KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date: 08/07/03
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: SOIL

Lab ID: WG3121-2 & WG3121-3
Client ID: WG3121-LCS & WG3121-LCSD
SDG: WT1906
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG3121
Units: mg/Kg

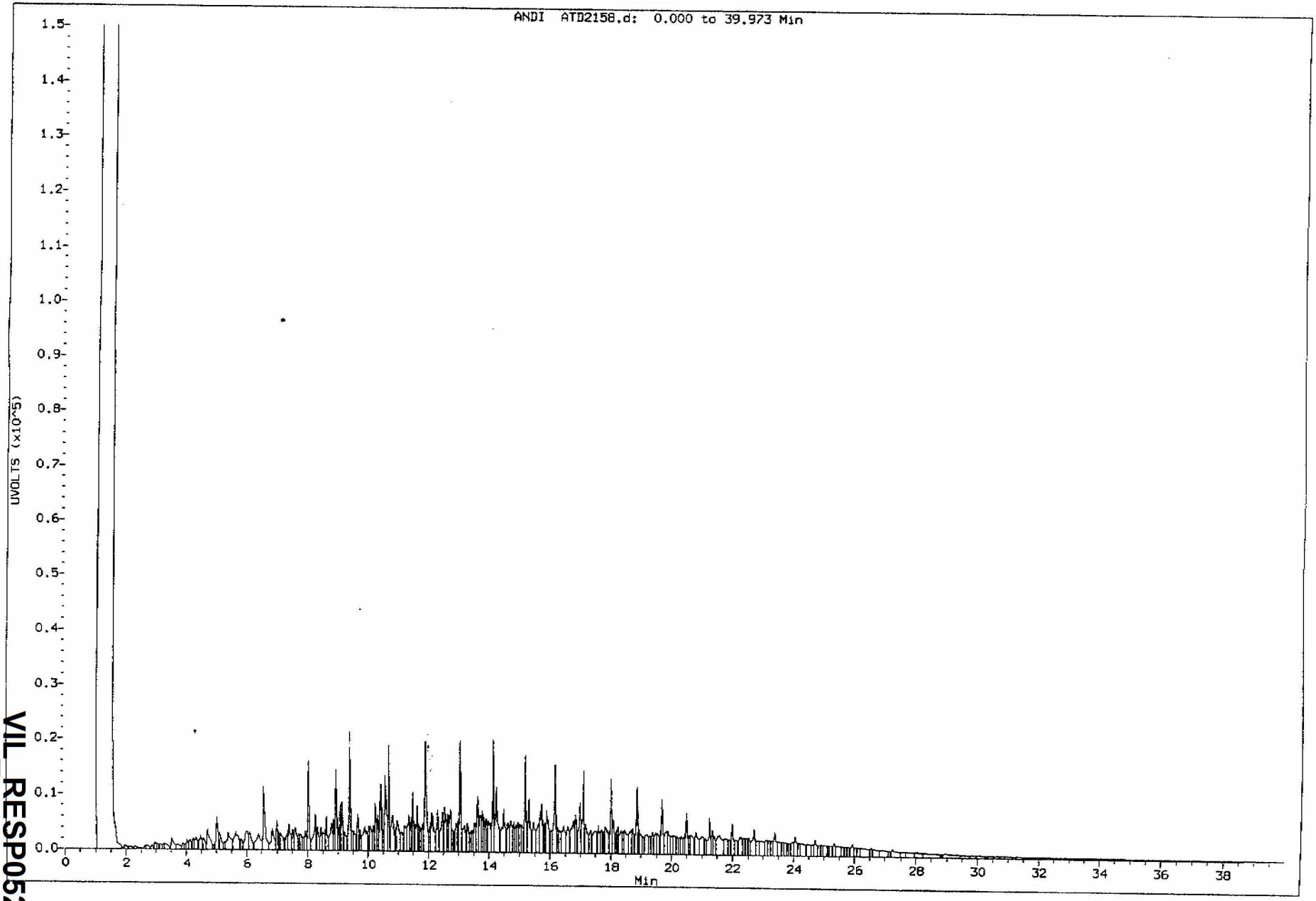
COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.		LCSD %REC.		%RPD	%RPD LIMIT	QC. LIMITS
Diesel Range Organics	50	50	NA	31	24	61	*	48	*	25	20	60-140

FORM III SV-2

ATH2077.d & ATH2078.d

Fo #4

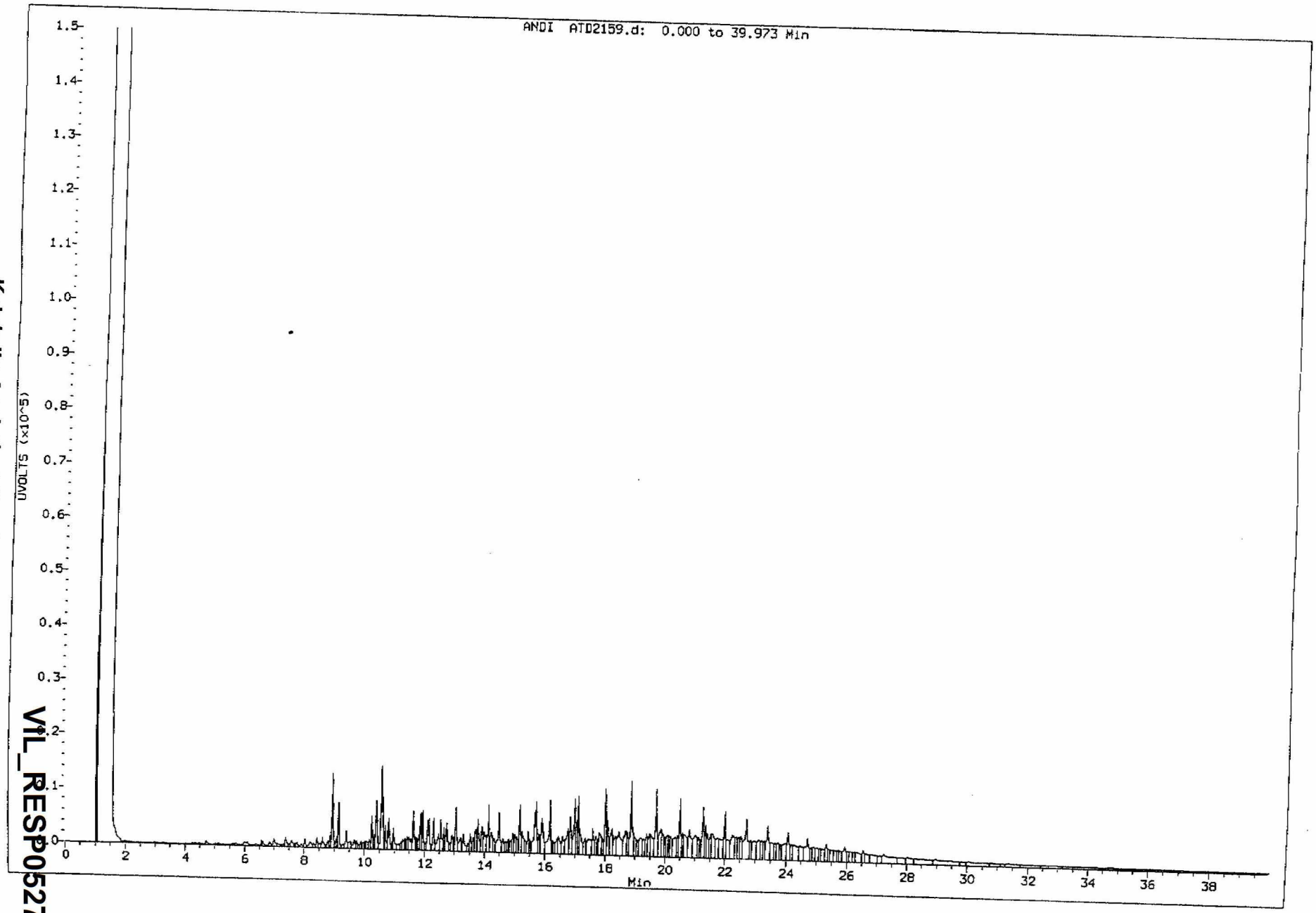
Data File: \\Target_server\GG\chem\gc10.i\GC10TD14B2.b\ATD2158.d
Injection Date: 15-APR-2003 12:04
Instrument: gc10.i
Client Sample ID: FINGERPRINT



