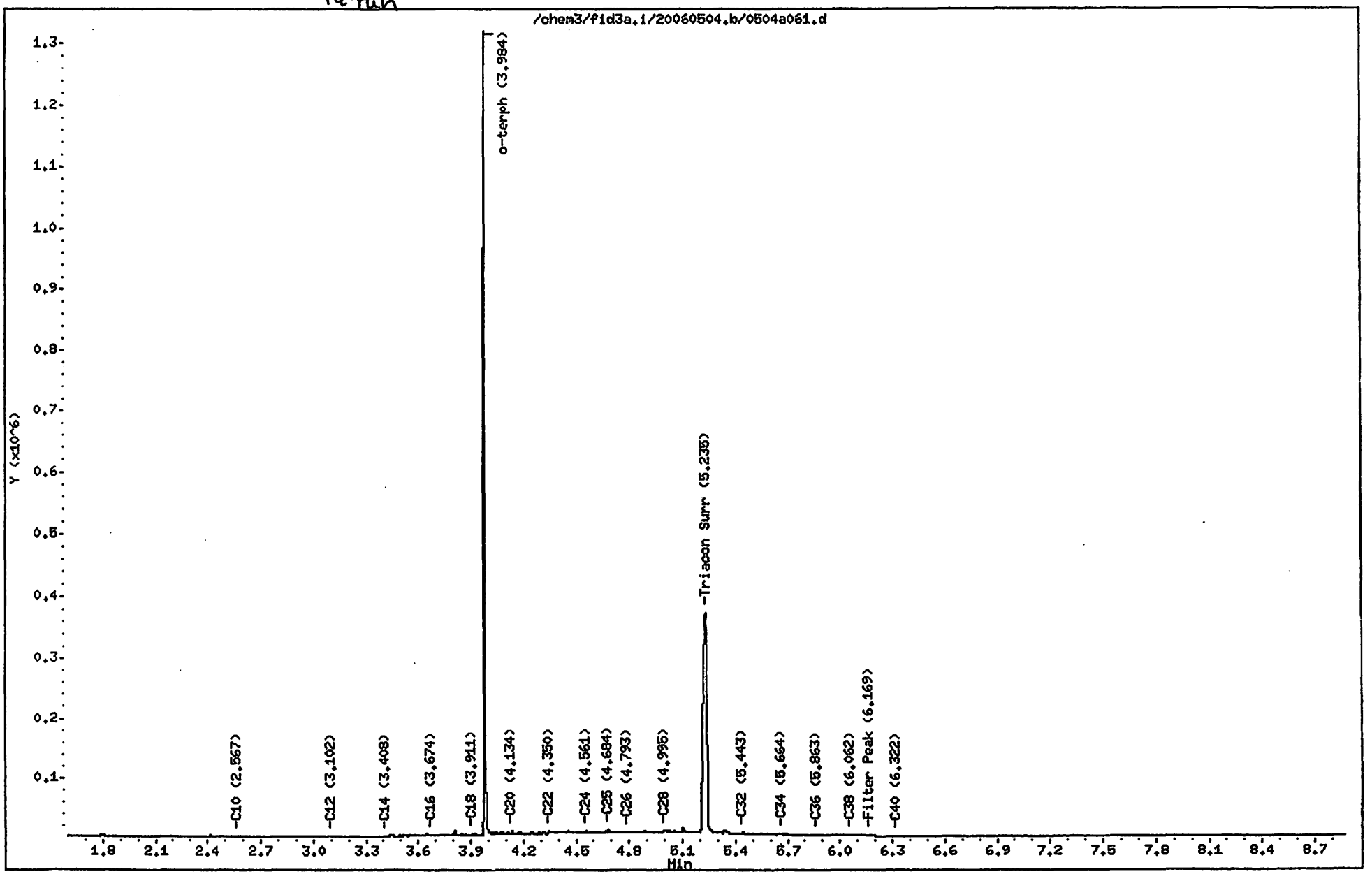


Data File: /chem3/fid3a.i/20060504.b/0504a061.d
Date : 04-MAY-2006 21:11
Client ID:
Sample Info: JI06A FRP 7 -050604

