

**Analytical Resources, Incorporated**

Analytical Chemists and Consultants

June 2, 2006

Ms. Pam Morrill
CDM
11811 NE 1st, Suite 201
Bellevue, WA 98009

RE: Project ID: 38057-47522 Leathercare
ARI Job No: JI64

Dear Pam:

Please find enclosed the original chain of custody documentation (COCs) and the final results for the samples from the project referenced above. Analytical Resources Inc. (ARI) accepted ten water samples and a Trip Blank on May 9, 2006. The samples were received in good condition with no discrepancies in paperwork.

The samples were analyzed for volatile organic compounds 8260B, Diesel by NWTPHDx, Dissolved Gases by RSK-175 and a set of conventional parameters as instructed on the COC. Volatile samples analyses following low level methods were completed with no issues, so follow-up by 8260-SIM for Vinyl Chloride was unnecessary.

A small amount of sample MW12 was lost during the extraction process (less than 10%). No action was taken at that time. The surrogate recovery of MW12 was within limits at 75.6%, but this recovery was ~10% lower than the average surrogate recovery of the other samples in the job. As detected response in the diesel range was less than 1/2 the RL, no further corrective action was necessary. There were no other anomalies associated with this set of samples.

Diesel chromatograms have been included for your inspection.

A copy of these reports and the supporting data will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Susan D. Dunnihoo
Project Manager
Phone: 206-695-6207
sue@arilabs.com

cc: Efile JI64

Enclosures

PROJECT INFORMATION					ANALYSIS REQUEST														
Project Manager: Pam Morrill					Laboratory Number:														
Project Name: Leathercare					PETROLEUM HYDROCARBONS														
Project Number: 38057-47522					ORGANIC COMPOUNDS														
Site Location: Seattle					PESTS/PCBs														
Sampled By:					METALS														
DISPOSAL INFORMATION					LEACHING TESTS														
☒ Lab Disposal (return if not indicated)					OTHER														
Disposal Method:					NUMBER OF CONTAINERS														
Disposed by:					12														
Disposal Date:					12														
QC INFORMATION (check one)					12														
☐ SW-846 ☐ CLP ☐ Screening ☐ CDM Std. ☐ Special					12														
SAMPLE ID					12														
DATE					12														
TIME					12														
MATRIX					12														
LAB ID					12														
MW3					12														
MW12					12														
LC6					12														
LC3					12														
LC1					12														
LC4					12														
LC2					12														
LC5					12														
LAB INFORMATION					RECEIVED BY: 1.														
Lab Name: ARI					RECEIVED BY: 2.														
Lab Address: 4611 S 134th Pl NW					RECEIVED BY: 3.														
Tukwila, WA 98168					Signature: Mary Lou Fox														
Via: Hand-delivered					Time: 1750														
Turn Around Time: ☒ Standard ☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 1 wk.					Printed Name: Mary Lou Fox														
PRIOR AUTHORIZATION IS REQUIRED FOR RUSH DATA					Date: 5/9/06														
Special Instructions: Extra vials for simvc (.2ppb) if 20-ml purge not doable					Company: CDM														
CDM OFFICES: Bellevue: (206) 453-8383					Signature: Eric Branson														
					Time: 1750														
					Printed Name: ERIC BRANSON														
					Date: 5/9/06														
					Company: ARI														



Date 5/9/06 Page 2 of 2

LAB INFORMATION		SAMPLE RECEIPT		RELINQUISHED BY: 1.		RELINQUISHED BY: 2.		RELINQUISHED BY: 3.	
Lab Name: ARI	Total Number of Containers:			Signature: Mary Lou Fox	Time: 1750	Signature:	Time:	Signature:	Time:
Lab Address: 4611 S 134th Place	Chain-of-Custody Seals: Y/N/NA			Printed Name: Mary Lou Fox	Date: 5/9/06	Printed Name:	Date:	Printed Name:	Date:
Tulwiltz, WA 98168	Intact?: Y/N/NA			Company: COM		Company:		Company:	
Via:	Received in Good Condition/Cold:								
Turn Around Time: ☒ Standard ☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 1 wk.				RECEIVED BY: 1.		RECEIVED BY: 2.		RECEIVED BY: 3.	
PRIOR AUTHORIZATION IS REQUIRED FOR RUSH DATA				Signature: Eric Branow	Time: 1750	Signature:	Time:	Signature:	Time:
Special Instructions: Ext 12 vial provided for sim vial (2ppbk) if 20-mL purge not doable				Printed Name: Eric Branow	Date: 5/9/06	Printed Name:	Date:	Printed Name:	Date:
				Company: ARI		Company:		Company:	

VOA SURROGATE RECOVERY SUMMARY



Matrix: Water

QC Report No: JI64-CDM
Project: Leathercare
38057-47522

ARI ID	Client ID	PV	DCE	TOL	BFB	DCB	TOT OUT
MB-051806	Method Blank	20	92.2%	101%	92.8%	106%	0
LCS-051806	Lab Control	20	96.2%	97.0%	98.2%	92.0%	0
LCSD-051806	Lab Control Dup	20	91.0%	94.2%	92.0%	90.2%	0
JI64A	MW3	20	91.8%	96.5%	92.5%	104%	0
JI64B	MW12	20	93.0%	102%	92.0%	104%	0
JI64C	LC6	20	100%	100%	94.2%	104%	0
JI64D	LC3	20	97.0%	96.8%	89.0%	107%	0
MB-052206	Method Blank	20	108%	98.2%	91.8%	102%	0
LCS-052206	Lab Control	20	109%	102%	104%	97.2%	0
LCSD-052206	Lab Control Dup	20	102%	97.0%	99.8%	89.0%	0
JI64E	LC1	20	112%	99.8%	94.5%	110%	0
MB-051906	Method Blank	20	100%	98.8%	95.8%	104%	0
LCS-051906	Lab Control	20	91.8%	95.0%	92.2%	87.5%	0
LCSD-051906	Lab Control Dup	20	109%	96.5%	99.5%	93.5%	0
JI64F	LC4	20	108%	99.8%	97.2%	102%	0
JI64G	LC2	20	110%	98.5%	95.0%	102%	0
JI64H	LC5	20	111%	100%	102%	107%	0
JI64I	Field Blank	20	106%	95.8%	91.0%	100%	0
JI64J	LC0	20	115%	90.8%	97.0%	104%	0
JI64K	TRIP BLANK	20	108%	96.8%	94.5%	102%	0

LCS/MB LIMITS

QC LIMITS

	5mL Purge	20mL Purge	5mL Purge	20mL Purge
SW8260B				
(DCE) = d4-1,2-Dichloroethane	70-134	63-127	66-142	66-139
(TOL) = d8-Toluene	78-123	77-117	75-124	82-123
(BFB) = Bromofluorobenzene	78-121	68-116	75-121	71-113
(DCB) = d4-1,2-Dichlorobenzene	79-116	79-113	78-124	84-125

Prep Method: SW5030B
Log Number Range: 06-7893 to 06-7903

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: MW3
SAMPLE

Lab Sample ID: JI64A

LIMS ID: 06-7893

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 05/23/06

QC Report No: JI64-CDM

Project: Leathercare

38057-47522

Date Sampled: 05/09/06

Date Received: 05/09/06

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/19/06 02:21

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	1.2	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	0.2	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2Sample ID: MW3
SAMPLE

Lab Sample ID: JI64A

QC Report No: JI64-CDM

LIMS ID: 06-7893

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 02:21

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	91.8%
d8-Toluene	96.5%
Bromofluorobenzene	92.5%
d4-1,2-Dichlorobenzene	104%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: MW12
SAMPLE

Lab Sample ID: JI64B

LIMS ID: 06-7894

Matrix: Water

Data Release Authorized:

Reported: 05/23/06

QC Report No: JI64-CDM

Project: Leathercare

38057-47522

Date Sampled: 05/09/06

Date Received: 05/09/06

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/19/06 02:49

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	1.8	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2Sample ID: MW12
SAMPLE

Lab Sample ID: JI64B

QC Report No: JI64-CDM

LIMS ID: 06-7894

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 02:49

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	93.0%
d8-Toluene	102%
Bromofluorobenzene	92.0%
d4-1,2-Dichlorobenzene	104%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: LC6
SAMPLE

Lab Sample ID: JI64C

QC Report No: JI64-CDM

LIMS ID: 06-7895

Project: Leathercare

Matrix: Water

38057-47522

Data Release Authorized:

Date Sampled: 05/09/06

Reported: 05/23/06

Date Received: 05/09/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/19/06 03:16

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	1.2	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	1.7	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	2.4	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2Sample ID: LC6
SAMPLE

Lab Sample ID: JI64C

QC Report No: JI64-CDM

LIMS ID: 06-7895

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 03:16

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	100%
d8-Toluene	100%
Bromofluorobenzene	94.2%
d4-1,2-Dichlorobenzene	104%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: LC3
SAMPLE

Lab Sample ID: JI64D

LIMS ID: 06-7896

Matrix: Water

Data Release Authorized:

Reported: 05/23/06

QC Report No: JI64-CDM

Project: Leathercare

38057-47522

Date Sampled: 05/09/06

Date Received: 05/09/06

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/19/06 03:43

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	2.0	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	1.3	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	2.4	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	0.2	
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	0.6	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	2.9	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LC3

Page 2 of 2

SAMPLE

Lab Sample ID: JI64D

QC Report No: JI64-CDM

LIMS ID: 06-7896

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 03:43

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.0%
d8-Toluene	96.8%
Bromofluorobenzene	89.0%
d4-1,2-Dichlorobenzene	107%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LC1

Page 1 of 2

SAMPLE

Lab Sample ID: JI64E

QC Report No: JI64-CDM

LIMS ID: 06-7897

Project: Leathercare

Matrix: Water

38057-47522

Data Release Authorized: 

Date Sampled: 05/09/06

Reported: 05/23/06

Date Received: 05/09/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/22/06 17:31

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	1.1	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	1.5	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	5.9	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	2.8	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	2.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LC1

Page 2 of 2

SAMPLE

Lab Sample ID: JI64E

QC Report No: JI64-CDM

LIMS ID: 06-7897

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/22/06 17:31

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	99.8%
Bromofluorobenzene	94.5%
d4-1,2-Dichlorobenzene	110%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LC4

Page 1 of 2

SAMPLE

Lab Sample ID: JI64F

QC Report No: JI64-CDM

LIMS ID: 06-7898

Project: Leathercare

Matrix: Water

38057-47522

Data Release Authorized: 

Date Sampled: 05/09/06

Reported: 05/23/06

Date Received: 05/09/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/19/06 17:50

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	2.6	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	1.5	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	0.4	
156-59-2	cis-1,2-Dichloroethene	0.2	7.6	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	2.4	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	0.7	
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	14	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2Sample ID: LC4
SAMPLE

Lab Sample ID: JI64F

QC Report No: JI64-CDM

LIMS ID: 06-7898

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 17:50

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	108%
d8-Toluene	99.8%
Bromofluorobenzene	97.2%
d4-1,2-Dichlorobenzene	102%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: LC2
SAMPLE

Lab Sample ID: JI64G

LIMS ID: 06-7899

Matrix: Water

Data Release Authorized: 

Reported: 05/23/06

QC Report No: JI64-CDM

Project: Leathercare

38057-47522

Date Sampled: 05/09/06

Date Received: 05/09/06

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/19/06 18:17

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	2.8	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	2.3	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	0.4	
156-60-5	trans-1,2-Dichloroethene	0.2	0.9	
156-59-2	cis-1,2-Dichloroethene	0.2	14	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	4.0	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	0.4	
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	9.4	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2Sample ID: LC2
SAMPLE

Lab Sample ID: JI64G

QC Report No: JI64-CDM

LIMS ID: 06-7899

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 18:17

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	110%
d8-Toluene	98.5%
Bromofluorobenzene	95.0%
d4-1,2-Dichlorobenzene	102%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LC5

Page 1 of 2

SAMPLE

Lab Sample ID: JI64H

QC Report No: JI64-CDM

LIMS ID: 06-7900

Project: Leathercare

Matrix: Water

38057-47522

Data Release Authorized:

Date Sampled: 05/09/06

Reported: 05/23/06

Date Received: 05/09/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/19/06 18:44

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	4.8	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	2.1	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	0.2	
156-59-2	cis-1,2-Dichloroethene	0.2	3.4	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	0.5	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	0.4	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LC5

Page 2 of 2

SAMPLE

Lab Sample ID: JI64H

QC Report No: JI64-CDM

LIMS ID: 06-7900

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 18:44

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	111%
d8-Toluene	100%
Bromofluorobenzene	102%
d4-1,2-Dichlorobenzene	107%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: Field Blank

Page 1 of 2

SAMPLE

Lab Sample ID: JI64I

QC Report No: JI64-CDM

LIMS ID: 06-7901

Project: Leathercare

Matrix: Water

38057-47522

Data Release Authorized:

Date Sampled: 05/09/06

Reported: 05/23/06

Date Received: 05/09/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/19/06 19:12

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	5.2	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	0.4	
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: Field Blank

Page 2 of 2

SAMPLE

Lab Sample ID: JI64I

QC Report No: JI64-CDM

LIMS ID: 06-7901

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 19:12

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	106%
d8-Toluene	95.8%
Bromofluorobenzene	91.0%
d4-1,2-Dichlorobenzene	100%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LC0

Page 1 of 2

SAMPLE

Lab Sample ID: JI64J

QC Report No: JI64-CDM

LIMS ID: 06-7902

Project: Leathercare

Matrix: Water

38057-47522

Data Release Authorized:

Date Sampled: 05/09/06

Reported: 05/23/06

Date Received: 05/09/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/19/06 19:39

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	2.6	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	1.7	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	0.4	
156-59-2	cis-1,2-Dichloroethene	0.2	7.9	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	2.4	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	0.6	
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	14	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LC0

Page 2 of 2

SAMPLE

Lab Sample ID: JI64J

QC Report No: JI64-CDM

LIMS ID: 06-7902

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 19:39

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in $\mu\text{g/L}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	115%
d8-Toluene	90.8%
Bromofluorobenzene	97.0%
d4-1,2-Dichlorobenzene	104%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: TRIP BLANK
SAMPLE

Lab Sample ID: JI64K

LIMS ID: 06-7903

Matrix: Water

Data Release Authorized: 

Reported: 05/23/06

QC Report No: JI64-CDM

Project: Leathercare

38057-47522

Date Sampled: 03/08/06

Date Received: 05/09/06

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/19/06 20:06

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	0.4	
67-64-1	Acetone	1.0	1.5	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	0.3	
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: TRIP BLANK

Page 2 of 2

SAMPLE

Lab Sample ID: JI64K

QC Report No: JI64-CDM

LIMS ID: 06-7903

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 20:06

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in $\mu\text{g/L}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	108%
d8-Toluene	96.8%
Bromofluorobenzene	94.5%
d4-1,2-Dichlorobenzene	102%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: MB-051806
METHOD BLANK

Lab Sample ID: MB-051806

LIMS ID: 06-7893

Matrix: Water

Data Release Authorized:

Reported: 05/23/06

QC Report No: JI64-CDM

Project: Leathercare

38057-47522

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/18/06 18:08

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	< 1.0	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Page 2 of 2

Sample ID: MB-051806

METHOD BLANK

Lab Sample ID: MB-051806

LIMS ID: 06-7893

Matrix: Water

Date Analyzed: 05/18/06 18:08

QC Report No: JI64-CDM

Project: Leathercare

38057-47522

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.2%
d8-Toluene	101%
Bromofluorobenzene	92.8%
d4-1,2-Dichlorobenzene	106%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: MB-051906
METHOD BLANK

Lab Sample ID: MB-051906

LIMS ID: 06-7898

Matrix: Water

Data Release Authorized: 

Reported: 05/23/06

QC Report No: JI64-CDM

Project: Leathercare

38057-47522

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/19/06 11:20

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	< 1.0	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: MB-051906

Page 2 of 2

METHOD BLANK

Lab Sample ID: MB-051906

QC Report No: JI64-CDM

LIMS ID: 06-7898

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 11:20

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	100%
d8-Toluene	98.8%
Bromofluorobenzene	95.8%
d4-1,2-Dichlorobenzene	104%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: MB-052206
METHOD BLANK

Lab Sample ID: MB-052206

LIMS ID: 06-7897

Matrix: Water

Data Release Authorized: 

Reported: 05/23/06

QC Report No: JI64-CDM

Project: Leathercare

38057-47522

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/22/06 10:52

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	< 1.0	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2Sample ID: MB-052206
METHOD BLANKLab Sample ID: MB-052206
LIMS ID: 06-7897
Matrix: Water
Date Analyzed: 05/22/06 10:52QC Report No: JI64-CDM
Project: Leathercare
38057-47522

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	108%
d8-Toluene	98.2%
Bromofluorobenzene	91.8%
d4-1,2-Dichlorobenzene	102%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Page 1 of 2

Sample ID: LCS-051806

LAB CONTROL SAMPLE

Lab Sample ID: LCS-051806

LIMS ID: 06-7893

Matrix: Water

Data Release Authorized:

Reported: 05/23/06

QC Report No: JI64-CDM

Project: Leathercare

38057-47522

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN3/PAB

LCSD: FINN3/PAB

Date Analyzed LCS: 05/18/06 17:20

LCSD: 05/18/06 17:41

Sample Amount LCS: 20.0 mL

LCSD: 20.0 mL

Purge Volume LCS: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%
Bromomethane	3.6	4.0	90.0%	3.5	4.0	87.5%	2.8%
Vinyl Chloride	3.7	4.0	92.5%	3.4	4.0	85.0%	8.5%
Chloroethane	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
Methylene Chloride	3.7	4.0	92.5%	3.4	4.0	85.0%	8.5%
Acetone	17.4	20.0	87.0%	18.3	20.0	91.5%	5.0%
Carbon Disulfide	3.9	4.0	97.5%	3.6	4.0	90.0%	8.0%
1,1-Dichloroethene	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
1,1-Dichloroethane	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
trans-1,2-Dichloroethene	3.7	4.0	92.5%	3.5	4.0	87.5%	5.6%
cis-1,2-Dichloroethene	3.9	4.0	97.5%	3.8	4.0	95.0%	2.6%
Chloroform	3.9	4.0	97.5%	3.6	4.0	90.0%	8.0%
1,2-Dichloroethane	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
2-Butanone	16.8	20.0	84.0%	16.0	20.0	80.0%	4.9%
1,1,1-Trichloroethane	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
Carbon Tetrachloride	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
Vinyl Acetate	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%
Bromodichloromethane	4.2	4.0	105%	4.0	4.0	100%	4.9%
1,2-Dichloropropane	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
cis-1,3-Dichloropropene	3.1	4.0	77.5%	3.0	4.0	75.0%	3.3%
Trichloroethene	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
Dibromochloromethane	3.3	4.0	82.5%	3.1	4.0	77.5%	6.2%
1,1,2-Trichloroethane	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
Benzene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
trans-1,3-Dichloropropene	3.2	4.0	80.0%	2.9	4.0	72.5%	9.8%
2-Chloroethylvinylether	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
Bromoform	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%
4-Methyl-2-Pentanone (MIBK)	18.5	20.0	92.5%	17.5	20.0	87.5%	5.6%
2-Hexanone	19.3	20.0	96.5%	17.2	20.0	86.0%	11.5%
Tetrachloroethene	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
1,1,2,2-Tetrachloroethane	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
Toluene	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
Chlorobenzene	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
Ethylbenzene	4.3	4.0	108%	4.0	4.0	100%	7.2%
Styrene	4.2	4.0	105%	4.0	4.0	100%	4.9%
Trichlorofluoromethane	3.9	4.0	97.5%	3.8	4.0	95.0%	2.6%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LCS-051806

Page 2 of 2

LAB CONTROL SAMPLE

Lab Sample ID: LCS-051806

QC Report No: JI64-CDM

LIMS ID: 06-7893

Project: Leathercare

Matrix: Water

38057-47522

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,1,2-Trichloro-1,2,2-trifluoroetha	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
m,p-Xylene	8.0	8.0	100%	7.8	8.0	97.5%	2.5%
o-Xylene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
1,2-Dichlorobenzene	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
1,3-Dichlorobenzene	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
1,4-Dichlorobenzene	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
Acrolein	17.4	20.0	87.0%	16.4	20.0	82.0%	5.9%
Methyl Iodide	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
Bromoethane	3.8	4.0	95.0%	3.7	4.0	92.5%	2.7%
Acrylonitrile	3.6	4.0	90.0%	3.4	4.0	85.0%	5.7%
1,1-Dichloropropene	3.8	4.0	95.0%	3.7	4.0	92.5%	2.7%
Dibromomethane	3.8	4.0	95.0%	3.5	4.0	87.5%	8.2%
1,1,1,2-Tetrachloroethane	3.6	4.0	90.0%	3.4	4.0	85.0%	5.7%
1,2-Dibromo-3-chloropropane	3.5	4.0	87.5%	3.2	4.0	80.0%	9.0%
1,2,3-Trichloropropane	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
trans-1,4-Dichloro-2-butene	3.6	4.0	90.0%	3.5	4.0	87.5%	2.8%
1,3,5-Trimethylbenzene	4.1	4.0	102%	4.0	4.0	100%	2.5%
1,2,4-Trimethylbenzene	4.1	4.0	102%	4.0	4.0	100%	2.5%
Hexachlorobutadiene	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
Ethylene Dibromide	3.5	4.0	87.5%	3.3	4.0	82.5%	5.9%
Bromochloromethane	3.8	4.0	95.0%	3.7	4.0	92.5%	2.7%
2,2-Dichloropropane	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
1,3-Dichloropropane	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
Isopropylbenzene	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
n-Propylbenzene	4.3	4.0	108%	4.2	4.0	105%	2.4%
Bromobenzene	3.8	4.0	95.0%	3.7	4.0	92.5%	2.7%
2-Chlorotoluene	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
4-Chlorotoluene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
tert-Butylbenzene	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
sec-Butylbenzene	4.1	4.0	102%	4.0	4.0	100%	2.5%
4-Isopropyltoluene	4.0	4.0	100%	4.1	4.0	102%	2.5%
n-Butylbenzene	4.1	4.0	102%	3.9	4.0	97.5%	5.0%
1,2,4-Trichlorobenzene	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
Naphthalene	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%
1,2,3-Trichlorobenzene	3.5	4.0	87.5%	3.4	4.0	85.0%	2.9%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	96.2%	91.0%
d8-Toluene	97.0%	94.2%
Bromofluorobenzene	98.2%	92.0%
d4-1,2-Dichlorobenzene	92.0%	90.2%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LCS-051906

Page 1 of 2

LAB CONTROL SAMPLE

Lab Sample ID: LCS-051906

QC Report No: JI64-CDM

LIMS ID: 06-7898

Project: Leathercare

Matrix: Water

38057-47522

Data Release Authorized:

Date Sampled: NA

Reported: 05/23/06

Date Received: NA

Instrument/Analyst LCS: FINN3/PAB

Sample Amount LCS: 20.0 mL

LCSD: FINN3/PAB

LCSD: 20.0 mL

Date Analyzed LCS: 05/19/06 10:14

Purge Volume LCS: 20.0 mL

LCSD: 05/19/06 10:52

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	3.7	4.0	92.5%	4.1	4.0	102%	10.3%
Bromomethane	3.0	4.0	75.0%	3.1	4.0	77.5%	3.3%
Vinyl Chloride	4.0	4.0	100%	4.2	4.0	105%	4.9%
Chloroethane	3.8	4.0	95.0%	4.2	4.0	105%	10.0%
Methylene Chloride	3.4	4.0	85.0%	3.9	4.0	97.5%	13.7%
Acetone	20.5	20.0	102%	24.1	20.0	120%	16.1%
Carbon Disulfide	4.0	4.0	100%	4.4	4.0	110%	9.5%
1,1-Dichloroethene	3.8	4.0	95.0%	4.1	4.0	102%	7.6%
1,1-Dichloroethane	3.8	4.0	95.0%	4.2	4.0	105%	10.0%
trans-1,2-Dichloroethene	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
cis-1,2-Dichloroethene	3.7	4.0	92.5%	4.0	4.0	100%	7.8%
Chloroform	3.6	4.0	90.0%	3.9	4.0	97.5%	8.0%
1,2-Dichloroethane	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
2-Butanone	17.8	20.0	89.0%	19.7	20.0	98.5%	10.1%
1,1,1-Trichloroethane	3.5	4.0	87.5%	4.0	4.0	100%	13.3%
Carbon Tetrachloride	3.9	4.0	97.5%	3.8	4.0	95.0%	2.6%
Vinyl Acetate	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
Bromodichloromethane	4.0	4.0	100%	4.3	4.0	108%	7.2%
1,2-Dichloropropane	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
cis-1,3-Dichloropropene	3.1	4.0	77.5%	3.3	4.0	82.5%	6.2%
Trichloroethene	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
Dibromochloromethane	3.1	4.0	77.5%	3.6	4.0	90.0%	14.9%
1,1,2-Trichloroethane	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
Benzene	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
trans-1,3-Dichloropropene	3.2	4.0	80.0%	3.4	4.0	85.0%	6.1%
2-Chloroethylvinylether	4.0	4.0	100%	4.4	4.0	110%	9.5%
Bromoform	3.4	4.0	85.0%	3.9	4.0	97.5%	13.7%
4-Methyl-2-Pentanone (MIBK)	17.7	20.0	88.5%	19.4	20.0	97.0%	9.2%
2-Hexanone	18.4	20.0	92.0%	20.3	20.0	102%	9.8%
Tetrachloroethene	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
1,1,2,2-Tetrachloroethane	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
Toluene	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
Chlorobenzene	3.6	4.0	90.0%	4.0	4.0	100%	10.5%
Ethylbenzene	4.0	4.0	100%	4.2	4.0	105%	4.9%
Styrene	3.9	4.0	97.5%	4.3	4.0	108%	9.8%
Trichlorofluoromethane	4.1	4.0	102%	4.4	4.0	110%	7.1%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2

Sample ID: LCS-051906

LAB CONTROL SAMPLE

Lab Sample ID: LCS-051906
LIMS ID: 06-7898
Matrix: WaterQC Report No: JI64-CDM
Project: Leathercare
38057-47522

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,1,2-Trichloro-1,2,2-trifluoroetha	4.0	4.0	100%	4.2	4.0	105%	4.9%
m,p-Xylene	7.8	8.0	97.5%	8.3	8.0	104%	6.2%
o-Xylene	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
1,2-Dichlorobenzene	3.6	4.0	90.0%	3.8	4.0	95.0%	5.4%
1,3-Dichlorobenzene	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
1,4-Dichlorobenzene	3.5	4.0	87.5%	3.7	4.0	92.5%	5.6%
Acrolein	17.2	20.0	86.0%	20.7	20.0	104%	18.5%
Methyl Iodide	3.4	4.0	85.0%	3.6	4.0	90.0%	5.7%
Bromoethane	3.8	4.0	95.0%	4.2	4.0	105%	10.0%
Acrylonitrile	3.4	4.0	85.0%	4.1	4.0	102%	18.7%
1,1-Dichloropropene	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
Dibromomethane	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
1,1,1,2-Tetrachloroethane	3.3	4.0	82.5%	3.7	4.0	92.5%	11.4%
1,2-Dibromo-3-chloropropane	3.3	4.0	82.5%	4.1	4.0	102%	21.6%
1,2,3-Trichloropropane	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
trans-1,4-Dichloro-2-butene	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
1,3,5-Trimethylbenzene	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
1,2,4-Trimethylbenzene	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
Hexachlorobutadiene	3.5	4.0	87.5%	3.7	4.0	92.5%	5.6%
Ethylene Dibromide	3.3	4.0	82.5%	3.7	4.0	92.5%	11.4%
Bromochloromethane	3.5	4.0	87.5%	4.0	4.0	100%	13.3%
2,2-Dichloropropane	3.8	4.0	95.0%	4.2	4.0	105%	10.0%
1,3-Dichloropropane	3.7	4.0	92.5%	4.0	4.0	100%	7.8%
Isopropylbenzene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
n-Propylbenzene	4.2	4.0	105%	4.1	4.0	102%	2.4%
Bromobenzene	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
2-Chlorotoluene	3.4	4.0	85.0%	4.0	4.0	100%	16.2%
4-Chlorotoluene	3.9	4.0	97.5%	4.1	4.0	102%	5.0%
tert-Butylbenzene	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
sec-Butylbenzene	4.0	4.0	100%	4.1	4.0	102%	2.5%
4-Isopropyltoluene	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
n-Butylbenzene	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
1,2,4-Trichlorobenzene	3.5	4.0	87.5%	3.6	4.0	90.0%	2.8%
Naphthalene	3.3	4.0	82.5%	3.4	4.0	85.0%	3.0%
1,2,3-Trichlorobenzene	3.4	4.0	85.0%	3.5	4.0	87.5%	2.9%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	91.8%	109%
d8-Toluene	95.0%	96.5%
Bromofluorobenzene	92.2%	99.5%
d4-1,2-Dichlorobenzene	87.5%	93.5%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: LCS-052206
LAB CONTROL SAMPLELab Sample ID: LCS-052206
LIMS ID: 06-7897
Matrix: Water
Data Release Authorized:
Reported: 05/23/06QC Report No: JI64-CDM
Project: Leathercare
38057-47522
Date Sampled: NA
Date Received: NAInstrument/Analyst LCS: FINN3/PAB
LCSD: FINN3/PAB
Date Analyzed LCS: 05/22/06 09:48
LCSD: 05/22/06 10:24Sample Amount LCS: 20.0 mL
LCSD: 20.0 mL
Purge Volume LCS: 20.0 mL
LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
Bromomethane	3.2	4.0	80.0%	3.1	4.0	77.5%	3.2%
Vinyl Chloride	4.1	4.0	102%	3.8	4.0	95.0%	7.6%
Chloroethane	4.2	4.0	105%	4.0	4.0	100%	4.9%
Methylene Chloride	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
Acetone	20.8	20.0	104%	18.8	20.0	94.0%	10.1%
Carbon Disulfide	4.7	4.0	118%	4.4	4.0	110%	6.6%
1,1-Dichloroethene	4.1	4.0	102%	4.0	4.0	100%	2.5%
1,1-Dichloroethane	4.4	4.0	110%	4.2	4.0	105%	4.7%
trans-1,2-Dichloroethene	4.2	4.0	105%	3.8	4.0	95.0%	10.0%
cis-1,2-Dichloroethene	4.2	4.0	105%	3.8	4.0	95.0%	10.0%
Chloroform	4.3	4.0	108%	4.0	4.0	100%	7.2%
1,2-Dichloroethane	4.2	4.0	105%	4.0	4.0	100%	4.9%
2-Butanone	18.9	20.0	94.5%	18.6	20.0	93.0%	1.6%
1,1,1-Trichloroethane	4.5	4.0	112%	4.2	4.0	105%	6.9%
Carbon Tetrachloride	4.5	4.0	112%	4.1	4.0	102%	9.3%
Vinyl Acetate	4.5	4.0	112%	4.2	4.0	105%	6.9%
Bromodichloromethane	4.6	4.0	115%	4.4	4.0	110%	4.4%
1,2-Dichloropropane	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
cis-1,3-Dichloropropene	3.7	4.0	92.5%	3.5	4.0	87.5%	5.6%
Trichloroethene	4.1	4.0	102%	3.9	4.0	97.5%	5.0%
Dibromochloromethane	3.6	4.0	90.0%	3.4	4.0	85.0%	5.7%
1,1,2-Trichloroethane	4.2	4.0	105%	3.8	4.0	95.0%	10.0%
Benzene	4.1	4.0	102%	4.0	4.0	100%	2.5%
trans-1,3-Dichloropropene	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
2-Chloroethylvinylether	4.6	4.0	115%	4.2	4.0	105%	9.1%
Bromoform	4.0	4.0	100%	3.6	4.0	90.0%	10.5%
4-Methyl-2-Pentanone (MIBK)	19.8	20.0	99.0%	18.2	20.0	91.0%	8.4%
2-Hexanone	20.0	20.0	100%	19.0	20.0	95.0%	5.1%
Tetrachloroethene	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
1,1,2,2-Tetrachloroethane	4.1	4.0	102%	4.0	4.0	100%	2.5%
Toluene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
Chlorobenzene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
Ethylbenzene	4.4	4.0	110%	4.2	4.0	105%	4.7%
Styrene	4.3	4.0	108%	4.0	4.0	100%	7.2%
Trichlorofluoromethane	4.7	4.0	118%	4.3	4.0	108%	8.9%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LCS-052206

Page 2 of 2

LAB CONTROL SAMPLE

Lab Sample ID: LCS-052206

QC Report No: JI64-CDM

LIMS ID: 06-7897

Project: Leathercare

Matrix: Water

38057-47522

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,1,2-Trichloro-1,2,2-trifluoroetha	4.6	4.0	115%	4.2	4.0	105%	9.1%
m,p-Xylene	8.3	8.0	104%	8.3	8.0	104%	0.0%
o-Xylene	4.2	4.0	105%	3.9	4.0	97.5%	7.4%
1,2-Dichlorobenzene	4.2	4.0	105%	3.7	4.0	92.5%	12.7%
1,3-Dichlorobenzene	4.2	4.0	105%	3.7	4.0	92.5%	12.7%
1,4-Dichlorobenzene	4.3	4.0	108%	3.8	4.0	95.0%	12.3%
Acrolein	19.0	20.0	95.0%	18.4	20.0	92.0%	3.2%
Methyl Iodide	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
Bromoethane	4.2	4.0	105%	4.1	4.0	102%	2.4%
Acrylonitrile	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
1,1-Dichloropropene	4.3	4.0	108%	4.0	4.0	100%	7.2%
Dibromomethane	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
1,1,1,2-Tetrachloroethane	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
1,2-Dibromo-3-chloropropane	4.3	4.0	108%	3.6	4.0	90.0%	17.7%
1,2,3-Trichloropropane	4.1	4.0	102%	3.8	4.0	95.0%	7.6%
trans-1,4-Dichloro-2-butene	4.2	4.0	105%	3.8	4.0	95.0%	10.0%
1,3,5-Trimethylbenzene	4.6	4.0	115%	4.2	4.0	105%	9.1%
1,2,4-Trimethylbenzene	4.6	4.0	115%	4.2	4.0	105%	9.1%
Hexachlorobutadiene	4.0	4.0	100%	3.5	4.0	87.5%	13.3%
Ethylene Dibromide	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
Bromochloromethane	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
2,2-Dichloropropane	5.2	4.0	130%	4.7	4.0	118%	10.1%
1,3-Dichloropropane	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
Isopropylbenzene	4.5	4.0	112%	4.2	4.0	105%	6.9%
n-Propylbenzene	5.0	4.0	125%	4.5	4.0	112%	10.5%
Bromobenzene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
2-Chlorotoluene	4.0	4.0	100%	4.3	4.0	108%	7.2%
4-Chlorotoluene	4.4	4.0	110%	4.1	4.0	102%	7.1%
tert-Butylbenzene	4.3	4.0	108%	3.9	4.0	97.5%	9.8%
sec-Butylbenzene	4.7	4.0	118%	4.3	4.0	108%	8.9%
4-Isopropyltoluene	4.6	4.0	115%	4.1	4.0	102%	11.5%
n-Butylbenzene	4.7	4.0	118%	4.2	4.0	105%	11.2%
1,2,4-Trichlorobenzene	3.8	4.0	95.0%	3.5	4.0	87.5%	8.2%
Naphthalene	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
1,2,3-Trichlorobenzene	3.8	4.0	95.0%	3.4	4.0	85.0%	11.1%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	109%	102%
d8-Toluene	102%	97.0%
Bromofluorobenzene	104%	99.8%
d4-1,2-Dichlorobenzene	97.2%	89.0%

ORGANICS ANALYSIS DATA SHEET
TOTAL DIESEL RANGE HYDROCARBONS
NWTPHD by GC/FID
Page 1 of 1
Matrix: Water

QC Report No: JI64-CDM
Project: Leathercare
38057-47522
Date Received: 05/09/06

Data Release Authorized: 
Reported: 05/22/06

ARI ID	Sample ID	Extraction Date	Analysis Date	DL	Range	Result mg/L
MB-051606 06-7893	Method Blank HC ID: ---	05/16/06	05/18/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 88.9%
JI64A 06-7893	MW3 HC ID: ---	05/16/06	05/18/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	0.61 < 0.50 U 84.7%
JI64B 06-7894	MW12 HC ID: ---	05/16/06	05/18/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 75.6%
JI64C 06-7895	LC6 HC ID: DRO	05/16/06	05/18/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	0.35 < 0.50 U 76.2%
JI64D 06-7896	LC3 HC ID: ---	05/16/06	05/18/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 88.2%
JI64E 06-7897	LC1 HC ID: ---	05/16/06	05/18/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 90.4%
JI64F 06-7898	LC4 HC ID: ---	05/16/06	05/18/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 87.1%
JI64G 06-7899	LC2 HC ID: ---	05/16/06	05/18/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 81.6%
JI64H 06-7900	LC5 HC ID: DRO	05/16/06	05/18/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	0.35 < 0.50 U 84.9%
JI64J 06-7902	LC0 HC ID: ---	05/16/06	05/18/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 86.2%

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 indicates results of organics or additional hydrocarbons in
ranges are not identifiable.