VIL_RESP05271

F-0 #6

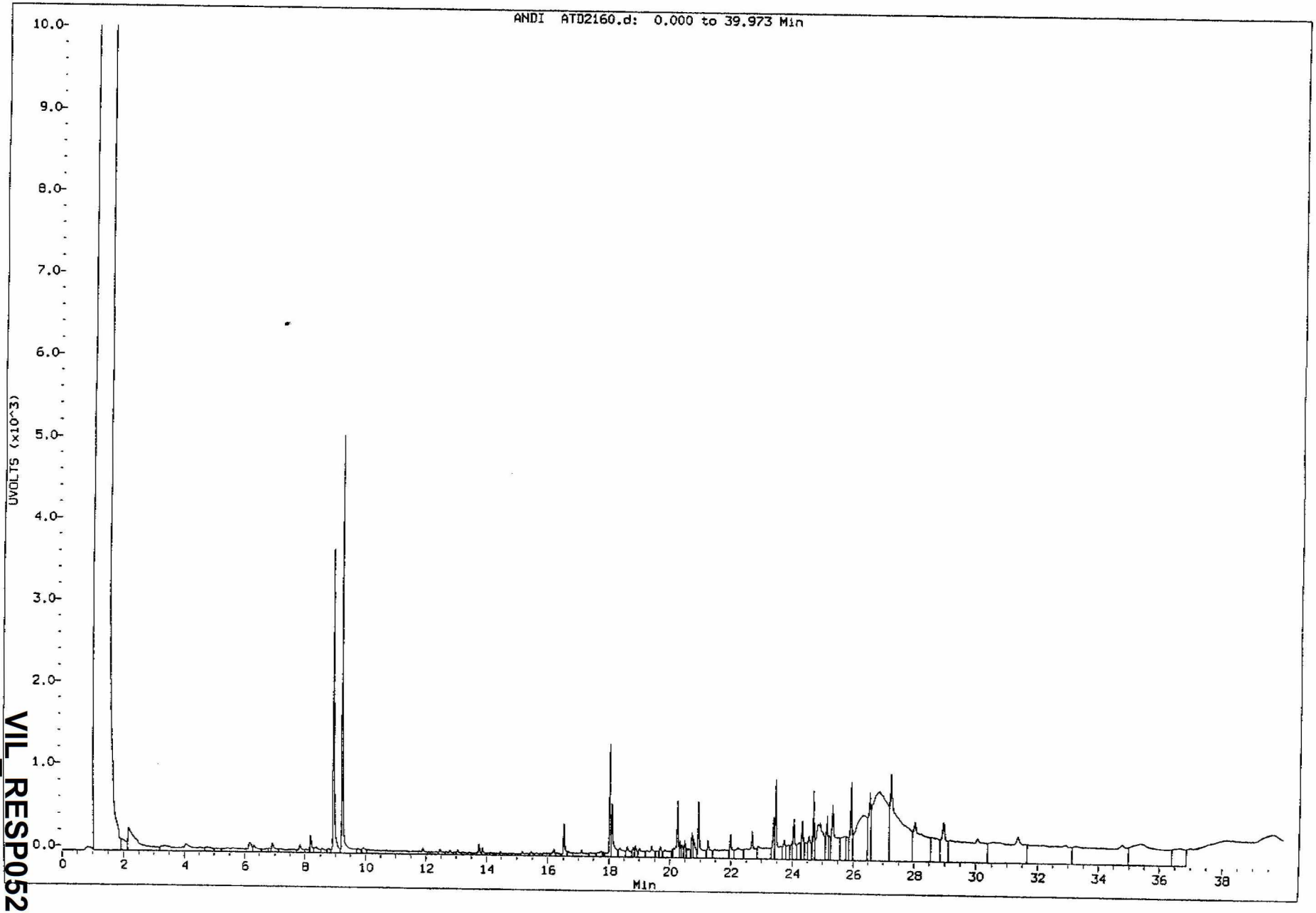
Data File: \\Target_server\GG\chem\gc10.i\GC10TD14B2.b\ATD2159.d
Injection Date: 15-APR-2003 13:12
Instrument: gc10.i
Client Sample ID: FINGERPRINT



VIL_RESP05272

Corn Oil

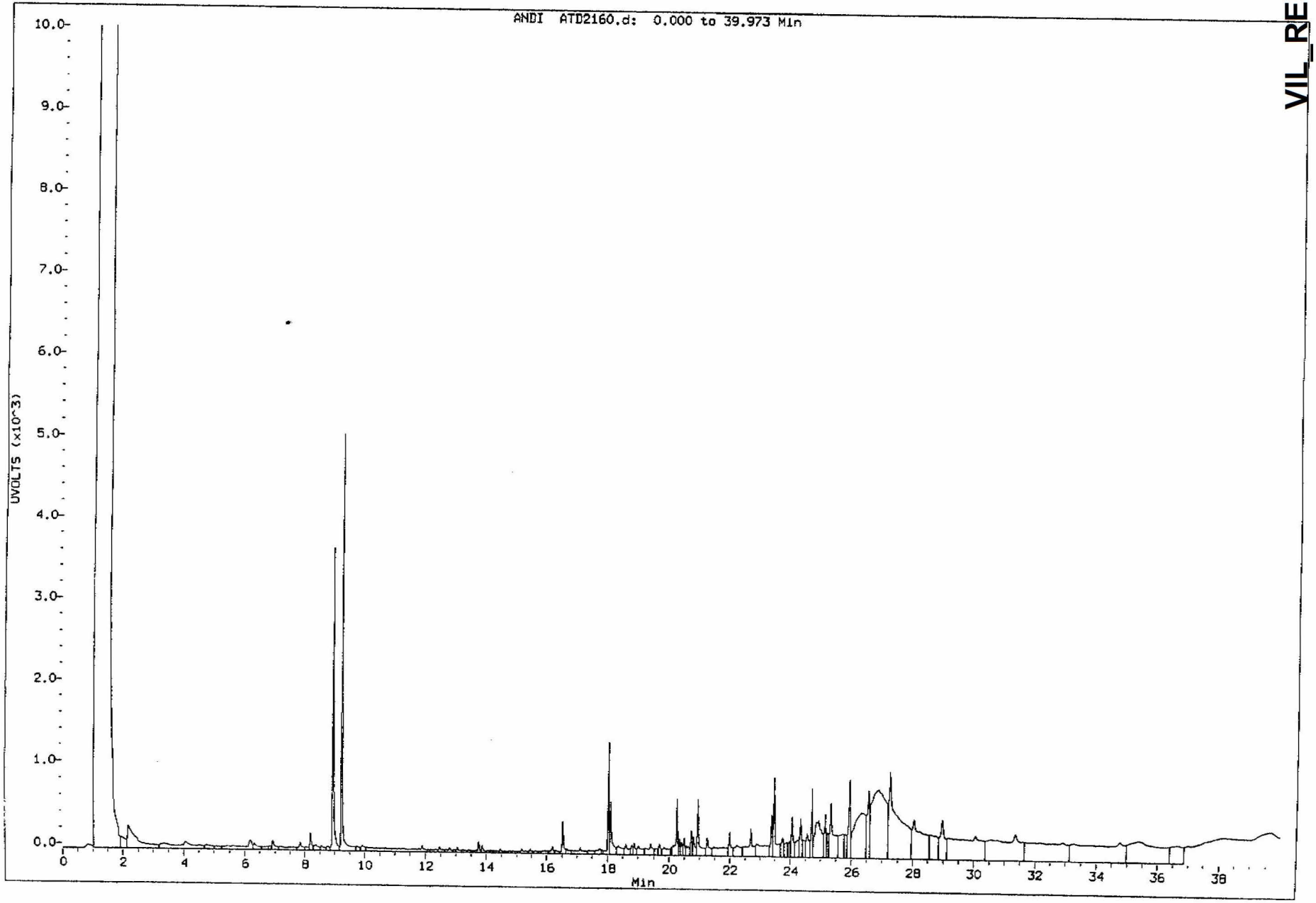
Data File: \\Target_server\GG\chem\gc10.i\GC10TD14B2.b\ATD2160.d
Injection Date: 15-APR-2003 14:01
Instrument: gc10.i
Client Sample ID: FINGERPRINT