Column phase: RTX-1
Re-run

Instrument: fid3a.i

Operator: PC
Column diameter: 0.25



Data File: /chem3/fid3a.i/20060504.b/0504a062.d

Date : 04-MAY-2006 21:28

Client ID:

Sample Info: JI06B RFP8-050406

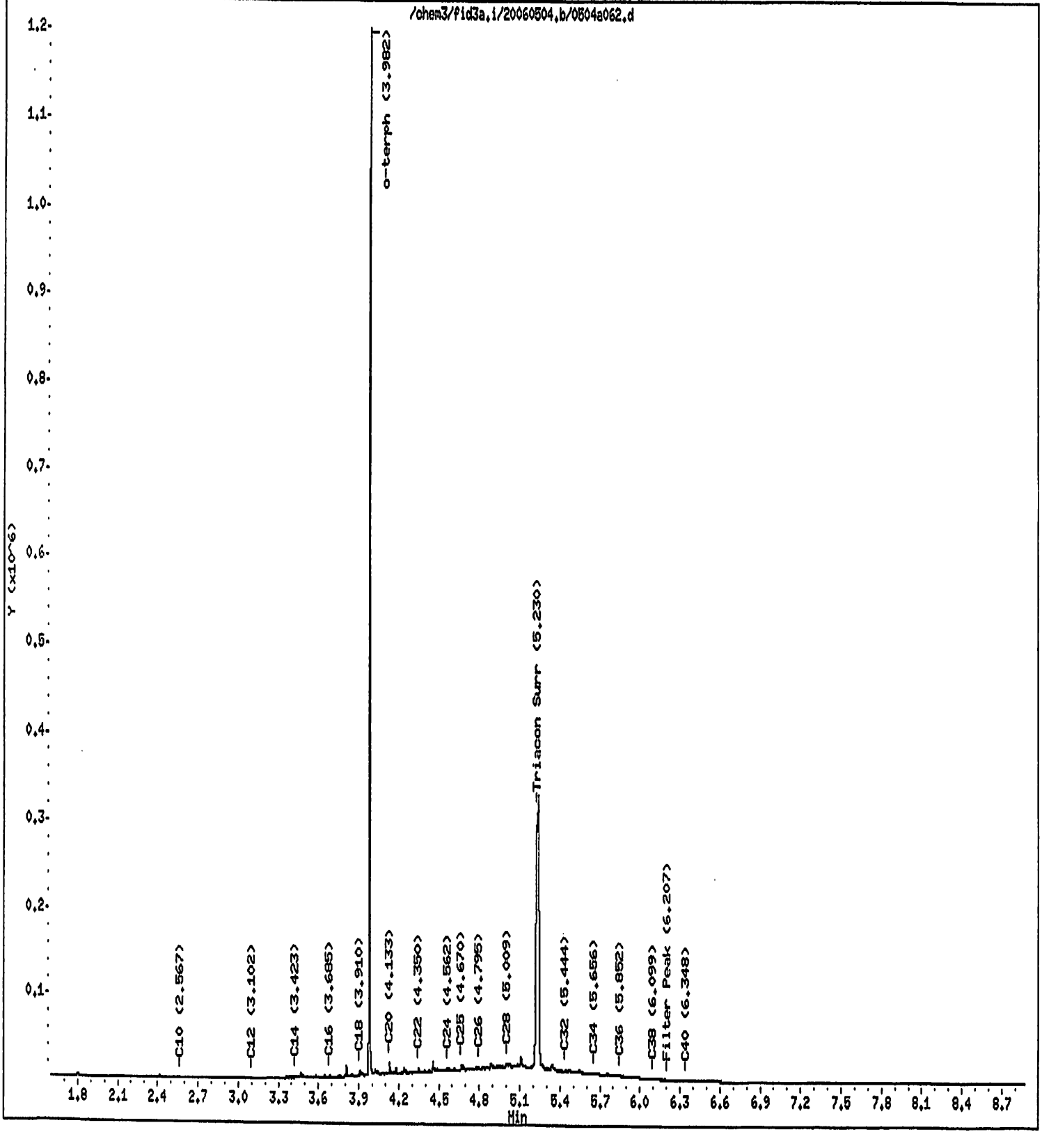
Column phase: RTX-1

Re-run

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060504.b/0504a113.d

Date : 05-MAY-2006 11:43

Client ID:

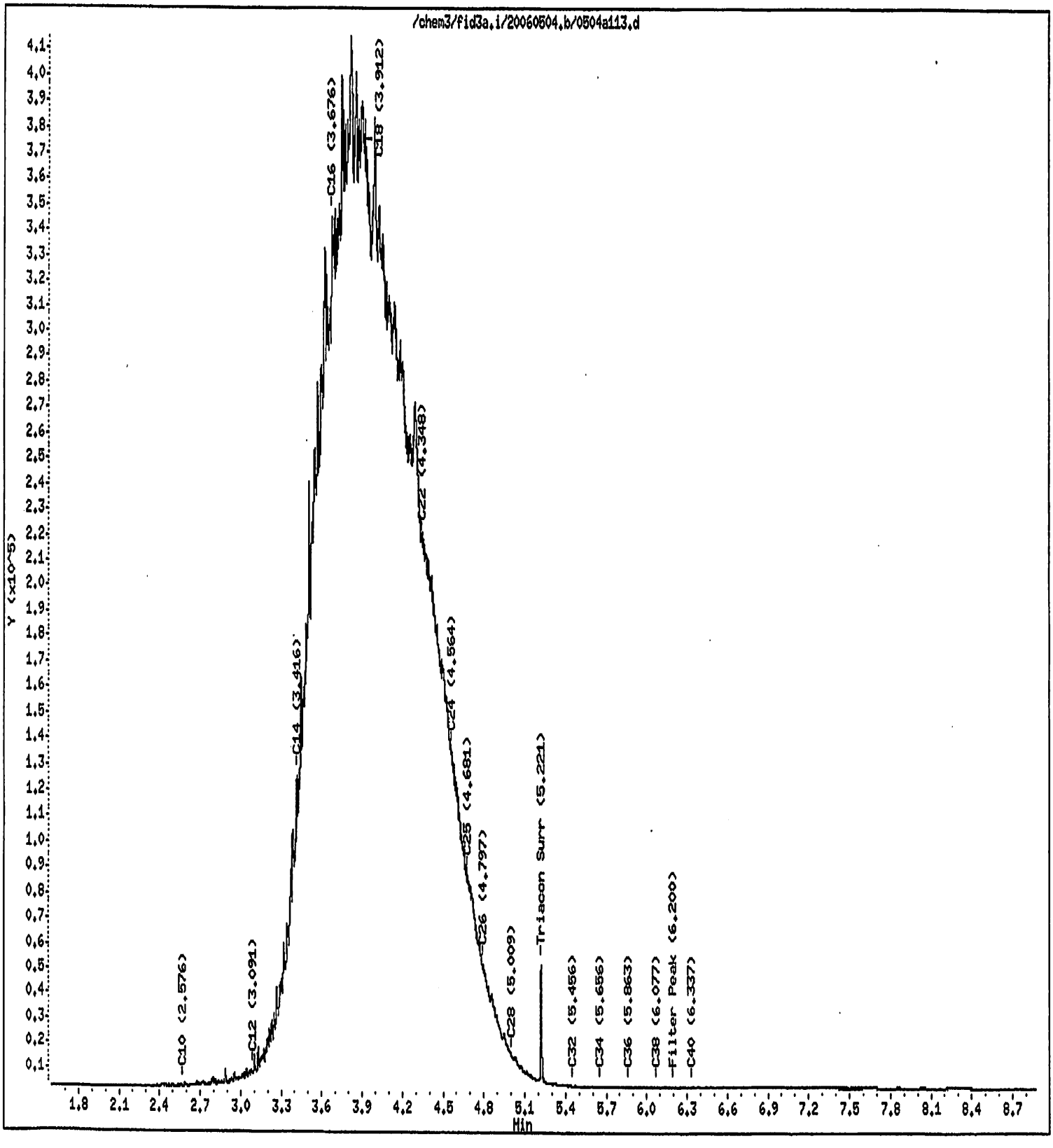
Sample Info: JI06C,20 RFP9- 050406

Column phase: RTX-1 Dilution -20X

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25



ANALYTICAL RESOURCES INCORPORATED

CLEANED TPHD SURROGATE RECOVERY SUMMARY

Matrix: Soil

QC Report No: JI06-Geomatrix
Project: 8769.005
FRP

Client ID	OTER	TOT OUT
MB-050406	101%	0
LCS-050406	112%	0
FRP7-050406	79.1%	0
FRP8-050406	67.3%	0
FRP9-050406	NR	0

	LCS/MB LIMITS	QC LIMITS
(OTER) = o-Terphenyl	(55-122)	(44-121)

Prep Method: SW3550B
Log Number Range: 06-7564 to 06-7566

FORM-II TPHD

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
NWTPHD by GC/FID-Silica and Acid Cleaned

Sample ID: LCS-050406
LAB CONTROL

Lab Sample ID: LCS-050406
LIMS ID: 06-7564
Matrix: Soil
Data Release Authorized: MW
Reported: 05/08/06

QC Report No: JI06-Geomatrix
Project: 8769.005
FRP
Date Sampled: 05/04/06
Date Received: 05/04/06

Date Extracted: 05/04/06
Date Analyzed: 05/04/06 20:54
Instrument/Analyst: FID/JGR

Sample Amount: 10.0 g
Final Extract Volume: 1.0 mL
Dilution Factor: 1.0

Range	Lab Control	Spike Added	Recovery
Diesel	134	150	89.3%

TPHD Surrogate Recovery

o-Terphenyl	112%

Results reported in mg/kg

ANALYTICAL RESOURCES INCORPORATED

TOTAL DIESEL RANGE HYDROCARBONS-EXTRACTION REPORT

ARI Job: JI06
Project: 8769.005
FRP

Matrix: Soil
Date Received: 05/04/06