Data File: /chem3/fid3a.i/20060516.b/0516a198.d

Page 1

Date : 18-MAY-2006 18:06

Client ID:

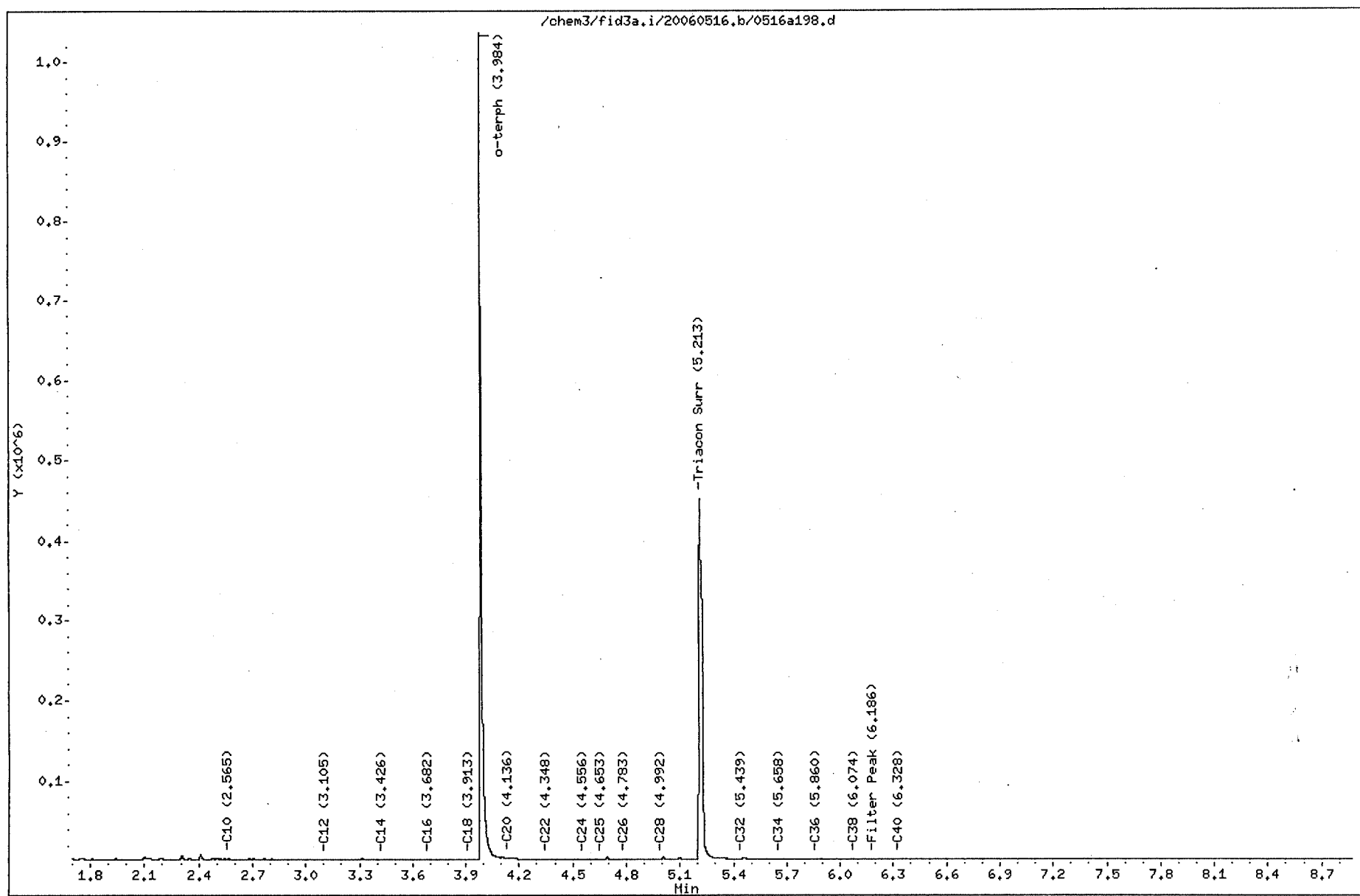
Sample Info: JI64HBM1

Instrument: fid3a.i

Operator: PC

Column phase: RTX-1

Column diameter: 0,25



Data File: /chem3/fid3a.i/20060516.b/0516a200.d

Page 1

Date : 18-MAY-2006 18:41

Client ID:

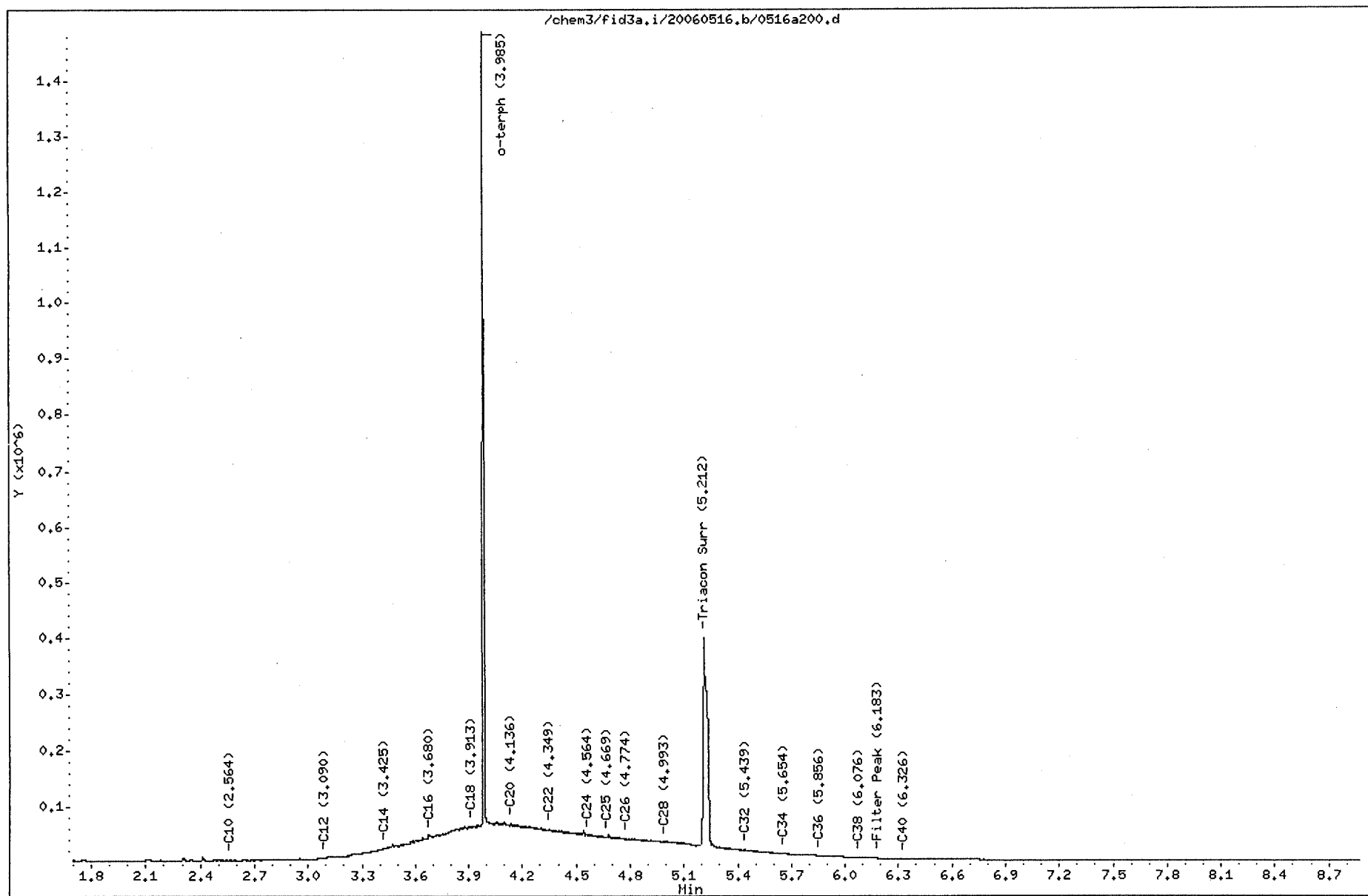
Sample Info: JI64A

Instrument: fid3a.i

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060516.b/0516a201.d

Page 1

Date : 18-MAY-2006 18:59

Client ID:

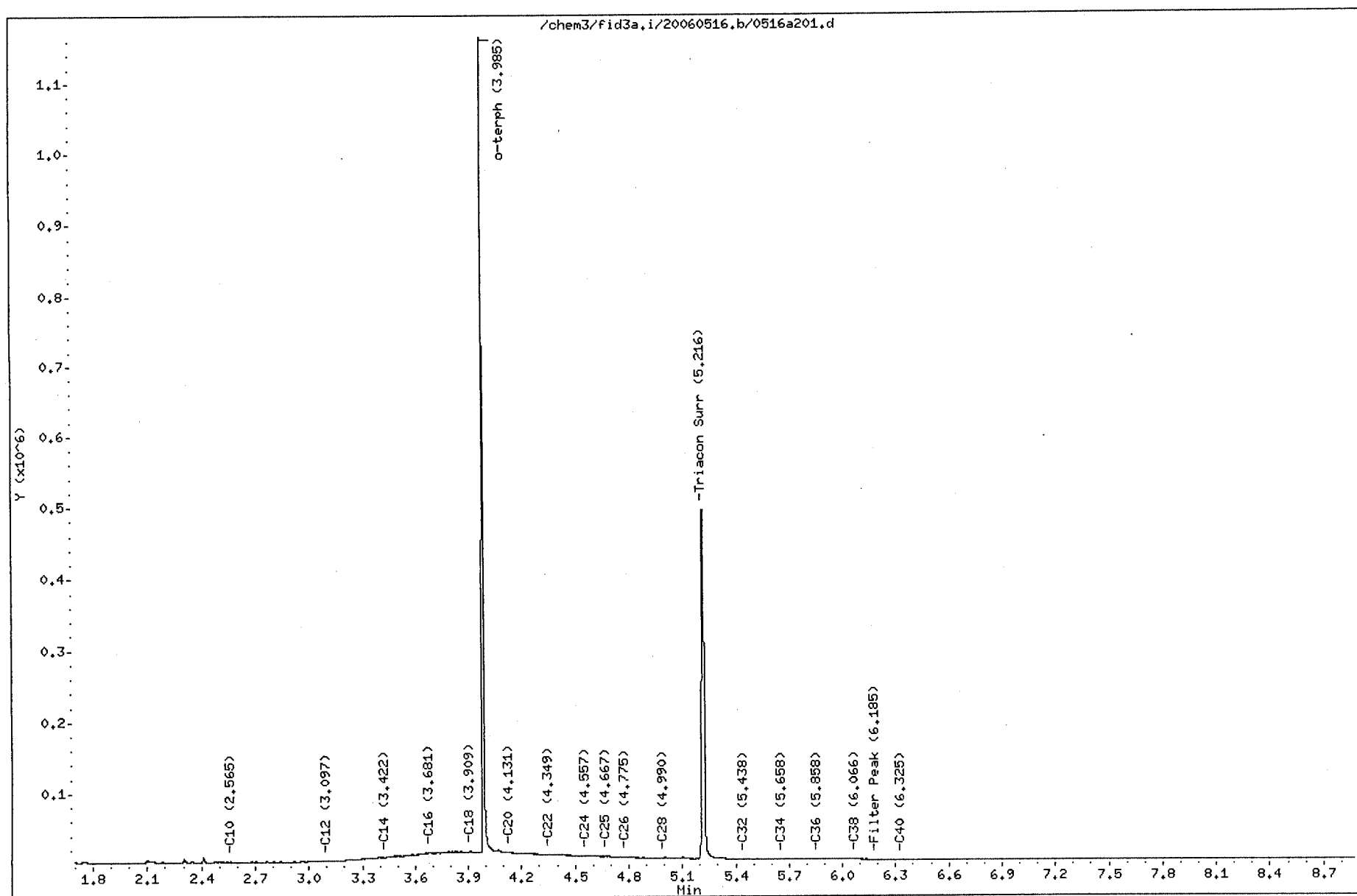
Sample Info: JI64B

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25

Column phase: RTX-1



Data File: /chem3/fid3a.i/20060516.b/0516a202.d

Page 1

Date : 18-MAY-2006 19:16

Client ID:

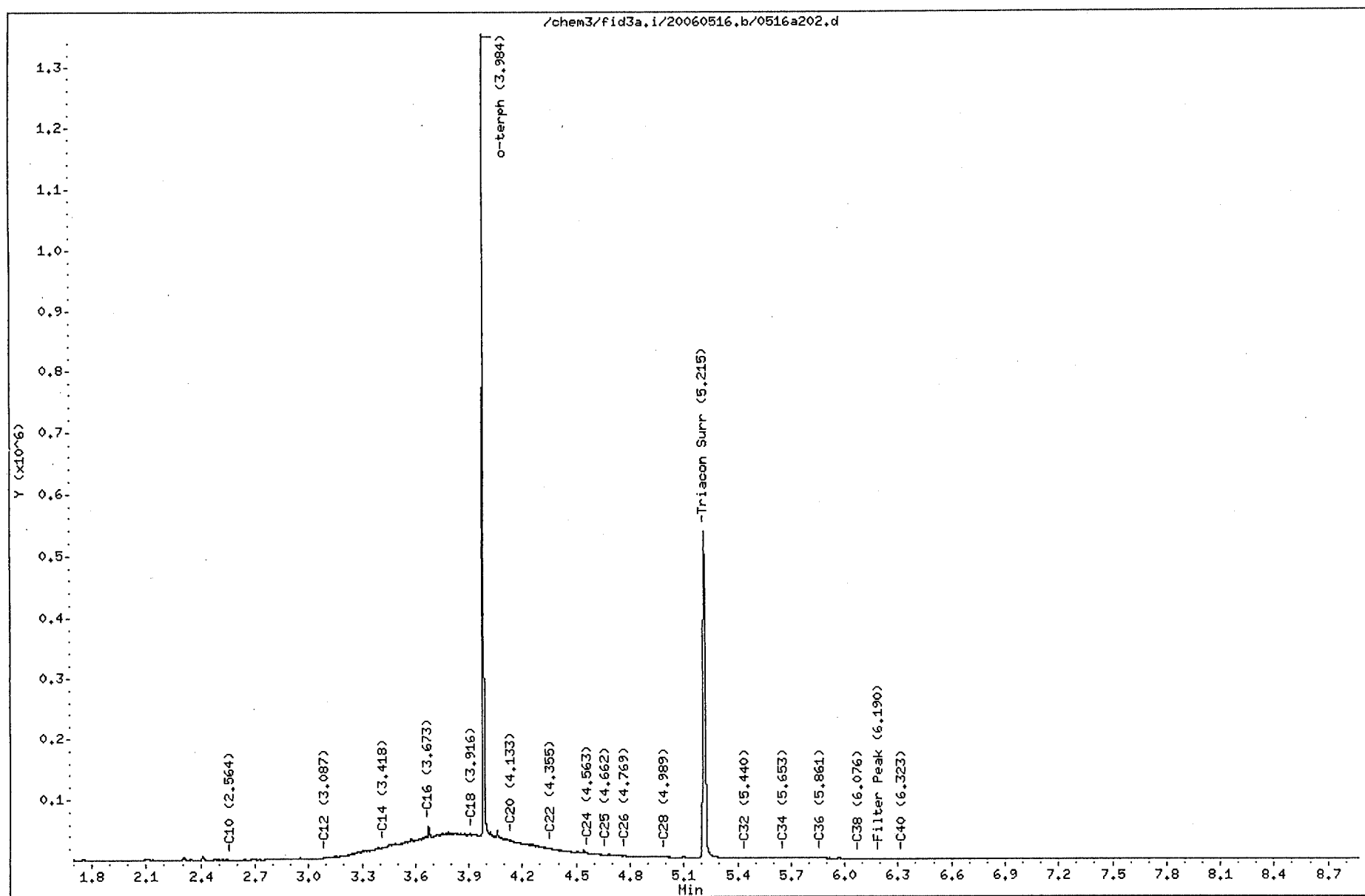
Sample Info: JI64C

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25

Column phase: RTX-1



Data File: /chem3/fid3a.i/20060516.b/0516a203.d

Page 1

Date : 18-MAY-2006 19:34

Client ID:

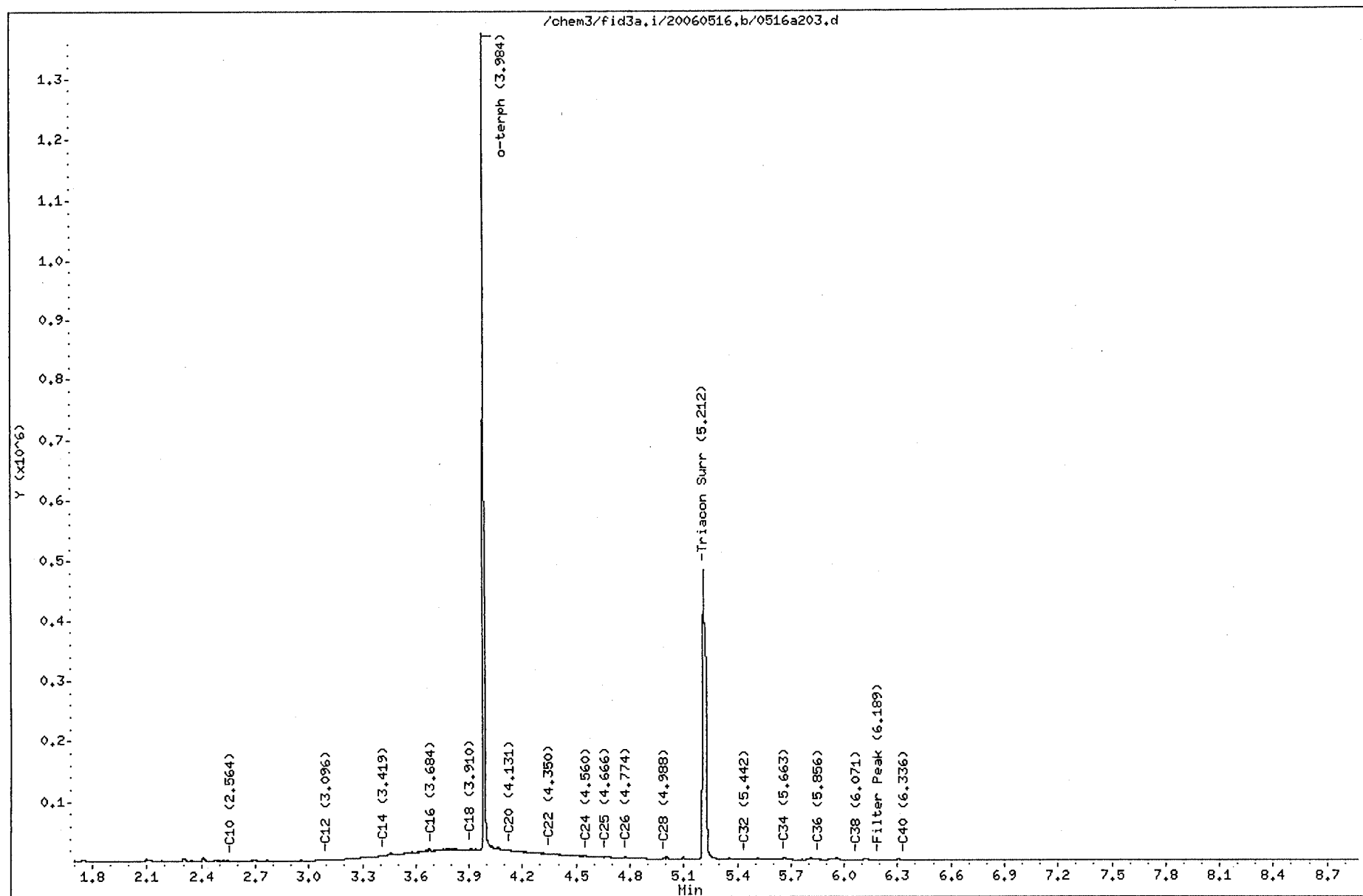
Sample Info: JI64D

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25

Column phase: RTX-1



Data File: /chem3/fid3a.i/20060516.b/0516a204.d

Date : 18-MAY-2006 19:51

Client ID:

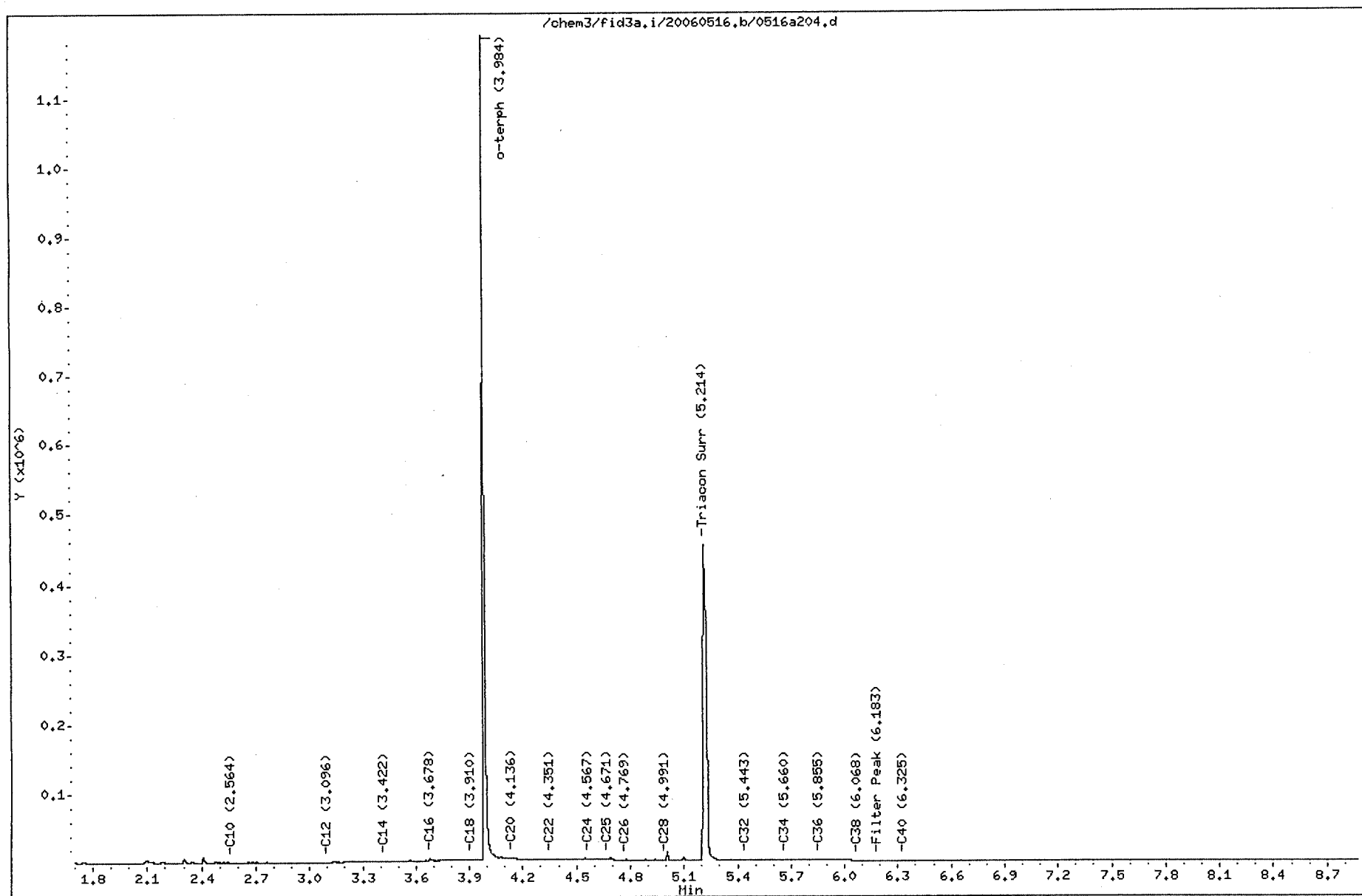
Sample Info: JI64E

Column phase: RTX-1

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060516.b/0516a205.d

Page 1

Date : 18-MAY-2006 20:09

Client ID:

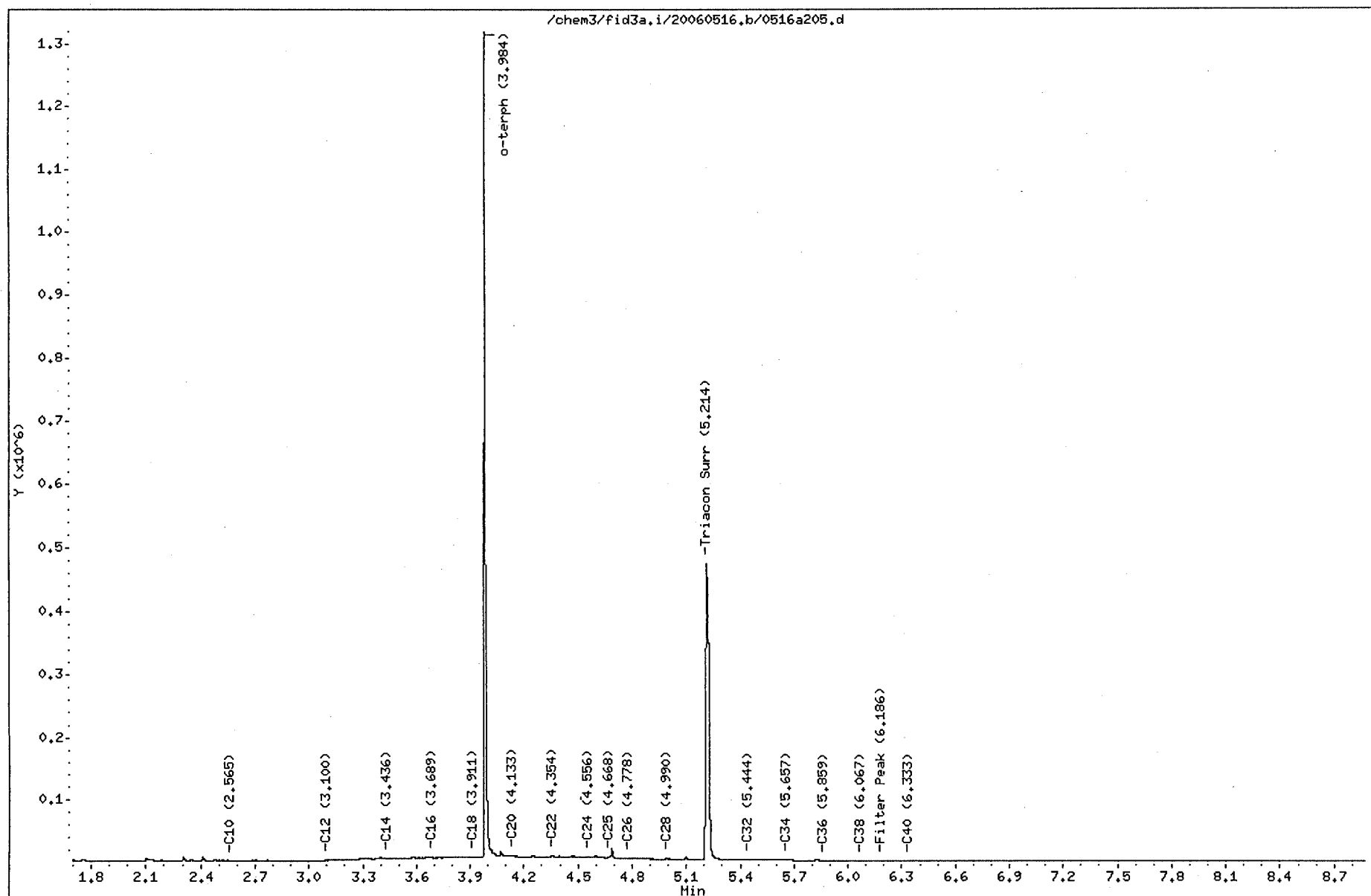
Instrument: fid3a.i

Sample Info: JI64F

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060516.b/0516a206.d

Page 1

Date : 18-MAY-2006 20:26

Client ID:

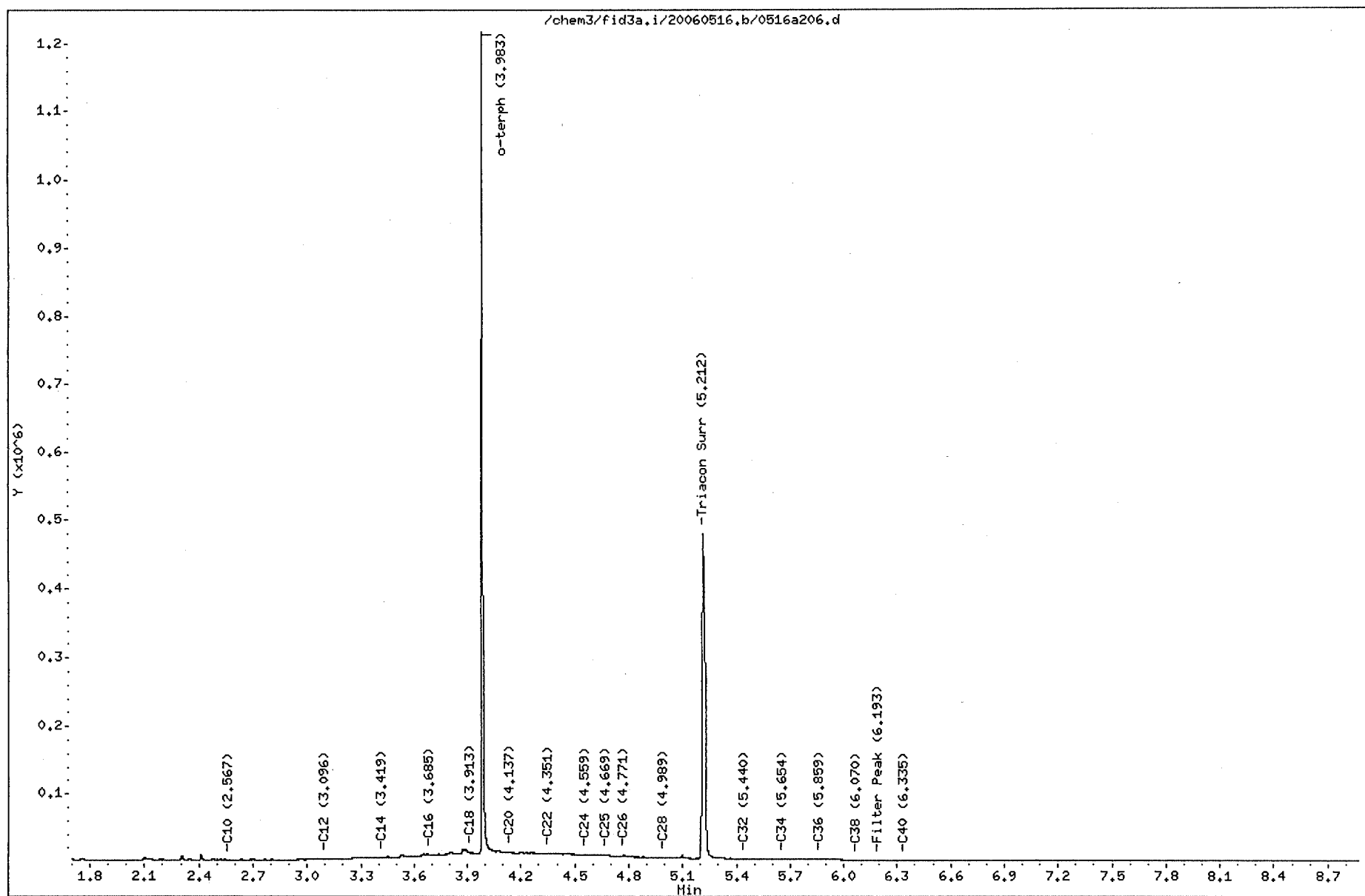
Sample Info: JI64G

Instrument: fid3a.i

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060516.b/0516a212.d

Page 1

Date : 18-MAY-2006 22:11

Client ID:

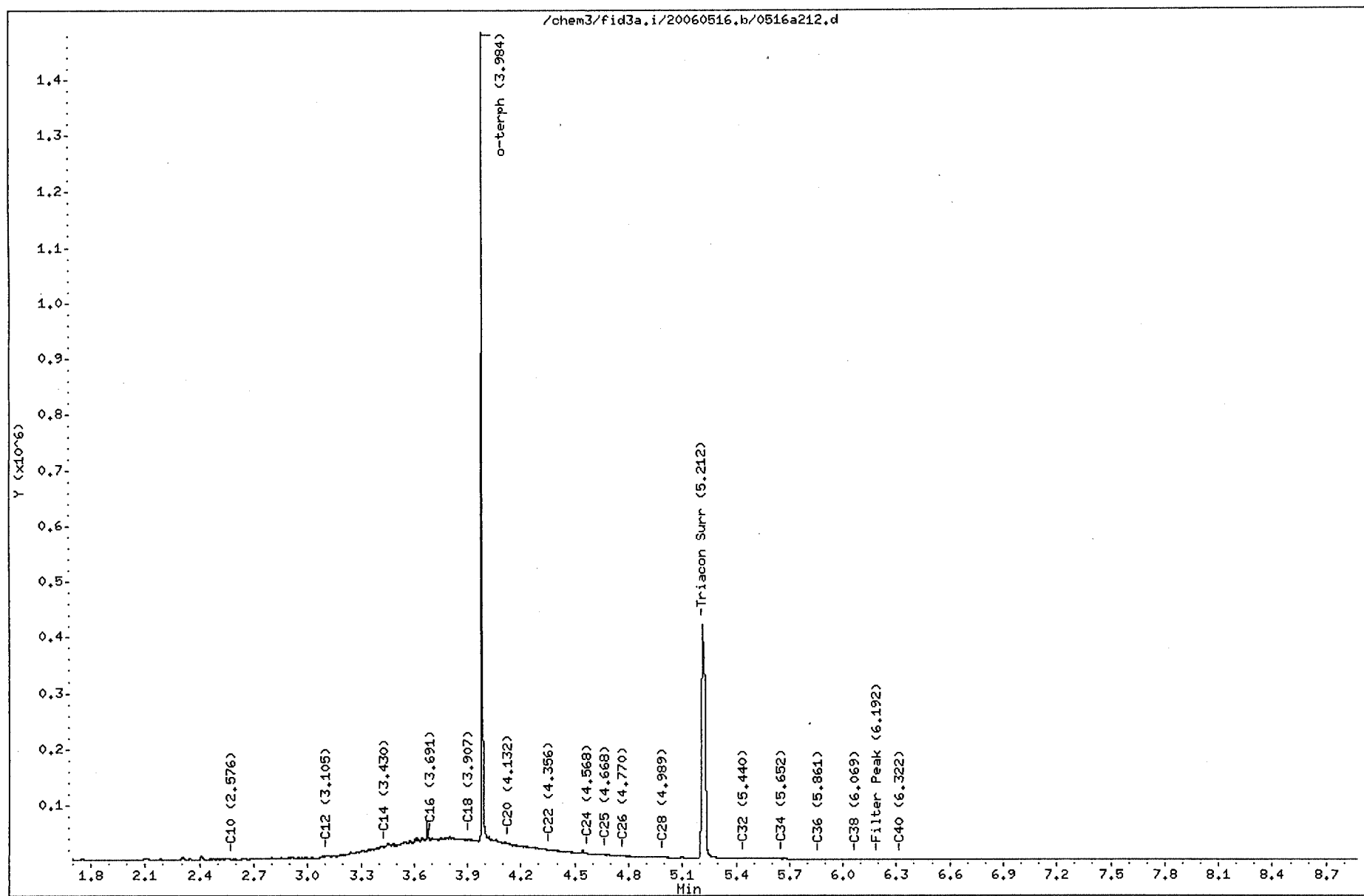
Sample Info: JI64H

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25

Column phase: RTX-1



Data File: /chem3/fid3a.i/20060516.b/0516a213.d

Page 1

Date : 18-MAY-2006 22:28

Client ID:

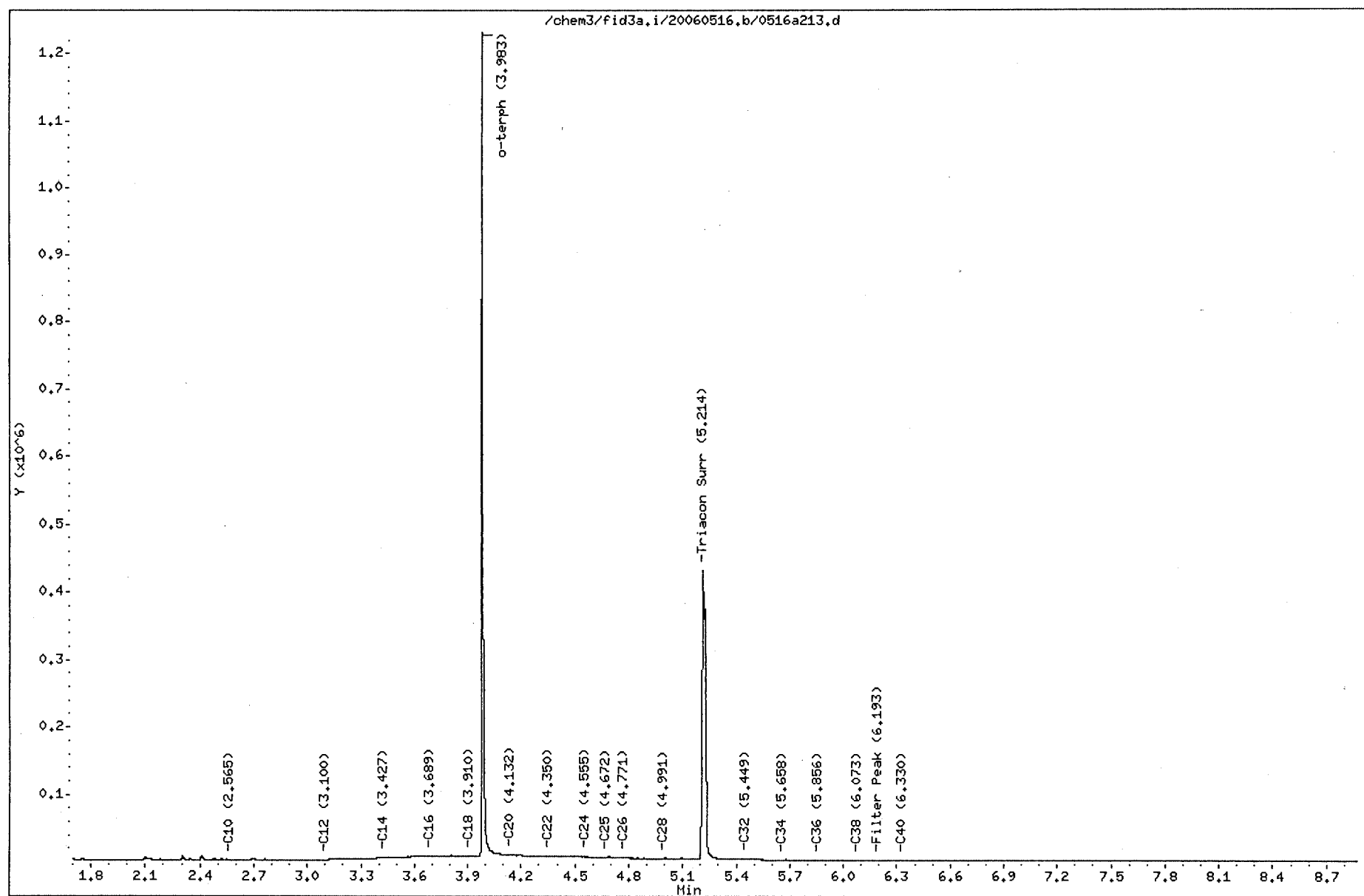
Instrument: fid3a.i

Sample Info: JI64J

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



TPHD SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: JI64-CDM
Project: Leathercare
38057-47522