VIL_RESP05273

Corn Oil

Data File: \\Target_server\GG\chem\gc10.i\GC10TD14B2.b\ATD2160.d
Injection Date: 15-APR-2003 14:01
Instrument: gc10.i
Client Sample ID: FINGERPRINT



VIL_RESP05274

Katahdin
ANALYTICAL SERVICES

PREPARATION BLANK REPORT

Sample ID: PBSTH06ICS0 **Batch ID** TH06ICS0

Element Name	Result	Units	Flag	PQL	File
ANTIMONY	0.2	mg/kgdrywt	U	0.800	ATH07A
ARSENIC	0.2	mg/kgdrywt	U	0.800	ATH07A
BARIUM	0.07	mg/kgdrywt	J	0.500	ATH07A
BERYLLIUM	0.02	mg/kgdrywt	U	0.500	ATH07A
CADMIUM	0.05	mg/kgdrywt	J	1.00	ATH07A
CHROMIUM	0.09	mg/kgdrywt	U	1.50	ATH07A
COBALT	0.06	mg/kgdrywt	U	3.00	ATH07A
COPPER	0.1	mg/kgdrywt	U	2.50	ATH07A
IRON	8.	mg/kgdrywt	J	10.0	ATH07A
LEAD	0.2	mg/kgdrywt	U	0.500	ATH07A
MANGANESE	0.15	mg/kgdrywt	J	0.500	ATH07A
MOLYBDENUM	0.08	mg/kgdrywt	U	10.0	ATH07A
NICKEL	0.15	mg/kgdrywt	J	4.00	ATH07A
SELENIUM	0.2	mg/kgdrywt	U	1.00	ATH07A
SILVER	0.1	mg/kgdrywt	U	1.50	ATH07A
STRONTIUM	0.153	mg/kgdrywt	J	10.0	ATH07A
THALLIUM	1.	mg/kgdrywt	J	1.50	ATH07A
TITANIUM	0.57	mg/kgdrywt	J	1.50	ATH07A
VANADIUM	0.12	mg/kgdrywt	J	2.50	ATH07A
ZINC	0.66	mg/kgdrywt	J	2.50	ATH07A

U The analyte was not detected in the sample at a level greater than the instrument detection limit.

J The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the laboratory's Practical Quantitation Level.

H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.

Katahdin
ANALYTICAL SERVICES

LABORATORY CONTROL SAMPLE REPORT

Sample ID: LCSSTH06ICS0 **Batch ID** TH06ICS0

Element Name	True Value	Result	Units	Recovery(%)	Flag	Limits (mg/kgdrywt)		File
ALUMINUM	6340.	7460.	mg/kgdrywt	117.7%		2760	9920	ATH07A
ANTIMONY	34.0	31.7	mg/kgdrywt	93.2%		0	77.5	ATH07A
ARSENIC	192.	210.	mg/kgdrywt	109.4%		152	232	ATH07A
BARIUM	417.	469.	mg/kgdrywt	112.5%		332	502	ATH07A
BERYLLIUM	99.9	101.	mg/kgdrywt	101.1%		79.2	121	ATH07A
CADMIUM	125.	137.	mg/kgdrywt	109.6%		101	149	ATH07A
CALCIUM	3370.	3960.	mg/kgdrywt	117.5%		2550	4190	ATH07A
CHROMIUM	133.	138.	mg/kgdrywt	103.8%		101	163	ATH07A
COBALT	56.8	57.9	mg/kgdrywt	101.9%		45.0	68.7	ATH07A
COPPER	93.9	99.8	mg/kgdrywt	106.3%		74.4	113	ATH07A
IRON	11600.	15300.	mg/kgdrywt	131.9%		5500	17700	ATH07A
LEAD	160.	177.	mg/kgdrywt	110.6%		124	196	ATH07A
MAGNESIUM	2000.	2150.	mg/kgdrywt	107.5%		1410	2590	ATH07A
MANGANESE	320.	342.	mg/kgdrywt	106.9%		242	398	ATH07A
MOLYBDENUM	62.9	66.7	mg/kgdrywt	106.0%		47.6	78.1	ATH07A
NICKEL	174.	202.	mg/kgdrywt	116.1%		136	211	ATH07A
SELENIUM	97.0	104.	mg/kgdrywt	107.2%		69.8	124	ATH07A
SILVER	115.	120.	mg/kgdrywt	104.3%		63.3	167	ATH07A
STRONTIUM	178.	185.	mg/kgdrywt	103.9%		132	224	ATH07A
THALLIUM	79.1	90.4	mg/kgdrywt	114.3%		58.4	100	ATH07A
TITANIUM	327.	425.	mg/kgdrywt	130.0%		28.1	626	ATH07A
VANADIUM	92.7	100.	mg/kgdrywt	107.9%		64.9	121	ATH07A
ZINC	246.	265.	mg/kgdrywt	107.7%		189	303	ATH07A

H Laboratory control sample recovery is greater than the laboratory's acceptance limit.

L Laboratory control sample recovery is less than the laboratory's acceptance limit.

Katahdin
ANALYTICAL SERVICES

PREPARATION BLANK REPORT

Sample ID: PBSTH15HGS0 **Batch ID** TH15HGS0

Element Name	Result	Units	Flag	PQL	File
MERCURY	0.007	ug/gdrywt	J	0.04	DTH15C

U The analyte was not detected in the sample at a level greater than the instrument detection limit.

J The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the laboratory's Practical Quantitation Level.

H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.

Katahdin
ANALYTICAL SERVICES

LABORATORY CONTROL SAMPLE REPORT

Sample ID: LCSSTH15HGS0 **Batch ID** TH15HGS0

Element Name	True Value	Result	Units	Recovery(%)	Flag	Limits (ug/gdrywt)		File
MERCURY	24.0	25.5	ug/gdrywt	106.3%		15.8	32.2	DTH15C

H Laboratory control sample recovery is greater than the laboratory's acceptance limit.
L Laboratory control sample recovery is less than the laboratory's acceptance limit.