ARI ID	Client ID	Client Amt	Final Vol	Basis	Prep Date
06-7564-050406MB1	Method Blank	10.0 g	1.00 mL	-	05/04/06
06-7564-050406LCS1	Lab Control	10.0 g	1.00 mL	-	05/04/06
06-7564-JI06A	FRP7-050406	8.91 g	1.00 mL	D	05/03/06
06-7565-JI06B	FRP8-050406	8.83 g	1.00 mL	D	05/03/06
06-7566-JI06C	FRP9-050406	8.48 g	1.00 mL	D	05/03/06

Basis: D=Dry Weight W=As Received

Analytical Resources, Incorporated
Analytical Chemists and Consultants

May 11, 2006

Larry McGaughey
Geomatrix
600 University Suite 1020
Seattle, WA 98101

RE: Project No: Former Rhone Poulenc / 8769
ARI Job No: JI56

Dear Larry:

Please find enclosed the original chain of custody documentation (COC) and the final results for the project referenced above. Analytical Resources Inc. (ARI) accepted one soil sample on May 9, 2006. ARI received the sample intact and there were no discrepancies in the paperwork.

The laboratory analyzed the sample for acid/silica gel cleaned NWTPH-D, as requested on the COC.

No analytical complications were noted. Quality control analysis results are included for your review. Chromatograms are included for your review.

A copy of these reports and all associated raw data will remain on file electronically with ARI. If you have any questions or require additional information, please feel free to contact me at your convenience.

Sincerely,
ANALYTICAL RESOURCES, INC.