Client ID	OTER	TOT OUT
MB-051606	88.9%	0
LCS-051606	90.2%	0
MW3	84.7%	0
MW12	75.6%	0
LC6	76.2%	0
LC3	88.2%	0
LC1	90.4%	0
LC4	87.1%	0
LC2	81.6%	0
LC5	84.9%	0
LC0	86.2%	0

LCS/MB LIMITS QC LIMITS

(OTER) = o-Terphenyl

(60-116)

(52-124)

Prep Method: SW3510C
Log Number Range: 06-7893 to 06-7902

ORGANICS ANALYSIS DATA SHEET

NWTPHD by GC/FID

Page 1 of 1

Sample ID: LCS-051606

LAB CONTROL

Lab Sample ID: LCS-051606

LIMS ID: 06-7893

Matrix: Water

Data Release Authorized: 

Reported: 05/22/06

QC Report No: JI64-CDM

Project: Leathercare

38057-47522

Date Sampled: NA

Date Received: NA

Date Extracted: 05/16/06

Date Analyzed: 05/18/06 18:23

Instrument/Analyst: FID3A/JGR

Sample Amount: 500 mL

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Range	Lab Control	Spike Added	Recovery
Diesel	2.56	3.00	85.3%

TPHD Surrogate Recovery

o-Terphenyl	90.2%
-------------	-------

Results reported in mg/L

Data File: /chem3/fid3a.i/20060516.b/0516a199.d

Page 1

Date : 18-MAY-2006 18:23

Client ID:

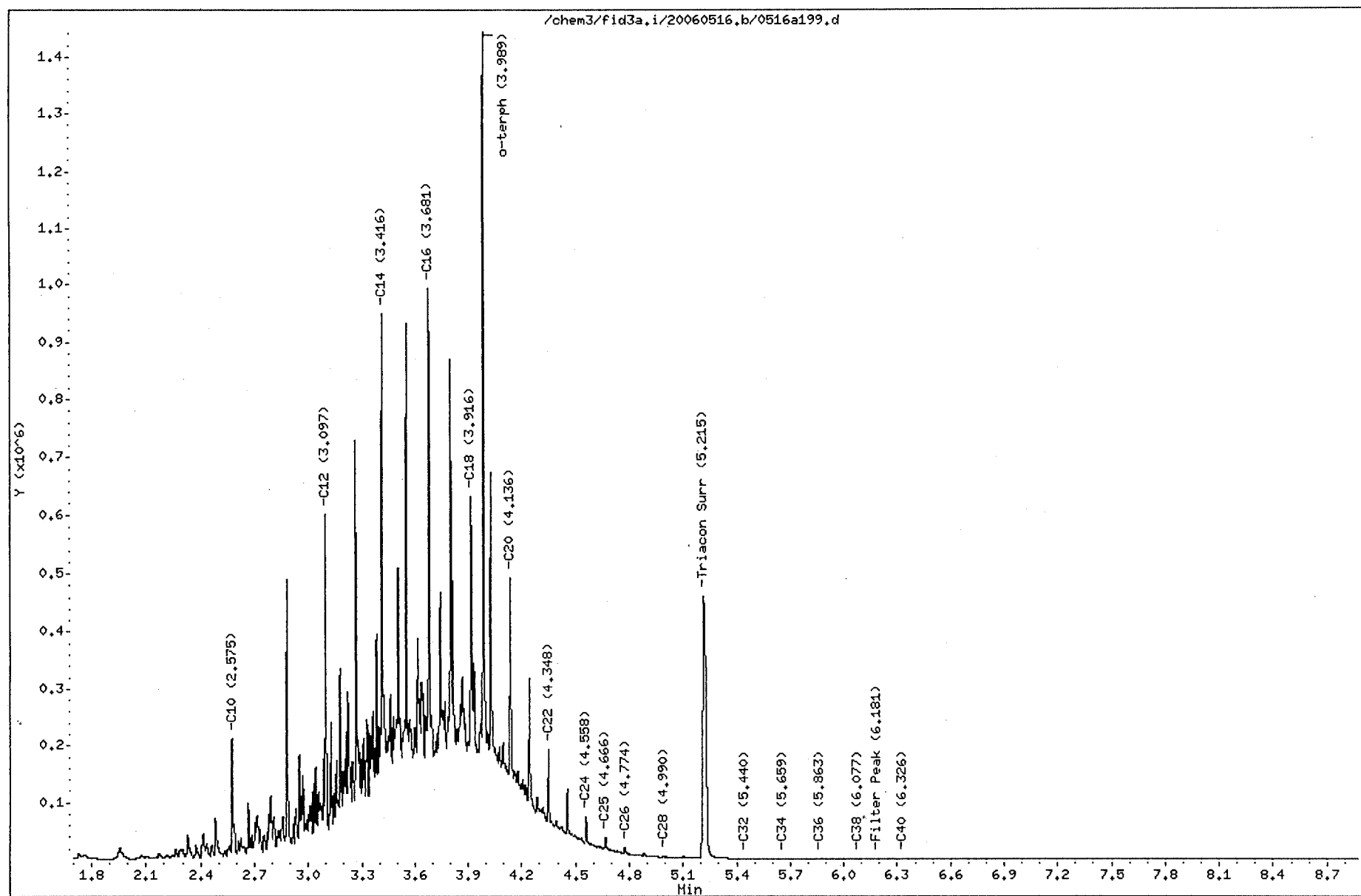
Sample Info: J164LCSW1

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25

Column phase: RTX-1



TOTAL DIESEL RANGE HYDROCARBONS-EXTRACTION REPORT

Matrix: Water
Date Received: 05/09/06

ARI Job: JI64
Project: Leathercare
38057-47522

ARI ID	Client ID	Samp Amt	Final Vol	Prep Date
06-7893-051606MB1	Method Blank	500 mL	1.00 mL	05/16/06
06-7893-051606LCS1	Lab Control	500 mL	1.00 mL	05/16/06
06-7893-JI64A	MW3	500 mL	1.00 mL	05/16/06
06-7894-JI64B	MW12	500 mL	1.00 mL	05/16/06
06-7895-JI64C	LC6	500 mL	1.00 mL	05/16/06
06-7896-JI64D	LC3	500 mL	1.00 mL	05/16/06
06-7897-JI64E	LC1	500 mL	1.00 mL	05/16/06
06-7898-JI64F	LC4	500 mL	1.00 mL	05/16/06
06-7899-JI64G	LC2	500 mL	1.00 mL	05/16/06
06-7900-JI64H	LC5	500 mL	1.00 mL	05/16/06
06-7902-JI64J	LC0	500 mL	1.00 mL	05/16/06

ORGANICS ANALYSIS DATA SHEET

METHANE ETHANE ETHENE

Modified RSK 175

Page 1 of 1

Matrix: Water

QC Report No: JI64-CDM

Project: Leathercare

38057-47522

Date Received: 05/09/06

Data Release Authorized: 

Reported: 05/12/06

ARI ID	Sample ID	Analysis Date	DL	Analyte	RL	Result
JI64A	MW3	05/10/06	1.0	Methane	7	250
06-7893				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI64B	MW12	05/10/06	1.0	Methane	7	180
06-7894				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI64C	LC6	05/10/06	1.0	Methane	7	77
06-7895				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI64D	LC3	05/10/06	1.0	Methane	7	33
06-7896				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI64E	LC1	05/10/06	1.0	Methane	7	110
06-7897				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI64F	LC4	05/10/06	1.0	Methane	7	98
06-7898				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI64G	LC2	05/10/06	1.0	Methane	7	590
06-7899				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI64H	LC5	05/10/06	1.0	Methane	7	220
06-7900				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI64J	LC0	05/10/06	1.0	Methane	7	87
06-7902				Ethane	12	< 12 U
				Ethene	11	< 11 U
051006MB	Method Blank	05/10/06	1.0	Methane	7	< 7 U
051006MB	Method Blank	05/10/06	1.0	Ethane	12	< 12 U
051006MB	Method Blank	05/10/06	1.0	Ethene	11	< 11 U

Reported in ug/L (ppb)

RSK 175/METHANE-ETHANE-ETHENE WATER SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: JI64-CDM
Project: Leathercare
38057-47522

ARI ID	Client ID	PRP	TOT OUT
JI64A	MW3	105%	0
JI64B	MW12	105%	0
JI64C	LC6	99.2%	0
JI64D	LC3	103%	0
JI64E	LC1	102%	0
JI64F	LC4	102%	0
JI64G	LC2	103%	0
JI64H	LC5	102%	0
JI64J	LC0	104%	0
MB-051006	Method Blank	102%	0
LCS-051006	Lab Control	103%	0

LCS/MB LIMITS QC LIMITS

(PRP) = Propane (30-160) (30-160)

Log Number Range: 06-7893 to 06-7902

ORGANICS ANALYSIS DATA SHEET
METHANE ETHANE ETHENE
Modified RSK 175
Page 1 of 1
Matrix: Water

QC Report No: JI64-CDM
Project: Leathercare
38057-47522
Date Received: 05/09/06

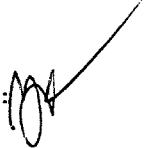
Data Release Authorized: *B*
Reported: 05/12/06

ARI ID	Analysis Date	Analyte	Spike	Result	Recovery	RPD
051006LCS	05/10/06	Methane	650	630	96.3%	
051006LCS	05/10/06	Ethane	1,200	1,200	97.8%	
051006LCS	05/10/06	Ethene	1,100	1,200	104.8%	

Reported in ug/L (ppb)

SAMPLE RESULTS-CONVENTIONALS
JI64-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/09/06
Date Received: 05/09/06

Client ID: MW3
ARI ID: 06-7893 JI64A

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/12/06 051206#2	SM 2320	mg/L CaCO3	1.0	416
Carbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	416
Hydroxide	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/18/06 051806#1	EPA 325.2	mg/L	5.0	19.7
Sulfate	05/15/06 051506#2	EPA 375.2	mg/L	10.0	56.1
Chemical Oxygen Demand	05/11/06 051106#1	EPA 410.4	mg/L	5.00	28.6

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI64-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/09/06
Date Received: 05/09/06

Client ID: MW12
ARI ID: 06-7894 JI64B

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/12/06 051206#2	SM 2320	mg/L CaCO3	1.0	296
Carbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	296
Hydroxide	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/18/06 051806#1	EPA 325.2	mg/L	2.0	10.2
Sulfate	05/15/06 051506#1	EPA 375.2	mg/L	2.0	31.7
Chemical Oxygen Demand	05/16/06 051606#1	EPA 410.4	mg/L	5.00	11.7

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI64-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/09/06
Date Received: 05/09/06

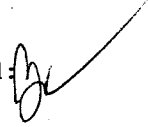
Client ID: LC6
ARI ID: 06-7895 JI64C

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/12/06 051206#2	SM 2320	mg/L CaCO3	1.0	401
Carbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	401
Hydroxide	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/18/06 051806#1	EPA 325.2	mg/L	5.0	17.5
Sulfate	05/15/06 051506#2	EPA 375.2	mg/L	10.0	54.2
Chemical Oxygen Demand	05/16/06 051606#1	EPA 410.4	mg/L	5.00	12.8

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI64-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/09/06
Date Received: 05/09/06

Client ID: LC3
ARI ID: 06-7896 JI64D

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/12/06 051206#2	SM 2320	mg/L CaCO3	1.0	398
Carbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	398
Hydroxide	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/18/06 051806#1	EPA 325.2	mg/L	5.0	16.1
Sulfate	05/15/06 051506#2	EPA 375.2	mg/L	10.0	69.7
Chemical Oxygen Demand	05/11/06 051106#1	EPA 410.4	mg/L	5.00	7.71

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI64-CDM



Matrix: Water
Data Release Authorized
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/09/06
Date Received: 05/09/06

Client ID: LC1
ARI ID: 06-7897 JI64E

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/12/06 051206#2	SM 2320	mg/L CaCO3	1.0	368
Carbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	368
Hydroxide	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/18/06 051806#1	EPA 325.2	mg/L	5.0	20.5
Sulfate	05/15/06 051506#2	EPA 375.2	mg/L	10.0	88.9
Chemical Oxygen Demand	05/11/06 051106#1	EPA 410.4	mg/L	5.00	12.8

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI64-CDM



Matrix: Water
Data Release Authorized
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/09/06
Date Received: 05/09/06

Client ID: LC4
ARI ID: 06-7898 JI64F

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/12/06 051206#1	SM 2320	mg/L CaCO3	1.0	233
Carbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	233
Hydroxide	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/15/06 051506#2	EPA 325.2	mg/L	1.0	6.8
Sulfate	05/15/06 051506#2	EPA 375.2	mg/L	4.0	39.3
Chemical Oxygen Demand	05/11/06 051106#1	EPA 410.4	mg/L	5.00	10.1

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI64-CDM



Matrix: Water
Data Release Authorized
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/09/06
Date Received: 05/09/06

Client ID: LC2
ARI ID: 06-7899 JI64G

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/12/06 051206#2	SM 2320	mg/L CaCO3	1.0	309
Carbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	309
Hydroxide	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/15/06 051506#2	EPA 325.2	mg/L	1.0	8.8
Sulfate	05/15/06 051506#2	EPA 375.2	mg/L	10.0	52.7
Chemical Oxygen Demand	05/11/06 051106#1	EPA 410.4	mg/L	5.00	12.4

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI64-CDM



Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/09/06
Date Received: 05/09/06

Client ID: LC5
ARI ID: 06-7900 JI64H

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/12/06 051206#2	SM 2320	mg/L CaCO3	1.0	372
Carbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	372
Hydroxide	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/19/06 051906#1	EPA 325.2	mg/L	2.0	14.0
Sulfate	05/15/06 051506#1	EPA 375.2	mg/L	2.0	39.5
Chemical Oxygen Demand	05/11/06 051106#1	EPA 410.4	mg/L	5.00	10.1

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI64-CDM



Matrix: Water
Data Release Authorized:
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/09/06
Date Received: 05/09/06

Client ID: LCO
ARI ID: 06-7902 JI64J

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/12/06 051206#1	SM 2320	mg/L CaCO3	1.0	233
Carbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	233
Hydroxide	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/15/06 051506#2	EPA 325.2	mg/L	1.0	6.7
Sulfate	05/15/06 051506#1	EPA 375.2	mg/L	2.0	39.5
Chemical Oxygen Demand	05/16/06 051606#1	EPA 410.4	mg/L	5.00	6.87

RL Analytical reporting limit
U Undetected at reported detection limit

METHOD BLANK RESULTS-CONVENTIONALS
JI64-CDM



Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: NA
Date Received: NA

Analyte	Method	Date	Units	Blank
Chloride	EPA 325.2	05/15/06	mg/L	< 1.0 U
		05/18/06		< 1.0 U
		05/19/06		< 1.0 U
Sulfate	EPA 375.2	05/15/06	mg/L	< 2.0 U
		05/15/06		< 2.0 U
Chemical Oxygen Demand	EPA 410.4	05/11/06	mg/L	< 5.00 U
		05/16/06		< 5.00 U

STANDARD REFERENCE RESULTS-CONVENTIONALS
JI64-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Method	Date	Units	SRM	True Value	Recovery
Alkalinity ERA #P114506	SM 2320	05/12/06	mg/L CaCO3	84.8	83.9	101.1%
Chloride ERA #38084	EPA 325.2	05/15/06 05/18/06 05/19/06	mg/L	4.8 4.9 4.9	5.0 5.0 5.0	96.0% 98.0% 98.0%
Sulfate ERA #37065	EPA 375.2	05/15/06 05/15/06	mg/L	25.2 24.9	25.0 25.0	100.8% 99.6%
Chemical Oxygen Demand Thermo Orion #I01	EPA 410.4	05/11/06 05/16/06	mg/L	89.0 91.6	90.0 90.0	98.9% 101.8%

REPLICATE RESULTS-CONVENTIONALS
JI64-CDM



Matrix: Water
Data Release Authorized
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/09/06
Date Received: 05/09/06

Analyte	Method	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JI64A Client ID: MW3						
Alkalinity	SM 2320	05/12/06	mg/L CaCO3	416	414	0.5%
Carbonate	SM 2320	05/12/06	mg/L CaCO3	< 1.0	< 1.0	NA
Bicarbonate	SM 2320	05/12/06	mg/L CaCO3	416	414	0.5%
Hydroxide	SM 2320	05/12/06	mg/L CaCO3	< 1.0	< 1.0	NA
Chloride	EPA 325.2	05/18/06	mg/L	19.7	19.7	0.0%
Chemical Oxygen Demand	EPA 410.4	05/11/06	mg/L	28.6	35.7	22.1%
ARI ID: JI64J Client ID: LCO						
Alkalinity	SM 2320	05/12/06	mg/L CaCO3	233	232	0.4%
Carbonate	SM 2320	05/12/06	mg/L CaCO3	< 1.0	< 1.0	NA
Bicarbonate	SM 2320	05/12/06	mg/L CaCO3	233	232	0.4%
Hydroxide	SM 2320	05/12/06	mg/L CaCO3	< 1.0	< 1.0	NA

MS/MSD RESULTS-CONVENTIONALS
JI64-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/09/06
Date Received: 05/09/06

Analyte	Method	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: JI64A Client ID: MW3							
Chloride	EPA 325.2	05/18/06	mg/L	19.7	70.7	50.0	102.0%
Chemical Oxygen Demand	EPA 410.4	05/11/06	mg/L	28.6	74.5	38.0	120.8%
ARI ID: JI64B Client ID: MW12							
Chemical Oxygen Demand	EPA 410.4	05/16/06	mg/L	11.7	52.2	38.0	106.6%



Analytical Resources, Incorporated

Analytical Chemists and Consultants

June 2, 2006

Ms. Pam Morrill
CDM
11811 NE 1st, Suite 201
Bellevue, WA 98009

RE: Project ID: 38057-47522 Leathercare
ARI Job No: JI87

Dear Pam:

Please find enclosed the original chain of custody documentation (COCs) and the final results for the samples from the project referenced above. Analytical Resources Inc. (ARI) accepted three water samples on May 10, 2006. The samples were received in good condition with no discrepancies in paperwork.

The samples were analyzed for volatile organic compounds 8260B, Diesel by NWTPHDx, Dissolved Gases by RSK-175 and a set of conventional parameters as instructed on the COC. Volatile samples analyses following low level methods were completed with no issues, so follow-up by 8260-SIM for Vinyl Chloride was unnecessary.

One sample analyze for Volatiles required dilution due to analytes above the calibrated range of the instrument. Both sets of results have been reported here. There were no anomalies associated with this set of samples.

Diesel chromatograms have been included for your inspection.

A copy of these reports and the supporting data will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Susan D. Dunnihoo
Project Manager
Phone: 206-695-6207
sue@arilabs.com

cc: Efile JI87

Enclosures

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: GT3

Page 1 of 2

SAMPLE

Lab Sample ID: JI87A

QC Report No: JI87-CDM

LIMS ID: 06-8030

Project: LeatherCare

Matrix: Water

38057-47522

Data Release Authorized: 

Date Sampled: 05/10/06

Reported: 05/23/06

Date Received: 05/10/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/22/06 12:56

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	9.7	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	< 1.0	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	0.3	
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	9.4	
156-59-2	cis-1,2-Dichloroethene	0.2	48	E
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	11	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	1.4	
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	0.4	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2Sample ID: GT3
SAMPLE

Lab Sample ID: JI87A

QC Report No: JI87-CDM

LIMS ID: 06-8030

Project: LeatherCare

Matrix: Water

38057-47522

Date Analyzed: 05/22/06 12:56

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in $\mu\text{g/L}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	116%
d8-Toluene	101%
Bromofluorobenzene	99.0%
d4-1,2-Dichlorobenzene	105%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: GT3
DILUTION

Lab Sample ID: JI87A

LIMS ID: 06-8030

Matrix: Water

Data Release Authorized: 

Reported: 05/23/06

QC Report No: JI87-CDM

Project: LeatherCare

38057-47522

Date Sampled: 05/10/06

Date Received: 05/10/06

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/22/06 16:36

Sample Amount: 4.00 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	< 1.0	U
74-83-9	Bromomethane	1.0	< 1.0	U
75-01-4	Vinyl Chloride	1.0	8.5	
75-00-3	Chloroethane	1.0	< 1.0	U
75-09-2	Methylene Chloride	1.5	< 1.5	U
67-64-1	Acetone	5.0	< 5.0	U
75-15-0	Carbon Disulfide	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
75-34-3	1,1-Dichloroethane	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	9.1	
156-59-2	cis-1,2-Dichloroethene	1.0	49	
67-66-3	Chloroform	1.0	< 1.0	U
107-06-2	1,2-Dichloroethane	1.0	< 1.0	U
78-93-3	2-Butanone	5.0	< 5.0	U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0	U
56-23-5	Carbon Tetrachloride	1.0	< 1.0	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	1.0	< 1.0	U
78-87-5	1,2-Dichloropropane	1.0	< 1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0	U
79-01-6	Trichloroethene	1.0	10	
124-48-1	Dibromochloromethane	1.0	< 1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0	U
71-43-2	Benzene	1.0	1.2	
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0	U
110-75-8	2-Chloroethylvinylether	2.5	< 2.5	U
75-25-2	Bromoform	1.0	< 1.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0	U
591-78-6	2-Hexanone	5.0	< 5.0	U
127-18-4	Tetrachloroethene	1.0	< 1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0	U
108-88-3	Toluene	1.0	< 1.0	U
108-90-7	Chlorobenzene	1.0	< 1.0	U
100-41-4	Ethylbenzene	1.0	< 1.0	U
100-42-5	Styrene	1.0	< 1.0	U
75-69-4	Trichlorofluoromethane	1.0	< 1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	< 1.0	U
1330-20-7	m,p-Xylene	2.0	< 2.0	U
95-47-6	o-Xylene	1.0	< 1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	< 1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	< 1.0	U
107-02-8	Acrolein	25	< 25	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	1.0	< 1.0	U
107-13-1	Acrylonitrile	5.0	< 5.0	U
563-58-6	1,1-Dichloropropene	1.0	< 1.0	U
74-95-3	Dibromomethane	1.0	< 1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	< 1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	10	< 10	U
96-18-4	1,2,3-Trichloropropane	2.5	< 2.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: GT3

Page 2 of 2

DILUTION

Lab Sample ID: JI87A

QC Report No: JI87-CDM

LIMS ID: 06-8030

Project: LeatherCare

Matrix: Water

38057-47522

Date Analyzed: 05/22/06 16:36

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	5.0	< 5.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	< 1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	< 1.0	U
87-68-3	Hexachlorobutadiene	2.5	< 2.5	U
106-93-4	Ethylene Dibromide	1.0	< 1.0	U
74-97-5	Bromochloromethane	1.0	< 1.0	U
594-20-7	2,2-Dichloropropane	1.0	< 1.0	U
142-28-9	1,3-Dichloropropane	1.0	< 1.0	U
98-82-8	Isopropylbenzene	1.0	< 1.0	U
103-65-1	n-Propylbenzene	1.0	< 1.0	U
108-86-1	Bromobenzene	1.0	< 1.0	U
95-49-8	2-Chlorotoluene	1.0	< 1.0	U
106-43-4	4-Chlorotoluene	1.0	< 1.0	U
98-06-6	tert-Butylbenzene	1.0	< 1.0	U
135-98-8	sec-Butylbenzene	1.0	< 1.0	U
99-87-6	4-Isopropyltoluene	1.0	< 1.0	U
104-51-8	n-Butylbenzene	1.0	< 1.0	U
120-82-1	1,2,4-Trichlorobenzene	2.5	< 2.5	U
91-20-3	Naphthalene	2.5	< 2.5	U
87-61-6	1,2,3-Trichlorobenzene	2.5	< 2.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.5%
d8-Toluene	89.0%
Bromofluorobenzene	75.2%
d4-1,2-Dichlorobenzene	87.8%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: GT1

Page 1 of 2

SAMPLE

Lab Sample ID: JI87B

QC Report No: JI87-CDM

LIMS ID: 06-8031

Project: LeatherCare

Matrix: Water

38057-47522

Data Release Authorized: 

Date Sampled: 05/10/06

Reported: 05/23/06

Date Received: 05/10/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/22/06 14:49

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	3.4	M
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	4.2	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	0.4	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	0.3	
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: GT1

Page 2 of 2

SAMPLE

Lab Sample ID: JI87B

QC Report No: JI87-CDM

LIMS ID: 06-8031

Project: LeatherCare

Matrix: Water

38057-47522

Date Analyzed: 05/22/06 14:49

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	0.2	
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	122%
d8-Toluene	102%
Bromofluorobenzene	100%
d4-1,2-Dichlorobenzene	110%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: GT2
SAMPLE

Lab Sample ID: JI87C

LIMS ID: 06-8032

Matrix: Water

Data Release Authorized:

Reported: 05/23/06

QC Report No: JI87-CDM

Project: LeatherCare

38057-47522

Date Sampled: 05/10/06

Date Received: 05/10/06

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/22/06 13:51

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	17	E
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	5.3	M
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	5.0	
156-59-2	cis-1,2-Dichloroethene	0.2	16	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	0.6	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	1.5	
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2Sample ID: GT2
SAMPLELab Sample ID: JI87C
LIMS ID: 06-8032
Matrix: Water
Date Analyzed: 05/22/06 13:51QC Report No: JI87-CDM
Project: LeatherCare
38057-47522

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in $\mu\text{g/L}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	103%
Bromofluorobenzene	100%
d4-1,2-Dichlorobenzene	112%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: GT2
DILUTION

Lab Sample ID: JI87C

LIMS ID: 06-8032

Matrix: Water

Data Release Authorized: 

Reported: 05/23/06

QC Report No: JI87-CDM

Project: LeatherCare

38057-47522

Date Sampled: 05/10/06

Date Received: 05/10/06

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/22/06 17:03

Sample Amount: 10.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.4	< 0.4	U
74-83-9	Bromomethane	0.4	< 0.4	U
75-01-4	Vinyl Chloride	0.4	19	
75-00-3	Chloroethane	0.4	< 0.4	U
75-09-2	Methylene Chloride	0.6	< 0.6	U
67-64-1	Acetone	2.0	4.4	
75-15-0	Carbon Disulfide	0.4	< 0.4	U
75-35-4	1,1-Dichloroethene	0.4	< 0.4	U
75-34-3	1,1-Dichloroethane	0.4	< 0.4	U
156-60-5	trans-1,2-Dichloroethene	0.4	5.1	
156-59-2	cis-1,2-Dichloroethene	0.4	16	
67-66-3	Chloroform	0.4	< 0.4	U
107-06-2	1,2-Dichloroethane	0.4	< 0.4	U
78-93-3	2-Butanone	2.0	< 2.0	U
71-55-6	1,1,1-Trichloroethane	0.4	< 0.4	U
56-23-5	Carbon Tetrachloride	0.4	< 0.4	U
108-05-4	Vinyl Acetate	0.4	< 0.4	U
75-27-4	Bromodichloromethane	0.4	< 0.4	U
78-87-5	1,2-Dichloropropane	0.4	< 0.4	U
10061-01-5	cis-1,3-Dichloropropene	0.4	< 0.4	U
79-01-6	Trichloroethene	0.4	0.6	
124-48-1	Dibromochloromethane	0.4	< 0.4	U
79-00-5	1,1,2-Trichloroethane	0.4	< 0.4	U
71-43-2	Benzene	0.4	1.5	
10061-02-6	trans-1,3-Dichloropropene	0.4	< 0.4	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.4	< 0.4	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.0	< 2.0	U
591-78-6	2-Hexanone	2.0	< 2.0	U
127-18-4	Tetrachloroethene	0.4	< 0.4	U
79-34-5	1,1,2,2-Tetrachloroethane	0.4	< 0.4	U
108-88-3	Toluene	0.4	< 0.4	U
108-90-7	Chlorobenzene	0.4	< 0.4	U
100-41-4	Ethylbenzene	0.4	< 0.4	U
100-42-5	Styrene	0.4	< 0.4	U
75-69-4	Trichlorofluoromethane	0.4	< 0.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.4	< 0.4	U
1330-20-7	m,p-Xylene	0.8	< 0.8	U
95-47-6	o-Xylene	0.4	< 0.4	U
95-50-1	1,2-Dichlorobenzene	0.4	< 0.4	U
541-73-1	1,3-Dichlorobenzene	0.4	< 0.4	U
106-46-7	1,4-Dichlorobenzene	0.4	< 0.4	U
107-02-8	Acrolein	10	< 10	U
74-88-4	Methyl Iodide	0.4	< 0.4	U
74-96-4	Bromoethane	0.4	< 0.4	U
107-13-1	Acrylonitrile	2.0	< 2.0	U
563-58-6	1,1-Dichloropropene	0.4	< 0.4	U
74-95-3	Dibromomethane	0.4	< 0.4	U
630-20-6	1,1,1,2-Tetrachloroethane	0.4	< 0.4	U
96-12-8	1,2-Dibromo-3-chloropropane	4.0	< 4.0	U
96-18-4	1,2,3-Trichloropropane	1.0	< 1.0	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: GT2

Page 2 of 2

DILUTION

Lab Sample ID: JI87C

QC Report No: JI87-CDM

LIMS ID: 06-8032

Project: LeatherCare

Matrix: Water

38057-47522

Date Analyzed: 05/22/06 17:03

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	2.0	< 2.0	U
108-67-8	1,3,5-Trimethylbenzene	0.4	< 0.4	U
95-63-6	1,2,4-Trimethylbenzene	0.4	< 0.4	U
87-68-3	Hexachlorobutadiene	1.0	< 1.0	U
106-93-4	Ethylene Dibromide	0.4	< 0.4	U
74-97-5	Bromochloromethane	0.4	< 0.4	U
594-20-7	2,2-Dichloropropane	0.4	< 0.4	U
142-28-9	1,3-Dichloropropane	0.4	< 0.4	U
98-82-8	Isopropylbenzene	0.4	< 0.4	U
103-65-1	n-Propylbenzene	0.4	< 0.4	U
108-86-1	Bromobenzene	0.4	< 0.4	U
95-49-8	2-Chlorotoluene	0.4	< 0.4	U
106-43-4	4-Chlorotoluene	0.4	< 0.4	U
98-06-6	tert-Butylbenzene	0.4	< 0.4	U
135-98-8	sec-Butylbenzene	0.4	< 0.4	U
99-87-6	4-Isopropyltoluene	0.4	< 0.4	U
104-51-8	n-Butylbenzene	0.4	< 0.4	U
120-82-1	1,2,4-Trichlorobenzene	1.0	< 1.0	U
91-20-3	Naphthalene	1.0	< 1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	< 1.0	U

Reported in $\mu\text{g/L}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	101%
d8-Toluene	89.0%
Bromofluorobenzene	76.0%
d4-1,2-Dichlorobenzene	88.8%

VOA SURROGATE RECOVERY SUMMARY



Matrix: Water

QC Report No: JI87-CDM
Project: LeatherCare
38057-47522

ARI ID	Client ID	PV	DCE	TOL	BFB	DCB	TOT OUT
MB-052206	Method Blank	20	108%	98.2%	91.8%	102%	0
LCS-052206	Lab Control	20	109%	102%	104%	97.2%	0
LCSD-052206	Lab Control Dup	20	102%	97.0%	99.8%	89.0%	0
JI87A	GT3	20	116%	101%	99.0%	105%	0
JI87ADL	GT3	20	98.5%	89.0%	75.2%	87.8%	0
JI87AMS	GT3	20	98.0%	92.8%	82.8%	85.5%	0
JI87AMSD	GT3	20	98.0%	94.8%	88.8%	85.5%	0
JI87B	GT1	20	122%	102%	100%	110%	0
JI87C	GT2	20	112%	103%	100%	112%	0
JI87CDL	GT2	20	101%	89.0%	76.0%	88.8%	0

SW8260B	LCS/MB LIMITS		QC LIMITS	
	5mL Purge	20mL Purge	5mL Purge	20mL Purge
(DCE) = d4-1,2-Dichloroethane	70-134	63-127	66-142	66-139
(TOL) = d8-Toluene	78-123	77-117	75-124	82-123
(BFB) = Bromofluorobenzene	78-121	68-116	75-121	71-113
(DCB) = d4-1,2-Dichlorobenzene	79-116	79-113	78-124	84-125

Prep Method: SW5030B
Log Number Range: 06-8030 to 06-8032

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: GT3

Page 1 of 2

MATRIX SPIKE

Lab Sample ID: JI87A

QC Report No: JI87-CDM

LIMS ID: 06-8030

Project: LeatherCare

Matrix: Water

38057-47522

Data Release Authorized: *[Signature]*

Date Sampled: 05/10/06

Reported: 05/23/06

Date Received: 05/10/06

Instrument/Analyst MS: FINN3/PAB

Sample Amount MS: 4.00 mL

MSD: FINN3/PAB

MSD: 4.00 mL

Date Analyzed MS: 05/22/06 15:42

Purge Volume MS: 20.0 mL

MSD: 05/22/06 16:09

MSD: 20.0 mL

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Chloromethane	< 1.0 U	17.2	20.0	86.0%	17.2	20.0	86.0%	0.0%
Bromomethane	< 1.0 U	15.1	20.0	75.5%	16.0	20.0	80.0%	5.8%
Vinyl Chloride	8.5	28.0	20.0	97.5%	27.6	20.0	95.5%	1.4%
Chloroethane	< 1.0 U	18.8	20.0	94.0%	19.3	20.0	96.5%	2.6%
Methylene Chloride	< 1.5 U	18.8	20.0	94.0%	18.8	20.0	94.0%	0.0%
Acetone	< 5.0 U	105	100	105%	94.4	100	94.4%	10.6%
Carbon Disulfide	< 1.0 U	19.3	20.0	96.5%	20.4	20.0	102%	5.5%
1,1-Dichloroethene	< 1.0 U	19.3	20.0	96.5%	19.8	20.0	99.0%	2.6%
1,1-Dichloroethane	< 1.0 U	20.0	20.0	100%	20.9	20.0	104%	4.4%
trans-1,2-Dichloroethene	9.1	27.0	20.0	89.5%	28.2	20.0	95.5%	4.3%
cis-1,2-Dichloroethene	49.2	70.6	20.0	107%	69.2	20.0	100%	2.0%
Chloroform	< 1.0 U	18.6	20.0	93.0%	19.2	20.0	96.0%	3.2%
1,2-Dichloroethane	< 1.0 U	18.8	20.0	94.0%	19.6	20.0	98.0%	4.2%
2-Butanone	< 5.0 U	84.8	100	84.8%	82.8	100	82.8%	2.4%
1,1,1-Trichloroethane	< 1.0 U	19.6	20.0	98.0%	20.1	20.0	100%	2.5%
Carbon Tetrachloride	< 1.0 U	19.3	20.0	96.5%	20.6	20.0	103%	6.5%
Vinyl Acetate	< 1.0 U	18.6	20.0	93.0%	18.8	20.0	94.0%	1.1%
Bromodichloromethane	< 1.0 U	20.4	20.0	102%	21.5	20.0	108%	5.3%
1,2-Dichloropropane	< 1.0 U	18.5	20.0	92.5%	18.8	20.0	94.0%	1.6%
cis-1,3-Dichloropropene	< 1.0 U	15.6	20.0	78.0%	16.2	20.0	81.0%	3.8%
Trichloroethene	10.2	29.7	20.0	97.5%	30.6	20.0	102%	3.0%
Dibromochloromethane	< 1.0 U	16.0	20.0	80.0%	17.0	20.0	85.0%	6.1%
1,1,2-Trichloroethane	< 1.0 U	19.1	20.0	95.5%	18.7	20.0	93.5%	2.1%
Benzene	1.2	19.7	20.0	92.5%	20.7	20.0	97.5%	5.0%
trans-1,3-Dichloropropene	< 1.0 U	15.8	20.0	79.0%	16.4	20.0	82.0%	3.7%
2-Chloroethylvinylether	< 2.5 U	< 2.5 U	20.0	NA	< 2.5 U	20.0	NA	NA
Bromoform	< 1.0 U	19.0	20.0	95.0%	19.4	20.0	97.0%	2.1%
4-Methyl-2-Pentanone (MIBK)	< 5.0 U	83.8	100	83.8%	84.2	100	84.2%	0.5%
2-Hexanone	< 5.0 U	85.1	100	85.1%	89.5	100	89.5%	5.0%
Tetrachloroethene	< 1.0 U	19.3	20.0	96.5%	20.0	20.0	100%	3.6%
1,1,2,2-Tetrachloroethane	< 1.0 U	18.8	20.0	94.0%	19.8	20.0	99.0%	5.2%
Toluene	< 1.0 U	18.3	20.0	91.5%	18.4	20.0	92.0%	0.5%
Chlorobenzene	< 1.0 U	17.2	20.0	86.0%	18.6	20.0	93.0%	7.8%
Ethylbenzene	< 1.0 U	18.7	20.0	93.5%	20.4	20.0	102%	8.7%
Styrene	< 1.0 U	17.0	20.0	85.0%	18.2	20.0	91.0%	6.8%
Trichlorofluoromethane	< 1.0 U	20.4	20.0	102%	21.2	20.0	106%	3.8%
1,1,2-Trichloro-1,2,2-trifl	< 1.0 U	19.9	20.0	99.5%	20.3	20.0	102%	2.0%
m,p-Xylene	< 2.0 U	36.4	40.0	91.0%	37.6	40.0	94.0%	3.2%
o-Xylene	< 1.0 U	17.2	20.0	86.0%	18.2	20.0	91.0%	5.6%
1,2-Dichlorobenzene	< 1.0 U	17.0	20.0	85.0%	17.7	20.0	88.5%	4.0%
1,3-Dichlorobenzene	< 1.0 U	17.6	20.0	88.0%	18.0	20.0	90.0%	2.2%
1,4-Dichlorobenzene	< 1.0 U	16.6	20.0	83.0%	17.2	20.0	86.0%	3.6%
Acrolein	< 25.0 U	86.2	100	86.2%	87.9	100	87.9%	2.0%
Methyl Iodide	< 1.0 U	18.0	20.0	90.0%	19.2	20.0	96.0%	6.5%
Bromoethane	< 1.0 U	19.4	20.0	97.0%	20.1	20.0	100%	3.5%
Acrylonitrile	< 5.0 U	17.3	20.0	86.5%	18.0	20.0	90.0%	4.0%
1,1-Dichloropropene	< 1.0 U	18.5	20.0	92.5%	19.6	20.0	98.0%	5.8%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: GT3