VIL_RESP05278

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Laboratory Control Sample Report

Company Jacques Whitford Company, Inc.
Sdg WT1906

Qc Batch Id	Anal Date	Prep Date	Units	Spike Amount	Result	Recovery (%)	Recovery Acceptance Range
Parameter: Total Solids							
WG3145	08/11/03	08/08/03	%	91	89	99	80-120

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # WT1906

PAGE: 1 OF 1

COOLER: 1 OF 1

CLIENT: Jacques Whitford

PROJECT: 7 Depot St.

COC#
SDG#
DATE / TIME RECEIVED: 8/5/03 ~~1635~~ RCD 1730
DELIVERED BY: Jacques Whitford
RECEIVED BY: RCD
LIMS ENTRY BY: RCD
LIMS REVIEW BY / PM: RCD

	YES	NO	EXCEPTIONS
1. CUSTODY SEALS PRESENT / INTACT?	☐	☑	☐
2. CHAIN OF CUSTODY PRESENT IN THIS COOLER?	☑	☐	☐
3. CHAIN OF CUSTODY SIGNED BY CLIENT?	☑	☐	☐
4. CHAIN OF CUSTODY MATCHES SAMPLES?	☑	☐	☐
5. TEMPERATURE BLANKS PRESENT?	☑	☐	☐
6. SAMPLES RECEIVED AT 4°C +/- 2? ICE / ICE PACKS PRESENT (Y) or N?	☑	☐	☐
7. VOLATILES FREE OF HEADSPACE?	☑	☐	☐
8. TRIP BLANK PRESENT IN THIS COOLER	☑	☐	☐
9. PROPER SAMPLE CONTAINERS AND VOLUME?	☑	☐	☐
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	☑	☐	☐
11. SAMPLES PROPERLY PRESERVED(1)?	☑	☐	☐
12. CORRECTIVE ACTION REPORT FILED?	☐	☑	N/A

COMMENTS | RESOLUTION

TEMP BLANK TEMP (°C)= 5.9

COOLER TEMP (°C)= NA
(RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP NFESC ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES(1):

(1) Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

VIL_RESP05280

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Page ___ of ___

Client: JACQUES WHITFORD | Contact: TODD COFFIN | Phone #: ( ) | Fax #: ( )

Address: 75 PEARL ST. | City: PORTLAND | State: ME | Zip Code: 04101

Purchase Order # | Proj. Name / No.: DEPOT ST / MEP03.10-2 | Katahdin Quote #

Bill (if different than above) | Address

Sampler (Print / Sign): DAVID CHAPMAN / David V. Chapman | Copies To:

LAB USE ONLY WORK ORDER #:

KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B (Filt. ☐Y☐N)	DRO / FUEL IDENTIFICATION (Filt. ☐Y☐N)	8 TOTAL RCRA METALS (Filt. ☐Y☐N)	PCBS (Filt. ☐Y☐N)	(Filt. ☐Y☐N)	(Filt. ☐Y☐N)	(Filt. ☐Y☐N)	(Filt. ☐Y☐N)	(Filt. ☐Y☐N)	(Filt. ☐Y☐N)
	TRIP BLANK	8/4/03/	W	1	✓									
	TP-101, 8-10	8/4/03/1046	S	4	✓	✓								
	TP-102, 0-2	8/4/03/1102	S	1			✓							
	TP-102, 4-6	8/4/03/1115	S	1			✓							
	TP-103, 0-2	8/4/03/1135	S	1			✓							
	TP-104, 10-12	8/4/03/1648	S	4	✓	✓								
	TP-107, 2-4	8/4/03/1221	S	1			✓							
	TP-107, 8-10	8/4/03/1221	S	4	✓	✓								
	TP-110, 0-2	8/4/03/1350	S	1			✓							
	TP-111, 2-4	8/4/03/1450	S	4	✓	✓								
	TP-112, 0-2	8/4/03/1510	S	1			✓							
	HA-1, 0-0.3	8/5/03/1428	S	1		✓		✓						
	HA-2, 0-0.3	8/5/03/1440	S	1				✓						
	HA-4 DPC, 1-2	8/5/03/1345	S	1		✓		✓						
	HA-6, 0-0.3	8/5/03/1520	S	4	✓	✓								
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
David V. Chapman	8/5/03 1730	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

VIL_RESP05281

KAS-COC1 (R.0900)

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Aug. 06, 2003
10:50 AM

Login Number: WT1906

Account: JACQUE001
Jacques Whitford Company, Inc.

Project:

Primary Report Address:
Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201

Portland,ME 04101

Primary Invoice Address:
Accounts Payable
Jacques Whitford Company, Inc.
27 Congress St.

Portsmouth,NH 03801

Report CC Addresses:
Invoice CC Addresses:

Login Information

ANALYSIS INSTRUCTIONS	:	
CLIENT PO#	:	MEP03102
COOLER TEMPERATURE	:	5.9
DELIVERY SERVICES	:	Client
EDD FORMAT	:	
MAIL DATE	:	
PM	:	RCT
PROJECT NAME	:	7 Depot Street
QC LEVEL	:	II
REGULATORY LIST	:	
REPORT INSTRUCTIONS	:	Include GC chromatograms
SDG ID	:	
SDG STATUS	:	

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WT1906-1	TP-101,8-10	04-AUG-03 10:46	05-AUG-03			18-AUG-03	VOA: Low level. En Core (3), 2 in DI water, 1 in MeOH.

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	DRO-FINGERPRINT	11-AUG-03	1L N-AmberG+HCl	2
Solid	S	MEDEP4.1.25	18-AUG-03	100g Glass	1
Solid	S	SW8260FULL5ML	18-AUG-03	40mL Vial+HCl	3
Solid	S	TS	03-SEP-03		

WT1906-2	TP-102,0-2	04-AUG-03 11:02	05-AUG-03	18-AUG-03

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	P	RCRA-METALS			1

SW3050-PREP, SW6010-ARSENIC, SW6010-BARIUM, SW6010-CADMIUM, SW6010-CHROMIUM, SW6010-LEAD, SW6010-SELENIUM, SW6010-SILVER, SW7471-MERCURY

Solid	S	TS	03-SEP-03

WT1906-3	TP-103,0-2	04-AUG-03 11:35	05-AUG-03	18-AUG-03

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	P	RCRA-METALS			1

SW3050-PREP, SW6010-ARSENIC, SW6010-BARIUM, SW6010-CADMIUM, SW6010-CHROMIUM, SW6010-LEAD, SW6010-SELENIUM, SW6010-SILVER, SW7471-MERCURY

Solid	S	TS	03-SEP-03

WT1906-4	TP-104,10-12	04-AUG-03 16:48	05-AUG-03	18-AUG-03

VOA: Low level. En Core (3), 2 in DI water, 1 in MeOH.

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	DRO-FINGERPRINT	11-AUG-03	1L N-AmberG+HCl	2
Solid	S	MEDEP4.1.25	18-AUG-03	100g Glass	1
Solid	S	SW8260FULL5ML	18-AUG-03	40mL Vial+HCl	3
Solid	S	TS	03-SEP-03		

WT1906-5	TP-107,2-4	04-AUG-03 12:11	05-AUG-03	18-AUG-03

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	P	RCRA-METALS			1

SW3050-PREP, SW6010-ARSENIC, SW6010-BARIUM, SW6010-CADMIUM, SW6010-CHROMIUM, SW6010-LEAD, SW6010-SELENIUM, SW6010-SILVER, SW7471-MERCURY

Solid	S	TS	03-SEP-03

VIL_RESP05282

ECJ 8/6/03

Katahdin ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Aug. 06, 2003

10:50 AM

Login Number: WT1906

Account: JACQUE001

Jacques Whitford Company, Inc.