Stephanie Lucas

Stephanie Lucas
Project Manager
(206) 695-6213
steph@arilabs.com

Enclosures

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 7156	Turn-around Requested: 1-day	Page: 1 of 1	
ARI Client Company: Geomatrix	Phone: 206-342-1760	Date: 5-9-06	Ice Present? Y
Client Contact: Larry McGaughey		No. of Coolers: 1	Cooler Temps: 4.6
Client Project Name: Former Rhone Poulenc			
Client Project #: 8769	Samplers: Dwight Smith		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TPH-D								Notes/Comments
RP1-050906	5-9-06	1007	S	1	X								

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Dwight Smith	(Signature)	(Signature)	(Signature)
	Printed Name: Dwight Smith	Printed Name: Brian Ikesc	Printed Name:	Printed Name:
	Company: Geomatrix	Company: ARI	Company:	Company:
	Date & Time: 5-9-06 1129	Date & Time: 5/9/06 1129	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
TOTAL DIESEL RANGE HYDROCARBONS
NWTPHD by GC/FID-Silica and Acid Cleaned
Page 1 of 1
Matrix: Soil

QC Report No: JI56-Geomatrix
Project: Former Rhone Poulenc
8769

Data Release Authorized:
Reported: 05/11/06

ARI ID	Sample ID	Extraction Date	Analysis Date	DL	Range	Result mg/kg
MB-050906	Method Blank	05/09/06	05/10/06	1.0	Diesel	< 5.0 U
06-7843	HC ID: ---		FID3A		Motor Oil	< 10 U
					o-Terphenyl	88.7%
JI56A	RP1-050906	05/09/06	05/10/06	10	**Diesel**	**1200**
06-7843	HC ID: **DRO**		FID3A		Motor Oil	< 140 U
					o-Terphenyl	98.4%

Diesel quantitation on total peaks in the range from C12 to C24.
Motor Oil quantitation on total peaks in the range from C24 to C38.
HC ID: DRO/RRO indicate results of organics or additional hydrocarbons in ranges are not identifiable.

ANALYTICAL RESOURCES INCORPORATED

CLEANED TPHD SURROGATE RECOVERY SUMMARY

Matrix: Soil

QC Report No: JI56-Geomatrix
Project: Former Rhone Poulenc 8769

Client ID	OTER	TOT OUT
MB-050906	88.7%	0
LCS-050906	86.2%	0
RP1-050906	98.4%	0

	LCS/MB LIMITS	QC LIMITS
(OTER) = o-Terphenyl	(55-122)	(44-121)

Prep Method: SW3550B
Log Number Range: 06-7843 to 06-7843

FORM-II TPHD

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
NWTPHD by GC/FID-Silica and Acid Cleaned

Sample ID: LCS-050906
LAB CONTROL

Lab Sample ID: LCS-050906
LIMS ID: 06-7843
Matrix: Soil
Data Release Authorized:
Reported: 05/11/06

QC Report No: JI56-Geomatrix
Project: Former Rhone Poulenc 8769
Date Sampled: 05/09/06
Date Received: 05/09/06

Date Extracted: 05/09/06
Date Analyzed: 05/10/06 11:31
Instrument/Analyst: FID/JGR

Sample Amount: 10.0 g
Final Extract Volume: 1.0 mL
Dilution Factor: 1.0

Range	Lab Control	Spike Added	Recovery
Diesel	116	150	77.3%

TPHD Surrogate Recovery

o-Terphenyl	86.2%

Results reported in mg/kg

ANALYTICAL RESOURCES INCORPORATED

TOTAL DIESEL RANGE HYDROCARBONS-EXTRACTION REPORT

ARI Job: JI56
Project: Former Rhone Poulenc 8769

Matrix: Soil
Date Received: 05/09/06

ARI ID	Client ID	Client Amt	Final Vol	Basis	Prep Date
06-7843-050906MB1	Method Blank	10.0 g	1.00 mL	-	05/09/06
06-7843-050906LCS1	Lab Control	10.0 g	1.00 mL	-	05/09/06
06-7843-JI56A	RP1-050906	7.03 g	1.00 mL	D	05/09/06

Basis: D=Dry Weight W=As Received

Data File: /chem3/fid3a.i/20060510.b/0510a029.d

Date : 10-MAY-2006 15:50

Client ID:

Sample Info: JI56A,10

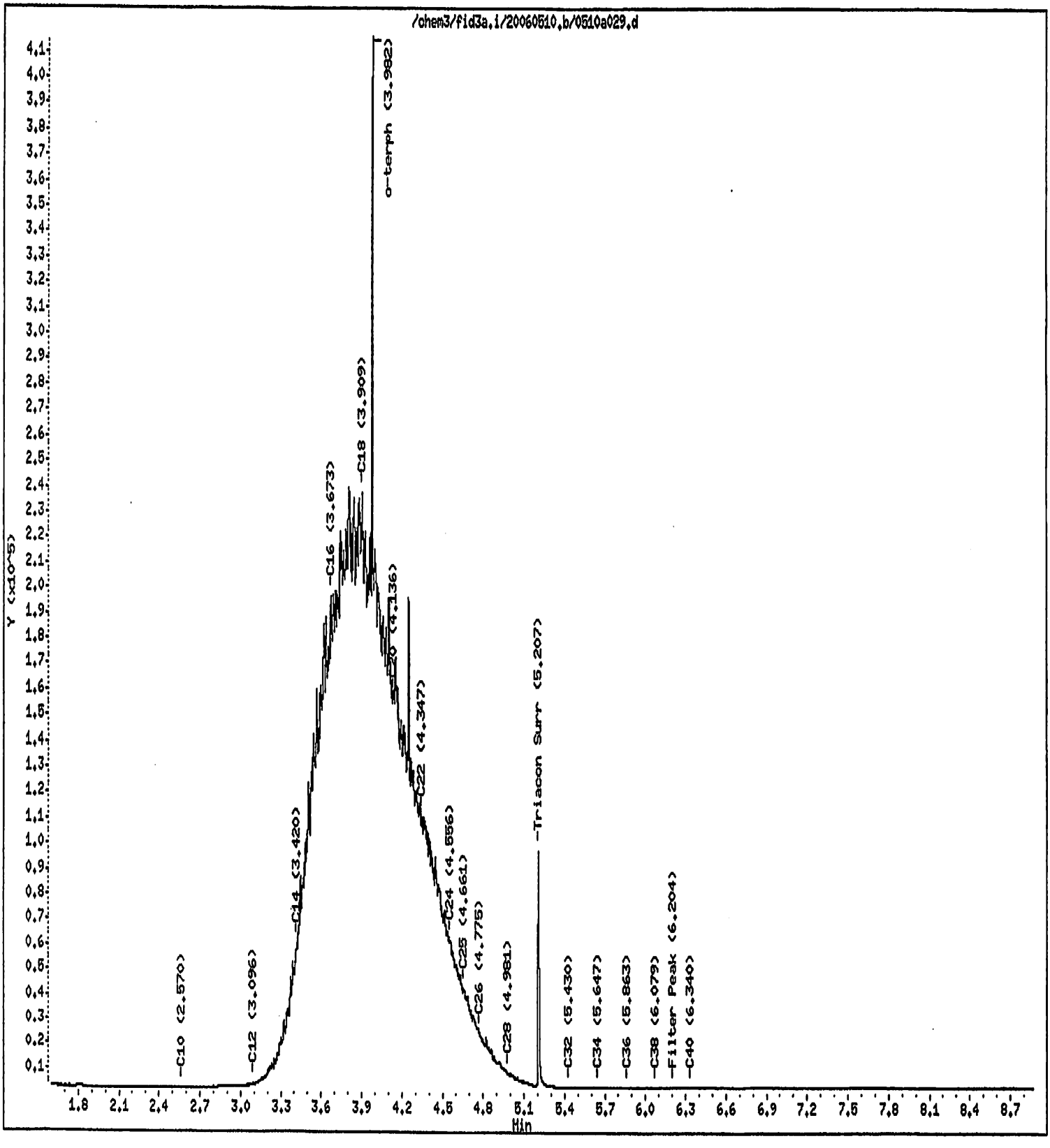
RP1-050906

Column phase: RTX-1

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060510.b/0510a013.d