Page 2 of 2

MATRIX SPIKE

Lab Sample ID: JI87A

QC Report No: JI87-CDM

LIMS ID: 06-8030

Project: LeatherCare

Matrix: Water

38057-47522

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Dibromomethane	< 1.0 U	18.6	20.0	93.0%	19.6	20.0	98.0%	5.2%
1,1,1,2-Tetrachloroethane	< 1.0 U	18.1	20.0	90.5%	18.2	20.0	91.0%	0.6%
1,2-Dibromo-3-chloropropane	< 10.0 U	17.2	20.0	86.0%	17.0	20.0	85.0%	1.2%
1,2,3-Trichloropropane	< 2.5 U	19.2	20.0	96.0%	19.5	20.0	97.5%	1.6%
trans-1,4-Dichloro-2-butene	< 5.0 U	17.7	20.0	88.5%	18.8	20.0	94.0%	6.0%
1,3,5-Trimethylbenzene	< 1.0 U	19.4	20.0	97.0%	20.1	20.0	100%	3.5%
1,2,4-Trimethylbenzene	< 1.0 U	19.4	20.0	97.0%	19.6	20.0	98.0%	1.0%
Hexachlorobutadiene	< 2.5 U	17.2	20.0	86.0%	17.9	20.0	89.5%	4.0%
Ethylene Dibromide	< 1.0 U	16.7	20.0	83.5%	18.0	20.0	90.0%	7.5%
Bromochloromethane	< 1.0 U	19.0	20.0	95.0%	18.8	20.0	94.0%	1.1%
2,2-Dichloropropane	< 1.0 U	20.4	20.0	102%	20.7	20.0	104%	1.5%
1,3-Dichloropropane	< 1.0 U	17.8	20.0	89.0%	19.2	20.0	96.0%	7.6%
Isopropylbenzene	< 1.0 U	19.4	20.0	97.0%	21.0	20.0	105%	7.9%
n-Propylbenzene	< 1.0 U	20.2	20.0	101%	21.6	20.0	108%	6.7%
Bromobenzene	< 1.0 U	19.0	20.0	95.0%	19.2	20.0	96.0%	1.0%
2-Chlorotoluene	< 1.0 U	19.8	20.0	99.0%	17.0	20.0	85.0%	15.2%
4-Chlorotoluene	< 1.0 U	19.2	20.0	96.0%	19.3	20.0	96.5%	0.5%
tert-Butylbenzene	< 1.0 U	19.3	20.0	96.5%	19.6	20.0	98.0%	1.5%
sec-Butylbenzene	< 1.0 U	20.5	20.0	102%	20.4	20.0	102%	0.5%
4-Isopropyltoluene	< 1.0 U	20.1	20.0	100%	20.2	20.0	101%	0.5%
n-Butylbenzene	< 1.0 U	18.0	20.0	90.0%	18.2	20.0	91.0%	1.1%
1,2,4-Trichlorobenzene	< 2.5 U	13.2	20.0	66.0%	13.3	20.0	66.5%	0.8%
Naphthalene	< 2.5 U	12.2	20.0	61.0%	12.2	20.0	61.0%	0.0%
1,2,3-Trichlorobenzene	< 2.5 U	13.6	20.0	68.0%	13.0	20.0	65.0%	4.5%

Reported in µg/L (ppb)

NA-No recovery due to high concentration of analyte in original sample,
calculated negative recovery, or undetected spike.

RPD calculated using sample concentrations per SW846.

Recoveries calculated from secondary analysis.

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: GT3

Page 1 of 2

MATRIX SPIKE

Lab Sample ID: JI87A

QC Report No: JI87-CDM

LIMS ID: 06-8030

Project: LeatherCare

Matrix: Water

38057-47522

Data Release Authorized: 

Date Sampled: 05/10/06

Reported: 05/23/06

Date Received: 05/10/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 4.00 mL

Date Analyzed: 05/22/06 15:42

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	---	
74-83-9	Bromomethane	1.0	---	
75-01-4	Vinyl Chloride	1.0	---	
75-00-3	Chloroethane	1.0	---	
75-09-2	Methylene Chloride	1.5	---	
67-64-1	Acetone	5.0	---	
75-15-0	Carbon Disulfide	1.0	---	
75-35-4	1,1-Dichloroethene	1.0	---	
75-34-3	1,1-Dichloroethane	1.0	---	
156-60-5	trans-1,2-Dichloroethene	1.0	---	
156-59-2	cis-1,2-Dichloroethene	1.0	---	
67-66-3	Chloroform	1.0	---	
107-06-2	1,2-Dichloroethane	1.0	---	
78-93-3	2-Butanone	5.0	---	
71-55-6	1,1,1-Trichloroethane	1.0	---	
56-23-5	Carbon Tetrachloride	1.0	---	
108-05-4	Vinyl Acetate	1.0	---	
75-27-4	Bromodichloromethane	1.0	---	
78-87-5	1,2-Dichloropropane	1.0	---	
10061-01-5	cis-1,3-Dichloropropene	1.0	---	
79-01-6	Trichloroethene	1.0	---	
124-48-1	Dibromochloromethane	1.0	---	
79-00-5	1,1,2-Trichloroethane	1.0	---	
71-43-2	Benzene	1.0	---	
10061-02-6	trans-1,3-Dichloropropene	1.0	---	
110-75-8	2-Chloroethylvinylether	2.5	---	
75-25-2	Bromoform	1.0	---	
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	---	
591-78-6	2-Hexanone	5.0	---	
127-18-4	Tetrachloroethene	1.0	---	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	---	
108-88-3	Toluene	1.0	---	
108-90-7	Chlorobenzene	1.0	---	
100-41-4	Ethylbenzene	1.0	---	
100-42-5	Styrene	1.0	---	
75-69-4	Trichlorofluoromethane	1.0	---	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	---	
1330-20-7	m,p-Xylene	2.0	---	
95-47-6	o-Xylene	1.0	---	
95-50-1	1,2-Dichlorobenzene	1.0	---	
541-73-1	1,3-Dichlorobenzene	1.0	---	
106-46-7	1,4-Dichlorobenzene	1.0	---	
107-02-8	Acrolein	25	---	
74-88-4	Methyl Iodide	1.0	---	
74-96-4	Bromoethane	1.0	---	
107-13-1	Acrylonitrile	5.0	---	
563-58-6	1,1-Dichloropropene	1.0	---	
74-95-3	Dibromomethane	1.0	---	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	---	
96-12-8	1,2-Dibromo-3-chloropropane	10	---	
96-18-4	1,2,3-Trichloropropane	2.5	---	

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: GT3

Page 2 of 2

MATRIX SPIKE

Lab Sample ID: JI87A

QC Report No: JI87-CDM

LIMS ID: 06-8030

Project: LeatherCare

Matrix: Water

38057-47522

Date Analyzed: 05/22/06 15:42

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	5.0	---	
108-67-8	1,3,5-Trimethylbenzene	1.0	---	
95-63-6	1,2,4-Trimethylbenzene	1.0	---	
87-68-3	Hexachlorobutadiene	2.5	---	
106-93-4	Ethylene Dibromide	1.0	---	
74-97-5	Bromochloromethane	1.0	---	
594-20-7	2,2-Dichloropropane	1.0	---	
142-28-9	1,3-Dichloropropane	1.0	---	
98-82-8	Isopropylbenzene	1.0	---	
103-65-1	n-Propylbenzene	1.0	---	
108-86-1	Bromobenzene	1.0	---	
95-49-8	2-Chlorotoluene	1.0	---	
106-43-4	4-Chlorotoluene	1.0	---	
98-06-6	tert-Butylbenzene	1.0	---	
135-98-8	sec-Butylbenzene	1.0	---	
99-87-6	4-Isopropyltoluene	1.0	---	
104-51-8	n-Butylbenzene	1.0	---	
120-82-1	1,2,4-Trichlorobenzene	2.5	---	
91-20-3	Naphthalene	2.5	---	
87-61-6	1,2,3-Trichlorobenzene	2.5	---	

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.0%
d8-Toluene	92.8%
Bromofluorobenzene	82.8%
d4-1,2-Dichlorobenzene	85.5%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2

Sample ID: GT3

MATRIX SPIKE DUP

Lab Sample ID: JI87A

LIMS ID: 06-8030

Matrix: Water

Data Release Authorized:

Reported: 05/23/06

QC Report No: JI87-CDM

Project: LeatherCare

38057-47522

Date Sampled: 05/10/06

Date Received: 05/10/06

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/22/06 16:09

Sample Amount: 4.00 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	---	
74-83-9	Bromomethane	1.0	---	
75-01-4	Vinyl Chloride	1.0	---	
75-00-3	Chloroethane	1.0	---	
75-09-2	Methylene Chloride	1.5	---	
67-64-1	Acetone	5.0	---	
75-15-0	Carbon Disulfide	1.0	---	
75-35-4	1,1-Dichloroethene	1.0	---	
75-34-3	1,1-Dichloroethane	1.0	---	
156-60-5	trans-1,2-Dichloroethene	1.0	---	
156-59-2	cis-1,2-Dichloroethene	1.0	---	
67-66-3	Chloroform	1.0	---	
107-06-2	1,2-Dichloroethane	1.0	---	
78-93-3	2-Butanone	5.0	---	
71-55-6	1,1,1-Trichloroethane	1.0	---	
56-23-5	Carbon Tetrachloride	1.0	---	
108-05-4	Vinyl Acetate	1.0	---	
75-27-4	Bromodichloromethane	1.0	---	
78-87-5	1,2-Dichloropropane	1.0	---	
10061-01-5	cis-1,3-Dichloropropene	1.0	---	
79-01-6	Trichloroethene	1.0	---	
124-48-1	Dibromochloromethane	1.0	---	
79-00-5	1,1,2-Trichloroethane	1.0	---	
71-43-2	Benzene	1.0	---	
10061-02-6	trans-1,3-Dichloropropene	1.0	---	
110-75-8	2-Chloroethylvinylether	2.5	---	
75-25-2	Bromoform	1.0	---	
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	---	
591-78-6	2-Hexanone	5.0	---	
127-18-4	Tetrachloroethene	1.0	---	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	---	
108-88-3	Toluene	1.0	---	
108-90-7	Chlorobenzene	1.0	---	
100-41-4	Ethylbenzene	1.0	---	
100-42-5	Styrene	1.0	---	
75-69-4	Trichlorofluoromethane	1.0	---	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	---	
1330-20-7	m,p-Xylene	2.0	---	
95-47-6	o-Xylene	1.0	---	
95-50-1	1,2-Dichlorobenzene	1.0	---	
541-73-1	1,3-Dichlorobenzene	1.0	---	
106-46-7	1,4-Dichlorobenzene	1.0	---	
107-02-8	Acrolein	25	---	
74-88-4	Methyl Iodide	1.0	---	
74-96-4	Bromoethane	1.0	---	
107-13-1	Acrylonitrile	5.0	---	
563-58-6	1,1-Dichloropropene	1.0	---	
74-95-3	Dibromomethane	1.0	---	
630-20-6	1,1,1,2-Tetrachloroethane	1.0	---	
96-12-8	1,2-Dibromo-3-chloropropane	10	---	
96-18-4	1,2,3-Trichloropropane	2.5	---	

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: GT3

Page 2 of 2

MATRIX SPIKE DUP

Lab Sample ID: JI87A

QC Report No: JI87-CDM

LIMS ID: 06-8030

Project: LeatherCare

Matrix: Water

38057-47522

Date Analyzed: 05/22/06 16:09

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	5.0	---	
108-67-8	1,3,5-Trimethylbenzene	1.0	---	
95-63-6	1,2,4-Trimethylbenzene	1.0	---	
87-68-3	Hexachlorobutadiene	2.5	---	
106-93-4	Ethylene Dibromide	1.0	---	
74-97-5	Bromochloromethane	1.0	---	
594-20-7	2,2-Dichloropropane	1.0	---	
142-28-9	1,3-Dichloropropane	1.0	---	
98-82-8	Isopropylbenzene	1.0	---	
103-65-1	n-Propylbenzene	1.0	---	
108-86-1	Bromobenzene	1.0	---	
95-49-8	2-Chlorotoluene	1.0	---	
106-43-4	4-Chlorotoluene	1.0	---	
98-06-6	tert-Butylbenzene	1.0	---	
135-98-8	sec-Butylbenzene	1.0	---	
99-87-6	4-Isopropyltoluene	1.0	---	
104-51-8	n-Butylbenzene	1.0	---	
120-82-1	1,2,4-Trichlorobenzene	2.5	---	
91-20-3	Naphthalene	2.5	---	
87-61-6	1,2,3-Trichlorobenzene	2.5	---	

Reported in $\mu\text{g/L}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.0%
d8-Toluene	94.8%
Bromofluorobenzene	88.8%
d4-1,2-Dichlorobenzene	85.5%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: LCS-052206
LAB CONTROL SAMPLE

Lab Sample ID: LCS-052206

LIMS ID: 06-8030

Matrix: Water

Data Release Authorized:

Reported: 05/23/06

QC Report No: JI87-CDM

Project: LeatherCare

38057-47522

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN3/PAB

LCSD: FINN3/PAB

Date Analyzed LCS: 05/22/06 09:48

LCSD: 05/22/06 10:24

Sample Amount LCS: 20.0 mL

LCSD: 20.0 mL

Purge Volume LCS: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
Bromomethane	3.2	4.0	80.0%	3.1	4.0	77.5%	3.2%
Vinyl Chloride	4.1	4.0	102%	3.8	4.0	95.0%	7.6%
Chloroethane	4.2	4.0	105%	4.0	4.0	100%	4.9%
Methylene Chloride	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
Acetone	20.8	20.0	104%	18.8	20.0	94.0%	10.1%
Carbon Disulfide	4.7	4.0	118%	4.4	4.0	110%	6.6%
1,1-Dichloroethene	4.1	4.0	102%	4.0	4.0	100%	2.5%
1,1-Dichloroethane	4.4	4.0	110%	4.2	4.0	105%	4.7%
trans-1,2-Dichloroethene	4.2	4.0	105%	3.8	4.0	95.0%	10.0%
cis-1,2-Dichloroethene	4.2	4.0	105%	3.8	4.0	95.0%	10.0%
Chloroform	4.3	4.0	108%	4.0	4.0	100%	7.2%
1,2-Dichloroethane	4.2	4.0	105%	4.0	4.0	100%	4.9%
2-Butanone	18.9	20.0	94.5%	18.6	20.0	93.0%	1.6%
1,1,1-Trichloroethane	4.5	4.0	112%	4.2	4.0	105%	6.9%
Carbon Tetrachloride	4.5	4.0	112%	4.1	4.0	102%	9.3%
Vinyl Acetate	4.5	4.0	112%	4.2	4.0	105%	6.9%
Bromodichloromethane	4.6	4.0	115%	4.4	4.0	110%	4.4%
1,2-Dichloropropane	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
cis-1,3-Dichloropropene	3.7	4.0	92.5%	3.5	4.0	87.5%	5.6%
Trichloroethene	4.1	4.0	102%	3.9	4.0	97.5%	5.0%
Dibromochloromethane	3.6	4.0	90.0%	3.4	4.0	85.0%	5.7%
1,1,2-Trichloroethane	4.2	4.0	105%	3.8	4.0	95.0%	10.0%
Benzene	4.1	4.0	102%	4.0	4.0	100%	2.5%
trans-1,3-Dichloropropene	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
2-Chloroethylvinylether	4.6	4.0	115%	4.2	4.0	105%	9.1%
Bromoform	4.0	4.0	100%	3.6	4.0	90.0%	10.5%
4-Methyl-2-Pentanone (MIBK)	19.8	20.0	99.0%	18.2	20.0	91.0%	8.4%
2-Hexanone	20.0	20.0	100%	19.0	20.0	95.0%	5.1%
Tetrachloroethene	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
1,1,2,2-Tetrachloroethane	4.1	4.0	102%	4.0	4.0	100%	2.5%
Toluene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
Chlorobenzene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
Ethylbenzene	4.4	4.0	110%	4.2	4.0	105%	4.7%
Styrene	4.3	4.0	108%	4.0	4.0	100%	7.2%
Trichlorofluoromethane	4.7	4.0	118%	4.3	4.0	108%	8.9%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LCS-052206

Page 2 of 2

LAB CONTROL SAMPLE

Lab Sample ID: LCS-052206

QC Report No: JI87-CDM

LIMS ID: 06-8030

Project: LeatherCare

Matrix: Water

38057-47522

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,1,2-Trichloro-1,2,2-trifluoroetha	4.6	4.0	115%	4.2	4.0	105%	9.1%
m,p-Xylene	8.3	8.0	104%	8.3	8.0	104%	0.0%
o-Xylene	4.2	4.0	105%	3.9	4.0	97.5%	7.4%
1,2-Dichlorobenzene	4.2	4.0	105%	3.7	4.0	92.5%	12.7%
1,3-Dichlorobenzene	4.2	4.0	105%	3.7	4.0	92.5%	12.7%
1,4-Dichlorobenzene	4.3	4.0	108%	3.8	4.0	95.0%	12.3%
Acrolein	19.0	20.0	95.0%	18.4	20.0	92.0%	3.2%
Methyl Iodide	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
Bromoethane	4.2	4.0	105%	4.1	4.0	102%	2.4%
Acrylonitrile	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
1,1-Dichloropropene	4.3	4.0	108%	4.0	4.0	100%	7.2%
Dibromomethane	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
1,1,1,2-Tetrachloroethane	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
1,2-Dibromo-3-chloropropane	4.3	4.0	108%	3.6	4.0	90.0%	17.7%
1,2,3-Trichloropropane	4.1	4.0	102%	3.8	4.0	95.0%	7.6%
trans-1,4-Dichloro-2-butene	4.2	4.0	105%	3.8	4.0	95.0%	10.0%
1,3,5-Trimethylbenzene	4.6	4.0	115%	4.2	4.0	105%	9.1%
1,2,4-Trimethylbenzene	4.6	4.0	115%	4.2	4.0	105%	9.1%
Hexachlorobutadiene	4.0	4.0	100%	3.5	4.0	87.5%	13.3%
Ethylene Dibromide	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
Bromochloromethane	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
2,2-Dichloropropane	5.2	4.0	130%	4.7	4.0	118%	10.1%
1,3-Dichloropropane	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
Isopropylbenzene	4.5	4.0	112%	4.2	4.0	105%	6.9%
n-Propylbenzene	5.0	4.0	125%	4.5	4.0	112%	10.5%
Bromobenzene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
2-Chlorotoluene	4.0	4.0	100%	4.3	4.0	108%	7.2%
4-Chlorotoluene	4.4	4.0	110%	4.1	4.0	102%	7.1%
tert-Butylbenzene	4.3	4.0	108%	3.9	4.0	97.5%	9.8%
sec-Butylbenzene	4.7	4.0	118%	4.3	4.0	108%	8.9%
4-Isopropyltoluene	4.6	4.0	115%	4.1	4.0	102%	11.5%
n-Butylbenzene	4.7	4.0	118%	4.2	4.0	105%	11.2%
1,2,4-Trichlorobenzene	3.8	4.0	95.0%	3.5	4.0	87.5%	8.2%
Naphthalene	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
1,2,3-Trichlorobenzene	3.8	4.0	95.0%	3.4	4.0	85.0%	11.1%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	109%	102%
d8-Toluene	102%	97.0%
Bromofluorobenzene	104%	99.8%
d4-1,2-Dichlorobenzene	97.2%	89.0%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: MB-052206
METHOD BLANK

Lab Sample ID: MB-052206

LIMS ID: 06-8030

Matrix: Water

Data Release Authorized: *AB*

Reported: 05/23/06

QC Report No: JI87-CDM

Project: LeatherCare

38057-47522

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/22/06 10:52

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	< 1.0	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2Sample ID: MB-052206
METHOD BLANKLab Sample ID: MB-052206
LIMS ID: 06-8030
Matrix: Water
Date Analyzed: 05/22/06 10:52QC Report No: JI87-CDM
Project: LeatherCare
38057-47522

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	108%
d8-Toluene	98.2%
Bromofluorobenzene	91.8%
d4-1,2-Dichlorobenzene	102%

ORGANICS ANALYSIS DATA SHEET
METHANE ETHANE ETHENE
Modified RSK 175
Page 1 of 1
Matrix: Water

QC Report No: JI87-CDM
Project: LeatherCare
38057-47522
Date Received: 05/10/06

Data Release Authorized: 
Reported: 05/18/06

ARI ID	Sample ID	Analysis Date	DL	Analyte	RL	Result
JI87A	GT3	05/17/06	1.0	Methane	7	100
06-8030				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI87B	GT1	05/17/06	1.0	Methane	7	98
06-8031				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI87C	GT2	05/17/06	1.0	Methane	7	140
06-8032				Ethane	12	< 12 U
				Ethene	11	< 11 U
051706MB	Method Blank	05/17/06	1.0	Methane	7	< 7 U
051706MB	Method Blank	05/17/06	1.0	Ethane	12	< 12 U
051706MB	Method Blank	05/17/06	1.0	Ethene	11	< 11 U

Reported in ug/L (ppb)

RSK 175/METHANE-ETHANE-ETHENE WATER SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: JI87-CDM
Project: LeatherCare
38057-47522

ARI ID	Client ID	PRP	TOT OUT
JI87A	GT3	95.6%	0
JI87B	GT1	97.2%	0
JI87C	GT2	101%	0
MB-051706	Method Blank	107%	0
LCS-051706	Lab Control	110%	0

LCS/MB LIMITS QC LIMITS

(PRP) = Propane (30-160) (30-160)

Log Number Range: 06-8030 to 06-8032

ORGANICS ANALYSIS DATA SHEET
METHANE ETHANE ETHENE
Modified RSK 175
Page 1 of 1
Matrix: Water

QC Report No: JI87-CDM
Project: LeatherCare
38057-47522
Date Received: 05/10/06

Data Release Authorized: 
Reported: 05/18/06

ARI ID	Analysis Date	Analyte	Spike	Result	Recovery	RPD
051706LCS	05/17/06	Methane	650	630	96.3%	
051706LCS	05/17/06	Ethane	1,200	1,200	97.8%	
051706LCS	05/17/06	Ethene	1,100	1,200	104.8%	

Reported in ug/L (ppb)

ORGANICS ANALYSIS DATA SHEET
TOTAL DIESEL RANGE HYDROCARBONS

NWTPHD by GC/FID

Page 1 of 1

Matrix: Water

QC Report No: JI87-CDM

Project: LeatherCare

38057-47522

Date Received: 05/10/06

Data Release Authorized: *mm*

Reported: 05/22/06

ARI ID	Sample ID	Extraction Date	Analysis Date	DL	Range	Result mg/L
MB-051206 06-8030	Method Blank HC ID: ---	05/12/06	05/15/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 87.1%
JI87A 06-8030	GT3 HC ID: ---	05/12/06	05/17/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 88.2%
JI87B 06-8031	GT1 HC ID: ---	05/12/06	05/17/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 102%
JI87C 06-8032	GT2 HC ID: DRO	05/12/06	05/17/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	0.32 < 0.50 U 97.1%

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 indicates results of organics or additional hydrocarbons in
ranges are not identifiable.

Data File: /chem3/fid3a.i/20060516.b/0516a064.d

Page 1

Date : 17-MAY-2006 00:27

Client ID:

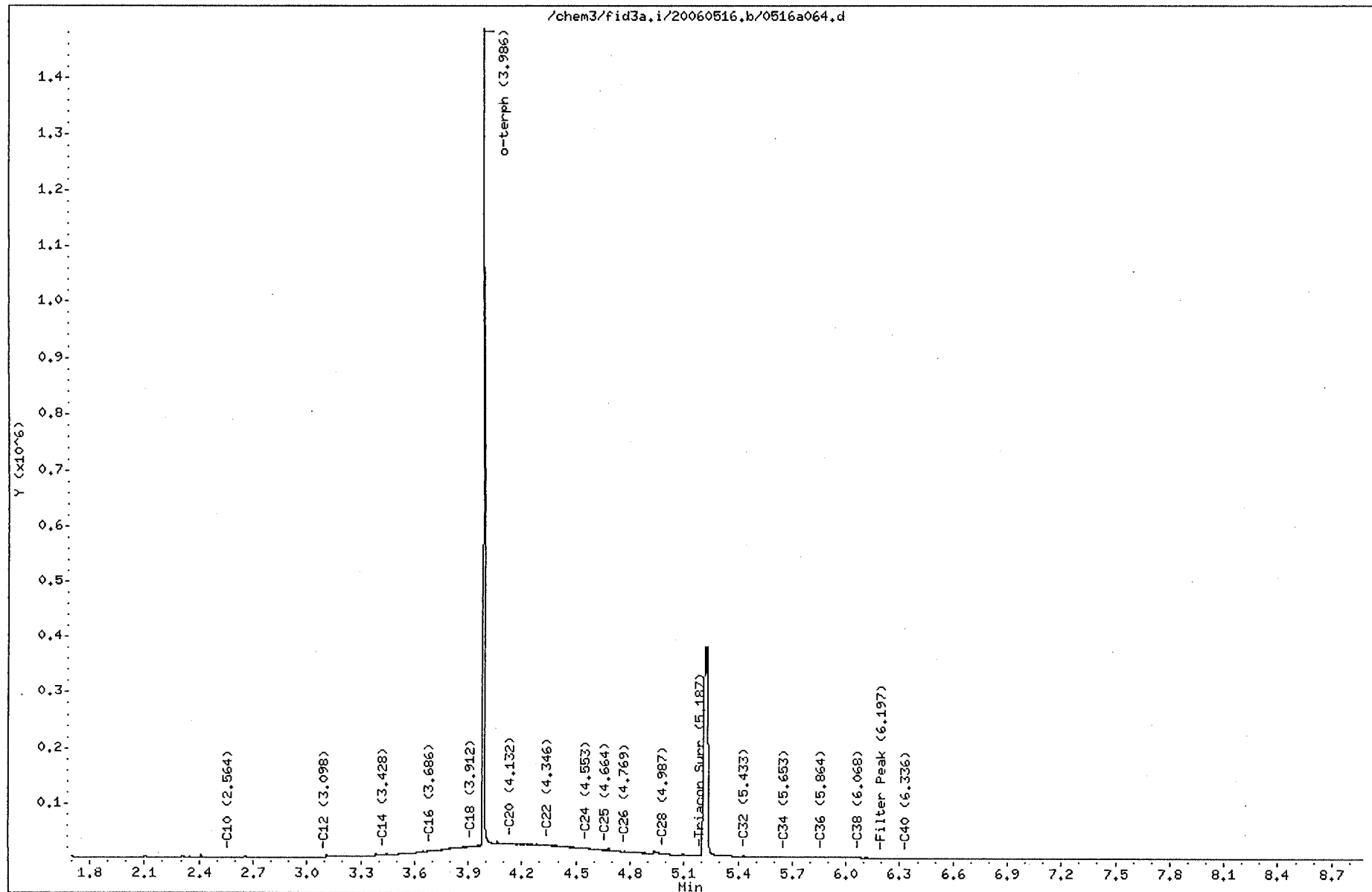
Instrument: fid3a.i

Sample Info: JI87A

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060516.b/0516a071.d

Page 1

Date : 17-MAY-2006 02:28

Client ID:

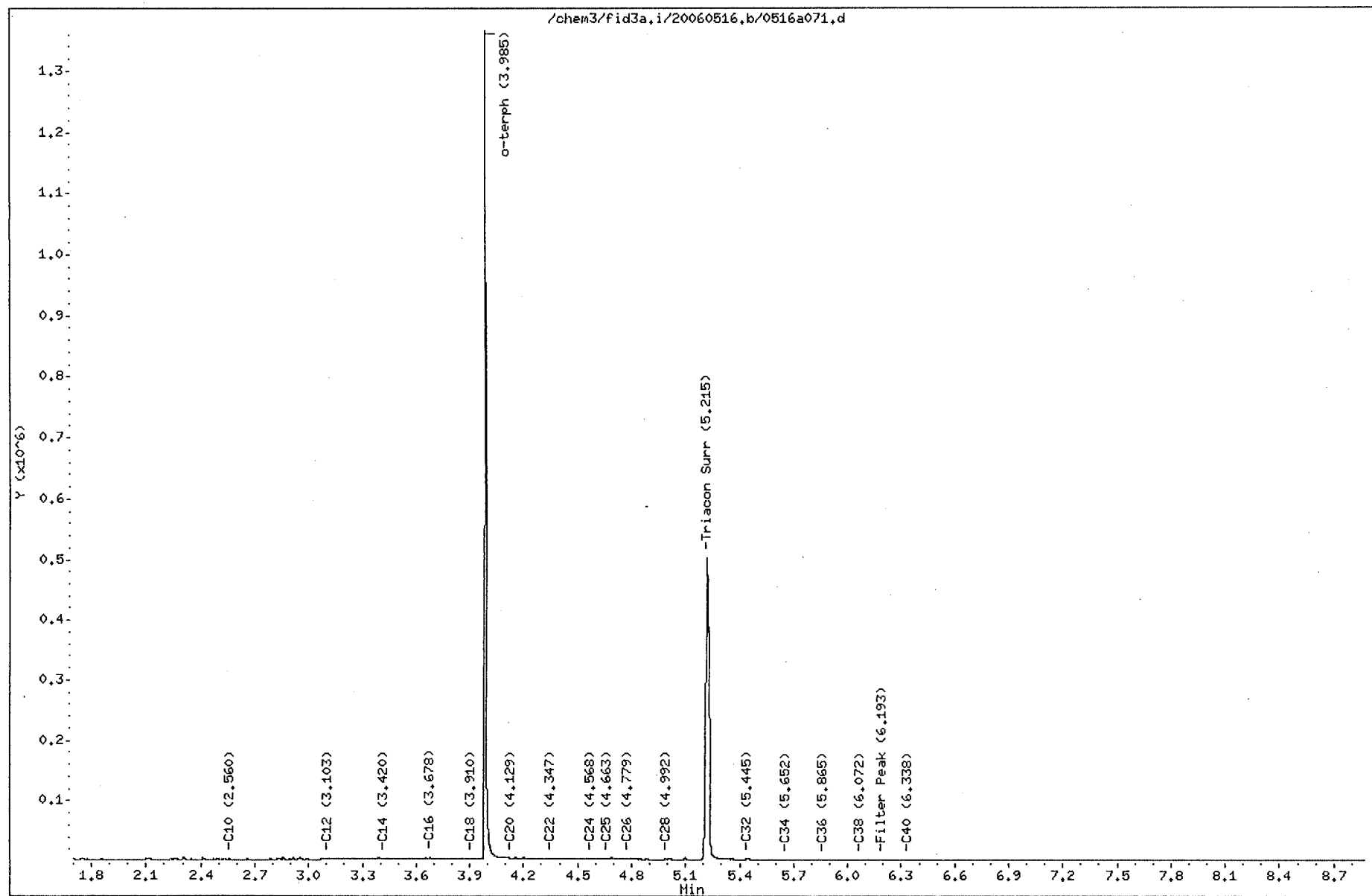
Instrument: fid3a.i

Sample Info: J187B

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060516.b/0516a072.d

Page 1

Date : 17-MAY-2006 02:45

Client ID:

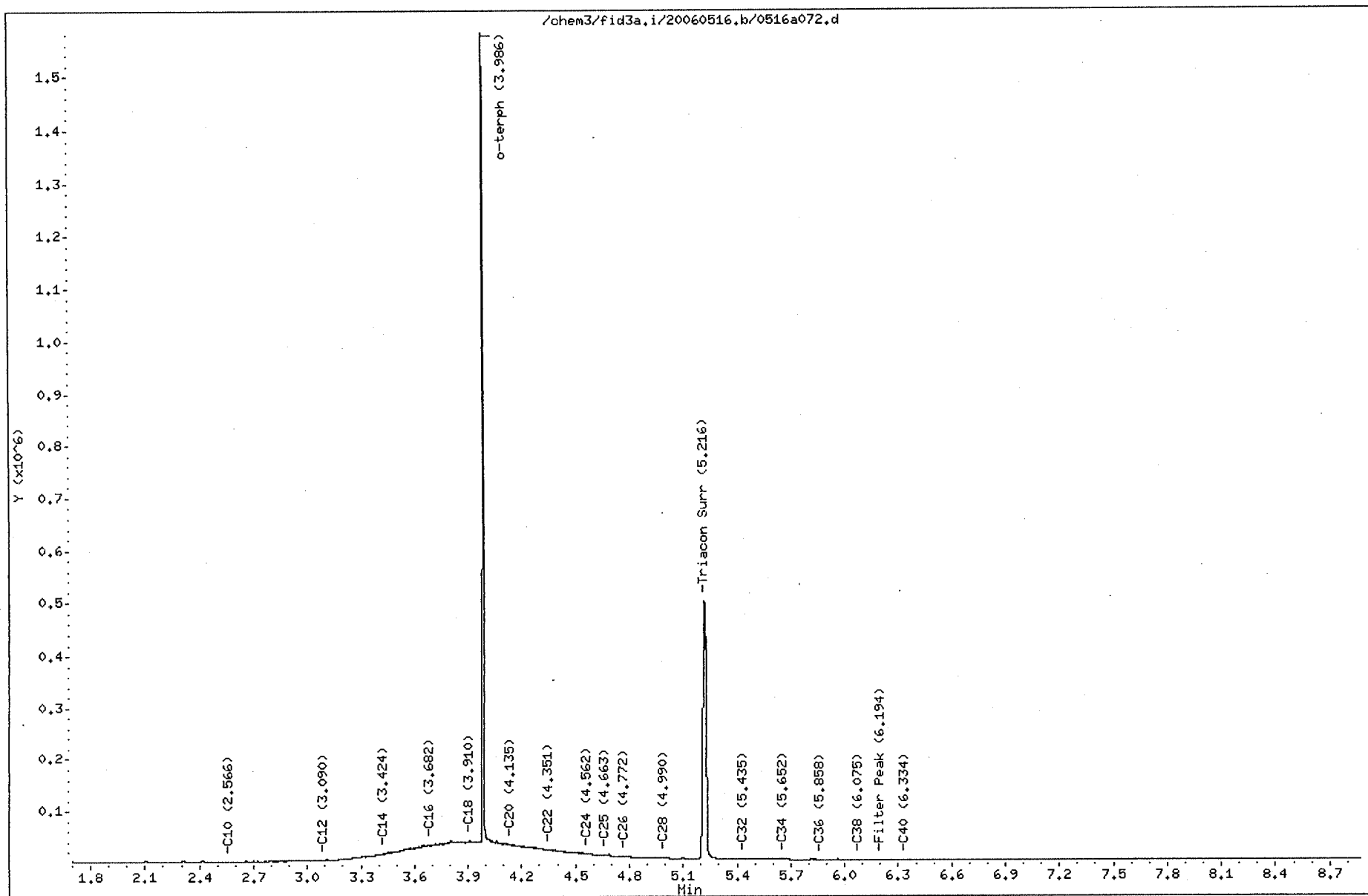
Sample Info: JI87C

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25

Column phase: RTX-1



Data File: /chem3/fid3a.i/20060515.b/0515a015.d

Page 1

Date : 15-MAY-2006 10:57

Client ID: J150MBW1

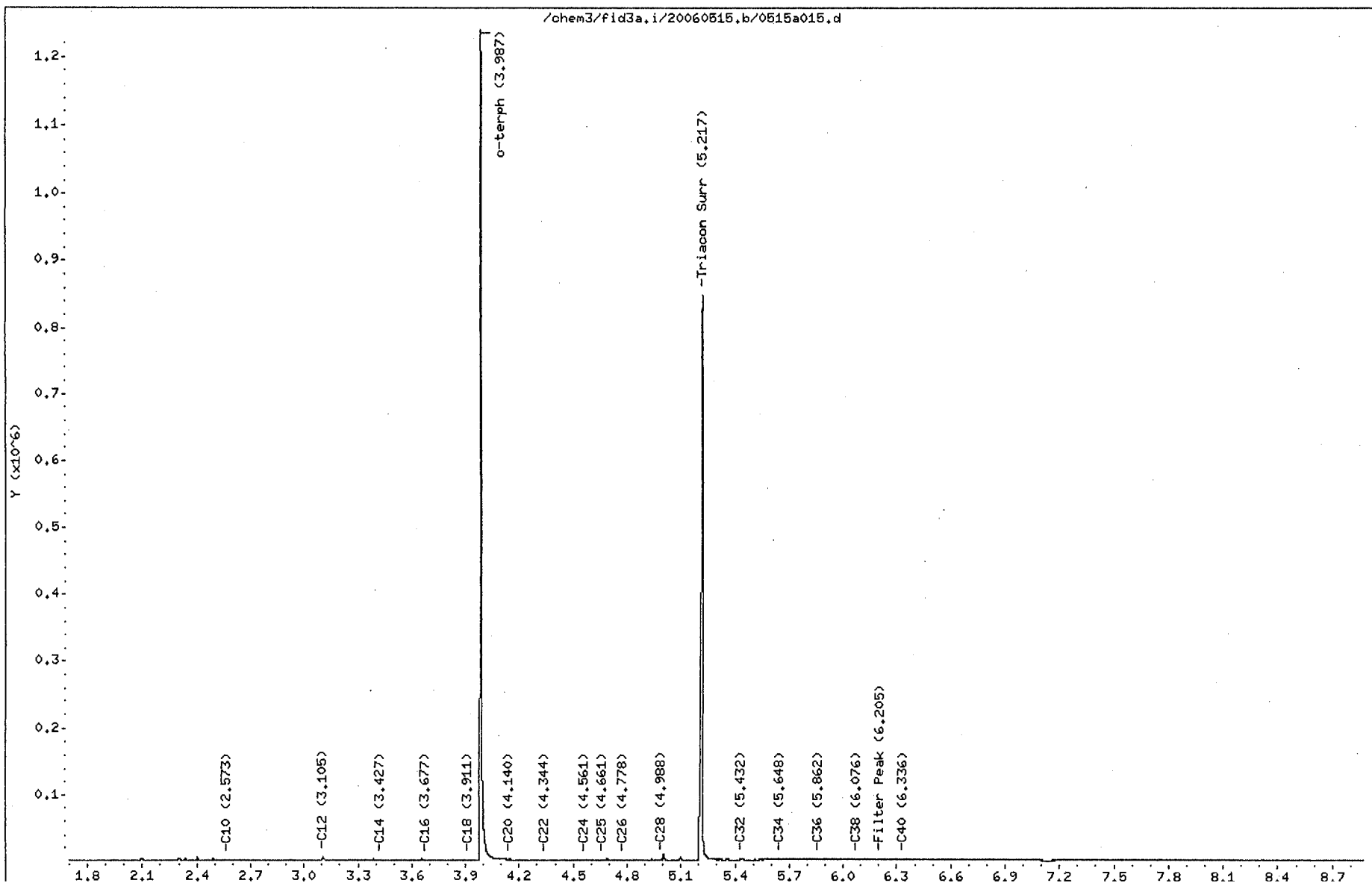
Sample Info: J150MBW1

Instrument: fid3a.i

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



TPHD SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: JI87-CDM
Project: LeatherCare
38057-47522