Project:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WT1906-6	TP-102,4-6	04-AUG-03 11:15	05-AUG-03			18-AUG-03	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	P	RCRA-METALS			1
		SW3050-PREP, SW6010-ARSENIC, SW6010-BARIUM, SW6010-CADMIUM, SW6010-CHROMIUM, SW6010-LEAD, SW6010-SELENIUM, SW6010-SILVER, SW7471-MERCURY			
Solid	S	TS	03-SEP-03		

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WT1906-7	TP-107,8-10	04-AUG-03 12:21	05-AUG-03			18-AUG-03	VOA: Low level. En Core (3), 2 in DI water, 1 in MeOH.

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	DRO-FINGERPRINT	11-AUG-03	1L N-AmberG+HCl	2
Solid	S	MEDEP4.1.25	18-AUG-03	100g Glass	1
Solid	S	SW8260FULL5ML	18-AUG-03	40mL Vial+HCl	3
Solid	S	TS	03-SEP-03		

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WT1906-8	TP-110,0-2	04-AUG-03 13:50	05-AUG-03			18-AUG-03	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	P	RCRA-METALS			1
		SW3050-PREP, SW6010-ARSENIC, SW6010-BARIUM, SW6010-CADMIUM, SW6010-CHROMIUM, SW6010-LEAD, SW6010-SELENIUM, SW6010-SILVER, SW7471-MERCURY			
Solid	S	TS	03-SEP-03		

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WT1906-9	TP-111,2-4	04-AUG-03 14:50	05-AUG-03			18-AUG-03	VOA: Low level. En Core (3), 2 in DI water, 1 in MeOH.

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	DRO-FINGERPRINT	11-AUG-03	1L N-AmberG+HCl	2
Solid	S	MEDEP4.1.25	18-AUG-03	100g Glass	1
Solid	S	SW8260FULL5ML	18-AUG-03	40mL Vial+HCl	3
Solid	S	TS	03-SEP-03		

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WT1906-10	TP-112,0-2	04-AUG-03 15:10	05-AUG-03			18-AUG-03	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	P	RCRA-METALS			1
		SW3050-PREP, SW6010-ARSENIC, SW6010-BARIUM, SW6010-CADMIUM, SW6010-CHROMIUM, SW6010-LEAD, SW6010-SELENIUM, SW6010-SILVER, SW7471-MERCURY			
Solid	S	TS	03-SEP-03		

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WT1906-11	HA-1,0-0.3	05-AUG-03 14:28	05-AUG-03			18-AUG-03	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	DRO-FINGERPRINT	12-AUG-03	1L N-AmberG+HCl	2
Solid	S	MEDEP4.1.25	19-AUG-03	100g Glass	1
Solid	S	SW8082	19-AUG-03	100g Glass	
Solid	S	TS	04-SEP-03		

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WT1906-12	HA-2,0-0.3	05-AUG-03 14:40	05-AUG-03			18-AUG-03	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8082	19-AUG-03	100g Glass	1
Solid	S	TS	04-SEP-03		

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WT1906-13	HA-4,1-2	05-AUG-03 13:45	05-AUG-03			18-AUG-03	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	DRO-FINGERPRINT	12-AUG-03	1L N-AmberG+HCl	2
Solid	S	MEDEP4.1.25	19-AUG-03	100g Glass	1
Solid	S	SW8082	19-AUG-03	100g Glass	
Solid	S	TS	04-SEP-03		

VIL_RESP05283

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Aug. 06, 2003

10:50 AM

Login Number: WT1906

Account: JACQUE001

Jacques Whitford Company, Inc.

Project:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WT1906-14	HA-6,0-0.3	05-AUG-03 15:20	05-AUG-03			18-AUG-03	VOA: Low level. En Core (3), 2 in DI water, 1 in MeOH.

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	DRO-FINGERPRINT	12-AUG-03	1L N-AmberG+HCl	2
Solid	S	MEDEP4.1.25	19-AUG-03	100g Glass	1
Solid	S	SW8260FULL5ML	19-AUG-03	40mL Vial+HCl	3
Solid	S	TS	04-SEP-03		

WT1906-15	TRIP BLANK	04-AUG-03 00:00	05-AUG-03			18-AUG-03	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260FULL5ML	18-AUG-03	40mL Vial+HCl	1

Total Samples: *15* ***Total Analyses:*** *43*

VIL_RESP05284

ADDENDUM
ORIGINAL CHAIN OF CUSTODY

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Page ____ of ____

Client: JACQUES WHITFORD
Contact: TODD COFFIN
Phone #: ( )
Fax #: ( )

Address: 75 PEARL ST.
City: PORTLAND
State: ME
Zip Code: 04101

Purchase Order #:
Proj. Name / No.: 7 DEPOT ST / MEB03.02
Katahdin Quote #:

Bill (if different than above):
Address:

Sampler (Print / Sign): DAVID CHAPMAN / David V. Chapman
Copies To:

LAB USE ONLY
WORK ORDER #:
KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B (Filt. ☐Y☐N)	DRO / FUEL IDENTIFICATION (Filt. ☐Y☐N)	8 TOTAL RCRA METALS (Filt. ☐Y☐N)	PCBs (Filt. ☐Y☐N)	(Filt. ☐Y☐N)	(Filt. ☐Y☐N)	(Filt. ☐Y☐N)	(Filt. ☐Y☐N)	(Filt. ☐Y☐N)	(Filt. ☐Y☐N)
	TRIP BLANK	8/4/03 /	W	1	✓									
	TP-101, 8-10	8/4/03 / 1046	S	4	✓	✓								
	TP-102, 0-2	8/4/03 / 1102	S	1			✓							
	TP-102, 4-6	8/4/03 / 1115	S	1			✓							
	TP-103, 0-2	8/4/03 / 1135	S	1			✓							
	TP-104, 10-12	8/4/03 / 1648	S	4	✓	✓								
	TP-107, 2-4	8/4/03 / 1211	S	1			✓							
	TP-107, 8-10	8/4/03 / 1221	S	4	✓	✓								
	TP-110, 0-2	8/4/03 / 1350	S	1			✓							
	TP-111, 2-4	8/4/03 / 1450	S	4	✓	✓								
	TP-112, 0-2	8/4/03 / 1510	S	1			✓							
	HA-1, 0-0.3	8/5/03 / 1428	S	1		✓		✓						
	HA-2, 0-0.3	8/5/03 / 1440	S	1				✓						
	HA-4, 1-2	8/5/03 / 1345	S	1		✓		✓						
	HA-6, 0-0.3	8/5/03 / 1520	S	4	✓	✓								
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
David V. Chapman	8/5/03 1730	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

VIL_RESP05286

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

August 22, 2003

Mr. Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

RE: Katahdin Lab Number: WT1938
Project ID: 7 Depot Street
Project Manager: Mr. Robert Thomas
Sample Receipt Date(s): August 08, 2003

Dear Mr. Coffin:

Please find enclosed the following information:

* Report of Analysis (Analytical and/or Field)
* List of Organics Data Qualifiers and their Definitions
* Chromatograms
* Quality Control Data Summary
* Chain of Custody (COC)
* Login Report

A copy of the Chain of Custody is included in the paginated report. The original COC is attached as an addendum to this report.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact the project manager listed above. This cover letter is an integral part of the ROA.

We appreciate your continued use of our laboratory and look forward to working with you in the future. The following signature indicates technical review and acceptance of the data.