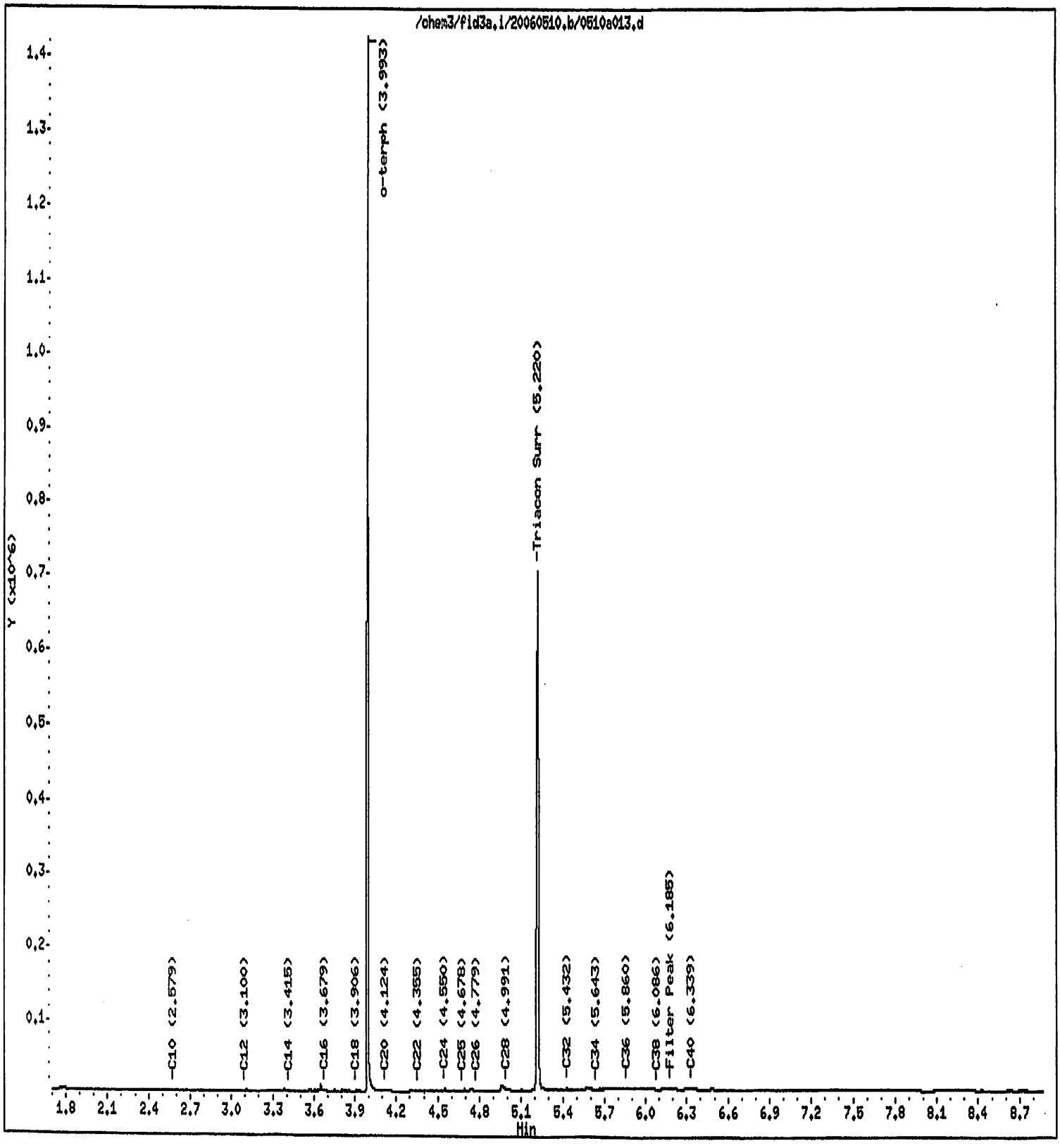
Date : 10-MAY-2006 11:14

Client ID:

Sample Info: JI56MBS1 Method Blank

Instrument: fid3a.i

Operator: PC

Column phase: RTX-1

Column diameter: 0.25