Client ID	OTER	TOT OUT
MB-051206	87.1%	0
LCS-051206	97.6%	0
GT3	88.2%	0
GT1	102%	0
GT2	97.1%	0

	LCS/MB LIMITS	QC LIMITS
(OTER) = o-Terphenyl	(60-116)	(52-124)

Prep Method: SW3510C
Log Number Range: 06-8030 to 06-8032

ORGANICS ANALYSIS DATA SHEET
NWTPHD by GC/FID
Page 1 of 1

Sample ID: LCS-051206
LAB CONTROL

Lab Sample ID: LCS-051206
LIMS ID: 06-8030
Matrix: Water
Data Release Authorized: *MW*
Reported: 05/22/06

QC Report No: JI87-CDM
Project: LeatherCare
38057-47522
Date Sampled: NA
Date Received: NA

Date Extracted: 05/12/06
Date Analyzed: 05/15/06 11:14
Instrument/Analyst: FID3A/AAR

Sample Amount: 500 mL
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00

Range	Lab Control	Spike Added	Recovery
Diesel	2.78	3.00	92.7%

TPHD Surrogate Recovery

o-Terphenyl	97.6%
-------------	-------

Results reported in mg/L

Data File: /chem3/fid3a.i/20060515.b/0515a016.d

Page 1

Date : 15-MAY-2006 11:14

Client ID: JI50LCSW1

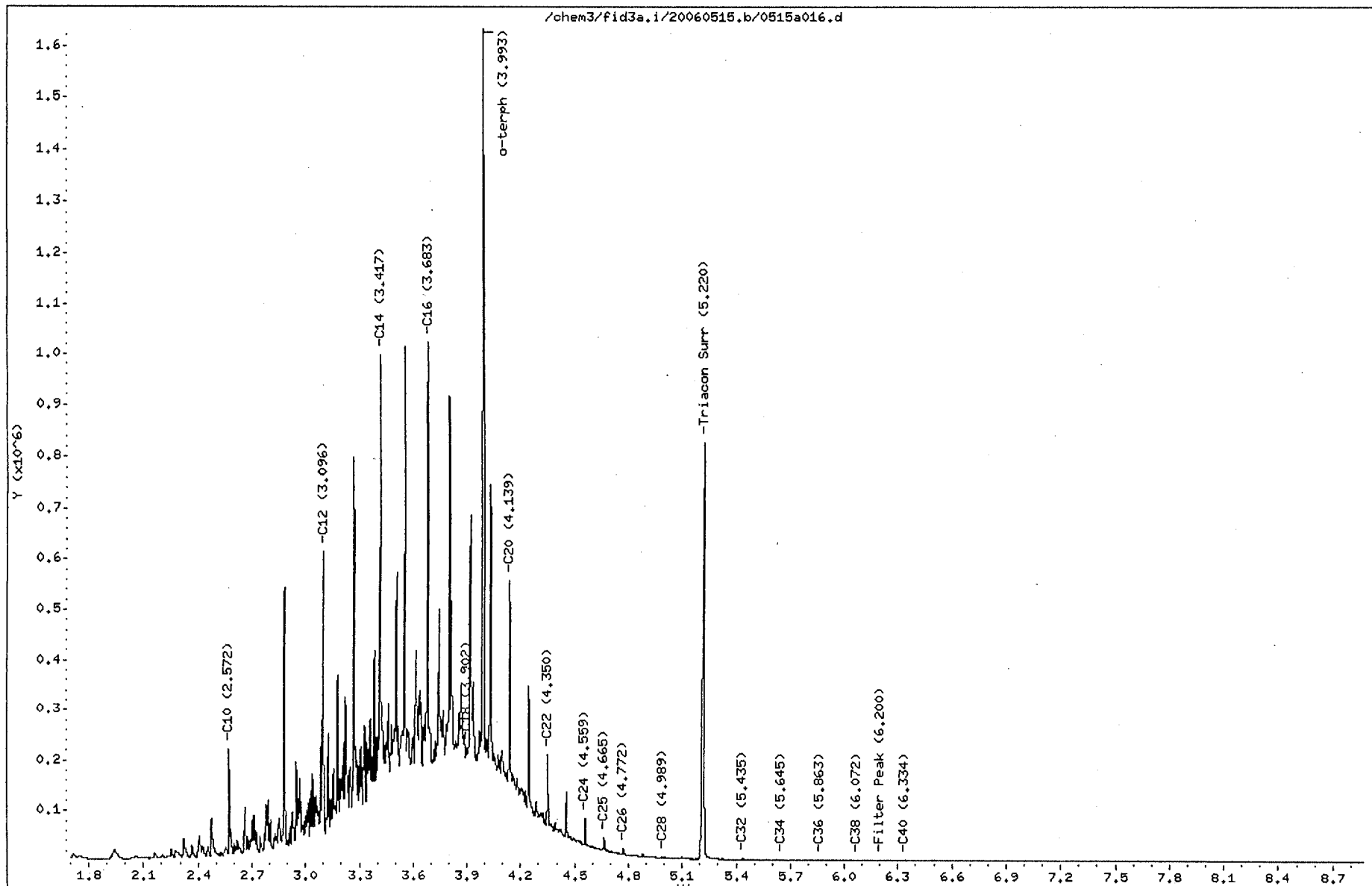
Sample Info: JI50LCSW1

Instrument: fid3a.i

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



TOTAL DIESEL RANGE HYDROCARBONS-EXTRACTION REPORT

Matrix: Water

Date Received: 05/10/06

ARI Job: JI87

Project: LeatherCare

38057-47522

ARI ID	Client ID	Samp Amt	Final Vol	Prep Date
06-8030-051206MB1	Method Blank	500 mL	1.00 mL	05/12/06
06-8030-051206LCS1	Lab Control	500 mL	1.00 mL	05/12/06
06-8030-JI87A	GT3	500 mL	1.00 mL	05/12/06
06-8031-JI87B	GT1	500 mL	1.00 mL	05/12/06
06-8032-JI87C	GT2	500 mL	1.00 mL	05/12/06

SAMPLE RESULTS-CONVENTIONALS
JI87-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: LeatherCare
Event: 38057-47522
Date Sampled: 05/10/06
Date Received: 05/10/06

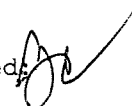
Client ID: GT3
ARI ID: 06-8030 JI87A

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/12/06 051206#2	SM 2320	mg/L CaCO3	1.0	358
Carbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	358
Hydroxide	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/19/06 051906#1	EPA 325.2	mg/L	5.0	16.5
Sulfate	05/15/06 051506#2	EPA 375.2	mg/L	10.0	77.8
Chemical Oxygen Demand	05/16/06 051606#1	EPA 410.4	mg/L	5.00	9.29

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI87-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: LeatherCare
Event: 38057-47522
Date Sampled: 05/10/06
Date Received: 05/10/06

Client ID: GT1
ARI ID: 06-8031 JI87B

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/12/06 051206#2	SM 2320	mg/L CaCO3	1.0	336
Carbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	336
Hydroxide	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/19/06 051906#1	EPA 325.2	mg/L	1.0	7.4
Sulfate	05/15/06 051506#2	EPA 375.2	mg/L	4.0	62.3
Chemical Oxygen Demand	05/16/06 051606#1	EPA 410.4	mg/L	5.00	6.18

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI87-CDM



Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 05/23/06

Project: LeatherCare
Event: 38057-47522
Date Sampled: 05/10/06
Date Received: 05/10/06

Client ID: GT2
ARI ID: 06-8032 JI87C

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/12/06 051206#2	SM 2320	mg/L CaCO3	1.0	406
Carbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/12/06	SM 2320	mg/L CaCO3	1.0	406
Hydroxide	05/12/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/19/06 051906#1	EPA 325.2	mg/L	1.0	7.9
Sulfate	05/15/06 051506#2	EPA 375.2	mg/L	4.0	64.4
Chemical Oxygen Demand	05/11/06 051106#1	EPA 410.4	mg/L	5.00	5.68

RL Analytical reporting limit
U Undetected at reported detection limit

METHOD BLANK RESULTS-CONVENTIONALS
JI87-CDM



Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 05/23/06

Project: LeatherCare
Event: 38057-47522
Date Sampled: NA
Date Received: NA

Analyte	Method	Date	Units	Blank
Chloride	EPA 325.2	05/19/06	mg/L	< 1.0 U
Sulfate	EPA 375.2	05/15/06	mg/L	< 2.0 U
Chemical Oxygen Demand	EPA 410.4	05/11/06 05/16/06	mg/L	< 5.00 U < 5.00 U

MS/MSD RESULTS-CONVENTIONALS
JI87-CDM



Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 05/23/06

Project: LeatherCare
Event: 38057-47522
Date Sampled: 05/10/06
Date Received: 05/10/06

Analyte	Method	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: JI87A Client ID: GT3							
Chloride	EPA 325.2	05/19/06	mg/L	16.5	66.9	50.0	100.8%
Chemical Oxygen Demand	EPA 410.4	05/16/06	mg/L	9.29	52.2	38.0	112.9%

REPLICATE RESULTS-CONVENTIONALS
JI87-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: LeatherCare
Event: 38057-47522
Date Sampled: 05/10/06
Date Received: 05/10/06

Analyte	Method	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JI87A Client ID: GT3						
Chloride	EPA 325.2	05/19/06	mg/L	16.5	16.4	0.6%
Chemical Oxygen Demand	EPA 410.4	05/16/06	mg/L	9.29	< 5.00	NA

STANDARD REFERENCE RESULTS-CONVENTIONALS
JI87-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: LeatherCare
Event: 38057-47522
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Method	Date	Units	SRM	True Value	Recovery
Chloride ERA #38084	EPA 325.2	05/19/06	mg/L	4.9	5.0	98.0%
Sulfate ERA #37065	EPA 375.2	05/15/06	mg/L	24.9	25.0	99.6%
Chemical Oxygen Demand Thermo Orion #I01	EPA 410.4	05/11/06 05/16/06	mg/L	89.0 91.6	90.0 90.0	98.9% 101.8%



Analytical Resources, Incorporated
Analytical Chemists and Consultants

June 1, 2006

Ms. Pam Morrill
CDM
11811 NE 1st, Suite 201
Bellevue, WA 98009

RE: Project ID: 38057-47522 Leathercare
ARI Job No: JI38

Dear Pam:

Please find enclosed the original chain of custody documentation (COCs) and the final results for the samples from the project referenced above. Analytical Resources Inc. (ARI) accepted six soil samples and one Trip Blank on May 4, 2006. The samples were received in good condition with no discrepancies in paperwork, with the exception that the Trip Blank was not listed on the COC. Samples were taken using 5035 sampling techniques.

The samples were analyzed for volatile organic compounds 8260B as instructed on the COC, for a short list of compounds, confirmed by telephone between Sue Dunnihoo and Pam Morrill.

Because of unusual samples foaming during the purge, the soil instrument was compromised before analyses were completed. Sample LC2-4.5' was run at medium level on the water instrument, and rerun at low levels outside holding times, once the soil instrument was functional. Results for the two analyses vary greatly, thought to be due to the discreet sampling method required, and the difference of using Methanol which extracts organics from the soil, and sodium bisulfate which acts as a preservative but not as an extraction solvent.

There were no other anomalies associated with this set of samples.

A copy of these reports and the supporting data will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Susan D. Dunnihoo
Project Manager
Phone: 206-695-6207
sue@arilabs.com

Enclosures

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: SI38	Turn-around Requested: sta - 2 week	Page: 1 of 1
ARI Client Company: CDM	Phone: 425-453-8383	Date: 5/4/06 Ice Present? YES
Client Contact: Pam Morrill	No. of Coolers: 1	Cooler Temps: 1.8



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

Client Project Name: Leathercare					Analysis Requested								Notes/Comments
Client Project #: 38057-47522		Samplers: PSM & MUF			Adaptor, Helogen-then volatiles 8260B								
Sample ID	Date	Time	Matrix	No. Containers									
LC1-2'	5/3/06	1700	soil	4	✓								
LC2-4.5'	5/3/06	1845	soil	4	✓								
LC4-6'	5/4/06	0925	soil	4	✓								
LC5-2.5'	5/4/06	1100	soil	4	✓								
LC6-2.5'	5/4/06	1235	soil	4	✓								
LC3-2.5'	5/4/06	1415	soil	5	✓								
Comments/Special Instructions	Relinquished by: (Signature) Mary Lou Fox		Received by: (Signature) Eric Branson		Relinquished by: (Signature)		Received by: (Signature)						
	Printed Name: Mary Lou Fox		Printed Name: ERIC BRANSON		Printed Name:		Printed Name:						
	Company: ARI		Company: ARI		Company:		Company:						
	Date & Time: 5/4/06 1652		Date & Time: 5/4/06 1652		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, notwithstanding 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.

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LC1-2'

Page 1 of 1

SAMPLE

Lab Sample ID: JI38A

QC Report No: JI38-CDM

LIMS ID: 06-7751

Project: Leathercare

Matrix: Soil

38057-47522

Data Release Authorized:

Date Sampled: 05/03/06

Reported: 05/25/06

Date Received: 05/04/06

Instrument/Analyst: FINN5/JLM

Sample Amount: 4.69 g-dry-wt

Date Analyzed: 05/16/06 22:44

Purge Volume: 5.0 mL

Moisture: 13.7%

CAS Number	Analyte	RL	Result	Q
75-01-4	Vinyl Chloride	1.1	< 1.1	U
75-35-4	1,1-Dichloroethene	1.1	< 1.1	U
156-60-5	trans-1,2-Dichloroethene	1.1	< 1.1	U
156-59-2	cis-1,2-Dichloroethene	1.1	5.1	
79-01-6	Trichloroethene	1.1	15	
127-18-4	Tetrachloroethene	1.1	110	

Reported in $\mu\text{g/kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	100%
d8-Toluene	108%
Bromofluorobenzene	101%
d4-1,2-Dichlorobenzene	106%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LC2-4.5'

Page 1 of 1

SAMPLE

Lab Sample ID: JI38B

QC Report No: JI38-CDM

LIMS ID: 06-7752

Project: Leathercare

Matrix: Soil

38057-47522

Data Release Authorized:

Date Sampled: 05/03/06

Reported: 05/25/06

Date Received: 05/04/06

Instrument/Analyst: NT3/JLM

Sample Amount: 58.4 mg-dry-wt

Date Analyzed: 05/17/06 21:07

Purge Volume: 5.0 mL

Moisture: 18.9%

CAS Number	Analyte	RL	Result	Q
75-01-4	Vinyl Chloride	86	< 86	U
75-35-4	1,1-Dichloroethene	86	< 86	U
156-60-5	trans-1,2-Dichloroethene	86	< 86	U
156-59-2	cis-1,2-Dichloroethene	86	190	
79-01-6	Trichloroethene	86	< 86	U
127-18-4	Tetrachloroethene	86	< 86	U

Reported in $\mu\text{g/kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	100%
d8-Toluene	101%
Bromofluorobenzene	98.7%
d4-1,2-Dichlorobenzene	111%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LC2-4.5'

Page 1 of 1

REANALYSIS

Lab Sample ID: JI38B

QC Report No: JI38-CDM

LIMS ID: 06-7752

Project: Leathercare

Matrix: Soil

38057-47522

Data Release Authorized:

Date Sampled: 05/03/06

Reported: 05/25/06

Date Received: 05/04/06

Instrument/Analyst: FINN1/JLM

Sample Amount: 4.05 g-dry-wt

Date Analyzed: 05/18/06 17:15

Purge Volume: 5.0 mL

Moisture: 18.9%

CAS Number	Analyte	RL	Result	Q
75-01-4	Vinyl Chloride	1.2	< 1.2	U
75-35-4	1,1-Dichloroethene	1.2	< 1.2	U
156-60-5	trans-1,2-Dichloroethene	1.2	< 1.2	U
156-59-2	cis-1,2-Dichloroethene	1.2	7.6	
79-01-6	Trichloroethene	1.2	1.5	
127-18-4	Tetrachloroethene	1.2	4.0	

Reported in $\mu\text{g/kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	89.9%
Bromofluorobenzene	91.7%
d4-1,2-Dichlorobenzene	95.1%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 1

Sample ID: LC4-6'
SAMPLE

Lab Sample ID: JI38C

LIMS ID: 06-7753

Matrix: Soil

Data Release Authorized:

Reported: 05/25/06

QC Report No: JI38-CDM

Project: Leathercare

38057-47522

Date Sampled: 05/04/06

Date Received: 05/04/06

Instrument/Analyst: FINN5/JLM

Date Analyzed: 05/16/06 23:42

Sample Amount: 3.92 g-dry-wt

Purge Volume: 5.0 mL

Moisture: 19.5%

CAS Number	Analyte	RL	Result	Q
75-01-4	Vinyl Chloride	1.3	2.0	M
75-35-4	1,1-Dichloroethene	1.3	< 1.3	U
156-60-5	trans-1,2-Dichloroethene	1.3	< 1.3	U
156-59-2	cis-1,2-Dichloroethene	1.3	3.4	
79-01-6	Trichloroethene	1.3	7.0	
127-18-4	Tetrachloroethene	1.3	12	

Reported in $\mu\text{g/kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	100%
d8-Toluene	109%
Bromofluorobenzene	99.4%
d4-1,2-Dichlorobenzene	108%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 1Sample ID: LC5-2.5'
SAMPLE

Lab Sample ID: JI38D

LIMS ID: 06-7754

Matrix: Soil

Data Release Authorized:

Reported: 05/25/06

QC Report No: JI38-CDM

Project: Leathercare

38057-47522

Date Sampled: 05/04/06

Date Received: 05/04/06

Instrument/Analyst: FINN5/JLM

Date Analyzed: 05/17/06 00:11

Sample Amount: 4.58 g-dry-wt

Purge Volume: 5.0 mL

Moisture: 10.5%

CAS Number	Analyte	RL	Result	Q
75-01-4	Vinyl Chloride	1.1	1.5	
75-35-4	1,1-Dichloroethene	1.1	< 1.1	U
156-60-5	trans-1,2-Dichloroethene	1.1	< 1.1	U
156-59-2	cis-1,2-Dichloroethene	1.1	6.2	
79-01-6	Trichloroethene	1.1	3.4	
127-18-4	Tetrachloroethene	1.1	19	

Reported in $\mu\text{g/kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	110%
Bromofluorobenzene	104%
d4-1,2-Dichlorobenzene	105%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LC6-2.5'

Page 1 of 1

SAMPLE

Lab Sample ID: JI38E

QC Report No: JI38-CDM

LIMS ID: 06-7755

Project: Leathercare

Matrix: Soil

38057-47522

Data Release Authorized: 

Date Sampled: 05/04/06

Reported: 05/25/06

Date Received: 05/04/06

Instrument/Analyst: FINN1/JLM

Sample Amount: 4.23 g-dry-wt

Date Analyzed: 05/18/06 17:42

Purge Volume: 5.0 mL

Moisture: 15.8%

CAS Number	Analyte	RL	Result	Q
75-01-4	Vinyl Chloride	1.2	< 1.2	U
75-35-4	1,1-Dichloroethene	1.2	< 1.2	U
156-60-5	trans-1,2-Dichloroethene	1.2	< 1.2	U
156-59-2	cis-1,2-Dichloroethene	1.2	< 1.2	U
79-01-6	Trichloroethene	1.2	< 1.2	U
127-18-4	Tetrachloroethene	1.2	2.5	

Reported in $\mu\text{g/kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	116%
d8-Toluene	91.1%
Bromofluorobenzene	90.9%
d4-1,2-Dichlorobenzene	100%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 1Sample ID: LC3-2.5'
SAMPLE

Lab Sample ID: JI38F

LIMS ID: 06-7756

Matrix: Soil

Data Release Authorized:

Reported: 05/25/06

QC Report No: JI38-CDM

Project: Leathercare

38057-47522

Date Sampled: 05/04/06

Date Received: 05/04/06

Instrument/Analyst: FINN1/JLM

Date Analyzed: 05/18/06 21:39

Sample Amount: 4.47 g-dry-wt

Purge Volume: 5.0 mL

Moisture: 12.6%

CAS Number	Analyte	RL	Result	Q
75-01-4	Vinyl Chloride	1.1	< 1.1	U
75-35-4	1,1-Dichloroethene	1.1	< 1.1	U
156-60-5	trans-1,2-Dichloroethene	1.1	< 1.1	U
156-59-2	cis-1,2-Dichloroethene	1.1	< 1.1	U
79-01-6	Trichloroethene	1.1	< 1.1	U
127-18-4	Tetrachloroethene	1.1	2.2	

Reported in $\mu\text{g/kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	107%
d8-Toluene	93.7%
Bromofluorobenzene	97.4%
d4-1,2-Dichlorobenzene	96.3%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 1Sample ID: TRIP BLANK
SAMPLE

Lab Sample ID: JI38G

LIMS ID: 06-7757

Matrix: Water

Data Release Authorized:

Reported: 05/25/06

QC Report No: JI38-CDM

Project: Leathercare

38057-47522

Date Sampled: 03/08/06

Date Received: 05/04/06

Instrument/Analyst: FINN1/JLM

Date Analyzed: 05/18/06 16:41

Sample Amount: 5.00 mL

Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result	Q
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0	U
79-01-6	Trichloroethene	1.0	< 1.0	U
127-18-4	Tetrachloroethene	1.0	< 1.0	U

Reported in $\mu\text{g/L}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	100%
d8-Toluene	90.4%
Bromofluorobenzene	92.1%
d4-1,2-Dichlorobenzene	97.3%

VOA SURROGATE RECOVERY SUMMARY



Matrix: Soil

QC Report No: JI38-CDM
Project: Leathercare
38057-47522

ARI ID	Client ID	Level	DCE	TOL	BFB	DCB	TOT OUT
MB-051606	Method Blank	Low	111%	108%	107%	105%	0
LCS-051606	Lab Control	Low	96.1%	106%	103%	103%	0
LCSD-051606	Lab Control Dup	Low	97.6%	105%	107%	104%	0
JI38A	LC1-2'	Low	100%	108%	101%	106%	0
MB-051706	Method Blank	Med	91.9%	98.3%	96.0%	107%	0
LCS-051706	Lab Control	Med	93.1%	103%	103%	99.1%	0
LCSD-051706	Lab Control Dup	Med	95.9%	108%	108%	107%	0
JI38B	LC2-4.5'	Med	100%	101%	98.7%	111%	0
JI38BDL	LC2-4.5'	Low	102%	89.9%	91.7%	95.1%	0
JI38C	LC4-6'	Low	100%	109%	99.4%	108%	0
JI38D	LC5-2.5'	Low	102%	110%	104%	105%	0
JI38E	LC6-2.5'	Low	116%	91.1%	90.9%	100%	0
MB-051806	Method Blank	Low	102%	92.7%	96.5%	97.4%	0
LCS-051806	Lab Control	Low	90.2%	93.0%	95.6%	92.9%	0
LCSD-051806	Lab Control Dup	Low	95.1%	94.3%	99.3%	97.6%	0
JI38F	LC3-2.5'	Low	107%	93.7%	97.4%	96.3%	0

SW8260B	LCS/MB LIMITS		QC LIMITS	
	Low	Med	Low	Med
(DCE) = d4-1,2-Dichloroethane	68-140	71-131	67-161	66-146
(TOL) = d8-Toluene	84-116	80-116	82-118	86-123
(BFB) = Bromofluorobenzene	79-114	82-114	63-122	82-130
(DCB) = d4-1,2-Dichlorobenzene	77-113	84-116	74-112	90-112

Log Number Range: 06-7751 to 06-7756

VOA SURROGATE RECOVERY SUMMARY



Matrix: Water

QC Report No: JI38-CDM
Project: Leathercare
38057-47522

ARI ID	Client ID	PV	DCE	TOL	BFB	DCB	TOT OUT
JI38G	TRIP BLANK	5	100%	90.4%	92.1%	97.3%	0

	LCS/MB LIMITS		QC LIMITS	
SW8260B	5mL Purge	20mL Purge	5mL Purge	20mL Purge
(DCE) = d4-1,2-Dichloroethane	70-134	63-127	66-142	66-139
(TOL) = d8-Toluene	78-123	77-117	75-124	82-123
(BFB) = Bromofluorobenzene	78-121	68-116	75-121	71-113
(DCB) = d4-1,2-Dichlorobenzene	79-116	79-113	78-124	84-125

Prep Method: SW5030B
Log Number Range: 06-7757 to 06-7757

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 1

Sample ID: LCS-051606
LAB CONTROL SAMPLE

Lab Sample ID: LCS-051606
LIMS ID: 06-7751
Matrix: Soil
Data Release Authorized:
Reported: 05/25/06

QC Report No: JI38-CDM
Project: Leathercare
38057-47522
Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: FINN5/JLM
LCSD: FINN5/JLM
Date Analyzed LCS: 05/16/06 17:46
LCSD: 05/16/06 18:29

Sample Amount LCS: 5.00 g-dry-wt
LCSD: 5.00 g-dry-wt
Purge Volume LCS: 5.0 mL
LCSD: 5.0 mL
Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Vinyl Chloride	57.6	50.0	115%	58.6	50.0	117%	1.7%
1,1-Dichloroethene	53.3	50.0	107%	54.5	50.0	109%	2.2%
trans-1,2-Dichloroethene	54.4	50.0	109%	54.9	50.0	110%	0.9%
cis-1,2-Dichloroethene	52.8	50.0	106%	53.6	50.0	107%	1.5%
Trichloroethene	58.0	50.0	116%	55.8	50.0	112%	3.9%
Tetrachloroethene	58.0	50.0	116%	58.3	50.0	117%	0.5%

Reported in $\mu\text{g/kg}$ (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	96.1%	97.6%
d8-Toluene	106%	105%
Bromofluorobenzene	103%	107%
d4-1,2-Dichlorobenzene	103%	104%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 1Sample ID: LCS-051706
LAB CONTROL SAMPLELab Sample ID: LCS-051706
LIMS ID: 06-7752
Matrix: Soil
Data Release Authorized:
Reported: 05/25/06QC Report No: JI38-CDM
Project: Leathercare
38057-47522
Date Sampled: NA
Date Received: NAInstrument/Analyst LCS: NT3/JLM
LCSD: NT3/JLM
Date Analyzed LCS: 05/17/06 10:07
LCSD: 05/17/06 10:34Sample Amount LCS: 100 mg-dry-wt
LCSD: 100 mg-dry-wt
Purge Volume LCS: 5.0 mL
LCSD: 5.0 mL
Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Vinyl Chloride	2360	2500	94.4%	2540	2500	102%	7.3%
1,1-Dichloroethene	2260	2500	90.4%	2320	2500	92.8%	2.6%
trans-1,2-Dichloroethene	2230	2500	89.2%	2300	2500	92.0%	3.1%
cis-1,2-Dichloroethene	2180	2500	87.2%	2300	2500	92.0%	5.4%
Trichloroethene	2150	2500	86.0%	2300	2500	92.0%	6.7%
Tetrachloroethene	2380	2500	95.2%	2500	2500	100%	4.9%

Reported in $\mu\text{g/kg}$ (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	93.1%	95.9%
d8-Toluene	103%	108%
Bromofluorobenzene	103%	108%
d4-1,2-Dichlorobenzene	99.1%	107%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Page 1 of 1

Sample ID: LCS-051806

LAB CONTROL SAMPLE

Lab Sample ID: LCS-051806

LIMS ID: 06-7756

Matrix: Soil

Data Release Authorized: 

Reported: 05/25/06

QC Report No: JI38-CDM

Project: Leathercare

38057-47522

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN1/JLM

LCSD: FINN1/JLM

Date Analyzed LCS: 05/18/06 15:07

LCSD: 05/18/06 15:42

Sample Amount LCS: 5.00 g-dry-wt

LCSD: 5.00 g-dry-wt

Purge Volume LCS: 5.0 mL

LCSD: 5.0 mL

Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Vinyl Chloride	43.6	50.0	87.2%	42.8	50.0	85.6%	1.9%
1,1-Dichloroethene	48.2	50.0	96.4%	46.9	50.0	93.8%	2.7%
trans-1,2-Dichloroethene	48.2	50.0	96.4%	48.2	50.0	96.4%	0.0%
cis-1,2-Dichloroethene	49.8	50.0	99.6%	48.4	50.0	96.8%	2.9%
Trichloroethene	47.8	50.0	95.6%	46.3	50.0	92.6%	3.2%
Tetrachloroethene	53.9	50.0	108%	53.6	50.0	107%	0.6%

Reported in $\mu\text{g/kg}$ (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	90.2%	95.1%
d8-Toluene	93.0%	94.3%
Bromofluorobenzene	95.6%	99.3%
d4-1,2-Dichlorobenzene	92.9%	97.6%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 1Sample ID: MB-051606
METHOD BLANK

Lab Sample ID: MB-051606

LIMS ID: 06-7751

Matrix: Soil

Data Release Authorized:

Reported: 05/25/06

QC Report No: JI38-CDM

Project: Leathercare

38057-47522

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINN5/JLM

Date Analyzed: 05/16/06 19:21

Sample Amount: 5.00 g-dry-wt

Purge Volume: 5.0 mL

Moisture: NA

CAS Number	Analyte	RL	Result	Q
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0	U
79-01-6	Trichloroethene	1.0	< 1.0	U
127-18-4	Tetrachloroethene	1.0	< 1.0	U

Reported in $\mu\text{g/kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	111%
d8-Toluene	108%
Bromofluorobenzene	107%
d4-1,2-Dichlorobenzene	105%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: MB-051706

Page 1 of 1

METHOD BLANK

Lab Sample ID: MB-051706

QC Report No: JI38-CDM

LIMS ID: 06-7752

Project: Leathercare

Matrix: Soil

38057-47522

Data Release Authorized:

Date Sampled: NA

Reported: 05/25/06

Date Received: NA

Instrument/Analyst: NT3/JLM

Sample Amount: 100 mg-dry-wt

Date Analyzed: 05/17/06 11:01

Purge Volume: 5.0 mL

Moisture: NA

CAS Number	Analyte	RL	Result	Q
75-01-4	Vinyl Chloride	50	< 50	U
75-35-4	1,1-Dichloroethene	50	< 50	U
156-60-5	trans-1,2-Dichloroethene	50	< 50	U
156-59-2	cis-1,2-Dichloroethene	50	< 50	U
79-01-6	Trichloroethene	50	< 50	U
127-18-4	Tetrachloroethene	50	< 50	U

Reported in $\mu\text{g/kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	91.9%
d8-Toluene	98.3%
Bromofluorobenzene	96.0%
d4-1,2-Dichlorobenzene	107%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 1Sample ID: MB-051806
METHOD BLANK

Lab Sample ID: MB-051806

LIMS ID: 06-7756

Matrix: Soil

Data Release Authorized: 

Reported: 05/25/06

QC Report No: JI38-CDM

Project: Leathercare

38057-47522

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINN1/JLM

Date Analyzed: 05/18/06 16:08

Sample Amount: 5.00 g-dry-wt

Purge Volume: 5.0 mL

Moisture: NA

CAS Number	Analyte	RL	Result	Q
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0	U
79-01-6	Trichloroethene	1.0	< 1.0	U
127-18-4	Tetrachloroethene	1.0	< 1.0	U

Reported in $\mu\text{g/kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	92.7%
Bromofluorobenzene	96.5%
d4-1,2-Dichlorobenzene	97.4%

Volatiles Total Solids-voats
Data By: Jean Muramoto
Created: 5/21/06

Worklist: 571
Analyst: JLM
Comments:

ARI ID	Tare Wt (g)	Wet Wt (g)	Dry Wt (g)	% Solids
1. JI38A 06-7751	1.44	14.66	12.85	86.31
2. JI38B 06-7752	1.62	16.68	13.83	81.08
3. JI38C 06-7753	1.41	11.40	9.45	80.48
4. JI38D 06-7754	1.34	13.67	12.37	89.46
5. JI38E 06-7755	1.65	20.83	17.80	84.20
6. JI38F 06-7756	1.30	16.85	14.89	87.40



Analytical Resources, Incorporated
Analytical Chemists and Consultants

June 2, 2006

Ms. Pam Morrill
CDM
11811 NE 1st, Suite 201
Bellevue, WA 98009

RE: Project ID: 38057-47522 Leathercare
ARI Job No: JI39

Dear Pam:

Please find enclosed the original chain of custody documentation (COCs) and the final results for the samples from the project referenced above. Analytical Resources Inc. (ARI) accepted two soil samples on May 5, 2006. The samples were received in good condition with no discrepancies in paperwork. Samples were taken using 5035 sampling techniques.

The samples were analyzed for volatile organic compounds 8260B as instructed on the COC, for a short list of compounds, confirmed by telephone between Sue Dunnihoo and Pam Morrill.

There were no other anomalies associated with this set of samples.

A copy of these reports and the supporting data will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Susan D. Dunnihoo
Project Manager
Phone: 206-695-6207
sue@arilabs.com

cc: Efile JI39

Enclosures

ARI Assigned Number: SI39		Turn-around Requested: std 2 wk		Page: 1 of 1		 Analytical Resources, Incorporated Analytical Chemists and Consultants 4611 South 134th Place, Suite 100 Tukwila, WA 98168 206-695-6200 206-695-6201 (fax)			
ARI Client Company: CDM		Phone:		Date: 5/5/06				Ice Present? YES	
Client Contact: Pam Morrell				No. of Coolers:				Cooler Temps: 3.4	
Client Project Name: Leathercare									
Client Project #: 38657-47522		Samplers: PJM EMLF		Analysis Requested		Notes/Comments			
Sample ID		Date	Time					Matrix	No. Containers
GT2-2'		5/5/06	0940					soil	4
GT1-6'		5/5/06	1115					soil	4
Comments/Special Instructions		Relinquished by: (Signature) Mary Lou Fox		Received by: (Signature) Eric Branson		Relinquished by: (Signature)		Received by: (Signature)	
		Printed Name: Mary Lou Fox		Printed Name: ERIC BRANSON		Printed Name:		Printed Name:	
		Company: CDM		Company: ARI		Company:		Company:	
		Date & Time: 5/5/06 1735		Date & Time: 5/5/06 - 1735		Date & Time:		Date & Time:	

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.