Sincerely,

KATAHDIN ANALYTICAL SERVICES

Jennifer Obrin
Authorized Signature

08-22-03
Date

VIL_RESP05287

TECHNICAL NARRATIVE

Organics Laboratory

Sample WT1938-1 was received on August 8, 2003. The sample was analyzed for diesel range organics (DRO) according to method MEDEP 4.1.25 and PCB's according to SW-846 Method 8082. Some manual integrations were performed due to split peaks or corrected baselines. All have been flagged with a "M" (software-generated) on the pertinent quantitation reports. A fingerprint analysis of the DRO analysis was performed as requested. The samples were analyzed within hold times and all QC were acceptable with the following comments:

DRO Analysis

Sample WT1938-1 was diluted in order to bring the high DRO concentration into the calibration range. Consequently, the surrogate was diluted out of range.

The chromatography of sample WT1938-1 does not match or resemble the chromatography of any of the petroleum product standards analyzed during the initial calibration. The initial calibration consists of the following petroleum products: Gasoline, JP-A, JP-4, JP-5, JP-8, Kerosene, Mineral Spirits, Fuel Oil #2, Fuel Oil #4, Fuel Oil #6, Coal Tar, and Motor Oil. The sample chromatogram does elute within the retention time windows of Fuel Oil #6 and Motor Oil.

There were no other protocol deviations or observations noted by the organic laboratory staff.

340 County Road No. 5 • P.O. Box 720, Westbrook, ME 04098 • Tel: (207) 874-2400 • Fax: (207) 775-4029 • www.katahdinlab.com

ORGANICS DATA QUALIFIERS

U	Indicates the compound was analyzed for but not detected above the laboratory Practical Quantitation Limit.
*	Compound recovery outside of quality control limits.
D	Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
E	Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
J	Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
B	Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
N	Presumptive evidence of a compound based on a mass spectral library search.
A	Indicates that a tentatively identified compound is a suspected aldol-condensation product.
P	Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/08/03
Received Date: 08/08/03
Extraction Date: 08/14/03
Analysis Date: 08/21/03
Report Date: 08/22/2003
Matrix: SOIL
% Solids: 83.9

Lab ID: WT1938-1DL
Client ID: HA5, 0.5-1
SDG: WT1938
Extracted by: mf
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8082
Lab Prep Batch: WG3186
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	200	10	17	200
Aroclor-1221	U	200	10	17	200
Aroclor-1232	U	200	10	17	200
Aroclor-1242	U	200	10	17	200
Aroclor-1248	U	200	10	17	200
Aroclor-1254		24000	10	17	200
Aroclor-1260		12000	10	17	200
Tetrachloro-m-xylene		D			
Decachlorobiphenyl		D			

Page 01 of 01 6th1288.d

VIL_RESP05290

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE ID

HA5, 0.5-1

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: 7 DEPOT STREET

Lab Code: KAS PO No.: SDG No.: WT1938

Lab Sample ID: WT1938-1DL Date(s) Analyzed: 08/21/03 08/21/03

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column(1): ZB-5 ID: 0.53(mm) GC Column(2): ZB-35 ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	10.57	10.53	10.67	2450		
Aroclor-1254	2	11.58	11.53	11.67	20300		
	3	12.09	12.05	12.19	20400		
COLUMN 1	4	12.95	12.94	13.08	29600		
	5	14.65	14.66	14.80	46600	23900	
	1	8.37	8.32	8.46	2890		
	2	9.29	9.24	9.38	19600		
	3	9.57	9.53	9.67	17800		
COLUMN 2	4	10.63	10.59	10.73	27900		
	5	11.05	11.01	11.15	24900	18600	22.2
	1	15.02	14.94	15.08	9000		
Aroclor-1260	2	15.55	15.48	15.62	7420		
	3	16.13	16.06	16.20	8490		
COLUMN 1	4	16.80	16.74	16.88	11800		
	5	18.14	18.08	18.22	17400	10800	
	1	12.39	12.33	12.47	6930		
	2	13.07	13.03	13.17	16800		
	3	13.51	13.47	13.61	9410		
COLUMN 2	4	14.40	14.36	14.50	11100		
	5	15.53	15.50	15.64	13900	11600	6.9
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

FORM X PEST-2

Data File: \\Target_server\GG\chem\gc06.i\GC06TH20A1.b\6th1288.d
Report Date: 22-Aug-2003 15:54

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc06.i\GC06TH20A1.b\6th1288.d
Lab Smp Id: WT1938-1DL Client Smp ID: HA5, 0.5-1
Inj Date : 21-AUG-2003 16:16
Operator : LAD Inst ID: gc06.i
Smp Info : PCBA018A.M,GC06TH20A1.B,10,WT1938-1
Misc Info : SW846 8082
Comment :
Method : \\Target_server\GG\chem\gc06.i\GC06TH20A1.b\PCBA018A.M
Meth Date : 22-Aug-2003 14:59 glull Quant Type: ESTD
Cal Date : 21-AUG-2003 05:50 Cal File: 6TH1266.d
Als bottle: 1
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: SW8082.sub
Target Version: 4.12 Sample Matrix: SOIL
Processing Host: TARGET01

Concentration Formula: Amt * DF * 1000*Vt*(100/(100-M))/Vo * CpndVariable

Name	Value	Description
DF	10.000	Dilution Factor
Vt	0.00500	Volume of final extract (L)(1000 low, 20
M	16.089	% Moisture
Vo	0.01500	Sample Weight
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/mL)	FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 2 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.299	6.301	-0.002	7584	0.00712	28.3		
7 Aroclor-1254					CAS #: 11097-69-1		
10.573	10.600	-0.027	4864	0.61632	2450	0.00- 260.00	100.00(M)
11.584	11.600	-0.016	103666	5.11082	20300	80.00- 140.00	2131.29
12.088	12.120	-0.032	138486	5.13037	20400	80.00- 140.00	2847.16
12.947	13.013	-0.066	206827	7.45983	29600	60.00- 140.00	4252.20
14.654	14.733	-0.079	248234	11.7251	46600	0.00- 0.00	5103.50
Average of Peak Concentrations =					23900		
8 Aroclor-1260					CAS #: 11096-82-5		
15.016	15.013	0.003	48361	2.26673	9000	80.00- 120.00	100.00
15.547	15.547	0.000	39819	1.86865	7420	94.69- 142.03	82.34
16.131	16.133	-0.002	89989	2.13771	8490	89.28- 133.92	186.08
16.796	16.812	-0.016	62583	2.96886	11800	72.48- 108.73	129.41
18.137	18.147	-0.010	51248	4.39509	17400	0.00- 0.00	105.97
Average of Peak Concentrations =					10800		
$ 9 Decachlorobiphenyl					CAS #: 2051-24-3		
19.569	19.586	-0.017	11317	0.01531	60.8		(R)

VIL_RESP05292

Data File: \\Target_server\GG\chem\gc06.i\GC06TH20A1.b\6th1288.d
Report Date: 22-Aug-2003 15:54