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 1Sample ID: GT2-2'
SAMPLE

Lab Sample ID: JI39A

LIMS ID: 06-7758

Matrix: Soil

Data Release Authorized:

Reported: 05/23/06

QC Report No: JI39-CDM

Project: Leathercare

38057-47522

Date Sampled: 05/05/06

Date Received: 05/05/06

Instrument/Analyst: FINN1/JLM

Date Analyzed: 05/18/06 20:46

Sample Amount: 5.16 g-dry-wt

Purge Volume: 5.0 mL

Moisture: 10.7%

CAS Number	Analyte	RL	Result	Q
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	9.4	
156-59-2	cis-1,2-Dichloroethene	1.0	24	
79-01-6	Trichloroethene	1.0	14	
127-18-4	Tetrachloroethene	1.0	2.4	

Reported in $\mu\text{g/kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	90.2%
Bromofluorobenzene	94.2%
d4-1,2-Dichlorobenzene	103%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 1Sample ID: GT1-6'
SAMPLE

Lab Sample ID: JI39B

LIMS ID: 06-7759

Matrix: Soil

Data Release Authorized: 

Reported: 05/23/06

QC Report No: JI39-CDM

Project: Leathercare

38057-47522

Date Sampled: 05/05/06

Date Received: 05/05/06

Instrument/Analyst: FINN1/JLM

Date Analyzed: 05/18/06 21:13

Sample Amount: 4.49 g-dry-wt

Purge Volume: 5.0 mL

Moisture: 14.6%

CAS Number	Analyte	RL	Result	Q
75-01-4	Vinyl Chloride	1.1	< 1.1	U
75-35-4	1,1-Dichloroethene	1.1	< 1.1	U
156-60-5	trans-1,2-Dichloroethene	1.1	< 1.1	U
156-59-2	cis-1,2-Dichloroethene	1.1	< 1.1	U
79-01-6	Trichloroethene	1.1	< 1.1	U
127-18-4	Tetrachloroethene	1.1	< 1.1	U

Reported in $\mu\text{g/kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	118%
d8-Toluene	91.9%
Bromofluorobenzene	98.9%
d4-1,2-Dichlorobenzene	101%

VOA SURROGATE RECOVERY SUMMARY



Matrix: Soil

QC Report No: JI39-CDM
Project: Leathercare
38057-47522

ARI ID	Client ID	Level	DCE	TOL	BFB	DCB	TOT OUT
MB-051806	Method Blank	Low	102%	92.7%	96.5%	97.4%	0
LCS-051806	Lab Control	Low	90.2%	93.0%	95.6%	92.9%	0
LCSD-051806	Lab Control Dup	Low	95.1%	94.3%	99.3%	97.6%	0
JI39A	GT2-2'	Low	112%	90.2%	94.2%	103%	0
JI39B	GT1-6'	Low	118%	91.9%	98.9%	101%	0

SW8260B	LCS/MB LIMITS		QC LIMITS	
	Low	Med	Low	Med
(DCE) = d4-1,2-Dichloroethane	68-140	71-131	67-161	66-146
(TOL) = d8-Toluene	84-116	80-116	82-118	86-123
(BFB) = Bromofluorobenzene	79-114	82-114	63-122	82-130
(DCB) = d4-1,2-Dichlorobenzene	77-113	84-116	74-112	90-112

Log Number Range: 06-7758 to 06-7759

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 1

Sample ID: LCS-051806
LAB CONTROL SAMPLE

Lab Sample ID: LCS-051806

LIMS ID: 06-7758

Matrix: Soil

Data Release Authorized:

Reported: 05/23/06

QC Report No: JI39-CDM

Project: Leathercare

38057-47522

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN1/JLM

LCSD: FINN1/JLM

Date Analyzed LCS: 05/18/06 15:07

LCSD: 05/18/06 15:42

Sample Amount LCS: 5.00 g-dry-wt

LCSD: 5.00 g-dry-wt

Purge Volume LCS: 5.0 mL

LCSD: 5.0 mL

Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Vinyl Chloride	43.6	50.0	87.2%	42.8	50.0	85.6%	1.9%
1,1-Dichloroethene	48.2	50.0	96.4%	46.9	50.0	93.8%	2.7%
trans-1,2-Dichloroethene	48.2	50.0	96.4%	48.2	50.0	96.4%	0.0%
cis-1,2-Dichloroethene	49.8	50.0	99.6%	48.4	50.0	96.8%	2.9%
Trichloroethene	47.8	50.0	95.6%	46.3	50.0	92.6%	3.2%
Tetrachloroethene	53.9	50.0	108%	53.6	50.0	107%	0.6%

Reported in $\mu\text{g/kg}$ (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	90.2%	95.1%
d8-Toluene	93.0%	94.3%
Bromofluorobenzene	95.6%	99.3%
d4-1,2-Dichlorobenzene	92.9%	97.6%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 1Sample ID: MB-051806
METHOD BLANK

Lab Sample ID: MB-051806

LIMS ID: 06-7758

Matrix: Soil

Data Release Authorized: 

Reported: 05/23/06

QC Report No: JI39-CDM

Project: Leathercare

38057-47522

Date Sampled: NA

Date Received: NA

Instrument/Analyst: FINN1/JLM

Date Analyzed: 05/18/06 16:08

Sample Amount: 5.00 g-dry-wt

Purge Volume: 5.0 mL

Moisture: NA

CAS Number	Analyte	RL	Result	Q
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0	U
79-01-6	Trichloroethene	1.0	< 1.0	U
127-18-4	Tetrachloroethene	1.0	< 1.0	U

Reported in $\mu\text{g/kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	92.7%
Bromofluorobenzene	96.5%
d4-1,2-Dichlorobenzene	97.4%



3.8/5.6/5.2

CHAIN-OF-CUSTODY

SI 53

Ice - yes

Date

5/8/06

Page

1 of 1

PROJECT INFORMATION					ANALYSIS REQUEST																																	
Project Manager: <u>Pem Morrill</u>					Laboratory Number:																																	
Project Name: <u>Leathercare</u>					PETROLEUM HYDROCARBONS																																	
Project Number: <u>38057-47522</u>					ORGANIC COMPOUNDS																																	
Site Location: <u>Seattle</u> Sampled By: <u>PSM</u>					PESTS/PCBs																																	
					METALS																																	
					LEACHING TESTS																																	
					OTHER																																	
					NUMBER OF CONTAINERS																																	
DISPOSAL INFORMATION																																						
☒ Lab Disposal (return if not indicated)																																						
Disposal Method: _____																																						
Disposed by: _____ Disposal Date: _____																																						
QC INFORMATION (check one)																																						
☐ SW-846 ☐ CLP ☐ Screening ☐ CDM Std. ☐ Special																																						
SAMPLE ID	DATE	TIME	MATRIX	LAB ID	TPH-HCID	TPH-G	TPH-D	TPH-18.1	8015M Fuel Hydrocarbon	TPH Special Instructions	8010 Halogenated VOCs	8020 Aromatic VOCs	8020M - BETX only	8270 GC/MS Semi-volatiles	8310 PAHs	8040 Phenols	DWS - Volatiles and Semi-volatiles	8080 OC Pest/PCBs	8080M PCBs only	8140 OP Pesticides	8150 OC Herbicides	DWS - Herb/Pest	Selected Metals: list	Organic Lead (Ca)	TCL Metals (23)	Priority Poll. Metals (13)	DWS - Metals	MESP - Metals (Wa)	TCLP - Volatiles (ZHE)	TCLP - Semi-volatiles	TCLP - Pesticides	TCLP - Metals	Dis. Metals: Ethene, Ethane, Chloroform, HClO ₂ , HClO ₃ , H ₂ SO ₄					
MW5	5/8/06	1020	Water																																			12
MW4	5/8/06	1120	Water																																			12
MW6	5/8/06	1225	Water																																			12
MW1	5/8/06	1325	Water																																			21
MW2	5/8/06	1415	Water																																			12
MW8	5/8/06	1520	Water																																			12
MW7	5/8/06	1615	Water																																			12

LAB INFORMATION		SAMPLE RECEIPT		RELINQUISHED BY: 1.		RELINQUISHED BY: 2.		RELINQUISHED BY: 3.	
Lab Name: <u>ARI</u>	Total Number of Containers:	Chain-of-Custody Seals: Y/N/NA		Signature: <u>Mary Lou Fox</u>	Time: <u>1130</u>	Signature:	Time:	Signature:	Time:
Lab Address: <u>4611 S. 134th Ave</u>	Intact?: Y/N/NA	Received in Good Condition/Cold:		Printed Name: <u>Mary Lou Fox</u>	Date: <u>5/8/06</u>	Printed Name:	Date:	Printed Name:	Date:
Site: <u>100, Tukwila, WA 98168</u>				Company: <u>CDM</u>		Company:		Company:	
Via: <u>Hand-delivered</u>									
Turn Around Time: ☒ Standard ☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 1 wk.				RECEIVED BY: 1.		RECEIVED BY: 2.		RECEIVED BY: 3.	
PRIOR AUTHORIZATION IS REQUIRED FOR RUSH DATA				Signature: <u>Eric Branson</u>	Time: <u>1730</u>	Signature:	Time:	Signature:	Time:
Special Instructions: <u>Extra volume for MW1 for matrix GC. Additional VOA vials for SIM VC (.2 ppb RL) if 20-ml purge not double for each sample.</u>				Printed Name: <u>ERIC BRANSON</u>	Date: <u>5/8/06</u>	Printed Name:	Date:	Printed Name:	Date:
				Company: <u>ARI</u>		Company:		Company:	



Analytical Resources, Incorporated

Analytical Chemists and Consultants

June 2, 2006

Ms. Pam Morrill
CDM
11811 NE 1st, Suite 201
Bellevue, WA 98009

RE: Project ID: 38057-47522 Leathercare
ARI Job No: JI53

Dear Pam:

Please find enclosed the original chain of custody documentation (COCs) and the final results for the samples from the project referenced above. Analytical Resources Inc. (ARI) accepted seven water samples on May 8, 2006. The samples were received in good condition with no discrepancies in paperwork.

The samples were analyzed for volatile organic compounds 8260B, Diesel by NWTPHDx, Dissolved Gases by RSK-175 and a set of conventional parameters as instructed on the COC. Volatile samples analyses following low level methods were completed with no issues, so follow-up by 8260-SIM for Vinyl Chloride was unnecessary.

There were no anomalies associated with this set of samples.

Diesel chromatograms have been included for your inspection.

A copy of these reports and the supporting data will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Susan D. Dunnihoo
Project Manager
Phone: 206-695-6207
sue@arilabs.com

cc: Efile JI53

Enclosures

VOA SURROGATE RECOVERY SUMMARY



Matrix: Water

QC Report No: JI53-CDM
Project: Leathercare
38057-47522

ARI ID	Client ID	PV	DCE	TOL	BFB	DCB	TOT OUT
JI53A	MW5	20	105%	97.2%	94.5%	104%	0
JI53B	MW4	20	105%	99.2%	96.8%	110%	0
JI53C	MW6	20	106%	102%	97.5%	98.0%	0
MB-051906	Method Blank	20	100%	98.8%	95.8%	104%	0
LCS-051906	Lab Control	20	91.8%	95.0%	92.2%	87.5%	0
LCSD-051906	Lab Control Dup	20	109%	96.5%	99.5%	93.5%	0
JI53D	MW1	20	102%	97.2%	90.5%	99.5%	0
JI53DMS	MW1	20	99.5%	91.0%	98.2%	91.0%	0
JI53DMSD	MW1	20	98.5%	95.5%	96.5%	93.5%	0
JI53E	MW2	20	102%	92.2%	94.2%	106%	0
JI53F	MW8	20	106%	101%	100%	98.2%	0
JI53G	MW7	20	108%	99.8%	102%	108%	0

SW8260B	LCS/MB LIMITS		QC LIMITS	
	5mL Purge	20mL Purge	5mL Purge	20mL Purge
(DCE) = d4-1,2-Dichloroethane	70-134	63-127	66-142	66-139
(TOL) = d8-Toluene	78-123	77-117	75-124	82-123
(BFB) = Bromofluorobenzene	78-121	68-116	75-121	71-113
(DCB) = d4-1,2-Dichlorobenzene	79-116	79-113	78-124	84-125

Prep Method: SW5030B
Log Number Range: 06-7812 to 06-7818

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: MW5
SAMPLE

Lab Sample ID: JI53A

LIMS ID: 06-7812

Matrix: Water

Data Release Authorized: 

Reported: 05/23/06

QC Report No: JI53-CDM

Project: Leathercare

38057-47522

Date Sampled: 05/08/06

Date Received: 05/08/06

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/19/06 15:12

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	0.2	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	< 1.0	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	0.8	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: MW5

Page 2 of 2

SAMPLE

Lab Sample ID: JI53A

QC Report No: JI53-CDM

LIMS ID: 06-7812

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 15:12

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	105%
d8-Toluene	97.2%
Bromofluorobenzene	94.5%
d4-1,2-Dichlorobenzene	104%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: MW4

Page 1 of 2

SAMPLE

Lab Sample ID: JI53B

QC Report No: JI53-CDM

LIMS ID: 06-7813

Project: Leathercare

Matrix: Water

38057-47522

Data Release Authorized:

Date Sampled: 05/08/06

Reported: 05/23/06

Date Received: 05/08/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/19/06 15:34

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	2.0	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	0.3	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: MW4

Page 2 of 2

SAMPLE

Lab Sample ID: JI53B

QC Report No: JI53-CDM

LIMS ID: 06-7813

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 15:34

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in $\mu\text{g/L}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	105%
d8-Toluene	99.2%
Bromofluorobenzene	96.8%
d4-1,2-Dichlorobenzene	110%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: MW6

Page 1 of 2

SAMPLE

Lab Sample ID: JI53C

QC Report No: JI53-CDM

LIMS ID: 06-7814

Project: Leathercare

Matrix: Water

38057-47522

Data Release Authorized:

Date Sampled: 05/08/06

Reported: 05/23/06

Date Received: 05/08/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/19/06 16:01

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	3.2	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	1.4	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	2.7	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	0.4	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2Sample ID: MW6
SAMPLE

Lab Sample ID: JI53C

QC Report No: JI53-CDM

LIMS ID: 06-7814

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 16:01

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	106%
d8-Toluene	102%
Bromofluorobenzene	97.5%
d4-1,2-Dichlorobenzene	98.0%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: MW1

Page 1 of 2

SAMPLE

Lab Sample ID: JI53D

QC Report No: JI53-CDM

LIMS ID: 06-7815

Project: Leathercare

Matrix: Water

38057-47522

Data Release Authorized: 

Date Sampled: 05/08/06

Reported: 05/23/06

Date Received: 05/08/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/19/06 11:55

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	0.4	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	< 1.0	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	0.2	
156-59-2	cis-1,2-Dichloroethene	0.2	3.1	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	1.5	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	4.1	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: MW1

Page 2 of 2

SAMPLE

Lab Sample ID: JI53D

QC Report No: JI53-CDM

LIMS ID: 06-7815

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 11:55

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in $\mu\text{g/L}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	97.2%
Bromofluorobenzene	90.5%
d4-1,2-Dichlorobenzene	99.5%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: MW2
SAMPLE

Lab Sample ID: JI53E

LIMS ID: 06-7816

Matrix: Water

Data Release Authorized: *[Signature]*

Reported: 05/23/06

QC Report No: JI53-CDM

Project: Leathercare

38057-47522

Date Sampled: 05/08/06

Date Received: 05/08/06

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/19/06 16:29

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	0.2	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	< 1.0	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	2.4	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	0.3	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2Sample ID: MW2
SAMPLELab Sample ID: JI53E
LIMS ID: 06-7816
Matrix: Water
Date Analyzed: 05/19/06 16:29QC Report No: JI53-CDM
Project: Leathercare
38057-47522

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in $\mu\text{g/L}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	92.2%
Bromofluorobenzene	94.2%
d4-1,2-Dichlorobenzene	106%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2Sample ID: MW8
SAMPLE

Lab Sample ID: JI53F

LIMS ID: 06-7817

Matrix: Water

Data Release Authorized: 

Reported: 05/23/06

QC Report No: JI53-CDM

Project: Leathercare

38057-47522

Date Sampled: 05/08/06

Date Received: 05/08/06

Instrument/Analyst: FINN3/PAB

Date Analyzed: 05/19/06 16:56

Sample Amount: 20.0 mL

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	0.4	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	< 1.0	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	1.3	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: MW8

Page 2 of 2

SAMPLE

Lab Sample ID: JI53F

QC Report No: JI53-CDM

LIMS ID: 06-7817

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 16:56

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in $\mu\text{g/L}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	106%
d8-Toluene	101%
Bromofluorobenzene	100%
d4-1,2-Dichlorobenzene	98.2%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: MW7

Page 1 of 2

SAMPLE

Lab Sample ID: JI53G

QC Report No: JI53-CDM

LIMS ID: 06-7818

Project: Leathercare

Matrix: Water

38057-47522

Data Release Authorized: 

Date Sampled: 05/08/06

Reported: 05/23/06

Date Received: 05/08/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/19/06 17:23

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	0.4	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	3.3	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	0.7	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2Sample ID: MW7
SAMPLE

Lab Sample ID: JI53G

QC Report No: JI53-CDM

LIMS ID: 06-7818

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 17:23

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	108%
d8-Toluene	99.8%
Bromofluorobenzene	102%
d4-1,2-Dichlorobenzene	108%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Page 1 of 2

Sample ID: MW1

MATRIX SPIKE

Lab Sample ID: JI53D

LIMS ID: 06-7815

Matrix: Water

Data Release Authorized:

Reported: 05/23/06

QC Report No: JI53-CDM

Project: Leathercare

38057-47522

Date Sampled: 05/08/06

Date Received: 05/08/06

Instrument/Analyst MS: FINN3/PAB

MSD: FINN3/PAB

Date Analyzed MS: 05/19/06 14:14

MSD: 05/19/06 14:42

Sample Amount MS: 20.0 mL

MSD: 20.0 mL

Purge Volume MS: 20.0 mL

MSD: 20.0 mL

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Chloromethane	< 0.2 U	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
Bromomethane	< 0.2 U	3.0	4.0	75.0%	3.0	4.0	75.0%	0.0%
Vinyl Chloride	0.4	4.2	4.0	95.0%	4.3	4.0	97.5%	2.4%
Chloroethane	< 0.2 U	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
Methylene Chloride	< 0.3 U	3.6	4.0	90.0%	3.7	4.0	92.5%	2.7%
Acetone	< 1.0 U	22.0	20.0	110%	22.0	20.0	110%	0.0%
Carbon Disulfide	< 0.2 U	3.6	4.0	90.0%	4.0	4.0	100%	10.5%
1,1-Dichloroethene	< 0.2 U	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
1,1-Dichloroethane	< 0.2 U	4.0	4.0	100%	4.1	4.0	102%	2.5%
trans-1,2-Dichloroethene	0.2	4.0	4.0	95.0%	4.0	4.0	95.0%	0.0%
cis-1,2-Dichloroethene	3.1	6.8	4.0	92.5%	6.8	4.0	92.5%	0.0%
Chloroform	< 0.2 U	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
1,2-Dichloroethane	< 0.2 U	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
2-Butanone	< 1.0 U	19.6	20.0	98.0%	18.4	20.0	92.0%	6.3%
1,1,1-Trichloroethane	< 0.2 U	3.6	4.0	90.0%	3.8	4.0	95.0%	5.4%
Carbon Tetrachloride	< 0.2 U	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
Vinyl Acetate	< 0.2 U	3.7	4.0	92.5%	3.5	4.0	87.5%	5.6%
Bromodichloromethane	< 0.2 U	4.1	4.0	102%	4.0	4.0	100%	2.5%
1,2-Dichloropropane	< 0.2 U	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
cis-1,3-Dichloropropene	< 0.2 U	3.1	4.0	77.5%	2.9	4.0	72.5%	6.7%
Trichloroethene	1.5	5.2	4.0	92.5%	5.2	4.0	92.5%	0.0%
Dibromochloromethane	< 0.2 U	3.4	4.0	85.0%	3.2	4.0	80.0%	6.1%
1,1,2-Trichloroethane	< 0.2 U	4.0	4.0	100%	3.7	4.0	92.5%	7.8%
Benzene	< 0.2 U	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
trans-1,3-Dichloropropene	< 0.2 U	3.1	4.0	77.5%	3.1	4.0	77.5%	0.0%
2-Chloroethylvinylether	< 0.5 U	< 0.5 U	4.0	NA	< 0.5 U	4.0	NA	NA
Bromoform	< 0.2 U	3.5	4.0	87.5%	3.5	4.0	87.5%	0.0%
4-Methyl-2-Pentanone (MIBK)	< 1.0 U	18.8	20.0	94.0%	16.9	20.0	84.5%	10.6%
2-Hexanone	< 1.0 U	20.3	20.0	102%	19.1	20.0	95.5%	6.1%
Tetrachloroethene	4.1	8.1	4.0	100%	8.2	4.0	102%	1.2%
1,1,2,2-Tetrachloroethane	< 0.2 U	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
Toluene	< 0.2 U	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
Chlorobenzene	< 0.2 U	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
Ethylbenzene	< 0.2 U	4.2	4.0	105%	4.2	4.0	105%	0.0%
Styrene	< 0.2 U	4.1	4.0	102%	4.2	4.0	105%	2.4%
Trichlorofluoromethane	< 0.2 U	4.2	4.0	105%	4.2	4.0	105%	0.0%
1,1,2-Trichloro-1,2,2-trifl	< 0.2 U	4.0	4.0	100%	4.2	4.0	105%	4.9%
m,p-Xylene	< 0.4 U	8.1	8.0	101%	8.3	8.0	104%	2.4%
o-Xylene	< 0.2 U	4.0	4.0	100%	4.0	4.0	100%	0.0%
1,2-Dichlorobenzene	< 0.2 U	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
1,3-Dichlorobenzene	< 0.2 U	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
1,4-Dichlorobenzene	< 0.2 U	3.6	4.0	90.0%	3.8	4.0	95.0%	5.4%
Acrolein	< 5.0 U	18.4	20.0	92.0%	18.4	20.0	92.0%	0.0%
Methyl Iodide	< 0.2 U	3.6	4.0	90.0%	3.6	4.0	90.0%	0.0%
Bromoethane	< 0.2 U	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
Acrylonitrile	< 1.0 U	3.7	4.0	92.5%	3.6	4.0	90.0%	2.7%
1,1-Dichloropropene	< 0.2 U	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: MW1

Page 2 of 2

MATRIX SPIKE

Lab Sample ID: JI53D

QC Report No: JI53-CDM

LIMS ID: 06-7815

Project: Leathercare

Matrix: Water

38057-47522

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Dibromomethane	< 0.2 U	3.8	4.0	95.0%	3.6	4.0	90.0%	5.4%
1,1,1,2-Tetrachloroethane	< 0.2 U	3.4	4.0	85.0%	3.4	4.0	85.0%	0.0%
1,2-Dibromo-3-chloropropane	< 2.0 U	3.5	4.0	87.5%	3.5	4.0	87.5%	0.0%
1,2,3-Trichloropropane	< 0.5 U	3.6	4.0	90.0%	3.8	4.0	95.0%	5.4%
trans-1,4-Dichloro-2-butene	< 1.0 U	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
1,3,5-Trimethylbenzene	< 0.2 U	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
1,2,4-Trimethylbenzene	< 0.2 U	3.9	4.0	97.5%	4.1	4.0	102%	5.0%
Hexachlorobutadiene	< 0.5 U	3.6	4.0	90.0%	3.8	4.0	95.0%	5.4%
Ethylene Dibromide	< 0.2 U	3.4	4.0	85.0%	3.3	4.0	82.5%	3.0%
Bromochloromethane	< 0.2 U	3.8	4.0	95.0%	3.7	4.0	92.5%	2.7%
2,2-Dichloropropane	< 0.2 U	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
1,3-Dichloropropane	< 0.2 U	3.9	4.0	97.5%	3.7	4.0	92.5%	5.3%
Isopropylbenzene	< 0.2 U	3.7	4.0	92.5%	4.0	4.0	100%	7.8%
n-Propylbenzene	< 0.2 U	4.1	4.0	102%	4.3	4.0	108%	4.8%
Bromobenzene	< 0.2 U	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
2-Chlorotoluene	< 0.2 U	4.0	4.0	100%	3.5	4.0	87.5%	13.3%
4-Chlorotoluene	< 0.2 U	4.1	4.0	102%	4.0	4.0	100%	2.5%
tert-Butylbenzene	< 0.2 U	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
sec-Butylbenzene	< 0.2 U	4.0	4.0	100%	4.2	4.0	105%	4.9%
4-Isopropyltoluene	< 0.2 U	3.9	4.0	97.5%	4.1	4.0	102%	5.0%
n-Butylbenzene	< 0.2 U	4.0	4.0	100%	4.2	4.0	105%	4.9%
1,2,4-Trichlorobenzene	< 0.5 U	3.4	4.0	85.0%	3.5	4.0	87.5%	2.9%
Naphthalene	< 0.5 U	3.4	4.0	85.0%	3.4	4.0	85.0%	0.0%
1,2,3-Trichlorobenzene	< 0.5 U	3.5	4.0	87.5%	3.5	4.0	87.5%	0.0%

Reported in µg/L (ppb)

NA-No recovery due to high concentration of analyte in original sample,
calculated negative recovery, or undetected spike.

RPD calculated using sample concentrations per SW846.

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: MW1

Page 1 of 2

MATRIX SPIKE

Lab Sample ID: JI53D

QC Report No: JI53-CDM

LIMS ID: 06-7815

Project: Leathercare

Matrix: Water

38057-47522

Data Release Authorized: 

Date Sampled: 05/08/06

Reported: 05/23/06

Date Received: 05/08/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/19/06 14:14

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	---	
74-83-9	Bromomethane	0.2	---	
75-01-4	Vinyl Chloride	0.2	---	
75-00-3	Chloroethane	0.2	---	
75-09-2	Methylene Chloride	0.3	---	
67-64-1	Acetone	1.0	---	
75-15-0	Carbon Disulfide	0.2	---	
75-35-4	1,1-Dichloroethene	0.2	---	
75-34-3	1,1-Dichloroethane	0.2	---	
156-60-5	trans-1,2-Dichloroethene	0.2	---	
156-59-2	cis-1,2-Dichloroethene	0.2	---	
67-66-3	Chloroform	0.2	---	
107-06-2	1,2-Dichloroethane	0.2	---	
78-93-3	2-Butanone	1.0	---	
71-55-6	1,1,1-Trichloroethane	0.2	---	
56-23-5	Carbon Tetrachloride	0.2	---	
108-05-4	Vinyl Acetate	0.2	---	
75-27-4	Bromodichloromethane	0.2	---	
78-87-5	1,2-Dichloropropane	0.2	---	
10061-01-5	cis-1,3-Dichloropropene	0.2	---	
79-01-6	Trichloroethene	0.2	---	
124-48-1	Dibromochloromethane	0.2	---	
79-00-5	1,1,2-Trichloroethane	0.2	---	
71-43-2	Benzene	0.2	---	
10061-02-6	trans-1,3-Dichloropropene	0.2	---	
110-75-8	2-Chloroethylvinylether	0.5	---	
75-25-2	Bromoform	0.2	---	
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	---	
591-78-6	2-Hexanone	1.0	---	
127-18-4	Tetrachloroethene	0.2	---	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	---	
108-88-3	Toluene	0.2	---	
108-90-7	Chlorobenzene	0.2	---	
100-41-4	Ethylbenzene	0.2	---	
100-42-5	Styrene	0.2	---	
75-69-4	Trichlorofluoromethane	0.2	---	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	---	
1330-20-7	m,p-Xylene	0.4	---	
95-47-6	o-Xylene	0.2	---	
95-50-1	1,2-Dichlorobenzene	0.2	---	
541-73-1	1,3-Dichlorobenzene	0.2	---	
106-46-7	1,4-Dichlorobenzene	0.2	---	
107-02-8	Acrolein	5.0	---	
74-88-4	Methyl Iodide	0.2	---	
74-96-4	Bromoethane	0.2	---	
107-13-1	Acrylonitrile	1.0	---	
563-58-6	1,1-Dichloropropene	0.2	---	
74-95-3	Dibromomethane	0.2	---	
630-20-6	1,1,1,2-Tetrachloroethane	0.2	---	
96-12-8	1,2-Dibromo-3-chloropropane	2.0	---	
96-18-4	1,2,3-Trichloropropane	0.5	---	

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2

Sample ID: MW1

MATRIX SPIKE

Lab Sample ID: JI53D

QC Report No: JI53-CDM

LIMS ID: 06-7815

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 14:14

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	---	
108-67-8	1,3,5-Trimethylbenzene	0.2	---	
95-63-6	1,2,4-Trimethylbenzene	0.2	---	
87-68-3	Hexachlorobutadiene	0.5	---	
106-93-4	Ethylene Dibromide	0.2	---	
74-97-5	Bromochloromethane	0.2	---	
594-20-7	2,2-Dichloropropane	0.2	---	
142-28-9	1,3-Dichloropropane	0.2	---	
98-82-8	Isopropylbenzene	0.2	---	
103-65-1	n-Propylbenzene	0.2	---	
108-86-1	Bromobenzene	0.2	---	
95-49-8	2-Chlorotoluene	0.2	---	
106-43-4	4-Chlorotoluene	0.2	---	
98-06-6	tert-Butylbenzene	0.2	---	
135-98-8	sec-Butylbenzene	0.2	---	
99-87-6	4-Isopropyltoluene	0.2	---	
104-51-8	n-Butylbenzene	0.2	---	
120-82-1	1,2,4-Trichlorobenzene	0.5	---	
91-20-3	Naphthalene	0.5	---	
87-61-6	1,2,3-Trichlorobenzene	0.5	---	

Reported in $\mu\text{g/L}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	99.5%
d8-Toluene	91.0%
Bromofluorobenzene	98.2%
d4-1,2-Dichlorobenzene	91.0%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: MW1

Page 1 of 2

MATRIX SPIKE DUP

Lab Sample ID: JI53D

QC Report No: JI53-CDM

LIMS ID: 06-7815

Project: Leathercare

Matrix: Water

38057-47522

Data Release Authorized: 

Date Sampled: 05/08/06

Reported: 05/23/06

Date Received: 05/08/06

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/19/06 14:42

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	---	
74-83-9	Bromomethane	0.2	---	
75-01-4	Vinyl Chloride	0.2	---	
75-00-3	Chloroethane	0.2	---	
75-09-2	Methylene Chloride	0.3	---	
67-64-1	Acetone	1.0	---	
75-15-0	Carbon Disulfide	0.2	---	
75-35-4	1,1-Dichloroethene	0.2	---	
75-34-3	1,1-Dichloroethane	0.2	---	
156-60-5	trans-1,2-Dichloroethene	0.2	---	
156-59-2	cis-1,2-Dichloroethene	0.2	---	
67-66-3	Chloroform	0.2	---	
107-06-2	1,2-Dichloroethane	0.2	---	
78-93-3	2-Butanone	1.0	---	
71-55-6	1,1,1-Trichloroethane	0.2	---	
56-23-5	Carbon Tetrachloride	0.2	---	
108-05-4	Vinyl Acetate	0.2	---	
75-27-4	Bromodichloromethane	0.2	---	
78-87-5	1,2-Dichloropropane	0.2	---	
10061-01-5	cis-1,3-Dichloropropene	0.2	---	
79-01-6	Trichloroethene	0.2	---	
124-48-1	Dibromochloromethane	0.2	---	
79-00-5	1,1,2-Trichloroethane	0.2	---	
71-43-2	Benzene	0.2	---	
10061-02-6	trans-1,3-Dichloropropene	0.2	---	
110-75-8	2-Chloroethylvinylether	0.5	---	
75-25-2	Bromoform	0.2	---	
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	---	
591-78-6	2-Hexanone	1.0	---	
127-18-4	Tetrachloroethene	0.2	---	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	---	
108-88-3	Toluene	0.2	---	
108-90-7	Chlorobenzene	0.2	---	
100-41-4	Ethylbenzene	0.2	---	
100-42-5	Styrene	0.2	---	
75-69-4	Trichlorofluoromethane	0.2	---	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	---	
1330-20-7	m,p-Xylene	0.4	---	
95-47-6	o-Xylene	0.2	---	
95-50-1	1,2-Dichlorobenzene	0.2	---	
541-73-1	1,3-Dichlorobenzene	0.2	---	
106-46-7	1,4-Dichlorobenzene	0.2	---	
107-02-8	Acrolein	5.0	---	
74-88-4	Methyl Iodide	0.2	---	
74-96-4	Bromoethane	0.2	---	
107-13-1	Acrylonitrile	1.0	---	
563-58-6	1,1-Dichloropropene	0.2	---	
74-95-3	Dibromomethane	0.2	---	
630-20-6	1,1,1,2-Tetrachloroethane	0.2	---	
96-12-8	1,2-Dibromo-3-chloropropane	2.0	---	
96-18-4	1,2,3-Trichloropropane	0.5	---	

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2

Sample ID: MW1

MATRIX SPIKE DUP

Lab Sample ID: JI53D

QC Report No: JI53-CDM

LIMS ID: 06-7815

Project: Leathercare

Matrix: Water

38057-47522

Date Analyzed: 05/19/06 14:42

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	---	
108-67-8	1,3,5-Trimethylbenzene	0.2	---	
95-63-6	1,2,4-Trimethylbenzene	0.2	---	
87-68-3	Hexachlorobutadiene	0.5	---	
106-93-4	Ethylene Dibromide	0.2	---	
74-97-5	Bromochloromethane	0.2	---	
594-20-7	2,2-Dichloropropane	0.2	---	
142-28-9	1,3-Dichloropropane	0.2	---	
98-82-8	Isopropylbenzene	0.2	---	
103-65-1	n-Propylbenzene	0.2	---	
108-86-1	Bromobenzene	0.2	---	
95-49-8	2-Chlorotoluene	0.2	---	
106-43-4	4-Chlorotoluene	0.2	---	
98-06-6	tert-Butylbenzene	0.2	---	
135-98-8	sec-Butylbenzene	0.2	---	
99-87-6	4-Isopropyltoluene	0.2	---	
104-51-8	n-Butylbenzene	0.2	---	
120-82-1	1,2,4-Trichlorobenzene	0.5	---	
91-20-3	Naphthalene	0.5	---	
87-61-6	1,2,3-Trichlorobenzene	0.5	---	

Reported in $\mu\text{g/L}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.5%
d8-Toluene	95.5%
Bromofluorobenzene	96.5%
d4-1,2-Dichlorobenzene	93.5%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: MB-051906

Page 1 of 2

METHOD BLANK

Lab Sample ID: MB-051906

QC Report No: JI53-CDM

LIMS ID: 06-7815

Project: Leathercare

Matrix: Water

38057-47522

Data Release Authorized: *[Signature]*

Date Sampled: NA

Reported: 05/23/06

Date Received: NA

Instrument/Analyst: FINN3/PAB

Sample Amount: 20.0 mL

Date Analyzed: 05/19/06 11:20

Purge Volume: 20.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.2	< 0.2	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.3	< 0.3	U
67-64-1	Acetone	1.0	< 1.0	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	1.0	< 1.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	0.2	< 0.2	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	0.5	< 0.5	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1.0	< 1.0	U
591-78-6	2-Hexanone	1.0	< 1.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.2	< 0.2	U
1330-20-7	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	0.2	< 0.2	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	< 2.0	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2Sample ID: MB-051906
METHOD BLANKLab Sample ID: MB-051906
LIMS ID: 06-7815
Matrix: Water
Date Analyzed: 05/19/06 11:20QC Report No: JI53-CDM
Project: Leathercare
38057-47522

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	100%
d8-Toluene	98.8%
Bromofluorobenzene	95.8%
d4-1,2-Dichlorobenzene	104%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2

Sample ID: LCS-051906

LAB CONTROL SAMPLE

Lab Sample ID: LCS-051906

LIMS ID: 06-7815

Matrix: Water

Data Release Authorized:

Reported: 05/23/06

QC Report No: JI53-CDM

Project: Leathercare

38057-47522

Date Sampled: NA

Date Received: NA

Instrument/Analyst LCS: FINN3/PAB

LCSD: FINN3/PAB

Date Analyzed LCS: 05/19/06 10:14

LCSD: 05/19/06 10:52

Sample Amount LCS: 20.0 mL

LCSD: 20.0 mL

Purge Volume LCS: 20.0 mL

LCSD: 20.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	3.7	4.0	92.5%	4.1	4.0	102%	10.3%
Bromomethane	3.0	4.0	75.0%	3.1	4.0	77.5%	3.3%
Vinyl Chloride	4.0	4.0	100%	4.2	4.0	105%	4.9%
Chloroethane	3.8	4.0	95.0%	4.2	4.0	105%	10.0%
Methylene Chloride	3.4	4.0	85.0%	3.9	4.0	97.5%	13.7%
Acetone	20.5	20.0	102%	24.1	20.0	120%	16.1%
Carbon Disulfide	4.0	4.0	100%	4.4	4.0	110%	9.5%
1,1-Dichloroethene	3.8	4.0	95.0%	4.1	4.0	102%	7.6%
1,1-Dichloroethane	3.8	4.0	95.0%	4.2	4.0	105%	10.0%
trans-1,2-Dichloroethene	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
cis-1,2-Dichloroethene	3.7	4.0	92.5%	4.0	4.0	100%	7.8%
Chloroform	3.6	4.0	90.0%	3.9	4.0	97.5%	8.0%
1,2-Dichloroethane	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
2-Butanone	17.8	20.0	89.0%	19.7	20.0	98.5%	10.1%
1,1,1-Trichloroethane	3.5	4.0	87.5%	4.0	4.0	100%	13.3%
Carbon Tetrachloride	3.9	4.0	97.5%	3.8	4.0	95.0%	2.6%
Vinyl Acetate	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
Bromodichloromethane	4.0	4.0	100%	4.3	4.0	108%	7.2%
1,2-Dichloropropane	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
cis-1,3-Dichloropropene	3.1	4.0	77.5%	3.3	4.0	82.5%	6.2%
Trichloroethene	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
Dibromochloromethane	3.1	4.0	77.5%	3.6	4.0	90.0%	14.9%
1,1,2-Trichloroethane	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
Benzene	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
trans-1,3-Dichloropropene	3.2	4.0	80.0%	3.4	4.0	85.0%	6.1%
2-Chloroethylvinylether	4.0	4.0	100%	4.4	4.0	110%	9.5%
Bromoform	3.4	4.0	85.0%	3.9	4.0	97.5%	13.7%
4-Methyl-2-Pentanone (MIBK)	17.7	20.0	88.5%	19.4	20.0	97.0%	9.2%
2-Hexanone	18.4	20.0	92.0%	20.3	20.0	102%	9.8%
Tetrachloroethene	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
1,1,2,2-Tetrachloroethane	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
Toluene	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
Chlorobenzene	3.6	4.0	90.0%	4.0	4.0	100%	10.5%
Ethylbenzene	4.0	4.0	100%	4.2	4.0	105%	4.9%
Styrene	3.9	4.0	97.5%	4.3	4.0	108%	9.8%
Trichlorofluoromethane	4.1	4.0	102%	4.4	4.0	110%	7.1%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2

Sample ID: LCS-051906
LAB CONTROL SAMPLE

Lab Sample ID: LCS-051906
LIMS ID: 06-7815
Matrix: Water

QC Report No: JI53-CDM
Project: Leathercare
38057-47522

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,1,2-Trichloro-1,2,2-trifluoroetha	4.0	4.0	100%	4.2	4.0	105%	4.9%
m,p-Xylene	7.8	8.0	97.5%	8.3	8.0	104%	6.2%
o-Xylene	3.8	4.0	95.0%	4.0	4.0	100%	5.1%
1,2-Dichlorobenzene	3.6	4.0	90.0%	3.8	4.0	95.0%	5.4%
1,3-Dichlorobenzene	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
1,4-Dichlorobenzene	3.5	4.0	87.5%	3.7	4.0	92.5%	5.6%
Acrolein	17.2	20.0	86.0%	20.7	20.0	104%	18.5%
Methyl Iodide	3.4	4.0	85.0%	3.6	4.0	90.0%	5.7%
Bromoethane	3.8	4.0	95.0%	4.2	4.0	105%	10.0%
Acrylonitrile	3.4	4.0	85.0%	4.1	4.0	102%	18.7%
1,1-Dichloropropene	3.8	4.0	95.0%	3.8	4.0	95.0%	0.0%
Dibromomethane	3.8	4.0	95.0%	3.9	4.0	97.5%	2.6%
1,1,1,2-Tetrachloroethane	3.3	4.0	82.5%	3.7	4.0	92.5%	11.4%
1,2-Dibromo-3-chloropropane	3.3	4.0	82.5%	4.1	4.0	102%	21.6%
1,2,3-Trichloropropane	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
trans-1,4-Dichloro-2-butene	3.7	4.0	92.5%	3.9	4.0	97.5%	5.3%
1,3,5-Trimethylbenzene	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
1,2,4-Trimethylbenzene	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
Hexachlorobutadiene	3.5	4.0	87.5%	3.7	4.0	92.5%	5.6%
Ethylene Dibromide	3.3	4.0	82.5%	3.7	4.0	92.5%	11.4%
Bromochloromethane	3.5	4.0	87.5%	4.0	4.0	100%	13.3%
2,2-Dichloropropane	3.8	4.0	95.0%	4.2	4.0	105%	10.0%
1,3-Dichloropropane	3.7	4.0	92.5%	4.0	4.0	100%	7.8%
Isopropylbenzene	4.0	4.0	100%	3.8	4.0	95.0%	5.1%
n-Propylbenzene	4.2	4.0	105%	4.1	4.0	102%	2.4%
Bromobenzene	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
2-Chlorotoluene	3.4	4.0	85.0%	4.0	4.0	100%	16.2%
4-Chlorotoluene	3.9	4.0	97.5%	4.1	4.0	102%	5.0%
tert-Butylbenzene	3.7	4.0	92.5%	3.8	4.0	95.0%	2.7%
sec-Butylbenzene	4.0	4.0	100%	4.1	4.0	102%	2.5%
4-Isopropyltoluene	3.9	4.0	97.5%	4.0	4.0	100%	2.5%
n-Butylbenzene	4.0	4.0	100%	3.9	4.0	97.5%	2.5%
1,2,4-Trichlorobenzene	3.5	4.0	87.5%	3.6	4.0	90.0%	2.8%
Naphthalene	3.3	4.0	82.5%	3.4	4.0	85.0%	3.0%
1,2,3-Trichlorobenzene	3.4	4.0	85.0%	3.5	4.0	87.5%	2.9%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	91.8%	109%
d8-Toluene	95.0%	96.5%
Bromofluorobenzene	92.2%	99.5%
d4-1,2-Dichlorobenzene	87.5%	93.5%

ORGANICS ANALYSIS DATA SHEET

METHANE ETHANE ETHENE

Modified RSK 175

Page 1 of 1

Matrix: Water

QC Report No: JI53-CDM

Project: Leathercare

38057-47522

Date Received: 05/08/06

Data Release Authorized: *[Signature]*

Reported: 05/12/06

ARI ID	Sample ID	Analysis Date	DL	Analyte	RL	Result
JI53A 06-7812	MW5	05/10/06	1.0	Methane	7	190
				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI53B 06-7813	MW4	05/10/06	1.0	Methane	7	250
				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI53C 06-7814	MW6	05/10/06	1.0	Methane	7	120
				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI53D 06-7815	MW1	05/10/06	1.0	Methane	7	12
				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI53E 06-7816	MW2	05/10/06	1.0	Methane	7	10
				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI53F 06-7817	MW8	05/10/06	1.0	Methane	7	540
				Ethane	12	< 12 U
				Ethene	11	< 11 U
JI53G 06-7818	MW7	05/10/06	1.0	Methane	7	700
				Ethane	12	< 12 U
				Ethene	11	< 11 U
051006MB	Method Blank	05/10/06	1.0	Methane	7	< 7 U
051006MB	Method Blank	05/10/06	1.0	Ethane	12	< 12 U
051006MB	Method Blank	05/10/06	1.0	Ethene	11	< 11 U

Reported in ug/L (ppb)

RSK 175/METHANE-ETHANE-ETHENE WATER SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: JI53-CDM
Project: Leathercare
38057-47522

ARI ID	Client ID	PRP	TOT OUT
JI53A	MW5	102%	0
JI53B	MW4	99.6%	0
JI53C	MW6	98.8%	0
JI53D	MW1	101%	0
JI53DMS	MW1	97.6%	0
JI53DMSD	MW1	104%	0
JI53E	MW2	102%	0
JI53F	MW8	88.0%	0
JI53G	MW7	100%	0
MB-051006	Method Blank	102%	0
LCS-051006	Lab Control	103%	0

LCS/MB LIMITS QC LIMITS

(PRP) = Propane (30-160) (30-160)

Log Number Range: 06-7812 to 06-7818

ORGANICS ANALYSIS DATA SHEET

METHANE ETHANE ETHENE

Modified RSK 175

Page 1 of 1

Matrix: Water

QC Report No: JI53-CDM

Project: Leathercare

38057-47522

Date Received: 05/08/06

Data Release Authorized: *MB*

Reported: 05/15/06

Analyte	Date	Spike Type	Sample	Spike	Spike Added	Recovery	RPD
ARI ID: JI53D Client ID: MW1							
Methane	05/10/06	MS	12	590	650	88.3%	6.6%
	05/10/06	MSD		630		94.4%	
Ethane	05/10/06	MS	< 12	1,100	1,200	89.6%	8.7%
	05/10/06	MSD		1,200		97.8%	
Ethene	05/10/06	MS	< 11	1,000	1,100	87.3%	9.5%
	05/10/06	MSD		1,100		96.1%	

ORGANICS ANALYSIS DATA SHEET

METHANE ETHANE ETHENE

Modified RSK 175

Page 1 of 1

Matrix: Water

QC Report No: JI53-CDM

Project: Leathercare

38057-47522

Date Received: 05/08/06

Data Release Authorized: 

Reported: 05/12/06

ARI ID	Analysis Date	Analyte	Spike	Result	Recovery	RPD
051006LCS	05/10/06	Methane	650	630	96.3%	
051006LCS	05/10/06	Ethane	1,200	1,200	97.8%	
051006LCS	05/10/06	Ethene	1,100	1,200	104.8%	

Reported in ug/L (ppb)

ORGANICS ANALYSIS DATA SHEET
TOTAL DIESEL RANGE HYDROCARBONS
NWTPHD by GC/FID
Page 1 of 1
Matrix: Water

QC Report No: JI53-CDM
Project: Leathercare
38057-47522
Date Received: 05/08/06

Data Release Authorized:
Reported: 05/24/06 

ARI ID	Sample ID	Extraction Date	Analysis Date	DL	Range	Result mg/L
JI53A 06-7812	MW5 HC ID: DIESEL	05/12/06	05/15/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	0.66 < 0.50 U 94.7%
JI53B 06-7813	MW4 HC ID: DIESEL/RRO	05/12/06	05/15/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	2.3 < 0.50 U 90.7%
JI53C 06-7814	MW6 HC ID: DIESEL	05/12/06	05/15/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	0.50 < 0.50 U 85.8%
MB-051206 06-7815	Method Blank HC ID: ---	05/12/06	05/15/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 87.1%
JI53D 06-7815	MW1 HC ID: ---	05/12/06	05/15/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 92.7%
MB-051506 06-7816	Method Blank HC ID: ---	05/15/06	05/17/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 93.3%
JI53E 06-7816	MW2 HC ID: ---	05/15/06	05/16/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 92.9%
JI53E RE 06-7816	MW2 HC ID: ---	05/15/06	05/16/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	< 0.25 U < 0.50 U 92.9%
JI53F 06-7817	MW8 HC ID: DIESEL	05/12/06	05/16/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	1.6 < 0.50 U 101%
JI53G 06-7818	MW7 HC ID: DIESEL	05/12/06	05/17/06 FID3A	1.0	Diesel Motor Oil o-Terphenyl	2.6 < 0.50 U 98.0%

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 indicates results of organics or additional hydrocarbons in ranges are not identifiable.

Data File: /chem3/fid3a.i/20060515.b/0515a015.d

Page 1

Date : 15-MAY-2006 10:57

Client ID: JI50HBM1

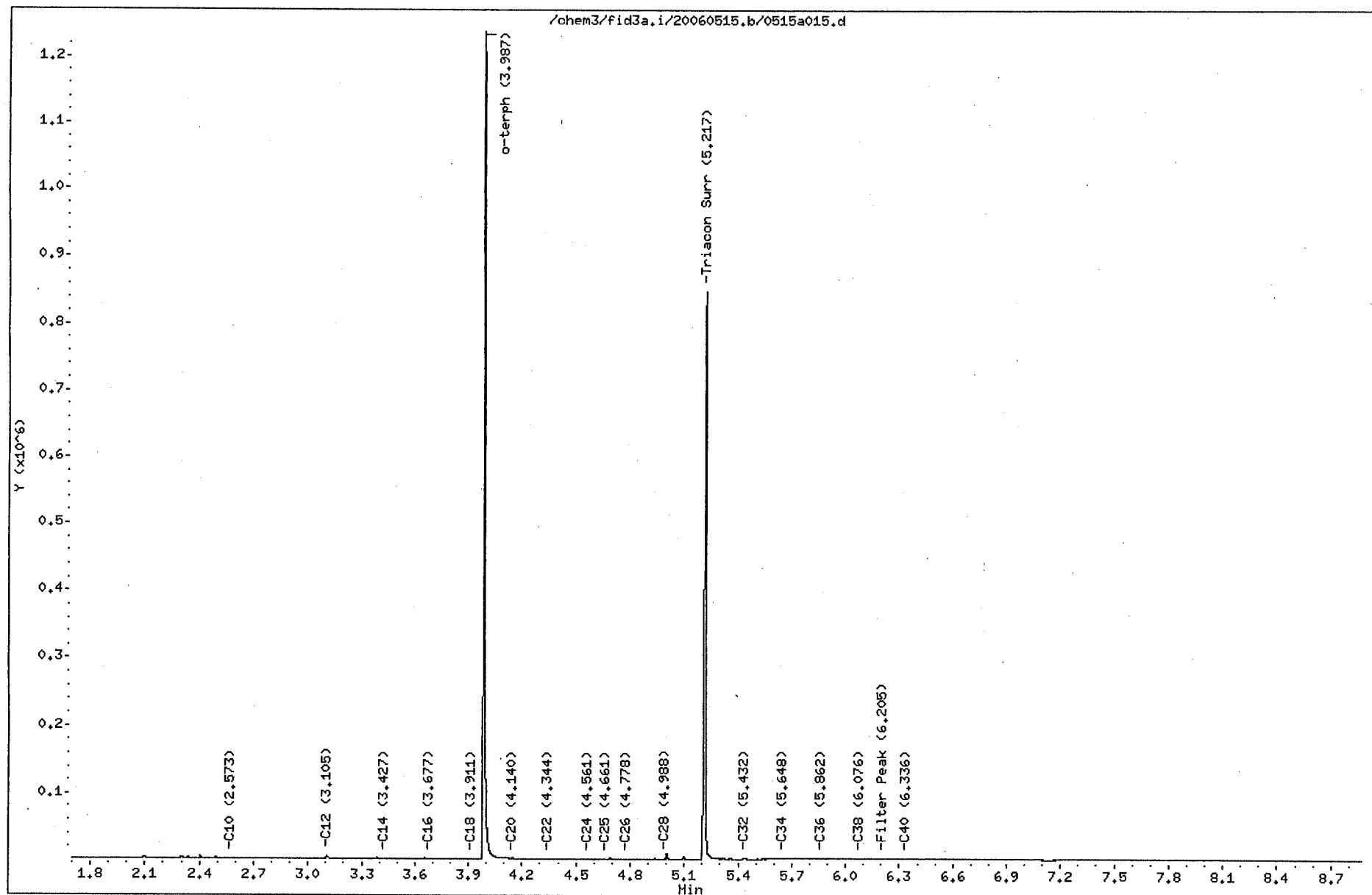
Sample Info: JI50HBM1

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25

Column phase: RTX-1



Data File: /chem3/fid3a.i/20060515.b/0515a030.d

Page 1

Date : 15-MAY-2006 15:18

Client ID:

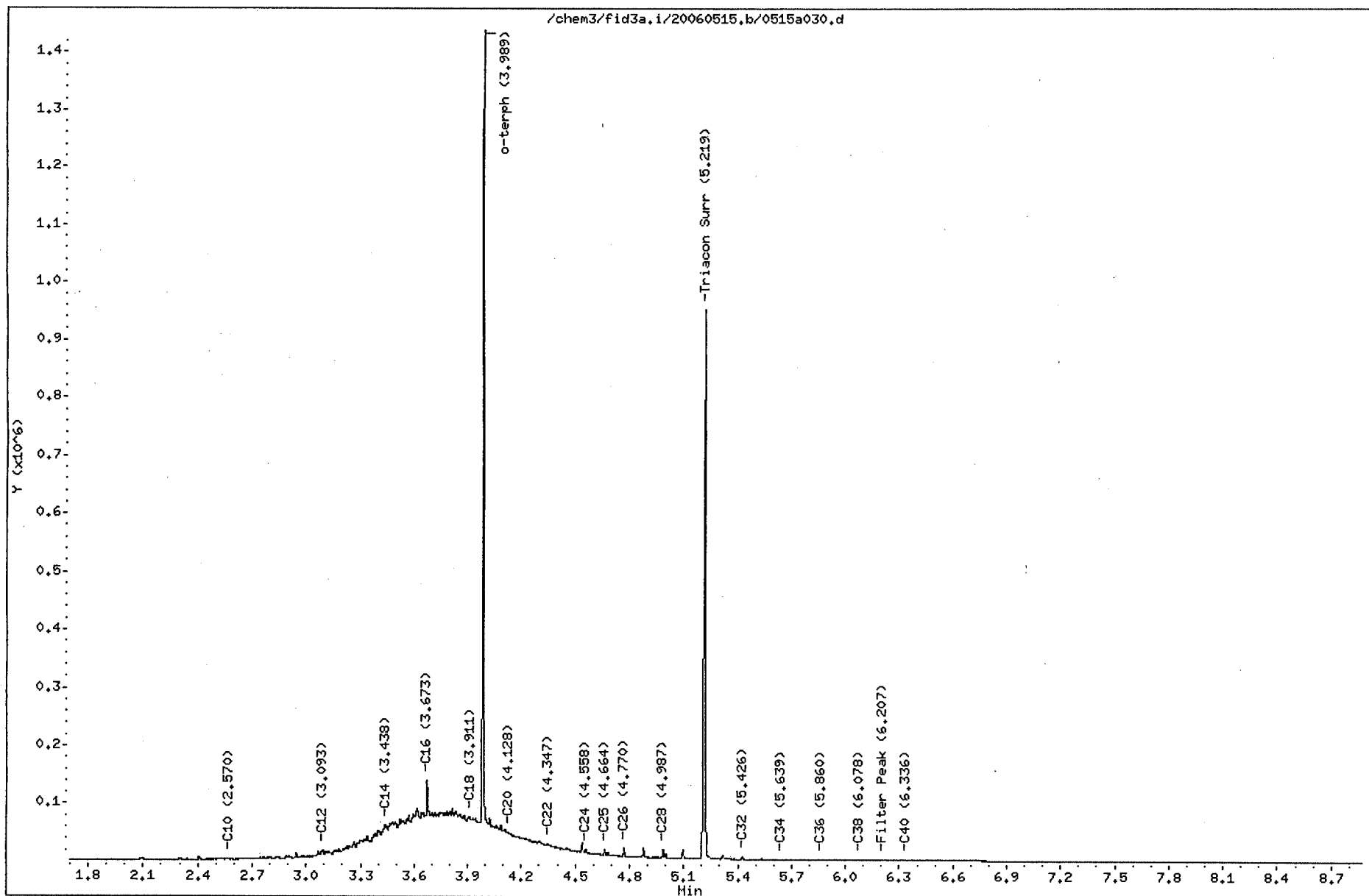
Sample Info: JI53A

Instrument: fid3a.i

Operator: PC

Column phase: RTX-1

Column diameter: 0,25



Data File: /chem3/fid3a,i/20060515.b/0515a031.d

Page 1

Date : 15-MAY-2006 15:36

Client ID:

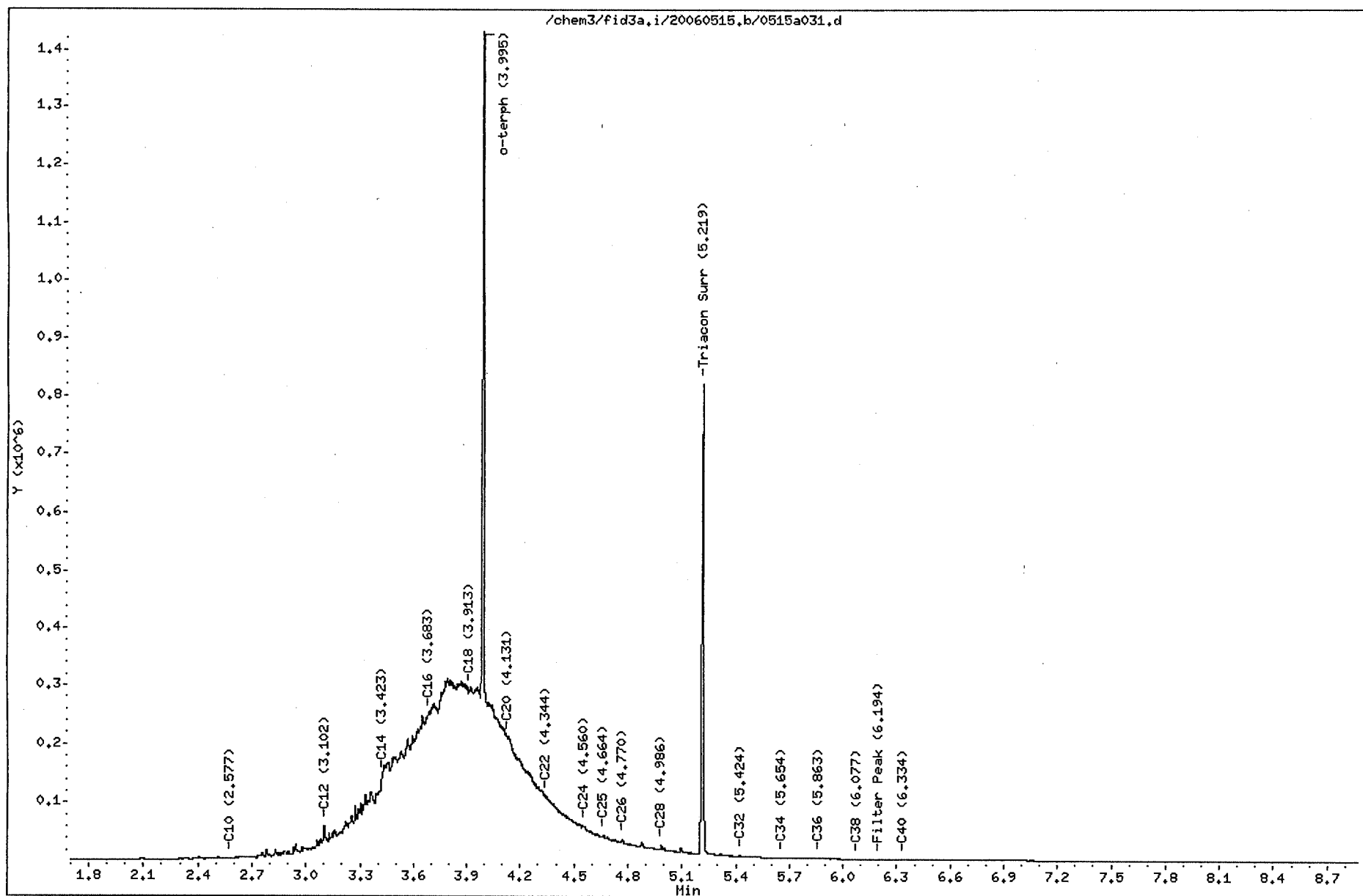
Sample Info: J153B

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25

Column phase: RTX-1



Data File: /chem3/fid3a.i/20060515.b/0515a032.d

Page 1

Date : 15-MAY-2006 15:53

Client ID:

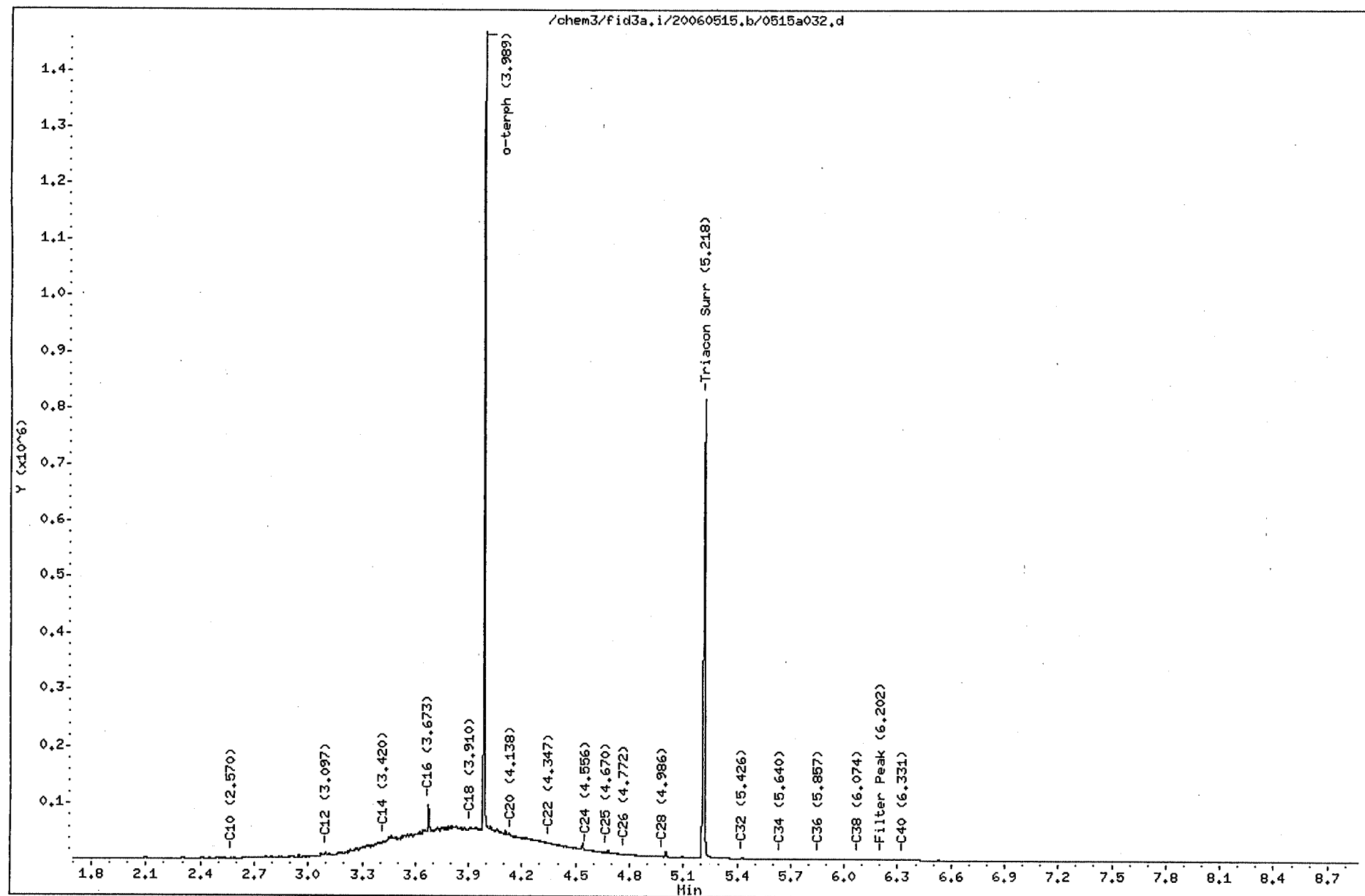
Sample Info: JI53C

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25

Column phase: RTX-1



Data File: /chem3/fid3a.i/20060515.b/0515a033.d

Page 1

Date : 15-MAY-2006 16:11

Client ID:

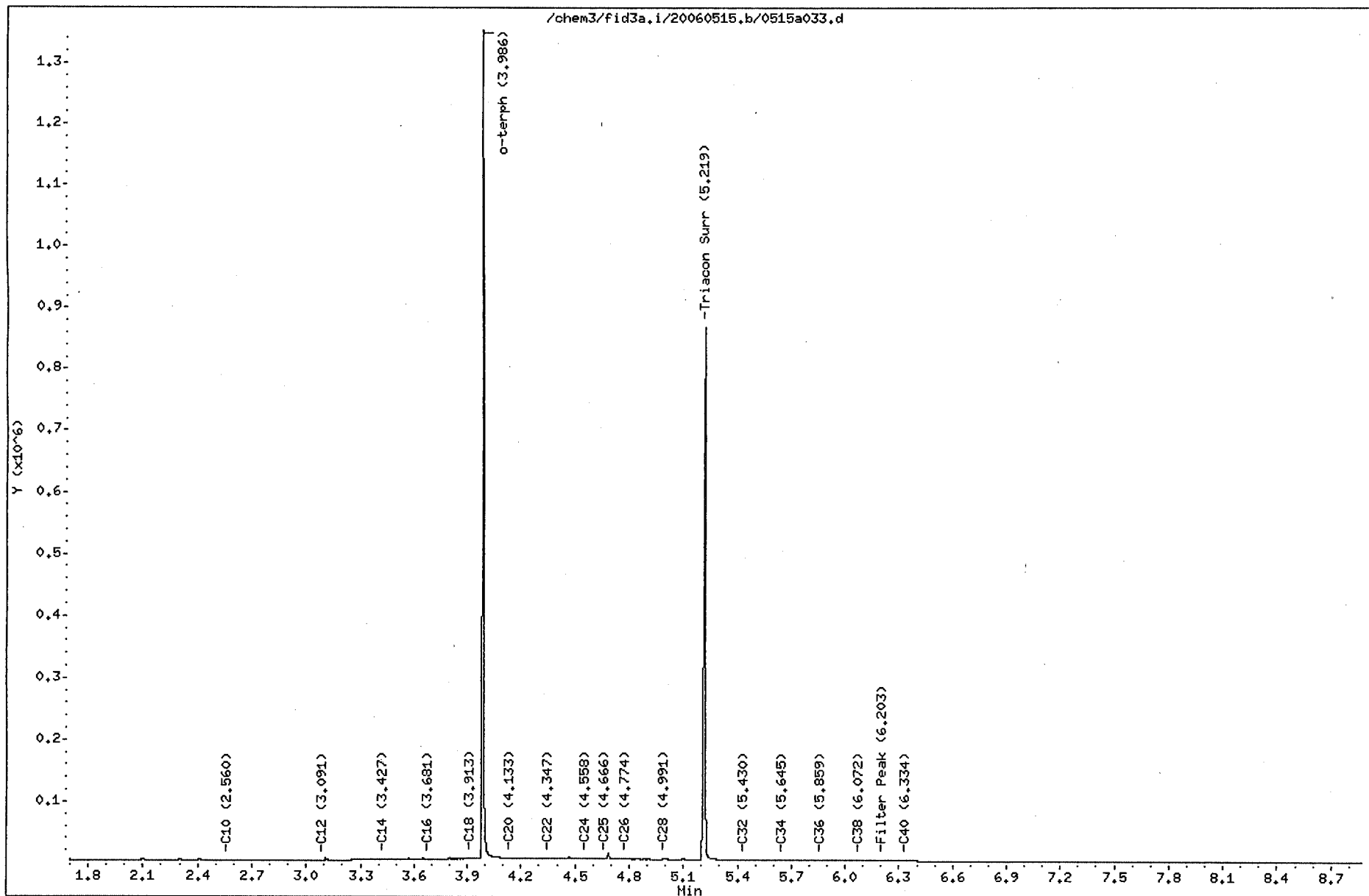
Sample Info: JI53D

Instrument: fid3a.i

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060516.b/0516a062.d

Page 1

Date : 16-MAY-2006 23:53

Client ID:

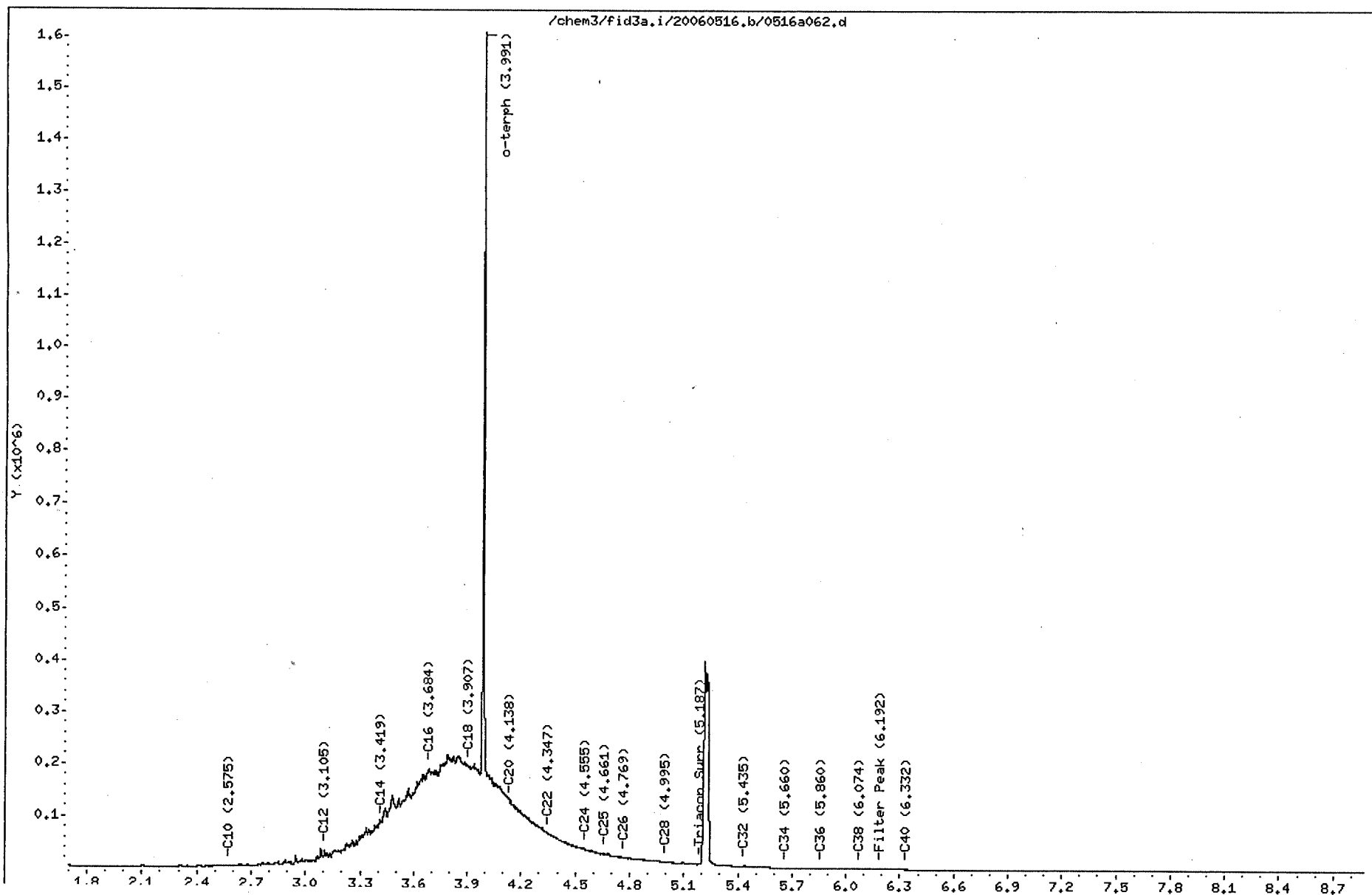
Sample Info: JI53F

Instrument: fid3a.i

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060516.b/0516a063.d

Page 1

Date : 17-MAY-2006 00:10

Client ID:

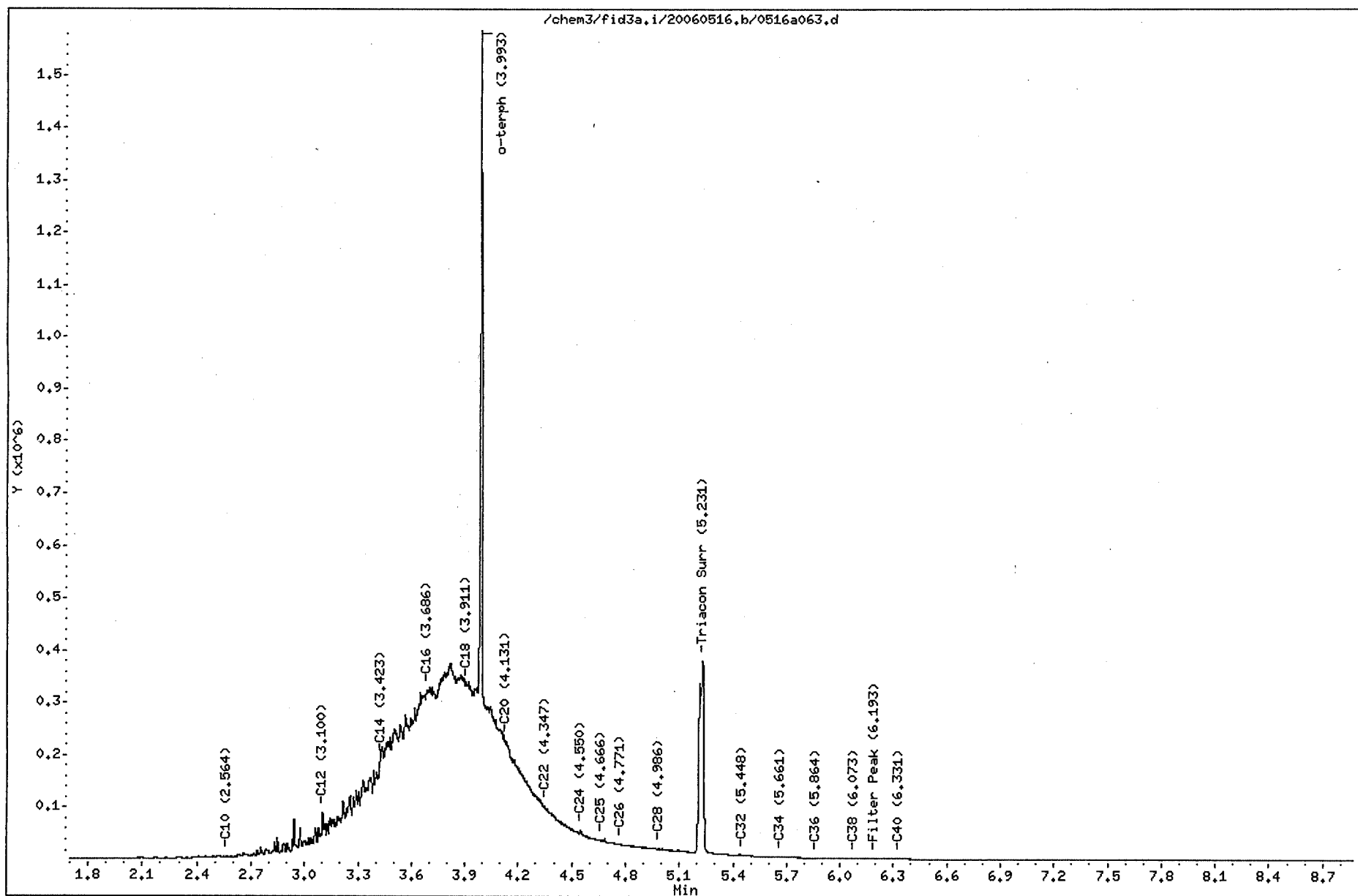
Instrument: fid3a.i

Sample Info: JI53G

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060516.b/0516a073.d

Date : 17-MAY-2006 03:02

Client ID:

Sample Info: JI98MBW1

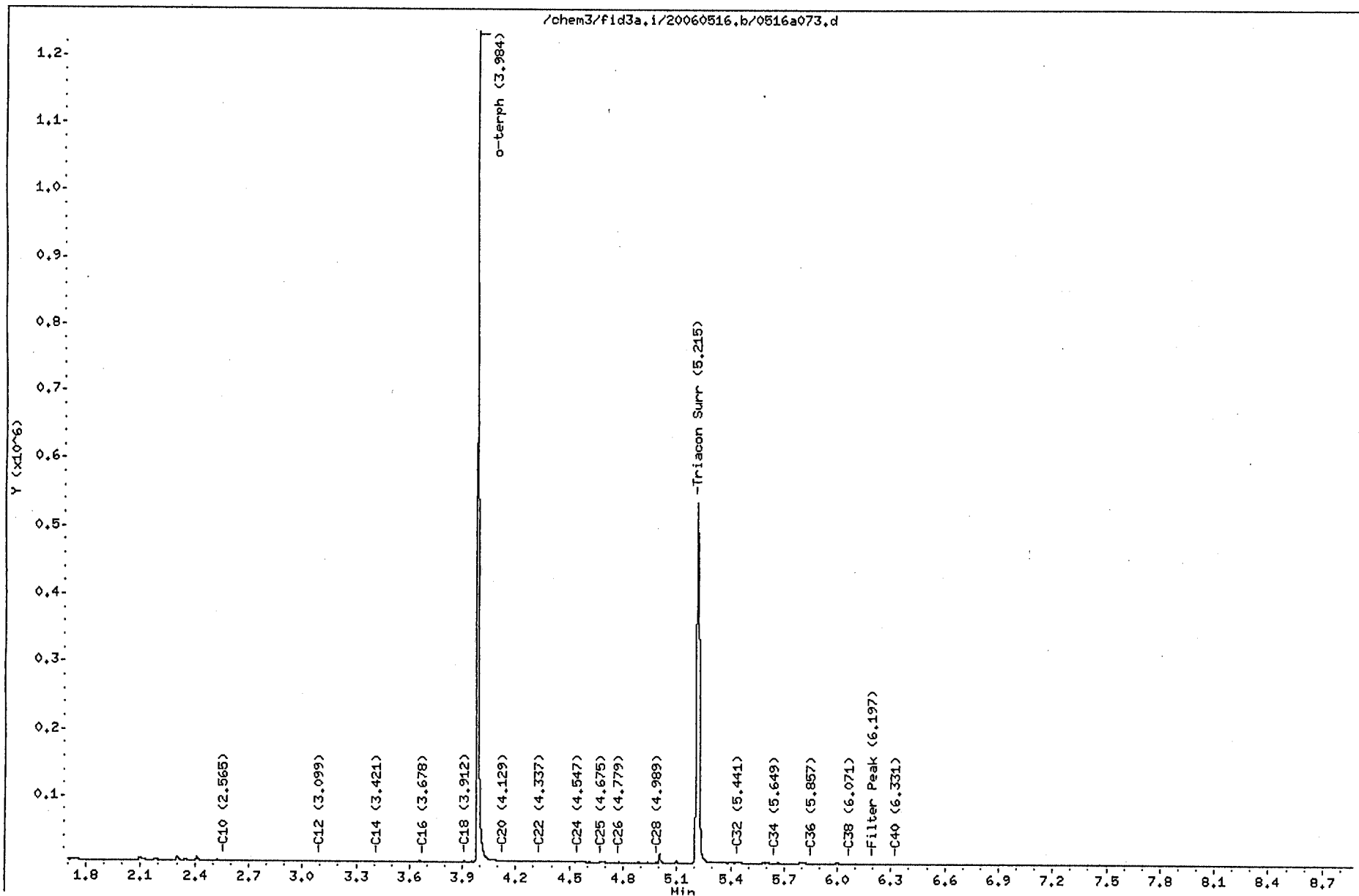
Column phase: RTX-1

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25

Page 1



Data File: /chem3/fid3a.i/20060516.b/0516a061.d

Page 1

Date : 16-MAY-2006 23:36

Client ID:

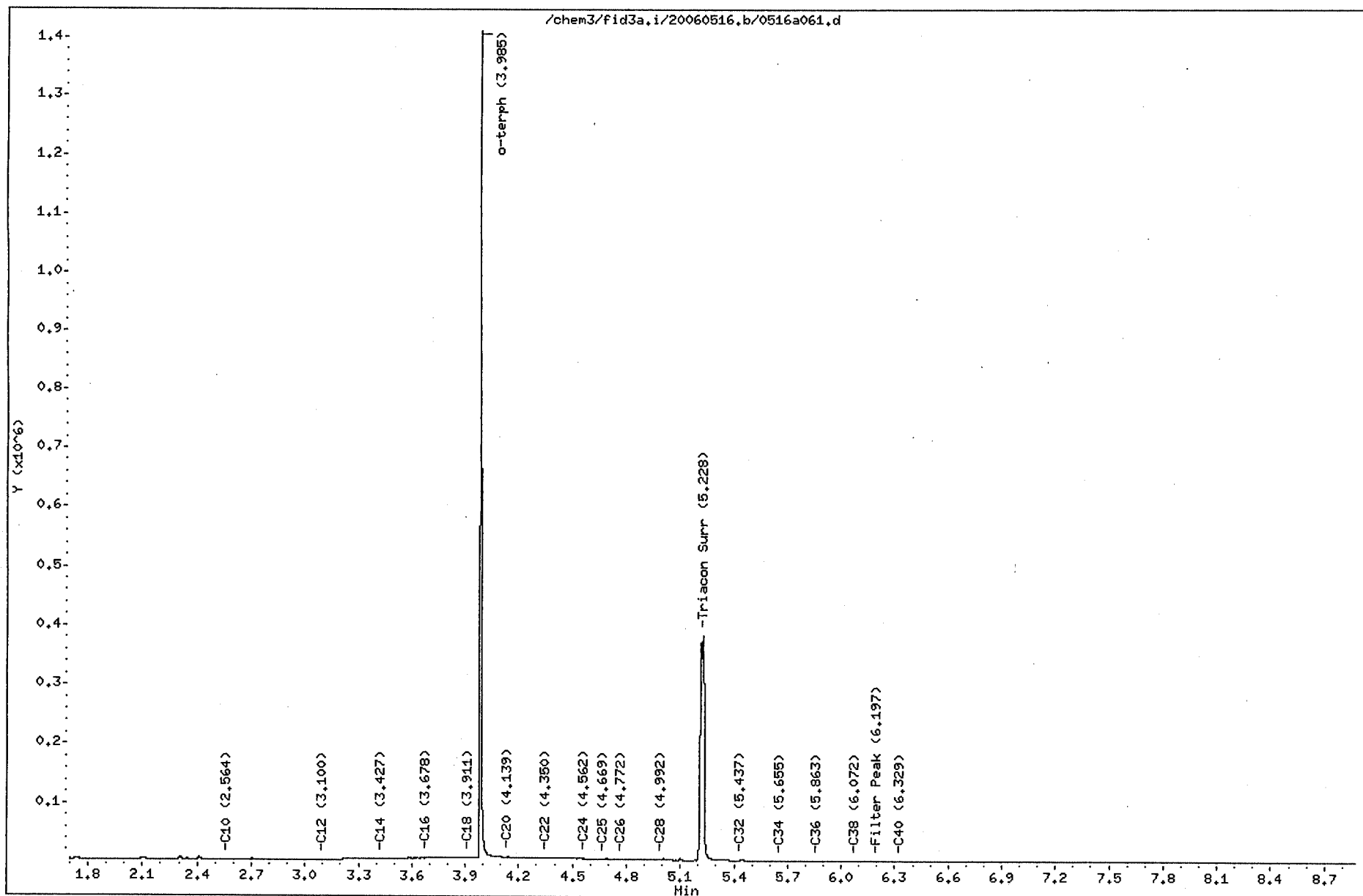
Instrument: fid3a.i

Sample Info: J153E

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



TPHD SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: JI53-CDM
Project: Leathercare
38057-47522

Client ID	OTER	TOT OUT
MW5	94.7%	0
MW4	90.7%	0
MW6	85.8%	0
MB-051206	87.1%	0
LCS-051206	97.6%	0
MW1	92.7%	0
MW1 MS	103%	0
MW1 MSD	101%	0
MB-051506	93.3%	0
LCS-051506	93.1%	0
MW2	92.9%	0
MW2 RE	92.9%	0
MW8	101%	0
MW7	98.0%	0

LCS/MB LIMITS QC LIMITS

(OTER) = o-Terphenyl

(60-116)

(52-124)

Prep Method: SW3510C
Log Number Range: 06-7812 to 06-7818

ORGANICS ANALYSIS DATA SHEET

NWTPHD by GC/FID

Page 1 of 1

Sample ID: MW1

MS/MSD

Lab Sample ID: JI53D

LIMS ID: 06-7815

Matrix: Water

Data Release Authorized: 

Reported: 05/24/06

QC Report No: JI53-CDM

Project: Leathercare

38057-47522

Date Sampled: 05/08/06

Date Received: 05/08/06

Date Extracted MS/MSD: 05/12/06

Sample Amount MS: 500 mL

MSD: 500 mL

Date Analyzed MS: 05/16/06 23:01

Final Extract Volume MS: 1.0 mL

MSD: 05/16/06 23:18

MSD: 1.0 mL

Instrument/Analyst MS: FID3A/AAR

Dilution Factor MS: 1.00

MSD: FID3A/AAR

MSD: 1.00

Range	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Diesel	< 0.25 U	3.07	3.00	102%	3.02	3.00	101%	1.6%

TPHD Surrogate Recovery

	MS	MSD
o-Terphenyl	103%	101%

Results reported in mg/L

RPD calculated using sample concentrations per SW846.

Data File: /chem3/fid3a.i/20060516.b/0516a059.d

Page 1

Date : 16-MAY-2006 23:01

Client ID:

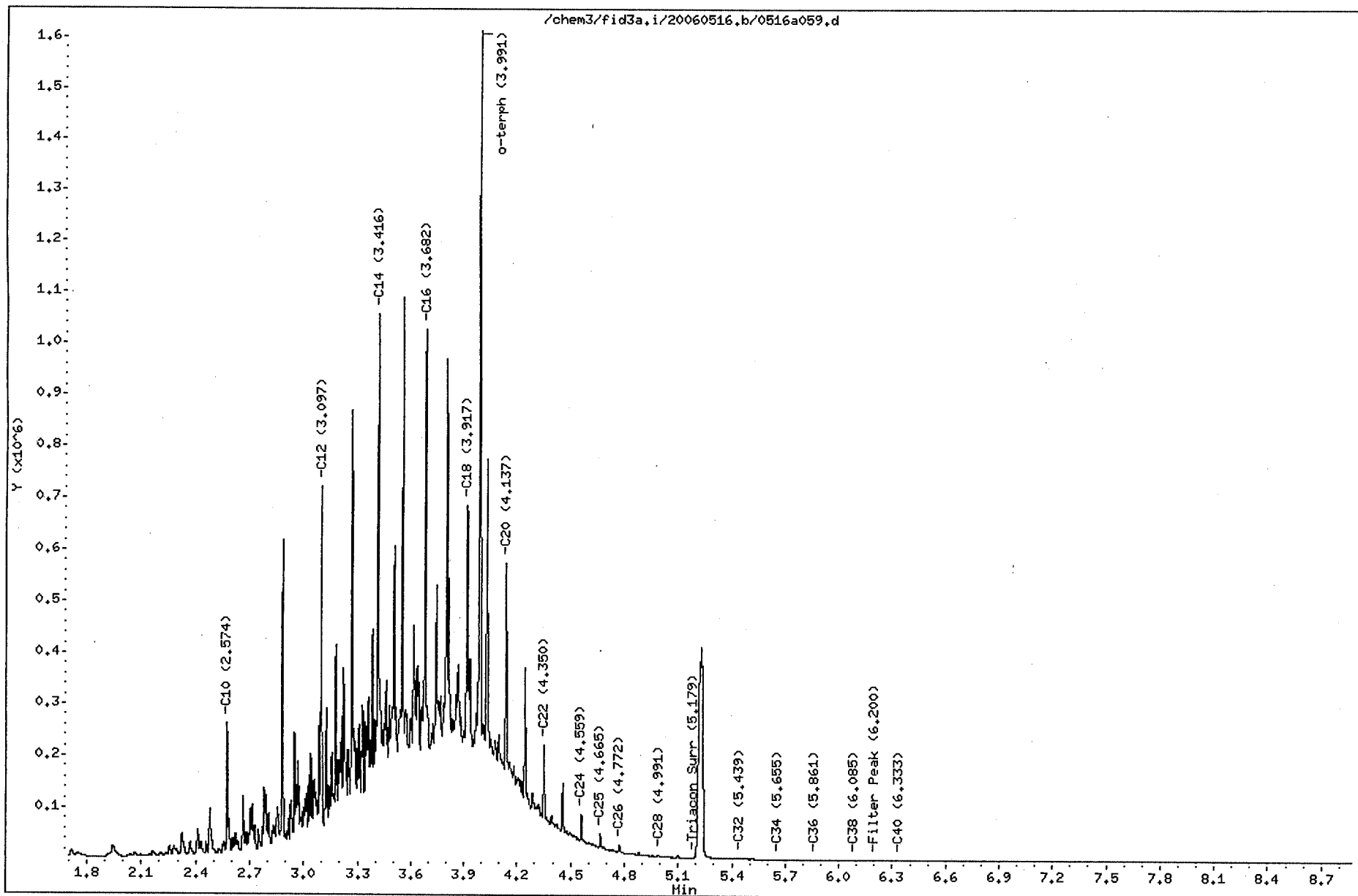
Sample Info: JI53DMS

Column phase: RTX-1

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25



Data File: /chem3/fid3a.i/20060516.b/0516a060.d

Page 1

Date : 16-MAY-2006 23:18

Client ID:

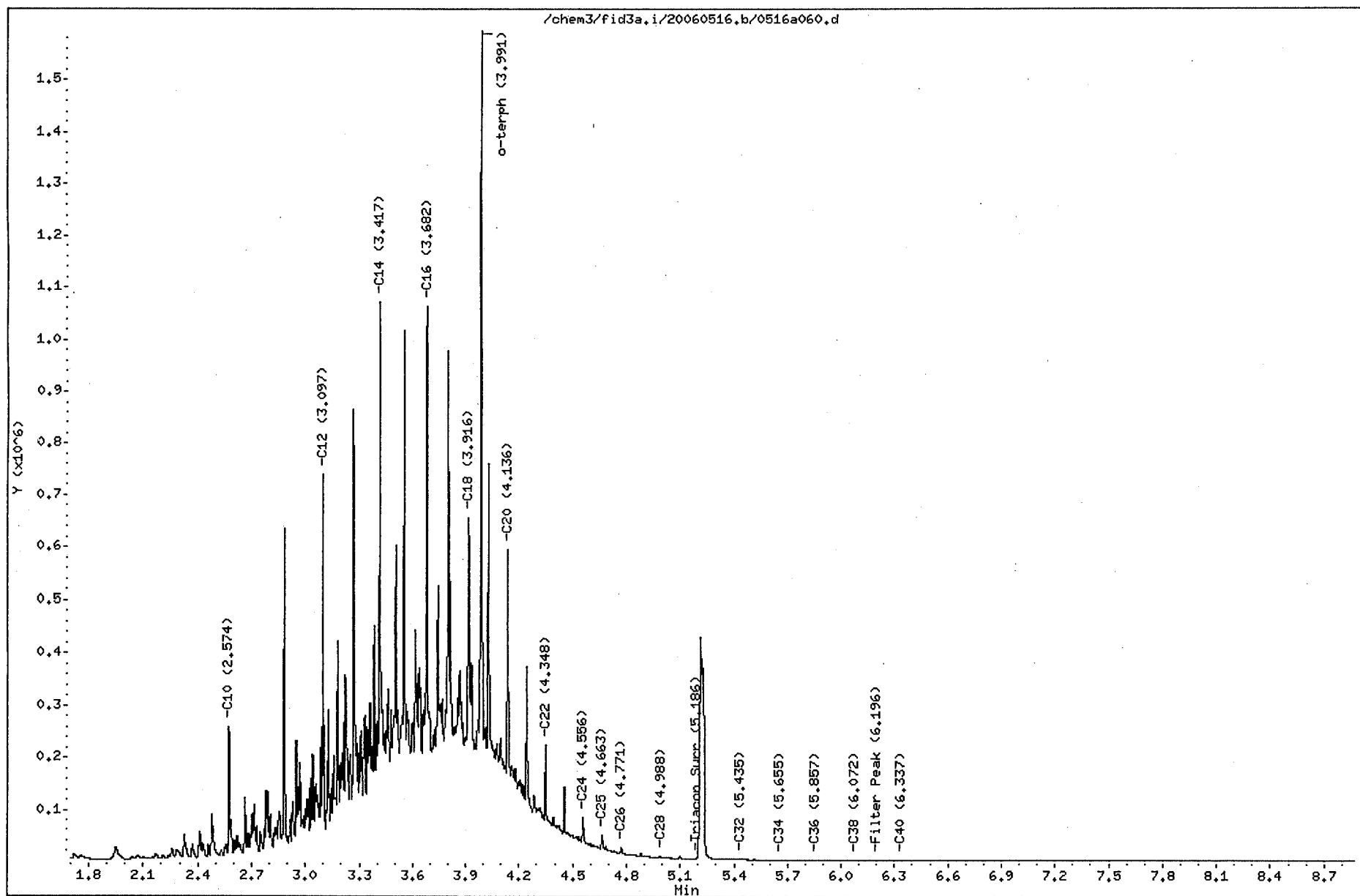
Sample Info: JI53DHSD

Instrument: fid3a.i

Operator: PC

Column phase: RTX-1

Column diameter: 0.25



ORGANICS ANALYSIS DATA SHEET

NWTPHD by GC/FID

Page 1 of 1

Sample ID: LCS-051206

LAB CONTROL

Lab Sample ID: LCS-051206

LIMS ID: 06-7815

Matrix: Water

Data Release Authorized:

Reported: 05/24/06

QC Report No: JI53-CDM

Project: Leathercare

38057-47522

Date Sampled: NA

Date Received: NA

Date Extracted: 05/12/06

Date Analyzed: 05/15/06 11:14

Instrument/Analyst: FID3A/AAR

Sample Amount: 500 mL

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Range	Lab Control	Spike Added	Recovery
Diesel	2.78	3.00	92.7%

TPHD Surrogate Recovery

o-Terphenyl	97.6%
-------------	-------

Results reported in mg/L

Data File: /chem3/fid3a.i/20060515.b/0515a016.d

Page 1

Date : 15-MAY-2006 11:14

Client ID: JI50LCSM1

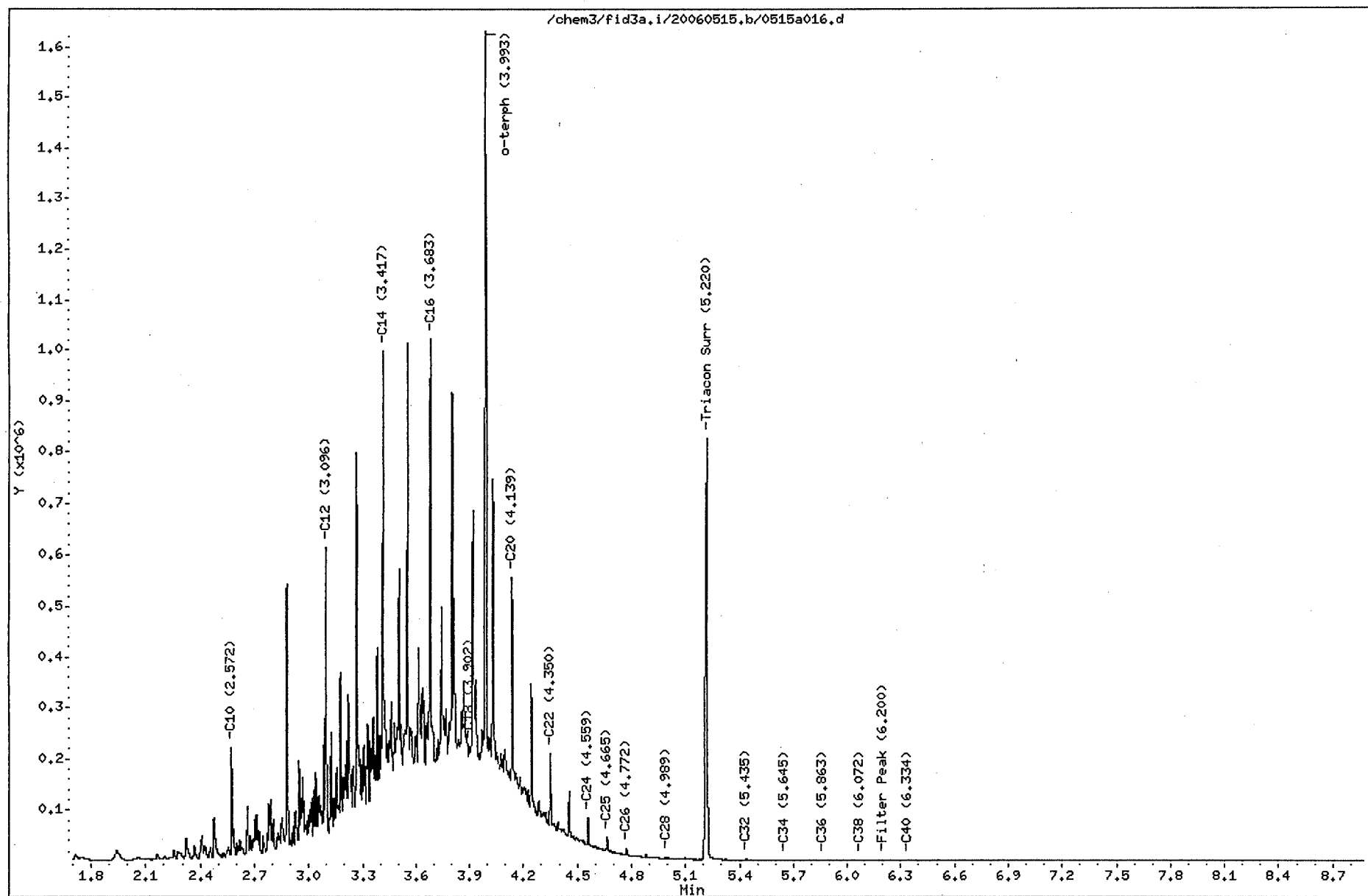
Sample Info: JI50LCSM1

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25

Column phase: RTX-1



ORGANICS ANALYSIS DATA SHEET

NWTPHD by GC/FID

Page 1 of 1

Sample ID: LCS-051506

LAB CONTROL

Lab Sample ID: LCS-051506

LIMS ID: 06-7816

Matrix: Water

Data Release Authorized: 

Reported: 05/24/06

QC Report No: JI53-CDM

Project: Leathercare

38057-47522

Date Sampled: NA

Date Received: NA

Date Extracted: 05/15/06

Date Analyzed: 05/17/06 03:19

Instrument/Analyst: FID3A/AAR

Sample Amount: 500 mL

Final Extract Volume: 1.0 mL

Dilution Factor: 1.00

Range	Lab Control	Spike Added	Recovery
Diesel	2.73	3.00	91.0%

TPHD Surrogate Recovery

o-Terphenyl	93.1%
-------------	-------

Results reported in mg/L

Data File: /chem3/fid3a.i/20060516.b/0516a074.d

Page 1

Date : 17-MAY-2006 03:19

Client ID:

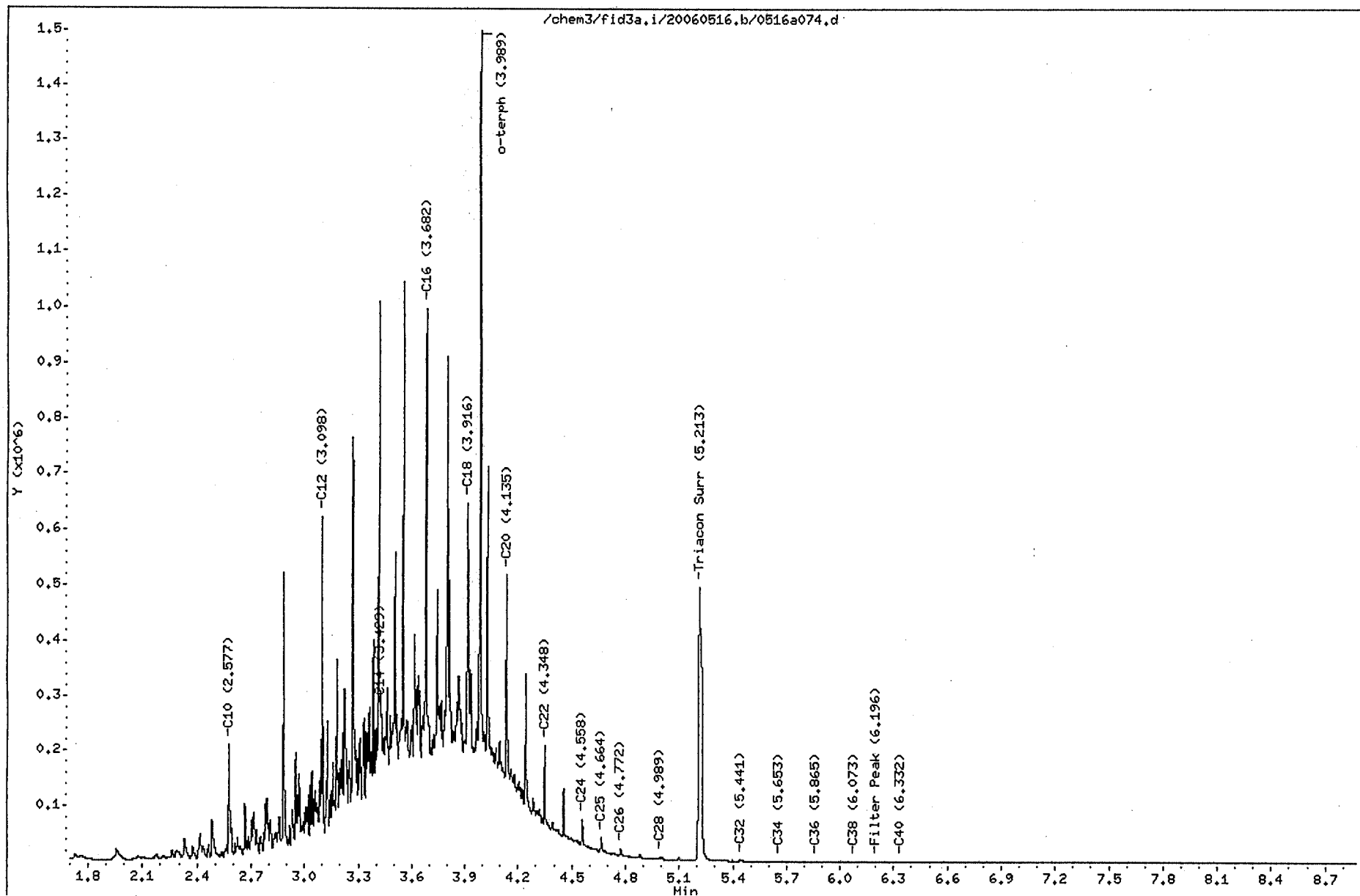
Sample Info: JI98LCSW1

Instrument: fid3a.i

Operator: PC

Column diameter: 0.25

Column phase: RTX-1



TOTAL DIESEL RANGE HYDROCARBONS-EXTRACTION REPORT

Matrix: Water
Date Received: 05/08/06

ARI Job: JI53
Project: Leathercare
38057-47522

ARI ID	Client ID	Samp Amt	Final Vol	Prep Date
06-7812-JI53A	MW5	500 mL	1.00 mL	05/12/06
06-7813-JI53B	MW4	500 mL	1.00 mL	05/12/06
06-7814-JI53C	MW6	500 mL	1.00 mL	05/12/06
06-7815-051206MB1	Method Blank	500 mL	1.00 mL	05/12/06
06-7815-051206LCS1	Lab Control	500 mL	1.00 mL	05/12/06
06-7815-JI53D	MW1	500 mL	1.00 mL	05/12/06
06-7815-JI53DMS	MW1	500 mL	1.00 mL	05/12/06
06-7815-JI53DMSD	MW1	500 mL	1.00 mL	05/12/06
06-7816-051506MB1	Method Blank	500 mL	1.00 mL	05/15/06
06-7816-051506LCS1	Lab Control	500 mL	1.00 mL	05/15/06
06-7816-JI53E	MW2	500 mL	1.00 mL	05/15/06
06-7816-JI53ERE	MW2	500 mL	1.00 mL	05/15/06
06-7817-JI53F	MW8	500 mL	1.00 mL	05/12/06
06-7818-JI53G	MW7	500 mL	1.00 mL	05/12/06

SAMPLE RESULTS-CONVENTIONALS
JI53-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/08/06
Date Received: 05/08/06

Client ID: MW5
ARI ID: 06-7812 JI53A

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/09/06 050906#1	SM 2320	mg/L CaCO3	1.0	405
Carbonate	05/09/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/09/06	SM 2320	mg/L CaCO3	1.0	405
Hydroxide	05/09/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/15/06 051506#2	EPA 325.2	mg/L	2.0	17.6
Sulfate	05/15/06 051506#1	EPA 375.2	mg/L	4.0	48.7
Chemical Oxygen Demand	05/10/06 051006#1	EPA 410.4	mg/L	5.00	17.2

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI53-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/08/06
Date Received: 05/08/06

Client ID: MW4
ARI ID: 06-7813 JI53B

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/09/06 050906#1	SM 2320	mg/L CaCO3	1.0	407
Carbonate	05/09/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/09/06	SM 2320	mg/L CaCO3	1.0	407
Hydroxide	05/09/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/15/06 051506#2	EPA 325.2	mg/L	2.0	14.3
Sulfate	05/15/06 051506#1	EPA 375.2	mg/L	4.0	47.4
Chemical Oxygen Demand	05/10/06 051006#1	EPA 410.4	mg/L	5.00	57.1

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI53-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/08/06
Date Received: 05/08/06

Client ID: MW6
ARI ID: 06-7814 JI53C

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/09/06 050906#1	SM 2320	mg/L CaCO3	1.0	344
Carbonate	05/09/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/09/06	SM 2320	mg/L CaCO3	1.0	344
Hydroxide	05/09/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/15/06 051506#2	EPA 325.2	mg/L	2.0	13.3
Sulfate	05/15/06 051506#1	EPA 375.2	mg/L	4.0	42.8
Chemical Oxygen Demand	05/10/06 051006#1	EPA 410.4	mg/L	5.00	12.7

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI53-CDM



Matrix: Water
Data Release Authorized
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/08/06
Date Received: 05/08/06

Client ID: MW1
ARI ID: 06-7815 JI53D

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/09/06 050906#2	SM 2320	mg/L CaCO3	1.0	161
Carbonate	05/09/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/09/06	SM 2320	mg/L CaCO3	1.0	161
Hydroxide	05/09/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/15/06 051506#2	EPA 325.2	mg/L	1.0	4.8
Sulfate	05/15/06 051506#1	EPA 375.2	mg/L	2.0	30.0
Chemical Oxygen Demand	05/16/06 051606#1	EPA 410.4	mg/L	5.00	7.56

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI53-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/08/06
Date Received: 05/08/06

Client ID: MW2
ARI ID: 06-7816 JI53E

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/09/06 050906#2	SM 2320	mg/L CaCO3	1.0	190
Carbonate	05/09/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/09/06	SM 2320	mg/L CaCO3	1.0	190
Hydroxide	05/09/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/15/06 051506#2	EPA 325.2	mg/L	1.0	7.7
Sulfate	05/15/06 051506#1	EPA 375.2	mg/L	2.0	32.1
Chemical Oxygen Demand	05/10/06 051006#1	EPA 410.4	mg/L	5.00	< 5.00 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI53-CDM



Matrix: Water
Data Release Authorized:
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/08/06
Date Received: 05/08/06

Client ID: MW8
ARI ID: 06-7817 JI53F

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/09/06 050906#1	SM 2320	mg/L CaCO3	1.0	427
Carbonate	05/09/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/09/06	SM 2320	mg/L CaCO3	1.0	427
Hydroxide	05/09/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/19/06 051906#1	EPA 325.2	mg/L	2.0	12.7
Sulfate	05/15/06 051506#1	EPA 375.2	mg/L	2.0	24.1
Chemical Oxygen Demand	05/10/06 051006#1	EPA 410.4	mg/L	5.00	36.2

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JI53-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/08/06
Date Received: 05/08/06

Client ID: MW7
ARI ID: 06-7818 JI53G

Analyte	Date Batch	Method	Units	RL	Sample
Alkalinity	05/09/06 050906#1	SM 2320	mg/L CaCO3	1.0	450
Carbonate	05/09/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Bicarbonate	05/09/06	SM 2320	mg/L CaCO3	1.0	450
Hydroxide	05/09/06	SM 2320	mg/L CaCO3	1.0	< 1.0 U
Chloride	05/19/06 051906#1	EPA 325.2	mg/L	2.0	15.5
Sulfate	05/15/06 051506#1	EPA 375.2	mg/L	2.0	13.6
Chemical Oxygen Demand	05/10/06 051006#1	EPA 410.4	mg/L	5.00	41.4

RL Analytical reporting limit
U Undetected at reported detection limit

METHOD BLANK RESULTS-CONVENTIONALS
JI53-CDM



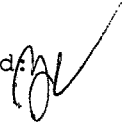
Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: NA
Date Received: NA

Analyte	Method	Date	Units	Blank
Chloride	EPA 325.2	05/15/06	mg/L	< 1.0 U
		05/19/06		< 1.0 U
Sulfate	EPA 375.2	05/15/06	mg/L	< 2.0 U
Chemical Oxygen Demand	EPA 410.4	05/10/06	mg/L	< 5.00 U
		05/16/06		< 5.00 U

STANDARD REFERENCE RESULTS-CONVENTIONALS
JI53-CDM



Matrix: Water
Data Release Authorized: 
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Method	Date	Units	SRM	True Value	Recovery
Alkalinity ERA #P114506	SM 2320	05/09/06	mg/L CaCO3	79.0	83.9	94.2%
Chloride ERA #38084	EPA 325.2	05/15/06 05/19/06	mg/L	4.8 4.9	5.0 5.0	96.0% 98.0%
Sulfate ERA #37065	EPA 375.2	05/15/06	mg/L	25.2	25.0	100.8%
Chemical Oxygen Demand Thermo Orion #I01	EPA 410.4	05/10/06 05/16/06	mg/L	89.1 91.6	90.0 90.0	99.0% 101.8%

REPLICATE RESULTS-CONVENTIONALS
JI53-CDM



Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/08/06
Date Received: 05/08/06

Analyte	Method	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JI53A Client ID: MW5						
Alkalinity	SM 2320	05/09/06	mg/L CaCO3	405	406	0.2%
Carbonate	SM 2320	05/09/06	mg/L CaCO3	< 1.0	< 1.0	NA
Bicarbonate	SM 2320	05/09/06	mg/L CaCO3	405	406	0.2%
Hydroxide	SM 2320	05/09/06	mg/L CaCO3	< 1.0	< 1.0	NA
Chloride	EPA 325.2	05/15/06	mg/L	17.6	17.5	0.6%
Sulfate	EPA 375.2	05/15/06	mg/L	48.7	47.3	2.9%
ARI ID: JI53D Client ID: MW1						
Alkalinity	SM 2320	05/09/06	mg/L CaCO3	161	162	0.6%
Carbonate	SM 2320	05/09/06	mg/L CaCO3	< 1.0	< 1.0	NA
Bicarbonate	SM 2320	05/09/06	mg/L CaCO3	161	162	0.6%
Hydroxide	SM 2320	05/09/06	mg/L CaCO3	< 1.0	< 1.0	NA
Chemical Oxygen Demand	EPA 410.4	05/16/06	mg/L	7.56	6.87	9.6%

MS/MSD RESULTS-CONVENTIONALS
JI53-CDM



Matrix: Water
Data Release Authorized: *[Signature]*
Reported: 05/23/06

Project: Leathercare
Event: 38057-47522
Date Sampled: 05/08/06
Date Received: 05/08/06

Analyte	Method	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: JI53A Client ID: MW5							
Chloride	EPA 325.2	05/15/06	mg/L	17.6	43.4	25.0	103.2%
Sulfate	EPA 375.2	05/15/06	mg/L	48.7	152	100	103.3%
ARI ID: JI53D Client ID: MW1							
Chemical Oxygen Demand	EPA 410.4	05/16/06	mg/L	7.56	47.7	38.0	105.6%