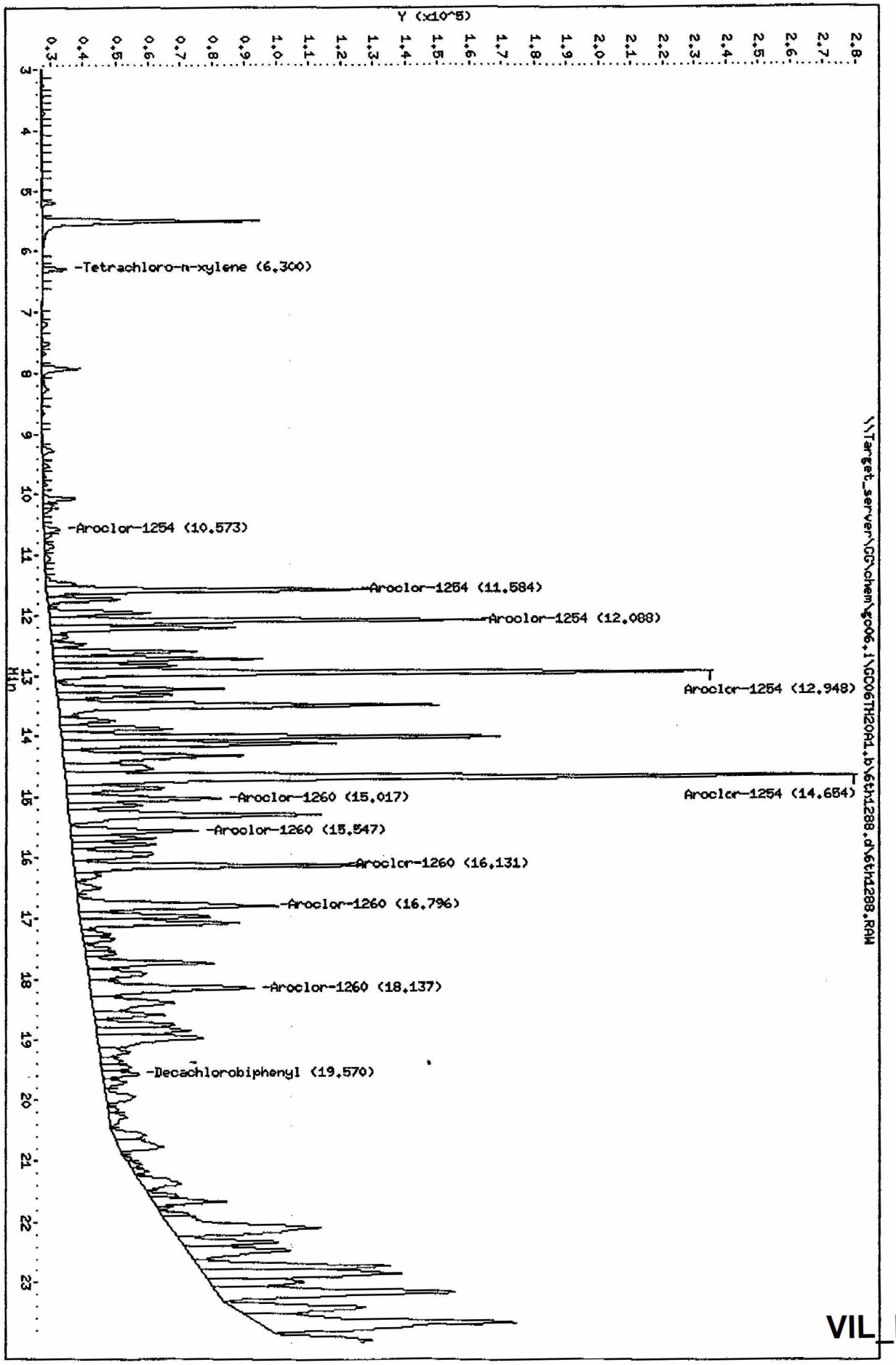
QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

VIL_RESP05293

Data File: \\Target_server\GC\chem\gc06.i\GC06TH20A1.b\6th1288.d
Date : 21-AUG-2003 16:16
Client ID: HA5, 0.5-1
Sample Info: PCBA018A,M,GC06TH20A1,B,10,WT1938-1
Purge Volume: 0.0
Column phase: ZB-5

Instrument: gc06.i
Operator: LAD
Column diameter: 0.53



VIL_RESP05294

Data File: \\Target_server\GG\chem\gc06.i\GC06TH20B1.b\6th2288.d
Report Date: 22-Aug-2003 15:54

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc06.i\GC06TH20B1.b\6th2288.d
Lab Smp Id: WT1938-1DL Client Smp ID: HA5, 0.5-1
Inj Date : 21-AUG-2003 16:16
Operator : LAD Inst ID: gc06.i
Smp Info : PCBA018A.M,GC06TH20A1.B,10,WT1938-1
Misc Info : SW846 8082
Comment :
Method : \\Target_server\GG\chem\gc06.i\GC06TH20B1.b\PCBB018A.M
Meth Date : 22-Aug-2003 15:09 glull Quant Type: ESTD
Cal Date : 21-AUG-2003 09:09 Cal File: 6TH2273.d
Als bottle: 1
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: SW8082.sub
Target Version: 4.12 Sample Matrix: SOIL

Concentration Formula: Amt * DF * 1000*Vt*(100/(100-M))/Vo * CpndVariable

Name	Value	Description
DF	10.000	Dilution Factor
Vt	0.00500	Volume of final extract (L)(1000 low, 20
M	16.089	% Moisture
Vo	0.01500	Sample Weight
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/mL)	FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 3 Tetrachloro-m-xylene					CAS #: 877-09-8		
3.956	3.965	-0.009	17243	0.00778	30.9		
9 Aroclor-1254					CAS #: 11097-69-1		
8.370	8.388	-0.018	8889	0.72676	2890	80.00- 120.00	100.00(M)
9.293	9.311	-0.018	157610	4.93064	19600	80.00- 140.00	1773.09
9.573	9.603	-0.030	156225	4.47400	17800	80.00- 140.00	1757.51
10.626	10.660	-0.034	314659	7.02151	27900	60.00- 140.00	3539.87
11.053	11.078	-0.025	220535	6.26763	24900	60.00- 100.00	2480.99
Average of Peak Concentrations =					18600		
7 Aroclor-1260					CAS #: 11096-82-5		
12.386	12.403	-0.017	70427	1.74493	6930	80.00- 120.00	100.00(M)
13.066	13.103	-0.037	163853	4.21907	16800	94.69- 142.03	232.66
13.506	13.542	-0.036	167436	2.36925	9410	89.28- 133.92	237.74
14.400	14.432	-0.032	118972	2.80370	11100	72.48- 108.73	168.93
15.533	15.566	-0.033	65637	3.50562	13900	60.00- 140.00	93.20
Average of Peak Concentrations =					11600		

VIL_RESP05295

Data File: \\Target_server\GG\chem\gc06.i\GC06TH20B1.b\6th2288.d
Report Date: 22-Aug-2003 15:54

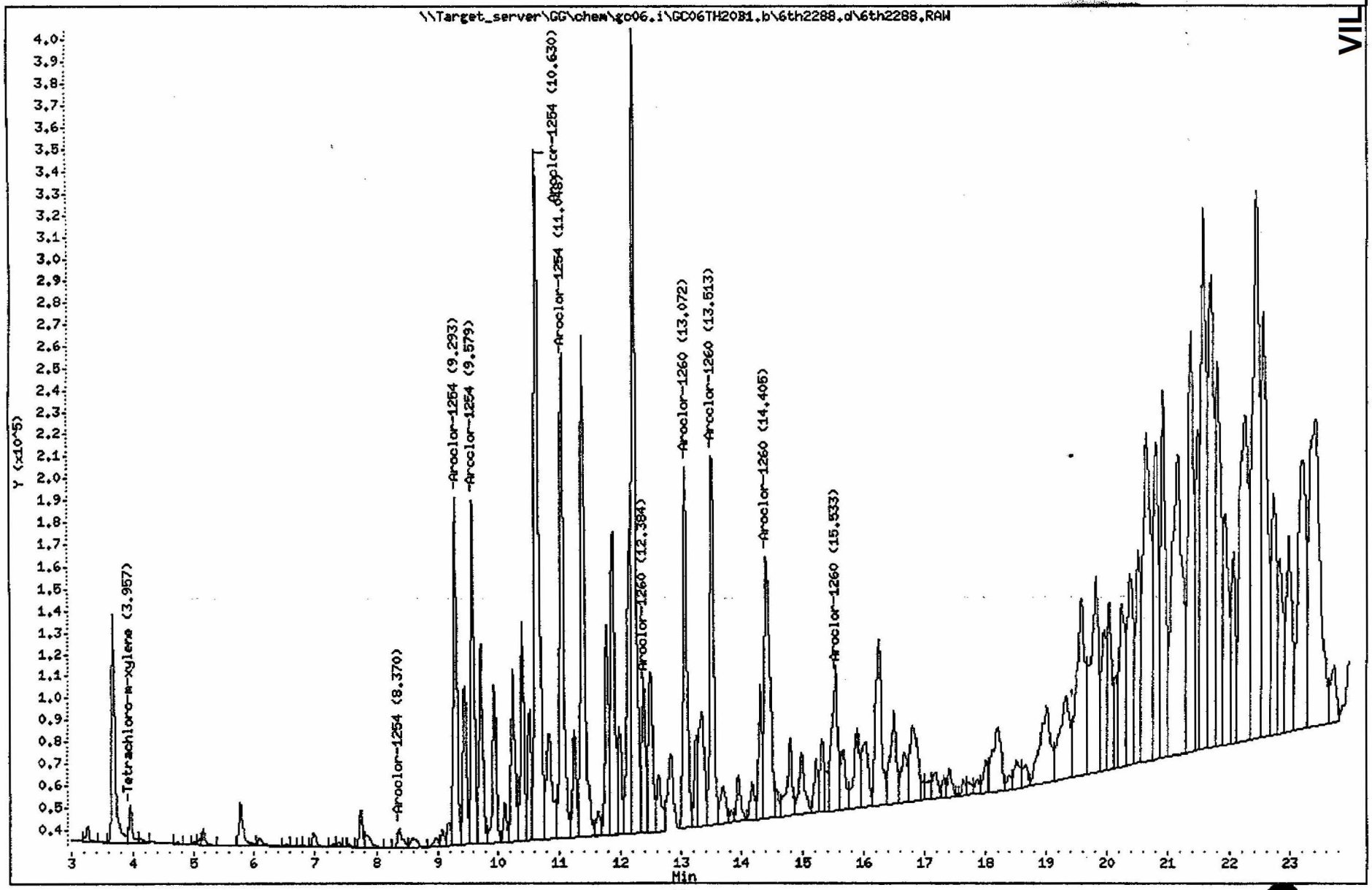
QC Flag Legend

M - Compound response manually integrated.

VIL_RESP05296

Data File: \\Target_server\GC\chem\gc06.i\GC06TH20B1.b\6th2288.d
Date : 21-AUG-2003 16:16
Client ID: HA5, 0.5-1
Sample Info: PCBA018A,M,GC06TH20A1,B,10,WT1938-1
Purge Volume: 0.0
Column phase: ZB-35

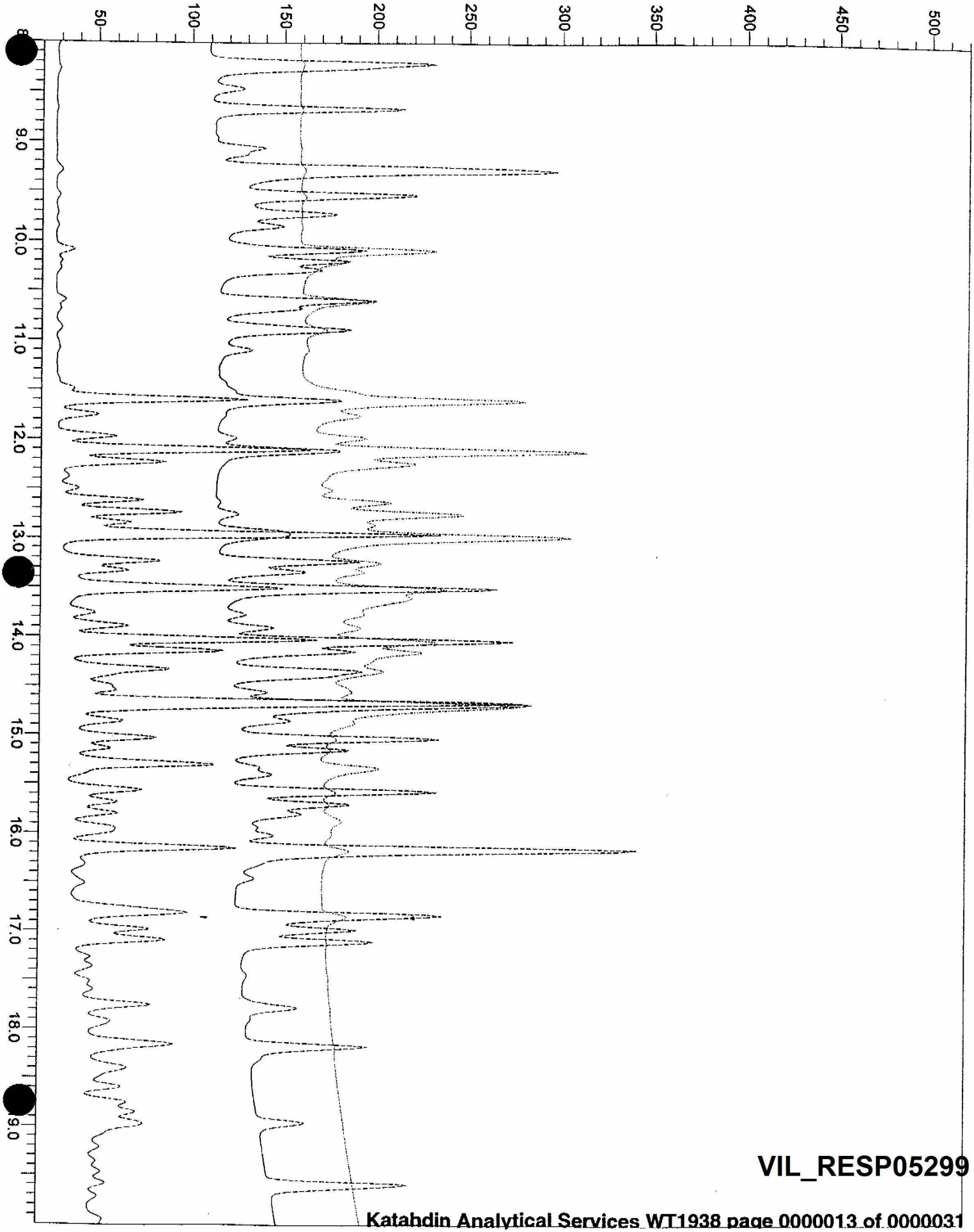
Instrument: gc06.i
Operator: LAD
Column diameter: 0.53



VIL RESP05297

Katahdin Analytical Services WT1938 page 0000011 of 0000031

Plot Title	Start Time	End Time	Scale (mV)	Offset (mV)
6TH1245.RAW	8.00	20.00	100.00	10.00
Sample Name : PCBA018A.M,GC06TH20A1.B,1,AR1660 1.0PPM				
Sample Number : AR1660.SUB				
Instrument File Name : T:\GC06\METHODS\PCBINSTF				
6TH1265.RAW	8.00	20.00	100.00	0.00
Sample Name : PCBA018A.M,GC06TH20A1.B,1,AR1254 1.0PPM				
Sample Number : AR1254.SUB				
Instrument File Name : T:\GC06\METHODS\PCBINSTF				
6TH1288.RAW	8.00	20.00	500.00	20.00
Sample Name : PCBA018A.M,GC06TH20A1.B,10,WT1938-1				
Sample Number :				
Instrument File Name : T:\GC06\METHODS\PCBINSTF				



VIL_RESP05299